Monthly Index
of
Russian Accessions

Volume 15, No. 9 December 1962

THE LIBRARY OF CONGRESS
WASHINGTON : 1963

INTRODUCTORY NOTE

The MONTHLY INDEX OF RUSSIAN ACCESSIONS* is a record of the publications in the Russian language issued in and outside the Soviet Union that are currently received by the Library of Congress and a group of cooperating libraries. Whenever possible, publications printed in other languages spoken in the Soviet Union are also included.

The MONTHLY INDEX consists of three parts. Part A lists monographic literature, but no accessions published earlier than 1945 are included. To facilitate the use of this INDEX by readers who are not thoroughly familiar with the Russian language, the title in the original language in Part A is preceded by its English translation in brackets.

Part B lists Russian periodicals received, but excludes accessions printed earlier than 1947. Certain Soviet periodicals are being translated into English from cover to cover and published regularly in translation in the United States and other English-speaking countries. A list of such translated periodicals, their publishers, subscription prices, etc., is given at the end of each issue of the *Monthly Index*. In Part B such periodicals are indicated by an asterisk before the periodical title.

Part C provides subject analysis of the monographic titles listed in Part A and of the articles appearing in the periodicals enumerated in the *List of Periodicals Indexed and Abbreviations Used* at the beginning of Part C. The number and letter in parentheses following each abbreviation indicate the class and subclass in which the periodical appears in Part B. For the convenience of readers desiring to examine only monographs or periodical articles, the monographs are printed in slightly heavier type than the periodical articles. The titles of monographs are given both in the original language and in English translation, whereas titles of periodical articles are given in English translation only.

Sample title: Electric action of the brain in glaucoma. L.S.Levina, G.M.Neishtadt. Vest.oft. 30 no.5:8-12 S-O '51.

Explanation: An article with title given above in English translation, written by L. S. Levina and G. M. Neishtadt, will be found in the September–October 1951 issue of *Vestnik oftalmologii*, vol. 30, no. 5, pages 8–12.

A cumulative list of periodicals included in the current volume appears in number 12 of that volume. This list is arranged by subject; the symbols of American libraries other than the Library of Congress, known to have files of such periodicals, follow each title.

Except in Part C, the material is divided into 17 subject classes and is arranged alphabetically within each class. In addition, for the convenience of the reader, the serials listed in Part B are divided within each subject class into several subclasses. All entries are transliterated according to the usual Library of Congress system except that ligatures are omitted. Unless otherwise indicated, all listed items are represented in the collections of the Library of Congress. Symbols representing other libraries indicate when items are available in those libraries. Curves ( ) around a symbol indicate that at the time of receipt the material was available in another library but not in the Library of Congress.

Cumulative author, subject, and periodical location indexes to the first four volumes of the MONTHLY INDEX are available as separate publications. Beginning with Volume 5, an author index to the monographs, and a periodical location index for the entire volume are furnished as to the first two issues of the following volume.

or microfilm or photostat copies of the listed items that are in the collections of the ongress may be placed with the Photoduplication Service, Library of Congress, Wash- C.

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1-10 (No. 0), 1948-1957, issued under title *Monthly List of Russian Accessions.*

SYMBOLS OF LIBRARIES REPORTING RECEIPT OF PUBLICATIONS

AAP	Auburn University, Auburn, Ala.
AMAU	Air University Library, Maxwell Air Force Base, Montgomery, Ala.
AU	University of Alabama, University
AzU	University of Arizona, Tucson
C	California State Library, Sacramento
CCC	Honnold Library, Claremont, Calif.
CFS	Fresno State College, Fresno, Calif.
CL	Los Angeles Public Library
CLCM	Los Angeles County Museum Library, Los Angeles
CLL	Los Angeles County Law Library, Los Angeles
CLM	Los Angeles County Medical Association, Los Angeles
CLSU	University of Southern California, Los Angeles
CLU	University of California at Los Angeles
CMthL	University of California, Lick Observatory, Mount Hamilton
CPT	California Institute of Technology, Pasadena
CSf	San Francisco Public Library
CSfA	California Academy of Sciences, San Francisco
CSfU	University of San Francisco, San Francisco
CSmH	Henry E. Huntington Library, San Marino, Calif.
CSt	Stanford College Libraries, Stanford, Calif.
CSt–H	— The Hoover Institution on War, Revolution, and Peace
CSt–L	— Lane Medical Library
CStbS	University of California, Santa Barbara Library, Goleta
CStmoR	Rand Corporation, Santa Monica, Calif.
CU	University of California, Berkeley
CU–A	— University of California, Davis
CU–B	— Bancroft Library, Berkeley
CU–E	— East Asiatic Library, Berkeley
CU–M	— Medical Center, San Francisco
CU–Riv	— College of Arts, Letters and Science, Riverside
CU–S	— Scripps Institution of Oceanography, La Jolla
CaAEU	University of Alberta, Edmonton, Canada
CaBVa	Vancouver Public Library, Vancouver, Canada
CaBVaU	University of British Columbia, Vancouver, Canada
CaBViPA	Provincial Archives, Victoria, Canada
CaMWM	Medical Library of the University of Manitoba, Winnipeg, Canada
CaOKQ	Queen's University, Kingston, Canada
CaOL	London Public Library, London, Canada
CaOOA	Public Archives Library, Ottawa, Canada
CaOOAg	Department of Agriculture, Main Library, Ottawa, Canada
CaOLU	University of Western Ontario, London, Canada
CaOOG	Geological Survey of Canada, Ottawa, Canada
CaOOGB	Geographical Branch, Department of Mines and Technical Surveys, Ottawa, Canada
CaOOH	Laboratory of Hygiene, Ottawa, Canada
CaOON	National Research Council, Ottawa, Canada
CaOONM	National Museum, Ottawa, Canada
CaOOS	Dominion Bureau of Statistics, Ottawa, Canada
CaOOU	University of Ottawa, Ottawa, Canada
CaOTM	Library, Meteorological Branch, Air Services, Dept. of Transport, Toronto, Canada
CaOTR	Royal Canadian Institute, Toronto. (Collection included with CaOTU)
CaOTU	University of Toronto, Toronto, Canada
CaQMAI	Arctic Institute of North America, Montreal, Canada
CaQMBM	Bibliotheque Municipale, Montreal, Canada
CaQMM	McGill University, Montreal, Canada
CaQMMM	— Medical Library
CaQMU	University of Montreal, Montreal, Canada
CaSSU	University of Saskatchewan, Saskatoon, Canada
CoBBS	U. S. National Bureau of Standards, Boulder Laboratories, Colorado
CoD	Denver Public Library
CoDM	Medical Society of the City and County of Denver
CoFS	Colorado State University, Fort Collins
CoU	University of Colorado, Boulder
CtHT	Trinity College, Hartford, Conn.
CtW	Wesleyan University, Middletown, Conn.
CtY	Yale University, New Haven
CtY–L	— Law Library
CtY–M	— Medical School Library
DAIA	American Institute of Architects Library, Washington, D. C.
DAL	U. S. Army Library, Pentagon Building
DBC	U. S. Bureau of the Census Library
DBS	U. S. National Bureau of Standards Library
DC	U. S. Department of Commerce Library
DCU	Catholic University of America Library, Washington, D. C.
DDC	Dominican House of Studies, Immaculate Conception Convent Library, Washington, D. C.
DDO	Dumbarton Oaks Research Library of Harvard University, Washington, D. C.
DFR	Board of Governors of the Federal Reserve System
DI	U. S. Department of the Interior Library
DI–GS	— Geological Survey Library
DM	U. S. Bureau of Mines Library. (Library integrated with DI)
DN	U. S. Department of the Navy Library
DN–HO	— Naval Oceanographic Office Library
DN–Ob	— Naval Observatory Library
DN–RL	Naval Research Laboratory Library, Anacostia Station, Washington, D. C.
DNAL	National Agricultural Library
DNIH	National Institutes of Health Library, Bethesda, Md.
DNLM	U. S. National Library of Medicine
DNW	U. S. National War College Library, Fort McNair
DP	U. S. Patent Office Library
DS	U. S. Department of State Library
DSC	Scottish Rite Supreme Council Library
DSI	Smithsonian Institution Library, Washington, D. C.
DSI–AO	— Astrophysical Laboratory Library
DSI–E	— Bureau of American Ethnology Library
DSI–M	— National Museum Library
DWB	U. S. Weather Bureau Library
DeU	University of Delaware, Newark
FMU	University of Miami, Coral Gables, Fla.
FTaSU	Florida State University, Tallahassee
FU	University of Florida, Gainesville
GAT	Georgia Institute of Technology, Atlanta
GEU	Emory University, Atlanta
GU	University of Georgia, Athens
I	Illinois State Library, Springfield
IArg	Argonne National Laboratory, Argonne, Ill.
ICA	Art Institute of Chicago, Chicago
ICAC	American College of Surgeons Library, Chicago
ICF	Chicago Natural History Museum, Chicago
ICJ	John Crerar Library, Chicago
ICMILC	Midwest Inter-Library Center, Chicago
ICN	Newberry Library, Chicago
ICU	University of Chicago, Chicago
ICU–Y	Yerkes Observatory, Williams Bay, Wis.
ICarbS	Southern Illinois University, Carbondale
IEN	Northwestern University, Evanston, Ill.
IHi	Illinois State Historical Library, Springfield
IU	University of Illinois, Urbana
IaAS	Iowa State University of Science and Technology, Ames
IaU	State University of Iowa, Iowa City
IdNTS	National Reactor Testing Station, Technical Library, Phillips Petroleum Company, Idaho Falls, Idaho
In	Indiana State Library, Indianapolis

InIA	Indiana Academy of Science Library, Indianapolis
InLP	Purdue University, Lafayette, Ind.
InNd	University of Notre Dame, Notre Dame, Ind.
InU	Indiana University, Bloomington
KAS	St. Benedict's College, Atchison, Kan.
KMK	Kansas State University, Manhattan
KU	University of Kansas, Lawrence
KU-L	— School of Law Library
KU-M	— Medical Center Library, Kansas City
KyU	University of Kentucky, Lexington
LNHT	Howard-Tilton Memorial Library of Tulane University, New Orleans, La.
LU	Louisiana State University, Baton Rouge
MA	Amherst College, Amherst, Mass.
MB	Boston Public Library
MBAt	Boston Athenaeum, Boston
MBM	Boston Medical Library, Boston
MBN	Boston Society of Natural History, Boston
MBU	Boston University
MBdAF	U. S. Air Force Cambridge Research Center, Bedford, Mass.
MCM	Massachusetts Institute of Technology, Cambridge, Mass.
MH	Harvard University, Cambridge, Mass.
MH-A	— Arnold Arboretum, Jamaica Plain
MH-AH	— Andover-Harvard Theological Seminary Library
MH-BH	— Blue Hill Meteorological Observatory, Milton, Mass.
MH-BL	— Biological Laboratories Library
MH-C	— Chemistry Library
MH-F	— Farlow Reference Library
MH-FA	— Fogg Art Museum Library
MH-G	— Gary Herbarium Library
MH-GM	— Gordon McKay Library
MH-HY	— Harvard-Yenching Institute (Chinese-Japanese Library)
MH-L	— Law School Library
MH-M	— Schools of Medicine, Public Health and Dental Medicine, Boston
MH-Mi	— Mineralogical Library
MH-O	— Astronomical Observatory, the Phillips Library
MH-P	— Peabody Museum Library
MH-PR	— Physics Research Library
MH-SD	— Graduate School of Design Library
MH-Z	— Museum of Comparative Zoology Library
MMeT	Tufts University, Medford, Mass.
MNS	Smith College, Northampton, Mass.
MWelC	Wellesley College, Wellesley, Mass.
MWhB	Marine Biological Laboratory, Woods Hole, Mass.
MdAN	U. S. Naval Academy, Annapolis
MdBJ	Johns Hopkins University, Baltimore
	llery, Baltimore
	e, Brunswick, Maine
	Waterville, Maine
	Detroit
	y, East Lansing
	dland, Mich.
	Arbor
	ıry
	Library, St. Paul
	neapolis
	ity
	l of Mines and
	t. Louis
MoSU	St. Louis University, St. Louis
MoSW	Washington University, St. Louis
MoU	University of Missouri, Columbia
MsSM	Mississippi State University, State College
MsU	University of Mississippi, Oxford
MtBC	Montana State College, Bozeman
MtU	Montana State University, Missoula
N	New York State Library, Albany
NB	Brooklyn Public Library
NBC	Brooklyn College, Brooklyn
NBG	Brooklyn Botanic Garden, Brooklyn
NBM	Academy of Medicine of Brooklyn Library, Brooklyn
NBSU-M	State University of New York, College of Medicine Downstate Medical Center Library, Brooklyn
NBuB	Buffalo Society of Natural Sciences, Buffalo
NCH	Hamilton College, Clinton, N. Y.
NCorniC	Corning Glass Works Library, Corning, N. Y.
NCsC	Carnegie Institution, Department of Genetics, Cold Spring Harbor, N. Y.
NIC	Cornell University, Ithaca, N. Y.
NIC-A	— State Colleges of Agriculture and Home Economics
NN	New York Public Library
NNA	American Geographical Society, New York
NNBG	New York Botanical Garden, Bronx Park, New York
NNC	Columbia University, New York
NNC-L	— Law Library
NNC-M	— Medical Library
NNC-T	— Teachers College Library
NNCC	Chemists' Club, New York
NNCoCi	College of the City of New York, New York
NNCorM	Cornell University Medical College Library, New York
NNE	Engineering Societies Library, New York
NNF	Fordham University, New York
NNIS	Library for Intercultural Studies, New York
NNJ	Jewish Theological Seminary of America, New York
NNM	American Museum of Natural History, New York
NNMM	Metropolitan Museum of Art Library, New York
NNNAM	New York Academy of Medicine, New York
NNPH-O	Institute of Ophthalmology, Presbyterian Hospital, New York
NNR	Russell Sage Foundation, College of the City of New York
NNRI	Rockefeller Institute for Medical Research, New York
NNU	New York University Libraries, New York
NNU-H	— University Heights Library
NNU-W	— Washington Square Library
NNUN	United Nations Library, New York
NPV	Vassar College, Poughkeepsie, N. Y.
NRE	Eastman Kodak Company, Rochester, N. Y.
NRU	University of Rochester, Rochester, N. Y.
NSyU	Syracuse University, Syracuse, N. Y.
NUpB	U. S. Brookhaven National Laboratory, Upton, N. Y.
NYBT	Boyce Thompson Institute for Plant Research, Yonkers, N. Y.
NbU	University of Nebraska, Lincoln
NcD	Duke University, Durham, N. C.
NcGW	Woman's College of the University of North Carolina, Greensboro
NcRS	North Carolina State College of Agriculture and Engineering, Raleigh
NcU	University of North Carolina, Chapel Hill
NdU	University of North Dakota, Grand Forks
Nh	New Hampshire State Library, Concord
NhD	Dartmouth College, Hanover, N. H.
NjI	Irvington Free Public Library, Irvington, N. J.
NjMuB	Bell Telephone Laboratories, Murray Hill, N. J.

NjN	Newark Public Library, Newark, N. J.
NjP	Princeton University, Princeton, N. J.
NjR	Rutgers University, New Brunswick, N. J.
O	Ohio State Library, Columbus
OCH	Hebrew Union College, Cincinnati
OCLloyd	Lloyd Library and Museum, Cincinnati
OCU	University of Cincinnati, Cincinnati
OCl	Cleveland Public Library
OClBHS	Benedictine High School, Cleveland
OClJC	John Carroll University, Cleveland
OClM	Cleveland Medical Library
OClMA	Cleveland Museum of Art
OClW	Western Reserve University, Cleveland
OCoB	Battelle Memorial Institute, Columbus
ODW	Ohio Wesleyan University, Delaware, Ohio
OHi	Ohio State Historical Society, Columbus
OO	Oberlin College, Oberlin, Ohio
OOxM	Miami University, Oxford, Ohio
OSte	Carnegie Library, Steubenville, Ohio
OU	Ohio State University, Columbus
OUCA	Chemical Abstracts, Ohio State University, Columbus
OkS	Oklahoma State University, Stillwater
OkU	University of Oklahoma, Norman
OrCS	Oregon State University, Corvallis
OrPR	Reed College, Portland, Ore.
OrU	University of Oregon, Eugene
P	Pennsylvania State Library, Harrisburg
PBL	Lehigh University, Bethlehem, Pa.
PBm	Bryn Mawr College, Bryn Mawr, Pa.
PHC	Haverford College, Haverford, Pa.
PLF	Franklin and Marshall College, Lancaster, Pa.
PP	Free Library of Philadelphia
PPAN	Academy of Natural Sciences, Philadelphia
PPAmP	American Philosophical Society, Philadelphia
PPBC	Philadelphia Bibliographical Center and Union Library Catalogue
PPC	College of Physicians of Philadelphia
PPDrop	Dropsie College for Hebrew and Cognate Learning, Philadelphia
PPF	Franklin Institute, Philadelphia
PPPM	Philadelphia Museum of Art
PPT	Temple University, Philadelphia
PPWI	Wistar Institute of Anatomy and Biology, Philadelphia
PPiCI	Carnegie Institute of Technology, Pittsburgh
PPiU	University of Pittsburgh, Pittsburgh
PRosC	Rosemont College, Rosemont, Pa.
PSC	Swarthmore College, Swarthmore, Pa.
PSt	Pennsylvania State University, University Park
PU	University of Pennsylvania, Philadelphia
PU–BZ	— Botany-Zoology Library
PU–El	— Moore School of Electrical Engineering Library
PU–FA	— School of Fine Arts Library
PU–Math	— Mathematics-Physics Library
PU–Mu	— University Museum Library
PU–Penn	— Penniman Library of Education
PU–Sc	— Towne Scientific School Library
RPB	Brown University, Providence, R. I.
RU	University of Rhode Island, Kingston
TCU	University of Chattanooga, Chattanooga, Tenn.
TNJ	Joint University Libraries (Vanderbilt University, George Peabody College for Teachers, and Scarritt College), Nashville, Tenn.
TONS	Oak Ridge Institute of Nuclear Studies, Oak Ridge, Tenn.
TU	University of Tennessee, Knoxville
TxCM	Agricultural and Mechanical College of Texas, College Station
TxDaM	Southern Methodist University, Dallas
TxHR	Rice Institute, Houston
TxLT	Texas Technological College, Lubbock
TxU	University of Texas, Austin
ULA	Utah State University of Agriculture and Applied Science, Logan
ViBlbV	Virginia Polytechnic Institute, Blacksburg
ViU	University of Virginia, Charlottesville
ViU–L	— Law Library
ViW	College of William and Mary, Williamsburg
VtMiM	Middlebury College, Middlebury, Vt.
VtU	University of Vermont and State Agricultural College, Burlington
WHi	State Historical Society of Wisconsin, Madison
WU	University of Wisconsin, Madison
WaU	University of Washington, Seattle
WvU	West Virginia University, Morgantown

MONTHLY INDEX OF RUSSIAN ACCESSIONS

LIBRARY OF CONGRESS—PROCESSING DEPARTMENT

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[illegible]

2 BIBLIOGRAPHY

[illegible]

[illegible]

[illegible]

[illegible]

BIRSTAKOV, V. P. [Problems of aesthetic education; outline history] Problemy esteticheskogo vospitaniia; ocherki istorii. Moskva, Vysshaia shkola, 1962. 119 p. (Materialy k lektsiiam po filosofii)

BINIUTIN, V. I. [Conduct in the group] Povedenie v kollektive. [Leningrad] Lenizdat, 1962. 44 p. (Vospitaem cheloveka budiushchego)

BITNIKOV, E. M. [The problem of "alienation" in bourgeois philosophy and the falsification of Marxism] Problema "otchuzhdeniia" v burzhuaznoi filosofii i fal'sifikatory marksizma. Moskva, Izd-vo VPSh i AON, 1962. 113 p.

BLIAZHKIN, N. I., and V. D. SILAKOV. [Brief outline of the history of general and mathematical logic in Russia] Kratkii ocherk istorii obshchei i matematicheskoi logiki v Rossii. Moskva, Vysshaia shkola, 1962. 95 p.

BUKHAREEVSKII, L. M. [Memory] O pamiati. Moskva, Medgiz, 1962. 31 p.

ULESOV, A. A. [Answer to my correspondents] Otvet moim korrespondentam. Moskva, Sovetskaia Rossiia, 1962. 78 p.

VASETSKII, G. S. [Development of Marxist philosophy by V. I. Lenin in his struggle with revisionism, 1907-1913] Razvitie V. I. Leninym marksistskoi filosofii v bor'be s revizionizmom, 1907-1913 gg. Moskva, Vysshaia shkola, 1961. 326 p.
(MH) (NNC)

VOITKO, V. I. [Scientific and religious ideologies are irreconcilable] Naukovyi i religiinyi svitohliady - neprymyrenni. Kyiv, Derzhpolitvydav URSR, 1962. 58 p.

[YOU WILL BECOME A COMMUNIST] Ty budesh' kommunistom; sbornik. [Moskva] Molodaia gvardiia, 1962. 245 p.

4. HISTORY

ADZHAR A. S. S. R. TSentral'nyi gosudarstvennyi arkhiv. [The struggle for the victory of the Soviet regime in Adzharia, documents and materials, 1917-1921] Borba za pobedu Sovetskoi vlasti v Adzharii, dokumenty i materialy, 1917-1921 gg. Sost. L. N. Kalandarishvili. Batumi, Gos. izd-vo, 1961. 423 p.
(MH)

AIZIKOVICH, A. S. [The development of human societies] Kak razvivaetsia cheloveches koe obshchestvo. [Moskva] Mosk. rabochii, 1962. 79 p. (Obshchedostupnaia bibliotechka po filosofii)

AKADEMIIA NAUK GRUZINSKOI SSR, Tiflis. Abkhazskii institut iazyka, literatury i istorii, Sukhumi. Ocherki istorii Abkhazskoi ASSR. Sukhumi, Abgosizdat. Pt. 1. 1960. 310 ;

AKADEMIIA NAUK KIRGIZSKOI SSR. Frunze. Institut istorii. [New epigraphic finds in Kirghizia, 1961] Novye epigraficheskie nakhodki v Kirgizii (1961 g.); sbornik statei. Frunze, Izd-vo Akad. nauk Kirgizskoi SSR. 1962. 46 p.

[illegible]SSR. Institut istorii, [illegible] socialism in the Molda- [illegible] sotsialisticheskogo stroitel'stva v Moldavskoi SSR. Kishinev, Izd-vo "Shtiintsa," 1962. 107 p.
(CSt-H)

AKADEMIIA NAUK SSSR. Institut istorii. [Essays on the modern and recent history of the United States] Ocherki novoi i noveishei istorii SShA. Moskva, Izd-vo Akad. nauk SSSR, 1960. 5 v. fold. maps.
(NJR)

AKADEMIIA NAVUK BSSR, Minsk. Instytut historyi. [Polotsk; a historical study] Polotsk; istoricheskii ocherk. Minsk, Izd-vo Akad. nauk BSSR, 1962. 282 p.

AKISHEV, K. A., and E. I. AGEEVA. [Ancient monuments of Kazakhstan] Drevnie pamiatniki Kazakhstana. Alma-Ata, Kazgosizdat, 1962. 59 p.
(WaU)

ALEKSANDROV, V. A., and V. I. KORETSKII, comps. [Readings on the history of the U. S. S. R., the 16th and 17th centuries] Khrestomatiia po istorii SSSR; XVI-XVII vv. Pod red. A. A. Zimina. Moskva, Sotsekgiz, 1962. 750 p.

AMURSKAYA OBLAST'. Upravlenie vnutrennikh del. Arkhivnyi otdel. [October on the Amur; collected documents, 1917-1922] Oktiabr' na Amure, sbornik dokumentov, 1917-1922. Blagoveshchensk, Amurskoe knizhnoe izd-vo, 1961. 456 p.

ANDRONOV, S. A. [The newspaper "Pravda"; the militant weapon of the party in 1912-1917] Boevoe oruzhie partii, gazeta "Pravda" v 1012-1917 godakh. [Leningrad] Lenizdat, 1962. 482 p.

AVAKOV, R. M. [At the crossroads of history, the nature and motive force of the present-day national liberation struggle] Na istoricheskom pereput'e, o kharakture sovremennoi natsional'no-osvoboditel'noi bor'by i ee dvizhushchikh silakh. Moskva, Gospolitizdat, 1962. 59 p.

AZIZBEKOVA, P. A., comp. [Letters of Azerbaijan workers to V. I. Lenin, 1920-1924] Pis'ma trudiashchikhsia Azerbaidzhana V. I. Leninu, 1920-1924 gg. Baku, Izd-vo Akad. nauk Azerbaidzhanskoi SSR, 1962. 335 p

BAZILI, K. M. [History and political status of Syria and Palestine under Turkish rule] Siriia i Palestina pod Turetskim pravitel'stvom v istoricheskom i politicheskom otnoshenii. Moskva, Izd-vo vostochnoi lit-ry, 1962. 325 p.

BEREZOV, P. I. [Revolutionary events; studies on the Great October Revolution in Petrograd] Revoliutsiia sovetskikh"; ocherki o Velikom Oktiabre v Petrograde. Moskva, Gospolitizdat, 1962. 200 p.

BEREZOV, P. I. [Volley of shots from the "Avrora." Zalp "Avrory." Moskva, Gospolitizdat 1962. 77 p. (Stranitsy istorii Sovetskoi Rodiny)

BOLDYREV, B. G. [How imperialist states used loans in their efforts to enslave China, 1840-1948] Zaimy kak orudie zakabaleniia Kitaia imperialisticheskimi derzhavami, 1840-1948 gg. Moskva, Gosfinizdat, 1962. 222 p.

[BOLSHEVIK PRESS; an outline history from 1894 to 1917] Bol'shevistskaia pechat'; kratkie ocherki istorii 1894-1917 gg. Moskva, Gospolitizdat, 1962. 567 p.

CHERNIAK, E. B. [Antihistorical historiography, critical evaluation of reactionary historiography in the age of the collapse of capitalism] Istoriografiia protiv istorii; kritika reaktsionnoi istoriografii epokhi krusheniia kapitalizma. Moskva, Izd-vo In-ta mezhdunarodnykh otnoshenii, 1962. 306 p.

CHONOS, TSENA. [I'll tell you about my son. Translated from the Bulgarian] IA rasskazhu vam o moem syne. [Moskva] Molodaia gvardiia, 1962. 205 p.

EVSEEV, I. F. [Cooperation between the Ukrainian S. S. R. and the Polish People's Republic, 1944-1960] Sotrudnichestvo Ukrainskoi SSR i Pol'skoi Narodnoi Respubliki, 1944-1960 gg. Kiev, Izd-vo Akad. nauk USSR, 1962. 366 p.

EVSTIGNEEV, G. V. [Flight to freedom] Polet na svobodu. [Izd. 2., dop. i poror.] Moskva, Gospolitizdat, 1962. 94 p. (Geroi i podvigi)
(MH)

FLEROV, V. S., ed. [Revolutionary movement in Siberia and the Far East] Revoliutsionnoe dvizhenie v Sibiri i na Dal'nem Vostoke. [Tomsk] Izd-vo Tomskogo univ., 1960. 1 v.
(RPB)

GABDULLIN, MALIK. [On comrade friends; sketches of the front. Translated from the Kazakh] O druz'iakh-tovarishchakh; frontovye ocherki. Alma-Ata, Kazgoslitizdat, 1961. 100 p.
(MH)

GARIDZHANIAN, G. B. [V. I. Lenin and the liberation of the peoples in Transcaucasia] V. I. Lenin i osvobozhdenie narodov Zakavkaz'ia. Erevan, Armuchpedgiz, 1960. 166 p. illus. [In Armenian]
(NNC)

GAUDIKH, B. V., K. M. TEMIRBAEV, and S. A. IUDACHEV, comps. [Readings on the history of the CPSU in three volumes] Khrestomatiia po istorii KPSS v trekh tomakh. Moskva, Gospolitizdat.
Vol. I. [1883-February 1917] 1883 g. -fevral' 1917 g. 623 p.

GERING, A. A., ed. [Collection in memory of Grand Duke Konstantin Konstantinovich, poet K. R.] Sbornik pamiati Velikogo Kniazia Konstantina Konstantinovicha, poeta K. R. Paris, Izd. Soveta obshche-kadetskikh ob'edinenii za rubezhom, 1962. 144 p.

GORIANOV, B. T. [The late phase of Byzantine feudalism] Pozdnevizantiiskii feodalizm. Moskva, Izd-vo Akad. nauk SSSR, 1962. 501 p.

GORKI (Moscow Province) TSentral'nyi muzei V. I. Lenina. [Gorki Lenin-kiye] Gorki Leninskie. Moskva, Gos. izd-vo polit. lit-ry, 1960. 32 p. (chiefly illus.)
(NNC)

GRANOVSKII, T. N. [Lectures on the history of the Middle Ages, synopsis by the author and notes taken by the listeners] Lektsii po istorii srednevekov'ia, avtorskii konspekt i zapisi slushatelei. Predisl., podgotovka teksta i primechanii S. A. Asinovskoi. Moskva, Izd-vo Akad. nauk SSSR, 1961. 238 p.
(RPB)

[INVISIBLE FRONT; reminiscences of former prisoners of the Sachsenhausen concentration camp] Nezrimyi front; vospominaniia byvshikh uznikov kontslageria "Zaksenkhauzen." [Sost. V. I. Savost'ianov] Moskva, Voen. izd-vo, 1961.
(NNC)

IUDENKOV, A. F. [In the ring of fire] V ognennom kol'tse. Moskva, Voenizdat, 1962. 195 p. (Geroicheskoe proshloe nashei rodiny)

IZMAILOVA, B., V. KANARSH, and L. SEDOVA. [Soviet Daghestan, a recommended reading list on the history of Daghestan] Sovetskii Dagestan; rekomendatel'nyi ukazatel' literatury po istorii Dagestana. Makhachkala, Dagestanskoe knizhnoe izd-vo, 1960. 73 p

KARATEEV, M. [Karach-murza (Tver versus Moscow); an historical novel on the epoch of Grand Duke Dmitrii of the Don, 14th century] Karach-murza (Tver' protiv Moskvy); istoricheskii roman epokhi kniazhenia Dmitriia Donskogo, XIV vek. Buenos Aires, Izd. avtora, 1962. 399 p.

KARY-NIIAZOV, T. N. [On the cultural heritage of the Uzbek people] O kul'turnom nasledii uzbekskogo naroda. Tashkent, Izd-vo Akad. nauk UzSSR, 1960. 37 p.
(NNC)

KHMIL', I. S. [We carried the banner of peace through the flame of war; foreign relations of the Ukrainian S. S. R. in 1917-1920] S praporom miru kriz' polum'ia viiny; dyplomatychna diial'nist' Ukrains'koi RSR, 1917-1920. Kyiv, Vyd-vo Akad. nauk URSR, 1962. 353 p.

KLADT, A. P., and V. A. KONDRAT'EV. [A true story of the "gold train"] Byl' o "zolotom eshelone." Moskva, Gospolitizdat, 1962. 110 p.

KOMMUNISTICHESKAIA PARTIIA SOVETSKOGO SOIUZA. Vysshaia partiinaia shkola. Kafedra istorii mezhdunarodnogo rabochego i natsional'no-osvoboditel'nogo dvizheniia. [Outline for the course "International relations and foreign policy of the U. S. S. R." (1917-1962); for evening universities of Marxism-Leninism] Programma kursa "Mezhdunarodnye otnoshenia i vneshniaia politika SSSR," 1917-1962 gg.; dlia vechernikh universitetov marksizma-leninizma. Moskva, Gospolitizdat, 1962. 30 p.

KOPECKÝ, VÁCLAV. [Memoirs, from the history of the Czechoslovak Republic and the struggle of the Communist Party of Czechoslovakia for the victory of socialism] Vospominaniia; iz istorii Chekhoslovatskoi respubliki i bor'by Kommunisticheskoi partii Chekhoslovakii za pobedu sotsializma. Moskva, Izd-vo inostr. lit-ry, 1962. 638 p. [Publ. in Czech as CSR a KSC, Pamětní ....]

KUDRIASHOV, K. V. [Moscow in 1812] Moskva v 1812 godu. [Moskva] Mosk. rabochii, 1962. 94 p.

KUDRIASHOV, K. V., and A. M. IANOVSKII. [Moscow in the distant past; studies on the life, usages, and customs of Moscow in the 16th and 17th centuries] Moskva v dalekom proshlom; ocherki gorodskoi zhizni, byta i nravov Moskvy XVI - XVII vekov. [Moskva] Mosk. rabochii, 1962. 394 p.

KUDRIAVTSEV, F. A., ed. [Harbinger of the revolutionary storm, a historical study, source materials, and reminiscences] Predvestnik revoliutsionnoi buri; istoricheskii ocherk, dokumenty, vospominaniia. [Irkutsk] Irkutskoe knizhnoe izd-vo, 1962. 208 p.

KUNINA, M. L. [Basic characteristics of the historical development of European and American countries, from 1870 to 1917] Osnovnye osobennosti istoricheskogo razvitiia stran Evropy i Ameriki, 1870-1917 gg. Moskva, Vysshaia shkola, 1962. 33 p. (V pomoshch' studentu-istoriku)

LENIN, V. I. [Complete works] Polnoe sobranie sochineniĭ. Izd. 5. Moskva, Gos. izd-vo polit. lit-ry.
Vol. 31. [March-April 1917] Mart-aprel' 1917. 1962. 671 p.

LEZIN, M. A. [Recollections of a Bolshevik] Vospominaniia bol'shevika. Kazan', Tatarskoe knizhnoe izd-vo, 1961. 119 p.
(CSt-H)

LIETUVOS TSR MOKSLU AKADEMIJA, Vilna. Istorijos institutas. [Lithuanian inventories of the 17th century; collection of documents] Lietuvos inventoriai XVII a; dokumentu rinkinys. Sudare K. Jablonskis ir M. Jucas. Vilnius, Valstyvine politines ir mokslines literaturos leidykla, 1962. 461 p. [In Lithuanian]

LIKHACHEV, D. S. [Culture of Russia at the time of Andrei Rublev and Epifanii Premudryi; the end of the 14th and beginning of the 15th century.] Kul'tura Rusi vremeni Andreia Rubleva i Epifaniia Premudrogo, konets XIV - nachalo XV v. Moskva, Izd-vo Akad. nauk SSSR, 1962. 171 p. (Akademiia nauk SSSR Nauchno-populiarnaia seriia)

LIPKINA, A. G. [Siberia in 1919; the struggle against the Kolchak government] 1919 god v Sibiri, bor'ba s kolchakovshchinoi. Moskva, Voenizdat, 1962. 233 p.

MANFRED, A. Z. Marat. Moskva, Izd-vo "Molodaia gvardiia," 1962. 352 p. (Zhizn' zamechatel'nykh liudei. Seriia biografii, no. 8(341))

MEDVEDEV, D. N. [This happened near Rovno] Eto bylo pod Rovno. Moskva, Detgiz, 1962. 206 p. (Shkol'naia biblioteka)

MILIAVSKII, I. L. [Downfall of the "two-headed" eagle. Padenie dvuglavogo orla. Moskva, Gospolitizdat, 1962. 77 p. (Stranitsy istorii Sovetskoi Rodiny)

MIROVITSKAIA, R. A. [The movement in China for the recognition of Soviet Russia, 1920-1924] Dvizhenie v Kitae za priznanie Sovetskoi Rossii, 1920-1924. Moskva, Izd-vo vostochnoi lit-ry, 1962. 67 p.

MOLNAR, ERIK. [Problems of the ethnogenesis and the ancient history of the Hungarian people] Problemy etnogeneza i drevnei istorii vengerskogo naroda. Budapest, Academia scientiarum Hungarica, 1955. 137 p. (Studia historica Academiae scientiarum Hungaricae, no. 13) [Summary in French]
(MiU)

NAUCHNAIA KONFERENTSIIA PO ISTORII SIBIRI I DAL'NEGO VOSTOKA, Irkutsk, etc., 1960. [Studies of the Conference on the History of Siberia and the Far East; papers delivered at the plenary session and at the meetings of the Section of Prerevolutionary History, Archaeology, and Ethnography, March 1960] Voprosy istorii Sibiri i Dal'nego Vostoka; trudy; materialy plenarnogo zasedaniia i sektsii istorii dosovetskogo perioda, arkheologii i etnografii, mart 1960. Novosibirsk, Izd-vo Sibirskogo otd-niia AN SSSR, 1961. 401 p.

PETROV, I. E. [Chuvashia during the first years of the dictatorship of the proletariat] Chuvashiia v pervye gody diktatury proletariata. Cheboksary, Chuvashskoe gos. izd-vo, 1961. 355 p.
(MiU)

PLATONOV, N. E. [Squadron of heroes] Eskadril'ia geroev. Moskva, Voenizdat, 1962. 94 p.

POSTOVSKAIA, N. M. [Soviet studies in the field of the ancient history of the Near East, 1917-1959] Izuchenie drevnei istorii Blizhnego Vostoka v Sovetskom Soiuze, 1917-1959 gg. Moskva, Izd-vo Akad. nauk SSSR, 1961. 438 p.

ROSTUNOV, I. I. [In the region crossed by the "Old Smolensk Road."] Na starol Smolenskol doroge. Moskva, Voenizdat, 1962. 70 p. (Geroicheskoe proshloe nashei strany)

SARDARIAN, S. A. [Stone Age in Armenia] Paleolit v Armenii. Otv. red. M. S. Asratian. Erevan [Izd-vo Akad. nauk Armianskoi SSR] 1954. 182 p. illus. 32 plates, map.
(ICU)

SELESHNIKOV, S. I. [History of the calendar and its forthcoming reform] Istoriia kalendaria i ego predstoiashchaia reforma. [Leningrad] Lenizdat, 1962. 130 p.

SEMENOV, V. F. [History of the Middle Ages; a textbook for pedagogical institutes] Istoriia srednikh vekov, uchebnik dlia pedagogicheskikh institutov [Izd. 2.] Moskva, Uchpedgiz, 1961. 586 p. maps.

SIKIRIANSKAIA, L. A. [Great march of the Chinese Red Army, 1934-1936] Velikii pokhod kitaiskoi Krasnoi armii, 1934-1936 gg. Moskva, Izd-vo vostochnoi lit-ry, 1962. 90 p.

SOLONTSOV, Z. M. [Diplomatic struggle of the U. S. A. for the dominion of the sea and conflicts among imperialist states, 1918-1945] Diplomaticheskaia bor'ba SShA za gospodstvo na more i protivorechiia imperialisticheskikh derzhav, 1918-1945 gg. Moskva, Izd-vo In-ta mezhdunarodnykh otnoshenii, 1962. 415 p.

al-TABARTI. [Amazing history of the past in the biographies of public figures and the chronicle of historical events] Adzha'ib al-asar fi-t-taradzhim va-l-akhbar (udivitel'naia istoriia proshlogo v zhizneopisaniiakh i khronike sobytii) Moskva, Izd-vo vostochnoi lit-ry. (Akademiia nauk SSSR. Institut narodov Azii. Pamiatniki literatury narodov Vostoka. Perevody, no. 4)
Vol. 3. Pt. 1. [Egypt during the Expedition of Bonaparte, 1798-1801] Egipet v period ekspeditsii Bonaparta, 1798-1801. Perevod, predisl. i primechaniia I. M. Fil'shtinskogo. 1962. 639 p.

TARLE, E. V. Borodino. Moskva, Izd-vo Akad. nauk SSSR, 1962. 94 p.

TARLE, E. V. [Works in twelve volumes] Sochineniia v dvenadtsati tomakh. Moskva, Izd-vo Akad. nauk SSSR.
Vol. 12. 1962. 534 p.

TEREKHOV, M. M., comp. [Chrestomathy for outside reading; evening sessions on history] Khrestomatiia po vneklassnoi rabote; shkol'nye istoricheskie vechera. Posobie dlia uchitelia. Moskva, Uchpedgiz, 1960. 433 p.
(CLU)

TIKHOMIROV, M. N. [Russia in the 16th century] Rossiia v XVI stoletii. Moskva, Izd-vo Akad. nauk SSSR, 1962. 582 p.

TIURIN, V. A. [How the British conquered Malaya] Zavoevanie Malaii Angliei. Moskva, Izd-vo vostochnoi lit-ry, 1962. 198 p.

UKR[illegible] [illegible] nts
[illegible] ements
i materialy. [Khar'kov] Khar'kovskoe knizhnoe izd-vo, 1961. 324 p.

VILENKINA, E. E. [Foreign languages in V. I. Lenin's life and work] Inostrannye iazyki v zhizni i deiatel'nosti V. I. Lenina. Moskva, Gos. uchebno-pedagog. izd-vo, 1960. 65 p.
(NNC)

VOROB'EV, L. V. [Philosophical and sociological views of Liuben Karavelov] Filosofskie i sotsiologicheskie vozzreniia Liubena Karavelova. [Moskva] Izd-vo Mosk. univ., 1962. 104 p.
(MH)

ZUSMANOVICH, A. Z. [How imperialists seized and divided the Congo Valley, 1870-1894] Imperialisticheskii razdel basseina Kongo, 1870-1894 gg. Moskva, Izd-vo vostochnoi lit-ry, 1962. 355 p.

5. SOCIAL SCIENCES

ADAMOVICH, G. V. [Contribution of Russian emigrés to world culture] Vklad russkoi emigratsii v mirovuiu kul'turu. Paris, 1961. 18 p.
(NjP)

AIRAPETIAN, M. E., and L. A. ONIKOV. [Economics and foreign policy] Ekonomika i vneshniaia politika. Moskva, Izd-vo "Znanie," 1962. 46 p. (Novoe v zhizni, nauke, tekhnike. VII Seriia: Mezhdunarodnaia, no. 16)

AKADEMIIA NAUK GRUZINSKOI SSR, Tiflis. Institut ekonomiki. [The Georgian S. S. R.; concise historical and economic study] Gruzinskaia SSR; kratkii istoriko-ekonomicheskii ocherk. Pod red. P. V. Gugushvili. Tbilisi, Izd-vo Soiuza pisatelei Gruzii "Zaria Vostoka," 1961. 133 p.
[MICROFILM]

AKADEMIIA NAUK KAZAKHSKOI SSR. Alma-Ata. Institut iazykoznaniia. [Russian-Kazakh dictionary] Russko-kazakhskii terminologicheskii slovar'. Ata, Izd-vo Akad. nauk Kazakhskoi SSR.
Vol. 10. Khasenov, S., E. Zhanpeisov, and B. Mambetov. [Terms used in railroad transportation] Terminy zheleznodorozhnogo transporta. Pod obshchei red. A. A. Imanova. 1962. 160 p.

AKADEMIIA NAUK SSSR. Institut ekonomiki. [The foundation of a socialist economy in the U. S. S. R., 1926-1932] Postroenie fundamenta sotsialisticheskoi ekonomiki v SSSR, 1926-1932 gg. Moskva, Izd-vo Akad. nauk SSSR, 1960. 573 p.
(RPB)

AKADEMIIA NAUK SSSR. Institut mirovoi ekonomiki i mezhdunarodnykh otnoshenii. [Problems of the economy and politics of France after the Second World War] Problemy ekonomiki i politiki Frantsii posle vtoroi mirovoi voiny. Moskva, Izd-vo Akad. nauk SSSR, 1962. 603 p.

AKADEMIIA NAUK URSR, Kiev. Instytut istorii. [Chronicle of the building of communism in the Ukraine; the events of 1950-1961] Litopys komunistychnoho budivnytstva; khronika podii na Ukraini 1950-1961. Kyiv, Vyd-vo Akad. nauk URSR, 1962. 421 p.

AKADEMIIA NAUK BSSR, Minsk. Instytut ekonomiki. [Economics of the peat industry] Ekonomika torfianoi promyshlennosti. Minsk, Akad. nauk BSSR, 1962. 364 p.
(MiU)

ALEKSEEV, V. G. [Samara Province Party organization in the struggle for the reconstruction of the national economy, 1921-1925] Partiinaia organizatsiia Samarskoi gubernii v bor'be za vosstanovlenie narodnogo khoziaistva, 1921-1925 gg. [Kuibyshev] Kuibyshevskoe knizhnoe izd-vo, 1961. 83 p. (Iz istorii Kuibyshevskoi organizatsii KPSS)
(CSt-H)

ALYSHBAEV, D. A., and D. A. DRUKER. [Problems of the development and distribution of the most important branches of industry in Kirgizistan] Voprosy razvitiia i razmeshchenila vazhneishikh otraslei promyshlennosti Kirgizii. Frunze, Izd-vo Akad. nauk Kirgizskoi SSR, 1962. 29 p.

ANTONOV, V. A., and I. E. MAMIOFA. [Creators of new and progressive, Leningrad inventors and technicians promoters in the effort for technological progress] Tvortsy novogo, progressivnogo; leningradskie izobretateli i ratsionalizatory v bor'be za tekhnicheskii progress. [Leningrad] Lenizdat, 1962. 84 p. (Reshenila XXII s"ezda KPSS - v zhizn')

AVREKH, L. I. [Tambov Party organization in the struggle for postwar reconstruction and development of the national economy; 1945-1953] Tambovskaia partiinaia organizatsiia v bor'be za poslevoennoe vosstanovlenie i razvitie narodnogo khoziaistva, 1945-1953 gg. [Tambov] Tambovskoe knizhnoe izd-vo, 1961. 64 p. (Iz istorii Tambovskoi organizatsii KPSS)
(CSt-H)

BABOSOV, E. M. [The new man is trained in collective work] V kollektivnom trude vospityvaetsia novyi chelovek. Minsk, 1962. 31 p. (Obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii Belorusskoi SSR, no. 12)

BAEV, S. M. [Ways to increase labor productivity in maritime transportation during the seven-year plan; lecture given for students of the applied economics of maritime transportation] Puti povysheniia proizvoditel'nosti truda na morskom transporte v semiletke. Lektsiia, prochitannaia dlia izuchaiushchikh kurs nauku ekonomiku morskogo transporta. Moskva, "Morskoi transport," 1959. 30 p. (Ekonomika i ekspluatatsiia morskogo transporta)

BALIKHIN, M. I., and V. L. KOVNAT. [Planning of production and economic activity of building organizations] Planirovanie proizvodstvenno-khoziaistvennoi deiatel'nosti stroitel'nykh organizatsii. 2. izd. perer. i dop. Moskva, Gosstroiizdat, 1962.

BARANOV, I. I., G. S. LAPSHIN, and V. I. MISHIN. [How to organize work with efficiency promoters in the enterprise] Kak organizovat' rabotu s ratsionalizatorami na predpriiatii. [Moskva] Profizdat, 1962. 67 p.

, G. M., N. P. RLVOLIN, and IA. KLLINETTLD
ation of wages in the enterprises of the
materials industry] Organizatsiia zarabotnoi
predpriiatiiakh promyshlennosti stroitel'nykh
lov. Moskva, Gosstroiizdat, 1962. 300 p.

RKOVSKII, I. G., , M. G. CHENTEMIROV, and
IUMINKOV. [New developments in planning
construction, practices of the Kuybyshev
ic Council] Novoe v planirovanii truda v stroi-
, opyt Kuibyshevskogo sovnarkhoza. Moskva,
stizdat, 1962. 57 p.

I, A. IA. [Studies on mathematical economics]
stiko-ekonomicheskie ocherki. Moskva, Gosst-
at, 1962. 399 p.

KH, D. I. [Labor productivity in agriculture,
ting and planning methods] Proizvoditel'nost'
sel'skom khoziaistve, metodika ucheta i
ovaniia. Moskva, Sel'khozizdat, 1962. 130 p.

.NKO, B. I. [Kazakhstan today and tomorrow]
stan segodnia i zavtra. Moskva, Izd-vo
," 1962. 28 p. (Novoe v zhizni, nauke,
e. XII Seriia. Geologiia i geografiia, no. 15)

, E. IA. [The cycle and turnover of capital]
iklet i oborot kapitala. Moskva, Izd-vo Iu-ta
unarodnykh otnoshenii, 1962. 66 p. (Lektsii po
henkoi ekonomii, no. 6)

A. L., comp. [Scouts of the future speak out]
ii razvedchiki kommunizma. [Kuibyshev,
ivzskoe knizhnoe izd-vo, 1960] 320 p. illus.
II) (CSL-H)

, L. I. [Rural policy of the party, work of the
o Party organization, 1917-1934] Politika partii
vom; iz opyta raboty Ivanovskoi partiinoi organi-
, 1917-1934 gg. [Ivanovo] Ivanovskoe knizhnoe
, 1961. 63 p.
SL-H)

'R, M. I., I. S. BOGDANOV, and L. S. MASLOVA.
ia of signaling and communication workers,
al] Oplata truda rabotnikov signalizatsii i sviazi,
ochnik. Pod obshchei red. I. F. Urchenko.
va, Transzheldorizdat, 1962. 103 p.

, P. I. [Rural areas on the road toward social-
Derevnia na puti k kommunizmu. Moskva,
olitizdat, 1962. 69 p. (V pomoshch' izucha-
iiu materialy XXII s"ezda KPSS)

VIANI, K. N. [Viticulture and its place in the
omy of Soviet Georgia] Vinogradie i ego mesto v
omike Sovetskoi Gruzii. Tbilisi, Izd-vo AN
SR "Zarya Vostoka," 1962. 205 p.

AKOV, V. A. [Economics and policy of monopo-
e capital] Ekonomika i politika monopolisticheso-
kapitala. Moskva, Izd-vo "Znanie," 1962.
(Novoe v zhizni, nauke, tekhnike. III Seriia
nomika, no. 15)

OV, B. A., and M. M. ROZHIN. [Potentials for
ing the production costs of coal, from the
iences of Mine No. 25 of the "Vorkutugol'" Combine]
zvy snizheniia sebestoimosti uglia; iz opyta raboty
hty No. 25 kombinata "Vorkutugol'." Syktyvkar,
i knizhnoe izd-vo, 1959. 37 p.

NOMICS AND FINANCE OF SOCIALIST ENTER-
ISES] Ekonomika i finansy sotsialisticheskikh
prriatii. Moskva, Gosfinizdat, 1962. 464 p.

NOMICS OF SOCIALIST INDUSTRY; popular text-
k] Ekonomika sotsialisticheskoi promyshlennosti;
uliarnoe uchebnoe posobie. Moskva, Gospolitizdat,
2. 302 p.

SENKO, V. S. [How the Bolsheviks struggled for
atrol by the workers, March-July 1917; based on
terials of the Donets Basin] Bol'sheviki v bor'be
rabochii kontrol', mart-iiul' 1917 goda; po mate-
alam Donbassa. [Moskva] Izd-vo Mask. univ., 1962.
p.

TIEV, N. A. [British emigration and the class
uggle in England from 1825 to 1850] Narodnaia
migratsiia i klassovaia bor'ba v Anglii v 1825-1850 gg.
skva, Izd-vo Akad. nauk SSSR, 1962. 534 p.
storiia angliiskogo rabochego dvizheniia v novoe
emia)

PKIN, V. G., G. M. GLADKOV, and G. L. FORER.
/ages on the collective farms of Kirghizistan]
ilata truda v kolkhozakh Kirgizii. Frunze, Izd-vo
ad. nauk Kirgizskoi SSR, 1961. 214 p.

FAZYLKHODZHAEV, K. F., and V. G. ZHELEZOV-
SKAIA. [Soviet Uzbekistan in the family of the friendly peoples of the U. S. S. R.] Sovetskii Uzbekistan v druzhnoi sem'e narodov SSSR. Moskva, Izd-vo "Znanie," 1962. 46 p. (Novoe v zhizni, nauke, tekhnike. I Seriia: *Istoriia, no. 17*)

FEDOROVICH, M. M. [Mathematical model of the technical, industrial and financial plan] Matematicheskaia model' tekhpromfinplana. Moskva, Izd-vo "Znanie," 1962. 61 p. (Novoe v zhizni, nauke, tekhnike III Seriia. Ekonomika, no. 13/14)

[FINANCIAL PRACTICE IN INDUSTRY, from the work practice of enterprises and regional economic councils] Finansovaia rabota v promyshlennosti, iz opyta raboty predpriiatii i sovnarkhozov. Moskva, Gosfinizdat, 1962. 166 p.

FRANTSMAN, B. I. [Technical and economic planning in printing enterprises] Tekhniko-ekonomicheskoe planirovanie poligraficheskikh predpriiatii. Pod red. I. M. Kheifetsa. Moskva, Iskusstvo, 1962. 298 p.

FRIT, I. I. [The credit and foreign exchange policy of capitalist countries] Kreditnaia i valiutnaia politika kapitalisticheskikh stran. Moskva, Vneshtorgizdat, 1962. 213 p.

GALKIN, I. G. [Problems of rhythm and operation completion in construction] Voprosy ritmichnosti i zadela v stroitel'stve. Moskva, Gosstroiizdat, 1962. 168 p. (Voprosy ekonomiki stroitel'stva)

GALUZEVSKII, G. N. [Accounting in repair and construction organizations] Bukhgalterskii uchet v remontno-stroitel'nykh organizatsiiakh. Moskva, Izd-vo M-va kommun. khoz. *RSFSR, 1962.* 182 p.

GUEVSKII, I. A. [Devoted servants of the monopolies] Vernye slugi monopolii. [Moskva] Profizdat, 1962. 101 p.

GEMBEL', A. V., D. M. PINKHENSON, and N. IA. PODOPLELOV. [Natural resources of the U. S. S. R. serve the building of communism] Prirodnye bogatstva SSSR na sluzhbe kommunisticheskogo stroitel'stva. Leningrad, Ob-vo po rasprostraneniiu polit. i nauch. znanii RSFSR, 1959. 33 p.
(NNC)

GEN'KIN, D. E. [Leningrad harbor longshoremen are striving for communist labor.] Rechniki Leningradskogo porta v boiu za kommunisticheskii trud. Leningrad, Izd-vo "Rechnoi transport," 1961. 46 p.

GOLOVANOV, IA. K., and V. V. ORLOV. [Great figures of a great plan] Velikie liudi velikogo plana. Moskva, Sovetskaia Rossiia, 1962. 62 p.

GONCHARUK, V. KH. [One of the first] Odna iz pervykh. [Moskva] Mosk. rabochii, 1962. 33 p. (Novatory semiletki)

GOROVOI, F. S. [Emancipation of serfs in the mineral industries of the Ural Mountain region] Padenie krepostnogo prava na gornykh zavodakh Urala. [Perm'] Permskoe knizhnoe izd-vo, 1961. 400 p.

GRECHKO, V. V. [Agriculture in Osh Province; economic and geographic characteristics] Sel'skoe khoziaistvo Oshskoi oblasti; ekonomiko-geograficheskaia kharakteristika. Frunze, Izd-vo Akad. nauk Kirgizskoi SSR, 1962. 73 p.

GRIGOR'EV, V. K. [Rights and duties of members of collective farms] Prava i obiazannosti chlenov kolkhoza. Moskva, Gos. izd-vo iurid. lit-ry, 1963. 61 p. (Populiarnaia iuridicheskaia literatura)
(ICU)

GRUNTFEST, I. L., and B. S. SHCHEGLOV. [Accounting at an industrial plant] Bukhgalterskii uchet v promyshlennom predpriiatii. 2., perer. izd. Minsk, Gos. izd-vo BSSR, 1961. 385 p.
(MH)

GUGOV, R. KH. [The Kabardino-Balkar A. S. S. R. in the early phase of the socialist reconstruction of the Soviet national economy, 1926-1929] Kabardino-Balkariia v pervye gody sotsialisticheskoi rekonstruktsii narodnogo khoziaistva SSSR, 1926-1929 gg. Pod red. Kh. G. Buriketova. Nal'chik, Kabardino-Balkarskoe knizhnoe izd-vo, 1961. 166 p.

GUTAROV, A. N. [School of management] Shkola upravleniia. [Leningrad] Lenizdat, 1962. 37 p.

GVOZDEV, A. P., and L. M. CHERNIAVSKII. [Organizing a centralized operation service] Organizatsiia tsentralizovannoi eksploatatsionnoi sluzhby. Moskva, Avtotransizdat, 1962. 79 p. (Obmen tekhnicheskim opytom avtotransportnykh predpriiatii)

HONG KUOK V'ET. [Trade-union movement in Vietnam] Profsoiuznoe dvizhenie V'etnama. [Moskva] Profizdat, 1962. 62 p.

HRYSHKO, VASYL'. [Young Ukraine of the postrevolutionary 40 years under the soviets, general survey and some results of the struggle for youth and the struggle of youth in the Soviet Ukraine for 40 years, 1918-1958] Moloda Ukraina porevoliutsiinoho sorokalittia pid Sovetamy, zahal'nyi ohliad i deiaki pidsumky *borot'by za molod' ta borot'by molodi v pidsovets'kii* Ukraini za 40 rokiv, 1918-1958. [Neu-Ulm] Ukraina, 1958. 224 p.
(NN)

IAKOVLEV, A. N. [Old myth in the New World] Staryi mif v Novom Svete. Moskva, Izd-vo "Znanie," 1962. 30 p. (Novoe v zhizni, nauke, tekhnike. II Seriia: Filosofiia, no. 18)

IARKOV, V. V. [Learn to manage] Uchis' khoziaistvovat'. Sverdlovsk, Metallurgizdat, 1961. 43 p. (Osnovy ekonomiki predpriiatii chernoi metallurgii)

INDIKT, E. A., P. I. GAIDAENKO, and V. P. SOBOLEV. [Organizing the operation of a large automotive transportation unit] Organizatsiia proizvodstva v krupnom avtokhoziaistve. Moskva, Avtotransizdat, 1962. 111 p. (Obmen tekhnicheskim opytom avtotransportnykh predpriiatii)

[INITIATORS OF THE NEW IN THE SEVEN-YEAR PLAN; people of labor exploits] Zachinateli novogo v semiletke; liudi trudovogo podviga. [Moskva] Profizdat, (Massovaia biblioteka rabochego)
No. 8. 1962. 79 p.

IVANOV, N. I. [Economic cooperation and the mutual help of socialist countries] Ekonomicheskoe sotrudnichestvo i vzaimopomoshch' stran sotsializma. Moskva, Sotsekgiz, 1962. 321 p.

KALININ, P. E. [Economics and the organization of production in heat-treatment workshops] Ekonomika i organizatsiia proizvodstva v termicheskikh tsekhakh. Moskva, Mashgiz, 1962. 111 p.

KAPRANOV, I. A. [The two types of aid] Dva vida pomoshchi. Moskva, Izd-vo "Znanie," 1962. 31 p. (Novoe v zhizni, nauke, tekhnike. VII Seriia. Mezhdunarodnaia, no. 17)

KARPOV, B. D. and N. I. KARPOVA. [Work hygiene in the plastics industry (laminates)] Gigiena truda v proizvodstve plasticheskikh mass; slioistye plastiki. Leningrad, Medgiz, 1962. 30 p. (Nauchno-populiarnaia meditsinskaia literatura)

KASITSKII, I. IA. [On the "industrial virgin land."] O "promyshlennoi tseline." Moskva, Izd-vo "Znanie," 1962. 45 p. (Narodnyi universitet kul'tury Tekhniko-ekonomicheskii fakul'tet, no. 9)

KHRUSHCHEV, N. S. [Vital problems in the development of the world socialist system] Nasushchnye voprosy razvitiia mirovoi sotsialisticheskoi sistemy. Moskva, Gospolitizdat, 1962. 46 p.

KLISOV, V. G. [Trade-union committee works on a volunteer basis] Komitet profsoiuza rabotaet na obshchestvennykh nachalakh. [Moskva] Profizdat, 1962. 63 p.

KLUSHIN, A. P. [In order to guarantee quality] Chtoby kachestvo bylo garantirovano. [Leningrad] Lenizdat, 1962. 80 p. (Novoe v khodit v zhizn')

KOLOMIETS, I. G. [Socioeconomic relations and social movements in Transcarpathia in the second half of the 19th century] Sotsial'no-ekonomicheskie otnosheniia i obshchestvennoe dvizhenie v Zakarpat'e vo vtoroi polovine XIX stoletiia. Tomsk, Izd-vo Tomskogo univ.
Vol. I. [Agriculture and agrarian relations] Sel'skoe khoziaistvo i agrarnye otnosheniia. 1961. 403 p.

KOMMUNISTICHESKAIA PARTIIA SOVETSKOGO SOIUZA. Vysshaia partiinaia shkola. [Economics of agricultural enterprises; textbook] Ekonomika sel'skokhoziaistvennykh predpriiatii; uchebnoe posobie. Moskva, *Gospolitizdat, 1962.* 510 p.

KOMMUNISTICHESKAIA PARTIIA SOVETSKOGO SOIUZA. Vysshaia partiinaia shkola. [Economics of industrial enterprises; textbook] Ekonomika promyshlennykh predpriiatii; uchebnik. 2., perer. i dop. izd. Moskva, Gospolitizdat, 1962. 574 p.

KOMMUNISTICHESKAIA PARTIIA SOVETSKOGO SOIUZA. Vysshaia partiinaia shkola. Kafedra istorii mezhdunarodnogo rabochego i natsional'no-osvoboditel'nogo dvizheniia. [History of the international labor and national liberation movement] Istoriia mezhdunarodnogo rabochego i natsional'no-osvoboditel'nogo dvizheniia. Izd. 2., ispr. i dop. Moskva, Izd-vo VPSh i AON pri TsK KPSS.
Pt. 1. [From 1760 through 1780 to 1917, textbook] 60 - 80-e gody XVIII v. -1917 g., uchebnoe posobie. 1962. 647 p.

KOMMUNISTICHESKAIA PARTIIA SOVETSKOGO SOIUZA. Vysshaia partiinaia shkola. Kafedra sovetskoi ekonomiki. [Course outline on the economics of agricultural enterprises for economics groups and seminars of the system of political education] Programma po ekonomike sel'skokhoziaistvennykh predpriiatii dlia ekonomicheskikh kruzhkov i seminarov sistemy politicheskogo prosveshcheniia. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1962. 31 p.

KOMMUNISTICHESKAIA PARTIIA SOVETSKOGO SOIUZA. Vysshaia partiinaia shkola. Kafedra sovetskoi ekonomiki. [Course outline on the fundamentals of economics of socialist agriculture for state and collective farm workers studying in elementary economics groups and production training classes] Programma po osnovam ekonomiki sotsialisticheskogo sel'skogo khoziaistva dlia rabochikh sovkhozov i kolkhoznikov, zaniamiushchikhsia v nachal'nykh ekonomicheskikh kruzhkakh i shkolakh proizvodstvennogo obucheniia. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1962. 15 p.

KORABEL'NIKOV, I.A. [Thank you, doctor] Spasibo, doktor. [Moskva] Profizdat, 1962. 125 p.

KOROL'KOV, A.N. [Intraplant planning] Vnutrizavodskoe planirovanie. Moskva, Ekonomizdat, 1962. 143 p.

KOROTKOV, D.I., and E.I. IUSHTIN. [Means of individual protection in shipbuilding] Individual'nye sredstva zashchity v sudostroenii. Leningrad, Sudpromgiz, 1962. 103 p. (Biblioteka po tekhnike bezopasnosti)

KOVALEV, G.N., and G.F. SHCHEBUNIAEV. [Wages at plants of the cement, reinforced-concrete, and asbestos-cement industry] Oplata truda na predpriiatiiakh tsementnoi, zhelezobetonnoi i asbestotsementnoi promyshlennosti. Moskva, Izd-vo VTsSPS, 1961. 151 p.
(MH)

KOZOROVITSKAIA, A.D. [Struggle for the unity of the working class in Japan, 1924-1928] Bor'ba za edinstvo rabochego klassa IAponii, 1924-1928 gg. Moskva, Izd-vo vostochnoi lit-ry, 1962. 102 p.

KROTOV, V.A. [Irkutsk Province, a concise survey of its economic geography] Irkutskaia oblast'; kratkii ekonomiko-geograficheskii obzor. Izd. 2., dop. [Irkutsk] Irkutskoe knizhnoe izd-vo, 1960. 44 p. maps.
(NNC)

KUKUSHKIN, IU.S. [The role of rural soviets in the socialist reorganization of rural areas, 1929-1932; based on the materials of the R.S.F.S.R.] Rol' sel'skikh Sovetov v sotsialisticheskom pereustroistve derevni, 1929-1932 gg., po materialam RSFSR. [Moskva] Izd-vo Mosk. univ., 1962. 154 p.

KVACHEV, V.M. [Reducing the cost of production on collective farms; as exemplified by suburban collective farms in Moscow Province] Snizhenie sebestoimosti produktsii v kolkhozakh; na primere prigorodnykh kolkhozov Podmoskov'ia. Moskva, Ekonomizdat, 1962, 66 p. (Ekonomicheskoe samoobrazovanie)

LATYSHEVA, A.V. [Controlling the carrying out of work by the factory and plant local committee] Proverka ispolneniia v rabote fabzavmestkoma. [Moskva] Profizdat, 1962. 62 p. (Bibliotechka profsoiuznogo aktivista, no. 17(41))

LAVROV, A.S., and O.A. LAVROVA. [Comrade child] Tovarishch rebenok. Moskva, Izd-vo "Znanie," 1962. 61 p. (Novoe v zhizni, nauke, tekhnike. XI Seriia: Pedagogika, no. 16)

LEBEDEV, N.N. and A.M. FRIDMAN. [Collection of problems on the economics and planning of the Soviet cooperative trade] Zadachnik po ekonomike i planirovaniiu sovetskoi kooperativnoi torgovli. Moskva, Izd-vo TSentrosoiuza, 1962. 190 p.

LEONOV, I.D. [Twice as fast] Vdvoe bystree. [Leningrad] Lenizdat, 1962. 74 p.

LEONT'EV, L.A. [Primary course in economics] Nachal'nyi kurs politicheskoi ekonomii. 2., perer. izd. Moskva, Gospolitizdat, 1962. 509 p.

LISICHKIN, S.M. [The petroleum industry of the Near, Middle, and Far East] Neftianaia promyshlennost' stran Blizhnego, Srednego i Dal'nego Vostoka. Moskva, Gostoptekhizdat, 1962. 196 p.

LOKSHIN, E.IU. [Main economic problem of the party and the people] Glavnaia ekonomicheskaia zadacha partii i naroda. Moskva, Izd-vo "Znanie," 1962. 30 p. (Novoe v zhizni, nauke, tekhnike. III Seriia: Ekonomika, no. 16)

LUPALO, I.G., comp. [The rear guard] Gvardiia tyla. Moskva, Gospolitizdat, 1962. 447 p.

MAKUENKO, M.M. [Outline of the development of the machinery industry in the U.S.S.R. in 1921-1928] Ocherk razvitiia mashinostroeniia SSSR, v 1921-1928 gg. Kishinev, Gos. izd-vo "Kartia moldovenieske," 1962. 332 p.

MARKUZON, F.D. [Household budgets in capitalist countries, 1918-1932] Biudzhety naselenia v kapitalisticheskikh stranakh v 1918-1932 gg. Pod red. i s predisl. I.IA. Matlukhi. Moskva, Gosstatizdat, 1962. 85 p.

MARX, KARL, and FRIEDRICH ENGELS. [Works] Sochineniia. Izd. 2. Moskva, Gospolitizdat.
Vol. 29. 1962. 729 p.

[MECHANIZATION OF ACCOUNTING AND CALCULATING WORK IN COMMERCE; collected articles on exchange of practice] Mekhanizatsiia ucheta i vychislitel'nykh rabot v torgovle; sbornik statei po obmenu opytom. Moskva, Gostorgizdat, 1962. 78 p.

MELENT'EV, M.A., STYRIKOVICH, and E.O. SHTEINGAUZ. [Fuel and power resources balance of the U.S.S.R.; basic problems in economics and planning] Toplivno-energeticheskii balans SSSR; osnovnye voprosy ekonomiki i planirovaniia. Moskva, Gosenergoizdat, 1962. 207 p.
[MICROFILM]

MEN'SHIKOV, A.S., comp. [Work ennobles and glorifies men] Chelovek krasiv i slaven trudom. Moskva, Gospolitizdat, 1962. 110 p. (Moral'nyi kodeks stroitelia kommunizma)

MERGELOV, G.S. [Planning and financing administrative expenditures] Planirovanie i finansirovanie raskhodov na upravlenie. Moskva, Gosfinizdat, 1962. 58 p. (V pomoshch' finansovomu rabotniku)

MERTSALOV, V.S. [Results of the collectivization of agriculture in the U.S.S.R.] Posledstviia kollektivizatsii sel'skogo khoziaistva v SSSR. Munich, [Institut zur Erforschung der UdSSR] 1957. 19 p. (Perepechatka iz Vestnika Instituta po izucheniiu SSSR, no. 2(23))

MIALKIN, A.V. [Leisure and the all-round development of personality] Svobodnoe vremia i vsestoronnee razvitie lichnosti. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1962. 69 p.

MIKHAILENKO, I.G. and Z.I. PESKIN. [Reference aid on wages in the coal industry] Spravochnoe posobie po oplate truda v ugol'noi promyshlennosti. Moskva, Gosgortekhizdat, 1962. 258 p.

MIKHAILIUK, T.P., comp. [Communist mutual assistance in rural areas] Kommunisticheskaia vzaimopomoshch' na sele. Moskva, Sel'khozizdat, 1962. 208 p.

MIKHALEVICH, A.V. [The young are not greenhorns] Molodo - ne zeleno. Moskva, Izd-vo "Znanie," 1962. 31 p. (Novoe v zhizni, nauke, tekhnike. X Seriia: Molodezhnaia, no. 14)

MOSCOW. AKADEMIIA OBSHCHESTVENNYKH NAUK. [Alliance between the working class and peasantry at the present-day stage] Soiuz rabochego klassa i krest'ianstva na sovremennom etape. Moskva, Izd-vo VPSh i AON, 1962. 356 p.

MOSCOW. AKADEMIIA OBSHCHESTVENNYKH NAUK. [Utilization of material and labor resources on collective farms and the improvement of collective farmers' welfare at the present-day stage] Ispol'zovanie material'nykh i trudovykh resursov kolkhozov i povyshenie blagosostoianiia kolkhoznikov na sovremennom etape. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1962. 462 p.

NAUMOV, B.I. [Encouragement and punishment in a family] Pooshchrenie i nakazanie v sem'e. Moskva, Izd-vo "Znanie," 1962. 31 p. (Novoe v zhizni, nauke, tekhnike. XI Seriia: Pedagogika, no. 9)

NAUMOV, G.V. [Western Yakutia, economic and geographical features] Zapadnaia IAkutiia, ekonomiko-geograficheskaia kharakteristika. Moskva, Izd-vo Akad. nauk SSSR, 1962. 140 p.

NI ZHLNTSEV, V.V., V.B. SIVYI, and A.G. SURKOV [Economics and organization of mine haulage] Ekonomika i organizatsiia shakhtnogo transporta. Moskva, Georgtekhizdat, 1962. 199 p.

NIKIFIN, P.I. [Course outline on the fundamentals of economics for the groups in the party education system] Programma po osnovam politicheskoi ekonomii dlia kruzhkov sistemy partiinogo prosveshcheniia. Moskva, Sotsekgiz, 1962. 30 p.

NIKOLAEV, B.S. [Make progressive practice available to every worker] Peredovoi opyt - kazhdomu rabotniku. Moskva, Gospolitizdat, 1961. 54 p. (Ekonomicheskie znaniia - rabochim)

NIKOLAEVA, T.N. [Toward the highest standard of living] K samomu vysokomu zhiznennomu urovniu. Moskva, Gospolitizdat, 1962. 53 p. (V pomoshch' izucheniushchim materialy XXII s'ezda KPSS)

NOVOSELOV, N.S. [Transformation of labor into the prime necessity of life] O prevrashchenii truda v pervuiu zhiznennuiu potrebnost'. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1961. 113 p.
(MH)

OIZERMAN, T.I. [The early history of Marxist philosophy] Formirovanie filosofii marksizma. Moskva, Sotsekgiz, 1962. 549 p.

ORUZBAEV, ASANGALI, KLIRIM DZHUNUSHEV, and SAIDUMAR MANSURKHODZHAEV. [Economy of Kirghizistan during the October Revolution, civil war and foreign intervention, 1917-1920] Narodnoe khoziaistvo Kirgizii v period Oktiabr'skoi revoliutsii, grazhdanskoi voiny i inostrannoi interventsii, 1917-1920 gg. Frunze, Izd-vo Akad. nauk Kirgizskoi SSR, 1962. 116 p.

[OUR MILITANT COMMUNIST YOUTH LEAGUE], the third meeting of graders 7-8] Nash komsomol boievoi. III zakhodynka VII-VIII klasy. Kyiv, Dytvydav, 1962. 88 p. (Znat, umit, zrobyv)

PALGOV, N.N., ed. [The Virgin Territory, brief studies on nature, population and economy] Tselinyi krai, kratkie ocherki o prirode, naselenii i khoziaistve. Alma-Ata, Kazakhskoe gos. izd-vo, 1962. 198 p.
[MICROFILM]

PANOV, A.A., comp. [One hundred years, collected sketches, reminiscences, and documents from the history of the Dzerzhinsk Mine] Sto let, sbornik ocherkov, vospominanii i dokumentov iz istorii shakhty imeni Dzerzhinskogo, Stalino, Kuzbasskoe izd-vo, 1960. 269 p. (Istoriia fabrik i zavodov)
(MH) (NN)

PASHKEVICH, O.N. and P.I. SERDIUKOV. [Communist labor in grades and technological progress] Brigady kommunisticheskogo truda i tekhnicheskii progress. Minsk, Izd-vo Akad. nauk BSSR, 1962. 151 p.

PAVLOV, P.M. [Money during the period of the building of communism] Den'gi v period stroitel'stva kommunizma. Moskva, Gosfinizdat, 1962. 114 p.

PERM. (Province) Oblastnoe statisticheskoe upravlenie. [Economy of Perm Province; statistical collection] Narodnoe khoziaistvo Permskoi oblasti, statisticheskii sbornik. Sverdlovsk, Gos. stat. izd-vo, 1961. 156 p.

PETROV, V.N. [Public labor under socialism and the steady growth of its productivity] Obshchestvennyi trud pri sotsializme i neuklonnyi rost ego proizvoditel'nosti. [Saratov] Izd-vo Saratovskogo univ., 1961. 41 p.

PIRUZIAN, A.S. [Soviet commerce in the Armenian S.S.R.] Sovetskaia torgovlia v Armianskoi SSR. Erevan, Armianskoe gos. izd-vo, 1961. 136 p. illus.
(WU)

PISARETS, I.G. [Foreign economic relations of the Polish People's Republic] Vneshneekonomicheskie sviazi Pol'skoi Narodnoi Respubliki. Moskva, Vneshtorgizdat, 1962. 131 p.

POLIAKOVA, S. K. [Without manual work] Bez ruchnogo truda. Moskva, Gospolitizdat, 1962. 54 p. (V pomoshch' izuchaiushchim materialy XXII s"ezda KPSS)

POLUSHKIN, A. A., and I. P. TURKIN [Propaganda brigades in cities and rural areas] Agitbrigada v gorode i na sele [Moskva] Mosk. rabochii, 1962. 64 p.

POPOV, IU. N. [The working class of Africa in the struggle for unity] Rabochii klass Afriki v bor'be za edinstvo. [Moskva] Profizdat, 1962. 69 p.

[PROBLEMS OF ECONOMIC STATISTICS, collected articles] Voprosy ekonomicheskoi statistiki, sbornik statei. Pod red. T. V. Riabushkina. Moskva, Gosstatizdat.
No. 2. 1960. 132 p.

PROFSOIUZ RABOCHIKH I SLUZHASHCHIKH SEL'SKOGO KHOZIAISTVA I ZAGOTOVOK. TSentral'nyi komitet. [Safety regulations for motor vehicle drivers] Pamiatka po tekhnike bezopasnosti dlia shoferov. Moskva, Sel'khozizdat, 1962. 35 p.

PUTKO, A. D. [Struggle for the mind and heart of youth, imperialist propaganda and youth] Za umy i serdtsa iunykh; imperialisticheskaia propaganda i molodezh'. Moskva, Izd-vo "Znanie," 1962. 46 p. (Novoe v zhizni, nauke, tekhnike. X Serila' Molodezhnaia, no. 15)

RAEVSKAIA, E. S. comp. [Studies on the history of economic thought in Hungary. Translated from the Hungarian] Ocherki istorii ekonomicheskoi mysli Vengrii. Moskva, Sotsekgiz, 1962. 211 p.

RAZUMOV, N. A., and N. V. SAVOSTIKOVA. [Analysis of carrying out the production program in assortment] Analiz vypolneniia proizvodstvennoi programmy po assortimentu. Moskva, Ekonomizdat, 1962. 76 p.

ROMANOVICH, N. D. [Economy and business accounting in ferrous metallurgy] Rezhim ekonomii i khozraschet v chernoi metallurgii. Moskva, Metallurgizdat, 1962. 114 p.

ROZIN, M. S. [Geography of the mining industry of capitalist countries] Geografiia gornodobyvaiushchei promyshlennosti kapitalisticheskogo mira. Moskva, Geogrifgiz, 1962. 556 p.

RUBINOV, M. Z., ed. [Collected problems in accounting] Sbornik zadach po bukhgalterskomu uchetu. Moskva, Gosfinizdat, 1962. 262 p.

RUSSIA (1923- U. S. S. R.) Gosudarstvennyi komitet po delam stroitel'stva. [Handbook of consolidated indices of estimated cost and expenditure of resources] Spravochnik ukrupnennykh pokazatelei smetnoi stoimosti i raskhoda resursov. Utverzhden Gosudarstvennym komitetom Soveta Ministrov SSSR po delam stroitel'stva 10 fevralia 1961 g. Moskva, Gosstroizdat.
No. 1. [Buildings and structures for the production of building materials and elements] Zdaniia i sooruzheniia po proizvodstvu materialov i konstruktsii. 1961. 259 p.

RUSSIA (1923- U. S. S. R.) Gosudarstvennyi komitet po voprosam truda i zarabotnoi platy. [Movement for communist labor in U. S. S. R. Industry] Dvizhenie za kommunisticheskii trud v promyshlennosti SSSR. Moskva, Sotsekgiz, 1962. 146 p.

SARATOV (Province) Statisticheskoe upravlenie. [Economy of Saratov Province in 1960, collected statistics] Narodnoe khoziaistvo Saratovskoi oblasti v 1960 godu, statisticheskii sbornik. Saratov, Gos. stat. izd-vo, 1962. 325 p.

SARKISOV, I. Z. [Relax in the Moscow environs, handbook on rest homes and sanatoriums] Otdykhaite v Podmoskov'e, spravochnik o domakh otdykha i sanatoriiakh. [Moskva] Mosk. rabochii, 1962. 191 p.

[SCHOOL OF SOCIALIST MANAGEMENT, book for reading in schools for workers studying the economics of industrial enterprises] Shkola sotsialisticheskogo khoziaistvovaniia, kniga dlia chteniia v shkolakh rabochikh, izuchaiushchikh ekonomiku promyshlennykh predpriiatii. Moskva, Gospolitizdat, 1962. 205 p.

SEMENOVA, T. D. [Pharmaceutical industry; a lecture] Farmatsevticheskaia promyshlennost', lektsiia. Pod red. T. I. Tol'tsman. Moskva, 1-i Mosk. meditsinskii in-t im. I. M. Sechenova, 1962. 29 p.

S"EZD INTELLIGENTSII UZBEKISTANA 2d, 1959. [The Second Congress of the Intelligentsia of Uzbekistan, December 11-12, 1959, verbatim report] Stenograficheskii otchet. Tashkent, Gos. izd-vo Uzbekskoi SSR, 1960. 198 p.

SHEVCHENKO, B. I. [Identification of a weapon by the bullet in forensic ballistics] Identifikatsiia oruzhiia po pule v sudebnoi balliatike; lektsiia. [Moskva] Izd-vo Mosk. univ., 1962. 46 p.

SHLIAPOCHNIKOV, A. S. [Struggle against parasites is the task of the whole nation] Bor'ba s tuneiadtsami - vsenarodnoe delo. Moskva, Goslesizdat, 1962. 60 p.

SLAVIN, N. F. [In the struggle for communist labor] V bor'be za kommunisticheskii trud. Petrozavodsk, Gos. izd-vo Karel'skoi ASSR, 1961. 86 p. illus.
(MH)

SOKOLOV, P. K. [Hello, fourth year!] Zdravstvui, chetvertyi! [Leningrad] Lenizdat, 1962. 22 p.

SOLOVEI, DMYTRO. [Forced colonization of the Kazakh Republic by the Ukrainian population; explanation of the question why the Ukrainian population in the Ukraine is diminishing] Prymusova kolonizatsiia Kazakhs'koi respubliky ukrains'koiu liudnistiu, do vysvitlennia pytannia, chomu na Ukraini zmenshuietsia vidnosna kil'kist' ukraintsiv. Munich, 1961. 16 p. (Vidbytka z zhurnalu "Vil'na Ukraina," ch. 29)

STATSENKO, G. P., and M. I. FAIZULIN, comps. [Industrial hygiene and accident prevention in the organizations and enterprises of state commerce and public dining] Okhrana truda i tekhnika bezopasnosti v organizatsiiakh i predpriiatiiakh gosudarstvennoi torgovli i obshchestvennogo pitaniia; sbornik materialov. Moskva, Goslorgizdat, 1962. 311 p.

STAVTSEVA, A. I. [Reinstatement of wrongly dismissed workers and employees] Vosstanovlenie na rabote nepravil'no uvolennykh rabochikh i sluzhashchikh. Moskva, Goslurizdat, 1962. 127 p.

STRELETSKAIA, L. N. [Belgium; economic and geographical characteristics] Bel'giia; ekonomiko-geograficheskaia kharakteristika. Moskva, Geografgiz, 1962. 237 p.

STUDENKOVA, N. M. [Costs and the profitableness of collective farm production] Sebestoimost' produktsii i rentabel'nost' kolkhoznogo proizvodstva. Moskva, Ekonomizdat, 1962. 83 p. (Ekonomicheskoe samoobrazovanie)

TAJIK S. S. R. Statisticheskoe upravlenie. [National economy of the Tajik S. S. R. in 1961; brief statistical manual] Narodnoe khoziaistvo Tadzhikskoi SSR v 1961 godu; kratkii statisticheskii sbornik. Dushanbe, Gos. stat. izd-vo, 1962. 166 p.

TIMASHKOVA, O. K. [Sweden under the rule of the Social Democrats; a study of their postwar economic and social policy] Shvedskaia sotsial-demokratiia u vlasti, ocherk poslevoennoi ekonomicheskoi i sotsial'noi politiki. Moskva, Izd-vo Akad. nauk SSSR, 1962. 141 p.

TIUL'PANOV, S. I., and V. G. ONUSHKIN. [Crisis of world capitalism] Krizis mirovogo kapitalizma. [Leningrad] Lenizdat, 1962. 281 p.

TRAKHTENBERG, I. A. [Currency circulation and credit under capitalism] Denezhnoe obrashchenie i kredit pri kapitalizme. Moskva, Izd-vo Akad. nauk SSR, 1962. 770 p.

TROSHEV, N. I. [What changes take place on the map of our economy] Kak meniaetsia karta nashei ekonomiki. Moskva, Izd-vo "Znanie," 1962. 34 p. (Novoe v zhizni, nauke, tekhnike. XII Serila Geologiia i geografiia, no. 12)

TSAREV, B. P. [Working capital of railways] Oborotnye sredstva zheleznykh dorog. Moskva, Transzheldorizdat, 1962. 37 p. (V pomoshch' izuchaiushchim ekonomiku zheleznodorozhnogo transporta)

UDACHIN, S. A. [Land, studies on land use] Zemlia; ocherki o zemlepol'zovanii. Moskva, Sovetskaia Rossiia, 1962. 78 p. (Reshenila XXII s"ezda KPSS - v zhizn'!)

UKRAINE. Statisticheskoe upravlenie. [The national economy of the Ukrainian S. S. R. in 1960; a statistical yearbook] Narodne hospodarstvo Ukrains'koi RSR v 1960 rotsi, statystychnyi shchorichnyk. Kyiv, Derzh. stat. vyd-vo, 1961. 555 p.

UL'IANOV, I. P. [Wages on a collective farm] Oplata truda v kolkhoze. Moskva, Izd-vo "Znanie," 1962. 42 p. (Narodnyi universitet kul'tury: Sel'skokhoziaistvennyi fakul'tet, no. 9)

USATOVA, A. N. [Agrarian reforms and first communes in Vladimir Government] Agrarnye preobrazovaniia i pervye kommuny vo Vladimirskoi gubernii. [Vladimir] Vladimirskoe knizhnoe izd-vo, 1961. 96 p.
(CSt-H)

USPENSKII, V. V. [Production costs in construction and how to reduce them] Sebestoimost' v stroitel'stve i puti ee snizheniia. Moskva, 1962. 105 p.

VAAG, L. A., and S. N. ZAKHAROV. [Methods for economic valuation in power engineering] Metody ekonomicheskoi otsenki v energetike. Moskva, Gosenergoizdat, 1962. 271 p.

VESELKOV, F. S. [Material incentives for workers in the U. S. S. R.] Material'noe stimulirovanie trudiashchikhsia v SSSR. Moskva, Gospolitizdat, 1962. 230 p.

VIATKIN, M. P. [Monopoly capital in Central Asia] Monopolisticheskii kapital v Srednei Azii. Frunze, Izd-vo Akad. nauk Kirgizskoi SSR, 1962. 160 p.

VOROB'EVA, A. V. [Capital assets and production costs in industry] Osnovnye fondy i sebestoimost' produktsii v promyshlennosti. Moskva, Izd-vo Akad. nauk SSSR, 1962. 287 p.

[WITH CONCERN FOR OUR GOOD NAME] V zabote o dobrom slave. [Moskva] Mosk. rabochii, 1962. 157 p.

ZAMKOVOI, V. P. [Donets Basin, economic and geographical essay] Donbass; ekonomiko-geograficheskii ocherk. Moskva, Uchpedgiz, 1962. 125 p.

ZIMOGLIADOV, F. R., comp. [Years of heroic labor] Gody geroicheskogo truda, sbornik statei. Stalino, knizhnoe izd-vo, 1961. 146 p.
(MH)

ZORIN, V. S. [Uncrowned kings of America] Nekoronovannye koroli Ameriki. Moskva, Gospolitizdat, 1962. 174 p.

ZUBKOV, A. I., and B. B. GORIZONTOV. [Land of the great future; development of industry in Krasnoyarsk Territory] Krai velikogo budushchego; razvitie promyshlennosti Krasnoiarskogo kraia. [Krasnoiarsk] Krasnoiarskoe knizhnoe izd-vo, 1960. 143 p.
(NNC)

ZUBOK, L. I. [Studies on the history of the labor movement in the U. S. A., 1865-1918] Ocherki istorii rabochego dvizhenia v SShA, 1865-1918. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1962. 620 p.

6. POLITICAL SCIENCE

ALFEROV, IU. S. [Young Leninists of the north; pages from the history of the Archangel Province Pioneer organization] IUnye leninisty Severa; stranitsy iz istorii Arkhangel'skoi oblastnoi organizatsii iunykh pionerov imeni V. I. Lenina. [Arkhangel'sk] Arkhangel'skoe knizhnoe izd-vo, 1962. 70 p.

ANTONOVA, I., I. KARETNIKOVA, and B. SHIPEROVICH, comps. [Let us defend the peace on earth] Vmeste otstaivat' mir na zemle. Moskva, Sovetskii khudozhnik, 1962. 97 p.

BELIAEVA, Z. N., and V. A. BUDARIN. [Criticism of contemporary bourgeois reformist and revisionist economic theories] Kritika sovremennykh burzhuaznykh, reformistskikh i revizionistskikh ekonomicheskikh teorii. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1962. 85 p.

BELOGOLOVTSEV, A. F., and E. IA. ZAZERSKII. [Carrying out the historical resolutions of the party; experiences of some party organizations in carrying out the resolutions of the 20th and 21st congresses of the CPSU] Voploshchenie v zhizn' istoricheskikh reshenii partii, iz opyta raboty nekotorykh partorganizatsii po vypolneniiu reshenii XX i XXI s"ezdov KPSS. Leningrad, Ob-vo po raspr. polit. i nauchn. znanii RSFSR, 1962. 136 p.

BIAKOV, V. F. [Seventeenth Congress of the Communist Party of the Ukraine] Simnadtsiatyi z'izd (KP(b)U. Kyiv, Derzh. vyd-vo polit. lit-ry, 1961. 158 p. (Z'izdy i konferentsii Komunistychnoi partii Ukrainy) (CSt-H)

[BOLSHEVIKS OF SMOLENSK GOVERNMENT UP TO OCTOBER 1917, a collection of documents] Bol'sheviki Smolenshchiny do Oktiabria 1917 goda, sbornik dokumentov. Smolensk, Knizhnoe izd-vo, 1961. 315 p. (CSt-H) (MH)

BURLATSKII, F. M. [Socialism and world progress] Sotsializm i mirovoi progress. Moskva, Izd-vo "Znanie," 1962. 31 p. (Novoe v zhizni, nauke, tekhnike. I Seriia: Istoriia, no. 15)

CHYRKO, V. A. [Ukrainian movement for the unification of Soviet peoples and the establishment of the U. S. S. R.] Ob'ednavchyi rukh na Ukraini za stvorennia Soiuzu RSR. Kyiv, Derzh. vyd-vo polit. lit-ry URSR, 1954. 151 p. (WaU)

DANOV, G. P. [What General Heusinger dreams of] Chto snitsia generalu Khoizingeru. Moskva, Gospolitizdat, 1962. 30 p.

DEICH, G. M., and V. I. NOVIKOV. [V. I. Lenin in Pskov] V. I. Lenin v Pskove. Leningrad, Ob-vo po rasprostraneniiu polit. i nauchn. znanii RSFSR, 1962. 39 p.

DOLIDZE, KETEVAN. [Role of Russian social democrats in spreading revolutionary Marxism in Georgia. Rol' russkikh sotsial-demokratov v dele rasprostraneniia revoliutsionnogo marksizma v Gruzii. Tbilisi, Sabchota Sakartvelo] 1959. 84 p. [In Georgian] (MH)

FURMANOV, G. L. [How V. I. Lenin developed historical materialism on the basis of the experience of the October Revolution and the building of socialism in the U. S. S. R.] Razvitie V. I. Leninym istoricheskogo materializma na osnove obobshchenila opyta Oktiabr'skoi revoliutsii i stroitel'stva sotsializma v SSSR. [Moskva] Izd-vo Mosk. univ., 1962. 404 p.

GENTS, N. N. [The propagandist and his audience; essays on the art of propaganda] Propagandist i slushateli; ocherki o masterstve propagandista. [Moskva] Mosk. rabochii, 1962. 110 p.

GRIGORIAN, L. A. [We are the Soviet state] Gosudarstvo - eto my. Moskva, Izd-vo "Znanie," 1962. 31 p. (Novoe v zhizni, nauke, tekhnike. II Seriia: Filosofiia, no. 15)

IUMASHEV, M. I., comp. [A manual for the personnel of soviets, answering the "Soviet deputies' trudiashchikhsia" readers' questions] V pomoshch' rabotnikam Sovetov, otvety na voprosy chitatelei. Moskva, Izd-vo "Izvestiia," 1962. 190 p.

JACKSON, BARBARA (WARD). [Five ideas that change the world. Translated from the English] P'at' idei, iaki zminiiut' svit. New York, Ukrainian Student Press, 1960. 145 p. (InU)

KERIMOV, D. A., ed. [Democracy and communism; problems of the communist theory of democracy] Demokratiia i kommunizm; voprosy kommunisticheskoi teorii demokratii. Moskva, Gosiurizdat, 1962. 270 p.

KIEV, INSTYTUT ISTORII PARTII. [Bolshevik organizations in the Ukraine during the period of the establishment and consolidation of Soviet power, November, 1917-April, 1918, collected documents and materials] Bol'shevistskie organizatsii Ukrainy v period ustanovleniia i ukrepleniia Sovetskoi vlasti, noiabr' 1917-aprel' 1918 gg.; sbornik dokumentov i materialov. Kiev, Gospolitizdat USSR, 1962. 754 p.

KOLCHINA, O. P. [Voluntary participation in party work, from the practice of the party organization of Moscow Province] Obshchestvennye nachala v partiinoi rabote, iz opyta raboty Moskovskoi oblastnoi partiinoi organizatsii. Moskva, Izd-vo "Znanie," 1962. 30 p. (Novoe v zhizni, nauke, tekhnike. I Seriia: Istoriia, no. 10)

KOSTIN, I. I. [Party spirit] Partiinaia dusha. Moskva, Gospolitizdat, 1961. 30 p. (Geroi i podvigi) (MH)

KOTOV, M. I. [Peace is in your hands] Mir - v tvoikh rukakh. Moskva, Profizdat, 1962. 56 p.

KUDRIAVTSEV, D. I. [Struggle for disarmament after the Second World War, study of international law] Bor'ba za razoruzhenie posle vtoroi mirovoi voiny; mezhdunarodno-pravovoi ocherk. [Moskva] Izd-vo Mosk. univ., 1962. 159 p. (DS)

LATVIAN S. S. R. Constitution. [Constitution (fundamental law) of the Latvian Soviet Socialist Republic with amendments and additions enacted by the second, third, fourth, and fifth sessions of the Third Supreme Soviet of the Latvian S. S. R.] Latvijas Padomju Socialistiskas Republikas Konstitucija (pamatlikums), ar grozijumiem un papildinajumiem, ko Latvijas PSR Augstaka Padome pienemusi tresa sasaukuma II, III, IV un V sesija. Riga, Latvijas Valsts izdevnieciba, 1955. 31 p.

LATVIJAS KOMUNISTISKA PARTIJA. Partijas vestures institute, Riga. [Studies on the history of the Communist Party of Latvia] Ocherki istorii Kommunisticheskoi partii Latvii. Riga, Latvijskoe gos. izd-vo. Vol. I. 1893-1919. 1962. 528 p.

[LENIN IS WITH US; delegates to the 22d Congress of the CPSU tell their stories] S nami Lenin, rasskazy delegatov XXII s"ezda KPSS. [Leningrad] Lenizdat, 1962. 91 p.

MAEVSKII, V. V. [When skyscrapers shake; a political report] Kogda shataiutsia neboskreby; politicheskii reportazh. Moskva, Gospolitizdat, 1962. 206 p.

MALABAEV, DZHOLDOSHBAI. [How the Kirghizistan party organization struggled for the consolidation of the soviets] Bor'ba Kirgizskoi partorganizatsii za ukreplenie Sovetov. Frunze, Izd-vo Akad. nauk Kirgizskoi SSR, 1962. 73 p.

MAO, TSE-TUNG. [On the new democracy] O novoi demokratii. [Moskva] Gospolitizdat, 1960. 119 p. (Bibliotechka po nauchnomu sotsializmu, no. 52) (NNC)

[MARCHING AHEAD, on Communists and party work] Idushchie vperedi, o kommunistakh i partiinoi rabote. [Vstup. stat'ia i obshchaia red. N. V. Kozlova. Magadan] Magadanskoe knizhnoe izd-vo, 1961. 176 p. (CSt-H)

MOSCOW. AKADEMIIA OBSHCHESTVENNYKH NAUK. [Course outline on the history of the CPSU for groups, seminars and individual students within the party education system] Programma po izucheniiu istorii KPSS dlia kruzhkov, seminarov i zaniatiushchikhsia po individual'nym planam v sisteme partiinogo prosveshcheniia. Moskva, Gospolitizdat, 1962. 53 p.

NALIVAIKO, E. G., and A. V. PARFENOV, comps. [For the Lenin "style" in party work] Za leninskii stil' v partiinoi rabote. Alma-Ata, Kazakhskoe gos. izd-vo, 1961. 237 p.

OSHEVEROV, G. M., and others. [Cuba, yesterday] Kuba - da! [Moskva] Molodaia gvardiia, 1961. 91 p. (DS)

[PROGRAM DOCUMENTS OF COMMUNIST AND WORKERS' PARTIES IN CAPITALIST COUNTRIES OF EUROPE] Programmnye dokumenty kommunisticheskikh i rabochikh partii kapitalisticheskikh stran Evropy. Moskva, Gos. izd-vo polit. lit-ry, 1960. 467 p. (RPB)

[PROGRAM OF THE COMMUNIST PARTY OF THE SOVIET UNION] Programa Kommunisticheskoi partii Radians'koho Soiuzu. Kyiv, Derzh. vyd-vo polit. lit-ry URSR, 1961. 125 p. (DC)

[PROPAGANDIST'S AND AGITATOR'S NOTEBOOK] Zapisnaia knizhka propagandista i agitatora. Kiev, Gospolitizdat USSR, 1962. 447 p.

ROMONOV, A. I. [History of the Omsk Communist Youth League from 1919 to 1923, lecturer's aids] Iz istorii Omskoi komsomol'skoi organizatsii, 1919-1923 gody, v pomoshch' lektoru. Omsk, Ob-vo po raspr. polit. i nauchn. znanii RSFSR, 1961. 44 p. (MH)

RUSSIA (1923- U. S. S. R.) Upravlenie prepodavaniia obshchestvennykh nauk. [Outline for the course "History of the CPSU" for institutions of higher learning of the U. S. S. R.] Programma kursa "Istoriia KPSS" dlia vysshikh uchebnykh zavedenii SSSR (na 220 chasov). Moskva, Sotsekgiz, 1962. 63 p.

RUSSIA (1923- U. S. S. R.) Upravlenie prepodavaniia obshchestvennykh nauk. [Topics for test papers on the history of the CPSU, for the specialized secondary correspondence schools of the U. S. S. R.] Tematika kontrol'nykh rabot po istorii KPSS; dlia zaochnykh srednikh spetsial'nykh uchebnykh zavedenii SSSR. Moskva, Gospolitizdat, 1962. 19 p.

SEROV, V. A. [When the mask is off] Kogda sorvana maska. Moskva, Gospolitizdat, 1962. 29 p.

SHEVELEV, A. G. [International duty of the Communist Party and the Soviet people] Interdunarodnyi dolg partii i naroda. [Leningrad] Lenizdat, 1962. 54 p. (Besedy o moral'nom kodekse)

SHITOV, N. F. [Proletarian internationalism and patriotism] Proletarskii internatsionalizm i patriotizm. Moskva, Izd-vo VPSh i AON, 1962. 107 p.

STEINGER, P. A., ed. [West Berlin; analysis of the West Berlin problem. Translated from the German] Zapadnyi Berlin, zapadnoberlinskaia problema v sistematicheskom izlozhenii. Moskva, Izd-vo inostr. lit-ry, 1961. 348 p. (RPB)

SUTIAGIN, P. G. [The United Arab Republic.] Ob"edinennaia Arabskaia Respublika. Leningrad, Ob-vo po rasprostraneniiu polit. i nauchn. znanii RSFSR, 1961. 58 p. (NNC)

TANIN, S. [Peaceful settlement with Germany is the order of the day] Mirnoe uregulirovanie s Germaniei - veleniie vremeni. Moskva, Izd-vo In-ta mezhdunarodnykh otnoshenii, 1962. 79 p.

TERIAEV, G. V. [Two phases of communist society and the general laws governing the transition from socialism to communism; on general laws governing communist formation] Dve fazy kommunisticheskogo obshchestva i zakonomernosti perekhodaniia sotsializma v kommunizm, k voprosu o zakonomernostiakh stanovleniia kommunisticheskoi formatsii. Moskva, Izd-vo VPSh i AON, 1962. 185 p.

TSHDILIN, P. S. [Highly effective method] Chrezvychainoe sredstvo. [Moskva] Mosk. rabochii, 1962. 53 p.

ULBRICHT, WALTER. [Development of the German People's Democratic State, 1945-1958. Translated from the German] Razvitie Germanskogo narodno-demokraticheskogo gosudarstva, 1945-1958. Moskva, Izd-vo inostr. lit-ry, 1961. 701 p. (NNC)

VERKHOVTSEV, I. P. [Leninist rules of party life] Leninskie normy partiinoi zhizni. Moskva, Gospolitizdat, 1962. 46 p. (Konsul'tatsii po istorii KPSS)

ZAZERSKII, E. IA., comp. [Power of social influence] Sila obshchestvennogo vozdeistviia. [Leningrad] Lenizdat, 1960. 115 p. (WU)

ZIMA, A. G. [Kirghiz soviets in 1917] Sovety v Kirgizii v 1917 godu. Pod red. K. Karakeeva. Frunze, Izd-vo Akad. nauk Kirgizskoi SSR, 1962. 126 p.

7. LAW

ABROSIMOVA, N. A. [Eligibility for old-age pensions when the term of creditable service is less than required by law] Pensii pri nepolnom stazhe. Moskva, Gosiurizdat, 1962. 67 p. (Iuridicheskie konsul'tatsii dlia naselenila v voprosakh i otvetakh)

AKADEMIIA NAUK SSSR. Institut gosudarstva i prava. [Legal cooperation among socialist states] Pravovoe sotrudnichestvo mezhdu sotsialisticheskimi gosudarstvami. Moskva, Izd-vo In-ta mezhdunarodnykh otnoshenii, 1962. 270 p.

BUGO, B. L., and G. S. BERLIAND. [Legal problems concerning the return of containers in the national economy of the U. S. S. R.] Pravovye voprosy vozvrata tary v narodnom khoziaistve SSSR. Moskva, Gosiurizdat, 1962. 62 p. (Bibliotechka khoziaistvennika, i rabotnika iuridicheskoi sluzhby)

CHEREPAKHIN, B. B. [Legal succession according to Soviet civil law] Pravopreemstvo po sovetskomu grazhdanskomu pravu. Moskva, Gosiurizdat, 1962. 160 p.

[COLLECTED REGULATIONS AND INSTRUCTIONS FOR HOUSING COMMITTEES] V pomoshch' zhilishchno-bytovoi komissii, sbornik postanovlenii i instruktsii [Moskva] Profizdat, 1961. 93 p. (Bibliotechka profsoiuznogo aktivista, no. 8)

ELISEIKIN, P. I. [Judicial procedure in the establishment of dependency and support] Sudebnoe ustanovlenie faktov izhdivenila. Moskva, Gosiurizdat, 1961. 55 p.

LORTINSKII, S. P. [Legal examination of accounts] Sudebno-bukhgalterskaia ekspertiza. Moskva, Gosiurizdat, 1962. 230 p.

IAKUBOVICH, N. A. [The conclusive phase of pretrial investigation] Okonchanie predvaritel'nogo sledstviia. Moskva, Gosiurizdat, 1962. 144 p.

IOFFE, O. S., and IU. K. TOLSTOI. [Basic principles of Soviet civil law] Osnovy sovetskogo grazhdanskogo zakonodatel'stva. [Leningrad] Izd-vo Leningr. univ., 1962. 211 p.

ISAKOV, G. Z. [Handbook for tenants in questions and answers] Spravochnik kvartiros"emshchika v voprosakh i otvetakh. 2., dop. izd. Moskva, Izd-vo M-va kommun. khoz. RSFSR, 1962. 97 p.

KARNEEVA, L. M. [Procedure in charging a person with a criminal offense; a methodological manual] Privlechenie v kachestve obvinlaemogo, metodicheskoe posobie. Moskva, Gosiurizdat, 1962. 91 p.

KLENOV, D. A., and V. G. MALOV. [Compensation to enterprises and institutions for damage caused by workers and employees] Vozmeshchenie ushcherba, prichinennogo predpriatiiam, uchrezhdeniiam rabochimi i sluzhashchimi. Moskva, Gosiurizdat, 1962. 133 p.

KORSHUNOV, IU. N. [Legal regulations governing the establishment and use of quarters] Predostavlenie zhilogo pomeshcheniia i pravo pol'zovaniia im. Moskva, Gosiurizdat, 1962. 39 p. (Iuridicheskie konsul'tatsii dlia naseleniia v voprosakh i otvetakh)

LIST, O. E. [Sanctions in Soviet law] Sanktsii v sovetskom prave. Moskva, Gosiurizdat, 1962. 230 p.

MALEIN, N. S. [Liability for injuries to the health of minors] Vozmeshchenie vreda pri povrezhdenii zdorov'ia nesovershennoletnikh. Moskva, Gosiurizdat, 1962. 64 p.

MITSKEVICH, A. V. [The holders of rights according to Soviet law] Sub'ekty sovetskogo prava. Moskva, Gosiurizdat, 1962. 212 p.

[NEW CIVIL AND CIVIL PROCEDURE LAWS OF THE U. S. S. R. AND THE UNION REPUBLICS, papers delivered at a conference of the All-Union Institute of Legal Science] Novoe v grazhdanskom i grazhdansko-protsessual'nom zakonodatel'stve Soiuza SSR i soiuznykh respublik. Trudy nauchnoi sessii VIIUN. Moskva, Vses. in-t iurid. nauk, 1962. 319 p.

OSIPOV, N. T. [Fellow farmers' courts on collective farms] Tovarishcheskie sudy v kolkhozakh. Leningrad, Ob-vo po rasprostraneniiu politi. i nauchnykh znanii RSFSR, 1962. 41 p.

PAKHOMOV, I. M. [Soviet administrative law; general part] Radians'ke administratyvne pravo; zahal'na chastyna. [L'viv] Vyd-vo L'viva'koho univ., 1962. 294 p.

[RECOMMENDED METHODS FOR THE WORK OF THE DEPUTIES OF THE SOVIETS] Kak rabotat' deputatu. Moskva, Izd-vo "Izvestiia," 1962. 134 p. (Sovety deputatov trudiashchikhsia)

RUSSIA (1917- R. S. F. S. R.) Ministerstvo rechnogo flota. [Rules of navigation along the inland waterways of the R. S. F. S. R.] Pravila plavaniia po vnutrennim vodnym putiam RSFSR. Vvedeny v deistvie s 1 marta 1959 g. prikazom ministra rechnogo flota No. 28 ot 11 fevralia 1959 g. Izd. 5. stereotipnoe. Moskva, Izd-vo "Rechnoi transport," 1962. 98 p.

RUSSIA (1923- U. S. S. R.) Constitution. [Constitution (fundamental law) of the Union of Soviet Socialist Republics, with amendments adopted at the first session of the Sixth Supreme Soviet of the U. S. S. R.] Konstitutsiia (osnovnoi zakon) Soiuza Sovetskikh Sotsialisticheskikh Respublik. S izmeneniiami i dopolneniiami, prinialymi na pervoi sessii Verkhovnogo Soveta SSSR, shestogo sozyva. Moskva, Izd-vo "Izvestiia Sovetov deputatov trudiashchikhsia SSSR," 1962. 31 p.

RUSSIA (1923- U. S. S. R.) Komitet po delam izobretenii i otkrytii. [Description of inventions in licenses and patents, a manual for the personnel of the Patent Office] Opisanie izobretenila k avtorskomu svidetel'stvu ili patentu, rukovodstvo dlia rabotnikov po izobretatel'stvu i ratsionalizatsii.

SHMIL'EVICH, S. IA., and N. I. BONDAREV. [Authentication of contracts] Udostoverenie dogovorov. Pod red. IU. A. Kalenova. Moskva, Gosiurizdat, 1961. 94 p. (Biblioteka notariusa, no. 5)

STUMBINA, ERIKA. [History and organization of the judicial system and public prosecution in the Latvian S. S. R.] Sud i prokuratura Latvilskoi SSR, istoriia i ustroistvo. Riga, Izd-vo Akad. nauk Latvilskoi SSR, 1962. 155 p.

TUMANOV, V. A., ed. [Against the contemporary legal ideology of imperialism] Protiv sovremennoi pravovoi ideologii imperializma, sbornik statei. Moskva, Izd-vo inostr. lit-ry, 1962. 340 p.

8. EDUCATION

AKADEMIIA PEDAGOGICHESKIKH NAUK RSFSR. Moskow. [Training general secondary school students for work in industry] Podgotovka uchashchikhsia srednikh obshcheobrazovatel'nykh shkol k trudu v promyshlennosti. Pod red. D. A. Epshteina, M. A. Zhideleva i N. P. Suvorova. Moskva, 1962. 158 p.

AKADEMIIA PEDAGOGICHESKIKH NAUK RSFSR, Moscow. Institut fizicheskogo vospitaniia i shkol'noi gigiieny. [Work on physical education in boarding schools] Opyt raboty po fizicheskomu vospitaniiu v shkole-internate. Pod red. V. A. Bondarenko. Moskva, Izd-vo Akad. pedagog. nauk RSFSR, 1962. 46 p. (Pedagogicheskie chtenila)

AKADEMIIA PEDAGOGICHESKIKH NAUK RSFSR, Moscow. Institut psikhologii. [Our experience with educational work in schools] Nash opyt uchebno-vospitatel'noi raboty v shkole. Pod red. T. I. Danilushevskoi i V. I. Samokhvalovoi. Moskva, Izd-vo Akad. pedagog. nauk RSFSR, 1962. 167 p. (Pedagogicheskie chtenila)

ALLASMETS, E., and H. KRUUSI, comps. [Creative activities for students. Translated from the Estonian] Rukodelila dlia shkol'nikov. Tallinn [Izd-vo "Eskusstvo Estonskoi SSR," 1962] 67 p.

BESSONOV, S. G., and P. F. MIKHALEV. [The bait flies across the ocean] Mnogo letit cherez okean. Moskva, Sovetskaia Rossiia, 1962. 91 p.

BRIUKHOVETSKII, F. F. ["For the Honor of Our School" festival; work experience] Prazdnik "Za chest' shkoly"; iz opyta raboty. Moskva, Uchpedgiz, 1962. 34 p.

[COURSE OUTLINE ON PROBLEMS OF METHODOLOGY FOR EVENING UNIVERSITIES OF MARXISM-LENINISM] Programma po voprosam metodiki dlia vechernikh universitetov marksizma-leninizma. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1962. 7 p.

[DIVING; rules of competition] Pryzhki v vodu; pravila sorevnovanii. Utverzhdeno TSentral'nym sovetom Soiuza sportivnykh obshchestv i organizatsii SSSR 10 iiulia 1961 g. Moskva, Fizkul'tura i sport, 1962. 43 p.

GODER, G. I. [Organizing student excursions devoted to specific subjects; from practice] Organizatsiia tematicheskikh puteshestvii shkol'nikov; iz opyta raboty. Moskva, Uchpedgiz, 1962. 114 p.

[ICE HOCKEY WITH A BALL, a textbook for physical culture collectives] Khokkei s miachom; uchebnoe posobie dlia kollektivov fizicheskoi kul'tury. [By] V. A. Vinogradov i dr. 2., izd. Moskva, Fizkul'tura i sport, 1961. 228 p.

IODKO, V. V. [Training aid in sport shooting] V pomoshch' treneru po strelkovomu sportu. Moskva, Izd-vo DOSAAF, 1962. 157 p.

KONDRAT'EVA, M. M. [Motherhood and physical education] Materinstvo i fizkul'tura. Moskva, Izd-vo "Fizkul'tura i sport," 1961. 39 p. (Bibliotechka "Fizkul'tura i zdorov'e")

KUMANEV, V. A. [Toward the apex of culture, how the CPSU has struggled for the further development of Soviet culture] K vershinam kul'tury; KPSS v bor'be za dal'neishii rastsvet kul'tury, 1956-1961. Moskva, Izd-vo "Znanie," 1962. 31 p. (Novoe v zhizni, nauke, tekhnike. I Seriia Istoriia, no. 18)

LEBEDEV, P. A. [Search and solutions, Lipetsk educational practice] Poiski i resheniia; o lipetskom opyte uchebnoi raboty. Moskva, Izd-vo "Znanie," 1962. 32 p. (Novoe v zhizni, nauke, tekhnike. XI Seriia: Pedagogika, no. 16)

LESKOVA, E. V., comp. [Double expert; sketches] Dvazhdy master, ocherki. Moskva, Izd-vo "Sovetskaia Rossiia," 1962. 166 p.

LEVSHIN, L. A. [Parents ask for advice] Roditel' prosit soveta. Moskva, Izd-vo "Znanie," 1962. 47 p. (Novoe v zhizni, nauke, tekhnike. XI Seriia Pedagogika, no. 17)

MOSCOW. AKADEMIIA OBSHCHESTVENNYKH NAUK. [Program on the fundamentals of communist education, for groups, seminars and individual plan students within the system of party education] Programma po osnovam kommunisticheskogo vospitaniia; dlia kruzhkov, seminarov i zanimaiushchikhsia po individual'nym planam v sisteme partiinogo prosveshcheniia. Moskva, Gospolitizdat, 1962. 29 p.

MOTORINA, M. P. [Outpatient service for the students of vocational and technical schools of the U. S. S. R.] Dispansernoe obsluzhivanie uchashchikhsia professional'no-tekhnicheskikh uchebnykh zavedenii v SSSR. Moskva, Profizdat, 1962. 126 p.

NOSOV, F. V. [The new man is being formed today] Novyi chelovek formiruetsia segodnia. [Leningrad] Lenizdat, 1962. 62 p.

PODREZ, N. A. [Massage methods for the athletic trainer] Metodika trenirovochnogo massazha. Moskva, Izd-vo "Fizkul'tura i sport," 1962. 46 p.

POTEKHIN, I. N. [Modelling in elementary schools] Lepka v nachal'noi shkole. Moskva, Uchpedgiz, 1962. 67 p.

SEMENOV, D. A., ed. [Track athletics] Legkaia atletika. Moskva, Izd-vo "Fizkul'tura i sport," 1962. 371 p.

SKATKIN, L. N., and V. N. SHATSKAIA, ed. [On Stanislav Teofilovich Shatskii; articles and reminiscences] O Stanislave Teofiloviche Shatskom, stat'i i vospominaniia. Moskva, Akad. pedagog. nauk RSFSR, 1961. 141 p.
(MIII)

SOIUZ SPORTIVNYKH OBSHCHESTV I ORGANIZATSII SSSR. TSentral'nyi sovet. [Greco-Roman wrestling, a program for children's sport schools] Klassicheskaia bor'ba, programma dlia detskikh sportivnykh shkol. Moskva, Izd-vo "Fizkul'tura i sport," 1962. 61 p.

SPIRIN, L. [Vera Tereshchenko Pioneers' camp] Pionerskii lager' imeni Very Tereshchenko. [By] B. Bilanenko i dr. Izd. 2., ispr. i dop. Moskva, Uchpedgiz, 1962. 118 p.

[SPORTS YEARBOOK FOR 1960, competitions, winners, results] Sportivnyi ezhegodnik 1960 g.; sorevnovaniia, pobediteli, rezul'taty. Moskva, Fizkul'tura i sport, 1961. 429 p.

[SUMMER SPORTS OF THE PIONEERS] Pionerskoe sportivnoe leto. Moskva, Izd-vo DOSAAF, 1962. 301 p.

SUSLOPAROVA, F. A. [Country schoolteacher] Selskaia uchitel'nitsa. Izd. 2., dop. Moskva, Uzhpedgiz, 1962. 173 p.

TAMBIAN, N. B. [The heart and sports] Serdtse i sport. Moskva, Izd-vo "Znanie," 1962. 44 p. (Novoe v zhizni, nauke, tekhnike. VIII Seriia: Biologiia i meditsina, no. 15)

[WE HAVE FUN IN OUR GROUP; the third meeting of grades 7-8] U nas v zahoni veselo; III skhodyn-ka VII-VIII klasy. Kyiv, Derzh. vyd-vo dytiachoi litry URSR, 1962. 29 p. (Znai, umii, zroby)

ZAKOZHURNIKOVA, M. L. [Working on sentences and coherent speech in primary grades; manual on methods] Rabota nad predlozheniem i sviaznoi rech'iu v nachal'nykh klassakh; metodicheskoe posobie. Moskva, Izd-vo APN RSFSR, 1962. 207 p. (Pedagogicheskaia biblioteka uchitelia)

ZARUTSKII, B. A., and N. V. TARASEVICH. [Land of Tambov, supplement to the "Nature study" textbook for grade 4] Krai Tambovskii, dopolnenie k uchebniku "Prirodovedenie" dlia 4 klassa. [Tambov] Tambovskoe knizhnoe izd-vo, 1962. 34 p.

9. MUSIC, THEATER & MOTION PICTURES

ABRAMOV, N. P. Dziga Vertov. Moskva, Izd-vo Akad. nauk SSSR, 1962. 165 p.

AKADEMIIA NAUK URSR, Kiev. Instytut mystetstvoznavstva, folʹkloru i etnohrafii. [Transcarpathian folk songs] Zakarpatsʹki narodni pisni. Kyiv, Vyd-vo Akad. nauk URSR, 1962. 370 p.

AVKSENTʹEV, V. E. [Orchestra of Russian folk instruments] Orkestr russkikh narodnykh instrumentov. Moskva, Sovetskii kompozitor, 1962. 66 p. (V pomoshchʹ rukovoditeliam khudozhestvennoi samodeiatelʹnosti i prepodavateliam muzyki v obshcheobrazovateʹnykh shkolakh)

DZHIVELEGOV, A. K. [The Italian national comedy. Commedia dellʹarte] Ital'ianskaia narodnaia komediia. Commedia dellʹarte. 2. izd. Moskva, Izd-vo Akad. nauk SSSR, 1962. 287 p.

GARIANOV, P. A. [Actors, theater notes] Aktery, teatralʹnye zapiski. [Cheliabinsk] Cheliabinskoe knizhnoe izd-vo, 1957. 173 p.
(NNC)

KALISTRATOV, IU. A. [Soviet motion pictures and the seven-year plan] Sovetskoe kino i semiletka. Moskva, Iskusstvo, 1960. 159 p.
(MIU)

KANANOV, P. KH. and I. P. VULYKH. [Literature published abroad on music; abstract index of books, 1954-1958] Zarubezhnaia literatura o muzyke; referativnyi ukazateli knig za 1954-1958 gg. Moskva, Sovetskii kompozitor.
No. 1. 1962. 265 p.

KATS, S. A. [Lilac bush in bloom; collected songs with accordion accompaniment] Siren' tsvetet; sbornik pesen s soprovozhdeniem bajana. Moskva, Voenizdat, 1962. 173 p.

KODÁLY, ZOLTÁN. [Hungarian folk music. Translated from the Hungarian] Vengerskaia narodnaia muzyka. [Budapest] Izd-vo Korvina [1961] 166 p.

KRASINSKAIA, L. E. [Margerita Zarina, a study of his life and works] Marger Zarin', ocherk zhizni i tvorchestva. Leningrad, Sovetskii kompozitor, 1961. 38 p.
(CLU)

KULESHOV, L. V. [First steps in producing amateur motion pictures. Work with the actor] Pervye kinoʹopyty. Rabota s aktërom (knigi vtoraia i tretʹia). Moskva, Iskusstvo, 1962. 111 p. (Biblioteka kinoliubitelia)

LEVIK, S. IU. [Notes of an opera singer] Zapiski opernogo pevtsa. Izd. 2., perer. i dop. Moskva, Izd-vo "Iskusstvo," 1962. 711 p. illus.

[MATERIALS ON THE ACTIVITIES OF THE UNION OF COMPOSERS OF THE U. S. S. R., 1957-1962] Materialy o deiatelʹnosti Soiuza kompozitorov SSSR, 1957-1962 gg. Moskva, [Izd-vo "Sovetskii kompozitor"] 1962. 105 p.

NESTʹEV, I. V. [Hanns Eisler and his vocal compositions] Gans Eisler i ego pesennoe tvorchestvo. Moskva, Izd-vo Akad. nauk SSSR, 1962. 105 p.

PARAMONOVA, K. K. [Beginning of films for children, on some problems of children's motion pictures, 1918-1926] Rozhdenie filʹma dlia detei; nekotorye voprosy istorii detskogo kinematografa, 1918-1926 gg. (Iskusstva). Moskva, Vsesoiuz. gos. in-t kinematografii, 1962. 36 p.

PROKOFʹEV, S. S. [Simyon Kotko] Semen Kotko. Moskva, Muzgiz, 1962. 155 p. (Opernye libretto)

[RUSSIAN REVOLUTIONARY SONGS FOR CHORUS WITHOUT ACCOMPANIMENT] Russkie revoliutsionnye pesni, dlia khora bez soprovozhdeniia. Moskva, Gos. muz. izd-vo, 1952. 134 p.
(NN)

TOLCHENOVA, N. P. [Our times reflected in drama and on the stage] Sovremennostʹ v pʹese i na stsene. Moskva, Izd-vo "Znanie," 1962. 47 p. (Novoe v zhizni, nauke, tekhnike. VI Seriia Literatura i iskusstvo, no. 14)

UTESOV, L. O. [With a song through life] S pesnei po zhizni. Pod red. IU. Dmitrieva. Moskva, Iskusstvo, 1961. 206 p.
(MH)

10. FINE ARTS

ABRAMOVA, A. V. Olʹga Sergeevna Malliutina. Moskva, Sovetskii khudozhnik, 1961. 60 p. illus., plates.
(MH)

AKADEMIIA STROITELʹSTVA I ARKHITEKTURY SSSR. Institut obshchestvennykh zdanii i sooruzhenii. [Planning and constructing rural buildings for cultural and social purposes] Proektirovanie i stroitelʹstvo selʹskikh kulʹturno-bytovykh zdanii. Moskva, Gosstroiizdat, 1962. 76 p. (Selʹskie kulʹturno-bytovye zdaniia)

BRODSKII, B. I. and A. S. VARSHAVSKII. [Centuries, sculptors, monuments] Veka, skulʹptory, pamiatniki. Moskva, Sovetskii khudozhnik, 1962. 225 p.

GRABARʹ, I. E. [Serov the sketcher] Serov, risovalʹshchik. Moskva, Akad. khudozh. SSSR, 1961. 47 p. plates.
(MH)

KHOLODOVSKAIA, M. Z. Andrei Goncharov. Moskva, Sovetskii khudozhnik, 1961. 171 p.
(MH)

KLODT, P. K. [Tamers of horses; sculptural groups] Ukroititeli konei; skulʹpturnye gruppy. Leningrad, Khudozhnik RSFSR, 1962. 13 p. plates.

LAPTEV, A. M. [Pen sketches] Risunok perom. Moskva, Izd-vo Akad. khudozh., 1962. 165 p.

LENINGRAD. ERMITAZH. [Drawings] Grafika; [alʹbom. Sost. i avtor vstup. stat'i M. Dobroklonskii. Leningrad] Izogiz, 1961. [23] p. 140 plates. (Khudozhestvennye sokrovishcha SSSR)
(MH)

LVOV. UKRAINSʹKYI DERZHAVNYI MUZEI ETNOHRAFII TA KHUDOZHNʹOHO PROMYSLU. [Artistic pottery of the western regions of the Ukrainian S. S. R.] Khudozhnia keramika zakhidnykh oblastei Ukrainsʹkoi RSR. Kyiv, Vyd-vo Akad. nauk URSR, 1962. 27 p. 60 plates. [Parallel texts in Ukrainian, Russian, and English]

MOSCOW. PUBLICHNAIA BIBLIOTEKA. [Art; an annotated bibliography] Iskusstvo; annotirovannye spiski literatury. Comp. by E. E. Lovina. Moscow, M-vo kulʹtury RSFSR.
No. 3. 1962. [2] p. [Architecture] Arkhitektura. 54 p. [Art and its role in the development of human character in a communist society] Iskusstvo i ego rolʹ v formirovanii cheloveka kommunisticheskogo obshchestva. 7 p.

NIKIFOROV, B. M. [Soviet fine arts; genre painting] Sovetskoe izobraziteliʹnoe iskusstvo; zhanrovaia zhivopisʹ. Moskva, Izd-vo Akad. khudozh. SSSR, 1961. 123 p.
(WU)

PAVLOV, V. V. [Art of ancient Egypt] Iskusstvo Drevnego Egipta. Moskva, Izd-vo Akad. khudozh. SSSR, 1962. 60 p.

PRIBULʹSKAIA, G. I. Anikushin. Leningrad, Iskusstvo, 1961. 44 p. 23 plates.
(MH)

RAPPOPORT, S. KH. [Build a world according to the laws of beauty] Tvorit' mir po zakonam krasoty. Moskva, Sovetskii kompozitor, 1962. 133 p. (Voprosy muzykalʹnoi estetiki)

[RUSSIAN GENRE PAINTING OF THE 19th CENTURY] Russkaia zhanrovaia zhivopisʹ XIX VEKA. [Moskva, Izogiz, 1961. 4] p., 12 col. plates (in portfolio)
(MIU)

SAMOKISH, N. S. Nikolai Semenovich Samokish. Moskva, Sovetskii khudozhnik, 1963. 56 p.
(NNC)

SARʹIAN, M. S. [Selected works] Izbrannye proizvedeniia. [Moskva, Sovetskii khudozhnik, 1960] 6, [2] p. illus., 14 col. plates.
(MIU)

[SOVIET ARCHITECTURE, a yearbook, 1956-1959] Sovetskaia arkhitektura, ezhegodnik, 1956-1959. Moskva, Gosstroiizdat, 1962. 161 p.

TOMSKII, N. V. [Monument to Admiral Nakhimov at Sevastopol. The sculptor N. V. Tomskii. People's Artist of the U. S. S. R.] Pamiatnik Admiralu Nakhimovu v Sevastopole. Skulʹptor narodnyi khudozhnik SSSR N. V. Tomskii. Moskva, Izd-vo Akad. khudozh. SSSR, 1960. 1 v. (chiefly illus.)
(CLU)

TSENTRALʹNYI DOM NARODNOGO TVORCHESTVA IM. N. K. KRUPSKOI. [Drawing and painting; a guide for amateur artists] Risunok i zhivopisʹ; rukovodstvo dlia samodeiatelʹnykh khudozhnikov. Moskva, Iskusstvo.
Vol. 2. 1961. 301 p. illus.

VENTURI, LIONELLO. [From Manet to Lautrec. Translated from the Italian] Ot Mane do Lotreka. Pod red. A. G. Gabrichevskogo. Moskva, Izd-vo inostr. lit-ry, 1958. 130 p.
(CU)

VILNA, VALSTYBINIS DAILĖS MUZIEJUS. [Justinas Vienožinskis, art exhibition, 1961; catalog] Justinas Vienožinskis dailės paroda, 1961; katalogas. Vilnius, 1961. 59 p. illus., 23 plates. [In Lithuanian and Russian]
(MH)

VOLODIN, P. A. [Story of Soviet architecture] Pulʹ sovetskoi arkhitektury. Moskva, Izd-vo "Znanie," 1963. 61 p. (V pomoshchʹ lektoru)

VRUBELʹ, M. A. Mikhail Aleksandrovich Vrubelʹ. [Avtorn-sostavitelʹ S. Dmitrikina]. Moskva, Gos. Izd-vo izobraziteliʹnogo iskusstva, 1961. unpaged (Mastera russkogo iskusstva)
(CU)

ZOTOV, A. I. [Folk elements of Russian art] Narodnye osnovy russkogo iskusstva. Moskva, Akad. khudozhestv SSSR.
Vol. 1. 1960.
(MH)

11. LANGUAGE, LITERATURE & FOLKLORE

ABBASZADE, GUSEIN ABBAS. [General; a novel] Kenerali, roman. Baky, Azerbaĭchan dovlet neshriiaty, 1962. 453 p. [In Azerbaijani]

ABRAMOVICH, G. L. [Introduction to the study of literature; textbook for pedagogical institutes] Vvedenie v literaturovedenie; posobie dlia pedagogicheskikh institutov. 3 izd., ispr. i dop. Moskva, Gos. uchebno-pedagog. izd-vo, 1961. 402 p.
(InU)

ABRAMOWITZ, S. J. [Little man. Travels of Benjamin the Third. Limping Fishke. Translated from the Yiddish] Malenʹkii cholovechok. Puteshestvie Veniamina Tretʹego, Fishka khromoi. Moskva, Goslitizdat, 1961. 516 p.
(MH)

ABSALIAMOV, ABDURAKHMAN. [Undying flame; a novel. Translated from the Tatar] Ogon' neugasnoyi, roman. Moskva, Sovetskii pisatelʹ, 1962. 601 p.
(MH)

ABULʹGASAN ALIBALA OGLY ALEKPER ZADE. [On the rise; a novel] Iokhushlar; romnn. Baky, Azerbaĭchan, Dovlet neshriiaty, 1962. 545 p. [In Azerbaijani]

AGASHINA, M. K. [Korea, I love you; a Korean poem] IA liubliu tebia, Koreia; koreĭskaia poema. [Stalingrad] Stalingradskoe knizhnoe izd-vo, 1961. 56 p. (Bibliotechka korotkogo rasskaza)
(MH)

AITMATOV, CH. A. [Tales of mountains and the steppe. Translated from the Kirghiz] Povesti gor i stepei. Moskva, Gos. izd-vo khudozh. lit-ry, 1962. 68 p. (Roman-gazeta, no. 16(206))

AKADEMIIA NAUK ARMIANSKOI SSR. Erevan, Institut literatury. [History of modern Armenian literature] Istoriia novoi armianskoi literatury. Erevan, Izd-vo Akad. nauk Armianskoi SSR. [In Armenian]
Vol. 2. 1962. 513 p.

AKADEMIIA NAUK AZERBAIDZHANSKOI SSR. Baku. Institut literatury i iazyka. [Azerbaijani-Russian dictionary. 12,000 words] Azerbaidzhansko-russkii slovar'. 12,000 slov, izd. 2, ispr. i dop. Baku, Izd-vo Akad. nauk Azerbaidzhanskoi SSR, 1962. 247 p.

AKADEMIIA NAUK AZERBAIDZHANSKOI SSR. Baku. Institut literatury i iazyka. M. A. tabir, megaleler mecmuesi Baky, Azerbaijchan SSR Ilmler akademiiasy neshrillaty, 1962. 262 p. [In Azerbaijani]

AKADEMIIA NAUK AZERBAIDZHANSKOI SSR. Baku. Institut literatury i iazyka. [The Nakhichevan group of Azerbaijani dialects] Nakhichevanskaia gruppa dialektov i govorov azerbaidzhanskogo iazyka. Baku, Izd-vo Akad. nauk Azerbaidzhanskoi SSR, 1962. 325 p. [In Azerbaijani]

AKADEMIIA NAUK GRUZINSKOI SSR. Tiflis. Institut iazykoznaniia. [Problems of the structure of Kartvelian languages, dedicated to the 40th anniversary of the establishment of Soviet power in Georgia] Voprosy struktury kartvel'skikh iazykov, posviashchaetsia 40-oi godovshchine ustanovleniia Sovetskoi vlasti v Gruzii. Tbilisi, Izd-vo Akad. nauk Gruzinskoi SSR. [In Georgian]
Vol. 2. 1961. 203 p.

AKADEMIIA NAUK KIRGIZSKOI SSR. Frunze. Institut iazyka i literatury. [Outline history of Soviet Kirghiz literature] Ocherki istorii kirgizskoi sovetskoi literatury. Frunze, Izd-vo AN Kirgizskoi SSR, 1961. 518 p.

AKADEMIIA NAUK SSSR. Institut iazykoznaniia. [Comparative grammar of the Germanic languages in five volumes] Sravnitel'naia grammatika germanskikh iazykov v piati tomakh. Glavnaia redaktsiia: M. M. Gukhman i dr. Moskva, Izd-vo Akad. nauk SSSR.
Vol. 1. [The Germanic languages and problems of Indo-European areal linguistics] Germanskie iazyki i voprosy indoevropeiskoi areal'noi lingvistiki. 1962. 204 p.

AKADEMIIA NAUK SSSR. Institut russkoi literatury. [A description of the fine arts materials in the Pushkin House] Opisanie izobrazitel'nykh materialov Pushkinskogo Doma. Moskva, Izd-vo Akad. nauk SSSR.
Vol. 7. [V. G. Belinskii, A. I. Hertzen, N. P. Ogarev, N. G. Chernyshevskii, N. A. Dobrolubov] V. G. Belinskii, A. I. Gertsen, N. P. Ogarev, N. G. Chernyshevskii, N. A. Dobrolubov. 1962. 199 p.

AKADEMIIA NAUK SSSR. Institut russkoi literatury. [History of the Russian novel in two volumes] Istoriia russkogo romana v dvukh tomakh. Moskva, Izd-vo Akad. nauk SSSR.
Vol. 1. 1962. 625 p.

AKADEMIIA NAUK URSR, Kiev. Instytut movoznavstva. [Introduction to a comparative-historical study of the Slavic languages; an outline] Vstup do porivnial'no-istorychnoho vyvchennia slov'ians'kykh mov; prospekt. Kyiv, Vyd-vo Akad. nauk URSR, 1962. 90 p.

AKADEMIIA PEDAGOGICHESKIKH NAUK RSFSR, Moscow. Institut obshchego i politekhnicheskogo obrazovaniia. [Teaching oral speech and reading in foreign languages] Obuchenie ustnoi rechi i chteniiu na inostrannykh iazykakh. Pod red. L. S. Shallapinoi, M. L. Vaisburd i S. V. Kalininoi. Moskva, Izd-vo Akad. pedagog. nauk RSFSR, 1962. 213 p. (Pedagogicheskie chteniia)

MED (MURZADZHAFARLI) KASUM
roman] Atly gyz. Baky, Azĕrbaijchan,
1962. 159 p. [In Azerbaijani]

a novel], Arap; roman. Baky,
ĕnchler Ĕdĕbiiiatmy Nĕshriiiaty
ijani]

iends and I] IA i moi druz'ia.
61. 97 p.

s; new verse, 1956-1960]
e stikhi, 1956-1960. Moskva,
. 137 p.

viet Russian historical novel;
's] Russkii sovetskii istoriche-
dy. Moskva, Izd-vo Akad. nauk

ogy of the Chuvash language]
kogo iazyka. Cheboksary, 1961.

ANOV, N. I. [Downfall of the Most Serene; a tale] Gibel' Svetleishego; [povest']. Alma-Ata, Kazgoslitizdat, 1961. 280 p. illus.
(MH)

ARAZKULIEV, SABUR [Turkmen dialects of Turkul District in Kara Kalpak] Govory turkmen Turkul'skogo raiona Kara-Kalpakskoi ASSR. Ashkhabad, Turkmenskii gos. univ., im. A. M. Gor'kogo, 1961. 270 p.
(MH)

AZHAEV, V. N. [Preface to life; a tale] Predislovie k zhizni, povest'. [Moskva] Molodaia gvardiia, 1962. 207 p.
(MH)

BABICH, V. F. [Blue field, a novel] Sinee pole, roman. Petrozavodsk, Gos. izd-vo Karel'skoi ASSR, 1961. 430 p.
(MH)

BALAKAEV, ALEKSEI. [Steppe spark, verse. Translated from the Kalmyk] Stepnaia iskra; stikhi. Elista, Kalmytskoe knizhnoe izd-vo, 1961. 64 p.
(MH)

BALIN, A. I. [Sun over the workshop; verse] Solntse nad tsekhom; stikhi. Moskva, Sovetskii pisatel', 1961. 150 p.
(MH)

BANK, N. B. [Ol'ga Berggol'ts, a critical and biographical study] Ol'ga Berggol'ts, kritiko-biograficheskii ocherk. Moskva, Sovetskii pisatel', 1962. 169 p.

BARAMIDZE, A. G. [Sulkhan-Saba Orbeliani, life and literary activities] Sulkhan-Saba Orbeliani, zhizn' i literaturnaia deiatel'nost'. Tbilisi, Izd. Ob-va po rasprostraneniiu polit. i nauchn. znanii Gruzinskoi SSR, 1960. 43 p. [In Georgian]
(MH)

BAZHOV, P. P. [Malachite box] Malakhitovaia shkatulka. Moskva, Gos. izd-vo khudozh. lit-ry, 1961. 449 p.
(NN)

BEDZYK, D. I. [Song about Baida; a novel] Pesnia pro Baidu; roman. [Moskva] Molodaia gvardiia, 1961. 201 p.
(MH)

BEEKMAN, V. E. [And there is no end to the path; verse] I net konтsa puti; stikhi. Moskva, Sovetskii pisatel', 1961. 72 p.

BEISHEKEEV, N. [Kirghiz language; a bibliography of literature published from 1929 to 1959] Kirgizskii iazyk; bibliograficheskii ukazatel' literatury, 1929-1959 gg. Otvet. red. K. K. Sartbaev. Frunze, Izd-vo Akad. nauk Kirgizskoi SSR, 1961. 152 p.

BEK, A. A. [Lucky; stories, a tale, pages from a notebook] Schastlivaia ruka; rasskazy, povest', listki iz bloknota. Moskva, Sovetskii pisatel', 1962. 226 p.
(MH)

BELIAEV, A. I. [Wings; a poem] Kryl'ia, poema. [Lipetsk] Lipetskoe knizhnoe izd-vo, 1961. 20 p.
(MH)

BELOGLAZOVA, R. V. [Our neighbors; a novel] Nashi sosedi; roman. 2 izd. Ulan-Ude, Buriatskoe knizhnoe izd-vo, 1961. 261 p.
(MH)

BELOUSOV, A. A. [Gor'kii and Buryat literature; articles and reviews] Gor'kii i buriatskaia literatura; stat'i i retsenzii. Ulan-Ude, Buriatskoe knizhnoe izd-vo, 1961. 186 p.
(MH)

BERKOVSKII, N. IA. [Articles on literature] Stat'i o literature. Moskva, Goslitizdat, 1962. 450 p.

DEZHANISHVILI, ROSTOM. [Flight; tales and stories] Vzlet; povesti i rasskazy. Moskva, Sovetskii pisatel', 1961. 182 p.
(MH)

BIBA, PETRO. [And we go around the sun, verses, a poem] A my, navkolo Sontsia; virshi, poema. Kyiv, Radians'kyi pys'mennyk, 1961. 105 p. illus.
(MH)

BIKMUKHAMETOV, R. G. [Immortal flowers of poetry, Bessmertnye tsvety poezii. Kazan', Tatknigoizdat] 1960. 206 p. [In Tatar]
(MH)

BLAGOI, D. D. [Poetry and reality, the originality and world-wide significance of 19th century Russian realism] Poeziia i deistvitel'nost', o svoeobrazii i mirovom znachenii russkogo realizma XIX veka. Moskva, Sovetskii pisatel', 1961. 166 p.
(CSt)

BODRENKOV, A. M. [From heart to heart] Ot serdtsa k serdtsu. [Smolensk] Smolenskoe knizhnoe izd-vo, 1961. 66 p.
(MH)

BONDARENKO, P. F. [Operation Sh. E., a documentary tale] Operatsiia Sh. E.; dokumental'naia povest'. [Voronezh] Voronezhskoe knizhnoe izd-vo, 1961. 165 p.
(MH)

BORANENKOV, N. E. [Storm over the Desna; a novel] Groza nad Desnoi; roman. Moskva, Voenizdat, 1962. 335 p.
(MH)

BORODIN, S. P. [Stars over Samarkand] Zvezdy nad Samarkandom. Moskva, Izd-vo "Izvestiia." (Biblioteka istoricheskikh romanov narodov SSSR)
Book 1. [Tamarlane] Khromoi Timur. 1962. 497 p.
Book 2. [Bonfires on the trail] Kostry pokhoda. 1962. 425 p.

BOROVIK, G. A. [Tale about a green lizard] Povest' o zelenoi iashcheritse. [Moskva] Izd-vo "Molodaia gvardiia," 1962. 223 p.

BORSHCHUKOV, V. I. [The party and literature] Partiia i literatura. Kyiv, Derzh. vyd-vo khudozh. lit-ry, 1960. 161 p.
(CaOTU)

BRAT'IA TUR, pseud. [Plays] Dramy. Moskva, Sovetskii pisatel', 1962. 453 p.

BULASHENKO, I. H. [T. H. Shevchenko in Soviet Ukrainian literature] T. H. Shevchenko v ukrains'kii radians'kii khudozhnii literaturi. Kharkiv, Vyd-vo Kharkivs'koho univ., 1962. 120 p.

BURAVLEV, E. S. [Red hill; a word on my fellow miners from the Kuznetsk Basin, on love and poetry, and on the first bucket of coal] Krasnaia gorka; slovo o moikh zemliakakh-kuznechanakh, o liubvi i poezii i o pervom kovshe uglia. [Kemerovo] Kemerovskoe knizhnoe izd-vo, 1961. 121 p.
(MH)

BURLAKOVA, A. P. [Think and answer; rebuses, puzzles, chain words, crosswords (in English) for grade 5-7 students of secondary schools] Podumai i otvet'; rebusy, golovolomki, chainvordy, krossvordy (na angliiskom iazyke) dlia uchashchikhsia V-VII klassov srednei shkoly. Moskva, Uchpedgiz, 1959. 51 p.

BURMISTRENKO, O. I. [Language and style in M. Gor'kii's novel "Mother."] IAzyk i stil' romana M. Gor'kogo "Mat'." [Kiev] Izd-vo Kievskogo univ., 1961. 116 p.
(MH)

CHAKOVSKII, A. B. [A year of life, a tale. The roads we choose, a novel] God zhizni; povest'. Dorogi, kotorye my vybiraem; roman. Moskva, Sovetskii pisatel', 1962. 564 p. illus.
(MH)

CHAROT, MIKHAS', pseud. [Verse, poems] Stikhotvoreniia, poemy. Moskva, Goslitizdat, 1961. 196 p.
(MH)

CHEREPOV, V. S. [The storm burst forth at night] Burin grianula noch'iu. [Lipetsk] Lipetskoe knizhnoe izd-vo, 1961. 19 p. (Korotkie rasskazy)
(MH)

CHUGUNOV, V. M. [Verse] Stikhi. [Tomsk] Tomskoe knizhnoe izd-vo, 1961. 118 p.
(MH)

CHUKOVSKII, K.I. [Verse] Stikhi. Moskva, Gos. izd-vo khudozh. lit-ry, 1961. 174 p. (Biblioteka sovetskoi poezii)
(NN)

DAGLY, S.A. [Son of spring; a novel] Bahar oğlu, roman. Baky, Azərbaĭdzhan ushag və kenchlər ədəbiyyaty nəshriyyaty, 1962. 279 p. [In Azerbaijani]

DAVYDOV, Z.S. [Visitor from Goshcha, a historical novel] Iz Goshchi gost', istoricheskii roman. Moskva, Detgiz, 1962. 397 p. (Shkol'naia biblioteka)

DEDIUKHIN, V.A. [Night dispatch; stories] Nochnaia depesha; rasskazy. [Ul'ianovsk] Ul'ianskoe knizhnoe izd-vo, 1961. 56 p. (Maten'kaia bibliotechka)
(MH)

DMITRIEVA, R.P. [Legend on the Vladimir princes] Skazanie o kniaz'iakh vladimirskikh. Moskva, Izd-vo Akad. nauk SSSR, 1955. 213 p.
(RPB)

DOLININA, A.A., and K.O. IUNUSOVA, comps. [Contemporary Arabic prose. Translated from the Arabic] Sovremennaia arabskaia proza. Moskva, Goslitizdat, 1961. 305 p.
(MH)

DORDZHIEV, B.B. [Song of the steppe, verse. Translated from the Kalmyk] Stepnaia pesnia, stikhi. [Moskva] Molodaia gvardiia, 1960. 55 p.
(CLU)

DOROSHEVICH, V.M. [Selected stories and sketches] Izbrannye rasskazy i ocherki. [Moskva] Mosk. rabochii, 1962. 480 p.

DOSTAL', A.E., comp. [Russia, the party, and spring; collected verse] Rossiia, partiia, vesna; sbornik stikhov. Moskva, Sovetskaia Rossiia, 1961. 351 p.
(MH)

DOSTOEVSKII, F.M. [The adolescent; a novel in three parts] Podrostok, roman v trekh chastiakh. Moskva, Gos. izd-vo khudozh. lit-ry, 1961. 608 p.
(NNC)

DOSTOEVSKII, F.M. [Selected works in two volumes] Izbrannye sochineniia v dvukh tomakh. [Leningrad] Lenizdat, 1962. 2 v.

DRUZIN, V.P. [Man and his cause] Chelovek i ego delo. Moskva, Izd-vo "Znanie," 1962. 30 p. (Novoe v zhizni, nauke, tekhnike. VI Seriia: Literatura i iskusstvo, no. 17)

DUBITSKII, A.F. [Steel helmet; stories] Kovanyi shlem; rasskazy. Alma-Ata, Kazgosizdat, 1961. 70 p.
(MH)

DYKHOVICHNYI, V.A. [Three love stories; "Who was right?" "Letter from Tat'iana," "Model wedding."] Tri istorii o liubvi; "Kto byl prav?" "Pis'mo Tat'iany," "Pokazatel'naia svad'ba." Moskva, Iskusstvo, 1962. 93 p. (Repertuar khudozhestvennoi samodeiatel'nosti, no. 8)

DZHALIL', MUSA. [Verse. Translated from the Tatar] Stikhotvoreniia. Moskva, Goslitizdat, 1961. 269 p.
(CLU)

DZHARKESHEVA, GUL'SIM. [Orthographic dictionary of compound words] Orfograficheskii slovar' slitnykh slov. Alma-Ata, Izd-vo AN KazSSR, 1960. 124 p. [In Kazakh]
(MH)

DZHAVAD-ZADE ALI TUDE. [Verse and a poem] [Stikhi i poema] Baky, Azerbaichan dovlet neshriiaty, 1962. 229 p. [In Azerbaijani]

DZHUMAEV, NARIMAN. [Caravan guided by the stars. Translated from the Turkmen] Karavan idet po zvezdam. [Moskva] Izd-vo "Molodaia gvardiia," 1962. 205 p.

DZHURA, SULTAN. [Birth of truth; verse. Translated from the Uzbek] Rozhdenie istiny; stikhi. Tashkent, Goslitizdat, UzSSR, 1961. 101 p.
(MH)

EFIMOV, A.I. [History of the Russian literary language] Istoriia russkogo literaturnogo iazyka. Moskva, Gos. uchebno-pedagog. izd-vo, 1961. 321 p.
(CU)

EIKHE, V.D. [Short textbook of the Latin language for medical students] Kratkoe posobie po latinskomu iazyku dlia medikov. Moskva, Medgiz, 1962. 130 p.

EL'GAR, KASHIF. [Sun over the Dzaluka; verse. Translated from the Kabardian] Solntse nad Dzalukoi; stikhi. Moskva, Sovetskii pisatel', 1961. 61 p.
(MH)

ERSHOV, L.F. [Soviet satiric literature] Sovetskaia satiricheskaia literatura. Leningrad, [Pechatnyi dvor] 1955. 37 p.
(RPB)

ESENIN, S.A. [Collected works in five volumes] Sobranie sochinenii v piati tomakh. Pod obshchei red. G.I. Vladykina i dr. Moskva, Gos. izd-vo khudozh. lit-ry.
Vols. 1-2. 1961.
(NNC) (WaU)

EVREINOV, E.V., IU.G. KOSAREV, and V.A. USTINOV. [Use of electronic computers in studying the writing of the ancient Mayas] Primenenie elektronnykh vychislitel'nykh mashin v issledovanii pis'mennosti drevnikh maia. Novosibirsk, Izd-vo Sibirskogo otd-niia AN SSSR.
Vol. 3. [A general systematic catalog of hieroglyphics] Svodnyi sistematizirovannyi katalog ieroglificheskikh znakov. 1961. 341 p.

FAZIN, Z.I. [For the first time, a novel] Vpervye, roman. Moskva, Detgiz, 1962. 415 p.

FEDORENKO, D.T., comp. [The grainy and eared one; Ukrainian folk proverbs and sayings collected in the Dnieper Valley] Pro zernystu ta kachanystu; Ukrains'ki narodni pryslivia ta prykazky pro kukurudzu, zapysani na Prydniprov'i. [Dnipropetrovs'k] Dnipropetrovs'ke knyzhkove vyd-vo, 1961. 6 p.

FEDOROV, E.A. [Great destiny; a novel about a great Russian metallurgist] Bol'shaia sud'ba; roman o velikom russkom metallurge. Barnaul, Altaiskoe knizhnoe izd-vo, 1961. 441 p. illus.
(MH)

FERDOWSI. [Shahnameh] Shakh-name. Kriticheskii tekst. Pod red. E.E. Bertel'sa. Sostaviteli teksta A.E. Bertel's i dr. Moskva, Izd-vo vostochnoi lit-ry. (Pamiatniki literatury narodov Vostoka. Teksty Bol'shaia seriia, no. 2)
Vol. 2. 1962. 16, 261 p.

[FINNISH PROVERBS AND SAYINGS. Translated from the Finnish] Finskie narodnye poslovitsy i pogovorki. Moskva, Izd-vo inostr. lit-ry, 1962. 56 p.

[FOLK WISDOM; Ukrainian proverbs and sayings] Mudrist' narodna; ukrains'ki pryslivia ta prykazky. Kyiv, Derzhlitvydav Ukrainy, 1962. 155 p.

GAIDOVSKII, G.N. [Commander of PL K-143; a tale] Komandir PL K-143, povest'. Moskva, Voenizdat, 1962. 191 p.

GASANZADE, NARIMAN. [I'm with you; verse and poems. Translated from the Azerbaijani] IA s vami; stikhi i poemy. Moskva, Sovetskii pisatel', 1961. 91 p.
(MH)

GERSHKOVICH, IU.L. [Heart of a mother] Serdtse materi. Vladivostok, Primorskoe knizhnoe izd-vo, 1961. 14 p. (Rasskazy nashikh dnei)
(MH)

GINTSBURG, R.M. [Wormwood in the snow; verse] Polyn' v snegu; stikhi. Moskva, Sovetskii pisatel', 1962. 99 p.
(MH)

GLUKHOVSKII, S.D. [Island of Liudnikov; a tale] Ostrov Liudnikova; povest', Moskva, Voen. izd-vo, 1961. 106 p. (Geroi, sovremenniki)
(MH)

GMYREV, A.M. [Verse] Stikhi [pis'ma, vospominaniia. Sost., predisl. i kommentarii I.T. Troflmova. Smolensk] Smolenskoe knizhnoe izd-vo, 1961. 201 p.
(MH)

GOLUBEVA-PREOBRAZHENSKAIA, T.N. [Along various roads; a novel] Po raznym dorogam; roman. [Perm'] Permskoe knizhnoe izd-vo, 1961. 172 p.
(MH)

GONCHAROV, I.A. [Collected works] Sobranie sochinenii. Moskva, Izd-vo "Pravda," (Biblioteka "Ogonek")
Vols. 1-8 1952
(NNC)

GORODSKOI, IA.Z. [Through the years, selected verse] Skvoz' gody; izbrannye stikhi. Moskva, Sovetskii pisatel', 1960. 143 p.
(MH)

GRIGORIAN, SEDA. [Verse] Stikhi. Erevan, Gos. izd-vo Armianskoi SSR, 1961. 81 p.
(MH)

GRISHIN, N.N. [Verse] Stikhi. [Ivanovo] Ivanovskoe knizhnoe izd-vo, 1961. 82 p. illus.
(MH)

GROSS, V., comp. [Thirteen stories; sketches and narrations by young writers] 13 lugu; laaste ja jutte noortelt autoritelt. Tallinn, Ajalehtede-Ajakirjade Kirjastus, 1962. 100 p. ("Loeming" Raamatukogu, no. 20/21 (230/237)) [In Estonian]

GRUZDEV, I.A. [Gor'kii and his time, 1868-1936] Gor'kii i ego vremia, 1868-1936. Izd 3., dop. Moskva, Goslitizdat, 1962. 609 p.

GUSEV, A.P. [Blue sail] Sinii parus. Tallin, Estonskoe gos. izd-vo, 1960. 78 p.
(MH)

HIKMET, NAZIM. [Human panorama. Translated from the Turkish] Cholovecheskaia panorama. Moskva, Izd-vo inostr. lit-ry, 1962. 303 p.

HIKMET, NAZIM. [New verse. Translated from the Turkish] Novye stikhi. Moskva [Sovetskii pisatel'] 1961. 79 p.
(MH)

HOMIN, LES', pseud. [Golgotha; a novel] Golgofa, roman. Kishinev, Kartia moldoveniaske, 1962. 361 p.
(MH)

HONCHAR, O.T. [Man and weapons; a novel] Liudyna i zbroia, roman. Kyiv, Derzh. vyd-vo khudozh. lit-ry, 1961. 334 p.
(CaOTU)

HONCHAR, O.T. [Novelle] Novely. Kyiv, Radians'kyi pys'mennyk, 1949. 130 p.
(NNC)

HOTTA, YOSHIE. [Monument; a novel. Translated from the Japanese] Pamiatnik; roman. Moskva, Izd-vo inostr. lit-ry, 1962. 244 p.

HUANG KON [KHVAN GEN] [Island on fire; stories. Translated from the Korean] Ostrov v ogne; rasskazy. Moskva, Voenizdat, 1960. 94 p.
(CLU)

[HUMOR, SATIRE, MISCELLANEOUS NUMBERS; a repertory collection] Humor, satira, kontserty; repertuarnyi sbornik.. Moskva, Voenizdat, 1962. 142 p.

HURIEV, O.I. [Legend of the Kobzar] Legenda pro Kobzaria. Kyiv, Vyd-vo "Molod'," 1961. 41 p.

IAKOBSON, A.P., IU.S. SILIN, and M.SH. FRADKIN. [Textbook of conversational English on school and daily-life subjects; for teachers in secondary schools] Posobie po razgovornomu angliiskomu iazyku na shkol'no-bytovye temy; dlia uchitelei srednei shkoly. Moskva, Uchpedgiz, 1960. 253 p.
(CLU)

IBRAGIMOV, SABIRDZHAN, and M. RAKHMANOV. [Orthographic dictionary of the Uzbek literary language] Orfograficheskii slovar' uzbekskogo literaturnogo iazyka. Tashkent, 1956. 242 p. [In Uzbek]
(MH)

ISBAKH, A.A. [Louis Aragon; his life and works] Lui Aragon; zhizn' i tvorchestvo. Moskva, Sovetskii pisatel', 1962. 336 p.

IUGOV, A.K. [Story of the Russian word] Sud'by rodnogo slova. [Moskva] Molodaia gvardiia, 1962. 272 p.

IURCHENKO, I.I. [In the middle of the steppe; stories and sketches] Sredi stepei; rasskazy i ocherki. [Kursk] Kurskoe knizhnoe izd-vo, 1961. 107 p.
(MH)

/ANOV, L. I. [Siberian virgin soil, a novel] Sibirskaia nov', roman [Omsk] Omskoe knizhnoe izd-vo, 1961. 137 p.
(MH)

/OILOVA, I. N. [Novels by Konstantin Alekseevich Fedin: Early joys, Unusual summer; a lecture] Romany Konstantina Alekseevicha Fedina Pervye radosti, Neobyknovennoe leto, lektsiia. Leningrad, Leningr. ped. pedagog. in-t im. A. I. Gertsena, 1961. 55 p

ALACHEV, V. S. [Not having bowed the head] Ne sklonivshi golovy. [Lipetsk] Lipetskoe knizhnoe izd-vo, 1961. 305 p.
(MH)

ANIUKA, S. M. and others. [The Ukrainian language] Ukrains'ka mova. Kyiv, Radians'ka shkola.
Pt. 1. [Phonetics and morphology, textbook for grades 5-7 of the Russian eight-year school] Fonetyka i morfologiia, pidruchnyk dlia 5-7 klasiv vos'myrichnoi shkoly z rosiis'koiu movoiu navchannia. Za red. V. I. Masal'skoho. Vyd. 3. 1962. 230 p.

ARELIN, L. V. [Open house, a tale] Otkrytyi dom; povest', Moskva, Sovetskaia Rossiia, 1961. 310 p.
(MH)

ATSNLI'SON, I. S., comp. [The Pharaoh Cheops and the magicians; tales, narratives, and precepts of ancient Egypt. Translated from the ancient Egyptian] Faraon Khufu i charodei; skazki, povesti, pouchenita Drevnego Egipta. Moskva, Goslitizdat, 1958. 261 p. illus.
(MH)

AZAKEVICH, EMANUIL. [Tales' Star; Two in the steppe; Heart of a friend] Povesti: Zvezda, Dvoe v stepi, Serdtse druga. Moskva, Gos. izd-vo khudozh. lit-ry, 1962. 324 p.
(InU)

AZAKOVA, M. N. [I start out in life, a tale] IA vstupaiu v zhizn', povest'. [Tula] Tul'skoe knizhnoe izd-vo, 1961. 118 p.
(MH)

BUMZHANOVA, BIBI. [Rhyme in Kirghiz poetry] Kyrgiz poezhasynyn rifmasy. Frunze, Kyrgyz SSSR Ilimder Akademiiasynyn basmasy, 1962. 105 p. [In Kirgiz]

BALLIETSKII, G. G. [Eight force storm, tales, stories] Shtorm vosem' ballov, povesti, rasskazy. Moskva, Voen. izd-vo, 1961. 269 p.
(MH)

BAMZA, KHAKIM-ZADE NIIAZI. [Selected works. Translated from the Uzbek] Izbrannoe [Sost. N. E. Ivashev, red. M. Shevertdin] Tashkent, Gos. izd-vo. UzSSR, 1954. 213 p.
(OU)

BAVPACHEV, KHAZHIM-KIR. [Good morning! stories. Translated from the Kabardian] S dobrym utrom; rasskazy. Moskva, Sovetskii pisatel', 1962. 214 p.
(MH)

BOLOPOV, G. K. [Grenada, a novel] Grenada; roman. [Leningrad, Sovetskii pisatel', 1962] 335 p.
(MH)

BOLOSHENKO, O. P. [Steppe spaciousness; verse] Stepnye prostory; stikhi. [Lugansk] Luganskoe oblastnoe izd-vo, 1961. 45 p
(MH)

BOLSHEVNIKOV, V. F. [Fundamentals of poetry; Russian versification, a textbook for students of philology faculties] Osnovy stikhovedeniia; Russkoe stikhoslozhenie; posobie dlia studentov filologicheskikh fakul'tetov. [Leningrad] Izd-vo Leningr. univ., 1962. 160 p.

BRLLOV, G. I. [Rippling Lake Il'men'] Shumit Il'men'-ozero. Moskva, Sovetskaia Rossiia, 1959. 134 p.
(IEN)

BUSHCHENKO, A. D. [Season of bad roads ends in April; a tale] Rasputitsa konchaetsia v aprele; povest', Moskva, Sovetskii pisatel', 1962. 220 p.
(MH)

BMASHEVSKAIA, I. V. [Blue pine grove; stories] Sinii bor; rasskazy. Minsk, Gos. izd-vo BSSR, 1960. 225 p.
(MH)

KLIMOV, G. A. [Declension in the Kartvelian languages from a comparative-historical standpoint] Sklonenie v kartvel'skikh iazykakh v sravnitel'no-istoricheskom aspekte. Moskva, Izd-vo Akad. nauk SSSR, 1962. 148 p

KOBRAKOV, P. G. [Open heart, verse] Otkrytaia dusha; stikhi. [Leningrad, Lenizdat, 1961] 102 p.
(MH)

KOBYZIEV, A. I. ["I am checking myself," a new form of dictation; teacher's manual] Novyi vid diktanta - "Proveriaiu sebia"; posobie dlia uchitelia. Moskva, Uchpedgiz, 1962. 37 p.

KOLODIAZHNYI, A. S. [Preposition, materials for lectures in a course on the present-day Ukrainian literary language] Prytmennyk, materialy do lektsiil z kursu suchasnoi ukrains'koi literaturnoi movy. Kharkiv, Vyd-vo Kharkivs'koho univ., 1960. 164 p
(MH)

KONCHALOVSKAIA, N. P. [Our ancient capital; scenes from Moscow's past] Nasha drevniaia stolitsa, kartiny iz proshlogo Moskvy. Moskva, Detgiz, 1962. 319 p.

KONDRASHOV, N. A. [Slavic languages] Slavianskie iazyki. 2. izd. Moskva, Uchpedgiz, 1962. 212 p.

KONOVALOV, M. A. [Galan, a novel] Galan. Izhevsk, Udmurtskoe knizhnoe izd-vo, 1959. 238 p.
(InU)

KOROLENKO, V. G. [Blind musician] Slepoi muzykant. [Krasnodarsk] Krasnodarskoe knizhnoe izd-vo, 1958. 120 p.
(LU)

KORSUNOV, N. F. [Snowdrops, a novel] Podsnezhniki; roman. [Moskva] Molodaia gvardiia, 1962. 334 p.

KORZHIKOV, V. T. [Harsh Islands; verse] Surovye ostrova; stikhi. [Vladivostok] Primorskoe knizhnoe izd-vo, 1961. 64 p.
(MH)

KOSENKO, P. P. [Its own face; literary sketches and portraits] Svoe litso, literaturnye ocherki i portrety. Alma-Ata, Kazgoslitizdat, 1962. 170 p.

KOSTRA, JAN. [Verse. Translated from the Slovak] Stikhi. Moskva, Izd-vo inostr. lit-ry, 1960. 142 p. (Sovremennaia zarubezhnaia poeziia)
(NNC)

KOTLIARI VS'KYI, IVAN. [The Aeneid] Eneida. Moskva, Goslitizdat, 1961. 293 p. illus.
(MH)

KOVALEV, D. M. [Cold iron] Studenoe zeleznoe. Moskva, Voen. izd-vo, 1961. 120 p.
(MH)

KOVALIEVS'KYI, MYKOLA. [In the midst of the struggle, reminiscences, impressions, and reflections] Pry dzherelakh borot'by; spomyny, vrazhennia, refleksii. Ivano-Frankivsk, Nakl. M. Kovaleva'koi, 1960. 717 p.
(NN)

KRAMINOV, D. F. [Stepchildren of Albion; a tale] Pasynki Al'biona, povest'. [Moskva] Izd-vo "Molodaia gvardiia," 1962. 204 p.

KRAPCHAN, BORIS. [Son of the Dniester] Syn Dnestra. Kishinev, Kartia moldovenieske, 1961. 50 p.
(MH)

KRAVCHENKO, IE. S. [Soldier's poem; a heroic drama] Soldat's'ka poema; heroichna drama. Kyiv, Derzhlitvydav, 1961. 105 p. (Samodial'nyi teatr)
(MH)

KRAVCHENKO, IE. S. [Under the tall linden trees, plays] Pid vysokymy lypamy; p'esy. Kyiv, Radians'kyi pys'mennyk, 1961. 207 p.
(MH)

KRIVENKO, E. I. ["Dream" station; lyrics] Stantsiia "Mechta"; lirika. Kiev, Radians'kyi pys'mennyk, 1961. 110 p.
(MH)

KUCHKIN, A. P. [One can only die once] Semi smertiam ne byvat'. Moskva, Voen. izd-vo, 1961. 183 p. illus. (Bibliotechka voennykh priklliuchenii)
(MH)

KUKLIN, L. V. [Necessity; verse] Neobkhodimost'; stikhi. Leningrad, Sovetskii pisatel', 1961. 80 p.
(MH)

KURGANOV, O. E. [Soldier and builder] Soldat i stroitel'. Moskva, Sovetskii pisatel', 1961. 354 p.
(MH)

KUTISHCHEV, P. D., and I. P. SHCHEDLYKIN. [Satire in the works of I. S. Turgenev, based on materials of "A sportsman's sketches" and the novels] O satire v tvorchestve I. S. Turgeneva, na materiale "Zapisok okhotnika" i romanov. Shakhty, M-vo prosv. RSFSR, 1959. 80 p.
(OrU)

KUZMENKO, S. E. [Roman Bakunov; a novel] Roman Bakunov, roman. [Kuibyshev] Kuibyshevskoe knizhnoe izd-vo, 1961. 191 p.
(MH)

LAGERLÖF, S. O. L. [The saga of Gösta Berling. Translated from the Swedish] Saga o Geste Berlinge. Moskva, Gos. izd-vo khudozh. lit-ry, 1959. 416 p. illus.
(OCI)

LAGERLÖF, S. O. L. [Wonderful adventures of Nils with wild geese] Chudesnoe puteshestvie Nil'sa s dikimi gusiami. [Leningrad, Detgiz, 1959] 206 p.
(OCI)

LAMBRINO, AURIL. [Soldier Avakum Hariton; a tale. Translated from the Rumanian] Soldat Avakum Khariton; povest'. Moskva, Voenizdat, 1962. 199 p.

LAPIN, K. K. [Heart of a sergeant; stories and sketches] Serdtse serzhanta; rasskazy i ocherki. Moskva, Voenizdat, 1962. 173 p. (Biblioteka soldata i matrosa)

LARIONOV, S. S. [Living history, stories. Translated from the Mordvinian] Zhivaia istoriia, rasskazy. [Saransk] Mordovskoe knizhnoe izd-vo, 1958. 125 p.
(InU)

LEBEDEV, A. A. [Chernyshevskii's heroes] Geroi Chernyshevskogo. Moskva, Sovetskii pisatel', 1962. 305 p.

LENCH, L. S. [On sinful ground, stories and tales] Na greshnoi zemle; rasskazy i skazki. Moskva, Sovetskii pisatel', 1962. 222 p.

LEONOV, IU. N. [Letters travel a month; stories] Pisma idut mesiats, rasskazy. [Ushno-Sakhalinsk, Sakhalinskoe knizhnoe izd-vo, 1961. 90 p
(MH)

LEONOV, L. M. [Plays] P'esy. Moskva, Sovetskii pisatel', 1953. 430 p.
(IU)

LEONOV, L. M. [Road to the ocean] Doroga na okean. Moskva, Sovetskaia Rossiia, 1961. 590 p.
(NNC)

LIASNAIA, I., comp. [Tales of the peoples of the U. S. S. R.] Skazki narodov SSSR. Riga, Latgosizdat, 1940. 230 p. plates.
(NNC)

LEVCHENKO, IRINA. [Tale about the war years; stories] Povest' o voennykh godakh; rasskazy. [Moskva] Mosk. rabochii, 1961. 540 p.
(InU)

LIAKH, F. M. [His pages, stories and plays] Ego stranitsy; rasskazy i p'esy. [Lugansk] Luganskoe obl. izd-vo, 1961. 194 p.
(MH)

LIBEDINSKII, IU. N. [Bonds of time; reminiscences, tales, sketches, stories] Svlaz' vremen; vospominaniia, povesti, ocherki, rasskazy. Moskva, Sovetskii pisatel', 1962. 926 p.
(MH)

LIPATOV, V. V. [Deep stream; a tale] Strezhen'; povest'. Moskva, Sovetskii pisatel', 1961. 203 p.
(MH)

[LITERARY HERITAGE] Literaturna spadshchyna. Kyiv, Vyd-vo Akad. nauk URSR.
Vol. 2. [Ivan Franko; his translations and adoptions of classical Greek poetry] Ivan Franko; pereklady i perespivy iz starogrets'kykh poetiv. 1962. 494 p.

[LITERARY PORTRAITS; critical and biographical studies] Literaturni portrety; krytyko-biografichni narysy. Kyiv, Radians'kyi pys'mennyk.
Vols. 1-2. 1960.

LIVSHITS, S. E., ed. [The heart votes; verse] Golosuet serdtse; stikhi. [Magadan] Magadanskoe knizhnoe izd-vo, 1961. 71 p.
(MH)

LOBANOV, L. G. [On the rise; verse] Na pod"eme; stikhi. Kiev, Radians'kyi pys'mennyk, 1962. 44 p.
(MH)

LUKIN, IU. B. [Mikhail Sholokhov, a critical and biographical study] Mikhail Sholokhov, kritiko-biograficheskii ocherk. Moskva, Sovetskii pisatel', 1962. 282 p.

LUKINA, ANTONIJA. [Gaida's first love, a novel] Gaidas pirma milestiba, romans Vacija, Andr. Ozolina apgads, 1955. 231 p. (Part I of her trilogy Iedzimtais greks) [Publ. under her pseud. Ivande Kaija. In Latvian]

L'VOV, M. D. [Drop of the ocean; new verse] Kaplia okeana, novye stikhi. Moskva, Sovetskii pisatel', 1962. 103 p.
(MH)

MALASHENKO, A. P. [The search] Poisk. Kishinev, Kartia moldovenieske, 1961. 67 p.
(MH)

MALIUGIN, L. A. [Old friends; plays] Starye druz'ia; p'esy. Moskva, Sovetskii pisatel', 1961. 401 p.
(CLU) (MH)

MAL'TSEV, V. N. [Native land; sketches, stories] Rodnaia zemlia; ocherki, rasskazy. [Lugansk] Luganskoe oblastnoe izd-vo, 1961. 104 p.
(MH)

MALYSHKIN, A. G. [People from the backwoods] Liudi iz zakholust'ia. [ch. 1. Vstup. stat'ia B. Platonova] Moskva, Sovetskii pisatel', 1960. 378 p.
(OU)

MARCINKEVICIUS, JUSTINAS. [The pine that laughed, a novel] Pusis, kurt juokesi; apysaka. Vilnius, Valstybine grozines literaturos leidykla, 1961. 178 p. [In Lithuanian]

MARDERSHTEIN, I. G. [Reflection of the theories of brain physiology in literature] Otrazhenie v khudozhestvennoi literature uchenila o fiziologii golovnogo mozga; nauchno-populiarnyi ocherk. Pod red. Kh. K. Salakhutdinova. Tashkent, Medgiz UzSSR, 1962. 129 p.

MARKOV, G. M. [Salt of the earth, a novel in two books] Sol' zemli; roman v dvukh knigakh. Moskva, Gos. izd-vo khudozh. lit-ry, 1962. 582 p.

MARKOVYCH, M. O. (VILINSKAIA) [Stories and tales] Opovidannia ta povisti. Kyiv, Derzh. vyd-vo khudozh. lit-ry, 1961. 285 p. [Publ. under her pseud. Marko Vovchok]
(CaOTU)

MARSHAK, I. IA. [Selected works] Izbrannye proizvedeniia. [Moskva, Goslitizdat. Publ. under his pseud. M. Il'in]
Vols. 1-3 [1962]
(MH)

MARSHAK, I. IA., and E. A. SEGAL. [Stories on things that surround you] Rasskazy o tom, chto tebia okruzhaet. Moskva, Detgiz, 1962. 368 p. (Shkol'naia biblioteka) [At head of title: M. Il'in (pseud.), E. Segal.]

MARSHAK, S. IA. [Tales to be read and acted out] Skazki dlia chteniia i predstavleniia. Moskva, Izd-vo "Iskusstvo," 1962. 126 p.

MATEVUSHAU, VASIL'. [Mogilev silk; verse] Mahilouski shouk; vershy. Minsk, Dziarzh. vyd-va BSSR, 1957. 62 p.
(NN)

MAUR, IANKA, pseud. [Collected works] Zbor tvoriu. Minsk, Dziarzh. vyd-va BSSR, 1960. 2 v.
(CU)

MELIBEEV, P. P. [Sadovaia, 16; a tale] No. 16 Sadovaia St.; povest'. [Stavropol'] Stavropol'skoe knizhnoe izd-vo, 1961. 202 p.
(MH)

MIKHALKOV, S. V. [Seven comedies] Sem' komedii. Moskva, Sovetskii pisatel', 1961. 417 p. illus.
(MH)

MIROSHIN, L. A. [Stern and gentle] Surovoe i nezhnoe [Briansk] Brianskii rabochii, 1961. 46 p.

MIROSHNICHENKO, G. I. [Sons of the fatherland] Syny otechestva. Moskva, Voennoe izd-vo, 1961. 157 p.
(MH)

MIRZOEV, GAFAR. [Life goes on; verse. Translated from the Tajik] Zhizn' prodolzhaetsia; stikhi. Moskva, Sovetskii pisatel', 1962. 62 p.
(MH)

MISHURA, S. K. [Berezhany; a novel] Berezhany, roman. Kiev, Radians'kyi pys'mennykh, 1962. 458 p.
(MH)

[MODERN CZECHOSLOVAK PLAYS. Translated from the Czech and Slovak] Sovremennye chekhoslovatskie p'esy. [Per. s cheshskogo i slovatskogo Pastsel, Irzhi Gatka, Prim. L. Solntsevoi] Moskva, Iskusstvo, 1960. 590 p.
(MH)

MOLCHANOVA, L. G. [White stork] Belyi aist. Perm', Permskoe knizhnoe izd-vo, 1961. 47 p. (Rasskazy o sovetskikh liudiakh)
(MH)

MÓRICZ, ZSIGMOND. [Plays. Translated from the Hungarian] P'esy. Moskva, Iskusstvo, 1962. 513 p. illus. (Biblioteka dramaturga)

MORITS, IUNNA. [Cape of desire, verse] Mys zhelaniia; stikhi. Moskva, Sovetskii pisatel', 1961. 104 p.
(MH)

MOSCOW. AKADEMIIA OBSHCHESTVENNYKH NAUK. [Problems of Bulgarian and Czechoslovak literature] Voprosy bolgarskoi i cheskhoslovatskoi literatury. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1962. 271 p.

MUKHINA-PETRINSKAIA, V. M. [Looking forward; a tale] Smotriashchie vpered, povest'. [Saratov] Saratovskoe knizhnoe izd-vo.
Vol. 1. 1961.
(MH)

MURATALIEV, MANAIKUL, and TURSUNOV, ASKAR. [Parts of a sentence in the Kirghiz language] Kyrgyz tilindegi sailom mucholoru. Frunze, Kyrgyz SSR Ilimder Akademiiasy, 1961. 145 p. [In Kirghiz]

MUSTAFIN, GABIDEN. [After the storm; a novel. Translated from the Kazakh] Posle burl; roman. [Alma-Ata, Kazgoslitizdat, 1961] 435 p.
(MH)

MYKYTENKO, I. K. [Brothers. Juvenile delinquents. Morning] Braty. Vurkahany. Ranok. Kyiv, Derzhlitvydav, 1962. 423 p.
(MH)

MYRNYI, PANAS. [Tales] Povisti. Kyiv, Derzh. vyd-vo khudozh. lit-ry, 1955. 225 p. (Biblioteka ukrains'koho romana ta povisti)
(IU)

NADSON, S. IA. [Complete collection of verse] Polnoe sobranie stikhotvorenii. Vstup. stat'ia G. A. Bialogo. Podgotovka teksta i prim. F. I. Shushkovskoi. Moskva, Sovetskii pisatel', 1962. 504 p. (Biblioteka poeta. Bol'shaia seriia. 2. izd.)
(MH)

NEKRASOV, V. P. [Selected works; tales, stories, travel notes] Izbrannye proizvedenila; povesti, rasskazy, putevye zametki. Moskva, Goslitizdat, 1962. 685 p.
(MH)

NEMIROVICH-DANCHENKO, V. I. [Plays] P'esy. Moskva, Iskusstvo, 1962. 545 p. (Biblioteka dramaturga)
(CtY)

NIKITIN, I. S. [Works in four volumes] Sochineniia v chetyrekh tomakh. Moskva, Izd-vo "Sovetskaia Rossiia."
Vol. 1. [Verse, 1849-1851] Stikhotvoreniia, 1849-1851. 1962. 269 p.

NIKITIN, I. S. [Works in four volumes] Sochineniia v 4 tomakh. Moskva, Sovetskaia Rossiia, 1960-61. 4 v.
(PPIU)

NOLL, DIETER. [Adventures of Werner Holt, a novel. Translated from the German] Pekhkhechenilla Vernera Khol'ta; roman. Moskva, Gos. izd-vo khudozh. lit-ry, 1962. 110 p. (Roman-gazeta, no. 17(260))

NOROVA, I. [Salutation and introduction words in the Tajik literary language. Obrashchenie i vvodnye slova v tadzhikskom literaturnom iazyke. Stalinabad, Tadzhikskii gos. univ.] 1961. 91 p. [In Tajik]
(MH)

NOVAKOVICH, A. S. [The Danish language] Datskii iazyk. Moskva, Izd-vo In-ta mezhdunarodnykh otnoshenii, 1962. 63 p. (IAzyki narodov mira)

OBUKHOV, L. M. [Ships sail on patrol; a tale] Korabli ukhodiat v dozor; povest'. Moskva, Sovetskaia Rossiia, 1961. 147 p.
(MH)

OGAREV, N. P. [Verse and poems] Stikhotvoreniia i poemy. Vstup. stat'ia podgotovka teksta i primechanii S. A. Reisera. Leningrad, Sovetskii pisatel', 1961. 481 p. (Biblioteka poeta. Malaia seriia, izd. 3)
(WU)

ORLOV, P. A. [A. P. Polonskii; a study of his life and works] A. P. Polonskii [Kritiko-biograficheskii ocherk. Riazan'] Riazanskoe knizhnoe izd-vo, 1961. 95 p.
(RPB)

ORLOVA, R. D. [Uncle Tom's grandchildren in the fight; the liberation struggle of American Negroes and contemporary literature] Vnuki diadi Toma borbuiutsia, osvoboditel'naia bor'ba amerikanskikh negrov i novaia memuaria literatura. Moskva, Izd-vo "Znanie," 1962. 30 p. (Novoe v zhizni, nauke, tekhnike. VI Seriia: Literatura i iskusstvo, no. 10)

OZERNYI, B. F. [New day; verse] Novyi den', stikhi. Moskva, Sovetskii pisatel', 1961. 57 p.
(MH)

[PAGES OF REMINISCENCES ON LUGOVSKOI] Stranitsy vospominanii o Lugovskom. Moskva, Sovetskii pisatel', 1962. 328 p.

PALICHUK, B. D. [We are with you, life, verse] S tobola, zhizn'; stikhi. Kiev, Radians'kii pis'mennik, 1961. 137 p.
(MH)

PANAEV, I. I. [Selected works] Izbrannye proizvedeniia. Moskva, Gos. izd-vo khudozh. lit-ry, 1962. 664 p.
(CU)

PANAKH, MOLLA. [Lyrics. Translated from the Azerbaijani] Lirika. Moskva, Goslitizdat, 1961. 262 p. [Author's pseud., Vagif]
(MH)

PANCH, PETRO. [Blue echelons; tales] Holubye echelony; povesti. Moskva, Sovetskii pisatel', 1962. 501 p. illus.
(MH)

PANKRATOV, S. A. [My North] Moi Sever. [Murmansk] Murmanskoe knizhnoe izd-vo, 1961. 71 p. illus.
(MH)

PARFENT'EV, V. I. [Nikitskiye Gate; verse] Nikitskie vorota; stikhi. Moskva, Sovetskii pisatel', 1963. 62 p.
(MH)

PASHAEV, MIR DZHALAL ALI. [A word on humanity] Insaniyg falsafasi. [Baku] Azerneshr, 1961. 466 p. [In Azerbaijani]

PAUKSTELIS, JUOZAS. [Youth. Translated from the Lithuanian] IUnost'. Vil'nius, Goslitizdat Litovskoi SSR, 1961. 333 p.
(MH)

PLOTKIN, L.A. [The work of Vera Panova] Tvorchestvo Very Panovoi. Moskva, Sovetskii pisatel', 1962. 229 p.

POGROMSKII, N.A. [Hearts and hands; verse] Serdtsa i ruki; stikhi. [Lugansk] Luganskoe oblastnoe izd-vo, 1961. 72 p. (MH)

POPERECHNYI, A.G. [Black bread; verse and poems] Chernyi khleb; stikhotvoreniia i poemy. [Moskva] Molodaia gvardiia, 1961. 157 p. (MH)

POTUSHNIAK, F.M. [The flood; a novel] Polovod'e; roman. Moskva, Sovetskii pisatel', 1962. 396 p.

PREDA, MARIN. [Courage; a tale. Translated from the Rumanian] Smelost'; povest'. Moskva, Goslitizdat, 1962. 157 p.

PRIVALOV, B.A. [Hidden cask; humorous stories] Zavetnyi bochonok; iumoristicheskie rasskazy. Moskva, Izd-vo "Pravda," 1962. 46 p. (Biblioteka "Ogonek," no. 35)

PRIVALOV, B.A., comp. [Golden character; collected satiric and humorous stories] Zolotoi kharakter; sbornik satiricheskikh i iumoristicheskikh rasskazov, Moskva, Sovetskaia Rossiia, 1962. 378 p.

PROKOF'EV, A.A. [Collected verse] Sobranie stikhotvorenii. Moskva, Gos. izd-vo khudozh lit-ry. 1961. 2 v. (InU) (MH)

PUDALOV, F.M. [Pilot of the Cambrian sea; a novel] Lotsman Kembriiskogo moria; roman. [2. izd.] Moskva, Sovetskii pisatel', 1962. 646 p. (MH)

PUSHKIN, A.S. [On literature] O literature. Moskva, Goslitizdat, 1962. 580 p.

PUSHKIN, A.S. [Works] Sochineniia. Moskva, Gos. izd-vo khudozh. lit-ry, 1962. 3 v. (VtMiM)

RADZHABOV, Z.SH. [Russia and Tajik literature of the end of 19th and the beginning of 20th century] Rossiia i tadzhikskaia literatura kontsa XIX - nachala XX vv. Stalinabad, Tadzhikskoe gos. izd-vo, 1959. 64 p. (MH)

RAKHIM, IBRAGIM. [Captain of a blue ship; tales and stories. Translated from the Uzbek] Kapitan goluboge korobliia; povesti i rasskazy. Moskva, Sovetskii pisatel', 1962. 282 p. (MH)

RANGEL, ELLINOR. [Marta from the Owl's Nest; a tale. Translated from the Estonian] Marta iz Sovinogo gnezda; povest'. Tallin, Estonskoe gos. izd-vo, 1962. 425 p. (MH)

RASSOMAKHIN, I.D. [Classmates; a play] Odnokursni- [illegible] Estonskoe gos. izd-vo, 1961. 88 p.

/ home; a
. Tallinn,

ure chest; third
arbnytsia,
tvydav, 1962.

he palm of the
anian] Luch na
ia," 1962. 29 p.

a; stikhi.
l p.

/skii; handbook
posobie dlia
/a, Uchpedgiz,

ranslated from
Izd-vo inostr.

RIMBAUD, J.N.A. [Verse. Translated from the French] Stikhotvoreniia. Moskva, Goslitizdat, 1960. 92 p. (CLU)

ROZHDESTVENSKII, I.D. [Through the years; verse] Skvoz' gody; stikhi. [Krasnolarsk] Krasnolarskoe knizhnoe izd-vo, 1961. 305 p. (MH)

RUBINSHTEIN, L.V. [Black tornado; a historical tale] Chernyi uragan; istoricheskaia povest'. Moskva, Detgiz, 1962. 236 p.

RUSSIA (1923- U.S.S.R.) Uchebno-metodicheskoe upravlenie po vuzam. [The Russian language for foreign students, a collection of methodological articles] Russkii iazyk dlia studentov inostrantsev, sbornik metodicheskikh statei. Moskva, Gos. izd-vo "Vysshaia shkola," 1962. 310 p.

[RUSSIAN-ENGLISH PHRASE BOOK, the U.S.S.R. and England] Russko-Angliiskii razgovornik; SSSR - Angliia. [By] M.M. Kudriavtsev, S.V. Neverov, E.A. Bondi. 3. izd. Moskva, Izd-vo lit-ry na inostr. iazykakh, 1962. 260 p.

[RUSSIAN-FINNISH POCKET DICTIONARY] Karmannyi Russko-finskii slovar'. Sostavil IU.S. Elliseev. Okolo 8 000 slov. Moskva, Gos. izd-vo inostr. i natsional'nykh slovarei, 1962. 539 p.

RYBAK, N.S. [Mistake of Honore de Balzac, a novel] Pomylka Onore de Bal'zaka; roman. 3 vyd. Kyiv, Vyd-vo khudozh. lit-ry, 1961. 343 p. (CaOTU)

RYBIN, V.F. [Blue mountains, poems, verse] Sinie gory; poemy, stikhi. [Ashkhabad, Turkmenskoe gos. izd-vo, 1961] 77 p. (MH)

RZAKULIZADE, M.M. [Flowers of my native land] Ölkämin chichäklärі. Baky, Azärbaichan ushag vä käнchlär ädäbiiaty näshriiaty, 1962. 177 p. [In Azerbaijani]

SABIR, M.A. [Hophopname in three volumes] Hophopnamä uch childdä. Baky, Azärbaichan SSR Elmlär Akadomiiasy Näshriiaty. [In Azerbaijani] Vol. 1-2. 1962.

SABIR, M.A. [Selected works. Translated from the Azerbaijani] Izbrannoe. Baku, Azerbaidzhanskoe gos. izd-vo, 1962. 245 p.

SAGAN-OOL, O.K. [Man from Bayan-Tala; pages from a hero's life. Translated from the Tuvinian] Chelovek iz Baian-Tala, stranitsy zhizni geroia. Moskva, Detgiz, 1962. 94 p. (Luidi i sobytiia)

SARTBAEV, K.K. [Comparative grammar of the Turkic languages; based on materials of the Kirghiz, Kazakh, and Uzbek languages] Turk tilderinin salyshtyrma grammatikasy. Frunze, Kyrgyz SSR Ilimdor akademiiasynyn basmasy.
Pt.1. Kyrgyz, kazak, ozbek tilderi boiuncha. 1962. 110 p.

SAVITSKII, V.I. [The soldiers went on; stories] Shli soldaty; rasskazy. Moskva, Voen. izd-vo, 1961. 77 p. (Biblioteka soldata i matrosa) (MH)

SEMCHUK, S.F. [Canadian rhapsody; poetry and prose] Kanadiis'ka rapsodiia; poeziia i proza. Winnipeg, Yorkton, 1959. 132 p. (NNC)

SEMENIKHIN, G.A. [Clear sky over Moscow; a novel] Nad Moskvoiu nebo chistoe; roman. Moskva, Voenizdat, 1962. 360 p.

SEMENOV, IU.I. [Northern scouts; a tale] Severnye razvedchiki; povest'. [Murmansk] Murmanskoe knizhnoe izd-vo, 1961. 190 p. illus. (MH)

SERIKOV, S.V. [The road; verse] Doroga; stikhi. [Lipetsk] Lipetskoe knizhnoe izd-vo, 1961. 33 p. (MH)

SEVAK, G.G. [Mesrop Mashtots; foundation of the Armenian alphabet and language] Mesrop Mashtots; sozdanie armianskikh pis'men i slovesnosti. Erevan, Aipetrat, 1962. 77 p.

SEVER, N.M. [Fedor Volkov, story about the first actor of the Russian theater] Fedor Volkov; skaz o pervom rossiiskogo teatra aktere. [Arosiavl'] IAroslavskoe knizhnoe izd-vo, 1961. 133 p.

SEVORTIAN, E.V. [Affixal verb formation in the Azerbaijani language; a comparative study] Affiksy glagoloobrazovaniia v azerbaidzhanskom iazyke; opyt sravnitel'nogo issledovaniia. Moskva, Izd-vo vostochnoi lit-ry, 1962. 642 p.

SHAL'NEV, B.M. [Birch sap, verse] Berezovyi sok, stikhi. [Lipetsk] Lipetskoe knizhnoe izd-vo, 1961. 14 p. (MH)

SHAPOSHNIKOVA, SOF'IA. Rodika. Kishinev, Kartia moldoveniaske, 1961. 136 p. (MH)

SHATROV, S.M. [Something about the Vasiukovs, humoristic stories] Koe-chto o Vasiukovykh; iumoristicheskie rasskazy. 2., dop. izd. Moskva, Sovetskii pisatel', 1961. 182 p. (MH)

SHCHERBAKOVA, I.I. [M. Gorkii and A. Tolstoi in Berlin, 1921-1923, materials for the special seminar "Works of A.N. Tolstoi."] M. Gor'kii i A. Tolstoi v Berline, 1921-1923 gg.; materialy k spetsseminaru Tvorchestvo A.N. Tolstogo. Sverdlovsk, Ural'skii gos. univ. im. A.M. Gor'kogo, 1961. 10 p. (MH)

SHERIPOV, A.D. [Articles and speeches] Stat'i i rechi; sbornik. [Groznyi] Checheno-Ingushskoe knizhnoe izd-vo, 1961. 115 p. (K istorii narodov Checheno-Ingushetii) (MH)

SHEVTSOV, A.S. [To the four winds; a tale] Na vse chetyre vetra; povets'. [Murmansk] Murmanskoe knizhnoe izd-vo, 1961. 319 p. (MH)

SHISHKAN, K.B. [Revelation] Otkrovenie. [Kishinev] Kartiia moldovenlasko, 1961. 110 p. (MH)

SHISHKOV, V.IA. [Collected works] Sobranie sochinenii Moskva, Gos. izd-vo khudozh. lit-ry, 1960. 6 v.

SHISHKOV, V.IA. [Wanderers] Stranniki. [Penza] Penzenskoe knizhnoe izd-vo, 1960. 478 p. (IU) (NJP)

SHPIL'MARK, R.A. [Tale about a Russian wanderer] Povest' o stanike rossiskom. Geografgiz, 1962. 236 p. ("Puteshestviia. Prikliuchenita. Fantastika")

SHTEIN, A.P. [Plays; Spring of 1921, Admiral's flag, Personal affair, Prologue, The Astoria Hotel, Vernal violins, Ocean] P'esy; Vesna dvadtsat' pervogo, Flag admirala, Personal'noe delo, Prolog, Gostinitsa Astoriia, Vesennie skripki, Okean. Moskva, Iskusstvo, 1962. 590 p. (MH)

SHUBIN, A.I. [They were neighbors. Restless people; tales] Zhili po sosedstvu. Neposedy; povesti. Moskva, Goslitizdat, 1962. 326 p.

SHUKHOV, I.P. [Hatred] Nenavist'. [Novosibirsk] Novosibirskoe knizhnoe izd-vo, 1962. 638 p. (Biblioteka sibirskogo romana, vol. 18)

SHURTAKOV, S.I. [Where the little sun goes to bed; a short tale] Gde nochuet solnyshko; malen'kaia povest'. Moskva, Izd-vo "Pravda," 1962. 47 p. (Biblioteka "Ogonek," no. 36)

SIBIRIAKOV, B.A. [To the city and to the sea; verse and songs] Gorodu i moriu; stikhi i pesni. Vladivostok, Primorskoe knizhnoe izd-vo, 1961. 111 p. (MH)

SIDEL'NIKOV, O.V. [From the heavens to earth; a tale] S nebes, na zemliu; povest'. [Tashkent, Esh gvardiia, 1961] 185 p. (MH)

SIDORENKO, N.N. [Pleshcheyevo Lake; lyric poetry] Pleshcheevo ozero; lirika. Moskva, Sovetskii pisatel', 1961. 124 p. (MH)

SIL'CHENKO, M. S. [Soviet Kazakh literature in its current stage] Kazakhskaia sovetskaia literatura na sovremennom etape. Alma-Ata, Kazakhskoe gos. izd-vo, 1962. 66 p. (V pomoshch' slushateliam universiteta kul'tury)

SIMONOV, K. M. [Southern tales] Iuzhnye povesti. Moskva, Sovetskii pisatel', 1962. 190 p.
(CSt-H)

SIMONOV, K. M. [Verse and poems, 1936-1954] Stikhi i poemy, 1936-1954. Moskva, Gos. izd-vo khudozh. lit-ry, 1955. 578 p.
(ICU)

SINEL'NIKOV, L. I. [Crimson chime, a play] Malinovyi zvon, drama. Moskva, Iskusstvo, 1962. 29 p. (Odnoaktnye p'esy. Repertuar khudozhestvennoi samodeiatel'nosti, no 6)
(MH)

SIRVIS, PAULIUS. [Native birches rustle; verse. Translated from the Lithuanian] Shumiat rodnye berezy; stikhi. Moskva, Sovetskii pisatel', 1961. 73 p.
(MH)

SKALBE, KARLIS. [Tales. Translated from the Latvian] Skazki. Moskva, Goslitizdat, 1961. 302 p.
(MH)

SKALBE, KARLIS. [Tales. Translated from the Latvian] Skazki. Riga, Latvijskoe gos. izd-vo, 1957. 374 p. plates.
(NN)

SKREBOV, N. M. [Favorite color; verse] Liubimyi tsvet; stikhi. [Rostov-na-Donu] Rostovskoe knizhnoe izd-vo, 1961. 62 p.
(MH)

SKVORTSOV, N. V. [New house; a tale] Novyi dom, povest'. [Gor'kii, Gor'kovskoe knizhnoe izd-vo, 1961] 163 p.
(MH)

SLEPUKHIN, IU. G. [Crossroad; a novel] Perekrestok; roman. Moskva, Sovetskii pisatel', 1962. 486 p.
(MH)

SLESAREV, P. P. [Apple tree again in blossom; stories] Snova iablonia tsvetet; rasskazy. [Ul'ianovsk] Ul'ianovskoe knizhnoe izd-vo, 1961. 51 p. (Malen'kaia bibliotechka)
(MH)

SLUCHEVSKII, K. K. [Verse and poems] Stikhotvoreniia i poemy. Podgotovka teksta, vstup. stat'ia i prim. A. V. Fedorova. Moskva, Sovetskii pisatel', 1962. 466 p. (Biblioteka poeta, Bol'shaia seriia, 2. izd.)
(MH)

SLUTSKII, B. A. [Today and yesterday; book of verse] Segodnia i vchera; kniga stikhov. [Moskva, Molodaia gvardiia, 1961] 181 p.
(NN)

SMELIAKOV, IA. V. [Verse] Stikhi. Moskva, Gos. izd-vo khudozh. lit-ry, 1961. 206 p. (Biblioteka sovetskoi poezii)
(CU)

SMIRNOV, O. P. [My home is in the East] Moi dom - na Vostoke. [Moskva] Molodaia gvardiia, 1962. 334 p.

SOBKO, V. M. [Stadium; a novel] Stadion; roman. Moskva, Sovetskii pisatel', 1961. 389 p. illus.
(MH)

SOBKO, VADYM. [Case of public prosecutor Malakhov; a tale. We only dream about rest; a novel] Sprava prokurora Malakhova; povist'. Nam spokii til'ky sny-t'sia; roman. Kyiv, Derzh. vyd-vo khudozh. lit-ry, 1960. 525 p.
(NN)

SOKOL'NIKOV, V. A. [Strength of human spirit] Sila dushi cheloveches koi. [Kuibyshev] Kuibyshevskoe knizhnoe izd-vo, 1961. 66 p.
(MH)

SOLODAR', TS. S. [Fatal turkey; satiric and humorous stories] Rokovaia indeika; satiricheskie i iumoristicheskie rasskazy. Moskva, Izd-vo "Pravda," 1962. 47 p. (Biblioteka "Ogonek," no. 37)

SOSIURA, VOLODYMYR. [Happiness of a working family; verse] Shchastia sim'i trudovoi; poezii. Kyiv, Radians'kyi pys'mennyk, 1962. 320 p.

STARODUBTSEV, P. T. [Fervent heart; a documentary tale] Gorlashchee serdtse; dokumental'naia povest'. [Tula] Tul'skoe knizhnoe izd-vo, 1961. 169 p. illus.
(MH)

STEPANOV, I. N. [Blue horizons] Sinie dali. Vladivostok, Primorskoe knizhnoe izd-vo, 1961. 27 p.
(MH)

STEPUN, F. A. [Encounters, Dostoevskii, L. Tolstoi, Bunin, Zaitsev, V. Ivanov, Belyi, Leonov] Vstrechi, Dostoevskii, L. Tolstoi, Bunin, Zaitsev, V. Ivanov, Belyi, Leonov. Munich, T-vo zarubezhnykh pisatelei, 1962. 202 p.

STUKALOV, O. N. [You can't hide your face; a drama in three acts] No skryt' litsa; drama v trekh deistviiakh. Moskva, Iskusstvo, 1962. 74 p.
(NNC)

SUPRUN, A. E. [Russian numerals] O russkikh chislitel'nykh. Frunze, Kirgizskii gos. univ., 1959. 171 p. (V pomoshch' studentu)
(MH)

SURKOV, L. D. [On the topic of drama; articles] Na dramaturgicheskie temy; stat'i. Moskva, Sovetskii pisatel', 1962. 395 p.
(MH)

[TALES OF RUSSIAN WRITERS] Skazki russkikh pisatelei. [Irkutsk] Irkutskoe knizhnoe izd-vo, 1959. 136 p.
(CSt)

[TALES OF THE PEOPLES OF CHINA. Translated from the Chinese] Skazki narodov Kitaia. Moskva, Gos. izd-vo khudozh. lit-ry, 1961. 404 p.
(NNC)

TARASOV, A. F. [N. A. Nekrasov's Estate-Museum in Karabikha; guidebook] Karabikha, muzei-usad'ba N. A. Nekrasova. Putevoditel', 2., dop. izd. IAroslavl', 1961. 120 p.

TARNOVYSKY, NICOLAS. [I came back; verse of various years] IA vernulsia; stikhi raznykh let. Moskva, Sovetskii pisatel', 1961. 130 p.
(MH)

TKACHENKO, V. G. [Strange thing; collection of humorous stories] Strannoe delo; sbornik iumoristicheskikh rasskazov. [Kalinin] Kalininskoe knizhnoe izd-vo, 1960. 95 p.
(MH)

TOLSTOI, A. K. [Verse. TSar Fedor Ioannovich] Stikhotvoreniia. TSar' Fedor Ioannovich. Leningrad, Sovetskii pisatel', 1952. 626 p. illus. (Biblioteka poeta. Malaia seriia. 2. izd.)

TOLSTOI, L. N. [Collected works in 20 volumes] Sobranie sochinenii v dvadtsati tomakh. Moskva, Gos. izd-vo khudozh. lit-ry.
Vols. 1 -4. 1960.
(OrCS)

TOLSTOI, L. N. [Correspondence with Russian writers] Perepiska s russkimi pisateliami. Moskva, Goslitizdat, 1962. 718 p.

TOMCHANII, M. I. [Hotel "Soloma"] Hotel' "Soloma." Uzhhorod, Zakarpats'ke obl. vyd-vo, 1960. 317 p.

TRET'IAKOV, I. P. [Crimson light; stories] Malinovyi ogonek; rasskazy. Baku, Detizdat, 1961. 122 p.
(MH)

TRET'IAKOVA, E. A. [Portable tables for German language lessons; teachers' aids for developing skill in the spoken language] Peredvizhnye tablitsy na urokakh nemetskogo iazyka; posobie dlia uchitelei po razvitiiu navykov ustnoi rechi. Moskva, Uchpedgiz, 1960. 242 p.
(CLU)

TRIFONOVA, T. K. [Soviet literature of the 1930's] Sovetskaia literatura 30-kh godov. Moskva, Izd-vo "Znanie," 1962. 36 p. (Narodnyi universitet kul'tury: Fakul'tet literatury i iskusstva, no. 8)

TROFYMOVYCH, K. K. [Handbook of the comparative grammar of the Slavic languages; phonetics] Praktykum z porivnial'noi gramatyky slov'ians'kykh mov; fonetyka. [L'viv] Vyd-vo L'vivs'koho univ., 1960. 226 p.
(CaOTU)

TRUBLITSKOI, IURII. [Dramble bush; verse] Ternovnik; stikhi. Paris, Izd-vo "Rifma" imeni Ivana Iasena, 1962. 45 p.
(RPB)

TSIUPA, I. A. [Thunderstorms and rainbows; a novel] Hrozy i raiduhy, roman. Kyiv, Radians'kyi pys'mennyk, 1961. 452 p. illus.
(MH)

TSURIKOVA, G. M. Ol'ga Berggol'ts. Leningrad, Ob-vo po rasprostraneniiu polit. i nauchn. znanii RSFSR, 1961. 49 p.
(MiU)

TURGENEV, I. S. [Tales, adaptation, commentaries and vocabulary by E. IU. Vladimirskii and V. A. Zaitsev] Povesti. Adaptatsiia, kommentarii i slovar' E. IU. Vladimirskogo i V. A. Zaitseva. Moskva, Izd-vo lit-ry na inostr. iazykakh [1961] 167 p.
(MiU)

TVARDOVSKII, A. T. [Verse from a notebook] Stikhi iz zapisnoi knizhki. [Moskva] Molodaia gvardiia, 1961. 127 p.
(CU) (NN)

UFIMTSEVA, A. A. [Study of words as a system; based on the English language] Opyt izucheniia leksiki kak sistemy; na materiale angliiskogo iazyka. Moskva, Izd-vo Akad. nauk SSSR, 1962. 266 p.

UKRAINKA, LESIA. [Verse and poems] Stikhotvoreniia i poemy. Moskva, Gos. izd-vo detskoi lit-ry, 1956. 157 p. (Shkol'naia biblioteka dlia nerusskikh shkol)
(InU)

URAL'SKYI, L. [Village on the Borzhava, a sketch] Selo nad Borzhavoiu; narys. Uzhhorod, Zakarpats'ke obl. knyzhkovo-gazetne vyd-vo, 1960. 20 p.
(MH)

USTINOVICH, N. S. [Footprint of a man, stories] Sled cheloveka, rasskazy. Krasnodarsk [Krasnodarskoe knizhnoe izd-vo] 1961. 109 p.
(MH)

VAGAB-ZADE, B. M. [Recognition. Evening of parting] E'tiraf. Shebi-hichran. Baku, Azerbaidzhan ushag vo kenchiler edebiiaty neshriiaty, 1962. 186 p. [In Azerbaijani]

VARAANDI, DEBORA. [Verse and poems. Translated from the Estonian] Stikhotvoreniia i poemy. Moskva, Gos. izd-vo khudozh. lit-ry, 1960. 150 p.
(NNC)

VASHCHENKO, O. N. [Wicket gate; verse] Kalitka; stikhi. [Briansk] Briunskii rabochii, 1961. 63 p.
(MH)

VASIL'EV, A. N. [Monday is a difficult day; a novel] Ponedel'nik - den' tiazholyi; roman. Moskva, Sovetskii pisatel', 1961. 399 p.
(MiU)

VAVILIN, I. M. [Verse. Translated from the Komi] Stikhotvoreniia. Syktyvkar, Komi knizhnoe izd-vo, 1961. 126 p.
(MH)

VEIDENBAUMS, EDUARDS. [Verse. Translated from the Latvian] Stikhotvoreniia. Moskva, Goslitizdat, 1961. 74 p.
(MH)

VELIEV, SULEIMAN. [Controversial city; a novel. Translated from the Azerbaijani] Spornyi gorod; roman. Baku, Azerbaidzhanskoe gos. izd-vo, 1961. 202 p.
(MH)

VERSHYHORA, PETRO. [The crossing; true stories] Pereprava; novyi hadani prykhody. [Kyiv] Kyivs'ko obl. knyzhkovo-gazetne vyd-vo, 1961. 177 p. illus.
(NN)

VETLUGIN, I. M. [Sources; verse] Istoki; stikhi. Barnaul, Altaiskoe knizhnoe izd-vo, 1961. 116 p.
(MH)

V'IAZOVS'KYI, H. A. [The literary type and its prototypes] Literaturno-khudozhnii typ i joho prototypy. Kyiv, Derzhlitvydav Ukrainy, 1962. 73 p. (Dosidy pro khudozhniu literaturu)

VDISHCHEV, B. V. [On the literary craftsmanship of classical writers: "Mtsyri" by Lermontov, and "With a full voice" by Malakovskii] O khudozhestvennom masterstve pisatelei-klassikov Lermontov "Mtsyri," Malakovskii "Vo ves' golos." Balashov, Balashovskii gos. pedagog. in-t, 1961. 22 p. (V pomoshch' shkole) (MH)

VIGDOROVA, F. A. [Family happiness; a tale] Semeinoe schast'e; povest'. Moskva, Sovetskii pisatel', 1962. 282 p. (MH)

VINOGRADOV, A. K. [Condemnation of Paganini, a novel] Osuzhdenie Paganini; roman. Belgorod, Belgorodskoe knizhnoe izd-vo, 1960. 343 p. illus. (InU)

VINOKUROV, E. M. [Words, new verse] Slovo, novye stikhi. Moskva, Sovetskii pisatel', 1962. 97 p.

VOLLVICH, I. V. [Contemporary literature of the Netherlands] Sovremennaia literatura Niderlandov. Moskva, Izd-vo "Znanie," 1962. 47 p. (Novoe v zhizni, nauke, tekhnike. VI Seriia. Literatura i iskusstvo, no. 15)

VOLKOV, A. A. [Work of A. I. Kuprin] Tvorchestvo A. I. Kuprina. Moskva, Sovetskii pisatel', 1962. 430 p.

VOLYNSKII, L. N. [House in the sun] Dom na solntsepeke. Moskva, Sovetskii pisatel', 1961. 161 p. (MH)

VOROB'EV, E. Z. [So that tomorrow may come quickly; stories] Skoree by nastalo zavtra; rasskazy. Moskva, Voenizdat, 1962. 217 p.

WEHRLI, MAX. [General literary criticism. Translated from the German] Obshchee literaturovedenie. Red., predisl. i primechaniia A. S. Dmitrieva. Moskva, Izd-vo inostr. lit-ry, 1957. 243 p. (CoU)

ZABASHTA, L. V. [Song and bread] Pisnia i khlib. Kyiv, Radians'kyi pys'mennyk, 1961. 217 p. (MH)

ZAHREBEL'NYI, P. A. [Sultriness, a novel] Speka; roman. Kyiv, Radians'kyi pys'mennyk, 1961. 346 p. (MH)

ZAHUL, D. IU. [Selected works] Vybrane. Kyiv, Radians'kyi pys'mennyk, 1961. 410 p. (MH)

ZEMSKOV, V. F. [Critical review, on lectures and brochures of some problems of Russian literature and the literatures of the peoples of the U. S. S. R.] Obzornaia retsenzila, na lektsii i broshiury po nekotorym voprosam russkoi literatury i literatury narodov SSSR. Moskva, Izd-vo "Znanie," 1962. 21 p. (V pomoshch' lektoru)

ZHIGALOV, I. M., comp. [Sea duty; stories, sketches, verse] O sluzhbe morskoi; rasskazy, ocherki, stikhi. Moskva, Voennoe izd-vo, 1961. 197 p. (MH)

ZHURAKHOVYCH, S. M. [Two on the road; stories] Dvoe v puti; rasskazy. Moskva, Gos. izd-vo khudozh. lit-ry, 1961. 46 p. (Rasskazy sovetskikh pisatelei) (NNC)

ZIGMONTE, D. [Children and trees reach for the sun, Sea gates; novels. Translated from the Latvian] Deti i derev'ia tianutsia k solntsu; roman. Morskie vorota; roman. [Moskva, Sovetskii pisatel', 1961] 535 p. (MH)

ZINCHENKO, I. M. [Miners at the front; a documentary tale] Shakhtery na fronte; dokumental'naia povest'. [Lugansk] Luganskoe oblastnoe izd-vo, 1961. 186 p. (MH)

ZORICH, A., pseud. [Most important; stories, sketches, feuilletons] Samoe glavnoe; rasskazy, ocherki, fel'etony. Moskva, Sovetskii pisatel', 1961. 254 p. (MH)

ZOZULIA, E. D. [I am at home; stories] IA doma; rasskazy. Moskva, Sovetskii pisatel', 1962. 249 p. (MH)

ZVEREVA, E. N., and I. G. EBER. [Grammatical comparisons of the English and Russian languages, a translation aid] Grammaticheskie sootvetstvila angliiskogo i russkogo iazykov, posobie dlia perevoda. [Leningrad] Izd-vo Leningr. univ., 1962. 298 p.

ZWEIG, STEFAN. [Balzac. Translated from the German] Bal'zak. Pod red. E. Zaks. Moskva, Molodaia gvardiia, 1961. 493 p. illus. (Zhizn' zamechatel'nykh liudei) (MID)

12. GEOGRAPHY & GEOLOGY

AKADEMIIA NAUK KAZAKHSKOI SSR. Alma-Ata. Otdel geografii. [Glaciological research during the IGY] Glatsiologicheskie issledovaniia v period MGG. Alma-Ata, Izd-vo Akad. nauk Kazakhskoi SSR. [With summaries in English]
No. 2. [Trans-Ili and Dzungarian Ala-Tau] Zailiiskii i Dzhungarskii Alatau. 1962. 208 p.

AKADEMIIA NAUK KIRGIZSKOI SSR, Frunze. Tian'-shanskaia fiziko-geograficheskaia stantsiia. [Material from glaciological studies; Tien Shan (Terskei Ala-Tau)] Materialy gliatsiologicheskikh issledovanii; Tian'-Shan' (Terskei Ala-Too). Frunze, Izd-vo Akad. nauk Kirgizskoi SSR.
No. 3. [Thawing of glaciers] Taianie lednikov. 1961. 247 p.
No. 4. TSigel'naia, I. D. [Snow cover] Snezhnyi pokrov. 1961. 77 p.

AKADEMIIA NAUK SSSR. Otdelenie geologo-geograficheskikh nauk. [Petrography of Eastern Siberia] Petrografiia Vostochnoi Sibiri. Moskva, Izd-vo Akad. nauk SSSR.
Vol. 2. [Siberian Platform and its southern margin] Sibirskaia platforma i ee iuzhnoe obramlenie. 1962. 446 p.

AKADEMIIA NAUK UZBEKSKOI SSR, Tashkent. Institut matematiki. [Fedchenko Glacier] Ledник Fedchenko. Tashkent, Izd-vo Akad. nauk Uzbekskoi SSR. [With summary in English]
Vol. 2. 1962. 107 p.

APRODOV, V. A. [Six thousand kilometers across the Mongolian People's Republic; geological notes] 6000 kilometrov po MNR; zapiski geologa. Moskva, Geografgiz, 1962. 203 p.

BERG, L. S. [The history of Russian geographical discoveries] Istoriia russkikh geograficheskikh otkrytii. Moskva, Izd-vo Akad. nauk SSSR, 1962. 295 p.

BERSHADSKII, R. IU. [Two steps from the equator] V dvukh shagakh ot ekvatora. Moskva, Sovetskii pisatel', 1962. 121 p.

DOGUSH, O. I., and O. V. IUFEREV. [Foraminifers and stratigraphy of Carboniferous sediments in the Kara-Tau and Talas Ala-Tau] Foraminifery i stratigrafiia kamennougol'nykh otlozhenii Karatau i Talasskogo Alatau. Moskva, Izd-vo Akad. nauk SSSR, 1962. 234 p.

CHIRKOVA, Z. K., ed. [Murmansk; photograph album] Murmansk; [fotoal'bom. Murmansk] Murmanskoe knizhnoe izd-vo, 1961. 1 v. illus. [MICROFILM]

EL'NITSKII, L. A. [Ocean voyages of early antiquity] Drevneishie okeanskie plavaniia. Moskva, Geografgiz, 1962. 83 p.

[GEOGRAPHICAL YEARBOOK] Geografinis metraštis. Vilnius, Lietuvos TSR Geografine draugija. [In Lithuanian with summaries in German and Russian]
No. 4. 1961. 453 p.

[GEOLOGY OF THE SUBSURFACE SLOPE OF THE CASPIAN SEA] Geologicheskoe stroenie podvodnogo sklona Kaspiiskogo moria. [By] M. V. Klenova i dr. Moskva, Izd-vo Akad. nauk SSSR, 1962. 636 p.

GLADCHENKO, A. IA. [Brachiopods and stratigraphy of the Lower Carboniferous in the region of Lake Son-Kul' of Kirghizia] Brakhiopody i stratigrafiia nizhnego karbona Prisonkul'skogo raiona Kirgizii. Frunze, Akad. nauk Kirgizskoi SSR, 1960. 211 p.

GNEVUSHEVA, E. I. [In the land of three-thousand islands; Russian scientists in Indonesia] V strane trekh tysiach ostrovov; russkie uchenye v Indonezii. Moskva, Izd-vo vostochnoi lit-ry, 1962. 221 p.

GRIGOR'EV, D. P. [Fundamentals of the constitution of minerals] Osnovy konstitutsii mineralov. Moskva, Gosgeoltekhizdat, 1962. 59 p.

HENNIG, RICHARD, ed. [Unknown lands. Translated from the German] Nevedomye zemli. Predisl. A. B. Ditmara i I. P. Magidovicha. Red. A. B. Ditmara. Moskva, Izd-vo inostr. lit-ry, 1961. 1v. (WaU)

KELLER, B. M., ed. [Ancient rocks of China. Translated from the Chinese and English] Drevneishie porody Kitaia, sbornik statei. Moskva, Izd-vo inostr. lit-ry, 1962. 305 p.

KHAM'IANOVA, N. V. [Asynchronism of the discharge of large Central Asian rivers] Asinkhronnost' stoka krupnykh rek Srednei Azii. Frunze, Izd-vo AN Kirgizskoi SSR, 1961. 60 p.

KORNILOV, B. A. [Relief of the southeastern margin of the Aldan Plateau] Rel'ef iugo-vostochnoi okrainy Aldanskogo nagor'ia. Moskva, Izd-vo Akad. nauk SSSR, 1962. 95 p.

KOZIK, S. M. [Calculation of the movement of avalanches] Raschet dvizhenila snezhnykh lavin. Pod red. P. M. Mashukova. Leningrad, Gidrometeoizdat, 1962. 74 p.

KRIGER, N. I. [Quaternary sediments of Africa and southwestern Asia] Chetvertichnye otlozhenila Afriki i Perednei Azii. Moskva, Izd-vo Akad. nauk SSSR, 1962. 141 p.

KUNITSA, N. A. [Kiliya, study] Kiliia; ocherk. [Odessa] Odesskoe knizhnoe izd-vo, 1962. 141 p.

KURBANOV, M. K. [African meetings] Afrika korushleri. Baky Azerbaichan devlet neshrilliaty, 1962. 80 p. [In Azerbaijani]

KUZ'MISHCHEV, V. A. [Cuba] Kuba. Moskva, Sovetskii khudozhnik, 1961. 67 p. illus.

LAZ'KO, E. M. [Fundamentals of the regional geology of the U. S. S. R.] Osnovy regional'noi geologii SSSR. [L'vov] Izd-vo L'vovskogo univ.
Vol. 1. [European Russia and the Caucasus] Evropeiskaia chast' i Kavkaz. 1962. 423 p.

LENTIN, ALBERT PAUL. [Senegal today. Translated from the French] Senegal segodnia. Moskva, Izd-vo vostochnoi lit-ry, 1961. 68 p. illus. (CU)

LIU HUNG-YUNG, comp. [Paleogeographical atlas of China. Translated from the Chinese] Paleogeograficheskii atlas Kitaia. Pod red. i s predisl. D. S. Sokolova. Moskva, Izd-vo inostr. lit-ry, 1962. 117 p.

LUKOIANOV, S. M. [Africa; physicogeographical features] Afrika; fiziko-geograficheskaia kharakteristika. [Leningrad] Izd-vo Leningr. univ., 1962. 140 p.

MACHATSCHEK, FRITZ. [Crustal relief; experiment in the regional morphological description of the earth's surface. Translated from the German] Rel'ef zemli; opyt regional'nogo morfologicheskogo opisaniia poverkhnosti zemli. Moskva, Izd-vo inostr. lit-ry, 1959- 1 v. (WaU)

MADATOV, E. KH. [Pyroclastic rocks] Piroklasticheskie gornye porody. Baku, Azerneshr, 1962. 247 p.

MALAKHOV, A. A. [Short course in general geology] Kratkii kurs obshchei geologii. Moskva, Gos. izd-vo "Vysshaia shkola," 1962. 241 p.

MARKOV, V. I. [Parks of Triumph] Parki Pobedy. [Leningrad] Lenizdat, 1962. 152 p.

MOSCOW. UNIVERSITET. Geograficheskii fakul'tet. [Erosion and runoff] Voprosy erozii i stoka. Pod red. B. P. Orlova, I. S. Shchukina. [Moskva] Izd-vo Mosk. univ. 1962. 256 p.

MUSAELIAN, SH. A. [Lee waves in the atmosphere] Volny propiatsivli v atmosfere. Leningrad, Gidrometeoizdat, 1962. 142 p.

[ON A SUNNY HIGHWAY; concise manual and guidebook for the Moscow - Yalta automobile route] Na solnechnoi magistrali; kratkii spravochnik-putovoditel' po avtotrasse Moskva - IAlta. [Belgorod] Belgorodskoe knizhnoe izd-vo, 1962. 114 p.

PECSI, MARTON, and BELA SARFALVI. [Hungary, studies on physical and economic geography] Vengriia, ocherki fizicheskoi i ekonomicheskoi geografii. Moskva, Geografgiz, 1962. 315 p.

PERSHINA, A. I. [Silurian and Devonian sediments of the Chernyshev Ridge] Siluriiskie i devonskie otlozheniia grialy Chernysheva. Moskva, Izd-vo Akad. nauk SSSR, 1962. 120 p. 7 diagrams.

PETROV, V. P., ed. [Problems in the mineralogy of clays. Translated from the English] Voprosy mineralogii gliny; sbornik statei. Moskva, Izd-vo inostr. lit-ry, 1962. 463 p.

PODOBEDOV, N. S. [Topographic mapping] Topograficheskoe kartografirovanie. [Moskva] Geodezizdat, 1962. 264 p.

POLOZOV, V. V. [Across two oceans] Cherez dva okeana. [Kalinin] Kalininskoe knizhnoe izd-vo, 1960. 62 p.

PRINADA, V. D. [Mesozoic flora of Eastern Siberia and Transbaikalia] Mezozoiskaia flora Vostochnoi Sibiri i Zabaikal'ia. Pod red. A. I. Turutanovoi-Ketovoi. Moskva, Gosgeoltekhizdat, 1962. 307 p.

RUSSIA (1923- U. S. S. R.) Glavnoe upravlenie geodezii i kartografii. [Atlas of the U. S. S. R.] Atlas SSSR. Moskva, 1962. 185 p.

SEMENOV, I. S. [The Irtysh waters will flow to Karaganda] Vody Irtysha pridut v Karaganda. Moskva, Izd-vo "Znanie," 1962. 28 p. (Novoe v zhizni, nauke, tekhnike. XII Seriia. Geologiia i geografiia, no. 11)

SHULEIKIN, A. S., and others. [Lettering for plans and maps] Shrifty dlia planov i kart. Moskva, Geodezizdat, 1962. 54 p.

SINEGUB, E. S. [How to collect rocks and minerals] Kak sobirat' gornye porody i mineraly. 3 izd. Moskva, Gosgeoltekhizdat, 1962. 45 p. (Bibliotechka iskatelia poleznykh iskopaemykh)

SOBETSKII, V. A. [Upper Cretaceous Pectinacea in the middle Dniester Valley, their taxonomic composition and ecological characteristics] Verkhnemelovye Pectinacea Srednego Pridnestrov'ia, ikh sistematicheskii sostav i ekologicheskie osobennosti. Kishinev, Izd-vo "Shtiintsa," 1961. 95 p.

VLADIMIROV, V., A. SOKOLOV, and G. IASONAS. [Around Moscow in an automobile; transit routes and traffic on squares] Po Moskve na avtomobile; tranzitnye marshruty i dvizhenie na ploshchadiakh. Moskva, Izd-vo M-va kommun. khoz. RSFSR, 1962. 284 p.

VSESOIUZNOE PALEONTOLOGICHESKOE OBSHCHESTVO. [Importance of the biosphere in geological processes. Problems of the interrelation of paleontology and tectonics; transactions] Znachenie biosfery v geologicheskikh protsessakh. Voprosy vzaimosviazi paleontologii i tektoniki; trudy V i VI sessii Vsesoiuznogo paleontologicheskogo obshchestva. Moskva, Gosgeoltekhizdat, 1962. 247 p.

[WITH HAND OVER HEART; collected sketches of foreign writers on Uzbekistan. Translated from French and other languages] Polozha ruku na serdtse, sbornik ocherkov inostrannykh pisatelei ob Uzbekistane. Tashkent, Gos. izd-vo khudozh. lit-ry, 1962. 85 p.

ZABIROV, R. D., and IU. F. KNIZHNIKOV. [Phototheodolite surveying of the Tien Shan glaciers during the I. G. Y.] Fototeodolitnaia s"emka lednikov Tian'-Shania v period MGG. Frunze, Izd-vo Akad. nauk Kirgizskoi SSR, 1962. 99 p. [With summary in English],

13. SCIENCE

AGZIBEKOV, O. G., and others, comps. [Russian-French nuclear dictionary] Russko-frantsuzskii iadernyi slovar'. Pod red. D. I. Voskoboinika. Moskva, Glav. red. inostr. nauchno-tekhn. slovarei Fizmatgiza, 1962. 627 p.

AKADEMIIA NAUK GRUZINSKOI SSR, Tiflis. Institut geofiziki. [Annual of geophysical observations, 1958] Ezhegodnik geofizicheskikh nabliudenii, 1958. Tbilisi, Izd-vo Akad. nauk Gruzinskoi SSR, 1961. 151 p.

AKADEMIIA NAUK KAZAKHSKOI SSR, Alma-Ata. Institut iazykoznaniia. [Russian-Kazakh dictionary] Russko-kazakhskii terminologicheskii slovar'. Alma-Ata, Izd-vo Akad. nauk Kazakhskoi SSR.
Vol. 11. Ramazanov, E. [Botany and soil science] Botanika i pochvovedenie. 1962. 468 p.

AKADEMIIA NAUK KIRGIZSKOI SSR, Frunze. Institut zoologii i parazitologii. [Birds of Kirghizia] Ptitsy Kirgizii. Frunze, Izd-vo Akad. nauk Kirgizskoi SSR.
Vol. 3. 1961. 359 p.

AKADEMIIA NAUK SSSR. Institut geografii. [Heat balance in forest and meadow] Teplovoi balans lesa i polia. Moskva, Izd-vo Akad. nauk SSSR, 1962. 233 p.

AKADEMIIA NAUK SSSR. Institut neftekhimicheskogo sinteza. [Radiolysis of hydrocarbons, some physicochemical problems] Radioliz uglevodorodov; nekotorye fiziko-khimicheskie problemy. Moskva, Izd-vo Akad. nauk SSSR, 1962. 207 p.

AKADEMIIA NAUK SSSR. Institut teoreticheskoi astronomii. [Ephemerides of minor planets for 1963] Efemeridy malykh planet na 1963 god. Moskva, Izd-vo Akad. nauk SSSR.
Vol. 17. 1962. 157 p.

AKADEMIIA NAUK SSSR. Otdelenie biologicheskikh nauk. [Electroencephalographic study of higher nervous activity] Elektroentsefalograficheskoe issledovanie vysshei nervnoi deiatel'nosti. Moskva, Izd-vo Akad. nauk SSSR, 1962. 403 p.

AKADEMIIA NAUK SSSR. Tikhookeanskii komitet. [Transactions of the Pacific Ocean Committee] Trudy. Moskva, Izd-vo Akad. nauk SSSR.
Pt. 6. Shmidt, P. IU. [Fishes of the Sea of Okhotsk] Ryby Okhotskogo moria. 1950. 370 p. xx tables.

AKADEMIIA NAVUK BSSR, Minsk. Instytut biialogii. [Physiology and biochemistry of plants] Fiziialogiia i biokhimiia rastenii. Minsk, Izd-vo Akad. nauk BSSR, 1962. 127 p.

AKADEMIIA PEDAGOGICHESKIKH NAUK RSFSR, Moscow. Institut obshchego i politekhnicheskogo obrazovaniia. [Tie between teaching botany and the work of students in plant growing] Sviaz' obucheniia botanike s trudom uchashchikhsia po rastenievodstvu. Pod red. V. N. Fedorovoi. Moskva, Izd-vo Akad. pedagog. nauk RSFSR, 1962. 146 p.

[ALONG THE STREETS OF MOSCOW, guidebook] Po ulitsam Moskvy; putevoditel'. [Moskva] Mosk. rabochii, 1962. 420 p.

BARKOV, V. G. [Along the forest path, a forester's notes] Na lesnoi tropе; zapiski lesnichego. Izd. 2., dop. [Moskva] Mosk. rabochii, 1962. 157 p.

BASHARIN, G. P. [Tables of probabilities and root-mean-square deviations of losses on a fully accessible pencil of lines] Tablitsy veroiatnostei i srednikh kvadraticheskikh otklonenii poter' na polnodostupnom puchke linii. Moskva, Izd-vo Akad. nauk SSSR, 1962. 127 p.

BIRKGAN, A. IU., and G. P. VOSKRESENSKII. [Programming for the "Ural-2" digital computer] Programmirovanie dlia tsifrovoi vychislitel'noi mashiny "Ural-2." Moskva, Sovetskoe radio, 1962. 200 p.
[MICROFILM]

BLIAKHER, L. IA. [Outline of the history of animal morphology] Ocherk istorii morfologii zhivotnykh. Moskva, Izd-vo Akad. nauk SSSR, 1962. 202 p.

BREZHNEVA, N. E., ed. [Methods for obtaining radioactive preparations] Metody polucheniia radioaktivnykh preparatov; sbornik statei. Moskva, Gosatomizdat, 1962. 170 p.

BRON, O. D. [The electromagnetic field as a form of energy] Elektromagnitnoe pole kak vid materii. Moskva, Gosenergoizdat, 1962. 259 p.

BUDYLIN, B. V., and A. A. VOROB'EV. [Effect of radiation on ionic structures] Deistvie izlucheniia na ionnye struktury. Moskva, Gosatomizdat, 1962. 106 p.

BUIANOV, A. F. [Nuclei, atoms, molecules] IAdra, atomy, molekuly. Moskva, Gosatomizdat, 1962. 366 p.

CHAIKOVSKII, V. I., ed. [Determination of the parameters of random processes. Translated from the English] Opredelenie parametrov sluchainykh protsessov; sbornik statei. Kiev, Gostekhizdat USSR, 1962. 167 p.

CHEBOTAREV, R. S., and IU. B. RATNER. [Short dictionary of parasitology] Kratkii parazitologicheskii slovar'. Pod obshchei red. Kh. S. Goreglada. Minsk, Gos. izd-vo sel'khoz. lit-ry BSSR, 1962. 320 p.

CHEKMAREV, IA. F. [Methodology of teaching arithmetic in the fifth and sixth grades of eight-year schools] Metodika prepodavaniia arifmetiki v V-VI klassakh vos'miletnei shkoly. Moskva, Uchpedgiz, 1962. 410 p.

CHERKASOVA, L. S., and others. [Ionizing radiation and metabolism] Ioniziruiushchee izluchenie i obmen veshchestv. Minsk, Izd-vo Akad. nauk BSSR, 1962. 172 p.

CHETAEV, N. G. [Stability of motion. Works on analytic mechanics] Ustoichivost' dvizheniia. Raboty po analiticheskoi mekhanike. Moskva, Izd-vo Akad. nauk SSSR, 1962. 535 p.

CHISTIAKOV, F. M., and K. A. MUDRETSOVA-VISS. [Microbiology] Mikrobiologiia. 2. izd., perer. i dop. Moskva, Gosizdat, 1962. 276 p.

DANILOV, N. I. [Units of measurements, handbook for teachers of physics] Edinitsy izmerenii; spravochnik dlia prepodavatelei fiziki. Moskva, Uchpedgiz, 1961. 303 p.

DEMIDOVICH, B. P. [Collection of problems and exercises in mathematical analysis] Sbornik zadach i uprazhnenii po matematicheskomu analizu. Izd. 5., dop. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1962. 544 p.

DENYSOVA, O. I., and IU. H. MAISTRENKO. [Hydrochemistry of Kakhovka Reservoir] Gidrokhimiia Kakhovs'kogo vodoimyshcha. Kyiv, Vyd-vo Akad. nauk URSR, 1962. 198 p.

DERIUGIN, K. K., ed. [Study of sea ice abroad] Issledovaniia morskogo l'da za rubezhom. Leningrad, Gidrometeoizdat, 1962. 165 p.

FATALIEV, KH. M. [Marxism-Leninism and the natural sciences] Marksizm-leninizm i estestvoznanie. Red. kollegiia: K. A. Novoselt'sev, IU. F. Safonov, I. P. E. Sivokon'. [Moskva] Izd-vo Mosk. univ., 1962. 361 p.

FIKHTENGOL'TS, G. M. [Course in differential and integral calculus] Kurs differentsial'nogo i integral'nogo ischisleniia. Izd. 5., stereotipnoe. Moskva, Fizmatgiz.
Vol. 2. 1962. 807 p.

[FLORA OF THE KIRGHIZ S. S. R.; classification key of the plants of the Kirghiz S. S. R.] Flora Kirgizskoi SSR; opredelitel' rastenii Kirgizskoi SSR. Sost. E. V. Nikitina i dr., Nauchn. red. A. I. Vedenskii. Frunze, Izd-vo Akad. nauk Kirgizskoi SSR. [In Russian with summary in Kirghiz]
Vol. 10. [Families: Cuscutaceae, Polemoniaceae, Boraginaceae, Verbenaceae, Scrophulariaceae, Bignoniaceae, Orobanchaceae, Lentibulariaceae, Plantaginaceae, Rubiaceae, Caprifoliaceae, Adoxaceae, Valerianaceae, Morinaceae, Dipsacaceae, Cucurbitaceae, Campanulaceae, Lobeliaceae] Semeistva. Povilikovye, Sinukhovye, Burachnikovye, Verbenovye, Norichnikovye, Bignonievye, Zarazikhovye, Puzyrchatkovye, Podorozhnikovye, Marenovye, Zhimolostnye. Adoksovye, Valerianovye, Morinovye, Vorsiankovye, Tykvennye, Kolokol'chikovye, Lobelievye. 1962. 387 p.

FRANK, PHILIPP. [Philosophy of science; the link between science and philosophy. Translated from the English] Filosofiia nauki; sviaz' mezhdu naukoi i filosofiei. Obshchaia red. i vstup. stat'ia G. A. Kursanova. Moskva, Izd-vo inostr. lit-ry, 1960. 542 p. illus.
(MII)

GADZHIEV, T. A., and T. N. SHAKHTAKHTINSKII. [Vinyl compounds] Vinilovye soedineniia. Baku, Azerbaidzhanskoe gos. izd-vo, 1962. 269 p.

GEKKER, R. F., A. I. OSIPOVA, and T. N. BEL'SKAIA. [Fergana Bay of the Paleogene Sea in Central Asia, its history, sediments, fauna, flora, conditions governing their existence and development] Ferganskii zaliv paleogenovogo moria Srednei Azii; ego istoriia, osadki, fauna, flora, usloviia ikh obitaniia i razvitiia. Moskva, Izd-vo Akad. nauk SSSR.
Books 1-2. 1962.

GRADSHTEIN, I. S., and I. M. RYZHIK. [Tables of integrals, sums, series, and products] Tablitsy integralov, summ, riadov i proizvedenii. Izd. 4., perer. pri uchastii IU. V. Geronimusa i M. IU. TSeitlina. Moskva, Fizmatgiz, 1962. 1100 p.

GURZADIAN, G. A. [Planetary nebulae] Planetarnye tumannosti. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1962. 384 p. (Problemy teoreticheskoi astrofiziki)

HUDYMENKO, F. S., I. A. PAVLIUK, and V. O VOLKOVA [Collection of problems on differential equations] Zbirnyk zadach z dyferentsial'nykh rivnian'. Za red. F. S. Hudymanka. [Kyiv] Vyd-vo Kyivs'koho univ., 1962. 166 p.

IUBILEINAIA DARVINOVSKAIA KONFERENTSIIA, 1960. [Transactions of the Darwin Anniversary Conference] Trudy. Kishinev, Izd-vo "Shtiintsa," 1960. 389 p.

KACHURIN, L. G. [Electric measurements of aerophysical values] Elektricheskie izmerenila aerofizicheskikh velichin. [Leningrad] Izd-vo Leningr. univ., 1962. 414 p.

KATSKOVA, O. N., and IU. D. SHMYGLEVSKII. [Tables of the parameters of the axially symmetric supersonic flow of a freely expanding gas with a plane transition surface] Tablitsy parametrov osesimmetrichnogo sverkhzvukovogo techenila svobodno rasshirlaiushchegosia gaza s ploskoi perekhodnoi poverkhnost'iu. Moskva, Izd-vo Akad. nauk SSSR, 1962. 363 p.

KHLOPIN, V. G. [Letters written to V. I. Vernadskii, 1916-1943] Pis'ma k V. I. Vernadskomu, 1916-1943. Sost. L. L. Zatiseva i D. V. Levshin. Pod obshchei red. V. I. Baranova i N. G. Khlopina. Moskva, Akad. nauk, 1961. 86 p.
(MII)

KRAMER, A. Russko-angliiskii slovar' po astronomii. Russian-English dictionary on astronomy. [Trenton, Scientific Russian Translating Service, 1962] 191 p.

KRIVOSHEIN, L. E. [Approximate methods for solving ordinary linear integrodifferential equations] Priblizhennye metody reshenila obyknovennykh lineinykh integro-differentsial'nykh uravnenii. Frunze, Akad. nauk Kirgizskoi SSR, 1962. 183 p.

KUCHEROV, E. V. [Calendar of nature in Bashkiria] Kalendar' prirody Bashkirii. Ufa, Bashkirskoe knizhnoe izd-vo, 1960. 83 p.
[MICROFILM]

KUPERMAN, F. M. [Theory of individual development and ways of controlling the nature of the organism; lecture from a course in the biology of plant development] Teoriia individual'nogo razvitiia i puti upravleniia prirodoi organizma; lektsiia iz kursa "Biologiia razvitiia rastenii." Izd. 2., dop. i perer. [Moskva] Izd-vo Mosk. univ., 1962. 67 p.

KUZNETSOVA, L. I. [Shifting continents] Kuda plyvut materiki. Moskva, Geografgiz, 1962. 117 p.

LAVROV, N. V., and A. P. SHURYGIN. [Introduction to the theory of combustion and fuel gasification] Vvedenie v teoriiu goreniia i gazifikatsii topliva. Moskva, Izd-vo Akad. nauk SSSR, 1962. 214 p.

LIMAN, M. M. [Practical problems on geometry for eight-year schools, teacher's manual] Prakticheskie zadachi po geometrii dlia vos'miletnei shkoly, posobie dlia uchitelei. Moskva, Uchpedgiz, 1961. 92 p.

LINNIK, IU. V. [Method of least squares and fundamentals of the theory of observation data processing in mathematical statistics] Metod naimen'shikh kvadratov i osnovy matematiko-statisticheskoi teorii obrabotki nabliudenii. Izd. 2., dop. i ispr. Moskva, Fizmatgiz, 1962. 349 p.

LIUBARSKII, K. A. [Essays in astrobiology] Ocherki po astrobiologii. Moskva, Izd-vo Akad. nauk SSSR, 1962. 119 p.

LOSEV, I. P., and O. IA. FEDOTOVA. [Laboratory work in the chemistry of high polymers] Praktikum po khimii vysokopolimernykh soedinenii. 2., izd., dop. i perer. Moskva, Goskhimizdat, 1962. 227 p.

MARKOV, M. V. [General geobotany] Obshchaia geobotanika. Moskva, Gos. izd-vo "Vysshaia shkola," 1962. 449 p.

MEN'SHIKOV, N. S. [Geometrical drawing, textbook for the fulfillment of the 1st task in mechanical drawing] Geometricheskoe cherchenie, uchebnoe posobie dlia vypolneniia 1-go zadaniia po mashinostroitel'nomu cherchen'iu. Izd. 2., perer. i dop. Leningrad, Leningr. politekhn. in-t im. M. I. Kalinina, 1962. 104 p.

[METHODS OF CHEMICAL AND MICROBIOLOGICAL ANALYSIS OF WATER] Metody khimicheskogo i mikrobiologicheskogo analiza vody. [By] P. S. Savchenko o dr. Kiev, Gosmedizdat USSR, 1961. 197 p.

MIKHLIN, S. G. [Multidimensional singular integrals and integral equations] Mnogomernye singuliarnye integraly i integral'nye uravneniia. Moskva, Fizmatgiz, 1962. 254 p.

MISHINA, A. P., and I. V. PROSKURIAKOV. [Higher algebra; linear algebra, polynomials, universal algebra] Vysshaia algebra; lineinaia algebra, mnogochleny, obshchaia algebra. Pod red. P. K. Rashevskogo. Moskva, Fizmatgiz, 1962. 299 p. (Spravochnaia matematicheskaia biblioteka)

MKHITAROV, G. M. [New graphicoanalytic method for calculating Mohr's integral; methodological textbook for teachers of technical schools] Novyi grafoanaliticheskii sposob vychisleniia integrala Mora, metodicheskoe posobie dlia prepodavatelei tekhnikumov. Moskva, Sovet narodnogo khoziaistva Moskovskogo (gorodskogo) ekon. administrativnogo raiona, 1962. 20 p.

NAROVLIANSKII, G. IA., and S. V. SOLONIN. [Equivalent wind and methods of calculating it] Ekvivalentnyi veter i metody ego rascheta. Leningrad, Gidrometeoizdat, 1962. 98 p.

NAUCHNAIA KONFERENTSIIA INSTITUTOV KHIMII AKADEMII NAUK AZERBAIDZHANSKOI, ARMIANSKOI I GRUZINSKOI SSR, Erevan, 1957. [Papers presented at the Scientific Conference of Chemical Institutes of the Academies of Sciences of the Azerbaijan, Armenian, and Georgian S. S. R.] Materialy. Erevan, Izd-vo Akad. nauk Armianskoi SSR, 1962. 390 p.

NESMEIANOV, A. N. [Radioactive isotopes in nature] Radioaktivnye izotopy v prirode. Moskva, Izd-vo "Znanie," 1962. 36 p. (Novoe v zhizni, nauke, tekhnike. IX Serila: Fizika i khimila, no. 16)

NIKITINA, E. V. [Flora and vegetation of the pastures and meadows of the Kirghiz Ala-Tau] Flora i rastitel'nost' pastbishch i senokosov khrebta Kirgizskii Ala-Too. Frunze, Izd-vo Akad. nauk Kirgizskoi SSR, 1962. 282 p.

NITSKANSKII, S. G. [Use of cybernetics in natural sciences] Primenenie kibernetiki v estestvoznanii. Kishinev, Izd-vo sel'khoz. lit-ry, 1962. 40 p.

OGIBALOV, P. M., and I. A. KIKO. [Behavior of matter under pressure] Povedenie veshchestva pod davleniem. [Moskva] Izd-vo Mosk. univ., 1962. 153 p.

ORLOVA, V. V. [Western Siberia] Zapadnaia Sibir'. Leningrad, Gidrometeoizdat, 1962. 359 p. (Klimat SSSR, no. 4)

PEKHOV, A. P. [Electron microscopic investigation of bacteria and phages; submicroscopic anatomy] Elektronnomikroskopicheskoe issledovanie bakterii fagov; submikroskopicheskaia anatomiia. Moskva, Medgiz, 1962. 223 p.

PISARZHEVSKII, O. N. [Ancient and modern science] Nauka drevniaia i molodaia. [Moskva] Izd-vo "Molodaia gvardiia," 1962. 205 p.

POL'SKII, N. I. [On the various geometries] O razlichnykh geometriiakh. Izd. 2., dop. i perer. Kiev, Izd-vo Akad. nauk USSR, 1962. 99 p. (Nauchno-populiarnaia literatura)

PUTILOV, K. A. [Physics course] Kurs fiziki. Izd. 5. Moskva, Fizmatgiz.
Vol. 2. [Theory of electricity] Uchenie ob elektrichestve. 1962. 583 p.

RIVKIND, IA. I. [Three hundred problems in mathematical analysis] 300 zadach po matematicheskomu analizu. Minsk, Izd-vo M-va vysshego, srednego spetsial'nogo i professional'nogo obrazovaniia BSSR, 1962. 64 p.

ROMANOV, V. V. [Evaporation from swamps in the European part of the U. S. S. R.] Isparenie s bolot Evropeiskoi territorii SSSR. Leningrad, Gidrometeoizdat, 1962. 227 p.

RUSSIA (1923- U. S. S. R.) Glavnoe upravlenie geodezii i kartografii. [Tables of Gauss-Kruger coordinates for latitudes 32°-80° at 5' intervals and for longitudes 0°-6° at 71/2' intervals and tables of side and area dimensions of trapezoids in topographic surveys; Krasovskii's ellipsoid] Tablitsy koordinat Gaussa-Kriugera dlia shirot ot 32° do 80° cherez 5' i dlia dolgot ot 0° do 6° cherez 71/2' i tablitsy razmerov ramok i ploshchadei trapetsii topograficheskikh s"emok ellipsoid Krasovskogo. 2. izd., ispr. i dop. Moskva, Izd-vo geodez. lit-ry, 1961. 512 p.

RUSSIA (1923- U. S. S. R.) Glavnoe upravlenie geodezii i kartografii. [Tables of Gauss-Kruger coordinates for latitudes 32°-80° at 5' intervals and for longitudes 0°-6° at 71/2' intervals and tables of side and area dimensions of trapezoids in topographic surveys; Krasovskii's ellipsoid] Tablitsy koordinat Gaussa-Kriugera dlia shirot ot 32° do 80° cherez 5' i dlia dolgot ot 0° do 6° cherez 71/2' i tablitsy razmerov ramok i ploshchadei trapetsii topograficheskikh s"emok ellipsoid Krasovskogo. 2. izd., ispr. i dop. Moskva, Izd-vo geodez. lit-ry, 1961. 512 p.

RUSSIA (1923- U. S. S. R.) Gosudarstvennyi komitet [illegible] pri Sovete [illegible] SSSR. Tablitsy [illegible] [illegible] [illegible]

SMIRNOV, V. I. [Course in higher mathematics] Kurs vysshei matematiki. Izd. 18, stereotipnoe. Moskva, Gos. izd-vo fiziko-matem. lit-ry.
Vol. 2. 1962. 628 p.

SOVESHCHANIE PO LIUMINESTSENTSII 7th, Moscow, 1958. [Materials of the 7th Conference on Luminescence (crystallophosphorescence), held at Moscow, June 26 to July 3, 1958] Materialy VII Soveshchaniia po liuminestsentsii (kristallofosfory), Moskva, 26 iiunia - 3 iiulia 1958 g. Tartu, Akad. nauk Estonskoi SSR, 1959 390 p. illus., diagrs., tables (part fold.) (RPB)

SOVESHCHANIE POSVIASHCHENNOE PROBLEME ZHIDKOGO SOSTOIANIIA VESHCHESTVA. 4th, Kiev, 1959. [Structure and physical properties of matter in the liquid state, materials] Stroenie i fizicheskie svoistva veshchestva v zhidkom sostoianii, materialy. [Kiev] Izd-vo Kievskogo univ., 1962. 146 p.

SOVETSKAIA ANTARKTICHESKAIA EKSPEDITSIIA, 1955- [Transactions of the Soviet Antarctic Expedition] Trudy. Leningrad, Izd-vo "Morskoi transport."
Vol. 16. [Third Continental Expedition, 1957-1959; general description and scientific results] Tret'ia kontinental'naia ekspeditsiia, 1957-1959 gg; obshchee opisanie i nauchnye rezul'taty. Pod red. M. E. Ostrekina i E. I. Tolstikova. 1962. 327 p.

STOILOW, SIMION. [Theory of functions of complex variables] Teoriia funktsii kompleksnogo peremennogo. Moskva, Izd-vo inostr. lit-ry.
Vol. 1. [Fundamental concepts and principles. Translated from the Rumanian] Osnovnye poniatiia i printsipy. 1962. 364 p.

TOPACHEVSKII, A. V. [Problems of cytology, morphology, biology, and phylogeny of algae] Voprosy tsitologii, morfologii, biologii i filogenii vodoroslei. Kiev, Izd-vo AN USSR, 1962. 234 p.

TOPARSKAIA, V. N. [Physiology and pathology of carbohydrate, lipid and protein metabolism] Fiziologiia i patologiia uglevodnogo, lipidnogo i belkovogo obmena. Moskva, Medgiz, 1962. 187 p.

TOPCHIEV, A. V., S. V. ZAVGORODNII, and V. G. KRIUCHKOVA. [Alkylation of organic compounds by olefins] Reaktsiia alkilirovaniia organicheskikh soedinenii olefinami. Moskva, Izd-vo Akad. nauk SSSR, 1962. 323 p.

TUTAEV, L. K. [Lines and surfaces in affine three-dimensional space] Linii i poverkhnosti v affinnom trekhmernom prostranstve. Minsk, Izd-vo M-va vysshego, srednego spetsial'nogo i professional'nogo obrazovaniia BSSR, 1962. 118 p.

UKHTOMSKII, A. A. [Collected works] Sobranie sochinenii. Leningrad, Izd-vo Leningr. univ.
Vol. 6. [Public scientific speeches, scientific and review articles, and materials on the history of Soviet and world physiology] Obshchestvenno-nauchnye vystupleniia, nauchnye i obzornye stat'i i materialy k istorii otechestvennoi i mirovoi fiziologii. 1962. 210 p.

VIKTOROV, S. V., E. A. VOSTOKOVA, and D. D. VYSHIVKIN. [Introduction to indicator geobotany] Vvedenie v indikatsionnuiu geobotaniku. [Moskva] Izd-vo Mosk. univ., 1962. 226 p.

VITKEVICH, V. I. [Practical work in agricultural meteorology] Prakticheskie zaniatiia po sel'skokhoziaistvennoi meteorologii. 2., perer. i dop. izd. Moskva, Sel'khozizdat, 1962. 318 p.

VLASOV, L. G., and D. N. TRIFONOV. [Reborn elements] Rozhdennye zanovo. Moskva, Izd-vo "Znanie," 1962. 46 p. (Novoe v zhizni, nauke, tekhniko. IX Seriia: Fizika i khimiia, no. 10)

VODOLAZSKII, L. A. [The body speaks; how and why the biocurrents of the body are studied] Organizm rasskazyvaet; kak i dlia chego izuchaiut biotoki organizma. Moskva, Izd-vo "Znanie," 1962. 31 p. (Novoe v zhizni, nauke, tekhniko. VIII Seriia: Biologiia i meditsina, no. 12)

VOITKEVICH, A. A. [The feather of a bird; morphology, development, molt and neurohormonal regulation] Pero ptitsy; morfologiia, razvitie, lin'ka i neiro-gormonal'naia reguliatsiia. Moskva, Izd-vo Akad. nauk SSSR, 1962. 285 p.

VOLODARSKII R. F., and others. [Use of electronic calculating machines to interpret gravity and magnetic fields] Primenenie elektronno-schetnykh mashin dlia interpretatsii gravitatsionnykh i magnitnykh polei. Pod red. V. V. Fedynskogo. Moskva, Gostoptekhizdat, 1962. 74 p.

VOROB'EVA, E. V. [Interrelationship of atmospheric processes in the northern hemisphere] Sopriazhennost' atmosfernykh protsessov v severnom polushariI. Leningrad, Gidrometeoizdat, 1962. 115 p.

VSESOIUZNOE BOTANICHESKOE OBSHCHESTVO. [Directory of members of the All-Union Botanical Society, as of May 1, 1957] Adresnaia kniga chlenov ... po sostoianiiu na 1 maia 1957 goda. Leningrad, Izd-vo Akad. nauk SSSR, 1958 146 p.
(DNAL)

VSESOIUZNYI S"EZD PO TEORETICHESKOI I PRIKLADNOI MEKHANIKE, 1st, Moscow, 1960. [Proceedings of the All-Union Congress on Theoretical and Applied Mechanics, January 27-February 3, 1960] Trudy, obzornye doklady. Moskva, Izd-vo Akad. nauk SSSR, 1962. 467 p.

VSESOIUZNYI ZAOCHNYI INZHENERNO-STROITEL'NYI INSTITUT. Kafedra vysshei matematiki. [Practical work on multiple and line integrals] Prakticheskie zaniatiia po kratnym i krivolinejnym integralam. Moskva, 1962. 26 p.

14. MEDICINE

AKADEMIIA MEDITSINSKIKH NAUK SSSR. Moscow. [Aurantin, an antineoplastic antibiotic preparation from the actinomycin group; experimental study and the results of a clinical test] Aurantin-protivoopukholevyi antibioticheskii preparat iz gruppy aktinomitsinov; eksperimental'noe izuchenie i rezul'taty klinicheskogo ispytaniia. Moskva, Medgiz, 1962. 279 p.
(DNLM)

AKADEMIIA MEDITSINSKIKH NAUK SSSR, Moscow. [Problems of gerontology and geriatrics] Voprosy gerontologii i geriatrii. Leningrad, Medgiz, 1962. 279 p.
(DNLM)

AKADEMIIA NAUK SSSR. Sibirskoe otdelenie. [Some problems in the pathology of the lungs in the light of recent data on their normal structure, development and regeneration] Nekotorye voprosy patologii legkikh v svete noveishikh dannykh ob ikh normal'nom stroenii, razvitii, regeneratsii. Novosibirsk, 1962. 489 p.
(DNLM)

ALIPOV, V. I. [Abortion, its harm and contraceptive agents] Abort, ego vred i protivozachatochnye sredstva. [Leningrad] Medgiz, 1962. 30 p. (Nauchno-populiarnaia meditsinskaia literatura)
(DNLM)

ASKERKHANOV, R. P., ed. [Essays on the history of surgery in Daghestan] Ocherki po istorii khirurgii v Dagestane. Makhachkala, Dagestanskoe knizhnoe izd-vo, 1960. 215 p.

AVERBAKH, F. A. [Industrial medical expertise in eye diseases] Vrachebno-trudovaia ekspertiza pri glaznykh zabolevaniiakh. 2. izd. Moskva, Medgiz, 1962. 85 p. (Biblioteka prakticheskogo vracha)
(DNLM)

BALMUKHANOV, S. B. [Vascular reactions in radiotherapy] Sosudistye reaktsii pri luchevoi terapii. Alma-Ata, Izd-vo Akad. nauk Kazakhskoi SSR, 1962. 227 p.
(DNLM)

BERIUSHEV, K. G. [Preventive sanitary control of the planning, building and improvement of populated areas in the U. S. S. R.] Predupreditel'nyi sanitarnyi nadzor za planirovkoi, zastroikoi i blagoustroistvom naselennykh mest SSSR. Izd 2., poror. i dop. Moskva, Medgiz, 1962. 166 p.
(DNLM)

BLAGOVESHCHENSKII, L. A. [Vaccinations are a powerful method for protecting children from infectious diseases] Privivki moguchee sredstvo predokhraneniia detei ot infektsionnykh boleznei. Leningrad, Medgiz, 1962. 27 p.
(DNLM)

BOGOROV, I. I. [Feminine hygiene] Gigiena zhenshchiny. Izd. 4., ispr. i dop. Leningrad, Ob-vo po raspr. polit. i nauchn. znanii RSFSR, 1962. 66 p.
(DNLM)

[CONTRIBUTION OF RADIOLOGY TO THE DEVELOPMENT OF THE MEDICAL AND BIOLOGICAL DISCIPLINES] Vklad radiologii v razvitie mediko-biologicheskikh distsiplin. [By] R. V. Petrov i dr. Minsk, Izd-vo M-va vysshego, srednego spetsial'nogo i professional'nogo obrazovaniia BSSR, 1962 145 p.
(DNLM)

DEMIDOVA, A. M. [Guard your health, on the 40th anniversary of the Pioneers] Beregi zdorov'e, k 40-letiiu pionerskoi organizatsii imeni V. I. Lenina. Izd. 2., perer. Moskva, Medgiz, 1962. 30 p. (Bibliotechka shkol'nika)
(DNLM)

DERKACH, V. N. [Mechanism of the action of antibiotics] O mekhanizme deistviia antibiotikov. Kishinev, Kartia moldovenieske, 1962. 116 p.
(DNLM)

DEL'MAN, Z. I. [Rheumatism in children; its clinical aspects, diagnosis and treatment] Revmatizm u detei klinika, diagnostika i lechenie. Moskva, Medgiz, 1962. 214 p.
(DNLM)

EROFEEV, P. P. [Tuberculosis of the brain, spinal cord and meninges; a morphological study] Tuberkulez golovnogo, spinnogo mozga i obolochek; morfologicheskoe issledovanie. Moskva, Medgiz, 1962. 222 p.
(DNLM)

FILATOV, V. P. [Selected works in four volumes] Izbrannye trudy v chetyrekh tomakh. Kiev, Izd-vo Akad. nauk USSR.
Vol. 4. 1961. 431 p.
(DNLM)

GAL'PERIN, M. D. [Angiography in the diagnosis of tumors and vascular diseases of the brain] Angiografiia v diagnostike opukholei i sosudistykh zabolevanii golovnogo mozga. Leningrad, Medgiz, 1962. 100 p.
(DNLM)

GOL'DBERG, A. I. [Agastric vitamin B_{12}-deficiency anemia, late sequelae of total gastrectomy] Agastricheskie B_{12}-defitsitnye anemii, otdalennye posledstviia total'noi gastrektomii. Tomsk, Izd-vo Tomskogo univ. 1962. 133 p.
(DNLM)

GOL'DFEL'D, A. IA., and N. M. SHCHELOVANOV, eds. [Handbook for physicians in day nurseries and kindergartens] Rukovodstvo dlia vrachei doshkol'nykh uchrezhdenii. Izd. 2., dop. Moskva, Medgiz, 1962. 416 p.
(DNLM)

GOLOSOVA, N. A. [Materials on the history of general pharmacy, a textbook for correspondence students] Materialy po istorii vseobshchei farmatsii; uchebnoe posobie dlia studentov-zaochnikov. Pod red. T. I. Tol'tsman. Moskva, 1- i Mosk. med. in-t im. I. M. Sechenova, 1962. 30 p.

GOVOROV, V. S. [Treatment at the Sochi-Matsesta Health Resort] Lechenie na kurorte Sochi-Matsesta. [Krasnodar] Krasnodarskoe knizhnoe izd-vo, 1962. 135 p.
(DNLM)

KAKHANA, M. S. [Pathophysiology of the hypothalamus; hypothalamus-endocrine syndromes] Patofiziologiia gipotalamusa; gipotalamo-endokrinnye sindromy. Kishinev, Kartia moldovenieske, 1961. 258 p.
(DNLM)

KALONTAROV, D. E. [Health and the teeth] Zdorov'e i zuby. Moskva, Medgiz, 1962. 31 p.
(DNLM)

KANAVETS, L. N. [Neuroses and their sanatorium-health resort treatment] Nevrozy i ikh sanatorno-kurortnoe lechenie. Moskva, Medgiz, 1962. 213 p.
(DNLM)

KAVETSKYI, R. E. [Tumor and the body] Opukhol' i organizm. Kiev, Gosmedizdat USSR, 1962. 298 p. [With summary in English]
(DNLM)

KOLOMYICHENKO, M. I. [Live on, man; stories about surgery and surgeons] Zhyvy, liudyno; rozpovidi pro khirurgiiu ta khirurgiv. Kyiv, Vyd-vo "Molod'," 1962. 167 p.
(DNLM)

KRASOVSKII, E. B. [Schizophrenia; its pathological anatomy] Shizofreniia; patologicheskaia anatomiia. Moskva, Medgiz, 1962. 303 p.
(DNLM)

KRAVCHENKO, L. F. [Urov disease, its prevention and treatment] Urovskaia bolezn', ee preduprezhdenie i lechenie. Chita, Chitinskoe knizhnoe izd-vo, 1961. 74 p.
(DNLM)

KUZANOV, E. I. [Closed lesions of the liver and spleen] Zakrytye povrezhdenila pecheni i selezenki. Tbilisi, Gos. izd-vo "Sabchota Sakartvelo," 1962. 174 p. (Biblioteka vracha)
(DNLM)

LAGUNOVA, I. G. [Tumors of the skeleton] Opukholi skeleta. Moskva, Medgiz, 1962. 365 p.
(DNLM)

LARIONOV, L. F. [Chemotherapy of malignant tumors] Khimioterapiia zlokachestvennykh opukholei. Moskva, Medgiz, 1962. 463 p.
(DNLM)

LIVANOV, M. N. [Some problems of the action of ionizing radiation on the nervous system] Nekotorye problemy deistvila ionizirulushchei radiatsii na nervnuiu sistemu. Moskva, Medgiz, 1962. 103 p.
(DNLM)

LOPOTKO, I. A. Angina. Leningrad, Medgiz, 1962. 16 p.
(DNLM)

LOTOVA, E. I. [The Russian intelligentsia and public hygiene problems; the first hygiene society in Russia] Russkaia intelligentsiia i voprosy obshchestvennoi gigieny; pervoe gigienicheskoe obshchestvo v Rossii. Moskva, Medgiz, 1962. 196 p.

LUK'IANOV, V. S., and others. [Living and health] Byt i zdorov'e. [Moskva] Profizdat, 1962. 149 p.
(DNLM)

MAIZEL', A. B. [Choice of the anesthesia] Vybor obezbolivaniia. [Rostov-na-Donu] Izd-vo Rostovskogo univ., 1962. 183 p.
(DNLM)

MAZURENKO, N. P. [Role of viruses in the etiology of leukemia] Rol' virusov v etiologii leikozov. Kiev, Gosmedizdat USSR, 1962. 210 p.
(DNLM)

MOLCHANOV, N. S. [What myocardial infarct is] Chto takoe infarkt miokarda. Leningrad, Medgiz, 1962. 30 p. (Nauchno-populiarnaia meditsinskaia literatura)
(DNLM)

MOSCOW. GOSUDARSTVENNAIA NAUCHNAIA MEDITSINSKAIA BIBLIOTEKA. [Medical literature of the U. S. S. R.; an index of books and articles for the second half of 1959] Nauchnaia meditsinskaia literatura SSSR; ukazatel' knig i statei za vtoroe polugodie 1959 g. Sost. Bibliograficheskim otdelom GTsNMB. Pod red. N. S. Korsakovoi. Moskva, Medgiz, 1962. 650 p.

MOSCOW. PERVYI MEDITSINSKII INSTITUT. Kafedra tekhnologii lekarstvennykh form. [Incompatible and irrational prescriptions; a textbook on the technology of medicinal forms for correspondence students] Nesovmestimye i neratsional'nye propisi; uchebnoe posobie po tekhnologii lekarstvennykh form dlia studentov-zaochnikov. Moskva, 1962. 44 p.
(DNLM)

MOSCOW. PERVYI MEDITSINSKII INSTITUT. [Rheumatism - the present-day status of the problem; a textbook for students, postgraduates and interns] Revmatizm — sovremennoe sostoianie voprosa; posobie dlia studentov, aspirantov i ordinatorov. Moskva, 1962. 27 p.
(DNLM)

MOSCOW. PERVYI MEDITSINSKII INSTITUT. Rikhard Mikhailovich Fronshtein. Pod red. B. D. Petrova. Red. kollegiia: G. I. Gol'din i dr. Moskva, Gos. izd-vo med. lit-ry, 1962. 65 p.

MOSCOW. PERVYI MEDITSINSKII INSTITUT. Zaochnoe otdelenie farmatsevticheskogo fakul'teta. [Ointments, a textbook for correspondence students on the technology of preparing medicinal forms.] Mazi; uchebnoe posobie po tekhnologii lekarstvennykh form dlia studentov-zaochnikov. 2. izd. Moskva, 1962. 53 p.
(DNLM)

MOSCOW. POLIKLINIKA No. 1. [Contemporary methods of treatment and diagnosis in the polyclinic] Sovremennye metody lecheniia i diagnostiki v poliklinike. Moskva, Mosk. rabochii, 1962. 237 p.
(DNLM)

[MULTIVOLUME MANUAL ON PEDIATRICS] Mnogotomnoe rukovodstvo po pediatrii. Moskva, Medgiz.
Vol. 3. 1962. 586 p.
(DNLM)

NEMYRIA, A. N. [Organization of oncological service for patients with stomach cancer] Organizatsiia onkologicheskoi pomoshchi bol'nym rakom zheludka. Moskva, Medgiz, 1962. 107 p.
(DNLM)

[THE NEUROPATHOLOGIST'S HANDBOOK] Spravochnik nevropatologa. Pod obshchei red. N. I. Grashchenkova. Moskva, Medgiz, 1962. 374 p.
(DNLM)

OMSK. MEDITSINSKII INSTITUT. Kafedra fakul'tetskoi khirurgii. [Materials from the scientific session of the Department of Faculty Surgery, devoted to the surgical treatment of diseases of the blood vessels and the organs of the gastrointestinal tract] Materialy nauchnoi sessii kafedry fakul'tetskoi khirurgii, posviashchennoi khirurgicheskomu lecheniiu zabolevanii krovenosnykh sosudov i organov zheludochno-kishechnogo trakta. Omsk, 1962. 56 p.
(DNLM)

OPPENGEIM, D. G., comp. [Treatment and rest at health resorts in the Soviet Union] Lechenie i otdykh na kurortakh Sovetskogo Soiuza. Moskva, Medgiz, 1962. 261 p.
(DNLM)

OSTRYI, O. IA. [The infectious process]. Infektsionnyi protsess. Moskva, Medgiz, 1962. 353 p.
(DNLM)

PERSIANINOV, L. S., ed. [Use of aminazine in obstetrical and gynecologic practice] Primenenie aminazina v akushersko-ginekologicheskoi praktike. Minsk, Gos. izd-vo BSSR. Red. nauchno-tekhn. lit-ry, 1962. 179 p.
(DNLM)

POMEL'TSOV, K. V. [Fluorography of chest cavity, method of mass X-ray detection of pulmonary tuberculosis] Fliurografiia grudnoi kletki; metod massovogo rentgenovskogo vyiavleniia legochnogo tuberkuleza. Moskva, Medgiz, 1945. 127 p.
(WaU)

POSTOLOV, M. P., M. A. ASHRAPOVA, and G. K. KARITSKAIA. [X-ray study in portal hypertension] Rentgenologicheskoe issledovanie pri portal'noi gipertonii. Tashkent, Medgiz UzSSR, 1962. 57 p.
(DNLM)

[PROBLEMS IN SPACE MEDICINE, a collection of articles by foreign authors] Voprosy kosmicheskoi meditsiny, sbornik statei zarubezhnykh avtorov. Moskva, Medgiz, 1962. 323 p.

RAISKINA, M. E. [Biochemistry of the nervous regulation of the heart] Biokhimiia nervnoi reguliatsii serdtsa. Moskva, Medgiz, 1962. 310 p.
(DNLM)

RED CROSS. Soiuz obshchestv Krasnogo kresta i Krasnogo polumesiatsa SSR. Ispolnitel'nyi komitet. [Textbook for the training of sanitary nurses] Uchebnik dlia podgotovki sanitarnykh druzhinnits. Izd. 5., stereotipnoe. Moskva, Medgiz, 1962. 273 p.
(DNLM)

SAID-AKHMEDOV, A. A. [Tuberculosis in children] Tuberkulez u detei. Tashkent, Medgiz UzSSR, 1962. 18 p. (Nauchno-populiarnaia literatura)
(DNLM)

SAVOSHCHENKO, I. S. [Essentuki Health Resort] Kurort Essentuki. [Stavropol'] Stavropol'skoe knizhnoe izd-vo, 1962. 168 p.
(DNLM)

SERGEEV, A. A. [Essays on the history of aviation medicine] Ocherki po istorii aviatsionnoi meditsiny. Otvet. red. A. P. Popov. Moskva, Izd-vo Akad. nauk SSSR, 1962. 297 p.

SHARAPOV, B. I. [Changes in the brain and spinal cord in closed cranial trauma] Izmeneniia v golovnom i spinnom mozge pri zakrytoi travme cherepa. Kishinev, Kartia moldoveniaske, 1962. 111 p.
(DNLM)

SHCHERBA, M. L. [Diseases of the kidneys] Bolezni pochek. Leningrad, Medgiz, 1962. 27 p. (Nauchno-populiarnaia meditsinskaia literatura)
(DNLM)

SMIRNOV-KAMENSKII, E. A. [Kislovodsk Health Resort] Kurort Kislovodsk. [Stavropol'] Stavropol'skoe knizhnoe izd-vo, 1962. 206 p.
(DNLM)

STEPANOVA, G. G. [Arteriographic data on obliterating diseases of the arteries of the lower extremities] Dannye arteriografii pri obliteriruiushchikh zabolevaniiakh arterii nizhnikh konechnostei. Uzhgorod, Zakarpatskoe obl. knizhno-gazetnoe izd-vo, 1962. 133 p.
(DNLM)

TAL'MAN, I. M. [Prevention and treatment of varicose veins] Preduprezhdenie i lechenie varikoznogo rasshireniia ven. [Leningrad] Medgiz, 1962. 27 p. (Nauchno-populiarnaia meditsinskaia literatura)
(DNLM)

TITAREV, V. I. [Treatment of children with a congenital deformity of the lip and palate, speech training at home following an operation on the palate] Lechenie detei s vrozhdennym urodstvom guby i nëba, obuchenie rechi v domashnei obstanovke posle operatsii na nëbe. Kishinev, Kartia moldoveniaske, 1962. 26 p.
(DNLM)

TIUKINA, A. P. [Prevention of injuries in lumbering camps] Profilaktika travmatizma na lesozagotovkakh. Moskva, Medgiz, 1962. 52 p. (Nauchno-populiarnaia meditsinskaia literatura)
(DNLM)

TUROVA, A. D., ed. [Medicinal substances from plants] Lekarstvennye sredstva iz rastenii. Moskva, Medgiz, 1962. 315 p.
(DNLM)

UGLOV, F. G. [Pulmonary cancer] Rak legkogo. Izd. 2., dop. Leningrad, Medgiz, 1962. 539 p.
(DNLM)

VAISBEIN, S. G. [Emergency states in the clinical treatment of internal diseases] Neotlozhnye sostoianiia v klinike vnutrennikh boleznei, diagnostika i terapiia. Izd. 3., perer. i dop. Moskva, Medgiz, 1962. 376 p.
(DNLM)

VOJACKOVA, HELENA. [Movement is a guarantee of the health and beauty of a woman] Dvizhenie - zalog zdorov'ia i krasoty zhenshchiny. Moskva, Izd-vo "Fizkul'tura i sport," 1962. 111 p. illus.
(DNLM)

ZAGARSKIKH, M. G. [Treatment of acute burns and stenosis of the esophagus; an experimental clinical study] Lechenie ostrykh ozhogov i stenozov pishchevoda; eksperimental'no-klinicheskoe issledovanie. Kishinev, Gos. izd-vo "Kartia moldoveniaske," 1961. 207 p.
(DNLM)

ZEDGENIDZE, G. A., and R. S. SHILOVA-MEKHANIK. [X-ray diagnosis of diseases of the teeth and jaws; a textbook for doctors and students] Rentgenodiagnostika zabolevanii zubov i cheliustei, posobie dlia vrachei i studentov. Moskva, Medgiz, 1962. 283 p.
(DNLM)

ZHORDANIA, I. F. [Textbook of gynecology] Uchebnik ginekologii. Moskva, Medgiz, 1962. 411 p.
(DNLM)

ZVEREV, E. I. [Dysentery, food toxinfections and intestinal invasions] Dizenteriia, pishchevye toksikoinfektsii i kishechnye invazii. . Pod red. i s predisl. K. V. Bunina. Moskva, Medgiz, 1962. 262 p.
(DNLM)

15. AGRICULTURE

AKADEMIIA NAUK SSSR. Pochvennyi institut im. V. V. Dokuchaeva. [Agrochemical mapping of soils] Agrokhimicheskoe kartografirovanie pochv. Moskva, Izd-vo Akad. nauk SSSR, 1962. 153 p.
(DNAL)

AKADEMIIA NAUK SSSR. Pochvennyi institut imeni V. V. Dokuchaeva. [Land improvement in the Kura-Aras Lowland] Meliorativnia pochv Kura-Araksinskoi nizmennosti. Moskva, Izd-vo Akad. nauk SSSR, 1962. 243 p.
(DNAL)

[illegible]
khoziaistvo; sbornik pod red. N. M. Verzilina. Moskva, Izd-vo APN RSFSR, 1962. 196 p. (Pedagogicheskie chteniia)

AZIMOV, G.I [Physiology of agricultural animals] Fiziologiia sil's'kohospodars'kykh tvaryn. Vyd. 2., vypr. i dop. Kyiv, Derzh.vyd-vo sil's'kohospodarskoi lit-ry URSR, 1961. 547 p.
(DNAL)

BEKSEEV, SH.G. [Neva tomatoes] Nevskie tomaty. [Leningrad] Lenizdat, 1962. 60 p. (Vse novoe, peredovoe - na polia i fermy)
(DNAL)

BOGOMOLOV, D.V. [Soils of Bashkiria] Pochvy Bashkirskoi ASSR Moskva, Izd-vo Akad. nauk SSSR, 1954. 294 p. illus.
(ICMILC)

CHERNYSHOV, A.N. [Skillful people on our state farm] Umel'tsy nashego sovkhoza. [Moskva] Mosk. rabochii, 1961. 34 p.
(DNAL)

DANILENKO, I.A., and K.A. PEREVOZINA. [Silage and its use] Silos i ego ispol'zovanie. Kiev, Gossel'khozizdat USSR, 1962. 214 p.
(DNAL)

DUSHANBE, UNIVERSITET. [Papers of the Department of Plant Physiology] Trudy kafedry fiziologii rastenii Stalinabad, Gos. kom-t vysshego, srednego spetsial'nogo i professional'no-tekhn. obrazovaniia Soveta ministrov Tadzhikskoi SSR, 1961. 94 p.
(DNAL)

DZHURAEV, ABDUKARIM. [The party at the head of the masses; practices of the party organization in Uzbekistan in the drive to increase cotton growing during the years of the first postwar five-year plan] Partiia vo glave mass, iz opyta raboty partiinoi organizatsii Uzbekistana v bor'be za pod'em khlopkovodstva v gody pervoi poslevoennoi piatiletki Tashkent, Goslzdat Uzbekskoi SSR, 1961 112 p.
(MH)

ETIMOV, A.L., and others. [Control of pests and diseases of spring wheat and millet in virgin and idle lands] Bor'ba s vreditelliami i boleznami iarovoi pshenitsy i prosa na tselinnykh i zalezhnykh zemliakh. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1954. 45 p.
(WaU)

ELAGIN, I.N. [Buckwheat] Grechikha. [Moskva] Mosk. rabochii, 1962. 57 p.
(DNAL)

GOGOLISHVILI M.A. [Theory and practice of mulching in some viticultural regions] [Teoriia i praktika mul'chirovaniia nekotorykh raionov vinogradarstva. Tbilisi, Izd-vo AN Gruzinskoi SSR] 1961. 293 p. [In Georgian]
(DNAL)

GORIUNOVA, L.N. [Preparation and transplanting of full-grown trees in Murmansk Province; a practical handbook] Podgotovka i peresadka vzroslykh derev'ev v Murmanskoi oblasti; prakticheskoe rukovodstvo. Kirovsk, [Izd-vo "Kirovskii rabochii,"] 1955. 24 p. illus.
(ICMILC)

GORLENKO, M.V. [Concise course in the immunity of plants to communicable diseases] Kratkii kurs immuniteta rastenii k infektsionnym boleznjam. Izd. 2., ispr. i dop. Moskva, Gos. izd-vo "Vysshaia shkola," 1962. 302 p.
(DNAL)

[IN THE ORCHARDS AND LABORATORIES OF MICHURINSK] V sadakh i laboratoriiakh Michurinska, [Tambov] Tambovskoe knizhnoe izd-vo, 1961. 158 p.
(DNAL)

IVANOV, S.N. [Physicochemical character of phosphates in peats and turf-Podzolic soils] Fiziko-khimicheskii rezhim fosfatov torfov i dernovo-podzolistykh pochv. Otv. red. I.N. Antipov-Karataev. Minsk, Gos. izd-vo sel'khoz. lit-ry BSSR, 1962. 250 p.
(DNAL)

IZAKSON, KH.I [Self-propelled SK-3 and SK-4 combines] Samokhodnye kombainy SK-3 i SK-4. Izd. 2., perer. i dop. Moskva, Sel'khozizdat, 1962. 342 p.
(DNAL)

KARZINKIN, G.S. [Use of radioactive isotopes in fisheries] Ispol'zovanie radioaktivnykh izotopov v rybnom khoziaistve. Moskva, Pishchepromizdat, 1962. 69 p.

KAZAKOVA, M. [Corn silage has become richer in proteins] Kukuruznyi silos stal bogache belkom. [Moskva] Mosk. rabochii, 1962. 14 p. (Ikh opyt dostupen vsem)
(DNAL)

KHOMIAKOVA, V.O. [Corn borer] Kukuruznyi motylek. Leningrad, Sel'khozizdat, 1962. 32 p. (Vrediteli i bolezni sel'skokhoziaistvennykh rastenii)
(DNAL)

KIEV. UKRAINS'KA AKADEMIIA SIL'S'KOHOSPODARS'KYKH NAUK. Uchbova chastyna. [Problems in livestock feeding; scientific papers of the Department of Livestock Feeding] Pytannia hodivli sil's'kohospodars'kykh tvaryn; naukovi pratsi kafedry hodivli sil's'kohospodars'kykh tvaryn. Kyiv, Vyd-vo Ukr. akad. sil's'kohospodars'kykh nauk, 1961. 102 p.
(DNAL)

KILIMNIK, F.KH. [Mechanization of work in hotbeds] Mekhanizatsiia rabot na parnikakh. [Moskva] Mosk. rabochii, 1962. 23 p. (Ikh opyt dostupen vsem)
(DNAL)

KIVOTOV, S.A. [Practical work in school garden plots and on collective farms; a textbook for grade 7 of the secondary school] Prakticheskie zaniatiia na shkol'nom uchebno-opytnom uchastke i v kolkhoze; posobie dlia uchashchikhsia VII klassov srednei shkoly. Izd. 2. Moskva, Gos. uchebno-pedagog. izd-vo, 1959. 95 p.
(TNJ)

[KNOW HOW TO USE EVERY HECTAR OF LAND] Umelo ispol'zovat' kazhdyi gektar zemli. Moskva, Izd-vo MSKh RSFSR, 1962. 42 p.
(DNAL)

KOCHETKOVA, V.A., S.S. LOBANOV, and A.N. TATARINOV. [Backyard orchard] Sad u doma. Simferopol', Krymizdat, 1962. 148 p.
(DNAL)

KOHAN, E.R., and A.D. FLIAHIN. [Increase of labor productivity and wages in corn growing] Pidvyshchennia produktyvnosti ta oplata pratsi na vyroshchuvanni kukurudzy. [Dnipropetrovs'k] Dnipropetrovs'ke knyzhkove vyd-vo, 1961. 21 p. (Bibliotechka kukurudzovoda)
(DNAL)

KORBUT, L., and Z. SMIRNOVA. [For high yields and low costs; the "Politotdel" Collective Farm in Verkhne-Chirchik District, Tashkent Province] Za vysokie urozhai i nizkuiu sebestoimost', kolkhoz "Politotdel" Verkhne-Chirchikskogo raiona Tashkentskoi oblasti. Tashkent, Goslzdat UzSSR, 1960. 33 p. (Vystavka dostizhenii narodnogo khoziaistva SSSR)
(DNAL)

KURBATSKII, N.P. [Techniques and tactics of fighting forest fires] Tekhnika i taktika tusheniia lesnykh pozharov. Moskva, Goslesbumizdat, 1962. 153 p.
(DNAL)

LISICHNIKOV, A.G. [Corn came to Transbaikalia] Kukuruza prishla v Zabaikal'e. Moskva, Sel'khozizdat, 1962 40 p.
(DNAL)

MARCHENKO, A.I. [Soils of Karelia] Pochvy Karelii. Moskva, Izd-vo Akad. nauk SSSR, 1962. 306 p.
(DNAL)

MIKHAILOV, I.N., and A.V. MORSHIN. [Proper storage of machinery] Kak pravil'no khranit' mashiny. [Moskva] Mosk. rabochii, 1962. 35 p. (Sovety molodomu mekhanizatoru)
(DNAL)

MIKHAILOVSKAIA, V.A., and N.V. KOZLOVSKAIA. [Poisonous and harmful plants] Iadovitye i vrednye rastenila. Minsk, Izd-vo Akad. nauk BSSR, 1962. 116 p.
(DNAL)

NIKONOVA, N.A. [Radish] Redis. Moskva, Sel'khozgiz, 1961. 71 p.
(DNAL)

OFFENGENDEN, S.R., A.D. PANADIADI, and M.I. IARUSHIN. [Operation of irrigation and drainage systems] Ekspluatatsiia gidromeliorativnykh sistem. 2. izd. Moskva, Sel'khozizdat, 1962. 404 p.
(DNAL)

[PEOPLE, MACHINES, LAND; a story by several people] Parni, mashiny, zemlia, kollektivnyi rasskaz. [Moskva] Molodaia gvardiia, 1962. 46 p.
(DNAL)

PETROCHENKO, V.I., and G.A. KOTEL'NIKOV. [Using ponds and streams for raising waterfowl and the prevention of helminthiases] Ispol'zovanie vodoemov dlia vyrashchivaniia ptitsy i profilaktika gel'mintozov. Moskva, Izd-vo M-va sel'khoz. RSFSR, 1962. 137 p.
(DNAL)

POMAZKOVA, E.N. [Landscaping of northern towns and settlements] Ozelenenie severnykh gorodov i poselkov. Leningrad, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1962. 125 p.
(DNAL)

PRUTENSKII, D.I. [Practices in improving wild fruit trees in the nut and fruit forests of Kirghizistan] Opyt obluborazhivaniia dikorastushchikh plodovykh v orekho-plodovykh lesakh Kirgizii. Frunze, Izd-vo Akad. nauk Kirgizskoi SSR, 1962. 58 p.
(DNAL)

RU[illegible] [Work done in shifts] Sbornik tekhnicheskoi obosnovannykh normativov zamenoi proizvoditel'nosti na sel'skokhoziaistvennye mekhanizirovannye raboty. Moskva, Izd-vo MSKh RSFSR, 1962. 231 p.
(DNAL)

RYBNOYE (RYAZANSKAIA OBLAST') NAUCHNO-ISSLEDOVATEL'SKII INSTITUT PCHELOVODSTVA. [Collection of scientific technological information of the Scientific Research Institute of Bee Culture] Sbornik nauchno-tekhnicheskoi informatsii nauchno-issledovatel'skogo instituta pchelovodstva. Rybnoe, Riazanskoi obl., 1961. 54 p.
(DNAL)

SANNIKOV, S.N. [Natural regeneration of pine and measures for promoting it in pine forests of the Pyshma Valley] Estestvennoe vozobnovlenie sosny i mery sodeistviia emu v Pripyshminskikh borakh. Sverdlovsk, Akad. nauk SSSR, Ural'skii filial, 1961. 76 p.
(DNAL)

SESSIIA NAUCHNOGO SOVETA PO PROBLEME "ISTORICHESKIE PREDPOSYLKI VELIKOI OKTIABR'SKOI SOTSIALISTICHESKOI REVOLIUTSII," Moscow, 1960. [Characteristics of the agrarian system in Russia in the period of imperialism; materials] Osobennosti agrarnogo stroia Rossii v period imperializma; materialy. Moskva, Izd-vo Akad. nauk SSSR, 1962. 351 p.

SHAIN, S.S. [Feeds are the decisive factor] Vse reshaiut korma. Moskva, Izd-vo "Znanie," 1962. 45 p. (Novoe v zhizni, nauke, tekhnike. V Serii: Sel'skoe khoziaistvo, no. 16)

SHEVCHUK, T.N. [Breeding of grain crops and seed production in Canada] Selektsiia i semenovodstvo zernovykh kul'tur v Kanade. Leningrad, Sel'khozizdat, 1961. 86 p.
(DNAL)

SHLIAKOVA, E.V. [Weeds and weed control in Murmansk Province] Sornyia rastenila Murmanskoi oblasti i mery bor'by s nimi. Kirovsk, Kol'skii filial AN SSSR, 1956. 20 p.
(ICMILC)

SHRAG, V.I. [Classification of floodland soils and their brief characteristics from the viewpoint of agricultural land improvement] Klassifikatsiia poimennykh pochv i ikh kratkaia agromeliorativnaia kharakteristika. Moskva, Rosgiprovodkhoz Gosvodkhoza RSFSR, 1961. 105 p.
(DNAL)

SIMIRENKO, L.P. [Fruit culture] Pomologiia. Kiev, Izd-vo Ukr. Akad. sel'khoz. nauk, 1961. Vols. 1-3. 1961.
(CU)

SOKOLOV, P.F. [Practices in growing ducks on the "Skvoritsy" Poultry Farm in Gatchina District, Leningrad Province] Opyt vyrashchivaniia utok na ptitseferme "Skvoritsy" Gatchinskogo raiona Leningradskoi oblasti. Leningrad, Ob-vo po rasprostraneniiu polit. i nauchn. znanii RSFSR, 1962. 41 p.
(DNAL)

STRIZHOV, M.V. [For high corn yields] Za vysokii urozhai kukuruzy. [Leningrad] Lenizdat, 1961. 20 p. (Vypolnaem reshenila ianvarskogo Plenuma TsK KPSS)
(DNAL)

TULAIKOV, N.M [For row crop cultivation and against grassland farming] Za propashnoe kul'turu protiv travopol'ia; izbrannye stat'i. Moskva, Izd-vo MSKh RSFSR, 1962. 159 p.
(DNAL)

TYKHONOVA, M. P., and N. P. VORONINA. [Rabbit raising] Krolivnytstvo. Kyiv, Derzhsil'hospvydav URSR, 1962. 157 p.
(DNAL)

VERZILIN, N. M., and V. A. ROZHDESTVENSKII. [Garden flowers] TSvety iz sada. Leningrad, Detgiz, 1962. 75 p.

VOLOVCHENKO, I. P. [How to raise peas] Kak vozdelyvat' gorokh. [Moskva] Mosk. rabochii, 1962. 22 p.
(DNAL)

VOROB'EV, S. A. [Intensive farming systems and rotation of crops] Intensivnye sistemy zemledeliia i sevooboroty. Moskva, Izd-vo "Znanie," 1962. 44 p. (Narodnyi universitet kul'tury Sel'skokhoziaistvennyi fakul'tet, no. 8)

VSESOIUZNYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT PCHELOVODSTVA. [Use of nectar flow and the transportation of bees] Ispol'zovanie vziatka i perevozka pchel. Rybnoe [1955] 4 p. (V pomoshch' agronomam i zootekhnikam MTS.
(DNAL)

ZAIANCHKOVSKII, I. F. [Practical training on artificial insemination of agricultural animals] Praktikum po iskusstvennomu osemeneniiu sel'skokhoziaistvennykh zhivotnykh. Moskva, Izd-vo sel'khoz. lit-ry, zhurnalov i plakatov, 1961. 255 p. (Uchebniki i uchebnye posobiia dlia vysshikh sel'skokhoziaistvennykh uchebnykh zavedenii)
(DNAL)

ZHILKIN, N. S. [A national cause] Vsenarodnoe delo. . [Leningrad] Lenizdat, 1962. 10 p. (Reshenila XXII s"ezda KPSS - v zhizn'!)
(DNAL)

16. TECHNOLOGY

ADAMENKO, A. I. [Asymmetrical asynchronous machines] Nesimmetrichnye asinkhronnye mashiny. Kiev, Izd-vo Akad. nauk Ukr. SSR, 1962. 211 p.

AIZENBERG, G. Z. [Shortwave antennas] Korotkovolnovye antenny. Moskva, Sviaz'izdat, 1962. 814 p.

AKADEMIIA NAUK KIRGIZSKOI SSR, Frunze. Institut energetiki i vodnogo khoziaistva. [Field investigation of irrigation systems] Prolzvodstvennye issledovaniia na orositel'nykh sistemakh. Frunze, Izd-vo AN Kirgizskoi SSR, 1961. 302 p.

AKADEMIIA NAUK KIRGIZSKOI SSR. Frunze. Institut energetiki vodnogo khoziaistva. [Problems of electrical engineering in high mountains; problems of electric power transmission in mountainous areas in the U. S. S. R.] Problemy vysokogornoi elektrotekhniki; voprosy elektroperedachi v gornykh raionakh SSSR. Frunze, Izd-vo Akad. nauk Kirgizskoi SSR, 1961. 300 p.

AKADEMIIA NAUK SSSR. Institut mashinovedeniia. [Interaction of molds and castings] Vzaimodeistvie liteinoi formy i otlivki. Moskva, Izd-vo Akad. nauk SSSR, 1962. 334 p.

Sibirskoe otdelenie. [Austen-ig the continuous cooling of austenita pri neprerynvnom .]
mokinetic diagrams] Atlas oskikh diagramm. 1960.

Kiev. Instytut metalokeramiky [High-temperature ceramic kotemperaturnye metallokera-iev, Izd-vo Akad. nauk USSR,

, Minsk. Instytut energetyki. nd increase in the efficiency ns] Avtomatizatsiia, kontrol' i ɔsti energoustanovok. Minsk, t, 1962. 202 p.

, Minsk. Instytut mashyna- f automatic machinery] O natlcheskikh mashin. Minsk, R, 1962. 206 p.

IIESKIKH NAUK RSFSR, /odstvennogo obuchenila. ɔecializing in sewing in t podgotovki rabolnikov ei v srednei shkole. Pod Moskva, Izd-vo Akad. 1962. 93 p. (Pedagogicheskie

AKADEMIIA STROITEL'STVA I ARKHITEKTURY SSSR. Institut betona i zhelezobetona, Perovo. [Handbook on injecting the channels in prestressed concrete elements with mortar] Rukovodstvo po in"ektsirovaniiu kanalov predvaritel'no napriazhennykh zhelezobetonnykh konstruktsii. Moskva, Gosstroiizdat, 1962. 26 p.

AKADEMIIA STROITEL'STVA I ARKHITEKTURY SSSR. Institut organizatsii, mekhanizatsii i tekhnicheskoi pomoshchi stroitel'stvu. [Assembly of large-block houses] Montazh krupnoblochnykh domov. Izd. 2., ispr. i perer. Moskva, Gosstroiizdat, 1961. 214 p.

AKADEMIIA STROITEL'STVA I ARKHITEKTURY SSSR. Institut organizatsii, mekhanizatsii i tekhnicheskoi pomoshchi stroitel'stvu. [Instructions for production testing of large prestressed-concrete elements] Ukazaniia po proizvodstvennym ispytaniiam krupnorazmernykh predvaritel'no napriazhennykh zhelezobetonnykh konstruktsii. Moskva, Gosstroiizdat, 1962. 128 p.

AKADEMIIA STROITEL'STVA I ARKHITEKTURY SSSR. Institut organizatsii, mekhanizatsii i tekhnicheskoi pomoshchi stroitel'stvu. [Plastering] Shtukaturnye raboty. Izd. 2., ispr. i dop. Moskva, Gosstroiizdat, 1962. 251 p. (Seriia prakticheskikh posobii po povyshcniiu masterstva v zhilishchnom stroitel'stve)

AKADEMIIA STROITEL'STVA I ARKHITEKTURY SSSR. Institut organizatsii, mekhanizatsii i tekhnicheskoi pomoshchi stroitel'stvu. [Prestressed concrete elements and how to manufacture them] Predvaritel'no napriazhennye zhelezobetonnye konstruktsii i tekhnologiia ikh izgotovleniia. Moskva, Biuro tekhn informatsii.
No. 1. [Beams and trusses for roofs of one-story industrial buildings (6-m. spacing)] Balki i fermy pokrytii odnoetazhnykh promyshlennykh zdanii (shag 6 m)
Pt. 2 [Technology of the manufacture of beams and trusses] Tekhnologiia izgotovleniia balok i ferm. 1962. 184 p.

AKADEMIIA STROITEL'STVA I ARKHITEKTURY SSSR. Institut organizatsii, mekhanizatsii i tekhnicheskoi pomoshchi stroitel'stvu. [Prestressed concrete elements and techniques for manufacturing them] Predvaritel'no napriazhennye zhelezobetonnye konstruktsii i tekhnologiia ikh izgotovleniia. Moskva, Biuro tekhn. informatsii.
No. 2. [Floors and roof slabs for residential and public buildings] Nastily i panoli perekrytii zhilykh i grazhdanskikh zdanii. 1961. 142 p.

AKADEMIIA STROITEL'STVA I ARKHITEKTURY SSSR. Institut organizatsii, mekhanizatsii i tekhnicheskoi pomoshchi stroitel'stvu. Biuro tekhnicheskoi informatsii. [Construction and assembly cranes for industrial construction, from materials of the "Design Office of the Main Administration for the Production and Assembly of Steel Elements" of the Ministry of Construction of the R. S. F. S. R.] Stroitel'no-montazhnye krany dlia promyshlennogo stroitel'stva; po materialam PI "Promstal'konstruktsiia" Ministerstva stroitel'stva RSFSR. Moskva, Gosstroiizdat, 1961. 91 p.

AKADEMIIA STROITEL'STVA I ARKHITEKTURY SSSR. Institut organizatsii, mekhanizatsii i tekhnicheskoi pomoshchi stroitel'stvu. Biuro tekhnicheskoi informatsii. [Devices for checking stresses in prestressed reinforcement, practices of enterprises under the administration of the National Economic Councils of the Estonian S. S. R., the White Russian S. S. R., and the Bashkir A. S. S. R.] Pribory dlia kontrolia usilii v predvaritel'no napriazhennoi armature; opyt predpriiatii sovnarkhozov Estonskoi SSR, Belorusskoi SSR i Bashkirskoi ASSR. Moskva, Gosstroiizdat, 1961. 23 p.

AKADEMIIA STROITEL'STVA I ARKHITEKTURY SSSR. Institut organizatsii, mekhanizatsii i tekhnicheskoi pomoshchi stroitel'stvu. Biuro tekhnicheskoi informatsii. [One-story industrial building with no monitor and with a flat roof and a large network of columns] Odnoetazhnoe bestonarnoe promyshlennoe zdanie s ploskoi krovlei i krupnorazmernoi setkoi kolonn; iz opyta tresta "Mosstroi-5" Glavmosstroia. Moskva, Gosstroiizdat, 1961. 72 p.

AKHMETZHANOV, A. A. [Synchronous tracking systems of greater accuracy] Sinkhronno-sledlashchie sistemy povyshennoi tochnosti. Moskva, Oborongiz, 1962. 211 p.

ALAD'EV, I. T., ed. [Atoms for peace; progress in the peaceful uses of atomic energy] Atom dlia mira; progress v mirnom ispol'zovanii atomnoi energii (sbornik statei). Moskva, Izd-vo Akad. nauk SSSR, 1962. 155 p. (Akademiia nauk SSSR Nauchno-populiarnaia serlia)

ALEKSEEV, S. N. [Corrosion and protection of reinforcement in concrete] Korrozlia i zashchita armatury v betone. Moskva, Gosstroiizdat, 1962. 186 p.

ALIAMOVSKII, M. I., and A. A. PROMYSLOV. [Marine condenser plants] Sudovye kondensatsionnye ustanovki. Leningrad, Sudpromgiz, 1962. 401 p.

ALIBEKOV, B. I. [Technical methods and equipment in exploiting oil pools with low formation pressure and intense sanding up] Tekhnika i tekhnologiia ekspluatatsii zalezhei nefti s nizkim plastovym davleniem i intensivnym peskoproiavleniem. Baku, Azerneshr, 1962. 162 p.

AMELIN, S. V., L. M. DANOVSKII, and V. N. KONSTANTINOV. [Tracks and track design, operation and maintenance] Put' i putevoe khoziaistvo. Pod red. S. V. Amelina. Moskva, Transzheldorizdat, 1962. 485 p.

ANDREEV, I. V., and G. S. KARASIN. [Over-all automation of telephone communications in electric power distribution systems] Kompleksnaia avtomatizatsiia telefonnoi sviazi energosistem. Moskva, Gosenergoizdat, 1962. 87 p.

ANDREEV, IU. A., and V. O. KOBAK. [Double T-shaped bridges in selective amplifiers] Dvoinye T-obraznye mosty v izbiratel'nykh usiliteliakh. Leningrad, Sudpromgiz, 1962. 103 p.

ANDREEV, S. E., V. V. ZVEREVICH, and V. A. PEROV. [Crushing, milling, and screening minerals] Drobienie, izmel'chenie i grokhochenie poleznykh iskopaemykh. Moskva, Gorgeotekhizdat, 1961. 384 p.

ANDREEVA, L. E. [Elastic elements of instruments] Upruglie elementy priborov. Pod red. V. I. Feodos'eva. Moskva, Mashgiz, 1962. 454 p.

ANISIMOV, A. P. [Electric equipment and power supply at building sites] Elektrooborudovanie i elektrosnabzhenie stroitel'nykh ploshchadok. Moskva, Gosstroiizdat, 1962. 226 p.

ARIFKHODZHAEV, S. A. [Tables for calculating rectangular plates with rectangular holes], Tablitsy dlia rascheta priamougol'nykh plastinok s priamougol'nymi otverstiiami. Tashkent, Izd-vo Akad. nauk Uzbekskoi SSR, 1962. 131 p.

ASHRATOVA, S. K., and V. M. ALMAZOV. [Single-thread column Class 201 sewing machine for stitching the welt to the shoe upper] Odnoniteichnaia kolonkovaia shveinaia mashina 201 klassa dlia prishchipki ranta k zagotovke. Moskva, Rostekhizdat, 1962. 79 p. (Novoe otechestvennoe oborudovanie)

AVAKIAN, A. G., and V. A. SHARAPOV. [Reservoirs of the hydroelectric power stations of the U. S. S. R.] Vodokhranilishcha gidroelektrostantsii SSSR. Moskva, Gos. energ. izd-vo, 1962. 151 p.

AZAR'EV, D. I. [Mathematical simulation of electrical systems] Matematicheskoe modelirovanie elektricheskikh sistem. Moskva, Gosenergoizdat 1962. 206 p.
[MICROFILM]

BABENKO, D. A., S. I. TEPLENKO, and L. D. CHIBISHEV. [Manual for electricians and armature winders working on three-phase asynchronous electric motors] V pomoshch' elektriku-obmotchiku trekhfaznykh asinkhronnykh elektrodvigatelei. Moskva, Gosenergoizdat, 1962. 174 p.

BALIASOV, P. D., and others. [Laboratory manual on cotton spinning] Laboratornyi praktikum po priadeniiu khlopka. Izd. 2., perer. i dop. Moskva, Izd-vo nauchno-tekhn. lit-ry RSFSR "Rostekhizdat," 1962. 491 p.

BALLANTER, I. I., R. I. BERLIN, and G. I. IL'IASHEVSKAIA. [Technological planning of breweries and soft-drink plants] Tekhnologicheskoe proektirovanie pivovarennykh zavodov i tsekhov bezalkogol'nykh napitkov. Moskva, Pishchepromizdat, 1962. 243 p.

BAL'MAKOVA, I. K. [Organization of transportation in the operational production lines of housing construction combines] Organizatsiia raboty transporta na tekhnologicheskikh liniiakh domostroitel'nykh kombinatov. Leningrad, 1962. 37 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Serlia: Stroitel'naia promyshlennost', no. 8)

BANATOV, P. S. [Repair of mining machinery] Remont gornykh mashin. Izd. 2., perer. i dop. Moskva, Gosgortekhizdat, 1962. 231 p.

BARANOV, L. A. [Handbook on accident prevention for the excavator] Pamiatka po tekhnike bezopasnosti dlia zemlekopa Izd. 5, perer. Moskva, Gosstroiizdat, 1961. 14 p. (Tekhnika bezopasnosti)

BARANOVSKII, M. A., and A. M PAVLIK. [Cold extrusion of steel parts] Kholodnoe vydavlivanie stal'nykh detalei Leningrad, 1962. 20 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia Goriachaia i kholodnaia obrabotka metallov davleniem, no. 4)

BARDIZH, V. V., and others. [Static and pulse characteristics of miniature cores with rectangular hysteresis loop] Staticheskie i impul'snye svoistva mikromnykh serdechnikov s priamougol'noi petlei gisterezisa. Moskva, ITM i VT AN SSSR, 1961. 60 p. (Elektronnye vychislitel'nye mashiny) [With summary in English]

BATISHCHEV, I. I., and A. V. SHUMOV. [Operation of self-loading motor vehicles] Ekspluatatsiia avtomobilei-samogruzchikov. Moskva, Avtotransizdat, 1962. 158 p.

BAZHENOV, V. I. [Guide to textile materials in the clothing industry, abstracts of lectures] Shveinoe materialovedenie, konspekt lektsii. Moskva, Nauchno-metodicheskii kabinet.
Pt. 1. [Textile fibers] Tekstil'nye volokna. 1960. 80 p.
Pt. 2. [Technology of textile manufacture] Tekhnologiia tekstil'nogo proizvodstva. 1961. 114 p.

BELASHOV, V. L., and A. S GRIDUNOV. [Road signs with light-reflecting surface] Dorozhnye znaki so svetootrazhaiushchei poverkhnost'iu. Moskva, Avtotransizdat, 1962. 18 p.

BELOTSERKOVETS, V. V. [Use of the SMP-1 gun in electrical wiring operations] Primenenie stroitel'nomontazhnogo pistoleta SMP-1 v elektromontazhnom proizvodstve. Moskva, Gosenergoizdat, 1962. 68 p. (Biblioteka elektromontera, no. 74)

BELOTSERKOVSKII, A. G. [Motor-vehicle batteries] Avtomobil'nye akkumulatory. Kiev, Gostekhizdat USSR, 1962. 119 p. (Biblioteka avtomobilista)

BEREZHNOI, E. F. [Device for determining the frequency characteristics of cores with magnetic polarity reversal along the symmetric hysteresis cycles approaching and hysteresis loop limit] Pribor dlia opredeleniia chastotnykh svoistv serdechnikov pri peremagnichivanii po simmetrichnym tsiklam gisterezisa, blizkim k predel'nym. Moskva, ITM i VT AN SSSR, 1962. 15 p. (Elektronnye vychislitel'nye mashiny) [With summary in English]

BEREZKINA, G. M. [Instructions on determining the filtration coefficient of bound soils on the F-1M unit] Instruktsiia po opredeleniiu koeffitsienta fil'tratsii svianykh gruntov na pribore F-1M. Moskva, Gosgeoltekhizdat, 1962. 18 p.

BERLIN, S. G., and G. M. IPPOLITOV, comps. [Abrasive tools; catalog] Abrazivnye instrumenty; katalog. Moskva, Gos. kom-t Soveta Ministrov SSSR po koordinatsii nauchno-issl. rabot, 1961. 151 p.

BESPALKO, V. P. [Handbook on mechanical engineering; automobile. Textbook for students] Rukovodstvo po mashinovedeniiu, avtomobil'. Posobie dlia uchashchikhsia. Izd. 4. Moskva, Gos. uchebno-pedagog. izd-vo, 1960. 1 v.
(TNJ)

BIRIUKOV, I. M. [Boring with a roller bit in mining] Sharoshechnoe burenie v gornom dele. Moskva, Gosgortekhizdat, 1962. 162 p.

BLINOVA, Z. A., L. E. VINNITSKII, and G. M. DERKASOV. [Shock absorbers with rubber parts for railroad rolling stock] Amortizatory s rezinovymi detaliami dlia podvizhnogo sostava. Moskva, Transzheldorizdat, 1962. 22 p.

BOGACHEV, A. M., and R. V. LIAMBAKII. [Equipment for the automatic control of the dimensions of rolled products] Pribory avtomaticheskogo kontrolia razmerov prokata. Moskva, Gosenergoizdat, 1962. 111 p. (Biblioteka po avtomatike, no. 57)

BOGOSLOVSKII, A. S. [Magnetic amplifiers] Magnitnye usiliteli. Moskva, Voenizdat, 1962. 93 p. (Za voenno-tekhnicheskie znaniia)

BOGOSLOVSKII, V. S. [Mechanization of the repair of boiler systems] Mekhanizatsiia remonta kotel'nykh agregatov. Moskva, Gosenergoizdat, 1962. 222 p.

BOGUSLAVSKII, M. D., M. M. VOLKOVICH, and P. N. TKACHENKO. [Centrifugal pipe casting in lined molds] TSentrobezhnaia otlivka trub v futerovannye izlozhnitsy. Leningrad, 1962. 15 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia: Liteinoe proizvodstvo, no. 2)

BOITSOV, K. P., and I. I SHEINOV. [Organization and planning of the maintenance and repair of the equipment of woodworking industries, transcript of a lecture] Organizatsiia i planirovanie remontov oborudovaniia derevoobrabatyvaiushchikh predpriiatii, stenogramma lektsii Leningrad, Leningr. dom nauchno-tekhn. propagandy, 1962. 47 p.

BOITSOVA, E. P. [Mechanization of paper box making, from practices of the Leningrad "Severnoe siianie" perfume factory] Mekhanizatsiia kartonazhnogo proizvodstva, iz opyta leningradskoi parfiumernoi fabriki "Severnoe siianie." Leningrad, 1962. 32 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Seriia Tara i upakovka)

BOLKHOVITINOV, B. P. [Trends in the development of aircraft] Puti razvitiia letatel'nykh apparatov. Moskva, Oborongiz, 1962. 120 p.

BORT, M. M., V. P. SHEVCHENKO, and A. S. GLUSHCHENKO. [Metal cutting with oxygen at low pressure] Rezka metalla kislorodom nizkogo davleniia. [Donetsk] Donetskoe kul'turnoe izd-vo, 1961. 29 p. (Novaia tekhnika sumletki)

BUGAETS, E. A. [Theory of aerial and terrestrial stereophotogrammetric methods for making topographic maps; second lecture for students of the Mining Department specializing in mine surveying] Teoriia stereofotogrammetricheskogo vozdushnogo i nazemnogo metodov sozdaniia topograficheskikh kart; lektsiia 2-ia dlia studentov gornogo fakul'teta spetsial'nosti "Markscheiderskoe delo." Moskva, Vsesoiuznyi politekhn. in-t, 1960. 65 p.

BUGAETS, E. A. [Theory of combined outline method for making a topographic map; lecture 1 for students of the Mining Department specializing in mine surveying] Teoriia konturno-kombinirovannogo metoda sozdaniia topograficheskoi karty, lektsiia 1 dlia studentov gornogo fakul'teta spetsial'nosti "Markscheiderskoe delo." Moskva, Vsesoiuznyi politekhn. in-t, 1960. 46 p.

BUKHMAN, IA. Z., and P. G. MOLOTKOV. [Mine brattices] Shakhtnye peremychki Moskva, Gosgortekhizdat, 1962.

BULYCHEV, N. I. [Handbook on accident prevention for workers in plants of the brick industry; for the removers of bricks from kilns] Pamiatka po tekhnike bezopasnosti dlia rabochikh zavodov kirpichnoi promyshlennosti; dlia vystavshchika kirpicha. Moskva, Gosstroiizdat, 1961. 15 p. (Tekhnika bezopasnosti)

BUNIN, D. A., and A. A. SHUBIN, comps. [Concise German-Russian dictionary on automatic and remote control] Kratkii nemetsko-russkii slovar' po avtomatike i telemekhanike. Moskva, Glav. red. inostr. nauchno-tekhn. slovarei Fizmatgiza, 1962. 531 p.

BURLIAND, V. A., and I. P. ZHEREBTSOV, comps. [A reader for radio amateurs] Khrestomatiia radiolubitelia. [Izd. 3., perer. i dop.] Moskva, Gosenergoizdat, 1962. 287 p. (Massovaia radiobiblioteka, no. 440)

BUSHUEV, V. M. [BKMS-14P tower cranes for the unloading of lumber from river craft] Bashennye krany BKMS-14P na vygruzke pilomaterialov iz rechnykh sudov. [Moskva] Goslesbumizdat, 1958. 7 p.

[CALCULATION OF FERMENTATION INDUSTRY PRODUCTS, AND LIQUEUR, VODKA, AND NONALCOHOLIC DRINKS] Raschet produktov brodil'nykh proizvodstv likero-vodochnogo i beznikogol'nykh napitkov. [By] M. M. Korobov i dr. Kiev, Gos. izd-vo tekhn. lit-ry USSR, 1961. 258 p.

[CALENDAR-HANDBOOK OF THE RAILROADMAN, 1962-1963] Kalendar'-spravochnik zheleznodorozhnika, 1962-1963. [Moskva] Transzheldorizdat [1962] 350 p.
[MICROFILM]

CHASTNYI, P. M. [Kazakhstan national cookery] National'nye bliuda Kazakhstana. Izd. 3., perer. i dop. Alma-Ata, Kazakhskoe gos. izd-vo, 1962. 92 p.

CHELIUSTKIN, A. B., and D. IA. LIBENSON. [Automation for our plants] Avtomatika dlia nashikh zavodov. Moskva, Izd-vo "Znanie," 1962. 30 p. (Novoe v zhizni, nauke, tekhnike. IV Seriia: Tekhnika, no. 13)

CHERNTSOV, R. A. [Action of thermal effects on the response speed of the superconducting elements of a computer] Vliianie teplovykh effektov na bystrodeistvie sverkhprovodiashchikh elementov vychislitel'noi mashiny Moskva, ITM i VT AN SSSR, 1961. 45 p. (Elektronnye vychislitel'nye mashiny) [With summary in English]

CHERNIAKHOVSKII, I. G. [Notes of the shop foreman] Zapiski nachal'nika tsekha Moskva, Izd-vo "Sovetskaia Rossiia," 1962. 128 p.

CHIZHIKOV, D. M., and others. [Hydro- and electrometallurgy of sulfide alloys and mattes] Gidroelektrometallurgiia sul'fidnykh splavov i shteinov Moskva, Izd-vo Akad. nauk SSSR, 1962. 204 p.

CHUDNOVS'KYI, L. IA. [Attention, I'm taking your picture; the third meeting of grades 7-8] Uvaha - znimaiu; III zluchennia VII-VIII klasy. Kyiv, Dytvydav, 1962. 67 p. (Znai, umii, ta oby)

CHUCIAEV, R. R. [Underground contouring of hydraulic structures] Podzemnyi kontur gidrotekhnicheskikh sooruzhenii. Moskva, Gosenergoizdat, 1962. 270 p.

CHUKMASOVA, M. A., and N. M. LAZAREV. [Beer production] Proizvodstvo piva. [2. perer. i dop. izd.] Moskva, Pishchepromizdat, 1961. 134 p. (Biblioteka molodogo rabochego)
(DNAL)

COLLIER, J. G. [Review of two-phase heat transfer. Translated from the English] Obzor rabot po teploobmenu k dvukhfaznym sistemam Pod red. L. S. Stormana Moskva, Izd-vo inostr. lit-ry, 1962. 177 p. (Nauchnye problemy energetiki)

[CONCISE MANUAL ON HEAT EXCHANGERS] Kratkii spravochnik po teploobmennym apparatam. [By] V. A. Grigor'ev i dr. Pod red. P. D. Lebedeva. Moskva, Gosenergoizdat, 1962. 255 p.

[CONCISE MINE SURVEYOR'S REFERENCE BOOK] Kratkii spravochnik markscheidera shakhty. Moskva, Gosgortekhizdat, 1962. 416 p.

[CONTROL OF SUDDEN OUTBURSTS IN COAL MINES, proceedings of the scientific and technical conference held in Donetsk in December 1960] Bor'ba s vnezapnymi vybrosami v ugol'nykh shakhtakh; sbornik trudov nauchno-tekhnicheskogo soveshchaniia, sostoiavshegosia v gor. Donetske v dekabre 1960 g. Moskva, Gosgortekhizdat, 1962. 602 p.

[CROSSCUTTING AND BORING MACHINES AND DRILL BITS] Buro-sboechnye mashiny i burovoi instrument. [By] M. S. Sifokhin i dr. Moskva, Gosgortekhizdat, 1962. 209 p.

DANILOV, N. N., and A. K. SHREIBER. [Concrete construction] Proizvodstvo betonnykh rabot. Moskva, Profizdat, 1962. 237 p.

DANILOV, P. P. [Safety regulations for operators of portable cranes] Pamiatka po tekhnike bezopasnosti dlia mashinistov peredvizhnykh kranov. Moskva, Gosstroiizdat, 1962. 31 p. (Tekhnika bezopasnosti v stroitel'stve)

DATNOV, A. G. [Icing of aircraft on the ground and means for its prevention] Obledenenie samoletov na zemle i sposoby bor'by s nim. Moskva, Voenizdat, 1962. 40 p.
[MICROFILM]

DAVIDENKO, N. N. and V. A. LIKHACHEV. [Irreversible deformations in metals under the effect of cyclic thermal stress] Neobratimoe formoizmenenie metallov pri tsiklicheskom teplovom vozdeistvii. Moskva, Mashgiz, 1962. 221 p.

DAVYDOV, P. F. [Tools and devices used by mechanics] Instrument i prisposobleniia, primeniaemye slesariami; obzor. Leningrad, Leningr. dom nauchno-tekhn. propagandy, 1962. 52 p.

DEMIN, V. M. [Radiometric methods of searching for uranium ores; land survey] Radiometricheskie metody poiskov uranovykh rud; poshchekhodnaia s"emka. [Rostov-na-Donu] Izd-vo Rostovskogo univ., 1962. 105 p.

DERZHAVNE VYDAVYTSTVO LITERATURY Z BUDIVNYTSTVA I ARKHITEKTURY URSR. [Classified catalog of literature to be published during 1962 by the Ukrainian State Publishing House for Construction and Architecture] Tematychnyi plan vypusku literatury Derzhbudvydavu URSR na 1962 r. Kyiv, 1961. 56 p.
[MICROFILM]

D'IACHENKO, P. E., V. E. VAINSHTEIN, and Z. P. GROZINSKAIA. [Methods for checking and standardizing the undulations of surfaces] Metody kontrolia i standartizatsiia volnistosti poverkhnosti. Moskva, Standartgiz, 1962. 94 p.

DMITRIEVSKII, A. A., and V. N. KOSHEVOI. [Physical foundations of rocket flight] Fizicheskie osnovy poleta raket. Moskva, Voenizdat, 1962. 77 p. (Raketnaia tekhnika)

DO IT YOURSELF; the third meeting of grades 7-8] Zroby sam, III shkodynka VII-VIII klasy. Kyiv, Dytvydav, 1962. 105 p. (Znai, umii, zroby)

DOKUKIN, A. V. [Use of compressed air in mining] Primenenie szhatogo vozdukha v gornoi promyshlennosti. Moskva, Gosgortekhizdat, 1962. 347 p.

DONSKOI, A. V., and V. V. BASHENKO. [Industrial application of electron-beam heating; transcript of a lecture] Primenenie elektronno-luchevogo nagreva v promyshlennosti, stenogramma lektsii. Leningrad, 1962. 32 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Serija Elektricheskie metody obrabotki materialov)

DONSKOI, D. I., and G. N. SARKHOSHIAN. [Repair of the engine of the M-21 "Volga" automobile] Remont dvigatelia avtomobilia M-21 "Volga." Moskva, Avtotransizdat, 1962. 153 p.

DORENSKII, L. M. [Dynamism of the photographic image] Dinamichnost' fotokadra. Pod red. E. A. Iofisa. Moskva, Izd-vo "Iskusstvo," 1962. 143 p. illus. (Biblioteka fotolubitelia, no. 27)

DORTMAN, N. B., and M. L. OZERSKAIA, eds. [Methodological handbook on determining the physical properties of rocks and minerals] Metodicheskoe rukovodstvo po opredeleniiu fizicheskikh svoistv gornykh porod i poleznykh iskopaemykh. Moskva, Gosgeoltekhizdat, 1962. 457 p.

DOVGALEVSKII, IA. M. [Handbook of a heat-treatment specialist] Spravochnik termista. [Saratov] Saratovskoe knizhnoe izd-vo, 1962. 417 p.

DROBYSHEV, A. I. [Organization of construction and installation of thermal electric power plants] Organizatsiia stroitel'stva i montazha teplovykh elektrostantsii. Moskva, Gosenergoizdat, 1962. 119 p.

DUBITSKII, G. M. [Gating systems] Litnikovye sistemy. Moskva, Mashgiz, 1962. 255 p.

DZHALALIAN, E. S. [Handbook on safety measures for the crane rigger and signalman] Pamiatka po tekhnike bezopasnosti dlia takelazhnika-signal'shchika. Moskva, Gosstroiizdat, 1961. 31 p. (Tekhnika bezopasnosti)

[EFFICIENT USE OF ELECTRIC POWER IN ELECTRIC FURNACES] Ratsional'noe ispol'zovanie elektroenergii v elektricheskikh pechakh; sbornik statei. [By] L. I. Aronov i dr. Moskva, Gosenergoizdat, 1962. 279 p. (Za ekonomiiu elektricheskoi i teplovoi energii)

tional value of bread and the transcript of a report ntatives of the bakery industry in the Leningrad House of Scientific and Technical Propaganda] Pishchevaia tsennost' khleba i sokhranenie ego svezhesti, stenogramma doklada, prochitannogo v LDNTP na seminare rabotnikov khlebopekarnoi promyshlennosti. Pod red. M. I. Knaginicheva. Leningrad, Leningr. dom nauchno-tekhn. propagandy, 1962. 57 p.

ESENDERLIN, R. E. [Brazing metals in furnaces with a gaseous atmosphere] Paika metallov v pechakh s gazovoi sredoi. Izd. 2., dop. i perer. Moskva, Mashgiz, 1962. 127 p.

EVGRAFOV, G. K., and N. B. LIALIN. [Calculations for bridges according to limiting states] Raschety mostov po predel'nym sostoianiiam. Moskva, Transzheldorizdat, 1962. 335 p.

FARAFONOV, L. S., P. D. KUTASHOV, and I. I. SEMENOV. [Rural automatic telephone exchange with a capacity of 100 to 500 numbers; information manual] Sel'skaia ATS 100/500, informatsionnyi sbornik. Moskva, Sviaz'izdat, 1962. 130 p. (Tekhnika sviazi)

FILIPPOV, G. A. [Construction practices in lumbering camps and ways for lowering its costs] Praktika stroitel'stva lespromkhozov i puti snizheniia ego stoimosti. Moskva, Goslesbumizdat, 1962. 103 p.

FILIPPOV, V. V., V. IA. SHEKHTER, and V. I. OLENEV. [Fully and semiautomated sheet metal working lines] Avtomaticheskie i avtomatizirovannye kholodnoshtampovochnye linii. Pod obshchei red. V. P. Romanovskogo. Moskva, Mashgiz, 1962. 81 p. (Bibliotechka shtampovshchika, no. 1)

[MICROFILM]

[FINISHING AND FACING MATERIALS] Materialy otdelochnye i oblitsovochnye. Izd. ofitsial'noe. Moskva, Standartgiz, 1962. 249 p. (SSSR. Gosudarstvennye standarty)

[MICROFILM]

[FISH CANNING AND PRESERVING] Konservy i preservy rybnye. Izd. ofitsial'noe. Moskva, Standartgiz, 1962. 345 p. (SSSR. Gosudarstvennye standarty)

[FLUIDS FOR DRILLING WELLS, transactions of the interrepublic conference in Baku] Promyvochnye rastvory dlia bureniia skvazhin, trudy mezhrespublikanskogo soveshchaniia v Baku. Moskva, Gostoptekhizdat, 1962. 201 p.

FOMIN, A. A. [Machine parts; atlas of nomograms] Detali mashin; atlas nomogramm. Moskva, Vysshaia shkola, 1961. 113 p.

FOTEEV, N. K. [Use of hard alloy dies] Eksploatatsiia tverdosplavnykh shtampov; obzor. Leningrad, 1962. 62 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Serija: Gorlachaia i kholodnaia obrabotka metallov davleniem)

FROLOV, P. A. [Small coaxial communication cables] Malogabaritnye koaksial'nye kabeli sviazi. Moskva, Sviaz'izdat, 1962. 76 p. (Lektsii po tekhnike sviazi)

[FUEL OIL AND LUBRICATING MATERIALS IN RAILROAD TRANSPORTATION] Neftianoe toplivo i smazochnye materialy na zheleznodorozhnom transporte, spravochnik. (By) N. M. Voronov i dr. Moskva, Transzheldorizdat, 1962. 322 p.

GAIVORONSKII, A. A. [Casing oil and gas wells in the United States] Kreplenie neftianykh i gazovykh skvazhin v SShA. Moskva, Gostoptekhizdat, 1962. 176 p.

GAPEEV, B. M. [Taking apart, cleaning and reassembling wrist watches] Razborka, chistka i sborka naruchnykh chasov. Moskva, Mashgiz, 1961. 20 p.

[GAS-TURBINE UNITS FOR LOCOMOTIVES; design and calculation] Lokomotivnye gazoturbinnye ustanovki, raschet i proektirovanie. [By] V. V. Uvarov i dr. Moskva, Mashgiz, 1962. 547 p.

GEFNER, V. M. [The OPM-1 pneumatic finishing machine; experience of the "Russkii Dizel'" Plant] Otdelochnaia pnevmaticheskaia mashinka OPM-1; opyt zavoda "Russkii dizel'." Leningrad, 1962. 17 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Serija: Mekhanicheskaia obrabotka, no. 10)

GEL'BERG, B. T., and G. D. PEKELIS. [Repair of industrial equipment] Remont promyshlennogo oborudovaniia. Moskva, Profizdat, 1962. 407 p.

GEL'FENBEIN, IA. V. [Hoisting mechanisms and rigging devices for the construction of thermal electric power plants] Gruzopod'emnye mekhanizmy i takelazhnye prisposobleniia dlia stroitel'stva teplovykh elektrostantsii. Moskva, Gosenergoizdat, 1962. 270 p.

[GEOCHEMICAL METHOD OF SEARCHING FOR ORE DEPOSITS IN ARID AND SEMIARID REGIONS] Gidrokhimicheskii metod poiskov rudnykh mestorozhdenii v aridnykh i poluaridnykh oblastiakh. [By] E. E. Bettakova i dr. Moskva, Gosgeoltekhizdat, 1962. 206 p.

GERASIMOV, I. D. [Mesh-reinforced concrete in construction] Armotsement v stroitel'stve. Krasnoiarsk, Nauchno-issl. in-t po stroit., 1962. 117 p.

GIMEL'SHEIN, L. IA. [Electrician's manual on the maintenance of automated systems] Elektrosliesar' po obsluzhivaniiu avtomatizirovannykh ustanovok. Moskva, Gosgortekhizdat, 1962. 190 p.

GIMMERVERT, R. V., R. M. DOMNICH, and L. F. IL'INA. [New varieties of bread and confectionery products; from practices of Leningrad bakeries] Novye sorta khlebobulochnykh i konditerskikh izdelii; iz opyta khlebopekarnykh predpriiatii g. Leningrada. Leningrad, 1962. 50 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Serija: "Khlebopekarnaia promyshlennost'")

GINZBURG, E. G., and A. V. SHAMANIN. [Standard technological processes in manufacturing gear transmissions] Tipovye tekhnologicheskie protsessy izgotovleniia zubchatykh peredach. Pod obshchei red. N. I. Kolchina. Izd 2., perer i dop. Moskva, Mashgiz, 1962. 114 p. (Bibliotechka zubореza, no. 2)

GLADKIKH, P. A. [Elimination of pressure pulsations in gas pipelines] Ustranenie pul'satsii davleniia v gazoprovodakh. Moskva, Gostoptekhizdat, 1962. 108 p.

GLADKOV, A. A., and V. P. SAMOILOV. [Waterproofing] Gidroizoliatsionnye raboty. Moskva, Gosstroiizdat, 1962. 199 p. (Serija posobii po povysheniiu masterstva stroitelei)

GLAGOLEVA, T. A. [Natural lighting of industrial buildings] Estestvennoe osveshchenie promyshlennykh zdanii. [Moskva] Profizdat, 1961. 86 p.

GLINKOV, M. A. [Principles of the general theory of furnaces] Osnovy obshchei teorii pechei. Izd. 2., ispr. i dop. Moskva, Metallurgizdat, 1962. 575 p.

GLUSHKOV, G. S. [Engineering methods for strength and rigidity analysis; with the use of moments of high orders] Inzhenernye metody raschetov na prochnost' i zhestkost', s primeneniem momentov vysokikh poriadkov. Izd. 2., perer. i dop. Moskva, Mashgiz, 1962. 354 p.

GODLEVSKII, P. L. [When Communist Youth League hearts beat] Kogda serdtse b'etsia komsomol'skoe. [Irkutsk] Irkutskoe knizhnoe izd-vo, 1960. 98 p. (MII)

GOL'DIN, S. M. [Industrial electronics] Promyshlennaia elektronika. Moskva, Gosgortekhizdat, 1961. 275 p.

GORUSHKIN, V. I. [Use of electronic computers in power engineering calculations] Vypolnenie energeticheskikh raschetov s pomoshch'iu vychislitel'nykh mashin. Pod red. V. A. Venikova. Moskva, Vysshaia shkola, 1962. 174 p.

GRIAZNOV, N. S. [Plasticity and the caking of coals] Plasticheskoe sostoianie i spekanie uglei. Sverdlovsk, Metallurgizdat, 1962. 191 p.

GRIGOROVICH, M. B. [Graphite and searching for it] Grafit i ego poiski. Moskva, Gosgeoltekhizdat, 1962. 15 p. (Bibliotechka iskatelia poleznykh iskopaemykh)

GRIGOROVICH, M. B. [Natural building stones and sand] Estestvennye stroitel'nye kamni i peski. Izd. 2. Moskva, Gosgeoltekhizdat, 1962. 19 p. (Bibliotechka iskatelia poleznykh iskopaemykh)

GROMOV, N. P., ed. [Rolling practice and pipe manufacture] Prokatnoe i trubnoe proizvodstvo; sbornik statei. Moskva, Metallurgizdat, 1958. 384 p. (Prilozhenie k zhurnalu "Stal' ")

GRUBER, L. O., L. M. PERTSOVSKII, and V. I. TROFIMOV. [Layout, installation, and use of traction substations] Ustroistvo, montazh i ekspluatatsiia tiagovykh podstantsii. Izd. 3., perer. i dop. Moskva, Transzheldorizdat, 1962. 519 p.

GUBERMAN, SH. A. [Theory of similitude and the radiometry of wells] Teoriia podobiia i radiometriia skvazhin. Moskva, Gostoptekhizdat, 1962. 106 p.

GUS'KOV, A. V. [Manufacture of shaped parts by the extrusion method in the Czechoslovak Socialist Republic, stenographic record of a lecture] Izgotovlenie fasonnykh detalei metodom vydavlivaniia v Chekhoslovatskoi Sotsialisticheskoi Respublike; stenogramma lektsii, prochitannoi v LDNTP na kratkosrochnom seminare "Shtampovka kholodnym vydavlivaniem." Leningrad, 1962. 26 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Serija: Gorlachaia i kholodnaia obrabotka metallov davleniem)

[HANDBOOK FOR THE STATE-FARM CONSTRUCTION WORKER] Spravochnik sovkhoznogo stroitelia. Moskva, Sel'khozizdat, 1962. 598 p.

[HANDBOOK ON LOADING, UNLOADING, AND CONVEYING OPERATIONS IN CONSTRUCTION] Spravochnik po pogruzochno-razgruzochnym i transportnym rabotam na stroitel'stve. Pod red. G. P. Grinevicha. Moskva, Gosstroiizdat, 1962. 376 p.

IAKOVLEV, N. V. [Operation of refrigerating systems] Ekspluatatsiia kholodil'nykh ustanovok. Moskva, Gostorgizdat, 1962. 144 p.

IAKOVLEV, V. N. [Repairing equipment of machinery plants] Remont oborudovaniia mashinostroitel'nykh zavodov, spravochnoe posobie. Moskva, Mashgiz, 1962. 292 p.

IAKUSHIN, N. P. [Ventilation and the control of gases in sinking mine shafts] Provetrivanie i bor'ba s gazami pri prokhodke stvolov shakht. Moskva, Gosgortekhizdat, 1962. 230 p.

IAKZHIN, A. A. [Characteristics of the distribution and formation of fluorite deposits in Transbaikalia] Zakonomernosti razmeshcheniia i formirovaniia fluoritovykh mestorozhdenii Zabaikal'ia. Moskva, Gosgeoltekhizdat, 1962. 249 p.

IASENEV, B. P. [Direct geochemical methods of oil and gas prospecting, methodological instructions for sampling, scaling, and degassing of rocks] PrIamye geokhimicheskie metody poiskov nefti i gaza, metodicheskie ukazaniia po otboru prob gornykh porod, ikh germetizatsii i degazatsii. Pod red. V. A. Sokolova. Moskva, Gostoptekhizdat, 1962. 57 p.

IASHIN, I. V. [Practice in organizing and conducting technical seminars in enterprises of the Leningrad Economic Council; verbatim report] Opyt organizatsii i provedeniia tekhnicheskikh seminarov na predpriiatiiakh Lensovnarkhoza, stenogramma doklada. Leningrad, 1962. 33 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Serila Ekonomika i organizatsiia proizvodstva)

IMBRITSKII, M. I. [Brief handbook on pipelines and fittings] Kratkii spravochnik po truboprovodam i armaturu. Moskva, Gosenergoizdat, 1962. 271 p.

IMBRITSKII, M. I. and A. P. NIKITIN. [Handbook on piping and fittings for thermal electric power plants] Spravochnik po truboprovodam i armature dlia teplovykh elektricheskikh stantsii. Moskva, Gosenergoizdat, 1962. 287 p.

ISAEV, A. S. [From the horseless carriage to the ZIL-111 automobile, from the history of automobile engineering] Ot samobeglot koliaski do ZIL-111; iz istorii avtomobilia. [Moskva] Mosk. rabochii, 1961. 167 p.

ITINSKAIA, N. I. [Laboratory work with fuel and lubricants] Laboratornye raboty po toplivu i smazochnym materialam. Moskva, Sel'khozizdat, 1962. 191 p. (Uchebniki i uchebnye posobiia dlia vysshikh sel'skokhoziaistvennykh uchebnykh zavedenii)

IVANOV, I. I. [General plan for the electrification of railroads] General'nyi plan elektrifikatsii zheleznykh dorog. Moskva, Transzheldorizdat, 1962. 85 p.

IZBASH, IU. V. [Foundation engineering] Osnovaniia i fundamenty. Khar'kov, Izd-vo Khar'kovskogo gos. univ., im. A. M. Gor'kogo, 1961. 315 p.

[JOINERY PRODUCTS FOR RESIDENTIAL AND PUBLIC BUILDINGS] Stolarnye izdeliia dlia zhilykh i grazhdanskikh zdanii. Izdanie ofitsial'noe. Moskva, Standartgiz, 1962. 123 p. (SSSR. Gosudarstvennye standarty).

KAGANOVICH, N. A. [Radio equipment of airplanes] Radiooborudovanie samoletov. Moskva, Oborongiz, 1962. 199 p.

KALININ, A. T., and T. KH. TAITS. [Use of germanium power rectifiers for the electric current feeding of electrolytic cells] Primenenie silovykh germanievykh vypriamitelei dlia elektropitaniia gal'vanicheskikh vann. Leningrad, 1962. 14 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Serila Pribory i elementy avtomatiki, no. 1)

KALINUSHKIN, M. P. [Ventilation systems] Ventiliatornye ustanovki. Izd. 5., perer. i dop. Moskva, Vysshaia shkola, 1962. 293 p.

KALISH, S. I., and K. I. CHEBANENKO. [Handbook for the mine hoist operator] Spravochnik mashinista shakhtnoi pod"emnoi mashiny. Moskva, Gosgortekhizdat, 1962. 207 p.

KAPLAN, M. P. [Analysis of the layout of gas-turbine units for electric power plants] Analiz skhem gazoturbinnykh ustanovok dlia elektrostantsii. Kiev, Gostekhizdat USSR, 1962. 109 p.

KAPLANOV, M. P., and V. A. LEVIN. [Automatic frequency control] Avtomaticheskaia podstroika chastoty. Izd. 3., dop. Moskva, Gosenergoizdat, 1962. 319 p.

KARACHUN, A. A., and G. A. STEPAKOV. [Mechanization of work at lumber landings] Mekhanizatsiia rabot na nizhnikh lesnykh skladakh. Petrozavodsk, Gos. izd-vo Karel'skoi ASSR, 1961. 91 p.

KARPOV, F. F., and V. N. KOZLOV. [Simple automatic control networks] Prosteishie skhemy avtomatizatsii. Moskva, Gosenergoizdat, 1962. 17 p. (Biblioteka elektromontera, no. 67)

KARVOVSKII, G. A., and S. P. OKOROKOV. [Handbook on asynchronous motors and start regulating equipment] Spravochnik po asinkhronnym dvigateliam i puskoregulirujushchei apparature. Moskva, Gosenergoizdat, 1962. 207 p.

KATS, N. V. [Metallization of textile fabrics] Metallizatsiia tkanei. Moskva, Rostekhizdat, 1962. 109 p.

KAZANSKAIA, L. N. [Chemical nature and possible ways of improving the taste and flavor of bread] Khimicheskaia priroda i vozmozhnye puti uluchsheniia vkusa i aromata khleba, stenogramma doklada, prochitannogo v LDNTP na seminare rabotnikov khlebopekarnoi promyshlennosti. Pod red. A. G. Egorova. Leningrad, 1962. 50 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Serila Khlebopekarnaia promyshlennost')

KHAKIMOV, KH. R. [Freezing soil for construction purposes] Zamorazhivanie gruntov v stroitel'nykh tseliakh. Moskva, Gosstroiizdat, 1962. 186 p.

KHAMARMER, I. P. [Operator-foreman of the Stakhanov crew of the SE-3 excavator, N. P. Kachanov] N. P. Kachanov mashinist-brigadir Stakhanovskoi brigady ekskavatora SE-3. Leningrad, Gosenergoizdat, 1953. 21 p. (Novatory proizvodstva v energetike)

KHARKOV. UKRAINSKII NAUCHNO-ISSLEDOVATEL'SKII INSTITUT ORGANIZATSII I MEKHANIZATSII SHAKHTNOGO STROITEL'STVA. [Rules for the technical operation of sinking winches] Pravila tekhnicheskoi ekspluatatsii prokhodcheskikh lebedok. Utverzhdeno Glavnym Upravleniem ugol'noi i torfianoi promyshlennosti Ukrsovnarkhoza 23 iiunia 1961 g. Moskva, Gosgortekhizdat, 1962. 57 p.

KHIMKI. TSENTRAL'NYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT MEKHANIZATSII I ENERGETIKI LESNOI PROMYSHLENNOSTI. [Papers of the Central Scientific Research Institute of Mechanization and Power Engineering in the Lumber Industry, of the Irkutsk and Caucasus Branches of the Institute, and of the Karelian Scientific Research Institute of Design and Planning for the Lumber and Woodworking Industries in the Field of the Mechanization of Lumbering Operations; collection of reports on research completed during 1960] Trudy TsNIIMEL, Irkutskogo, Kavkazskogo filialov TsNIIME i Karel'skogo proektnogo nauchno-issledovatel'skogo instituta lesnoi i derevoobrabatyvaiushchei promyshlennosti v oblasti mekhanizatsii lesozagotovok; sbornik referatov nauchno-issledovatel'skikh rabot vypolnennykh v 1960 g. Moskva, 1962. 109 p.

KHMEL'NITSKII, E. P. [Operation of an electron-tube oscillator with a detuned circuit] Rabota lampovogo generatora na rasstroennyi kontur. Moskva, Sviaz'izdat, 1962. 109 p.

KHRENOV, L. S., and others. [Handbook on calculating analytical nets] Rukovodstvo po vychisleniiam analiticheskikh setei. Moskva, Geodezizdat, 1962. 247 p.

KIRUSHEV, A. M. [Maintenance and use of ice roads] Soderzhanie i ekspluatatsiia ledianykh dorog. [Syktyvkar] Komi knizhnoe izd-vo, 1962. 22 p. (Bibliotechka lesozagotovitelia)

KMETIK, P. I., V. G. MEREZHKO, and N. P. USTINOV. [Organization of the operation, maintenance and repair of diesel locomotives] Organizatsiia teplovoznogo khoziaistva. Moskva, Transzheldorizdat, 1962. 197 p.

KOBELEV, V. V. [Hysteresis loops of uniaxial ferromagnetic films] Petli gisterezisa odnoosnykh ferromagnitnykh plenok. Moskva, ITM i VT AN SSSR, 1961. 63 p. (Elektronnye vychislitel'nye mashiny) [With summary in English]

KOCHNOV, V. N. and ZH. V. MONOSOV. [Assembly-line repair of motortruck cabins] Remont kabin gruzovykh avtomobilei na potoke. Moskva, Avtotransizdat, 1962. 73 p. Obmen tekhnicheskim opytom avtotransportnykh predpriiatii)

KOLCHIN, N. I., and M. S. MOVNIN. [Theory of mechanisms and machinery; construction and kinematics of mechanisms, dynamics of machinery and friction] Teoriia mekhanizmov i mashin, struktura i kinematika mekhanizmov, dinamika mashin i trenie. Pod obshchei red. N. I. Kolchina. Leningrad, Sudpromgiz, 1962. 615 p.

KOLLODII, K. K. [Pneumatic coal preparation in the Kuznetsk Basin] Pnevmaticheskoe obogashchenie uglei v Kuznetskom basseine. Moskva, Gosgortekhizdat, 1960. 49 p.

KOMISSAROVA, L. N., and V. E. PLIUSHCHIEV, eds. [Metallurgy of rare earth metals] Metallurgiia redkozemel'nykh metallov, sbornik statei. Moskva, Izd-vo inostr. lit-ry, 1962. 199 p.

KORICKY, JAN. [Case hardening of steel. Translated from the Czech] Tsementatsiia stali. Pod red. I. I. Kornfeldta. Leningrad, Sudpromgiz, 1962. 242 p.

KORIN, I. Z. [How to search for nickel ores] Kak iskat' rudy nikelia, Izd. 3., perer. Moskva, Gosgeoltekhizdat, 1962. 44 p. (Bibliotechka iskatelia poleznykh iskopaemykh)

KORNDORF, S. F., and G. M. TERESHIN. [Problems and exercises on radio measurements] Sbornik zadach i uprazhnenii po radiotekhnicheskim izmereniiam. Moskva, Gosenergoizdat, 1962. 150 p.

KORSAKOV, M. I. [Safety regulations for repair and assembly work in the machinery industry] Tekhnika bezopasnosti pri remontnykh i montazhnykh rabotakh v mashinostroenii. Moskva, Mashgiz, 1962. 196 p.

KOTIUK, A. F., and others. [Apparatus for aerial electric prospecting using the infinitely long cable method] Apparatura dlia aerioelektrorazvedki metodom beskonechno dlinnogo kabelia. Otvet. red. K. B. Karandeev. Novosibirsk, Izd-vo Sibirskogo otd-niia AN SSSR, 1962. 78 p.

KOZIN, N. I. [Practical handbook for the section "Edible Fats and Oils"] Prakticheskoe rukovodstvo po razdelu "Pishchevye zhiry." Moskva, Mosk. ordena Trudovogo Krasnogo Znameni in-t mekhanizatsii khoz. im. G. V. Plekhanova, 1962. 75 p.

KRECHETOVICH, N. N. [Automatic and remote control] Avtomatika i telemekhanika. Minsk, Izd-vo M-va vysshego, srednego spetsial'nogo i professional'nogo obrazovaniia BSSR, 1962. 233 p.

KRIENDLIN, L. N., and I. A. MOROZOV. [Manufacture of wooden elements and built-in furniture] Proizvodstvo stolarnykh izdelii i vstroennoi mebeli. Moskva, Goslesbumizdat, 1962. 247 p.

KSENDZYK, G. V. [Mechanized built-up welding under flux of a layer of chilled cast iron by a cast-iron ribbon electrode] Mekhanizirovannaia elektrodugovaia naplavka pod flusom stoiu otbelennogo chuguna chugunnoi elektrodnoi lentoi. Leningrad, 1962. 26 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Serila, Svarka i paika metallov, no. 6)

KUCHMA, K. G., and A. A. PROKHORSKII. [Electric power plants and substations] Elektricheskie stantsii i podstantsii. Moskva, Transzheldorizdat, 1962. 531 p.

KUDRIASHOV, I. V. [Ways of saving wood in the manufacture of containers, from practices of the work of the Leningrad Economic Council] Puti ekonomii drevesiny v proizvodstve tary, iz opyta raboty Leningradskogo sovnarkhoza. Leningrad, 1962. 20 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Serila Tara i upakovka)

KUKUSHKIN, V., ed. [Among stars] Zvezdy v ladoniakh. / Moskva, Izd-vo "Pravda," 1962. 70 p. (Biblioteka "Komsomol'skoi pravdy," no. 6)

KUPRIANOV, D. F., and G. F. METAL'NIKOV. [Fundamentals of technical mechanics] Osnovy tekhnicheskoi mekhaniki. Leningrad, Izd-vo "Rechnoi transport," 1962. 387 p.

KUNITSKII, N. P. [Electronic excitation of the generators and motors of reversing mills] Ionnoe vozbuzhdenie generatorov i dvigatelei reversivnykh prokatnykh stanov. Moskva, Gosenergoizdat, 1962. 100 p. (Biblioteka po avtomatike, no. 64)

KURMANALIEV, T. I. [Flotation of lead in Aktyuz] Svintsovaia flotatsiia na Ak-Tiuze. Frunze, Izd-vo AN Kirgizskoi SSR, 1960. 41 p.

KUTUKOV, L. V., and D. I. OBIDIN. [Direct coupled networks] Skhemy s neposredstvennymi sviaziami. Moskva, ITM i VT AN SSSR, 1962. 38 p. (Elektronnye vychislitel'nye mashiny) [With summary in English]

KUTUZOV, B. N., and M. A. PSIHENICHNYI. [Blasting in open-pit mines] Vzryvnaik na otkrytykh gornykh razrabotkakh. Moskva, Gosgortekhizdat, 1962. 154 p.

KUZNETSOV, V. I. [Bottle-washing and bottling machines for milk, adjustment, regulation and operation] Butylomoechnye i razlivochno-ukupornochnye mashiny dlia moloka; naladka, regulirovanie i ekspluatatsiia. Moskva, Pishchepromizdat, 1962. 166 p. (Biblioteka molodogo rabochego)

KUZNETSOV, V. I. [Present state of the machinery industry] Sovremennoe sostoianie mashinostroeniia, tsifry i fakty. Moskva, Ob-vo po rasprostraneniiu polit. i nauchn. znanii RSFSR, 1961. 36 p. (V pomoshch' lektoru)

KUZNETSOV, V. S., and V. A. PONOMAREV. [Multipurpose attachments with interchangeable parts in the machinery industry; album of drawings] Universal'no-sbornye prisposobleniia v mashinostroenii; al'bom chertezhei. 2. izd., ispr. i perer. Moskva, Mashgiz, 1962. 228 p.

LANTSOV, V. A., and K. A. GLUKHOVSKOI [Overall mechanization in housing construction, based on the practices of construction projects in Leningrad] Kompleksnaia mekhanizatsiia v zhilishchnom stroitel'stve, na opyte leningradskikh строек. Leningrad, Gosstroiizdat, 1962. 223 p.

LEIZERZON, M. S. [Synthetic mica] Sinteticheskaia sliuda. Moskva, Gosenergoizdat, 1962. 191 p. (Polimery v elektroizolatsionnoi tekhnike, no. 2)

LEVITSKAIA, O. M., and V. A. BRESLER. [Practices in the manufacture of products from glass polyester plastics] Opyt proizvodstva izdelii iz poliefirnykh steklioplastikov. Leningrad, 1962. 23 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia: Sinteticheskie materialy, no. 1)

LEVITSKII, K. I. [Safety engineering and fire prevention techniques in public food service enterprises] Tekhnika bezopasnosti i protivopozharnaia tekhnika v predpriiatiiakh obshchestvennogo pitaniia. Izd. 2., perer. i dop. Moskva, Gostorgizdat, 1962. 157 p.

LIAKHOV, G. M., and G. I. POKROVSKII. [Blast waves in soils] Vzryvnye volny v gruntakh. Moskva, Gosgortekhizdat, 1962. 101 p.

LIBERMAN, G. R. [Prevention of the breakdown and malfunction of boiler equipment] Preduprezhdenie avarii i nepoladok kotel'nogo oborudovaniia. Moskva, Izd-vo M-va kommun. khoz. RSFSR, 1962. 214 p.

LISTSYN, V. D., A. E. BUDZILOVSKII, and I. S. FILINA. [Special automatic die-stamping machines] Spetsial'nye shtampovochnye avtomaty. Pod obshchei red. V. P. Romanovskogo. Moskva, Mashgiz, 1962. 51 p. (Bibliotechka shtampovshchika, no. 3)
[MICROFILM]

R. MARGOLIN, and K. G.
r vehicle engines and their
nye dvigateli i ikh modifika-
12, 74 p. (Avtomobil'naia
it' na vystavke dostizhenii
)

OVSHOVICH. [A relay
one exchange with a
Releinaia blochnaia
ov. Moskva, Sviaz'izdat,
hnike sviazi)

ures in work on rural
khnika bezopasnosti pri
stanovkakh. Moskva,

s and methods for the
erations, verbatim report
redstva i metody avtomati-
onogramma lektsii. Lenin-
idskii dom nauchno-tekhni-
Mekhanicheskaia obrabotka

ps] Pnevmaticheskie
1962. 207 p.

LOZINSKII, M. L. [They turn the lights on, from a worker's diary] Oni zazhigaiut ogni, iz dnevnika rabochego. Simferopol', Krymizdat, 1962. 136 p.

LUKASHENKO, I. A., and others. [Asbestos-cement elements for industrial buildings] Asbestotsementnye konstruktsii dlia promyshlennykh zdanii. Kiev, Gosstroiizdat USSR, 1962. 48 p. (Biblioteka inzhenera-konstruktora)

LUK'IANOV, T. P. [Adjustment of electrical systems] Naladka elektroustanovok. Moskva, Profteknizdat, 1962. 618 p.

L'VOV, P. N. [Wear resistance of parts of construction and road machinery] Iznosostoikost' detalei stroitel'nykh i dorozhnykh mashin. Moskva, Mashgiz, 1962. 86 p.

MAKOVER, M. D. [Care and maintenance of home and household goods] Ukhod za zhilishchem i domashnimi veshchami. Moskva, Izd-vo M-va kommun. khoz. RSFSR, 1962. 62 p.

MALAKHOVSKII, IA. E., A. A. LAPIN, and N. K. VEDENEEV. [Cardan transmissions] Kardannye peredachi. Pod red. A. A. Lipgarta. Moskva, Mashgiz, 1962. 153 p. (Proektirovanie avtomobilia)

MALKOV, D. E. [Techniques of the manufacture of thin-walled prestressed concrete slabs] Tekhnologiia izgotovleniia tonkostennykh predvaritel'no napriazhennykh zhelezobetonnykh panelei. Leningrad, Gosstroiizdat, 1962. 138 p.

MAMIKONIANTS, G. M. [Fire extinction of powerful gas, gas and oil, and oil free-flowing wells with water streams and by means of explosives] Tushenie pozharov, moshchnykh gazovykh, gazoneftianykh i neftianykh fontanov vodianymi struiami i pri pomoshchi vzryva zarriada VV. Moskva, Gostoptekhizdat, 1962. 70 p.

MANZON, A. I. [Accident prevention and industrial sanitation] Tekhnika bezopasnosti i proizvodstvennaia sanitariia. Kiev, Gostekhizdat USSR, 1962. 82 p. (Biblioteka avtomobilista)

MARKOV, P. N. [How to look for mica deposits] Kak iskat' mestorozhdeniia sliud. Izd. 3. Moskva, Gosgeoltekhizdat, 1962. 19 p. (Bibliotechka iskatelia poleznykh iskopaemykh)

MATVEEV, V. V., and A. D. SOKOLOV. [Photomultipliers in scintillation counters] Fotoumnozhiteli v stsintillatsionnykh schetchikakh. Moskva, Gosatomizdat, 1962. 155 p.
[MICROFILM]

MAZEL', S. I., and L. I. USTINOV. [Mechanization of the construction and repair operations of electric communication lines] Mekhanizatsiia stroitel'stva i remonta kabel'nykh linii sviazi. Moskva, Sviaz'izdat, 1962. 167 p.

[MEAT AND CANNED MEAT] Miaso i konservy miasnye. Izd. ofitsial'noe. Moskva, Standartgiz, 1962. 432 p. (SSSR. Gosudarstvennye standarty)

MELENT'EV, L. P. [Rail lubrication on curved track sections] Smazyvanie rel'sov na krivykh uchastkakh puti. Moskva, Tranzheldorizdat, 1962. 35 p. (Bibliotechka putейca)

MEL'NIKOV, N. V., K. E. VINITSKII, and M. G. POTAPOV. [Principles of the continuous process of open-pit ore mining; developing the iron-ore deposits of Kustanay Province] Osnovy potochnoi tekhnologii otkrytoi razrabotki mestorozhdenii; osvoenie zhelezorudnykh mestorozhdenii Kustanaia. Moskva, Izdvo Akad. nauk SSSR, 1962. 174 p.

MEN'KOVA, N. M. [Some types of centrifugal, starting, and safety clutches] Nekotorye vidy tsentrobezhnykh puskovykh i predokhranitel'nykh muft. Moskva, In-t gornogo dela im. A. A. Skochinskogo, 1961. 30 p.

MEZHVUZOVSKAIA KONFERENTSIIA PO PRIMENENIIU FIZICHESKOGO I MATEMATICHESKOGO MODELIROVANIIA V RAZLICHNYKH OTRASLIAKH TEKHNIKI. 4th. [Reports of the Interuniversity Conference on the Use of Physical and Mathematical Simulation in Different Technological Fields] Doklady. Moskva, Mosk. energ. in-t.
Vol. 1. Tetel'baum, I. M., ed. [Mathematical simulation of fields] Matematicheskoe modelirovanie polei. 1962. 357 p.
Vol. 2. Litkens, I. V., ed. [Use of mathematical simulation and digital computers in the solution of power engineering problems.] Primenenie matematicheskogo modelirovaniia energeticheskikh zadach. 1962. 365 p.

MEZHVUZOVSKOE SOVESHCHANIE V SVERDLOVSKOM GORNOM INSTITUTE IM. V. V. VAKHRUSHEVA, Sverdlovsk, 1960. [Methods of sampling ore deposits in prospecting and exploitation; materials] Voprosy metodiki opробovaniia rudnykh mestorozhdenii pri razvedke i ekspluatatsii; materialy. Pod red. M. N. Al'bova. Moskva, Gosgeoltekhizdat, 1962. 221 p.

MIASNIKOV, A. A. [Ventilation of mine workings with various coal mining systems] Provetrivanie gornykh vyrabotok pri razlichnykh sistemakh razrabotki ugol'nykh plastov. Moskva, Gosgortekhizdat, 1962. 219 p.

MILETICH, A. F. [Air leaks in mines; calculation, regulation and control of leaks] Utechki vozdukha v shakhtakh; raschet, regulirovanie i bor'ba s utechkami. Moskva, Gosgortekhizdat, 1962. 130 p.

MINAEV, G. A., and N. I. SHAT'KO. [Safety engineering in topographic and geodetic work] Tekhnika bezopasnosti na topografo-geodezicheskikh rabotakh. Moskva, Geodezizdat, 1962. 226 p.

MOKRINSKII, A. S. [Constructing and supporting mine workings] Provedenie i kreplenie gornykh vyrabotok. Moskva, Gosgortekhizdat, 1962. 352 p.

MOROZOV, S. G. [Heat calculations of a steam turbine with variable operating conditions] Teplovye raschety parovoi turbiny pri peremennykh rezhimakh. Moskva, Mashgiz, 1962. 207 p.

MOSCOW. GOSUDARSTVENNYI INSTITUT PO PROEKTIROVANIIU AVTOREMONTNYKH ZAVODOV, GARAZHEI, MASTERSKIKH I AVTOEKSPLOATATSIONNOGO KHOZIAISTVA. [Principal formulas and instructions for making calculations for bridge spans across constant currents of water] Osnovnye formuly i ukazaniia po raschetu otverstii mostov cherez postiannye vodotoki. Moskva, Avtotransizdat, 1961. 21 p.

MOSCOW. GOSUDARSTVENNYI INSTITUT TEKHNIKO-EKONOMICHESKIKH IZYSKANII I PROEKTIROVANIIA ZHELEZNODOROZHNOGO TRANSPORTA. [Handbook on hydraulic calculations for small engineering structures and channels] Rukovodstvo po gidravlicheskim raschetam malykh iskusstvennykh sooruzhenii i rusel. Moskva, Transzheldorizdat, 1961. 167 p.

MOSCOW. GOSUDARSTVENNYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT NAUCHNOI I TEKHNICHESKOI INFORMATSII. [Characteristics of the development of certain oil fields in North America] Osobennosti razrabotki nekotorykh neftianykh mestorozhdenii Severnoi Ameriki. Pod red. V. N. Shcholkachova. Moskva, 1961. 157 p.

MOSCOW. VSESOIUZNYI GOSUDARSTVENNYI PROEKTNYI INSTITUT "GIDROENERGOPROEKT." [Geology and dams] Geologiia i plotiny. Pod obshchei red. A. A. Borovogo. Moskva, Gosenergoizdat. (Its Materialy po proektirovaniiu gidroenergeticheskikh uzlov. Seriia 2: Izyskaniia)
Vol. 2. 1962. 151 p.

MOSCOW. VSESOIUZNYI GOSUDARSTVENNYI PROEKTNYI INSTITUT "GIDROENERGOPROEKT." [Large dams of the U. S. S. R.] Bol'shie plotiny SSSR. Moskva, Gosenergoizdat, 1962. 270 p.

MOSCOW. VSESOIUZNYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT MIASNOI PROMYSHLENNOSTI. [Safety guards for machines and apparatus in meat industry enterprises] Ograditel'nye ustroistva mashin i apparatov na predpriiatiiakh miasnoi promyshlennosti. Pod red. V. M. Gorbatova. Moskva, Pishchepromizdat, 1962. 83 p.

MOSCOW. VSESOIUZNYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT PO NORMALIZATSII V MASHINOSTROENII. [Auxiliary tools for automatic turret lathes] Instrument vspomogatel'nyi k revol'vernym avtomatam. Moskva, Standartgiz, 1961. 300 p. (SSSR. Normali mashinostroeniia)

MOSCOW. VSESOIUZNYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT PO NORMALIZATSII V MASHINOSTROENII. [Dies for sheet-metal work; Blocks with replacement die sets of sectioning dies; Parts and assembly units; design, specifications and technical requirements (MN 1912-61 - MN 1932-61)] Shtampy dlia kholodnoi shtampovki; Bloki so smennymi paketami razdelitel'nykh shtampov. Detali i uzly; konstruktsiia, ispolnitel'nye razmery i tekhnicheskie trebovaniia (MN 1912-61 - MN 1932-61). Moskva, Gos. izd-vo standartov, 1962. 59 p. (SSSR. Normali mashinostroeniia)

MOSCOW. VSESOIUZNYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT PO NORMALIZATSII V MASHINOSTROENII. [Dies for sheet-metal work Precision blocks, assembly units and parts, design and specifications (MN 2534-61 - MN 2548-61)] Shtampy dlia kholodnoi shtampovki Bloki pretsizionnye, uzly i detali, konstruktsiia i ispolnitel'nye razmery (MN 2534-61 - MN 2548-61). Moskva, Gos. izd-vo standartov, 1962. 40 p. (SSSR. Normali mashinostroeniia).

MOSCOW. VSESOIUZNYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT PO NORMALIZATSII V MASHINOSTROENII. [Molds for pressure-forming of articles from thermosetting plastics, detachable molds. Parts and units, design and specifications] Press-formy dlia pressovaniia izdelii iz reaktoplastov. Press-formy s"emnye. Detali i uzly; konstruktsiia i ispolnitel'nye razmery. Moskva, Standartgiz, 1961. 182 p. (SSSR. Normali mashinostroeniia)

MOSCOW. VSESOIUZNYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT PO NORMALIZATSII V MASHINOSTROENII. [Rolls for rolling grooves; design and specifications] Roliki dlia nakatki riflenii, konstruktsii i ispolnitel'nye razmery. Moskva, Standartgiz, 1961. 5 p. (SSSR. Normali mashinostroeniia)

MOSCOW. VSESOIUZNYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT PO STROITEL'STVU. [Technology of heat-insulating materials] Tekhnologiia teploizolitsionnykh materialov, sbornik trudov. Moskva, Gosstroiizdat, 1962. 132 p.

MOSCOW. VYSTAVKA DOSTIZHENII NARODNOGO KHOZIAISTVA SSSR. [New grinding machines and advanced methods for abrasive and diamond grinding] Novye shlifoval'nye stanki i progressivnye metody abrazivnoi i almaznoi obrabotki metallov; putevoditel'-katalog. Moskva, 1962. 59 p.

MOSCOW. VYSTAVKA DOSTIZHENII NARODNOGO KHOZIAISTVA SSSR. Pavil'on "Khimicheskaia promyshlennost'." ["Chemical Industry" Pavilion, a guide] Putevoditel'. Moskva, 1961. 34 p.

MOSCOW. VYSTAVKA DOSTIZHENII NARODNOGO KHOZIAISTVA SSSR. Pavil'on "Khimicheskaia promyshlennost'." ["Chemical Industry" Pavilion; a guide] Putevoditel'. Moskva, 1962. 39 p.

MOSKVOSKII DOM NAUCHNO-TEKHNICHESKOI PROPAGANDY IMENI F. E. DZERZHINSKOGO. [Over-all mechanization and automation of hoisting and conveying operations in the machinery industry] Kompleksnaia mekhanizatsiia i avtomatizatsiia pod"emno-transportnykh rabot v mashinostroenii. Pod red. I. P. Krutikova. Moskva, Mashgiz, 1962. 266 p.

MUSKAT, L. V. [Manual on materials for sanitation and ventilation mechanics and tinsmiths] Materialovedenie dlia slesarei-santekhnikov i slesarei-ventiliatsionnikov-zhestianshchikov. Moskva, Profizdat, 1962. 187 p.

NAUCHNAIA KONFERENTSIIA PO PROBLEMAM NEFTIANOI, GAZOVOI I NEFTEKHIMICHESKOI PROMYSHLENNOSTI. [Abstracts of reports of the Conference on the Problems of the Petroleum, Gas, and Petrochemical Industries; Chemical Technology Section, Petrochemistry Subsection] Tezisy dokladov Sektsiia khimiko-tekhnologicheskaia, Podsektsiia neftekhimicheskaia. Moskva, Gostoptekhizdat, 1962. 26 p.

NAUCHNAIA KONFERENTSIIA PO PROBLEMAM NEFTIANOI, GAZOVOI I NEFTEKHIMICHESKOI PROMYSHLENNOSTI. [Abstracts of reports of the Conference on the Problems of the Petroleum, Gas, and Petrochemical Industries: Chemical Technology Section, Technology Subsection] Tezisy dokladov: Sektsiia khimiko-tekhnologicheskaia, Podsektsiia tekhnologicheskaia. Moskva, Gostoptekhizdat, 1962. 35 p.

NAUCHNAIA KONFERENTSIIA PO PROBLEMAM NEFTIANOI, GAZOVOI I NEFTEKHIMICHESKOI PROMYSHLENNOSTI. [Abstracts of reports of the Conference on the Problems of the Petroleum, Gas, and Petrochemical Industries; Geology Section] Tezisy dokladov: Sektsiia geologicheskaia. Moskva, Gostoptekhizdat, 1962. 58 p.

NAUCHNAIA KONFERENTSIIA PO PROBLEMAM NEFTIANOI, GAZOVOI I NEFTEKHIMICHESKOI PROMYSHLENNOSTI. [Abstracts of reports of the Conference on the Problems of the Petroleum, Gas, and Petrochemical Industries; Geophysics Section] Tezisy dokladov: Sektsiia geofizicheskaia. Moskva, Gostoptekhizdat, 1962. 36 p.

NAUCHNAIA KONFERENTSIIA PO PROBLEMAM NEFTIANOI, GAZOVOI I NEFTEKHIMICHESKOI PROMYSHLENNOSTI. [Abstracts of reports of the Conference on the Problems of the Petroleum, Gas, and Petrochemical Industries, Section 'Development and Exploitation of Oil and Gas Fields."] Tezisy dokladov: Sektsiia 'Razrabotka i ekspluatatsiia neftianykh i gazovykh mestorozhdenii." Moskva, Gostoptekhizdat, 1962. 34 p.

NAUCHNAIA KONFERENTSIIA PO PROBLEMAM NEFTIANOI, GAZOVOI I NEFTEKHIMICHESKOI PROMYSHLENNOSTI. [Abstracts of reports of the Conference on the Problems of the Petroleum, Gas, and Petrochemical Industries: Section 'Drilling and Drilling Equipment."] Tezisy dokladov: Sektsiia "Burenie i burovoe oborudovanie." Moskva, Gostoptekhizdat, 1962. 30 p.

NAUCHNAIA KONFERENTSIIA PO PROBLEMAM NEFTIANOI, GAZOVOI I NEFTEKHIMICHESKOI PROMYSHLENNOSTI. [Abstracts of reports of the Conference on the Problems of the Petroleum, Gas, and Petrochemical Industries, Section "Transportation and Storage of Petroleum and Gas and Construction of Pipelines."] Tezisy dokladov Sektsiia "Transport i khranenie nefti i gaza i sooruzhenie truboprovodov." Moskva, Gostoptekhizdat, 1962. 19 p.

NAUCHNO-TEKHNICHESKAIA KONFERENTSIIA "SOVERSHENSTVOVANIE ORGANIZATSII ZHILISHCHNOGO I KUL'TURNO-BYTOVOGO STROITEL'STVA," Moscow, 1961 [Materials of the Scientific Technical Conference "Improving the organization of the construction of residential, cultural, and public buildings"] Materialy. Moskva, Mosk. gor. otd-nie Ob-va po raspr. polit. i nauchn znanii RSFSR, 1962. 115 p.

NAUCHNO-TEKHNICHESKOE OBSHCHESTVO ZHELEZNODOROZHNOGO TRANSPORTA. [Use of plastics and synthetic materials in railroad transportation] Primenenie plasticheskikh mass i sinteticheskikh materialov na zheleznodorozhnom transporte; sbornik po obmenu opytom. Moskva, Transzheldorizdat, 1962. 162 p.

NEGREEV, V. F., ed. [Protection of apparatus and equipment of petroleum refineries from corrosion] Zashchita apparatury i oborudovaniia neftepererabatyvaiushchikh zavodov ot korrozii. [By] N. G. Kasumzade i dr. Baku, Azerneshr, 1962. 282 p.

NEKHAI, S. M., V. M. NOVAK, and V. I. KHABAROV. [Pressing machines used in the manufacture of electrical insulating materials] Pressy dlia proizvodstva elektroizolitsionnykh materialov. Moskva, Gosenergoizdat, 1962. 91 p.

NEPOMNIASHCHII, I. L. [Mechanization and automation at coke chemical plants] Mekhanizatsiia i avtomatizatsiia na koksokhimicheskom zavode. Moskva, Metallurgizdat, 1962. 213 p.

NESTERENKO, A. V. [Principles of thermodynamical calculations in air conditioning and ventilation] Osnovy termodinamicheskikh raschetov ventiliatsii i kondistsionirovaniia vozdukha. Moskva, Vysshaia shkola, 1962. 354 p.

NIKANDROV, B. I. [Farm buildings] Sel'skokhoziaistvennye postroiki. Moskva, Sel'khozizdat, 1962. 271 p.

NIKIFOROV, N. K., and N. V. SHUSTOV. [Construction, use, and repair of rock drills] Konstruktsiia, ekspluatatsiia i remont perforatorov. Moskva, Gosgortekhizdat, 1961. 164 p.

NIKITENKO, E. A. [Electrochemical protection of gas mains against corrosion] Elektrokhimicheskaia zashchita magistral'nykh gazoprovodov ot korrozii. Moskva, Gostoptekhizdat, 1962. 231 p. [MICROFILM]

NIKOLAEV, G. A. [Welded structures] Svarnye konstruktsii. Izd. 3., perer. Moskva, Mashgiz, 1962. 552 p.

NOVOZHILOV, G. G. [We mechanize the work of builders] Mekhaniziruem trud stroitelei. [Moskva] *Mosk. rabochii, 1962. 30 p.*

NYRKOV, S. V., S. A. MEKKEL', and M. L. TARASENKO. [Advanced technology of the Kuznetsk Basin mines and its efficient utilization; on the practice of mines working flat and inclined seams] Peredovaia tekhnika na shakhtakh Kuzbassa i *voprosy ee ratsional'nogo* ispol'zovaniia, po dannym o rabote shakht, razrabatyvaiushchikh pologie i naklonnye plasty. [Novosibirsk] Novosibirskoe knizhnoe izd-vo, 1958. 85 p. (ICMILC)

OBRAZOVSKII, A. S. [Hydraulics of water-intake reservoirs] Gidravlika vodopriemnykh kovshei. Moskva, Gosstroiizdat, 1962. 191 p. (Inzhenernaia gidravlika)

OBSHADKO, D. I. [Theory of tolerances and fits. Checking and measuring instruments and the techniques of measurement, methodological manual] Poniatiia o dopuskakh i posadkakh. Kontrol'no-izmeritel'nye instrumenty i tekhnika izmerenii; metodicheskoe posobie. Moskva, Profizdat, 1962. 59 p.

OLIFIRENKO, G. I. [An oscillographic device and cathode-ray curve tracer arrangement for studying the volt-ampere characteristics of transistors; verbatim report of lectures] Ostsillograficheskaia ustanovka-kharakterograf dlia issledovaniia vol'tampernykh kharakteristik poluprovodnikovykh triodov, stenogramma lektsii. Leningrad, 1962. 26 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Seriia Pribory i elementy avtomatiki)

ORNATSKII, N. V. [Soil mechanics] Mekhanika gruntov [Moskva] Izd-vo Mosk. univ., 1962. 446 p.

OSADCHIEV, V. G., and A. M. IONOV. [Care of furniture, its transportation, repair and storage] Uhod za mebel'iu, perevozka, remont i khranenie. Pod obshchei red. V. G. Osadchieva. Moskva, Goslesbumizdat, 1962. 137 p.

OSADCHUK, G. I. and IU. O. FAERSHTEIN. [Maintenance and repair of trains with refrigeration equipment] Remont poezdov s mashinnym okhlazhdeniem. *Moskva, Transzheldorizdat, 1962. 296 p.*

OSTROVSKII, A. [Motor bus, trolley bus, street car, taxicab] Avtobus, trolleibus, tramvai, takui. [Moskva] Mosk. rabochii, 1962. 90 p.

PANARIN, N. IA., and I. I. TARASENKO. [Strength of materials] Soprotivlenie materialov. Leningrad, Gosstroiizdat, 1962. 526 p.

PARNOV, E. I. [Invulnerable materials] Nenazvimye materialy. [Moskva] Mosk. rabochii, 1962. 53 p.

PAVLENKO, N. I. [History of metallurgy in 18th-century Russia; plants and industrialists] Istoriia metallurgii v Rossii XVIII veka, zavody i zavodovladel'tsy. Moskva, Izd-vo Akad. nauk SSSR, 1962. 564 p.

PERFIL'MAN, R. G. [Engines of galactic ships] Dvigateli galakticheskikh korablei. *Moskva, Izd-vo Akad. nauk* SSSR, 1962. 107 p. (Akademiia nauk SSSR Nauchno-populiarnaia serila)

PESHKOV, I. O. [Adjustment of turret lathes] Naladka tokarno-revol'vernykh stankov. Moskva, Mashgiz, 1962. 159 p.

PETROV, A. P., ed. [Use of electronic digital computers in compiling train sheets] Sostavlenie grafika dvizheniia poezdov na elektronnykh tsifrovykh *vychislitel'*nykh mashinakh. Moskva, Transzheldorizdat, 1962. 199 p. (Kibernetika na transporte)

PETROV, V. N. [Resistance welding of steel and aluminum-magnesium alloys] Elektrokontaktnaia svarka stalei i aliuminiievo-magnievykh splavov. Leningrad, 1962. 22 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia, Svarka i paika metallov, no. 25)

PINENZHIK, A. M. [Automation of universal machine tools] Avtomatizatsiia universal'nykh metallorezhushchikh stankov. Pod red. A. F. Drobinina. Moskva, Mashgiz, 1961. 43 p. (Nauchno-populiarnaia biblioteka rabochego-stanochnika, no. 39)

PISMANIK, K. M., and V. N. KEDRINSKII. [Calculation and examples of adjustments of machine tools for cutting bevel gears with circular teeth] Raschet i primery naladok stankov dlia narezaniia konicheskikh koles s krugovymi zub'iami. Pod obshchei red. N. I. Kolchina. Moskva, Mashgiz, 1962. 109 p. (Biblioteka zubореza, no. 5)

PLOTITSYN, S. I. [D 19/30 medium power diesel engines] Dizeli sredniei moshchnosti D 19/30. Moskva, Mashgiz, 1962. 195 p.

POBLDONOSTSEV, IU. A. [Way into space; achievements of Soviet rocket engineering] Put' v kosmos; dostizheniia sovetskoi raketnoi tekhniki. Moskva, Voenizdat, 1962. 98 p. (Nauchno-populiarnaia biblioteka)

POMERANTSEV, V. V., and others. [Layer methods of the use of fuel as a source of power and chemicals] Sloevye metody energokhimicheskogo ispol'zovaniia topliva. [By] B. D. Katanel'son i dr. Moskva, Gosenergoizdat, 1962. 186 p.

PONOMAREV, O. P. [Modern fuel-feed systems for diesel engines for trucks and tractors, review] Sovremennaia toplivopodaiushchaia apparatura avtotraktornykh dizelei, obzor Pod red S. A. Vasil'eva Moskva, TSentr. in-t nauchno-tekhn. informatsii mashinostroeniia, 1961. 98 p.

PRESNIAKOV, A. G. [How an idea was born and carried out, an inventor's notes] Rozhdenie i voploshchenie zamysla; zapiski izobretatelia. Moskva, Gosenergoizdat, 1962. 110 p.

[PROCESSING OF RAYON AND SYNTHETIC FIBERS, abstracts of reports made at the scientific and technical conference] Pererabotka iskusstvennykh i sinteticheskikh volokon, tezisy dokladov nauchno-tekhnicheskoi konferentsii [n. p.] TSentral'noe biuro tekhn. informatsii, 1962. 63 p.

[PROGRESSIVE PRACTICE IN WORKING MEDIUM-THICK ORE BODIES OF THE SOKOLOVKA DEPOSIT] Peredovoi opyt razrabotki srednikh tel srednei moshchnosti Sokolovogo mestorozhdeniia. [By] K. G. Gilimzhanov i dr. Alma-Ata, TSentr. in-t nauchno-tekhn. informatsii, 1962. 74 p.

PYSHKIN, V. P. [Pneumatic grain reloaders] Pnevmaticheskie peregruzhateli zerna Moskva, Zagotizdat, 1962. 100 p.

RABINOVICH, N. L., comp. [Mobile pumping stations, brief manual] Peredvizhnye nasosnye stantsii, kratkii spravochnik Moskva, Rosgiprovodkhoz, 1962 85 p.

RABKIN, L. I., S. A. SOSKIN, and B. SH. EPSHTEIN. [Technology of ferrites] Tekhnologiia ferritov Moskva, Gosenergoizdat, 1962. 368 p.

RAKHSHTADT, A. G., ed. [Physical properties of metals and their heat treatment] Metallovedenie i termicheskaia obrabotka. Moskva, Metallurgizdat, 1958. 274 p. (Prilozhenie k zhurnalu "Stal'")

RAKOVSKII, M. E. [Top priority] Napravlenie nomer odin. Pod obshchei red. A. B. Rodova. Moskva, Izd-vo "Znanie," 1962. 47 p. (Narodnyi universitet kul'tury: Tekhniko-ekonomicheskii fakul'tet, no. 7)

RAPOPORT, I. S. [Master electrician of the metallurgical plant] Master-elektrik metallurgicheskogo zavoda. Sverdlovsk, Metallurgizdat, 1962. 220 p.

RAZIN, V. P. [Heights] Vysoty. Moskva, Izd-vo "Znanie," 1962. 45 p. (Novoe v zhizni, nauke, tekhnike. X Seriia. Molodezhnaia, no. 10)

RAZUMKOV, D. V., and V. M. SEMENOV. [Exercises in traffic regulations] Uprazhnenila po pravilam ulichnogo dvizhenila avtomototransporta. Moskva, Profizdat, 1962. 127 p.

REBINDER, P. A., ed. [Physicochemical bases for using surfactants in developing oil formations] Fiziko-khimicheskie osnovy primeneniia poverkhnostno-aktivnykh veshchestv pri razrabotke neftianykh plastov. [By] G. A. Babalian i dr. Moskva, Gostoptekhizdat, 1962. 282 p.

REIBMAN, A. I. [New lacquer and paint materials and advanced methods of their application, review] Novye laky i progressivnye metody [illegible] Leningrad, 1962. 91 p. [illegible]khno-tekhnicheskoi propagandy. (rytiia)

A. URVANTSEV. [Load slinging] Moskva, Mashgiz, 1962. 103 p.

RIAPOLOV, A. F. [Industrial high-pressure pipelines; manufacture and assembly] Tekhnologicheskie truboprovody vysokogo davleniia; izgotovlenie i montazh Moskva, Gosstroiizdat, 1962. 140 p.

RIVKIN, S. L. [Thermodynamic properties of air and combustion products of fuels] Termodinamicheskie svoistva vozdukha i produktov sgoraniia topliv. Izd. 2., ispr. i dop. Moskva, Gosenergoizdat, 1962. 102 p. diagrs.

ROMANOVA, L. A. [Asbestos-resin tiles] Asbestosmolianye plitki. Moskva, Gosstroiizdat, 1962. 136 p. (Novye stroitel'nye materialy)

ROSMAN, L. V. [Group control of the excitation of synchronous generators of hydroelectric power stations] Gruppovoe upravlenie vozbuzhdeniem sinkhronnykh generatorov gidroelektrostantsii. Moskva, Gosenergoizdat, 1962. 107 p.

ROSTOSHINSKII, M. S. [Semiautomatic welding in an atmosphere of carbon dioxide in the repair of automobiles] Poluavtomaticheskaia svarka v uglekislom gaze pri remonte avtomobilei Moskva, Avtotransizdat, 1962. 32 p.

ROVINSKII, G. N. [Stamping large parts for the automobile industry] Shtampovka krupnogabaritnykh detalei avtomobil'noi promyshlennosti Pod obshchei red. V. P. Romanovskogo. Moskva, Mashgiz, 1962. 73 p. (Bibliotechka shtampovshchika, no. 5)

ROZHKOV, I. S. [Where and how to search for gold] Gde i kak iskat' zoloto Izd. 2. Moskva, Gosgeoltekhizdat, 1962. 25 p. (Bibliotechka iskatelia poleznykh iskopaemykh)

RUDIN, S. N. [Assembly posts and cranes] Montazhnye machty i krany. Izd. 2. Moskva, Mashgiz, 1962. 102 p. (Biblioteka slesaria-montazhnika, no. 4)

RUKHADZE, G. R. [Crosshead with automatic gas cut-off valves] Krestovina s avtomaticheskimi gazotsekatel'nymi klapanami. Baku, Azerneshr, 1961. 40 p.

RUSSIA (1917- R. S. F. S. R.) Glavnoe upravlenie sanitarno-tekhnicheskogo montazha. [Adjustment-control, and operation of industrial ventilation systems] Naladka, regulirovka i eksploatatsiia sistem promyshlennoi ventiliatsii. Pod red. S. IA. Erikhmana. Moskva, Gosstroiizdat, 1962. 555 p. (Spravochnik po spetsial'nym rabotam)

RUSSIA (1917- R. S. F. S. R.) Glavnoe upravlenie sanitarno-tekhnicheskogo montazha. [Steel radiators used in heating and ventilation systems, reference data (No. U-17)] Stal'nye kaloriifery, primeniaemye v sistemakh otopleniia i ventiliatsii, spravochnye dannye (shifr U-17). Moskva, TSentr. biuro tekhn. informatsii, 1961. 58 p.

RUSSIA (1917- R. S. F. S. R.) Krasnoiarskii ekonomicheskii administrativnyi raion. Sovet narodnogo khoziaistva. [Erection of foundations under permafrost conditions, from practice used in the Noril'sk region] Vozvedenie fundamentov v usloviiakh vechnomerzlykh gruntov; iz opyta Noril'skogo raiona Moskva, Gosstroiizdat, 1962. 53 p.

RUSSIA (1923- U. S. S. R.) Glavnoe energeticheskoe upravlenie. [Regulations governing the use and testing of the protection devices of electric power systems] Pravila pol'zovaniia i ispytaniia zashchitnykh sredstv, primeniaemykh v elektroustanovkakh Izd 2., perer. Moskva, Gosenergoizdat, 1962. 54 p.

RUSSIA (1923- U. S. S. R.) Glavnoe upravlenie vagonnogo khoziaistva. [Technical instructions on the operation, maintenance and repair of electric brakes for passenger trains with locomotive traction. These instructions complement the TsV-2039, 1895 and TsT-2032 instructions in force for automatic brakes] Tekhnicheskie ukazaniia po ekspluatatsii i remontu elektropnevmaticheskikh tormozov v passazhirskikh poezdakh s lokomotivnoi tiagoi. Nastoiashchie ukazaniia dopolniaiut deistvuiushchie instruktsii po avtotormozam TsV-2039, 1895 i TsT-2032. Moskva, Transzheldorizdat, 1962. 58 p.

RUSSIA (1923- U. S. S. R.) Gosudarstvennyi komitet po delam stroitel'stva. [Indices of the estimated cost and outlay of resources for the construction of drainage systems] Pokazateli smetnoi stoimosti i raskhoda resursov sooruzhenila meliorativnogo stroitel'stva Utverzhdeny Gosudarstvennym komitetom Soveta Ministrov SSSR po delam stroitel'stva 15 oktiabria 1960 g. Moskva, Gosstroiizdat.
No. 1. 1961. 75 p.

RUSSIA (1923- U. S. S. R.) Gosudarstvennyi komitet po delam stroitel'stva. [Norms (SN 199-61) for the technical design of enterprises manufacturing precast reinforced-concrete products, using unit-flow and stationary methods of production] Normy tekhnologicheskogo proektirovaniia predpriiatii sbornykh zhelezobetonnykh izdelii s agregatno-potochnym i stendovym sposobami proizvodstva (SN 199-61). Moskva, Gosstroiizdat, 1962. 18 p.

RUSSIA (1923- U. S. S. R.) Gosudarstvennyi komitet po delam stroitel'stva. [Standard specifications for the assembly of open-hearth furnace equipment (SN 151-61)] Tekhnicheskie usloviia na montazh oborudovaniia martenovskikh tsekhov (SN 151-61). Moskva, Gosstroiizdat, 1961. 30 p.
[MICROFILM]

RUSSIA (1923- U. S. S. R.) Gosudarstvennyi komitet po koordinatsii nauchno-issledovatel'skikh rabot. [Electric equipment and instruments for automobiles and tractors; reference catalog] Avtotraktornoe elektrooborudovanie i pribory, katalog-spravochnik. Moskva, TsNIITIMASH.
Pt. 2. 1962. 378 p.

RUSSIA (1923- U. S. S. R.) Komitet po delam izobretenii i otkrytii. [A collection of patents, telecommunication] Sbornik izobretenii; sviaz'. Moskva, TSentr. biuro tekhn. informatsii, 1961. 119 p. (Sbornik otechestvennykh izobretenii)

RUSSIA (1923- U. S. S. R.) Ministerstvo geologii i okhrany nedr. [Geology of coal and combustible shale deposits in the U. S. S. R.] Geologiia mestorozhdenii uglia i goriuchikh slantsev SSSR. Glav. red. I. I. Ammosov i dr. Moskva, Gosgeoltekhizdat.
Vol. 2. Bobyshev, A. T., and others, eds. [Moscow Basin and other coal deposits in central and eastern provinces of the European part of the U. S. S. R.] Podmoskovnyi basseln i drugie mestorozhdeniia uglia tsentral'nykh i vostochnykh oblastei Evropeiskoi chasti RSFSR. 1962. 589 p. maps.

RUSSIA (1923- U. S. S. R.) Ministerstvo lesnoi promyshlennosti. TSentral'noe biuro tekhnicheskoi informatsii. [Safety measures in operating electrical equipment in lumbering] Elektrobezopasnost' na lesozagotovkakh. Moskva, Goslesbumizdat, 1960. 61 p.

RUSSIA (1923- U. S. S. R.) Ministerstvo stroitel'stva elektrostantsii. [Report on a trip to the United States by a delegation of Soviet power engineers in October 1959] Otchet o poezdke v SShA delegatsii sovetskikh energetikov v oktiabre 1959 goda. Moskva, 1960. 142 p.
[TYPESCRIPT]

SADOVNICHII, N. P., and I. I. ZHAD'KO. [Mechanization of construction and repair operations of overhead communication and wire broadcasting lines] Mekhanizatsiia stroitel'stva i remonta vozdushnykh linii sviazi i radiofikatsii. Moskva, Sviaz'izdat, 1962. 117 p.

SAFARIAN, M. K., IU. K. ISHCHENKO, and H. M. MESROPIAN. [Study of the behavior of rectangular reinforced concrete tanks under the effect of temperature change, general conclusions from experience in design, construction, and operation] Issledovanie raboty priamougol'nykh zhelezobetonnykh rezervuarov pri temperaturnykh vozdeistviiakh, obobshchenie opyta proektirovaniia, stroitel'stva i ekspluatatsii. Moskva, VNIIST Glavgaza SSSR, redaktsionno-izdatel'skii otdel, 1961. 166 p.

SAMOILOV, V. F. [Large television screens] Bol'shoi televizionnyi ekran. Moskva, Gosenergoizdat, 1962. 63 p. (Massovaia radiobiblioteka, no. 437)

SAMOSHIN, I. G. [Heat treatment] Termicheskaia obrabotka. Moskva, Mashgiz, 1962. 155 p.

SAVCHENKOV, V. A., and IU. G. MOSENKIS. [Oxygen cutting with natural gas] Kislorodnaia rezka na prirodnom gaze. [Khar'kov] Khar'kovskoe knizhnoe izd-vo, 1961. 43 p.

SELIVERSTOV, V. M. [Marine steam-power plants, methodological manual on the section "Marine boilers" (heat calculations of auxiliary and waste heat boilers).] Sudovye parosilovye ustanovki, metodicheskoe posobie po razdelu "Sudovye kotly" (teplovoi raschet vspomogatel'nogo i utilizatsionnogo kotla). Leningrad, Izd-vo "Rechnoi transport," 1962. 18 p.

SEMENOV, IU. A. [Manufacture of cathode heaters for vacuum devices] Proizvodstvo podogrevatelei katodov elektrovakuumnykh priborov. Moskva, Gosenergoizdat, 1962. 134 p.

SEMENOVA, S. N. [Learn dressmaking; fundamentals of garment cutting and sewing] Uchites' shit', osnovy kroiki i shit'ia [Moskva] Reklamno-izdatel'skaia fabrika Upr. gor. oformleniia i reklamy Mosgorispolkoma, 1962. 61 p.

SEMINAR PO OBMENU OPYTOM PRIMENENIIA OKHLAZHDENIIA I SMAZKI RASPYLENNYMI ZHIDKOSTIAMI PRI REZANII METALLOV, 1961. [Cooling and lubrication by atomized fluids during metal cutting] Okhlazhdenie i smazka raspylennymi zhidkostiami pri rezanii metallov; materialy. Moskva, Vystavka dostizhenii narodnogo khoz. SSSR, 1961. 83 p.

SERGEEVA, V. N. and G. E. DOMBURG. [Formation of furfurole and methods for its production] Obrazovanie furfurola i metody ego polucheniia. Pod red. A. I. Kalnin'sha. Riga, Izd-vo Akad. nauk Latviiskoi SSR, 1962. 83 p.

SERGEICHUK, M. M. [Operation, maintenance and repair of shields for grain cars] Ekspluatatsiia i remont khlebnykh shchitov. Moskva, Transzheldorizdat, 1962. 22 p.

SHADRICHEV, V. A. [Selecting an efficient method for the reconditioning of motor-vehicle parts by metal coating] Osnovy vybora ratsional'nogo sposoba vosstanovleniia avtomobil'nykh detalei metallopokrytiiami. Moskva, Mashgiz, 1962. 295 p.

SHAIOVICH, L. L. [Specialization and cooperation in forging and sheet-metal work] Spetsializatsiia i kooperirovanie kuznechno-shtampovochnogo proizvodstva. Moskva, Mashgiz, 1962. 142 p.

SHAKHTSPETSSTROI, trust. [Guide to the assembly and operation of ammonia refrigerating equipment for rock freezing] Rukovodstvo po montazhu i ekspluatatsii oborudovaniia ammiachnykh kholodil'nykh ustanovok dlia zamorazhivaniia gornykh porod. Moskva, Gosgortekhizdat, 1962. 146 p.

SHAPIROVSKII, N. L., and R. M. GADZHIEV. [Geophysical prospecting at sea] Morskaia geofizicheskaia razvedka. Baku, Azerbaidzhanskoe gos. izd-vo, 1962. 154 p.

SHAVLIUGA, N. I. [Mechanization and automation of gear-cutting operations] Mekhanizatsiia i avtomatizatsiia v zuboreznom dele. Pod obshchei red. N. I. Kolchina. Izd. 2. Moskva, Mashgiz, 1962. 91 p. (Bibliotechka zubореza, no. 8)

SHCHEGLOV, I. M. [Continuous grinding of fibrous raw materials] Nepreryvnyi razmol voloknistogo syr'ia. Moskva, Gosstroiizdat, 1962. 170 p.

SHEIKO, V. P. [Antennas for amateur radio transmitters] Antenny liubitel'skikh radiostantsii. Moskva, DOSAAF, 1962. 123 p.

SHEPSENVOL, A. I. [Auxiliary tools used in the manufacture of instruments] Vspomogatel'nyi instrument v priborostroenii. Moskva, Mashgiz, 1962. 179 p.

SHIPILOV, I. F. [Life given for the future] Zhizn', otdannaia budushchemu. Izd. 2., perer. i dop. Moskva, Voenizdat, 1962. 228 p.

SHIT'KO, A. I. [New developments in the finishing of large-panel houses] Novoe v otdelke krupnopanel'nykh domov. [Moskva] Mosk. rabochii, 1962. 61 p. (Sbornik obmenivaiutsia opytom)

SHMAKOV, A. T. [Operation of cranes on pneumatic tires] Rabota na pnevmokolesnykh kranakh. Moskva, Gosstroiizdat, 1962. 203 p.

SHOR, IA. B. [Statistical methods for the analysis and control of quality and reliability] Statisticheskie metody analiza i kontrolia kachestva i nadezhnosti. Moskva, Sovetskoe radio, 1962. 552 p.

SHTEKHER, M. S., ed. [Working processes of heat engines] Rabochie protsessy teplovykh dvigatelei. Moskva, Oborongiz, 1962. 134 p.

SHUL'MAN, E. F. [Line production in the machinery and instrument industries] Potochnoe proizvodstvo v mashinostroenii i priborostroenii, iz opyta zavodov s serinym proizvodstvom. Moskva, Mashgiz, 1962. 222 p.

SHUMILO, I. A., N. L. VEGERA, and V. M. VOLKOV. [D6 diesel engines; design, assembly and operation] Dizeli tipa D6, ustroistvo, montazh i ekspluatatsiia. Moskva, Mashgiz, 1962. 291 p.

SILKIN, A. N. [Maintenance and repair of a motorcycle] Tekhnicheskoe obsluzhivanie i remont mototsikla. Moskva, Izd-vo DOSAAF, 1961. 182 p.

SIROTKIN, M. P. [Handbook on geodesy for builders] Spravochnik po geodezii dlia stroitelei. Moskva, Geodezizdat, 1962. 279 p.

SKOBA, N. D., and V. G. POLOZHENKO. [Rapid drifting in hard rocks] Skorostnoe provedenie gorizontal'nykh vyrabotok v krepkikh porodakh. Moskva, Gosgortekhizdat, 1962. 142 p.

SKRIPKIN, V. V., and S. V. NEKRUTMAN. [Electric equipment of refrigerator cars] Elektrooborudovanie izotermicheskogo podvizhnogo sostava. Moskva, Transzheldorizdat, 1962. 294 p.

SLUTSKAIA, V. V. [Thin films in ultrahigh-frequency technique] Tonkie plenki v tekhnike sverkhvysokikh chastot. Moskva, Gosenergoizdat, 1962. 398 p.

SMELIANSKII, M. IA. [Design of electrothermic plants] Proektirovanie elektrotermicheskikh ustanovok. Moskva, Gosenergoizdat, 1962. 182 p.

SMIRNOV, S. S. [Ore deposits and metallogeny of eastern regions of the U. S. S. R.] Rudnye mestorozhdeniia i metallogeniia vostochnykh raionov SSSR. Moskva, Izd-vo Akad. nauk SSSR, 1962. 357 p.

SMIRNOVA, R. S., and O. I. GUSAROVA. [Pattern design for three (small, medium and large) sizes of women's dressmaker-type clothing] Konstruirovanie legkogo zhenskogo platiia na tri polnoty. Leningrad, 1962. 43 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Seriia: Shveinaia promyshlennost')

SOLOVEICHIK, M. M. [Building sectional rafts with a sectional log framework and a border cable around the raft] Formirovanie sektsionnykh plotov v oplotnike s bortovymi lezhniami. Moskva, Goslesbumizdat, 1956. 22 p.

SOLOV'EV, IU. P. [Heat calculations of industrial steam-turbine electric power plants] Teplovye raschety promyshlennykh parotурbinnykh elektricheskikh stantsii. Moskva, Gosenergoizdat, 1962. 167 p.

SORIN, IU. N., ed. [Krasnyi Aksay, from the history of the M. V. Frunze Rostov Plant of Agricultural Machinery] Krasnyi Aksai; iz istorii Rostovskogo zavoda sel'skokhoziaistvennogo mashinostroeniia imeni M. V. Frunze. [Rostov-na-Donu] Rostovskoe knizhnoe izd-vo, 1962. 150 p. (Istoriia fabrik i zavodov Dona)

SOROKIN, K. F., R. N. BLASHKEVICH, and A. L. MIATLEVA. [Kitchens, bathrooms, and built-in furniture; examples from abroad] Kukhni, sanitarnye uzly i vstroennaia mebel', zarubezhnyi opyt. Moskva, Gosstroiizdat, 1962. 148 p.

SPERANSOV, N. N. [Use of petroleum products on state and collective farms] Neftekhoziaistvo sovkhozov i kolkhozov. Moskva, Sel'khozizdat, 1962. 302 p.

STARIKOVA, M. V. [Self-oscillations and slippage conditions in automatic regulation and control systems] Avtokolebaniia i skol'ziashchii rezhim v sistemakh avtomaticheskogo regulirovaniia i upravleniia. Pod red. B. N. Petrova. Moskva, Mashgiz, 1962. 191 p.

STUKALKIN, A. N., and A. I. SMIRNOV. [Pantographs for electric locomotives] Pantografy elektricheskikh lokomotivov. Moskva, Transzheldorizdat, 1962. 77 p. (Bibliotechka mashinista elektrovoza)

SVIRIDENKO, S. KH., and others. [Program control of jig-drilling machines] Programmnoe upravlenie koordinatno-sverlil'nymi stankami. Moskva, Mashgiz, 1962. 87 p.

SYSOEV, V. I. [Principles of metal cutting and metal-cutting tools] Osnovy rezaniia metallov i rezhushchii instrument. Izd. 2., perer. Moskva, Mashgiz, 1962. 311 p.

TALYSHKHANOV, K. G. [Taking the resistance of the medium into account in designing casing columns] Raschet obsadnykh kolonn s uchetom soprotivleniia sredy. Baku, Azerbaidzhanskoe gos. izd-vo, 1962. 154 p.

TATARCHENKO, A. E. [Guided missiles and rockets] Upravliaemye snariady i rakety. Moskva, Izd-vo DOSAAF, 1962. 86 p.

TATUR, G. K. [Course in the strength of materials] Kurs soprotivleniia materialov. Minsk, Izd-vo M-va vysshego, srednego spetsial'nogo i professional'nogo obrazovaniia BSSR.
Pt. 1. 1962. 230 p.

[TECHNOLOGY OF METALS] Tekhnologiia metallov. [By] N. N. Kropivnitskii i dr. Moskva, Mashgiz, 1962. 499 p.

TEMKINA, R. Z. [Rapid wood gluing by a cold method using quick-hardening carbamide resins] Uskorennoe sklеivanie drevesiny kholodnym sposobom karbamidnymi smolami bystrogo otverzhdeniia, stenogramma lektsii, prochitannoi v LDNTP dlia rabotnikov mebel'noi i derevoobrabatyvaiushchei promyshlennosti. Leningrad, 1962. 19 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Seriia: Derevoobrabatyvaiushchaia promyshlennost')

TIKHOMIROV, I. G., and others. [Traffic organization in railroad transportation] Organizatsiia dvizheniia na zheleznodorozhnom transporte; konspekt lektsii. Pod obshchei red. I. G. Tikhomirova. Minsk, Izd-vo M-va vysshego, srednego spetsial'nogo i professional'nogo obrazovaniia BSSR, 1961. 346 p.

TIMOKHIN, N. A. [Manufacture of hide glue, new techniques, overall mechanization, and automation of production] Proizvodstvo mezdrovogo kleia, novaia tekhnologiia, kompleksnaia mekhanizatsiia i avtomatizatsiia proizvodstva. Moskva, Rostekhizdat, 1962. 147 p.

TOROPOV, V. S. [Use of an "ideal" hysteresis loop of ferromagnetic materials in magnetic memory systems] Primenenie "idеal'noi" petli gisterezisa ferromagnetikov v magnitnykh zapominaiushchikh ustroistvakh. Moskva, Vychislitel'nyi tsentr AN SSSR, 1962. 32 p.

TRET'IAKOV, A. V. [Cold rolling mill potentialities] Rezervy stanov kholodnoi prokatki. Sverdlovsk, Metallurgizdat, 1962. 197 p.

TROFIMOVA, V. I., and others. [Organizing an inexpensive and fully adequate diet in restaurants] Kak organizovat' nedorogoe i polnotsennoe pitanie v stolovykh. Moskva, Gostorgizdat, 1961. 65 p.

TUGOV, I. I. [Problems in the utilization of worn-out tires, complete reclaiming by the swelling method and secondary use of polymer materials from worn-out tires] Problemy ispol'zovaniia iznoshennykh shin, kompleksnaia regeneratsiia metodom nabukhaniia i vtorichnoe ispol'zovanie polimernykh materialov iz iznoshennykh shin. Moskva, Rostekhizdat, 1962. 368 p.

TUKHVATULLIN, G. A. [Problems in the technology of the manufacture of cutting tools] Zadachnik po tekhnologii instrumental'nogo proizvodstva. Moskva, Gos. izd-vo "Vysshaia shkola," 1962. 110 p.

UBAKEEV, S. U. [Determination of the stability of the sides of pits dug in solid rock as exemplified by the Buurdu Mine] Opredelenie ustoichivosti bortov skal'nykh kar'erov; na primere Buurdinskogo rudnika Frunze, Akad. nauk Kirgizskoi SSR, 1960. 62 p.

USHAKOV, I. N. [Mining geometry; the geometry of mineral resources] Gornaia geometriia, geometriia nedr. Izd. 3., perer. i dop. Moskva, Gosgortekhizdat, 1962. 459 p.

USHAKOV, P. N., and A. G. LYSIAKOV. [Safety regulations in designing and operating hoisting cranes] Tekhnika bezopasnosti pri ustroistve i ekspluatatsii gruzopod"emnykh kranov. Moskva, Mashgiz, 1962. 217 p.

USHKALOV, V. P. [Study of the behavior of melting foundation soil and calculations for it according to the limiting deformations of structures] Issledovanie raboty proseivaiushchikh osnovanii i ikh raschet po predel'nym deformatsiiam sooruzhenii. Moskva, Izd-vo Akad. nauk SSSR, 1962. 219 p.

VAL'BERG, G. S. [Natural gas in the cement industry] Prirodnyi gaz v tsementnoi promyshlennosti. Moskva, Gosstroiizdat, 1962. 170 p.

VASHCHENKO, K. I., V. V. ZHIZHCHENKO, and A. N. FIRSTOV. [Bimetal aluminum-iron castings with diffusion bonding] Bimetallicheskie otlivki aliuminii - zhelezo s diffuzionnoi sviaz'iu. Leningrad, 1962. 25 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia. Liteinoe proizvodstvo, no. 1)

VASIL'EV, N. N., and S. F. DROBIAZKO. [Problems on the principles of electric drives] Sbornik zadach po osnovam elektroprivoda. Kiev, Gostekhizdat USSR, 1962. 223 p.

VASILEVSKII, M. N., E. S. TRAUBE, and K. G. VINSBERG. [Automatic control of mine hoists with asynchronous drive] Avtomatizatsiia shakhtnykh pod"emnykh mashin s asinkhronnym privodom. Moskva, Gosgortekhizdat, 1962. 237 p.

VENGLINSKII, V. V., and others. [Establishing technical norms in the instrument industry] Tekhnicheskoe normirovanie truda v priborostroenii; spravochnoe posobie. Moskva, Mashgiz, 1962. 511 p.

VERBITSKII, I. I. [Use and repair of motor-vehicle tires in lumbering enterprises] Ekspluatatsiia i remont avtomobil'nykh shin v usloviiakh lesozagotovitel'nykh predpriiatii. Moskva, Goslesbumizdat, 1962. 163 p.

VEROMAN, V. IU. [Oscillating systems of ultrasonic machines, verbatim report of a lecture] Kolebatel'nye sistemy ul'trazvukovykh stankov, stenogramma lektsii. Leningrad, 1962. 20 p (Leningradskii dom nauchno-tekhnicheskoi propagandy. Serila Elektricheskie metody obrabotki materialov)

VETROV, IU. A. [Resistance of soil to cutting] Soprotivlenie gruntov rezaniiu. [Kiev] Izd-vo Kievskogo univ., 1962. 78 p.

VETROV, N. I. [Operation and repair of overhead d. c. contact systems] Ekspluatatsiia i remont kontaktnoi seti postoiannogo toka. Moskva, Transzheldorizdat, 1962. 166 p

VIALOV, S. S., and others. [Stability and creep of frozen ground and calculations of ice walls] Prochnost' i polzuchest' merzlykh gruntov i raschety ledogruntovykh orgazhdenii. Moskva, Izd-vo Akad. nauk SSSR, 1962. 253 p.

VIGDORCHIK, D. IA., and P. D. MAIZEL'S [Gas-burner systems for burning liquefied gas] Gazogorelochnye ustroistva dlia szhiganiia szhizhennogo gaza. Leningrad, Gostoptekhizdat, 1962 120 p.

VIZUN, IU. I. [The (Stend "S-2") device for studying the pulse characteristics of magnetic cores] Pribor dlia izucheniia impul'snykh svoistv magnitnykh serdechnikov (Stend "S-2"). Moskva, ITM i VT AN SSSR, 1961. 32 p. (Elektronnye vychislitel'nye mashiny) [With summary in English]

VLADIMIROV, L. P. [Preventive control in industrial production] Preduprediteľnyi kontrol' v proizvodstve. Moskva, Mashgiz, 1962 135 p. (Nauchno-populiarnaia biblioteka molodogo rabochego)

VLADIMIROV, L. V. [Roads to the invisible treasure] Dorogi k nezrimomu kladu. [Moskva] Molodaia gvardiia, 1962. 126 p.

VLADIMIROV, L. V., and A. D. KLIACHKO. [The father of machines; stories about machine tools] Otets mashin; rasskazy o stankakh. Moskva, Izd-vo "Znanie," 1962. 53 p. (Novoe v zhizni, nauke, tekhnike. IV Serila: Tekhnika, no. 15)

VOL'FKOVICH, S. I [Scientific research work on the technology of phosphorus fertilizers and sulfuric acid carried out from 1956 to 1961 and immediate tasks of research, report to the All-Union Branch Conference of Workers in the Sulfuric Acid and Phosphorus Fertilizer Industries] Nauchno-issledovatel'skie raboty po tekhnologii fosfornykh udobrenii i sernoi kisloty, provedennye v 1956-1961 gg., i ocherednye zadachi issledovanii, doklad na Vsesoiuznom otraslevom soveshchanii rabotnikov promyshlennosti sernoi kisloty i fosfornykh udobrenii 23 avgusta 1961 g. v Rige. Moskva, [Laboratoriia nauchno-tekhn. informatsii] 1961. 23 p.

VOSTRIKOV, L. I., and E. I. KOZAREVSKII. [Adjustment of MAZ motortrucks] Regulirovka avtomobilei MAZ. Moskva, Avtotransizdat, 1962. 54 p.

VSESOIUZNOE SOVESHCHANIE PO IZUCHENIIU TERMITOV SSSR I RAZRABOTKE PROTIVOTERMITNYKH MEROPRIIATII 1st, Ashkhabad, 1960. [Termites and their control; papers] Termity i mery bor'by s nimi. Ashkhabad, Izd-vo Akad. nauk

VSESOIUZNYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT NOVYKH STROITEL'NYKH MATERIALOV. [Catalog of finishing materials and products] Katalog oblitochnykh materialov i izdelii. [Moskva] Gosstroiizdat, Pt. 4. [Asbestos cement] Asbestotsement. 1961. 36 p.

VSESOIUZNYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT NOVYKH STROITEL'NYKH MATERIALOV. [Manufacture of heat and sound insulation materials; present state and future development] Proizvodstvo teplo-zvukoizoliatsionnykh materialov; sostoianie i perspektivy razvitiia. [By] L. M. Shmidt i dr. Moskva, Gosstroiizdat, 1962. 1962. 145 p.

VSESOIUZNYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT PO TEKHNIKE BEZOPASNOSTI. [Instructions on safety engineering in underground repairing of wells] Instruktsiia po tekhniko bezopasnosti pri podzemnom remonte skvazhin. Moskva, Gostoptekhizdat, 1962. 29 p.

VSESOIUZNYI SEMINAR PO PRIMENENIIU RADIOAKTIVNYKH IZOTOPOV V IZMERITEL'NOI TEKHNIKE, L'vov, 1960. [Instruments for geophysical studies of wells by radioactive methods; transactions] Pribory dlia geofizicheskikh issledovanii skvazhin radioaktivnymi metodami; trudy. Kiev, Izd-vo Akad. nauk USSR, 1962. 190 p.

VUL'F, A. S., and L. A. VUL'F. [How to make furniture yourself] Kak izgotovit' mebel' samomu. Moskva, Goslesbumizdat, 1962. 42 p.

ZAIMOVSKII, A. S., V. V. KALASHNIKOV, and I. S. GOLOVNIN. [Heat-yielding elements of nuclear reactors] Teplovydeliaiushchie elementy atomnykh reaktorov. Moskva, Gosatomizdat, 1962. 369 p.

ZASHCHUK, I. V. [New nondestructive methods of testing road materials and elements] Novye metody ispytaniia dorozhnykh materialov i sooruzhenii bez razrusheniia. Moskva, Avtotransizdat, 1962. 146 p.

ZAV'IALOV, V. M., and I. E. IUDBAROVSKII. [Introduction of closed-die coining and cold extrusion at the Leningrad Phonograph Factory] Opyt vnedreniia ob"emnoi formovki i kholodnogo vydavlivaniia na Leningradskom patefonnom zavode. Leningrad, 1962 17 p (Leningradskii dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Serila Goriachaia i kholodnaia obrabotka metallov davleniem, no. 2)

ZELEN'KOV, F. D. [House on an earthquake shock absorber] Dom na seismoamortizatore. Ashkhabad, Turkmenskoe gos. izd-vo, 1961. 50 p. illus. diagrs. [MICROFILM]

ZHDANOVICH, G. M. [Theory of the pressing of metal powders and their mixtures] Nekotorye voprosy teorii prolessa pressovaniia metallicheskikh poroshkov i ikh smesei. Minsk, Redaktsionno-izdatel'skii otdel BPI im. I. V. Stalina, 1960. 97 p. [MICROFILM]

ZHDANOVSKII, N. S. and A. I. ZUEV. [Testing and running in of tractor engines without braking (under operating conditions)] Bestormoznaia proverka i obkatka traktornykh dvigatelei (v ekspluatatsionnykh uslovilakh). Leningrad, Sel'khozizdat, 1962. 53 p. (DNAL)

ZHUKOVA, V. N., and P. D. KHINSKII. [Relaxation resistance of perlitic structural steel for fasteners, practices of the Kirov Plant in Leningrad] Relaksatsionnaia stoikost' konstruktsionnykh stalei perlitnogo klassa dlia krepezhnykh detalei; opyt Leningradskogo Kirovskogo zavoda. Leningrad, 1962. 29 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Serila. Metallovedenie i termicheskaia obrabotka, no. 3)

ZOTOV, K. G. and M. M. KIRILOV. [Signaling and telecommunication devices and their use] Ustroistva STsB i sviazi i ikh ispol'zovanie. Izd. 2., perer. i dop. Moskva, Transzheldorizdat, 1962. 283 p.

ZOTOV, V. S. [At the start of the space age; in K. E. TSiolkovskii's Museum] U istoka kosmicheskoi ery; v Dome-muzee K. E. TSiolkovskogo. [Kaluga] Kaluzhskoe knizhnoe izd-vo, 1962. 170 p.

17. MILITARY & NAVAL SCIENCES

DATOV, P. I. [In campaigns and battles] V pokhodakh i bolakh. Moskva, Voenizdat, 1962. 300 p. (Voennye memuary)

[CIVIL DEFENSE; a manual] Grazhdanskaia oborona; uchebnoe posobie. [By] P. T. Egorov i dr. Moskva, Vysshaia shkola, 1962. 363 p.

[DESIGNS OF GAS-TURBINE PLANTS] Konstruktsii gazoturbinnykh ustanovok; opisanie. [By] N. F. Galitskii i dr. Leningrad, Sudpromgiz, 1962. 163 p.

DOLGOLENKO, P. V., and B. P. RUSEIKIN. [Marine engineering and ship repairs] Tekhnologiia sudovogo mashinostroeniia i sudoremonta. Moskva, Izd-vo "Rechnoi transport."
Pt. 1. [Marine engineering] Tekhnologiia sudovogo mashinostroeniia. 1962. 343 p

DOLINSKII, P. A. [Centering the movement of marine diesel engines] TSentrovka dvizhenila sudovykh dizelei. Izd. 3., perer. i dop. Moskva, Izd-vo "Morskoi transport," 1962. 227 p.

[FACT BOOK ON SUBVERSIVE ACTIVITY OUT OF BERLIN DIRECTED AGAINST THE SOCIALIST COUNTRIES; Moscow, Sofia, Berlin, Warsaw, Bucharest, Prague] Kniga faktov o podryvnoi deiatel'nosti iz Zapadnogo Berlina protiv sotsialisticheskikh stran; Moskva, Sofiia, Budapesht, Berlin, Varshava, Bukharest, Praga. Moskva, Gospolitizdat, 1962 199 p.

FARKHADOV, A. A. [Cathodic protection of steel structures against corrosion in sea water] Katodnaia zashchita ot korrozii stal'nykh sooruzhenii v morskoi vode. Moskva, Gostoptekhizdat, 1962. 249 p.

GERASIMOV, V. N., and V. F. DROBLENKOV [Submarine boats of imperialist countries] Podvodnye lodki imperialisticheskikh gosudarstv. Izd. 2., dop. Moskva, Voenizdat, 1962. 301 p. (Offseru VMF)

GORDEEV, N. P. [Camouflage at sea; practice in foreign navies] Maskirovka na more, po opytu inostrannykh flotov. Moskva, Voenizdat, 1962. 86 p. (Za voenno-tekhnicheskie znanila)

KARPOVICH, V. A. [Controllable pitch propellers on fishing vessels] Grebnye vinty reguliruemogo shaga na promyslovykh sudakh Moskva, Rybnoe khoziaistvo, 1962. 81 p (Rybopromyslovyi flot)

KICHKA, V. E. [Infrared rays in military affairs] Infrakrasnye luchi v voennom dele. Moskva, Voenizdat, 1962. 175 p.

KOITKH, B. L., G. A. MITROKHIN, and A. V. NEMTSEV. [New welding processes in ship repairs] Novye tekhnologicheskie protsessy svarki v sudoremonte. Moskva, Izd-vo "Morskoi transport," 1962. 55 p.

KOROBEINIKOV, M. P. [Psychology for the sergeant] Serzhantu o psikhologii. Moskva, Voenizdat, 1962. 100 p. (Biblioteka serzhanta)

KURIAEV, T. A., and M. IA. CHERNENOK. [Manual for operators of motorboats and launches] Posobie voditeliu motornoi lodki i katera. Moskva, Izd-vo "Rechnoi transport," 1962. 210 p.

KUT'IN, L. I., and A. D. KOZEV. [Marine stream engines] Sudovye parovye mashiny. Leningrad, Izd-vo "Morskoi transport," 1962. 302 p.

LOKSHIN, V. S., comp. [Heroes of peaceful days sketches] Geroi mirnykh dnei; ocherki. Moskva, Voen. izd-vo.
Vol. 2. 1961
(NNC)

LUKIN, G. IA. [Steam turbines on modern seagoing ships] Parotur binnye ustanovki sovremennykh morskikh sudov Moskva, "Morskoi transport," 1962. 229 p.

LYZLOV, S. L. [New developments in invention and innovation in the merchant marine] Novoe v rabote po izobretatel'stvu i ratsionalizatsii na morskom flote. Moskva, Izd-vo "Morskoi transport," 1962. 49 p. (Biblioteka obmena opytom na morskom transporte)

OKERBLOM, N. O. [Combination welded structures] Kombinirovannye svarnye konstruktsii. Leningrad, Sudpromgiz, 1962. 98 p

OVSIANKO, D. M. [Educational role of the military courts of honor] Vospitatel'naia rol' ofitserskikh tovarishcheskikh sudov chesti. Moskva, Voenizdat, 1962. 77 p.

PAVLOV, N. G. [Armed forces of NATO] Vooruzhennye sily NATO. Leningrad, Ob-vo po rasprostraneniiu polit. i nauchn. znanii RSFSR, 1959. 41 p.
(NNC)

PERESYPKIN, I. T. [Military radio communications] Voennaia radiosviaz'. Moskva, Voenizdat, 1962. 299 p.

PIROGOV, P. P. [A great exploit is continued; the glorious deeds of sappers of the Leningrad Military District] Podvig prodolzhaetsia; o slavnykh delakh saperov Leningradskogo voennogo okruga. [Leningrad] Lenizdat, 1962. 70 p.

RAKOVSKII, L. I. [Kutuzov; a novel] Kutuzov; roman. Moskva, Voenizdat, 1962. 670 p.

ROMANENKO, L. L., and L. S. SHCHERBAKOV. [Motorboat, manual for amateurs] Motornaia lodka, posobie dlia liubitelei 2., izpr. i dop. izd. Leningrad, Sudpromgiz, 1962. 338 p.

RUSSIA (1923- U. S. S. R.) Armiia. Shtab inzhenernykh voisk. [Instructions for engineer troops; field fortification (PF-43)] Nastavlenie dlia inzhenernykh voisk; polevaia fortifikatsiia (PF-43). [n. p] Voen. izd-vo Narodnogo komissariata oborony.
Pt. 2. [Fortified installations] Fortifikatsionnye sooruzheniia. 1946. 362 p.

SELIVERSTOV, V. M., and K. T. VITIUK. [Automatic control of marine auxiliary and waste heat boilers] Avtomaticheskoe regulirovanie sudovykh vspomogatel'nykh i utilizatsionnykh kotlov. Pod red. S. A. Antonovicha. Leningrad, Izd-vo "Rechnoi transport," 1962. 127 p.

SMIRNOV, N A., and L F ZLATOVERKHOVNIKOV. [Improving the technical operation of hydraulic structures in harbors] Uluchshenie tekhnicheskoi ekspluatatsii portovykh gidrotekhnicheskikh sooruzhenii. Moskva, Izd-vo "Morskoi transport," 1962. 90 p.

STUDENNIKOV, I. I. [Soldier's happiness] Schast'e soldata. Moskva, Voenizdat, 1962. 79 p.

SYSOEV, V. I. [Work practices of the Tuapse sea harbor] Opyt raboty Tuapsinskogo morskogo porta. Moskva, Izd-vo "Morskoi transport," 1962. 56 p. (Biblioteka po obmenu opytom na morskom transporte)

PART B—PERIODICALS

An asterisk (*) appearing before a periodical title indicates that it is available in full English translation. For publishers of such translated periodicals, their subscription prices, etc., see listing at end of this issue.

1. GENERAL

a. SCHOLARLY JOURNALS

AKADEMIIA NAUK AZERBAIDZHANSKOI SSR, Baku. Izvestiia. Seriia fiziko-matematicheskikh i tekhnicheskikh nauk [ACADEMY OF SCIENCES OF THE AZERBAIJAN S.S.R. Bulletin, Series in the Physical, Mathematical, and Technological Sciences]. Baku, no. 3, 1962.

AKADEMIIA NAUK AZERBAIDZHANSKOI SSR, Baku. Izvestiia. Seriia obshchestvennykh nauk [ACADEMY OF SCIENCES OF THE AZERBAIJAN S.S.R. Bulletin. Series in the Social Sciences]. Baku, no. 11, 1961.

AKADEMIIA NAUK GRUZINSKOI SSR, Tiflis. Soobshcheniia [ACADEMY OF SCIENCES OF THE GEORGIAN S.S.R. Reports]. Tiflis, vol. 29, no. 4, 1962. [In Georgian]

AKADEMIIA NAUK KAZAKHSKOI SSR, Alma-Ata. Vestnik [ACADEMY OF SCIENCES OF THE KAZAKH S.S.R. Journal]. Alma-Ata, vol. 18, no. 6(207), June 1962.

AKADEMIIA NAUK KIRGIZSKOI SSR, Frunze. Izvestiia. Seriia estestvennykh i tekhnicheskikh nauk [ACADEMY OF SCIENCES OF THE KIRGHIZ S.S.R. Bulletin. Series in the Natural and Technological Sciences]. Frunze, vol. 3, no. 5, 1961.

AKADEMIIA NAUK KIRGIZSKOI SSR, Frunze. Izvestiia. Seriia obshchestvennykh nauk [ACADEMY OF SCIENCES OF THE KIRGHIZ S.S.R. Bulletin. Series in the Social Sciences]. Frunze, vol. 2, no. 4, 1960.

AKADEMIIA NAUK MOLDAVSKOI SSR. Izvestiia [ACADEMY OF SCIENCES OF THE MOLDAVIAN S.S.R. Bulletin]. Kishinev, no. 1, 1962.

AKADEMIIA NAUK SSSR. Vestnik [ACADEMY OF SCIENCES OF THE U.S.S.R. Journal]. Moscow, vol. 32, no. 9, Sep. 1962.

AKADEMIIA NAUK SSSR. Karel'skii filial. Petrozavodsk. Trudy [ACADEMY OF SCIENCES OF THE U.S.S.R. Karelian Branch. Transactions]. Petrozavodsk,

LENINGRAD. UNIVERSITET. Vestnik [UNIVERSITY Review]
Vol. 17, no. 16, 1962. Seriia fiziki i khimii [Series in Physics and Chemistry], no. 3.
Vol. 17, no. 17, 1962. Seriia ekonomiki, filosofii i prava [Series in Economics, Philosophy, and Law], no. 3.

RIGA. UNIVERSITATE. Zinatniskie raksti. Uchenye zapiski Latvijskogo gosudarstvennogo universiteta [UNIVERSITY Studies]. Vols. 30, 33, 1959, 1960.

SAMARKAND. UZBEKSKII GOSUDARSTVENNYI UNIVERSITET. Trudy [UZBEK STATE UNIVERSITY. Transactions]. No. 112, 1961.

TARTU. ULIKOOL. Toimetised. Uchenye zapiski Tartuskogo gosudarstvennogo universiteta [UNIVERSITY. Studies]. No. 102, 1961, Trudy po matematike i mekhanike [Works in Mathematics and Mechanics], vol. 2. No. 104, 1961, Trudy po russkoi i slavianskoi filologii [Works in Russian and Slavic Philology], vol. 4. No. 106, 1961, Trudy po fizicheskoi kul'ture [Works in Physical Education], vol. 1

YAROSLAVL. GOSUDARSTVENNYI PEDAGOGICHESKII INSTITUT. Uchenye zapiski [STATE PEDAGOGICAL INSTITUTE. Studies]. No. 34, 1960.

YELABUGA. GOSUDARSTVENNYI PEDAGOGICHESKII INSTITUT. Uchenye zapiski [STATE PEDAGOGICAL INSTITUTE. Studies]. Vol. 12, 1962.

b. POPULAR MAGAZINES

AZIIA I AFRIKA SEGODNIA [ASIA AND AFRICA TODAY] Issued by Institut narodov Azii and Institut Afriki Akademii nauk SSSR [Institute of the Peoples of Asia and the Institute of Africa of the Academy of Sciences of the U.S.S.R.] Moscow, no. 9, Sep. 1962.

BARVINOK [PERIWINKLE]. Issued by TSentral'nyi komitet Leninskoi komunisticheskoi soiuzu molodi Ukrainy and Respublikans'ka rada Vsesoiuznoi pionerskoi organizatsii imeni V.I. Lenina [Central Committee of the Ukrainian Communist Youth of Lenin and the Republic Council of the All-Union Lenin Pioneers]. Kiev, no. 11, Nov. 1962.

RUSSIA]. Minsk, vol. 19, Aug.-Sep. 1962.

PLE BIRCH]. Issued by TSentral'ny komunistychnaha saiuza moladzi blikanki Savet pilanerskai arganizatsiia [Central Committee of the munist Youth League of Lenin and il of Lenin Pioneers]. Minsk, 1962.

Riga, no. 19(139), 1962. [In

FORWARD TOGETHER]. Issued o komjaunimo sajungos Centro l Committee of the Lenin Commu- of Lithuania]. Vilnius, no. 10 [In Lithuanian]

satiricheskii zhurnal [TRAP; Magazine]. Cheboksary, vol. 22, 9)-19(412), June, Aug.-Oct. 1962.

KHORPUSHTAK [HEDGEHOG]. Dushanbe, no. 9(112), Sep 1962. [In Tajik]

KIRPI [HEDGEHOG]. Baku, no. 9/10(237/238), May 1962. [In Azerbaijani]

KITAI [CHINA]. Published by Izdatel'stvo literatury na inostrannykh iazykakh [Publishing House for Literature in Foreign Languages] Peiping, no. 10, 1962

KOREIA [KOREA]. Pyongyang, no 8(73), 1962.

KOSTER [CAMP FIRE]. Issued by TSentral'nyi komitet Vsesoiuznogo leninskogo kommunisticheskogo soiuza molodezhi [Central Committee of the All-Union Communist Youth League of Lenin] and others. Leningrad, no. 9, Sep. 1962.

KROKODIL [CROCODILE]. Issued by gazeta [Newspaper] "Pravda." Moscow, vol. 41, nos. 27(1077)-29(1079), Sep.-Oct. 1962.

KULTUUR JA ELU [CULTURE AND LIFE]. Issued by Eesti NSV Kultuuriministeerium and Eesti NSV Ametiühingute Nõukogu [Ministry of Culture of the Estonian S.S.R. and the Council of Trade Unions of the Estonian S.S.R.]. Tallinn, vol. 5, no. 10, Oct 1962. [In Estonian]

LIESMA [FLAME]. Issued by Latvijas LKJS Centrala komiteja [Central Committee of the Lenin Communist Youth League of Latvia]. Riga, no. 10, Oct. 1962. [In Latvian]

MOKSLEIVIS [THE STUDENT]. Issued by Lietuvos Lenino komjaunimo sajungos Centro komitetas and LTSR švietimo ministerija [Central Committee of the Lenin Communist Youth League of Lithuania and the Ministry of Education of the Lithuanian S.S.R.]. Vilnius, no 10(58), 1962. [In Lithuanian]

MURZILKA [TINY TOT] Issued by TSentral'nyi komitet Vsesoiuznogo leninskogo kommunisticheskogo soiuza molodezhi and TSentral'nyi sovet Vsesoiuznoi pionerskoi organizatsii imeni V.I. Lenina [Central Committee of the All-Union Communist Youth League of Lenin and the Central Council of the V.I. Lenin All-Union Pioneer Organization]. Moscow, no 10, Oct. 1962.

MUSHTUM [PUNCH]. Tashkent, vol 40, nos. 18(636)-19(637), Sep.-Oct. 1962. [In Uzbek]

NARODNAIA RUMYNIIA [PEOPLE'S RUMANIA]. Bucharest, no. 10, Oct. 1962.

NOVAIA KOREIA [NEW KOREA]. Published by Izdatel'stvo literatury na inostrannykh iazykakh [Foreign-Language Publishing House]. Pyongyang, nos 8(173)-9(174), 1962.

NOVOSTI KOREI [NEWS OF KOREA]. Issued by TSentral'noe telegrafnoe agentstvo Korei [Central Telegraph Agency of Korea] Pyongyang, vol. 5, no 22-24, Aug.-Sep 1962

OTVETY NA VOPROSY TRUDIASHCHIKHSIA [REPLIES TO WORKERS' QUESTIONS]. Moscow, no. 6(139), June 1962.

PERETS' [PEPPER]. Issued by Vydavnytstvo [Publishing House] "Radians'ka Ukraina." Kiev, vol. 2?, no. 20(487), Oct. 1962

PILT JA SONA [PICTURE AND WORD]. Tallinn, no. 10(196), Oct. 1962. [In Estonian]

PIONEER [PIONEER]. Issued by ELKNU Keskkomitee and Eesti NSV Pioneerorganisatsiooni Nõukogu [Central Committee of the Lenin Communist Youth League of Estonia and the Council of the Pioneers of the Estonian S.S.R.]. Tallinn, vol. 20, no. 10 (240), Oct. 1962. [In Estonian]

PIONER [PIONEER] Erivan, nos 8-10, Aug.-Oct. 1962. [In Armenian]

PIONER [PIONEER] Issued by TSentral'nyi komitet Vsesoiuznogo Leninskogo kommunisticheskogo soiuza molodezhi and TSentral'nyi sovet Vsesoiuznoi pionerskoi organizatsii imeni V. I. Lenina [Central Committee of the All-Union Communist Youth League of Lenin and the Central Council of the All-Union Lenin Pioneers] Moscow, vol. 39, no. 10, Oct. 1962.

PIONERIIA [PIONEERS] Issued by TSentral'nyi komitet Leninskoho Komunistychnoho soiuzu molodi Ukrainy and Respublikans'ka Rada Vsesoiuznoi pionerskoi organizatsii imeni V. I. Lenina [Central Committee of the Ukrainian Communist Youth League of Lenin and the Republic Council of the All-Union Lenin Pioneers] Kiev, vol. 10, no. 11(108), Nov. 1962.

POL'SHA [POLAND]. Warsaw, no. 10(98), 1962

RABOCHE-KRESTIANSKII KORRESPONDENT [WORKERS' AND PEASANTS' CORRESPONDENT] Published by Izd-vo [Publishing House] "Pravda" Moscow, no. 10, Oct. 1962

RODNYE DALI [BELOVED VISTAS] Hollywood, Calif., vol. 9, no. 104, Nov. 1962

SHMEL' [BUMBLEBEE] Alma-Ata, vol. 7, no. 10, Oct. 1962.

SLUOTA [THE BROOM]. Issued by Lietuvos komunistu partijos Centro komitetas [Central Committee of the Communist Party of Lithuania], Vilnius, no. 19(104), Oct. 1962 [In Lithuanian]

SVYTURYS [THE LIGHTHOUSE] Vilnius, vol. 14, nos. 18(328)-19(329), Sep.-Oct. 1962. [In Lithuanian]

TAHEKE [THE LITTLE STAR]. Issued by ELKNU Keskkomitee and ENSV Pioneeriorganisatsiooni Noukogu [Central Committee of the Lenin Communist Youth League of Estonia and the Council of the Pioneers of the Estonian S. S. R.]. Tallinn, no. 10, 1962. [In Estonian]

TOCHIKISTON [TAJIKISTAN]. Dushanbe, vol. 7, no. 9, Sep. 1962. [In Tajik]

UKRAINS'KE TOVARYSTVO DRUZHBY I KUL'TURNOHO ZV'IAZKU Z ZARUBIZHNYMY KRAINAMY Poradians'kii Ukraini, fotokhronika [UKRAINIAN SOCIETY FOR FRIENDSHIP AND CULTURAL RELATIONS WITH FOREIGN COUNTRIES. Through Soviet Ukraine, photo report]. Kiev, no. 8, 1962.

URAL'SKII SLEDOPYT [URAL PATHFINDER]. Issued by Sverdlovskoe otdelenie Soiuza pisatelei and Sverdlovskii obkom VLKSM [Sverdlovsk Branch of the Association of Writers and the Sverdlovsk Province Committee of the All-Union Communist Youth League of Lenin]. Sverdlovsk, vol. 5, no. 9, Sep. 1962.

V'ETNAM [VIETNAM]. Hanoi, Vietnam, no. 9 (60), 1962.

VOZHYK [HEDGEHOG]. Minsk, vol. 22, nos 18(544)-19(545), Sep.-Oct. 1962.

VSESVIT. THE WORLD. Issued by Spilka pys'mennykiv Ukrainy and Ukrains'ke tovarystvo druzhby i kul'turnoho zv'iazku z zarubizhnymy krainamy [Association of Writers of the Ukraine and the Ukrainian Society for Friendship and Cultural Relations with Foreign Countries]. Kiev, vol. 5, no. 10(52), Oct. 1962.

VYZVOL'NYI SHLIAKH [LIBERATION PATH]. London, vol. 9(15), no. 10/104(178), Oct. 1962.

ZHIZN' SLEPYKH [LIFE OF THE BLIND]. Organ of TSentral'noe pravlenie Vsesoiuznogo obshchestva slepykh [Central Administration of the All-Russian Society of the Blind]. Moscow, vol. 39, no. 9, Sep. 1962.

ZVAIGZNE [THE STAR]. Riga, vol. 13, nos. 18(292)-19(293), Sep.-Oct. 1962. [In Latvian]

2. BIBLIOGRAPHY

a. BIBLIOGRAPHY

ARTIKLITE JA RETSENSIOONIDE KROONIKA; Eesti NSV perioodilistes valjaannetes ja kogutsoides avaldatud artiklite ja retsensioonide riiklik analuutiline bibliograafia, teistes liiduvabariikides ilmunudkiri andust Eesti NSV kohta [CHRONICLE OF ARTICLES AND REVIEWS, State Analytical Bibliography of Articles and Reviews Published in the Periodicals and Serials of the Estonian S.S.R., Literature on the Estonian S.S.R., Published in Other Union Republics] Issued by Eesti NSV Raamatupalat Eesti NSV Riikliku Raamatukogu juures. [Book Chamber of the Estonian S.S.R., Attached to the State Library of the Estonian S.S.R.]. Tallin, nos 7-8, July-Aug. 1961 [publ. 10a1-1962]

INFORMATSIONNYI UKAZATEL' BIBLIOGRAFICHESKIKH SPISKOV I KARTOTEK, SOSTAVLENNYKH BIBLIOTEKAMI SOVETSKOGO SOIUZA [INFORMATION INDEX OF BIBLIOGRAPHICAL LISTS AND CARD FILES, COMPILED BY THE LIBRARIES OF THE SOVIET UNION] Issued by Gosudarstvennaia biblioteka SSSR [State Library of the U.S.S.R.]. Moscow, vol. 6, no. 10, Sep. 1962

KNIZHNAIA LETOPIS' [BOOK CHRONICLE]. Issued by Vsesoiuznaia knizhnaia palata [All-Union Book Chamber]. Moscow, nos 40-43, 1962

——— Popolnitel'nyi vypusk [Supplementary Issue], no. 9, 1962

KNYZHKOVA PALATA UKRAINS'KOI RSR. Ukrains'ka RSR u vydavnitstvakh respublik Radians'koho Soiuzu; bibliografiia [BOOK CHAMBER OF THE UKRAINIAN S.S.R. Ukrainian S.S.R. in the Publications of the Republics of the Soviet Union; Bibliography] Kharkov, vol. 2, no. 1 1957

LETOPIS' ZHURNAL'NYKH STATEI [CHRONICLE OF PERIODICAL ARTICLES]. Published by Vsesoiuznaia knizhnaia palata [All-Union Book Chamber]. Moscow, nos 38-41, 1962

MOSCOW. PUBLICHNAIA BIBLIOTEKA. Informatsionnyi biulleten' novykh inostrannykh knig, postupivshikh v Biblioteku imeni V. I. Lenina. Seriia 1. Fiziko-matematicheskie, khimicheskie i geologo-geograficheskie nauki; tekhnika i tekhnicheskie nauki [PUBLIC LIBRARY. Information Bulletin of New Foreign Books, Received by the Lenin Library. Series 1: Physical, Mathematical, Chemical, Geological, and Geographical Sciences; Technology and Technological Sciences]. Vol. 7, nos. 28-29, Oct. 1962

MOSCOW. PUBLICHNAIA BIBLIOTEKA. Informatsionnyi biulleten' novykh inostrannykh knig, postupivshikh v Biblioteku imeni V. I. Lenina. Seriia 2. Biologicheskie, meditsinskie i sel'skokhoziaistvennye nauki [PUBLIC LIBRARY. Information Bulletin of New Foreign Books, Received by the Lenin Library. Series 2 Biological, Medical, and Agricultural Sciences]. Vol. 7, nos. 27-28, Oct. 1962

MOSCOW. PUBLICHNAIA BIBLIOTEKA. Informatsionnyi biulleten' novykh inostrannykh knig, postupivshikh v Biblioteku imeni V. I. Lenina. Seriia 3. Obshchestvennye nauki, khudozhestvennaia literatura, [PUBLIC LIBRARY. Information Bulletin of New Foreign Books, Received by the Lenin Library. Series 3. Social Sciences, Belles-Lettres, Art] Vol. 5, nos. 27-29, Oct. 1962

NOVAIA LITERATURA PO CHEKHOSLOVAKII [NEW LITERATURE ON CZECHOSLOVAKIA]. Issued by Fundamental'naia biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 3/4, 1962.

NOVAIA SOVETSKAIA I INOSTRANNAIA LITERATURA PO STRANAM ZARUBEZHNOGO VOSTOKA [NEW SOVIET AND FOREIGN LITERATURE ON THE COUNTRIES OF THE NON-SOVIET EAST]. Issued by Fundamental'naia biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 5, 1962.

NOVYE KNIGI [NEW BOOKS]. Issued by Vsesoiuznaia knizhnaia palata [All-Union Book Chamber]. Moscow, nos. 44-45, Oct.-Nov. 1962.

NOVYE KNIGI ZA RUBEZHOM. Seriia V: Biologiia, meditsina, sel'skoe khoziaistvo [NEW FOREIGN BOOKS. Series V: Biology, Medicine, Agriculture]. Published by Izdatel'stvo inostrannoi literatury [Publishing House of Foreign Literature]. Moscow, no. 10, Oct. 1962.

NOVYE KNIGI ZA RUBEZHOM PO OBSHCHESTVENNYM NAUKAM, ekonomika, filosofiia, istoriia, mezhdunarodnye otnosheniia [NEW FOREIGN BOOKS ON THE SOCIAL SCIENCES, Economics, Philosophy, History, International Relations] Published by Izdatel'stvo inostrannoi literatury [Publishing House of Foreign Literature] Moscow, vol. 5, no. 10, Oct. 1962

SVODNYI BIULLETEN' NOVYKH INOSTRANNYKH KNIG, POSTUPIVSHIKH V BIBLIOTEKI SSSR. Seriia B Obshchestvennye nauki [UNION LIST OF NEW FOREIGN BOOKS RECEIVED BY THE LIBRARIES OF THE U.S.S.R. Series B Social Sciences] Moscow, no. 9(59)/10(60), 1961

V MIRE KNIG [IN THE WORLD OF BOOKS]. Organ of Ministerstva kul'tury SSSR i RSFSR [Ministries of Culture of the U.S.S.R. and the R.S.F.S.R.]. Moscow, vol. 2, no. 9, Sep. 1962.

b. LIBRARIES & LIBRARY SCIENCE

BIBLIOTEKAR' [THE LIBRARIAN] Organ of Ministerstvo kul'tury RSFSR [Ministry of Culture of the R.S.F.S.R.]. Moscow, nos. 9-10, Sep.-Oct. 1962

MOSCOW. PUBLICHNAIA BIBLIOTEKA. Otdel detei i iunoshestkoi literatury, Chital'nyi zal dlia detei i iunoshestva [PUBLIC LIBRARY. Department of Children's and Young People's Literature, Reading Room for Children and Young People] No. 1, 1961

c. PRINTING & THE BOOK TRADE

KNIGA; issledovaniia i materialy [THE BOOK, Studies and Papers]. Issued by Vsesoiuznaia knizhnaia palata [All-Union Book Chamber]. Moscow, vol. 6, 1962.

MOSCOW. POLIGRAFICHESKII INSTITUT. Nauchnye trudy [MOSCOW PRINTING INSTITUTE. Studies] No. 14, 1961.

POLIGRAFICHESKOE PROIZVODSTVO [PRINTING INDUSTRY]. Organ of Ministerstvo kul'tury SSSR [Ministry of Culture of the U.S.S.R.]. Moscow, no. 9, Sep. 1962

RASPROSTRANENIE PECHATI [DISTRIBUTION OF PUBLICATIONS]. Issued by Glavnoe upravlenie Soiuzpechati Ministerstva sviazi SSSR [Main Administration for the Distribution of Printed Matter of the Ministry of Communications of the U.S.S.R.]. Moscow, nos. 7, 9, July, Sep. 1962

REFERATIVNYI ZHURNAL. OTDEL'NYI VYPUSK 37 OBORUDOVANIE I TI KINOLOGIIA POLIGRAFICHESKOGO PROIZVODSTVA [JOURNAL OF ABSTRACTS SEPARATE ISSUE 37 EQUIPMENT AND TECHNOLOGY OF THE PRINTING INDUSTRY]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, nos. 18-20, Sep.-Oct. 1962.

3. PHILOSOPHY & RELIGION

a. PHILOSOPHY

RUSSIA (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Nauchnye doklady vysshei shkoly. Filosofskie nauki [Ministry of Higher and Secondary Specialized Education. Research Papers of Higher Schools; Philosophical Sciences]. Moscow, vol. 5, no. 3, 1962.

VOPROSY FILOSOFII [PROBLEMS OF PHILOSOPHY]. Issued by Institut filosofii Akademii nauk SSSR [Institute of Philosophy of the Academy of Sciences of the U.S.S.R.]. Moscow, vol. 16, no. 9, 1962.

b. RELIGION

NAUKA I RELIGIIA [SCIENCE AND RELIGION]. Issued by Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii [All-Union Society for the Dissemination of Political and Scientific Knowledge]. Moscow, nos. 6, 9, June, Sep. 1962.

ORTHODOX EASTERN CHURCH, RUSSIAN. Patriarch. Zhurnal Moskovskoi Patriarkhii [Journal of the Moscow Patriarchate]. Moscow, no. 8, Aug. 1962.

SVITLO. THE LIGHT. Issued by OO. Vasyliians' [The Basilian Fathers]. Toronto, vol. 25, nos. 9(477)-10(478), Sep.-Oct. 1962.

TSERKOVNYI VESTNIK [CHURCH HERALD]. Organ of Pravoslavnaia tserkov' v Pol'she [Orthodox Church in Poland]. Warsaw, vol.9, nos.3-7, June-July 1962.

VECHNOE [THE ETERNAL]. Paris, no.10(178), Oct 1962

VIRA I KUL'TURA. FAITH AND CULTURE. Organ of Ukrains'ke naukove bohoslovs'ke tovarystvo [Ukrainian Theological Society]. Winnipeg, vol.25, no.10/11, Aug.-Sep. 1962.

VOIOVNYCHYI ATEIST [MILITANT ATHEIST]. Issued by Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR [Society for Dissemination of Political and Scientific Knowledge of the Ukrainian S.S.R.]. Kiev, no.12, Dec. 1961.

4. HISTORY

a GENERAL

AKADEMIIA NAUK AZERBAIDZHANSKOI SSR, Baku. Institut vostokovedeniia. Uchenye zapiski [ACADEMY OF SCIENCES OF THE AZERBAIJAN S.S.R. Institute of Oriental Studies. Studies]. Vol.3, 1962. [In Russian or Azerbaijani with summaries in English].

AKADEMIIA NAUK KAZAKHSKOI SSR, Alma-Ata. Izvestiia. Seriia istorii, arkheologii i etnografii [ACADEMY OF SCIENCES OF THE KAZAKH S.S.R. Bulletin. Series in History, Archaeology, and Ethnography]. Alma-Ata, no.2(19), 1962.

AKADEMIIA NAUK KAZAKHSKOI SSR, Alma-Ata. Institut istorii, arkheologii i etnografii. Trudy [ACADEMY OF SCIENCES OF THE KAZAKH S.S.R. Institute of History, Archaeology, and Ethnography. Transactions]. Alma-Ata, vol.16, 1962.

AKADEMIIA NAUK SSSR. Institut istorii. Srednie veka [ACADEMY OF SCIENCES OF THE U.S.S.R. Institute of History. The Middle Ages]. Moscow, no.22, 1962.

AKADEMIIA NAUK SSSR. Institut slavianovedeniia. Uchenye zapiski [ACADEMY OF SCIENCES OF THE U.S.S.R. Institute of Slavic Studies. Studies]. Moscow, vols.24-25, 1962.

CHEBOKSARY. CHUVASHSKII NAUCHNO-ISSLEDOVATEL'SKII INSTITUT IAZYKA, LITERATURY, ISTORII I EKONOMIKI. Uchenye zapiski [CHUVASH SCIENTIFIC RESEARCH INSTITUTE OF LANGUAGE, LITERATURE, HISTORY, AND ECONOMICS. Studies]. No.21, 1962.

INSTITUT ZUR ERFORSCHUNG DER UdSSR. Issledovaniia i materialy. INSTITUTE FOR THE STUDY OF THE U.S.S.R. [Investigations and Materials]. Munich, ser.I, no.65, 1962. Sbornik statei, posviashchennykh tvorchestvu Borisa Leonidovicha Pasternaka [Papers Dedicated to the Work of Boris Leonidovich Pasternak]

ISTORIIA SSSR [HISTORY OF THE U.S.S.R.]. Issued by Institut istorii Akademii nauk SSSR [Institute of History of the Academy of Sciences of the U.S.S.R.]. Moscow vol.6, no.5, Sep.-Oct. 1962.

SOVETSKAIA ARKHEOLOGIIA [SOVIET ARCHAEOLOGY]. Issued by Institut arkheologii Akademii nauk SSSR [Institute of Archaeology of the Academy of Sciences of the U.S.S.R.]. Moscow, vol.6, no 3, 1962

5. SOCIAL SCIENCES

a COMMERCE

BUKHGALTERSKII UCHET [ACCOUNTING]. Issued by Ministerstvo finansov SSSR [Ministry of Finance of the U.S.S.R.]. Moscow, vol.19, no.7, July 1962.

NOVYE TOVARY, informatsionnyi biulleten' [NEW CONSUMER GOODS; Information Bulletin] Moscow, no.10, 1962.

TORGOVLIA ZA RUBEZHOM; organizatsiia, novye metody, tekhnika torgovli i marsovogo pitaniia [TRADE ABROAD; Organization, New Methods, and Equipment of Trade and Public Food Service]. Moscow, nos.9-10, 1962.

VNESHNIAIA TORGOVLIA [FOREIGN TRADE]. Organ of Ministerstvo vneshnei torgovli SSSR [Ministry of Foreign Commerce of the U.S.S.R.]. Moscow, vol.42, nos.8-9, 1962.

b ECONOMICS

AKADEMIIA NAUK TURKMENSKOI SSR, Ashkhabad. Izvestiia. Seriia obshchestvennykh nauk [ACADEMY OF SCIENCES OF THE TURKMEN S.S.R. Bulletin. Series in the Social Sciences]. Ashkhabad, nos.3-4, 1962.

EKONOMIKA RADIANS'KOI UKRAINY [ECONOMICS OF THE SOVIET UKRAINE]. Issued by Instytut ekonomiky Akademii nauk URSR [Institute of Economics of the Academy of Sciences of the Ukrainian S.S.R.]. Kiev, no.5, Sep.-Oct. 1962.

EKONOMIKA STROITEL'STVA [ECONOMICS OF CONSTRUCTION]. Issued by Gosudarstvennyi komitet Soveta Ministrov SSSR po delam stroitel'stva [State Committee of the Council of Ministers of the U.S.S.R. for Construction]. Moscow, no.8, Aug. 1962.

MIROVAIA EKONOMIKA I MEZHDUNARODNYE OTNOSHENIIA [WORLD ECONOMICS AND INTERNATIONAL RELATIONS] Issued by Institut mirovoi ekonomiki i mezhdunarodnykh otnoshenii Akademii nauk SSSR [Institute of World Economics and International Relations of the Academy of Sciences of the U.S.S.R.]. Moscow, no.10, Oct 1962.

MOSCOW. UNIVERSITET. Vestnik. Seriia 8; Ekonomika, filosofiia [UNIVERSITY. Review. Series 8; Economics, Philosophy]. Vol.17, no.5, Sep.-Oct. 1962.

NARODNOE KHOZIAISTVO KAZAKHSTANA [THE NATIONAL ECONOMY OF KAZAKHSTAN]. Issued by Gosplan Kazakhskoi SSR [State Planning Commission of the Kazakh. S.S.R.]. Alma-Ata, vol.20, no.8, Aug. 1962.

NOVAIA INOSTRANNAIA EKONOMICHESKAIA LITERATURA [NEW FOREIGN ECONOMIC LITERATURE]. Issued by Fundamental'naia biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.]. Moscow, no.5, 1962

NOVAIA SOVETSKAIA EKONOMICHESKAIA LITERATURA [NEW SOVIET ECONOMIC LITERATURE]. Issued by Fundamental'naia biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.]. Moscow, no.21, 1962.

PLANOVOE KHOZIAISTVO [PLANNED ECONOMY]. Issued by Gosekonomsovet SSSR and Gosplan SSSR [State Economic Council of the U.S.S.R. and the State Planning Commission of the U.S.S.R.]. Moscow, vol.39, no.10, Oct. 1962.

REFERATIVNYI SBORNIK: EKONOMIKA PROMYSHLENNOSTI [JOURNAL OF ABSTRACTS: ECONOMICS OF INDUSTRY]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no.9, Sep. 1962.

VESTNIK STATISTIKI [STATISTICAL REVIEW]. Organ of TSentral'noe statisticheskoe upravlenie SSSR [Central Statistical Administration of the U.S.S.R.]. Moscow, no.9, 1962.

VOPROSY EKONOMIKI [PROBLEMS OF ECONOMICS]. Issued by Institut ekonomiki Akademii nauk SSSR [Institute of Economics of the Academy of Sciences of the U.S.S.R.]. Moscow, no.9, Sep 1962.

c FINANCE

DEN'GI I KREDIT [MONEY AND CREDIT]. Published by Gosudarstvennyi bank SSSR [U.S.S.R. State Bank]. Moscow, vol.20, nos.8-9, Aug.-Sep. 1962.

FINANSY SSSR [FINANCE OF THE U.S.S.R.] Issued by Ministerstvo finansov SSSR [Ministry of Finance of the U.S.S.R.]. Moscow, vol.23, no.9, Sep 1962.

d LABOR

RABOTNITSA I SIALIANKA [THE WOMAN WORKER AND THE PEASANT WOMAN]. Issued by TSentral'nyi komitet Komunistychnae partyi Belarusi [Central Committee of the Communist Party of White Russia]. Minsk, vol.38, nos.8-9, Aug.-Sep. 1962

SOTSIALISTICHESKII TRUD [SOCIALIST LABOR]. Issued by Gosudarstvennyi komitet Soveta Ministrov SSSR po voprosam truda i zarabotnoi platy [State Committee of the Council of Ministers of the U.S.S.R. on Labor and Wage Problems]. Moscow, vol.7, no.9, Sep. 1962.

SOVETSKIE PROFSOIUZY [SOVIET TRADE UNIONS]. Issued by Vsesoiuznyi TSentral'nyi Sovet Professional'nykh Soiuzov [All-Union Central Council of Trade Unions]. Moscow, vol.18, nos. 18(252)-19(253), Sep.-Oct. 1962

e SOCIOLOGY

AZĔRBAĬČHAN GADYNY [AZERBAIJAN WOMAN]. Issued by TSentral'nyi komitet Kommunisticheskoi Partii Azerbaidzhana [Central Committee of the Communist Party of Azerbaijan]. Baku, no.9, Sep. 1962. [In Azerbaijani]

KAZACH'IA ZHIZN' [COSSACK LIFE]. Issued by Vtoroi otdel Kazach'e-amerikanskogo narodnogo soiuza [Second Division of the Cossack American National Alliance, Inc.]. Providence, R.I., vol.10, no.114, Aug. 1962.

KAZAKSTAN ĚIELDERI [KAZAKHSTAN WOMAN]. Alma-Ata, no.10, Oct. 1962. [In Kazakh]

KOMSOMOL'SKAIA ZHIZN' [LIFE OF COMMUNIST YOUTH]. Issued by TSentral'nyi komitet Vsesoiuznogo leninskogo kommunisticheskogo soiuza molodezhi [Central Committee of the All-Union Communist Youth League of Lenin]. Moscow, no.15, Aug.1962.

KYRGYSTAN AIALDARY [KIRGHIZISTAN WOMAN]. Frunze, vol.12, no.5(97), May 1962. [In Kirghiz]

NOUKOGUDE NAINE [SOVIET WOMAN]. Issued by EKP Keskkomitee [Central Committee of the Communist Party of Estonia]. Tallinn, no.10, Oct. 1962. [In Estonian]

PADOMJU LATVIJAS SIEVIETE [WOMAN OF SOVIET LATVIA]. Issued by Latvijas komunistiskas partijas Centrala komiteja [Central Committee of the Communist Party of Latvia]. Riga, no.10(122), Oct. 1962. [In Latvian]

SOTSIAL'NOE OBESPECHENIE [SOCIAL SECURITY]. Issued by Ministerstvo sotsial'nogo obespecheniia RSFSR [Ministry of Social Security of the R.S.F.S.R.]. Moscow, vol.23, no.7, July 1962.

SOVET TURKMENISTANYNYŇ AIALLARY [SOVIET TURKMENISTAN WOMAN]. Organ of TsK KP Turkmenistana [Central Committee of the Communist Party of Turkmenistan]. Ashkhabad, no.5(107)-6(108), May-June 1962. [In Turkmen]

SOVETSKAIA ZHENSHCHINA [SOVIET WOMAN]. Organ of Komitet sovetskikh zhenshchin and Vsesoiuznyi TSentral'nyi Sovet Professional'nykh Soiuzov [Committee of Soviet Women and the All-Union Central Council of Trade Unions]. Moscow, vol.18, no.11, 1962.

ŬZBEKISTON KHOTIN-KIZLARI [WOMEN OF UZBEKISTAN]. Tashkent, no.7, July 1962. [In Uzbek]

ŬZBEKISTON SOTSIAL TA"MINOTI [SOCIAL SECURITY OF UZBEKISTAN]. Issued by Ministerstvo sotsial'nogo obespecheniia Uzbekskoi SSR [Ministry of Social Security of the Uzbek S S R.] Tashkent, nos.2(21), 4(23), Apr , Aug. 1962 [In Uzbek]

6. POLITICAL SCIENCE

AGITATOR [AGITATOR]. Issued by TSentral'nyi komitet Kommunisticheskoi partii Sovetskogo Soiuza [Central Committee of the Communist Party of the Soviet Union]. Moscow, no. 20, Oct. 1962.

KAZAKSTAN KOMMUNISI [COMMUNIST OF KAZAKHSTAN]. Issued by the Communist Party of Kazakhstan, Alma-Ata, vol. 42, no. 10, Oct. 1962. [In Kazakh]

KOMMUNIST [COMMUNIST]. Issued by TSentral'nyi Komitet Kommunisticheskoi partii Sovetskogo Soiuza [Central Committee of the Communist Party of the Soviet Union]. Moscow, vol. 39, nos 15-16, Oct. - Nov. 1962.

KOMMUNIST [COMMUNIST]. Organ of the Central Committee of the Communist Party of Kirghizia. Frunze, vol. 36, no. 9, Sep. 1962. [In Kirghiz]

KOMMUNIST BELORUSSII [COMMUNIST OF WHITE RUSSIA]. Issued by TSentral'nyi komitet Kommunisticheskoi partii Belorussii [Central Committee of the Communist Party of White Russia]. Minsk, vol. 36, no. 9, Sep. 1962.

KOMMUNIST ESTONII [COMMUNIST OF ESTONIA] Issued by TsK Kompartii Estonii [Central Committee of the Communist Party of Estonia Tallinn, vol. 18, nos. 7, 9, July, Sep. 1962.

KOMMUNIST MOLDAVII [COMMUNIST OF MOLDAVIA]. Issued by TSentral'nyi komitet Kommunisticheskoi partii Moldavii [Central Committee of the Communist Party of Moldavia]. Kishinev, vol. 7, no. 9, Sep. 1962.

KOMMUNIST SOVETSKOI LATVII [COMMUNIST OF SOVIET LATVIA] Issued by TSentral'nyi Komitet Kommunisticheskoi partii Latvii [Central Committee of the Communist Party of Latvia]. Riga, vol. 17, nos. 9-10, Sep.-Oct. 1962.

KOMMUNIST UKRAINY [COMMUNIST OF THE UKRAINE]. Issued by TSentral'nyi komitet Komunistychnoi partii Ukrainy [Central Committee of the Communist Party of the Ukraine]. Kiev, vol. 38, no 9, Sep. 1962.

KOMMUNIST UZBEKISTANA [COMMUNIST OF UZBEKISTAN]. Issued by TSentral'nyi komitet Kommunisticheskoi partii Uzbekistana [Central Committee of the Communist Party of Uzbekistan]. Tashkent, vol. 34, no. 9, Sep. 1962.

KOMUNIST UKRAINY [COMMUNIST OF THE UKRAINE]. Issued by TSentral'nyi komitet Komunistychnoi partii Ukrainy [Central Committee of the Communist Party of the Ukraine]. Kiev, vol. 38, no. 10, Oct. 1962. [In Ukrainian]

KOMUNISTAS [COMMUNIST]. Issued by Lietuvos komunistu partijos Centro komitetas [Central Committee of the Communist Party of Lithuania]. Vilnius, no. 10(460), Oct. 1962. [In Lithuanian]

MEZHDUNARODNAIA ZHIZN' [INTERNATIONAL LIFE]. Published by Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii [All-Union Society for the Dissemination of Political and Scientific Knowledge]. Moscow, vol. 6, no 10, Oct. 1962.

MOLODEZH' MIRA [WORLD YOUTH] Issued by Vsemirnaia federatsiia demokraticheskoi molodezhi [World Federation of Democratic Youth]. Moscow, no. 7, 1961.

MOLODOI KOMMUNIST [THE YOUNG COMMUNIST] Issued by TSentral'nyi komitet Vsesoiuznogo leninskogo kommunisticheskogo soiuza molodezhi [Central Committee of the All-Union Communist Youth League of Lenin]. Moscow, no 6, June 1962.

MOSCOW, INSTITUT MEZHDUNARODNYKH OTNOSHENII. Uchenye zapiski [INSTITUTE OF INTERNATIONAL RELATIONS, Studies]. No. 6, 1961. Serila ekonomicheskaia [Economical Series].

MOSCOW. Ispolnitel'nyi komitet. Biulleten' [Executive Committee. Bulletin]. nos. 17(503)-18(504), 1962.

MOSCOW (Province) Ispolnitel'nyi komitet. Biulleten' [Executive Committee. Bulletin]. Nos. 16-17, Aug. - Sep. 1962.

NOVOE VREMIA [NEW TIMES]. Moscow, vol. 20, nos. 40-44, Oct. 1962.

PADOMJU LATVIJAS KOMUNISTS [COMMUNIST OF SOVIET LATVIA]. Issued by Latvijas komunistiskas partijas Centrala komiteja [Central Committee of the Communist Party of Latvia]. Riga, vol. 10, no. 10, Oct. 1962. [In Latvian]

PARTIIA TURMUSHI [PARTY LIFE]. Issued by TSentral'nyi Komitet Kommunisticheskoi partii Uzbekistana [Central Committee of the Communist Party of Uzbekistan]. Tashkent, no 10, Oct 1962. [In Uzbek]

PARTINAIA ZHIZN' [PARTY LIFE]. Issued by TSentral'nyi komitet Kommunisticheskoi partii Sovetskogo Soiuza [Central Committee of the Communist Party of the Soviet Union]. Moscow, nos. 19-20, Oct. 1962.

PARTINAIA ZHIZN' [PARTY LIFE]. Issued by TSentral'nyi komitet Kommunisticheskoi partii Uzbekistana [Central Committee of the Communist Party of Uzbekistan]. Tashkent, vol. 5, no. 9, Sep. 1962.

PARTINAIA ZHIZN' KAZAKHSTANA [PARTY LIFE OF KAZAKHSTAN]. Issued by TSentral'nyi komitet KP Kazakhstana [Central Committee of the Communist Party of Kazakhstan]. Alma-Ata, vol. 32, no. 9, Sep. 1962.

POLITICHESKOE SAMOOBRAZOVANIE [POLITICAL SELF-EDUCATION]. Issued by TSentral'nyi komitet Kommunisticheskoi partii Sovetskogo Soiuza [Central Committee of the Communist Party of the Soviet Union]. Moscow, vol. 6, no. 9, Sep. 1962.

RUSSIA (1917- R S F.S.R.) Verkhovnyi Sovet Vedomosti [Supreme Soviet. Gazette] Moscow, vol 6, nos. 37(207)-41(211), Sep.-Oct., , 1962

RUSSIA (1923- U S S.R.) Verkhovnyi Sovet Vedomosti [Supreme Soviet. Gazette]. Moscow, vol. 25, nos 43 (1130)-45(1132), Oct -Nov. 1962.

SOVETY DEPUTATOV TRUDIASHCHIKHSIA [SOVIETS OF WORKERS' DEPUTIES]. Issued by gazeta [newspaper] "Izvestiia." Moscow, no. 10, Oct. 1962

TÜRKMENISTAN KOMMUNISTI [COMMUNIST OF TURKMENISTAN]. Organ of the Central Committee of the Communist Party of Turkmenistan. Ashkhabad, vol. 38, no. 9, Sep. 1962. [In Turkmen]

ŬZBEKISTON KOMMUNISTI [COMMUNIST OF UZBEKISTAN]. Issued by the Central Committee of the Communist Party of Uzbekistan. Tashkent, vol. 34, no. 9, Sep. 1962. [In Uzbek]

VIL'NA UKRAINA [FREE UKRAINE]. Issued by Ukrains'ka vil'na hromada v Amerytsi [Ukrainian Free Society of America]. Detroit, no. 34, 1962.

VOPROSY ISTORII KPSS [PROBLEMS OF THE HISTORY OF THE COMMUNIST PARTY OF THE SOVIET UNION]. Organ of Institut marksizma-leninizma pri TsK KPSS [Institute of Marxism-Leninism, Attached to the Central Committee of the Communist Party of the Soviet Union]. Moscow, vol. 6, no. 5, 1962.

7. LAW

SOVETSKAIA IUSTITSIIA [SOVIET JUSTICE]. Issued by Ministerstvo iustitsii and Verkhovnyi Sud RSFSR [Ministry of Justice and the Supreme Court of the R.S.F.S.R.]. Moscow, nos. 18-19, Sep.-Oct. 1962.

SOVETSKOE GOSUDARSTVO I PRAVO [SOVIET STATE AND LAW]. Organ of Institut gosudarstva i prava Akademii nauk SSSR [Institute of State and Law of the Academy of Sciences of the U.S.S.R.]. Moscow, vol. 32, no. 10, Oct. 1962.

8. EDUCATION

a. GENERAL

AKADEMIIA PEDAGOGICHESKIKH NAUK RSFSR, Moscow. Izvestiia [ACADEMY OF PEDAGOGICAL SCIENCES OF THE R. S. F. S. R. Bulletin]. Moscow, no. 120, 1962.

GULKHAN. Issued by TsK LKSM and Ministerstvo prosveshcheniia Uzbekistana [Central Committee of the All-Union Communist Youth League of Lenin and the Ministry of Education of Uzbekistan]. Tashkent, no. 8 (128), Aug. 1962. [In Uzbek]

MAKTABI SOVETI [SOVIET SCHOOL] Issued by Ministerstvo prosveshcheniia Tadzhikskoi SSR [Ministry of Education of the Tajik S S.R.] Dushanbe, vol 37, no 8(376)-9(377), Aug -Sep. 1962 [In Tajik]

NACHAL'NAIA SHKOLA [PRIMARY SCHOOL] Issued by Ministerstvo prosveshcheniia RSFSR [Ministry of Education of the R.S.F.S.R.]. Moscow, vol. 30, no. 8, Aug 1962.

NARODNAIA ASVETA [PUBLIC EDUCATION]. Issued by Ministerstvo asvety BSSR [Ministry of Education of the White Russian S.S R.]. Minsk, nos. 6, 9, June, Sep. 1962.

NARODNOE OBRAZOVANIE [PUBLIC EDUCATION] Issued by Ministerstvo prosveshcheniia RSFSR [Ministry of Education of the R.S.F.S.R.]. Moscow, nos. 8, 10, Aug., Oct. 1962.

NOUKOGUDE KOOL [SOVIET SCHOOL]. Issued by Eesti Noukogude Sotsialistliku Vabariigi Haridusministeerium [Ministry of Education of the Estonian S.S.R.]. Tallinn, vol. 20, no. 10, Oct. 1962. [In Estonian]

PADOMJU LATVIJAS SKOLA [THE SCHOOL IN SOVIET LATVIA]. Issued by LPSR Izglitibas ministrija [Ministry of Education of the Latvian S.S.R.]. Riga, no. 9, Sep. 1962. [In Latvian]

RUSSIA (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Biulleten' [Ministry of Higher and Secondary Specialized Education, Bulletin]. Moscow, no. 10, Oct. 1962.

SOVET MAKTABI [SOVIET SCHOOL]. Organ of Ministerstvo prosveshcheniia Uzbekskoi SSR [Ministry of Education of the Uzbek S S R.]. Tashkent, no. 9, Sep. 1962 [In Uzbek]

SOVETAKAN MANKAVARZH. SOVETSKII PEDAGOG [SOVIET TEACHER]. Issued by Ministerstvo prosveshcheniia Armianskoi SSR [Ministry of Education of the Armenian S S R.]. Erivan, no. 4, 9-10, 1962. [In Armenian]

TARYBINE MOKYKLA [SOVIET SCHOOL]. Organ of Lietuvos TSR Svietimo ministerija [Ministry of Education of the Lithuanian S.S.R.]. Vilnius, no. 10, Oct. 1962. [In Lithuanian]

VECHERNIAIA SREDNIAIA SHKOLA [EVENING SECONDARY SCHOOL]. Issued by Ministerstvo prosveshcheniia RSFSR [Ministry of Education of the R.S.F.S.R.]. Moscow, vol. 5, no. 3, May-June 1962.

VESTNIK VYSSHEI SHKOLY [REVIEW OF SCHOOLS FOR HIGHER EDUCATION]. Organ of Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia SSSR [Ministry of Higher and Secondary Specialized Education of the U.S.S.R.]. Moscow, vol. 20, nos. 8-9, Aug.-Sep. 1962.

VOZHATYI [PIONEER GUIDE]. Published by TSentral'nyi Komitet Vsesoiuznogo leninskogo kommunisticheskogo soiuza molodezhi and TSentral'nyi sovet Vsesoiuznoi pionerskoi organizatsii imeni V.I. Lenina [Central Committee of the All-Union Communist Youth League of Lenin and the Central Council of the All-Union Lenin Pioneers] Moscow, vol. 38, nos. 8-10, Aug.-Oct. 1962.

ZHYTTIA I SHKOLA [LIFE AND SCHOOL]. New Haven, vol. 8, no. 7/9, July-Sep. 1962.

b. PHYSICAL EDUCATION & GAMES

FIZKUL'TURA I SPORT [PHYSICAL EDUCATION AND SPORTS]. Organ of Soiuz sportivnykh tovarystv i organizatsii URSR [Union of Sports Associations and Organizations of the Ukrainian S.S.R.]. Kiev, no. 10, Oct. 1962.

KEHAKULTUUR [PHYSICAL CULTURE]. Organ of Eesti NSV Spordiuhingute ja -organisatsioonide Liit [Union of Sports Associations and Organizations of the Estonian S.S.R.]. Tallinn, vol. 23, no. 10 (460), Oct. 1962. [In Estonian]

PROBLEMY PSIKHOLOGII SPORTA. Sbornik rabot institutov fizicheskoi kul'tury [PSYCHOLOGICAL PROBLEMS IN SPORTS. Collected Papers of Physical Culture Institutes]. Moscow, no. 2, 1962.

SHAKHMATNYI BIULLETEN' [CHESS BULLETIN]. Organ of Shakhmatnaia federatsiia SSSR [Chess Federation of the U.S.S.R.]. Moscow, vol. 8, no. 10, Oct. 1962.

SHAKHMATY [CHESS] Issued by Soviet sports organizations and physical culture organizations of Latvia SSR [Union of Sports Associations and Organizations and the Chess Federation of the Latvian S S R]. Riga, nos 12(60)-11(67) 17(67)-19(67), June-July, Sep.-Oct 1962.

SHAKHMATY V SSSR [CHESS IN THE U S S R.] Organ of Shakhmatnaia federatsiia SSSR [Chess Federation of the U S S R] Moscow, vol 39, nos 9-10, Sep, Oct 1962

SPORTIVNAIA ZHIZN' ROSSII [SPORT LIFE IN RUSSIA] Organ of Vsesoiuznyi Soviet Soiuza sportivnykh obshchestv i organizatsii [All-Russian Council of the Association of Sports Societies and Organizations] Moscow, vol 6, no. 10, Oct 1962

SPORTIVNYE IGRY [ATHLETIC GAMES] Organ of TSentral'nyi sovet Soiuza sportivnykh obshchestv i organizatsii SSSR [Central Council of the Association of Sports Societies and Organizations of the U S S R], Moscow, vol 6, no.9(68), Sep 1962

9. MUSIC, THEATER & MOTION PICTURES

a. MOTION PICTURES

ISKUSSTVO KINO [CINEMA ART], Organ of Ministerstvo kul'tury SSSR and Soiuz rabotnikov kinematografii SSSR [Ministry of Culture of the U.S S.R. and of the Association of Cinematographic Workers of the U.S.S.R.], Moscow, no.9, Sep. 1962.

SOVETSKII EKRAN [THE SOVIET SCREEN] Organ of Ministerstvo kul'tury SSSR and Soiuz rabotnikov kinematografii SSSR [Ministry of Culture of the U.S.S R. and the Union of Motion-Picture Workers of the U S S R.], Moscow, no 19(139)-20(119), Oct 1962.

TEKHNIKA KINO I TELEVIDENIIA [MOTION-PICTURE AND TELEVISION ENGINEERING], Organ of Ministerstvo kul'tury SSSR [Ministry of Culture of the U.S.S.R.], Moscow, vol. 6, no.10, Oct. 1962.

b MUSIC

LITOPIS' MUZYKAL'NOI LITERATURY [CHRONICLE OF MUSICAL LITERATURE] Issued by Vsesoiuznaia knizhnaia palata [All-Union Book Chamber], Moscow, no. 3, 1962.

MUZYKAL'NAIA ZHIZN' [MUSICAL LIFE] Organ of Soiuz kompozitorov SSSR and Ministerstvo kul'tury SSSR [Association of Composers of the U.S S.R. and the Ministry of Culture of the U S S R.] Moscow, vol ', nos 19-20, Oct 1962

c THEATER

KHUDOZHESTVENNAIA SAMODEIATEL'NOST' [AMATEUR ART ACTIVITIES], Issued by Vsesoiuznyi TSentral'nyi Sovet Professional'nykh Soiuzov [All-Union Central Council of Trade Unions], Moscow, vol. 6, no. 10, Oct. 1962.

MOLODEZHNAIA ESTRADA [YOUNG PEOPLE'S STAGE], Published by "Molodaia gvardiia" ["Young guard"] Moscow, no 5(113), 1962

SOVETSKII TSIRK [THE SOVIET CIRCUS], Organ of Ministerstvo kul'tury SSSR [Ministry of Culture of the U.S.S R], Moscow, vol. 3, no. 9(60), Sep. 1962.

TEATR [THEATER], Organ of Ministerstvo kul'tury SSSR and Soiuz piatelei SSSR [Ministry of Culture of the U.S.S.R. and Association of Writers of the U.S.S.R.], Moscow, vol. 23, nos. 8-9, Aug.-Sep. 1962.

TEATRAL'NAIA ZHIZN' [LIFE OF THE THEATER], Organ of Ministerstvo kul'tury RSFSR [Ministry of Culture of the R.S.F.S R.] and others. Moscow, no. 19, Oct. 1962.

10. FINE ARTS

a. GENERAL

DEKORATIVNOE ISKUSSTVO SSSR [DECORATIVE ART OF THE U.S.S.R.], Issued by Soiuz khudozhnikov SSSR [Association of Artists of the U.S.S.R.], Moscow, no. 9(58), Sep. 1962.

ISKUSSTVO [ART], Organ of Ministerstvo kul'tury SSSR [Ministry of Culture of the U.S.S.R.] and others, Moscow, vol. 25, no 7, 1962

KHUDOZHNIK [ARTIST] Issued by Soiuz khudozhnikov RSFSR [Association of Artists of the R S F.S R.], Moscow, vol 5, no 10, 1962

LATVIEŠU TEĻOTAJA MAKSLA [LATVIAN FINE ARTS] Riga, vol. 1, 1962. [In Latvian]

SOVETAKAN ARVEST [SOVIET ART] Issued by Ministerstvo kul'tury Armianskoi SSR [Ministry of Culture of the Armenian S S.R.] Erivan, no 9, 1962 [In Armenian]

TVORCHESTVO [CREATIVE WORK] Issued by Soiuz khudozhnikov SSSR [Association of Artists of the U S S R.], Moscow, no. 10(70), 1962

b ARCHITECTURAL

ARKHITEKTURA SSSR [ARCHITECTURE OF THE U S S.R] Organ of Akademiia stroitel'stva i arkhitektury SSSR and Soiuz arkhitektorov SSSR [Academy of Construction and Architecture of the U S S R and the Association of Architects of the U S S R] Moscow, no 8, 1962

ARKHITEKTURNOE NASLEDSTVO [ARCHITECTURAL HERITAGE] Issued by Institut teorii i istorii arkhitektury i stroitel'noi tekhniki Akademii stroitel'stva i arkhitektury SSSR [Institute of the Theory and History of Architecture and Construction Engineering of the Academy of Building and Architecture of the U.S S R], Moscow, vol. 14, 1962.

RUSSIA (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia, Izvestiia vysshikh uchebnykh zavedenii, stroitel'stvo i arkhitektura [Ministry of Higher and Secondary Specialized Education, Bulletin of the Institutions of Higher Learning, Construction and Architecture], Moscow, vol 5, no 1, 1962

STROITEL'STVO I ARKHITEKTURA LENINGRADA [CONSTRUCTION AND ARCHITECTURE IN LENINGRAD], Organ of Ispolnitel'nyi komitet Leningradskogo gorodskogo soveta deputatov trudiashchikhsia [Executive Committee of the Leningrad City Soviet of Workers' Deputies] and others. Leningrad, vol. 24, nos. 2, 7, Feb., July 1962.

STROITEL'STVO I ARKHITEKTURA MOSKVY [CONSTRUCTION AND ARCHITECTURE IN MOSCOW], Issued by Ispolkom Moskovskogo gorodskogo soveta deputatov trudiashchikhsia [Executive Committee of the Moscow City Soviet of Workers' Deputies], Moscow, vol. 11, no. 9, Sep. 1962.

11. LANGUAGE, LITERATURE & FOLKLORE

a LANGUAGE

AKADEMIIA NAUK KAZAKHSKOI SSR, Alma-Ata. Izvestiia. Seriia filologii i iskusstvovedeniia [ACADEMY OF SCIENCES OF THE KAZAKH S.S.R. Bulletin. Series of Philology and Art], Alma-Ata, no 2(24), 1962.

KEEL JA KIRJANDUS [LANGUAGE AND LITERATURE] Issued by Eesti NSV Teaduste Akadeemia and Eesti NSV Kirjanike Liit [Academy of Sciences of the Estonian S.S.R. and the Association of Writers of the Estonian S S R.], Tallinn, vol 5, no.10, Oct. 1962 [In Estonian]

MOVOZNAVSTVO [LINGUISTICS], Issued by Instytut movoznavstva Akademiia nauk URSR [Institute of Linguistics of the Academy of Sciences of the Ukrainian S S R], Kiev, vol 16, 1961.

PREPODAVANIE AZERBAIDZHANSKOGO IAZYKA I LITERATURY, metodicheskii sbornik [TEACHING THE AZERBAIJANI LANGUAGE AND LITERATURE, Methodology]. Supplement to the Magazine "Azerbaidzhan Mektebi." Baku, no. 2, 1962. [In Azerbaijani]

RUSSKII IAZYK V NATSIONAL'NOI SHKOLE [THE RUSSIAN LANGUAGE IN NON RUSSIAN SCHOOLS] Issued by Akademiia pedagogicheskikh nauk RSFSR [Academy of Pedagogical Sciences of the R.S.F.S.R.], Moscow, no. 5, 1962.

RUSSKII IAZYK V SHKOLE [RUSSIAN LANGUAGE IN SCHOOLS], Issued by Ministerstvo prosveshchenia RSFSR [Ministry of Education of the R.S.F.S.R.], Moscow, vol. 23, no. 4, July-Aug. 1962.

ÜZBEK TILI VA ADABIETI MASALALARI [PROBLEMS OF UZBEK LANGUAGE AND LITERATURE], Issued by A.S. Pushkin nomidagi til va adabiet instituti of the Üzbekiston SSR fanlar akademiiasi [A.S. Pushkin Institute of Language and Literature of the Academy of Sciences of the Uzbek S.S.R.] Tashkent, vol ', no.5, Sep-Oct 1962 [In Uzbek]

V POMOSHCH' PREPODAVATELIU RUSSKOGO IAZYKA V AMERIKE [A GUIDE FOR TEACHERS OF THE RUSSIAN LANGUAGE IN AMERICA] Published by N P Avtonomoff San Francisco, Calif., nos 59, 62, 1961, 1962

b LITERATURE & FOLKLORE

ALA-TOO, literaturno-khudozhestvennyi i obshchestvenno-politicheskii zhurnal [ALA-TAU, Literary and Socio-political Magazine]. Organ of Soiuz pisatelei Kirgizii and Ministerstvo kul'tury Kirgizskoi SSR [Association of Writers of Kirghizia and the Ministry of Culture of the Kirghiz S.S.R.] Frunze, vol. 31, no. 10, Oct 1962. [In Kirghiz]

ASHKHABAD, literaturno-khudozhestvennyi i obshchestvenno-politicheskii zhurnal [ASHKHABAD, Literary and Sociopolitical Journal] Organ of Soiuz pisatelei Turkmenistana [Association of Writers of Turkmenistan] Ashkhabad, vol 3, no. 5, 1962.

AZÉRBAÏCHAN [AZERBAIJAN], Organ of Soiuz pisatelei Azerbaidzhana [Association of Writers of Azerbaijan]. Baku, no. 9, Sep. 1962. [In Azerbaijani]

BAIKAL, Organ of Soiuz pisatelei and Ministerstvo kul'tury Buriatskoi ASSR [Association of Writers and the Ministry of Culture of the Buryat A.S.S.R.], Ulan-Ude, vol. 8, no. 5, Aug.-Sep. 1962.

DAGESTAN, literaturno-khudozhestvennyi al'manakh [DAGHESTAN; Literary Almanac]. Issued by Soiuz pisatelei Dagestana [Association of Writers of Daghestan]. Makhachkala, no 3/4, 1961.

DAL'NII VOSTOK [FAR EAST], Organ of Khabarovskoe otdelenie Soiuz pisatelei RSFSR [Khabarovsk Branch of the Association of Writers of the R S F.S.R.], Khabarovsk, vol. 20, no. 5, Sep. 1961.

DNESTR [DNIESTER], Organ of Soiuz pisatelei Moldavskoi SSR [Association of Writers of the Moldavian S.S.R.], Kishinev, vol. 15, nos. 6-9, 1962.

DON, Organ of Rostovskoe oblastnoe otdelenie Soiuza pisatelei RSFSR [Rostov Province Branch of the Association of Writers of the R.S.F.S.R.], Rostov-on-Don, vol. 6, no. 10, Oct. 1962.

DRUZHBA NARODOV [FRIENDSHIP OF PEOPLES], Organ of Soiuz pisatelei SSSR [Association of Writers of the U.S.S.R.], Moscow, no. 10, Oct. 1962

IUNOST' [YOUTH], Organ of Soiuz pisatelei SSSR [Association of Writers of the U.S.S.R.], Moscow, vol. 8, no. 10, Oct. 1962.

KAROGS [THE BANNER], Issued by Latvijas padomju rakstnieku savienība [Association of Writers of Latvia], Riga, no. 10, Oct. 1962. [In Latvian]

KHOTUGU SULUS [STAR OF THE NORTH], Yakutsk, no. 4, 1962. [In Yakut]

KUBAN'; literaturno-khudozhestvennyi al'manakh [KUBAN, Literary Almanac]. Issued by Krasnodarskoe kraevoe otdelenie Soiuza pisatelei RSFSR [Krasnodar Territory Branch of the Association of Writers of the R.S.F.S.R.], Krasnodar, no. 1(32), 1962.

LITERATURA I ISKUSSTVO NARODOV SSSR I ZARUBEZHNYKH STRAN; bibliograficheskii biulleten' [LITERATURE AND ART OF THE PEOPLES OF THE U.S.S.R. AND FOREIGN COUNTRIES; Bibliographical Bulletin]. Issued by Vsesoiuznaia knizhnaia palata and Vsesoiuznaia gosudarstvennaia biblioteka inostrannoi literatury [All-Union Book Chamber and the All-Union State Library of Foreign Literature], Moscow, no. 5, 1962.

LITERATURA SLAVIANSKIKH NARODOV [LITERATURE OF SLAVIC PEOPLES], Issued by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.], Moscow, no. 7, 1962.

LITERATURA V SHKOLE [LITERATURE IN SCHOOLS], Issued by Ministerstvo prosveshchenia RSFSR [Ministry of Education of the R.S.F.S.R.], Moscow, vol. 23, no. 5, Sep.-Oct. 1962.

LITERATURA V SHKOLI [LITERATURE IN SCHOOLS] Organ of Ministerstvo prosveshcheniia USSR [Ministry of Education of the Ukrainian S.S.R.] Kiev, vol 12, no 6, Nov -Dec, 1962

LITERATURNAIA ARMENIIA [LITERARY ARMENIA] Organ of Soiuz pisatelei Armenii [Association of Writers of Armenia]. Erivan, no 9, Sep, 1962

LITERATURNYI AZERBAIDZHAN [LITERARY AZERBAIJAN]. Organ of Soiuz pisatelei Azerbaidzhana [Association of Writers of Azerbaijan]. Baku, vol. 20, no 10, Oct 1962.

LOOMING [CREATIVE WORK]. Issued by Eesti NSV Kirjanike Liit [Association of Writers of the Estonian S.S.R.]. Tallinn, no 10, Oct 1962 [In Estonian]

MOLODAIA GVARDIIA, literaturno-khudozhestvennyi i obshchestvenno-politicheskii zhurnal [YOUNG GUARD; Literary and Sociopolitical Magazine] Issued by Tsentral'nyi komitet Vsesoiuznogo Leninskogo Kommunisticheskogo Soiuza molodezhi [Central Committee of the All-Union Communist Youth League of Lenin]. Moscow, nos. 9-10, Sep - Oct 1962

NA RUBEZHE [AT THE FRONTIER] Issued by Soiuz pisatelei Karel'skoi ASSR [Association of Writers of the Karelian A.S.S.R.] Petrozavodsk, vol 24, no 4, July-Aug 1962

NISTRUL [DNIESTER RIVER]. Organ of the Association of Soviet Writers of the Moldavian S.S.R. Kishinev, vol 31, no 9, 1962 [In Moldavian]

PARUS [THE SAIL] Issued by Soiuz sovetskikh pisatelei Latvii [Association of Soviet Writers of Latvia] Riga, no 1, 1962 [In Latvian]

PERGALE [THE VICTORY]. Organ of Lietuvos TSR rasytoiu sajunga [Association of Soviet Writers of the Lithuanian S.S.R.] Vilnius, no. 10, Oct. 1962 [In Lithuanian]

PROSTOR [WIDE-OPEN SPACES]. Organ of Soiuz pisatelei Kazakhstana [Association of Writers of Kazakhstan]. Alma-Ata, vol 18, no. 10, Oct 1962.

PYTANNIA SHEVCHENKOZNAVSTVA [PROBLEMS IN THE STUDY OF SHEVCHENKO]. Issued by Derzhavnyi muzei T. G. Shevchenka Akademii nauk Ukrains'koi RSR [T. G. Shevchenko State Museum of the Academy of Sciences of the Ukrainian S.S.R.]. Kiev, no. 3, 1962

RADIANS'KE LITERATUROZNAVSTVO [SOVIET LITERARY REVIEW]. Organ of Instytut literatury im T. H. Shevchenka Akademii nauk URSR and Spilka pis'mennykiv Ukrainy [Shevchenko Institute of Literature of the Academy of Sciences of the Ukrainian S.S.R. and the Association of Writers of the Ukraine]. Kiev, vol. 6, no. 5, Sep.-Oct. 1962.

SHARK IULDUZI [STAR OF THE EAST] Organ of the Association of Soviet Writers of Uzbekistan. Tashkent vol 30, no 9, Sep 1962

SHARK SURKH [THE RED EAST]. Organ of the Association of Writers of Tajikistan Dushanbe, no 9, Sep 1962 [In Tajik]

SIBIRSKIE OGNI [SIBERIAN LIGHTS]. Organ of Novosibirskoe otdelenie Soiuza pisatelei RSFSR [Novosibirsk Branch of the Association of Writers of the R.S.F.S.R.]. Novosibirsk, vol. 41, no 9, Sep. 1962.

SOVET ĚDEBIHATY [SOVIET LITERATURE] Organ of Soiuz sovetskikh pisatelei TSSR [Association of Writers of the Turkmen S.S.R.]. Ashkhabad, nos. 9-10, Sep -Oct. 1962. [In Turkmen]

SOVETSKAIA PECHAT' [SOVIET PRESS] Issued by Soiuz zhurnalistov SSSR [Association of Journalists of the U.S.S.R.]. Moscow, no. 9, Sep. 1962

URAL Issued by Sverdlovskoe otdelenie Soiuza pisatelei RSFSR [Sverdlovsk Branch of the Association of Writers of the R.S.F.S.R.] Sverdlovsk, no. 8, Aug. 1962.

VITCHYZNA [OUR COUNTRY]. Organ of Spilka pys'mennykiv Ukrainy [Association of Writers of the Ukraine] Kiev, no. 10, Oct. 1962.

VOPROSY LITERATURY [PROBLEMS OF LITERATURE]. Organ of Soiuz pisatelei SSSR and Institut mirovoi literatury Akademii nauk SSSR [Association of Writers of the U.S.S.R. and the Institute of World Literature of the Academy of Sciences of the U.S.S.R.]. Moscow, vol. 6, no. 9, Sep. 1962.

ZHULDYZ [STAR]. Issued by Soiuz sovetskikh pisatelei Kazakhstana [Association of Soviet Writers of Kazakhstan]. Alma-Ata, no 9, Sep 1962.

ZVEZDA VOSTOKA [STAR OF THE EAST] Organ of Soiuz pisatelei Uzbekistana [Association of Writers of Uzbekistan] Tashkent, vol. 30, no 9, Sep 1962

12. GEOGRAPHY & GEOLOGY

a. ETHNOLOGY

NARODNA TVORCHIST' TA ETNOGRAFIIA [FOLK ART AND ETHNOGRAPHY]. Issued by Instytut mystetstvoznavstva, fol'kloru ta etnografii Akademii nauk URSR and Ministerstvo kul'tury Ukrains'koi RSR [Institute of Fine Arts, Folklore and Ethnography of the Academy of Sciences of the Ukrainian S.S.R. and the Ministry of Culture of the Ukrainian S.S.R.]. Kiev, vol. 6, no. 1, Jan.-Mar. 1962.

SOVETSKAIA ETNOGRAFIIA [SOVIET ETHNOGRAPHY]. Issued by Institut etnografii Akademii nauk SSSR [Institute of Ethnography of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 4, July-Aug. 1962

b. GLOGRAPHY

GEOGRAFICHESKOE OBSHCHESTVO SSSR. Izvestiia [GEOGRAPHIC SOCIETY OF THE U.S.S.R. Bulletin] Moscow, vol. 94, no. 4, July-Aug 1962

GEOGRAFICHNYI ZHURNYK [GEOGRAPHIC REVIEW]. Issued by Heohrafichne tovarystvo URSR [Geographic Society of the Ukrainian S.S.R.]. Kiev, no. 6, 1962.

GEOGRAFIIA V SHKOLE [GEOGRAPHY IN SCHOOLS] Issued by Ministerstvo prosveshchenila RSFSR [Ministry of Education of the R.S.F.S.R.]. Moscow, vol. 25, no. 5, Sep.-Oct. 1962.

LENINGRAD. GOSUDARSTVENNYI GIDROLOGICHESKII INSTITUT. Trudy [STATE HYDROLOGICAL INSTITUTE. Transactions]. No. 99, 1962.

REFERATIVNYI ZHURNAL. OTDEL'NYI VYPUSK 35 KRAIVEDENIE [JOURNAL OF ABSTRACTS SEPARATE ISSUE 35: REGIONAL STUDIES]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 10, Oct 1962.

REFERATIVNYI ZHURNAL: GEOGRAFIIA [JOURNAL OF ABSTRACTS GEOGRAPHY] Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 10, Oct 1962.

RUSSKIE UCHENYE ISSLEDOVATELI SREDNEI AZII [RUSSIAN SCIENTIST EXPLORERS OF CENTRAL ASIA]. Issued by Otdel dorevoliutsionnykh fondov Tsentral'nogo gosudarstvennogo arkhiva UzSSR [Department of Prerevolutionary Materials of the Central Archives of the Uzbek S.S.R.]. Tashkent, vol. 1, 1961.
Contents [G. D. Romanovskii, collected documents] G. D. Romanovskii, sbornik dokumentov. 298 p.

VOKRUG SVETA [AROUND THE WORLD]. Issued by Tsentral'nyi komitet Vsesoiuznogo Leninskogo Kommunisticheskogo soiuza molodezhi [Central Committee of the All-Union Communist Youth League of Lenin]. Moscow, no. 8, Aug. 1962.

VOPROSY GEOGRAFII [PROBLEMS OF GEOGRAPHY]. Published by Moskovskii filial Geograficheskogo obshchestva SSSR [Moscow Chapter of the Geographic Society of the U.S.S.R.]. Moscow, no. 58, 1962.

c. GEOLOGY & PALEONTOLOGY

AKADEMIIA NAUK ARMIANSKOI SSR, Erivan. Izvestiia. Geologicheskie i geograficheskie nauki [ACADEMY OF SCIENCES OF THE ARMENIAN S.S.R. Bulletin. Geological and Geographical Sciences]. Erivan, vol. 15, no. 4, 1962.

AKADEMIIA NAUK GRUZINSKOI SSR, Tiflis. Geologicheskii institut. Trudy. Geologicheskaia seriia [ACADEMY OF SCIENCES OF THE GEORGIAN S.S.R. Geological Institute. Transactions. Geological Series]. Tiflis, vol. 12(17), 1961.

AKADEMIIA NAUK GRUZINSKOI SSR, Tiflis. Geologicheskii institut. Trudy. Mineralogo-petrograficheskaia seriia [ACADEMY OF SCIENCES OF THE GEORGIAN S.S.R. Geological Institute. Transactions. Mineralogical and Petrographical Series] Tiflis, vol. 6, 1961.

AKADEMIIA NAUK SSSR. Izvestiia. Seriia geologicheskaia [ACADEMY OF SCIENCES OF THE U.S.S.R. Bulletin. Geological Series]. Moscow, vol. 27, no. 9, Sep. 1962

AKADEMIIA NAUK SSSR. Geologicheskii institut. Trudy [ACADEMY OF SCIENCES OF THE U.S.S.R. Geological Institute. Transactions] Moscow, no. 66, 1962
Contents. Alekseev, M. N. and others. [Stratigraphy and correlation of Neogene and Quaternary sediments in the northeastern part of the Siberian Platform and its eastern fold margin] Stratigrafiia i korrelatsiia neogenovykh i chetvertichnykh otlozhenii severo-vostochnoi chasti Sibirskoi platformy i ee vostochnogo skladchatogo obramleniia 125 p

AKADEMIIA NAUK SSSR. Institut geologii rudnykh mestorozhdenii, petrografii, mineralogii i geokhimii. Trudy [ACADEMY OF SCIENCES OF THE U.S.S.R. Institute of the Geology of Ore Deposits, Petrology, Mineralogy, and Geochemistry. Transactions] Moscow, no. 70, 1962 Voprosy geokhimii [Problems of Geochemistry], vol. 3, no. 70, 1962. Shchelochnye porody Sibiri [Alkaline Rocks of Siberia]

AKADEMIIA NAUK SSSR. Laboratoriia gidrogeologicheskikh problem. Trudy [ACADEMY OF SCIENCES OF THE U.S.S.R. Laboratory for Hydrogeological Problems. Transactions]. Moscow, vol. 16, 1962
Contents. Bykova, V. S. [Loess types in the southern Ukraine and their engineering geological characteristics] Tipy lessovykh porod iuga Ukrainy i ikh inzhenerno-geologicheskaia kharakteristika. 165 p.

AKADEMIIA NAUK SSSR. Sibirskoe otdelenie. Vostochno-Sibirskii geologicheskii institut. Trudy. Seriia geologicheskaia. [ACADEMY OF SCIENCES OF THE U.S.S.R. Siberian Department. East Siberian Geological Institute. Transactions. Geological Series]. Moscow, no. 5, 1962.

AKADEMIIA NAUK URSR, Kiev. Instytut geologichnykh nauk. Seriia stratigrafii i paleontologii [ACADEMY OF SCIENCES OF THE UKRAINIAN S.S.R. Institute of Geological Sciences. Transactions. Stratigraphical and Paleontological Series]. Kiev, no. 41, 1962.

BAKU. AZERBAIDZHANSKII GOSUDARSTVENNYI UNIVERSITET. Uchenye zapiski. Geologo-geograficheskaia seriia [AZERBAIJAN STATE UNIVERSITY. Studies. Geological and Geographical Series]. No. 6, 1959, no. 4, 1960

GEOKHIMIIA [GEOCHEMISTRY] Issued by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.] Moscow, no. 8 1962.

GEOLOGICHNYI ZHURNAL [GEOLOGICAL JOURNAL]. Issued by Viddil khimichnykh i geologichnykh nauk Akademii nauk URSR and Holovne upravlinnia geologii i okhorony nadr pry Radi Ministriv URSR [Department of Chemical and Geological Sciences of the Academy of Sciences of the Ukrainian S.S.R. and Main Administration of the Geology and Conservation of Mineral Resources, Attached to the Council of Ministers of the Ukrainian S.S.R.]. Kiev, vol. 22, no. 4, 1962.

KATALOG KARPATS'KYKH ZEMLETRUSIV [CATALOG OF CARPATHIAN EARTHQUAKES]. Issued by L'vivs'kyi filial Instytutu geofizyky Akademii nauk Ukrains'koi RSR [Lvov Branch of the Institute of Geophysics of the Academy of Sciences of the Ukrainian S.S.R.]. Kiev, no. 1(4), 1958.

KORA VYVETRIVANNIA [WEATHERING ZONE, Issued by Institut geologii rudnykh mestorozhdenii, petrografii, mineralogii i geokhimii [Institut of the Geology of Ore Deposits, Petrology, Mineralogy, and Geochemistry]. Moscow, no 4, 1962.

LENINGRAD NAUCHNO-ISSLEDOVATEL'SKII INSTITUT GEOLOGII ARKTIKI. Trudy [SCIENTIFIC RESEARCH INSTITUTE OF ARCTIC GEOLOGY. Transactions]. Vol. 115, 1961.
Contents. Dementskaia, R. M. [Basic characteristics of the crustal structure based on geophysical data] Osnovnye cherty stroeniia kory Zemli po geofizicheskim dannym. 221 p.
[MICROFILM]

Vol. 121, 1962.
Sbornik statei po geologii i neftegazonosnosti Arktiki [Papers on the Geology and Oil and Gas Potentials of the Arctic], no. 13.

LENINGRAD. VSESOIUZNYI GEOLOGICHESKII INSTITUT. Trudy [ALL-UNION GEOLOGICAL INSTITUTE. Transactions]. Moscow, vol. 72, 1962, vol. 73, 1962, Petrograficheskii sbornik [Petrographic Papers], no. 4, vol 74, 1962.

LIETUVOS TSR MOKSLU AKADEMIJA, Vilna Geologijos ir geografijos institutas Mokslinial pranesimai. Nauchnye soobshcheniia Instituta geologii i geografii Akademii nauk Litovskoi SSR [ACADEMY OF SCIENCES OF THE LITHUANIAN S.S.R. Institute of Geology and Geography Scientific Reports]. Vilnius, vols. 13-14, 1962

MOSCOW. UNIVERSITET. Vestnik. Seriia 4 Geologiia [UNIVERSITY. Review. Series 4 Geology]. Vol. 17, no 4, July-Aug. 1962.

NOVOSTI KARSTOVEDENIIA I SPELEOLOGII [NEW DEVELOPMENTS IN SPELEOLOGY AND THE STUDY OF KARST PHENOMENA]. Issued by Mezhvedomstvennaia komissiia po izucheniiu geologii i geografii karsta Otdeleniia geologo-geograficheskikh nauk Akademii nauk SSSR [Interdepartmental Committee for the Study of the Geology and Geography of Karst of the Department of Geological and Geographical Sciences of the Academy of Sciences of the U.S.S.R.]. Moscow, no 2, 1961.

PALEONTOLOGICHESKII SBORNIK [PALEONTOLOGICAL PAPERS]. Issued by L'vovskoe geologicheskoe obshchestvo pri L'vovskom gosudarstvennom universitete [Lvov Geological Society, Attached to the Lvov State University]. Lvov, no. 1, 1961

PALEONTOLOGICHESKII ZHURNAL [PALEONTOLOGICAL JOURNAL]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.] Moscow, no. 3, 1962.

REFERATIVNYI ZHURNAL: GEOLOGIIA [JOURNAL OF ABSTRACTS: GEOLOGY]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.] Moscow, no. 10, Oct 1962 Avtorskii ukazatel', 1961 god [Author Index, 1961], publ 1962

SIBIRSKII NAUCHNO-ISSLEDOVATEL'SKII INSTITUT GEOLOGII, GEOFIZIKI I MINERAL'NOGO SYR'IA. Trudy [SIBERIAN SCIENTIFIC RESEARCH INSTITUTE OF GEOLOGY, GEOPHYSICS, AND MINERAL RESOURCES. Transactions]. Leningrad, no. 8, 1960, nos. 15, 17, 1961.

SOVETSKAIA GEOLOGIIA [SOVIET GEOLOGY]. Organ of Ministerstvo geologii i okhrany nedr SSSR [Ministry of Geology and the Conservation of Mineral Resources of the U.S.S.R.]. Moscow, vol. 5, no. 8, Aug 1962

UZBEKSKII GEOLOGICHESKII ZHURNAL [UZBEK GEOLOGICAL JOURNAL]. Issued by Akademiia nauk Uzbekskoi SSR [Academy of Sciences of the Uzbek S.S.R.]. Tashkent, vol. 6, no. 4, 1962.

13. SCIENCE

a. GENERAL

, Erivan Izvestiia, k [ACADEMY OF , R. Bulletin. l Sciences]. Erivan,

* AKADEMIIA NAUK SSSR. Doklady [ACADEMY OF SCIENCES OF THE U.S.S.R. Reports]. Moscow, vol. 146, nos. 1-2, Sep, 1962.

AKADEMIIA NAUK SSSR. Institut istorii estestvoznaniia i tekhniki. Trudy [ACADEMY OF SCIENCES OF THE U.S.S.R. Institute of the History of Natural Sciences and Technology. Transactions]. Moscow, vol. 40, 1962.

FAN VA TURMUSH [SCIENCE AND LIFE]. Issued by Akademiia nauk Uzbekskoi SSR [Academy of Sciences of the Uzbek S.S.R.]. Tashkent, nos. 8(60)-9(67), Aug.-Sep, 1962. [In Uzbek]

MOKSLAS IR GYVENIMAS [SCIENCE AND LIFE]. Issued by Lietuvos TSR Politiniu ir mokslinliu zinliu skleidimo draugija [Society for Dissemination of Political and Scientific Knowledge of the Lithuanian S.S.R.]. Vilnius, no. 10(61), Oct. 1962. [In Lithuanian]

NOVYE KNIGI ZA RUBEZHOM. Seriia A Matematika, mekhanika, astronomiia, fizika, geofizika, khimiia, geologiia [NEW FOREIGN BOOKS Series A Mathematics, Mechanics, Astronomy, Physics, Geophysics, Chemistry, Geology]. Published by Izdatel'stvo Inostrannoi literatury [Publishing House of Foreign Literature] Moscow, no 10, Oct. 1962

PRIRODA [NATURE]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 51, nos. 7-9, July-Sep 1962.

ZNANIE - SILA [KNOWLEDGE IS POWER]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po professional'no-tel khicheskomu obrazovaniiu [State Committee of the Council of Ministers of the U.S.S.R. for Industrial Training]. Moscow, vol 37, nos. 5-7, May-July 1962

b ASTRONOMY

AKADEMIIA NAUK KAZAKHSKOI SSR, Alma-Ata. Astrofizicheskii institut. Izvestiia [ACADEMY OF SCIENCES OF THE KAZAKH S.S.R. Astrophysical Institute Bulletin]. Alma-Ata, vol 2, 1960. [PHOTOCOPY]

AKADEMIIA NAUK SSSR. Institut teoreticheskoi astronomii. Biulleten' [ACADEMY OF SCIENCES OF THE U.S.S.R. Institute of Theoretical Astronomy Bulletin]. Leningrad, vol 8, no. 7(100), 1962.

AKADEMIIA NAUK SSSR. Institut teoreticheskoi astronomii. Rezul'taty nabliudenii amerikanskikh iskusstvennykh sputnikov Zemli [ACADEMY OF SCIENCES OF THE U.S.S.R. Institute of Theoretical Astronomy. Results of Observations of American Artificial Earth Satellites]. Moscow, no 12, 1962

AKADEMIIA NAUK SSSR. Institut teoreticheskoi astronomii. Rezul'taty nabliudenii sovetskikh iskusstvennykh sputnikov Zemli [ACADEMY OF SCIENCES OF THE U.S.S.R. Institute of Theoretical Astronomy. Results of Observations of Soviet Artificial Earth Satellites] Moscow, nos. 53-54, 1962

LATVIJAS PADOMJU SOCIALISTISKAS REPUBLIKAS ZINATNU AKADEMIJA. Astrofizikas laboratorija. *Raksti. Trudy Astrofizicheskoi laboratorii Akademii nauk Latvitskoi SSR* [ACADEMY OF SCIENCES OF THE LATVIAN S.S.R. Astrophysical Laboratory. Transactions]. Riga, vol 6, 1961.

MOSCOW. TSENTRAL'NYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT GEODEZII, AEROS"EMKI I KARTOGRAFII. Trudy [CENTRAL SCIENTIFIC RESEARCH *INSTITUTE OF GEODESY*, AERIAL PHOTOGRAPHY, AND CARTOGRAPHY. Transactions]. No. 147, 1962.

MOSCOW. UNIVERSITET. Gosudarstvennyi astronomicheskii institut. Soobshcheniia [UNIVERSITY. State Astronomical Institute. Reports]. No. 126, 1962

REFLIRATIVNYI ZHURNAL ASTRONOMIIA I GEODEZIIA [JOURNAL OF ABSTRACTS: ASTRONOMY AND GEODESY] Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.] Moscow, no. 10, Oct. 1962.

RUSSIA (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii, geodeziia i aerofotos"emka [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning, Geodesy and Aerial Photography]. Moscow, no. 2, 1962.

TARTU. ASTRONOOMIA OBSERVATOORIUM. Publikatsioonid. Publikatsii Tartuskoi astronomicheskoi observatorii [ASTRONOMICAL OBSERVATORY. Publications]. Vol. 33, no. 7/8, 1961

c BIOLOGY

AKADEMIIA NAUK AZERBAIDZHANSKOI SSR, Baku. Izvestiia. Seriia biologicheskikh i meditsinskikh nauk [ACADEMY OF SCIENCES OF THE AZERBAIJAN S.S.R. Bulletin. Series in the Biological and Medical Sciences]. Baku, nos. 3, 5, 1962.

AKADEMIIA NAUK SSSR. Izvestiia, Seriia biologicheskaia [ACADEMY OF SCIENCES OF THE U.S.S.R. Bulletin. Biological Series]. Moscow, vol. 27, no. 4, July-Aug. 1962.

AKADEMIIA NAUK TURKMENSKOI SSR, Ashkhabad. Izvestiia. Seriia biologicheskikh nauk [ACADEMY OF SCIENCES OF THE TURKMEN S.S.R. Bulletin. Series in the Biological Sciences]. Ashkhabad, nos. 3-4, 1962.

ARKHIV ANATOMII, GISTOLOGII I EMBRIOLOGII [ARCHIVES OF ANATOMY, HISTOLOGY, AND EMBRYOLOGY]. Issued by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U.S.S.R.] Moscow, vol. 43, no 7, July 1962

BOTANICHESKII ZHURNAL [BOTANICAL JOURNAL]. Organ of Vsesoiuznoe botanicheskoe obshchestvo [ALL-Union Botanical Society] Moscow, vol 47, no. 7, July 1962.

* FIZIOLOGIIA RASTENII [PHYSIOLOGY OF PLANTS]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol 9, no. 4, 1962.

IUNYI NATURALIST [YOUNG NATURALIST] Issued by TSentral'nyi komitet Vsesoiuznogo Leninskogo kommunisticheskogo soiuza molodezhi and TSentral'nyi sovet Vsesoiuznoi pionerskoi organizatsii imeni V.I. Lenina [Central Committee of the All-Union Communist Youth League of Lenin and Central Council of the All-Union Lenin Pioneers] Moscow, no. 8, Aug. 1962

MOSCOW. UNIVERSITET. Vestnik. Seriia 6 Biologiia, pochvovedenie [UNIVERSITY. Review. Series 6 Biology, Soil Science]. Vol. 17, no. 4, July-Aug. 1962.

REFERATIVNYI ZHURNAL BIOLOGIIA [JOURNAL OF ABSTRACTS: BIOLOGY] Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific information of the Academy of Sciences of the U.S.S.R.] Moscow, nos. 19-20, Oct 1962.

** TSITOLOGIIA [CYTOLOGY]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 4, no. 4, July-Aug. 1962.

UKRAINS'KYI BOTANICHNYI ZHURNAL [UKRAINIAN BOTANICAL JOURNAL]. Issued by Instytut botaniky Akademii nauk URSR [Botanical Institute of the Academy of Sciences of the Ukrainian S.S.R.]. Kiev, vol. 19, no 4, 1962.

* USPEKHI SOVREMENNOI BIOLOGII [PROGRESS IN CONTEMPORARY BIOLOGY]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 53, no. 3, May - June 1962.

ZHURNAL OBSHCHEI BIOLOGII [JOURNAL OF GENERAL BIOLOGY]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.] Moscow, vol. 23, no. 4, July-Aug. 1962

ZOOLOGICHESKII ZHURNAL [ZOOLOGICAL JOURNAL] Issued by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 41, no. 8, Aug. 1962.

d CHEMISTRY

EKSTRAKTSIIA, teoriia, primenenie, apparatura [EXTRACTION, Theory, Use, Apparatus]. Moscow, no. 2, 1962.

[MICROFILM]

KHIMIIA V SHKOLE [CHEMISTRY IN SCHOOLS]. Issued by Ministerstvo prosveshcheniia RSFSR [Ministry of Education of the R.S.F.S.R.]. Moscow, vol. 17, no. 5, Sep -Oct. 1962.

MOSCOW VSESOIUZNAIA GOSUDARSTVENNAIA BIBLIOTEKA INOSTRANNOI LITERATURY. Khimiia; sistematicheskii ukazatel' statei v inostrannykh zhurnalakh [ALL-UNION STATE LIBRARY OF FOREIGN LITERATURE. Chemistry, Classed Index of Articles in Foreign Periodicals]. Nos. 7(107)-8(108), 1962.

* USPEKHI KHIMII [PROGRESS IN CHEMISTRY]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 31, no. 9, Sep. 1962.

* ZHURNAL NEORGANICHESKOI KHIMII [JOURNAL OF INORGANIC CHEMISTRY]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 7, no. 9, Sep. 1962.

* ZHURNAL OBSHCHEI KHIMII [JOURNAL OF GENERAL CHEMISTRY]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 32, nos. 8-9, Aug.-Sep. 1962.

c. MATHEMATICS

AKADEMIIA NAUK KAZAKHSKOI SSR, Alma-Ata. Izvestiia. Seriia matematiki i mekhaniki [ACADEMY OF SCIENCES OF THE KAZAKH S.S.R. Bulletin. Series in Mathematics and Mechanics] Alma-Ata, no. 10(14), 1962.

AVTOMATICHESKOE UPRAVLENIE I VYCHISLITEL'NAIA TEKHNIKA [AUTOMATIC CONTROL AND COMPUTERS]. Issued by Gosudarstvennoe nauchno-tekhnicheskoe izdatel'stvo mashinostroitel'noi literatury [State Publishing House of Literature on Machinery Manufacture]. Moscow, no. 5, 1962.

CHEKHOSLOVATSKII MATEMATICHESKII ZHURNAL [CZECHOSLOVAK MATHEMATICAL JOURNAL]. Issued by Matematicheskii institut Chekhoslovatskoi akademii nauk [Institute of Mathematics of the Czechoslovak Academy of Sciences] Prague, vol. 12 (87), no. 3, Sep. 1962.

MATEMATICHESKII SBORNIK [MATHEMATICAL REVIEW]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 58(100), nos. 1-2, Sep.-Oct. 1962.

MATEMATIKA, periodicheskii sbornik perevodov inostrannykh statei [MATHEMATICS; Translations of Foreign Articles] Published by Izd-vo inostrannoi lit-ry [Publishing House of Foreign Literature] Moscow, vol. 6, no. 5, Sep.-Oct. 1962.

MOSCOW. UNIVERSITET. Vestnik. Seriia 1: Matematika, mekhanika [UNIVERSITY. Review. Series 1: Mathematics, Mechanics] Vol. 17, no. 5, Sep.-Oct. 1962.

* PRIKLADNAIA MATEMATIKA I MEKHANIKA [APPLIED MATHEMATICS AND MECHANICS]. Published by Institut mekhaniki Otdeleniia tekhnicheskikh nauk Akademii nauk SSSR [Mechanics Institute of the Technological Sciences Department of the Academy of Sciences of the U.S.S.R.]. Moscow, vol. 26, no. 5, Sep.-Oct. 1962.

RUSSIA (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii; matematika [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Mathematics]. Moscow, nos. 3(28), 5(30), 1962.

SIBIRSKII MATEMATICHESKII ZHURNAL [SIBERIAN MATHEMATICAL JOURNAL]. Issued by Sibirskoe otdelenie Akademii nauk SSSR [Siberian Branch of the Academy of Sciences of the U.S.S.R.]. Moscow, vol. 3, nos. 3, 5, May-June, Sep.-Oct. 1962

UKRAINSKII MATEMATICHESKII ZHURNAL [UKRAINIAN MATHEMATICAL JOURNAL]. Organ of Instytut matematiki Akademii nauk URSR [Institute of Mathematics of the Academy of Sciences of the Ukrainian S.S.R.]. Kiev, vol. 14, no. 3, 1962.

f. PHYSICS

*AKADEMIIA NAUK SSSR. Izvestiia. Seriia fizicheskaia [ACADEMY OF SCIENCES OF THE U.S.S.R. Bulletin. Physical Series]. Moscow, vol. 26, no. 9, Sep. 1962.

AKADEMIIA NAUK SSSR. Institut fiziki Zemli. Trudy [ACADEMY OF SCIENCES OF THE U.S.S.R. Institute of Physics of the Earth. Transactions]. Moscow, no. 21(188), 1962. Voprosy inzhenernoi seismologii [Problems of Engineering Seismology], no. 0.

AKADEMIIA NAUK URSR, Kiev. Instytut geofizyky. Geofizicheskii sbornik [ACADEMY OF SCIENCES OF THE UKRAINIAN S.S.R. Institute of Geophysics. Geophysical Papers]. Kiev, no. 3(5), 1962. [MICROFILM]

AKADEMIIA NAUK UZBEKSKOI SSR, Tashkent. Izvestiia. Seriia fiziko-matematicheskikh nauk [ACADEMY OF SCIENCES OF THE UZBEK S.S.R. Bulletin. Series in the Physical and Mathematical Sciences]. Tashkent, vol. 6, nos. 2, 4, 1962.

CHEKHOSLOVATSKII FIZICHESKII ZHURNAL, CZECHOSLOVAK JOURNAL OF PHYSICS. Issued by Chekhoslovatskaia akademiia nauk [Czechoslovak Academy of Sciences]. Prague, vol. 12, no. 10, 1962.

EESTI NSV TEADUSTE AKADEEMIA. Fuusika ja astronoomia instituut. Uurimused. Trudy Instituta fiziki i astronomii Akademii nauk Estonskoi SSR [ACADEMY OF SCIENCES OF THE ESTONIAN S.S.R. Institute of Physics and Astronomy. Research on the Physics of the Atmosphere]. Tartu, no. 3, 1962.

EESTI NSV TEADUSTE AKADEEMIA. Fuusika ja astronoomia instituut. Uurimused. Trudy Instituta fiziki i astronomii Akademii nauk Estonskoi SSR [ACADEMY OF SCIENCES OF THE ESTONIAN S.S.R. Institute of Physics and Astronomy. Transactions]. Tartu, no. 18, 1962.

* FIZIKA TVERDOGO TELA [SOLID STATE PHYSICS]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 4, no. 9, Sep. 1962.

MERY I IZMERITEL'NYE PRIBORY [MEASURES AND MEASURING INSTRUMENTS. Issued by Komitet po delam mer i izmeritel'nykh priborov pri Sovete Ministrov SSSR [Committee on Measures and Measuring Instruments, Attached to the Council of Ministers of the U.S.S.R.]. Moscow, no. 43, 1961.

METEOROLOGIIA I GIDROLOGIIA [METEOROLOGY AND HYDROLOGY] Issued by Glavnoe upravlenie gidrometeorologicheskoi sluzhby pri Sovete Ministrov SSSR [Main Administration of Hydrometeorological Service, Attached to the Council of Ministers of the U.S.S.R.]. Moscow, no. 10, Oct 1962

MOSCOW. NAUCHNO-ISSLEDOVATEL'SKII INSTITUT AEROKLIMATOLOGII. Trudy [SCIENTIFIC RESEARCH INSTITUTE OF AEROCLIMATOLOGY. Transactions]. Moscow, no. 15, 1962.

MOSCOW. TSENTRAL'NYI INSTITUT PROGNOZOV. Trudy [CENTRAL WEATHER INSTITUTE. Transactions]. Nos. 101-102, 1962.

*OPTIKA I SPEKTROSKOPIIA [OPTICS AND SPECTROSCOPY]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 13, no. 3, Sep. 1962.

REFERATIVNYI ZHURNAL FIZIKA [JOURNAL OF ABSTRACTS: PHYSICS]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 10, Oct. 1962.

REFERATIVNYI ZHURNAL: GEOFIZIKA [JOURNAL OF ABSTRACTS: GEOPHYSICS]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no 10, Oct. 1962.

RUSSIA (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii; fizika [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning, Physics]. Moscow, no. 4, 1962.

*USPEKHI FIZICHESKIKH NAUK [PROGRESS IN THE PHYSICAL SCIENCES]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 78, no. 1, Sep. 1962.

VLADIVOSTOK. DAL'NEVOSTOCHNYI NAUCHNO-ISSLEDOVATEL'SKII GIDROMETEOROLOGICHESKII INSTITUT. Trudy [FAR EASTERN HYDROMETEOROLOGICAL SCIENTIFIC RESEARCH INSTITUTE. Transactions]. Leningrad, no. 14, 1962.

VOPROSY DINAMIKI I PROCHNOSTI [PROBLEMS OF DYNAMICS AND STRENGTH]. Issued by Institut avtomatiki i mekhaniki Akademii nauk Latviiskoi SSR [Institute of Automatic Control and Mechanics of the Academy of Sciences of the Latvian S.S.R.]. Riga, no. 8, 1962.

*ZHURNAL EKSPERIMENTAL'NOI I TEORETICHESKOI FIZIKI [JOURNAL OF EXPERIMENTAL AND THEORETICAL PHYSICS]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 42, nos. 5-6, May-June 1962; vol. 43, no. 1(7), July 1962.

14. MEDICINE

a. GENERAL

AKADEMIIA MEDITSINSKIKH NAUK SSSR, Moscow. Institut onkologii. Trudy [ACADEMY OF MEDICAL SCIENCES OF THE U.S.S.R. Institute of Oncology. Transactions] Leningrad, no. 4, 1962. (DNLM)

KARDIOLOGIIA [CARDIOLOGY]. Issued by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U.S.S.R.]. Moscow, vol. 2, no. 4, July-Aug. 1962. (DNLM)

KAZANSKII MEDITSINSKII ZHURNAL [KAZAN MEDICAL JOURNAL]. Organ of Ministerstvo zdravookhraneniia Tatarskoi ASSR and Sovet nauchnykh meditsinskikh obshchestv [Ministry of Health of the Tatar A.S.S.R. and the Council of Medical Societies]. Kazan, no. 3, May-June 1962.

KISHINEV. MOLDAVSKII NAUCHNO-ISSLEDOVATEL'SKII INSTITUT EPIDEMIOLOGII, MIKROBIOLOGII I GIGIENY. Trudy [MOLDAVIAN SCIENTIFIC RESEARCH INSTITUTE OF EPIDEMIOLOGY, MICROBIOLOGY, AND HYGIENE. Transactions]. No. 5, 1961.

KLINICHESKAIA MEDITSINA [CLINICAL MEDICINE]. Published by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U.S.S.R.]. Moscow, no. 12, 1961; vol. 40, no. 6, June 1962. (DNLM)

LIETUVOS TSR MOKSLU AKADEMIJA, Vilna. Eksperimentines medicinos institutas. Trudy Instituta eksperimental'noi meditsiny Akademii nauk Litovskoi SSR [ACADEMY OF SCIENCES OF THE LITHUANIAN S.S.R. Institute of Experimental Medicine. Transactions]. Vilnius, vol. 7, 1961. (DNLM)

MEDITSINSKAIA PARAZITOLOGIIA I PARAZITARNYE BOLEZNI [MEDICAL PARASITOLOGY AND PARASITOGENIC DISEASES]. Issued by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U.S.S.R.]. Moscow, no. 3, 1962. (DNLM)

*MEDITSINSKII REFERATIVNYI ZHURNAL [MEDICAL ABSTRACTS] Issued by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U.S.S.R.]. Moscow, Razdel [Section] 3, vol. 6, no. 10, Oct 1962, Razdel [Section] 4, vol. 6, no. 10, Oct. 1962. Razdel [Section] 5, vol. 6, nos 9-10, Sep.-Oct. 1962. Razdel [Section] 6, vol 6, no. 10, Oct. 1962. Razdel [Section] 7, vol. 6, no 10, Oct. 1962. Razdel [Section] 8, vol. 6, no. 10, Oct. 1962 Razdel [Section] 10, vol. 6, no. 10, Oct 1962.

NOUKOGUDE EESTI TERVISHOID [HEALTH SERVICE OF SOVIET ESTONIA]. Organ of Eesti NSV Tervisholu Ministeerium [Ministry of Health of the Estonian S.S.R.]. Tallinn, vol. 5, no. 3, May-June 1962. [In Estonian]

PEZIRIA SENETETSII [HEALTH SERVICE]. Organ of the Ministry of Health of the Moldavian S.S.R. Kishinev, vol 5, no. 4, July-Aug. 1962. [In Moldavian]

PREDEL'NO-DOPUSTIMYE KONTSENTRATSII ATMOSFERNYKH ZAGRIAZNENII [MAXIMUM PERMISSIBLE CONCENTRATIONS OF ATMOSPHERIC POLLUTION]. Issued by Komissiia po predel'no dopustimym kontsentratsiiam atmosfernykh zagriaznenii [Commission on Maximum Permissible Concentrations of Atmospheric Pollution]. Moscow, no. 6, 1962.

REFERATIVNYI ZHURNAL. OTDEL'NYI VYPUSK 36: MEDITSINSKAIA GEOGRAFIIA [JOURNAL OF ABSTRACTS. SEPARATE ISSUE 36: MEDICAL GEOGRAPHY]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 10, Oct. 1962.

SUDEBNO-MEDITSINSKAIA EKSPERTIZA [FORENSIC MEDICINE EXPERTISE]. Issued by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U.S.S.R.]. Moscow, vol. 5, no. 3, July-Sep. 1962.

SVEIKATOS APSAUGA [HEALTH SERVICE]. Issued by LTSR Sveikatos apsaugos ministerija [Ministry of Health of the Lithuanian S.S.R.]. Vilnius, vol. 7, no. 9(81), Sep. 1962. [In Lithuanian] (DNLM)

VESELIBA [HEALTH]. Issued by Latvijas PSR Veselibas aizsardzibas ministrija [Ministry of Health of the Latvian S.S.R.]. Riga, no. 10(53), Oct. 1962. [In Latvian]

* VOPROSY ONKOLOGII [PROBLEMS OF ONCOLOGY]. Issued by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U.S.S.R.]. Moscow, vol. 8, no. 6, 1962. (DNLM)

ZDOROV'E [HEALTH]. Issued by Ministerstvo zdravookhraneniia SSSR i RSFSR [Ministries of Health of the U.S.S.R. and the R.S.F.S.R.]. Moscow, vol. 8, no. 9(93), Sep. 1962.

ZDRAVOOKHRANENIE [HEALTH SERVICE]. Organ of Ministerstvo zdravookhraneniia Moldavskoi SSR [Ministry of Health of the Moldavian S.S.R.]. Kishinev, vol. 5, no. 4, July-Aug. 1962.

ZDRAVOOKHRANI'NIE ROSSIISKOI FEDERATSII [HEALTH SERVICE OF THE RUSSIAN FEDERATION]. Issued by Ministerstvo zdravookhraneniia RSFSR [Ministry of Health of the R.S.F.S.R.]. Moscow, vol 6, no. 7, July 1962.

b GYNECOLOGY, OBSTETRICS & PEDIATRICS

VOPROSY OKHRANY MATERINSTVA I DETSTVA [PROBLEMS OF MOTHER AND CHILD CARE]. Issued by Ministerstvo zdravookhraneniia RSFSR [Ministry of Health of the R.S.F.S.R.] Moscow, vol 7, no 8, Aug. 1962

c NEUROLOGY & PSYCHIATRY

OCHERKI KLINICHI'SKOI NEVROLOGII [STUDIES IN CLINICAL NEUROLOGY] Leningrad, no 1, 1962. (DNLM)

ZHURNAL NEVROPATOLOGII I PSIKHIATRII [JOURNAL OF NEUROPATHOLOGY AND PSYCHIATRY]. Issued by Vsesoiuznoe obshchestvo nevropatologov i psikhiatrov [All-Union Society of Neuropathologists and Psychiatrists]. Moscow, vol. 62, no. 7, 1962.

d OPHTHALMOLOGY & OTORHINOLARYNGOLOGY

VESTNIK OTORINOLARINGOLOGII [REVIEW OF OTORHINOLARINGOLOGY] Published by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U.S.S.R.]. Moscow, no 5, 1962.

e PATHOLOGY & THERAPEUTICS

ARKHIV PATOLOGII [ARCHIVES OF PATHOLOGY]. Published by Akademiia meditsinskikh nauk SSSR [Academy of Medical Sciences of the U.S.S.R.]. Moscow, no 7, 1962 (DHLM)

LABORATORNOE DELO [LABORATORY WORK]. Issued by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U.S.S.R.]. Moscow, vol. 8, no. 8, Aug. 1962.

PROBLEMY GEMATOLOGII I PERELIVANIIA KROVI [PROBLEMS OF HEMATOLOGY AND BLOOD TRANSFUSION]. Issued by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U.S.S.R.]. Moscow, no. 6, 1962. (DNLM)

TERAPEVTICHI'SKII ARKHIV [THERAPEUTIC ARCHIVES]. Published by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U.S.S.R.]. Moscow, no. 5, 1962. (DNLM)

VOPROSY KUROORTOLOGII, FIZIOTERAPII I LECHEBNOI FIZICHI'SKOI KUL'TURY [PROBLEMS OF RESORT THERAPY, PHYSICAL THERAPY, AND THERAPEUTIC PHYSICAL CULTURE]. Moscow, vol. 27, no. 3, May-June 1962. (DNLM)

MATERIA MEDICA

], Issued by Ministerstvo Ministry of Health of the .7, no.8, Aug. 1962

ZNNOST' SSSR [MEDICAL THE U.S.S.R.]. Organ of nenila SSSR [Ministry of Moscow, vol. 16, nos. 6, 7,

EI & NURSING

ELDSHER AND MIDWIFE]. vookhraneniia SSSR raneniia RSFSR [Ministry nd Ministry of Health of , vol. 27, no. 7, July 1962.

GIENE AND SANITATION], hraneniia SSSR e U.S.S.R.]. Moscow,].

EDICAL NURSE]. Issued raneniia RSFSR [Ministry R.]. Moscow, vol. 21,

h SURGERY & DENTISTRY

KLINICHESKAIA KHIRURGIIA [CLINICAL SURGERY] Kiev, no 7(247), July 1962. (DNLM)

LENINGRAD. GOSUDARSTVENNYI NAUCHNO-ISSLI'DOVATEL'SKII INSTITUT TRAVMATOLOGII I ORTOPEDII. Trudy [STATE SCIENTIFIC RESEARCH INSTITUTE OF TRAUMATOLOGY AND ORTHOPEDICS. Transactions] No 8, 1961. (DNLM)

ORTOPEDIIA, TRAVMATOLOGIIA I PROTEZIROVANIE [ORTHOPEDICS, TRAUMATOLOGY, AND PROSTHESIS]. Issued by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U.S.S.R.]. Moscow, vol. 23, no 6, June 1962. (DNLM)

STOMATOLOGIIA [STOMATOLOGY]. Issued by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U.S.S.R.]. Moscow, vol. 41, no. 4, July-Aug 1962. (DNLM)

VOPROSY NEIROKHIRURGII [PROBLEMS OF NEUROSURGERY]. Issued by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U.S.S.R.] Moscow, no. 4, 1962.

i VENEREOLOGY & DERMATOLOGY

VESTNIK DERMATOLOGII I VENEROLOGII [REVIEW OF DERMATOLOGY AND VENEREOLOGY]. Published by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U.S.S.R.]. Moscow, no. 8, 1962. (DNLM)

15. AGRICULTURE

a GENERAL

AGRIKUL'TURA SHI VITERITUL MOLDOVEI [AGRICULTURE AND ANIMAL HUSBANDRY OF MOLDAVIA] Kishinev, vol 7, no. 8, Aug. 1962. [In Moldavian] (DNAL)

AGROBIOLOGIIA [AGROBIOLOGY]. Issued by Vsesoiuznaia akademiia sel'skokhoziaistvennykh nauk imeni V.I.Lenina [All-Union Lenin Academy of Agricultural Sciences] Moscow, no 4(136), July-Aug. 1962

ARMENIAN S.S.R. Glavnoe upravlenie sel'skokhoziaistvennykh nauk i podgotovki kadrov. Izvestiia. Sel'skokhoziaistvennye nauki [Main Administration of Agricultural Sciences and Staff Training. Bulletin. Agricultural Sciences]. Erivan, vol. 5, no. 6, 1962.

EESTI POLLUMAJANDUSE AKADEEMIA, Tartu Teaduslike toode kogumik Sbornik nauchnykh trudov Estonskoi sel'skokhoziaistvennoi akademii [ESTONIAN AGRICULTURAL ACADEMY Papers]. Tartu, no. 21, 1961. (DNAL)

GIDROTEKHNIKA I MELIORATSIIA [HYDRAULIC ENGINEERING AND RECLAMATION]. Issued by Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U.S.S.R.]. Moscow, vol. 14, nos. 6, 8, June, Aug. 1962.

KHOČHAGHI KISHLOKI TOČHIKISTON [AGRICULTURE OF TAJIKISTAN] Organ of the Ministry of Agriculture of the Tajik S.S.R. Dushanbe, vol. 16, no. 7-8, July-Aug 1962. [In Tajik]

KOLKHOSPNYK UKRAINY [COLLECTIVE FARMER OF THE UKRAINE]. Issued by Ministerstvo sil's'koho hospodarstva URSR [Ministry of Agriculture of the Ukrainian S.S.R.]. Kiev, vol. 8, no. 10, Oct, 1962.

KOLKHOZNOE PROIZVODSTVO [COLLECTIVE FARM PRODUCTION]. Organ of Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U.S.S.R.]. Moscow, vol. 22, no. 10, Oct. 1962.

KRESTIANKA [THE PEASANT WOMAN]. Published by Izd-vo [Publishing House] "Pravda," Moscow, vol. 41, nos. 10-11, Oct.-Nov. 1962.

KYRGYZSTANDYN AIYL CHARBASY [AGRICULTURE OF KIRGHIZISTAN]. Issued by the Ministry of Agriculture of the Kirghiz S.S.R. Frunze, nos. 8-9, Aug.-Sep. 1962. [In Kirghiz]

MOSCOW INSTITUT INZHENEROV ZEMLEUSTROISTVA. Trudy [INSTITUTE OF LAND UTILIZATION ENGINEERS. Transactions]. No. 14, 1961.

MOSCOW. MOSKOVSKAIA SEL'SKOKHOZIAISTVENNAIA AKADEMIIA IM. TIMIRIAZEVA. Izvestiia [TIMIRIAZEV AGRICULTURAL ACADEMY OF MOSCOW. Bulletin]. Nos. 2-3, 1962

SEL'SKAIA HASPADARKA BELARUSI [AGRICULTURE OF WHITE RUSSIA] Issued by Ministerstvo sel'skai haspadarki Belaruskai SSR [Ministry of Agriculture of the White Russian S.S.R.]. Minsk, vol 10, no. 9(117), Sep. 1962

SEL'SKOE KHOZIAISTVO, sistematicheskii ukazatel' statei inostrannykh zhurnalakh [AGRICULTURE, Classed Index of Articles in Foreign Periodicals]. Issued by TSentral'naia nauchnaia sel'skokhoziaistvennaia biblioteka and Vsesoiuznaia gosudarstvennaia biblioteka inostrannoi literatury [Central Agricultural Library and the All-Union State Library of Foreign Literature] Moscow, nos. 6(84)-7(85), 1962.

SEL'SKOE KHOZIAISTVO KAZAKHSTANA [AGRICULTURE OF KAZAKHSTAN]. Issued by TSentral'nyi Komitet Kommunisticheskoi partii Kazakhstana [Central Committee of the Communist Party of Kazakhstan] Alma-Ata, vol. 10, nos 9-10, Sep.-Oct 1962.

SEL'SKOE KHOZIAISTVO KIRGIZII [AGRICULTURE OF KIRGHIZIA]. Issued by Ministerstvo sel'skogo khoziaistva Kirgizskoi SSR [Ministry of Agriculture of the Kirghiz S.S.R.]. Frunze, vol 8, no 9, Sep. 1962

SEL'SKOE KHOZIAISTVO PODMOSKOV'IA [AGRICULTURE OF THE MOSCOW REGION] Organ of Oblastnoe upravlenie sel'skogo khoziaistva [Province Administration of Agriculture] Moscow, vol 11, no. 10, Oct. 1962.

SEL'SKOE KHOZIAISTVO POVOLZH'IA [AGRICULTURE OF THE VOLGA VALLEY] Organ of Ministerstvo sel'skogo khoziaistva RSFSR [Ministry of Agriculture of the R.S.F.S.R.]. Saratov, vol. 6, no 9, Sep. 1962.

SEL'SKOE KHOZIAISTVO SEVERNOGO KAVKAZA [AGRICULTURE OF THE NORTHERN CAUCASUS] Organ of Ministerstvo sel'skogo khoziaistva RSFSR [Ministry of Agriculture of the R.S.F.S.R.] Krasnodar, vol. 5, no. 10, Oct 1962

SEL'SKOE KHOZIAISTVO SEVERO-ZAPADNOI ZONY [AGRICULTURE OF THE NORTHWESTERN ZONE]. Issued by Ministerstvo sel'skogo khoziaistva RSFSR [Ministry of Agriculture of the R.S.F.S.R.] Leningrad, vol 5, no 10, Oct 1962

SEL'SKOE KHOZIAISTVO SIBIRI [AGRICULTURE OF SIBERIA] Organ of Ministerstvo sel'skogo khoziaistva RSFSR [Ministry of Agriculture of the R.S.F.S.R.] Omsk, vol 7, no. 11, Nov. 1962.

SEL'SKOE KHOZIAISTVO TADZHIKISTANA [AGRICULTURE OF TAJIKISTAN]. Organ of Ministerstvo sel'skogo khoziaistva Tadzhikskoi SSR [Ministry of Agriculture of the Tajik S.S.R.] Dushanbe, vol. 16, no 10, Oct. 1962

SEL'SKOE KHOZIAISTVO UZBEKISTANA [AGRICULTURE OF UZBEKISTAN]. Issued by Ministerstvo sel'skogo khoziaistva Uzbekskoi SSR [Ministry of Agriculture of the Uzbek S.S.R.]. Tashkent, vol 23, no. 10, Oct 1962

SEL'SKOKHOZIAISTVENNAIA LITERATURA SSSR [AGRICULTURAL LITERATURE OF THE U.S.S.R.] Issued by TSentral'naia nauchnaia sel'skokhoziaistvennaia biblioteka [Central Agricultural Library]. Moscow, no 6, 1962

SOCIALISTINIS ZEMES UKIS [SOCIALIST AGRICULTURE]. Issued by Lietuvos TSR Zemes ukio ministerija [Ministry of Agriculture of the Lithuanian S.S.R.]. Vilnius, no. 10, Oct. 1962. [In Lithuanian]

SOTSIALISTICHESKOE SEL'SKOE KHOZIAISTVO AZERBAIDZHANA [SOCIALIST AGRICULTURE OF AZERBAIJAN] Issued by Ministerstvo proizvodstva i zagotovok sel'skokhoziaistvennykh produktov Azerbaidzhanskoi SSR [Ministry of the Production and Procurement of Agricultural Products of the Azerbaijan S.S.R.]. Baku, vol. 11, no. 10, Oct 1962.

SOTSIALISTLIK POLLUMAJANDUS [SOCIALIST AGRICULTURE]. Issued by Eesti NSV Pollumajandussaaduste Tootmise ja Varomise Ministeerium [Ministry of the Production and Procurement of Agricultural Products of the Estonian S.S.R.]. Tallinn, vol. 17, nos. 19-20, Oct. 1962. [In Estonian]

ÚZBEKISTON KISHLOK KHÚZHALIGI [AGRICULTURE OF UZBEKISTAN] Organ of Ministerstvo sel'skogo khozíaistva Uzbekskoi SSR [Ministry of Agriculture of the Uzbek S S R.] Tashkent, nos 4, 10, Apr , Oct. 1962. [In Uzbel.]

VESTNIK SEL'SKOKHOZIAISTVENNOI NAUKI [REVIEW OF AGRICULTURAL SCIENCE]. Issued by Ministerstvo sel'skogo khozíaistva Kazakhskoi SSR [Ministry of Agriculture of the Kazakh S.S R.]. Alma-Ata, vol 5, no. 7, July 1962.
(DNAL)

VESTNIK SEL'SKOKHOZIAISTVENNOI NAUKI [REVIEW OF AGRICULTURAL SCIENCE]. Issued by Ministerstvo sel'skogo khozíaistva SSSR [Ministry of Agriculture of the U S S R] Moscow, vol. 7, nos. 6, 8, June, Aug. 1962.

VISNYK SIL'S'KOHOSPODARS'KOI NAUKY [REVIEW OF AGRICULTURAL SCIENCE]. Issued by Ministerstvo sil's'koho hospodarstva Ukrains'koi RSR [Ministry of Agricultural Sciences of the Ukrainian S. S. R.]. Kiev, vol. 5, no 8, Aug. 1962

VOPROSY EROZII I POVYSHENIIA PRODUKTIVNOSTI SKLONOVYKH ZEMEL' MOLDAVII [PROBLEMS OF THE EROSION AND THE IMPROVEMENT OF PRODUCTIVITY OF THE SLOPING LANDS OF MOLDAVIA]. Issued by Akademiia nauk Moldavskoi SSR and Moldavskii nauchno-issledovatel'skii institut pochvovedeniia i agrokhimii [Academy of Sciences of the Moldavian S S R. and the Moldavian Scientific Research Institute of Soil Science and Agricultural Chemistry] Kishinev, vol. 1, 1961.

b. ANIMAL INDUSTRY

KONEVODSTVO I KONNYI SPORT [HORSE BREEDING AND EQUINE SPORTS]. Organ of Ministerstvo sel'skogo khozíaistva SSSR [Ministry of Agriculture of the U. S. S. R.]. Moscow, vol 32(107), no. 9, Sep. 1962.
(DNAL)

MOLOCHNOE I MIASNOE SKOTOVODSTVO [DAIRY AND BEEF CATTLE BREEDING]. Issued by Ministerstvo sel'skogo khozíaistva SSSR [Ministry of Agriculture of the U.S.S R]. Moscow, vol 7, nos 9-10, Sep-Oct. 1962
(DNAL)

OVTSEVODSTVO [SHEEP BREEDING] Issued by Ministerstvo sel'skogo khozíaistva SSSR [Ministry of Agriculture of the U.S.S R.]. Moscow, vol. 6, no 11, Nov 1960
(DNAL)

PCHELOVODSTVO [APICULTURE]. Issued by Ministerstvo sel'skogo khozíaistva SSSR [Ministry of Agriculture of the U S S R] Moscow, vol 39, no. 9, Sep 1962
(DNAL)

ROSTOVSKAIA OBLASTNAIA NAUCHNO-ISSLEDOVATEL'SKAIA VETERINARNAIA STANTSHA. Trudy [ROSTOV PROVINCE VETERINARY RESEARCH STATION. Transactions]. Rostov-on-Don, no. 12, 1960.
(DNAL)

RYBNOE KHOZIAISTVO [FISHERIES]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po rybnomu khozíaistvu [State Committee of the Council of Ministers of the U S S.R. for Fisheries]. Moscow, vol. 38, nos. 7-8, 1962.

RYBOVODSTVO I RYBOLOVSTVO [PISCICULTURE AND FISHING]. Issued by Ministerstvo sel'skogo khozíaistva SSSR [Ministry of Agriculture of the U S S R.] Moscow, vol. 5, no. 5, Sep.-Oct 1962.

SOTSIALISTYCHNE TVARYNNYTSTVO [SOCIALIST ANIMAL HUSBANDRY]. Organ of Ministerstvo sil's'koho hospodarstva URSR [Ministry of Agriculture of the Ukrainian S.S.R.]. Kiev, vol. 34, no. 6, June 1962.
(DNAL)

c. FORESTRY

AKADEMIIA NAUK SSSR Sibirskoe otdelenie. Institut lesa i drevesiny. Trudy [ACADEMY OF SCIENCES OF THE U.S.S.R. Siberian Department. Institute of Forest and Wood. Transactions]. Krasnoyarsk, vol. 52, 1962.

LATVIJAS PADOMJU SOCIALISTISKAS REPUBLIKAS ZINATNU AKADEMIJA Mezsaimniecibas problemu un kokvsneg kimijas instituts. Trudy Instituta lesokhoziaistvennykh problem i khimii drevesiny [ACADEMY OF SCIENCES OF THE LATVIAN S S R Institute of Forestry and Wood Chemistry Transactions] Riga, vol 24, 1962.

LESNAIA PROMYSHLENNOST' [FOREST INDUSTRIES]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po lesnoi, tsellyulozno-bumazhnoi, derevoobrabatyvaiushchei promyshlennosti i lesnomu khozíaistvu and Tsentral'noe pravlenie Nauchno-tekhnicheskogo obshchestva lesnoi promyshlennosti i lesnogo khozíaistva [State Committee of the Council of Ministers of the U.S.S.R. for Forest, Woodpulp, Paper, and Woodworking Industries and Forestry, and the Central Administration of the Scientific Technological Society of Forest Industries and Forestry]. Moscow, vol. 40, no. 7, July 1962

MASTER LESA [MASTER LUMBERMAN]. Issued by ProfSoiuza rabochikh lesnoi, bumazhnoi i derevoobrabatyvaiushchei promyshlennosti [Central Committee of the Trade Union of Workers of the Forest, Paper, and Woodworking Industries]. Moscow, vol 6, nos 9-10, Sep -Oct 1962

MUSU GIRIOS [OUR FORESTS] Issued by Lietuvos TSR Miskų ukio ir miško pramones ministerija and Gamtos apsaugos komitetas prie Lietuvos TSR Ministru Tarybos [Ministry of Forestry and Lumbering of the Lithuanian S S R. and the Committee on Conservation, Attached to the Council of Ministers of the Lithuanian S S.R.]. Vilnius, no. 10(171), Oct. 1962. [In Lithuanian]

d. PLANT CULTURE

KARTOFEL' I OVOSHCHI [POTATOES AND VEGETABLES]. Issued by Ministerstvo sel'skogo khozíaistva SSSR [Ministry of Agriculture of the U. S. S R]. Moscow, vol. 7, no. 9, Sep. 1962.
(DNAL)

KIEV. UKRAINS'KYI NAUKOVO-DOSLIDNYI INSTYTUT ZEMLEROBSTVA. Naukovi pratsi [UKRAINIAN SCIENTIFIC RESEARCH INSTITUTE OF AGRICULTURE. Studies]. Vol. 11, 1961.
(DNAL)

LEN I KONOPLIA [FLAX AND HEMP]. Issued by Ministerstvo sel'skogo khozíaistva SSSR [Ministry of Agriculture of the U. S. S. R.]. Moscow, vol. 7(24), no. 10, Oct. 1962.
(DNAL)

LENINGRAD. VSESOIUZNYI INSPITUT RASTENIEVODSTVA. Sbornik trudov aspirantov i molodykh nauchnykh sotrudnikov [ALL-UNION INSTITUTE OF PLANT CULTURE Papers by Graduate Students and Research Workers]. No. 1(5), 1960.
(DNAL)

SADOVODSTVO [HORTICULTURE] Organ of Ministerstvo sel'skogo khozíaistva SSSR [Ministry of Agriculture of the U S S. R] Moscow, vol 100, nos. 6, 10, June, Oct. 1962
(DNAL)

SAKHARNAIA SVEKLA [SUGAR BEETS]. Issued by Ministerstvo sel'skogo khozíaistva SSSR [Ministry of Agriculture of the U S.S.R]. Moscow, vol 7, nos. 7, 10, July, Oct 1962
(DNAL)

SELEKTSIIA I SEMENOVODSTVO [PLANT BREEDING AND SEED PRODUCTION]. Issued by Ministerstvo sel'skogo khozíaistva SSSR [Ministry of Agriculture of the U.S.S.R] Moscow, vol 27, no. 5, Sep - Oct. 1962.

SEL'SKOE KHOZIAISTVO ZA RUBEZHOM' RASTENIEVODSTVO [AGRICULTURE ABROAD: PLANT CULTURE]. Issued by Ministerstvo sel'skogo khozíaistva SSSR [Ministry of Agriculture of the U. S. S.R.]. Moscow, vol 8, no 8, 1962.
(DNAL)

SEL'SO; VSESOIUZNAIA KARTOTEKA OBMENA OPYTOM V SOTSIALISTICHESKOM SEL'SKOM KHOZIAISTVE. Kolkhoznoe zemledelie [SEL'SO; ALL-UNION PAMPHLET COLLECTION FOR THE EXCHANGE OF EXPERIENCE IN SOCIALIST AGRICULTURE. Collective Farming]. Organ of Ministerstvo sel'skogo khozíaistva SSSR [Ministry of Agriculture of the U.S.S.R.]. Moscow, vol. 20, no. 49, Apr. 1951.
(DNAL)

TSVETOVODSTVO [FLORICULTURE]. Issued by Ministerstvo sel'skogo khozíaistva SSSR [Ministry of Agriculture of the U.S.S.R.]. Moscow, vol. 5, nos. 4-5, 1962.
(DNAL)

ZEMLEDELIE [AGRICULTURE]. Issued by Ministerstvo sel'skogo khozíaistva SSSR [Ministry of Agriculture of the U. S. S. R.]. Moscow, vol. 24, no 8, Aug. 1962.

16. TECHNOLOGY

a. GENERAL

AKADEMIIA NAUK ARMIANSKOI SSR, Erivan Izvestiia Serila tekhnicheskikh nauk [ACADEMY OF SCIENCES OF THE ARMENIAN S.S.R Bulletin Series in the Technological Sciences]. Erivan, vol 15, no. 1, 1962

BIULLETEN' IZOBRETENII [BULLETIN ON INVENTIONS] Issued by Komitet po delam izobretenii i otkrytii pri Sovete Ministrov SSSR [Committee on Inventions and Discoveries, Attached to the Council of Ministers of the U S S.R] Moscow, vol. 39, nos 16-17, Aug.-Sep 1962.

INFORMATSIONNYI UKAZATEL' STANDARTOV [INFORMATION INDEX OF STANDARDS] Published by Gosudarstvennoe izdatel'stvo po standartizatsii [State Publishing House on Standardization] Moscow, vol. 23, no 4, 1962

IZOBRETATEL' I RATSIONALIZATOR [INVENTOR AND EFFICIENCY PROMOTER]. Issued by Vsesoiuznoe obshchestvo izobretatelei i ratsionalizatorov [All-Union Society of Inventors and Efficiency Promoters]. Moscow, nos. 8, 10, Aug., Oct. 1962

KHARKOV. POLITEKHNICHESKII INSTITUT. Trudy [POLYTECHNIC INSTITUTE. Transactions]. Vol. 29, no. 2, 1959. Voprosy ekonomiki promyshlennogo predpriiatiia [Problems of the Economics of an Industrial Enterprise]

LENINGRAD. POLITEKHNICHESKII INSTITUT. Trudy [POLYTECHNIC INSTITUTE. Transactions] No. 221, 1962

MOSCOW. GOSUDARSTVENNYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT NAUCHNOI I TEKHNICHESKOI INFORMATSII Biulleten' tekhniko-ekonomicheskoi informatsii [STATE SCIENTIFIC RESEARCH INSTITUTE OF TECHNICAL AND ECONOMIC INFORMATION. Bulletin of Technical and Economic Information] No 9, 1962.

NAUCHNO-TEKHNICHESKIE OBSHCHESTVA SSSR [SCIENTIFIC TECHNOLOGICAL SOCIETIES OF THE U. S. S. R.] Issued by Vsesoiuznyi sovet nauchno-tekhnicheskikh obshchestv [All-Union Council of Scientific Technological Societies] Moscow, vol. 4, no 10, Oct. 1962.

NOVOCHERKASSK. POLITEKHNICHESKII INSTITUT. Trudy [POLYTECHNIC INSTITUTE. Transactions]. Erivan vol 128, 1962.

NOVYE KNIGI ZA RUBEZHOM. Serila B Tekhnika [NEW FOREIGN BOOKS Series B Technology] Published by Izdatel'stvo Inostrannoi literatury [Publishing House of Foreign Literature]. Moscow, vol 6, no. 10, Oct 1962.

PROMYSHLENNOST' ARMENII [INDUSTRY OF ARMENIA.] Issued by Sovet narodnogo khoziaistva Armianskoi SSR [Economic Council of the Armenian S. S. R.]. Erivan, vol. 5, no. 9, Sep. 1962

REFERATIVNYI ZHURNAL. OTDEL'NYI VYPUSK 32: IZMERITEL'NAIA TEKHNIKA [JOURNAL OF ABSTRACTS. SEPARATE ISSUE 32: MEASUREMENT TECHNIQUES]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U. S S R.]. Moscow, nos. 19-20, Oct. 1962.

RUSSIA (1923- U.S.S.R.) Komitet standartov, mer i izmeritel'nykh priborov. Trudy institutov Komiteta [Committee of Standards, Measures, and Measuring Instruments Transactions of the Institutes of the Committee]. Moscow, no 60(120), 1962
Contents Pilipchuk, B.I [Review of hardness theories] Obzor teorii tverdosti. 110 p.

STANDARTIZATSIIA [STANDARDIZATION]. Issued by Komitet standartov, mer i izmeritel'nykh priborov pri Sovete Ministrov SSSR [Committee of Standards, Measures, and Measuring Instruments, Attached to the Council of Ministers of the U.S.S.R.]. Moscow, vol. 26, no. 9, Sep. 1962.

TEHNIKA JA TOOTMINE [TECHNOLOGY AND PRODUCTION]. Issued by Eesti NSV Ministrite Noukogu Riiklik Teaduslik-Tehniline Komitee and Eesti NSV Ametiühingute Noukogu [State Scientific Technological Committee of the Council of Ministers of the Estonian S.S.R.]. Tallinn, vol. 6, no. 10, Oct. 1962. [In Estonian]

TEKHNIKA - MOLODEZHI [TECHNOLOGY FOR YOUTH]. Issued by TSentral'nyi komitet Vsesoiuznogo leninskogo kommunisticheskogo soiuza molodezhi [Central Committee of the All-Union Communist Youth League of Lenin]. Moscow, vol. 30, no. 9, 1962.

*ZHURNAL TEKHNICHESKOI FIZIKI [JOURNAL OF TECHNICAL PHYSICS]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 32, no. 9, Sep. 1962.

b. AERONAUTICS

GRAZHDANSKAIA AVIATSIIA [CIVIL AVIATION]. Issued by Glavnoe upravlenie grazhdanskogo vozdushnogo flota pri Sovete Ministrov SSSR [Main Administration of Civil Aviation, Attached to the Council of Ministers of the U.S.S.R.]. Moscow, vol. 12, no. 11, Nov. 1955.
[PHOTOCOPY]

MOSCOW. AVIATSIONNYI INSTITUT. Trudy [AERONAUTICAL INSTITUTE. Transactions]. Nos. 145-146, 1962.

REFERATIVNYI ZHURNAL. OTDEL'NYI VYPUSK 41: RAKETNAIA TEKHNIKA I APPARATY KOSMICHESKOGO POLETA [JOURNAL OF ABSTRACTS. SEPARATE ISSUE 41: ROCKET ENGINEERING AND SPACE FLIGHT EQUIPMENT]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, nos. 19-20, Oct. 1962.

REFERATIVNYI ZHURNAL: VOZDUSHNYI TRANSPORT [JOURNAL OF ABSTRACTS: AIR TRANSPORTATION]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 10, Oct. 1962. [This journal is also issued in parts.]

RUSSIA (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii, aviatsionnaia tekhnika [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Aviation Engineering]. Moscow, vol. 5, no. 3, 1962.

VOPROSY RAKETNOI TEKHNIKI; sbornik perevodov i obzorov inostrannoi periodicheskoi literatury [PROBLEMS OF ROCKET ENGINEERING, Translations and Surveys of Foreign Periodical Literature]. Published by Izd-vo inostrannoi lit-ry [Publishing House of Foreign Literature]. Moscow, vol. 12, no. 10(94), 1962.

c. CHEMICAL TECHNOLOGY

AKADEMIIA NAUK URSR. Kiev. Instytut vykorystannia gazu. Trudy [ACADEMY OF SCIENCES OF THE UKRAINIAN S.S.R. Institute of Gas Utilization. Transactions]. Kiev, no. 0, 1961. Szhizhenie i razdelenie uglevodorodnykh gazov [Liquifaction and Separation of Hydrocarbon Gases], no. 2.

GIDROLIZNAIA I LESOKHIMICHESKAIA PROMYSHLENNOST' [OILS AND FATS INDUSTRY]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po koordinatsii nauchno-issledovatel'skikh rabot and TSentral'noe pravlenie Nauchno-tekhnicheskogo obshchestva pishchevoi promyshlennosti [State Committee of the Council of Ministers of the U.S.S.R. for the Coordination of Research and the Central Administration of the Scientific Technological Society of the Food Industry]. Moscow, vol. 28, no. 9, Sep. 1962.

MASLOBOINO-ZHIROVAIA PROMYSHLENNOST' [OILS AND FATS INDUSTRY]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po koordinatsii nauchno-issledovatel'skikh rabot and TSentral'noe pravlenie Nauchno-tekhnicheskogo obshchestva pishchevoi promyshlennosti [State Committee of the Council of Ministers of the U.S.S.R. for the Coordination of Research and the Central Administration of the Scientific Technological Society of the Food Industry]. Moscow, vol. 28, no. 9, Sep. 1962.

KONSERVNAIA I OVOSHCHESUSHIL'NAIA PROMYSHLENNOST' [THE CANNING AND DEHYDRATED VEGETABLE INDUSTRY]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po koordinatsii nauchno-issledovatel'skikh rabot and TSentral'noe pravlenie Nauchno-tekhnicheskogo obshchestva pishchevoi promyshlennosti [State Committee of the Council of Ministers of the U.S.S.R. for the Coordination of Research and the Central Administration of the Scientific Technological Society of the Food Industry]. Moscow, vol. 17, no. 10, Oct. 1962.

MOSCOW. NAUCHNO-ISSLEDOVATEL'SKII KINOFOTOINSTITUT. Trudy [SCIENTIFIC RESEARCH INSTITUTE OF MOTION PICTURES AND PHOTOGRAPHY. Transactions]. No. 15, 1962.

REFERATIVNYI ZHURNAL. OTDEL'NYI VYPUSK 34: KOMPRESSORY I KHOLODIL'NAIA TEKHNIKA [JOURNAL OF ABSTRACTS. SEPARATE ISSUE 34: COMPRESSORS AND REFRIGERATION ENGINEERING]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, nos. 19-20, Oct. 1962.

REFERATIVNYI ZHURNAL. OTDEL'NYI VYPUSK 47: KHIMICHESKOE MASHINOSTROENIE [JOURNAL OF ABSTRACTS. SEPARATE ISSUE 47 CHEMICAL MACHINERY MANUFACTURE]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 20, Nov. 1962.

RYBNAIA PROMYSHLENNOST' [FISHING INDUSTRY]. Issued by Vsesoiuznyi nauchno-issledovatel'skii institut morskogo rybnogo khoziaistva i okeanografii [All-Union Scientific Research Institute of Marine Fisheries and Oceanography] Moscow, nos. 51, 54, 59, 1959-1961.

*STEKLO I KERAMIKA [GLASS AND CERAMICS]. Issued by Gosudarstvennyi komitet Soveta Ministrov SSSR po delam stroitel'stva [State Committee of the Council of Ministers of the U.S.S.R. for Construction]. Moscow, vol. 19, nos. 8-9, Aug.-Sep. 1962.

d. CIVIL & CONSTRUCTION ENGINEERING

AKADEMIIA STROITEL'STVA I ARKHITEKTURY SSSR. Institut betona i zhelezobetona, Perovo. Trudy [ACADEMY OF CONSTRUCTION AND ARCHITECTURE OF THE U.S.S.R. Institute of Concrete and Reinforced Concrete. Transactions]. Moscow, no. 27, 1962.

AKADEMIIA STROITEL'STVA I ARKHITEKTURY SSSR. Institut stroitel'nykh konstruktsii. Trudy [ACADEMY OF CONSTRUCTION AND ARCHITECTURE OF THE U.S.S.R. Institute of Construction Design. Transactions]. Moscow, no. 11, 1962.

AVTOMOBIL'NYE DOROGI [HIGHWAYS]. Issued by Ministerstvo transportnogo stroitel'stva SSSR [Ministry of Construction for the Transportation Industry of the U.S.S.R.]. Moscow, vol. 25, no. 9(239), Sep. 1962.

BABUSHKIN, VSESOIUZNYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT TRANSPORTNOGO STROITEL'STVA. Trudy [ALL-UNION SCIENTIFIC RESEARCH INSTITUTE OF TRANSPORTATION CONSTRUCTION. Transactions]. No. 45, 1962. Voprosy proektirovaniia fundamentov iskusstvennykh sooruzhenii [Problems in Designing the Foundations of Engineering Structures]; no. 46, 1962.

BETON I ZHELEZOBETON [CONCRETE AND REINFORCED CONCRETE]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po delam stroitel'stva [State Committee of the Council of Ministers of the U.S.S.R. for Construction]. Moscow, vol. 8, no. 8, Aug. 1962.

BIULLETEN' STROITEL'NOI TEKHNIKI [BULLETIN OF CONSTRUCTION ENGINEERING]. Published by Gosudarstvennyi komitet Soveta Ministrov SSSR po delam stroitel'stva [State Committee of the Council of Ministers of the U.S.S.R. for Construction]. Moscow, vol. 19, no. 3, Mar. 1962.

BUDIVEL'NI MATERIALY I KONSTRUKTSII [BUILDING MATERIALS AND CONSTRUCTION ELEMENTS]. Issued by Derzhavnyi komitet Rady Ministriv URSR v spravakh budivnytstva and Akademiia budivnytstva i arkhitektury URSR [State Committee of the Council of Ministers of the U.S.S.R. for Construction and the Academy of Construction and Architecture of the Ukrainian S.S.R.]. Kiev, vol. 4, no. 2(5), Mar.-Apr. 1962.

GIDROTEKHNICHESKOE STROITEL'STVO [HYDROTECHNICAL CONSTRUCTION]. Organ of Ministerstvo stroitel'stva elektrostantsii SSSR [Ministry for the Construction of Electric Power Stations of the U.S.S.R.]. Moscow, vol. 32, no. 8, Aug. 1962.

ISSLEDOVANIIA PO MIKROKLIMATU NASELENNYKH MEST I ZDANII I PO STROITEL'NOI FIZIKE [RESEARCH ON THE MICROCLIMATE OF POPULATED PLACES AND BUILDINGS AND ON THE PHYSICS OF STRUCTURES]. Issued by Nauchno-issledovatel'skii institut gradostroitel'stva i raionnoi planirovki Akademii stroitel'stva i arkhitektury SSSR [Scientific Research Institute of City Development and Area Planning of the Academy of Construction and Architecture of the U.S.S.R.]. Moscow, no. 1, 1962.
[MICROFILM]

MEKHANIZATSIIA STROITEL'STVA [MECHANIZATION OF CONSTRUCTION]. Issued by Gosudarstvennyi komitet Soveta Ministrov SSSR po delam stroitel'stva and TSentral'noe pravlenie Nauchno-tekhnicheskogo obshchestva stroitel'noi industrii [State Committee of the Council of Ministers of the U.S.S.R. for Construction and the Central Administration of the Scientific Technological Society of the Construction Industry]. Moscow, vol 19, nos 4, 9, Apr., Sep. 1962

MONTAZHNYE I SPETSIALIZIROVANNYE RABOTY V STROITEL'STVE [ASSEMBLING AND SPECIALIZED OPERATIONS IN CONSTRUCTION]. Organ of Ministerstvo stroitel'stva RSFSR and TSentral'noe pravlenie Nauchno-tekhnicheskogo obshchestva stroitel'noi industrii [Ministry of Construction of the R.S.F.S.R and the Central Administration of the Scientific Technological Society of the Building Industry]. Moscow, vol. 24, no 9, Sep 1962

NA STROIKAKH ROSSII [AT RUSSIAN CONSTRUCTION PROJECTS]. Organ of Gosudarstvennyi komitet Soveta Ministrov RSFSR po delam stroitel'stva [State Committee of the Council of Ministers of the R.S.F.S.R.]. Moscow, vol. 3, nos. 4-5, Apr.-May 1962.

PROMYSHLENNOE STROITEL'STVO I INZHENERNYE SOORUZHENIIA [INDUSTRIAL CONSTRUCTION AND ENGINEERING STRUCTURES]. Issued by Naukovo-doslidnyi instytut vprovadzhennia peredovoho dosvidu v budivnytstvo i tekhnichnoi informatsii Akademii budivnytstva i arkhitektury URSR [Scientific Research Institute for the Introduction of Progressive Practices in Construction and of Technical Information of the Academy of Construction and Architecture of the Ukrainian S.S.R.]. Kiev, vol. 4, no. 4(17), July-Aug. 1962.

SIL'S'KE BUDIVNYTSTVO [RURAL CONSTRUCTION]. Issued by Ministerstvo vyrobnytstva i zahotivel' sil's'kohospodars'kykh produktiv Ukrains'koi RSR [Ministry of Production and Procurement of Agricultural Products of the Ukrainian S.S.R.]. Kiev, vol. 12, no. 8, Aug. 1962.

STROITEL'NYE MATERIALY [BUILDING MATERIALS]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po delam stroitel'stva [State Committee of the Council of Ministers of the U.S.S.R. for Construction]. Moscow, vol. 8, no. 8, Aug. 1962.

TRANSPORTNOE STROITEL'STVO [CONSTRUCTION FOR THE TRANSPORTATION INDUSTRY]. Organ of Ministerstvo transportnogo stroitel'stva SSSR [Ministry of Construction for the Transportation Industry of the U.S.S.R.]. Moscow, vol. 12, no. 8, Aug. 1962.

VODOSNABZHENIE I SANITARNAIA TEKHNIKA [WATER SUPPLY AND SANITARY ENGINEERING]. Issued by Gosudarstvennyi komitet Soveta Ministrov SSSR po delam stroitel'stva [State Committee of the Council of Ministers of the U.S.S.R. for Construction]. Moscow, nos. 7-8, July-Aug. 1962.

ZHILISHCHNOE STROITEL'STVO [HOUSING CONSTRUCTION]. Issued by Gosudarstvennyi komitet Soveta Ministrov SSSR po delam stroitel'stva and TSentral'noe pravlenie NTO stroitel'noi industrii [State Committee of the Council of Ministers of the U.S.S.R. for Construction and the Central Administration of the Scientific Technological Society of the Building Industry]. Moscow, nos. 3, 7-8, 1962.

e. ELECTRICAL ENGINEERING

ANNOTIROVANNYI UKAZATEL' LITERATURY PO RADIOELEKTRONIKE [ANNOTATED BIBLIOGRAPHY ON ELECTRONICS]. Moscow, vol. 18, nos. 18-19, 1962.

*ATOMNAIA ENERGIIA [ATOMIC ENERGY] Issued by Akademiia nauk SSSR and Gosudarstvennyi komitet Soveta Ministrov SSSR po ispol'zovaniiu atomnoi energii [Academy of Sciences of the U.S.S.R. and the State Committee on the Use of Atomic Energy of the Council of Ministers of the U.S.S.R.]. Moscow, vol. 13, nos. 3-4, Sep.-Oct. 1962

ATOMNAIA TEKHNIKA ZA RUBEZHOM [NUCLEAR ENGINEERING ABROAD]. Issued by Gosudarstvennyi Komitet Soveta Ministrov SSSR po ispol'zovaniiu atomnoi energii [State Committee of the Council of Ministers of the U.S.S.R for the Utilization of Atomic Energy]. Moscow, vol. 6, no. 10, Oct. 1962

*AVTOMATIKA I TELEMEKHANIKA [AUTOMATIC AND REMOTE CONTROL] Issued by Institut avtomatiki i telemekhaniki Akademii nauk SSSR [Institute of Automatic and Remote Control of the Academy of Sciences of the U.S.S.R.]. Moscow, vol. 23, no. 7, 1962.

AVTOMATIKA I TELEMEKHANIKA; sbornik statei [AUTOMATIC AND REMOTE CONTROL, Collected Papers]. Issued by Moskovskii inzhenerno-fizicheskii institut [Moscow Institut of Engineering Physics]. Moscow, no. 2, 1962.

AVTOMATIKA, TELEMEKHANIKA I SVIAZ' [AUTOMATIC CONTROL, REMOTE CONTROL, AND COMMUNICATIONS]. Organ of Ministerstvo putei soobshcheniia SSSR [Ministry of Railroad Transportation of the U.S.S.R.]. Moscow, vol. 6, no. 9, Sep. 1962.

ELEKTRICHESTVO [ELECTRICITY]. Organ of Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.] and others. Moscow, no. 9, Sep. 1962.

*ELEKTROSVIAZ' [TELECOMMUNICATION]. Organ of Ministerstvo sviazi SSSR and Nauchno-tekhnicheskoe obshchestvo radiotekhniki i elektrosviazi im A.S. Popova [Ministry of Communication of the U.S.S.R. and the A.S. Popov Scientific Technological Society of Radio Engineering and Telecommunication]. Moscow, vol. 16, nos. 8-10, Aug.-Oct. 1962.

ENERGETICHESKOE STROITEL'STVO; sbornik materialov po obmenu opytom [POWER CONSTRUCTION; Collection of Materials for the Exchange of Experience]. Issued by Tekhnicheskoe upravlenie Ministerstva stroitel'stva elektrostantsii SSSR [Technical Administration of the Ministry for the Construction of Electric Power Stations of the U.S.S.R.]. Moscow, no. 27, 1962.

MC [illegible]

PROMYSHLENNAIA ENERGETIKA [INDUSTRIAL POWER]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po koordinatsii nauchno-issledovatel'skikh rabot and Nauchno-tekhnicheskoe obshchestvo energeticheskoi promyshlennosti [State Committee of the Council of Ministers of the U.S.S.R. for the Coordination of Research and Scientific Technological Society of the Power Industry]. Moscow, vol. 17, no. 10, Oct. 1962.

RADIO [RADIO]. Organ of Ministerstvo sviazi SSSR and Vsesoiuznoe dobrovol'noe obshchestvo sodeistviia armii, aviatsii i flotu [Ministry of Communication of the U.S.S.R. and of the All-Union Volunteer Society for Assistance to the Army, Air Force, and Navy]. Moscow, no. 9, Sep. 1962.

*RADIOTEKHNIKA [RADIO ENGINEERING]. Organ of Nauchno-tekhnicheskoe obshchestvo radiotekhniki i elektrosviazi im. A.S. Popova [A.S. Popov Scientific Technological Society of Radio Engineering and Telecommunications]. Moscow, vol. 17, nos. 9-10, Sep.-Oct. 1962.

*RADIOTEKHNIKA I ELEKTRONIKA [RADIO ENGINEERING AND ELECTRONICS]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 7, no. 9, Sep. 1962.

REFERATIVNYI ZHURNAL. ELEKTROTEKHNIKA I ENERGETIKA [JOURNAL OF ABSTRACTS: ELECTRICAL ENGINEERING AND ELECTRIC POWER]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, nos. 18-19, Sep.-Oct. 1962.

REFERATIVNYI ZHURNAL. OTDEL'NYI VYPUSK 42 SILOVYE USTANOVKI [JOURNAL OF ABSTRACTS, SEPARATE ISSUE 42: POWER PLANTS]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, nos. 19-20, Oct. 1962.

* RUSSIA (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii; radiotekhnika [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning, Radio Engineering]. Moscow, vol. 5, no. 3, May-June 1962.

SVETOTEKHNIKA [ILLUMINATING ENGINEERING]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po avtomatizatsii i mashinostroeniia and TSentral'noe pravlenie Nauchno-tekhnicheskogo obshchestva energeticheskoi promyshlennosti [State Committee of the Council of Ministers of the U.S.S.R. for Automation and Machinery Manufacture and the Central Administration of the Scientific Technological Society of the Power Industry]. Moscow, vol. 8, no. 10, Oct. 1962.

VESTNIK ELEKTROPROMYSHLENNOSTI [REVIEW OF THE ELECTRICAL INDUSTRY]. Issued by Gosudarstvennyi komitet Soveta Ministrov SSSR po koordinatsii nauchno-issledovatel'skikh rabot [State Committee of the Council of Ministers of the U.S.S.R. on the Coordination of Research] and others. Moscow, vol. 33, no. 10, Oct. 1962.

*VESTNIK SVIAZI [COMMUNICATION REVIEW]. Issued by Ministerstvo sviazi SSSR and TSentral'nyi komitet Profsoiuza rabotnikov sviazi, rabochikh avtomobil'nogo transporta i shosseinykh dorog [Ministry of Communication of the U.S.S.R. and the Central Committee of the Trade Union of Communications Employees and Workers of Automotive Transportation and Highways]. Moscow, vol. 22, no. 9(270), Sep. 1962.

f. INDUSTRIES & TRADES

AKADEMIIA NAUK URSR, Kiev. Instytut elektrozvariuvannia. Avtomaticheskaia svarka [ACADEMY OF SCIENCES OF THE UKRAINIAN S.S.R. Institute of Electric Welding. Automatic Welding]. Kiev, vol. 15, no. 9(114), Sep. 1962.

BUMAZHNAIA PROMYSHLENNOST' [PAPER INDUSTRY]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po lesnoi, tsellulozno-bumazhnoi, derevoobrabatyvaiushchei promyshlennosti i lesnomu khoziaistvu and TSentral'noe pravlenie NTO bumazhnoi i derevoobrabatyvaiushchei promyshlennosti [State Committee of the Council of Ministers of the U.S.S.R. for the Forest, Woodpulp, Paper, and Woodworking Industries and Forestry, and the Central Administration of the Scientific Technological Society of the Paper and Woodworking Industry]. Moscow, vol. 37, no. 9, Sep. 1962.

* DEREVOOBRABATYVAIUSHCHAIA PROMYSHLENNOST' [WOODWORKING INDUSTRY]. Issued by Gosudarstvennyi komitet Soveta Ministrov SSSR po lesnoi, tsellulozno-bumazhnoi, derevoobrabatyvaiushchei promyshlennosti i lesnomu khoziaistvu, and TSentral'noe pravlenie NTO bumazhnoi i derevoobrabatyvaiushchei promyshlennosti [State Committee of the Council of Ministers of the U.S.S.R. for the Forest Woodpulp, Paper, and Woodworking Industries, and Forestry and the Central Administration of the Scientific Technological Society of the Paper and Woodworking Industry]. Moscow, vol. 11, no. 10, Oct. 1962.

KHARCHOVA PROMYSLOVIST' [FOOD INDUSTRY]. Issued by Instytut tekhnichnoi informatsii Derzhavnoho komitetu Rady Ministriv URSR po koordinatsii naukovodoslidnykh robit and Ukrains'ke naukovo-tekhnichne tovarystvo kharchovoi promyslovosti [Institute of Technical Information of the State Committee of the Council of Ministers of the Ukrainian S.S.R. for the Coordination of Research and the Ukrainian Scientific Technological Society of the Food Industry]. Kiev, no. 2(10), Apr.-June 1962.

KOZHEVENNO-OBUVNAIA PROMYSHLENNOST' [LEATHER AND FOOTWEAR INDUSTRY]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po koordinatsii nauchno-issledovatel'skikh rabot and TSentral'noe pravlenie NTO legkoi promyshlennosti [State Committee of the Council of Ministers of the U.S.S.R. for the Coordination of Research and the Central Administration of the Scientific Technological Society of Light Industry]. Leningrad, vol. 4, no. 9, Sep. 1962.

LITERATURA PO LESNOI I BUMAZHNOI PROMYSHLENNOSTI [LITERATURE ON FOREST AND PAPER INDUSTRIES] Issued by TSentral'naia nauchno-tekhnicheskaia biblioteka lesnoi i bumazhnoi promyshlennosti [Central Scientific and Technical Library of Forest and Paper Industries] Moscow, no. 61, 1962

MUKOMOL'NO-ELEVATORNAIA PROMYSHLENNOST' [FLOUR MILLING AND GRAIN STORAGE]. Organ of Gosudarstvennyi komitet zagotovok Soveta Ministrov SSSR [State Committee for Procurement of the Council of Ministers of the U.S.S.R.]. Moscow, vol. 28, no. 7, July 1962.

OBSHCHESTVENNOE PITANIE [PUBLIC FOOD SERVICE]. Issued by Ministerstvo torgovli RSFSR [Ministry of Commerce of the R.S.F.S.R.]. Moscow, no. 6, June 1962.

REFERATIVNYI ZHURNAL: LEGKAIA PROMYSHLENNOST' [JOURNAL OF ABSTRACTS: LIGHT INDUSTRY]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, nos. 19-20, Oct. 1962. [This journal is also issued in parts]

TEKSTIL'NAIA PROMYSHLENNOST' [TEXTILE INDUSTRY]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po koordinatsii nauchno-issledovatel'skikh rabot and TSentral'noe pravlenie Nauchno-tekhnicheskogo obshchestva legkoi promyshlennosti [State Committee of the Council of Ministers of the U.S.S.R. on Coordination of Research and the Central Administration of the Scientific Technological Society of Light Industry]. Moscow, vol. 22, no. 9, Sep. 1962.

g. MECHANICAL ENGINEERING

AKADEMIIA NAUK SSSR. Institut mashinovedeniia. Trudy. Seminar po teorii mashin i mekhanizmov [ACADEMY OF SCIENCES OF THE U.S.S.R. Institute of Mechanical Engineering. Transactions. Seminar on the Theory of Machines and Mechanisms]. Moscow, vol. 23, no. 91, 1962.

AVTOMOBIL'NAIA PROMYSHLENNOST' [AUTOMOBILE INDUSTRY]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po avtomatizatsii i mashinostroeniiu [State Committee of the Council of Ministers of the U.S.S.R. for Automation and Machinery Manufacture]. Moscow, vol. 28, no. 10, Oct. 1962.

AVTOMOBIL'NYI TRANSPORT [AUTOMOTIVE TRANSPORTATION]. Organ of Ministerstvo avtomobil'nogo transporta i shosseinykh dorog RSFSR and TSentral'nyi komitet Profsoiuza rabotnikov sviazi, rabochikh avtomobil'nogo transporta i shosseinykh dorog [Ministry of Automotive Transport and Highways of the R.S.F.S.R. and the Central Committee of the Trade Union of Communication, Automotive Transport, and Highway Workers]. Moscow, vol. 40, no. 9, Sep. 1962.

KUZNECHNO-SHTAMPOVOCHNOE PROIZVODSTVO [FORGING AND STAMPING]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po avtomatizatsii i mashinostroeniiu and Nauchno-tekhnicheskoe obshchestvo mashinostroitel'noi promyshlennosti [State Committee of the Council of Ministers of the U.S.S.R. for Automation and Machinery Manufacture and the Scientific Technological Society of the Machinery Industry]. Moscow, vol. 4, no. 9, Sep. 1962.

MASHINOSTROENIE [MACHINERY MANUFACTURE]. Issued by Institut tekhnicheskoi informatsii Gosudarstvennogo komiteta Soveta Ministrov USSR po koordinatsii nauchno-issledovatel'skikh rabot [Institute of Technical Information of the State Committee of the Council of Ministers of the Ukrainian S.S.R. on the Coordination of Research]. Kiev, no. 4, July-Aug. 1962.

MASHINOSTROITEL' [MACHINE BUILDER]. Organ of Nauchno-tekhnicheskoe obshchestvo mashinostroitel'noi promyshlennosti [Scientific-Technological Society of the Machinery Manufacturing Industry]. Moscow, no. 9, Sep. 1962.

MEKHANIKA, periodicheskii sbornik perevodov inostrannykh statei [MECHANICS, Translations of Foreign Articles] Published by Izd-vo inostrannoi lit-ry [Publishing House of Foreign Literature] Moscow, vol 13, no 4(74), 1963.

MEKHANIZATSIIA I AVTOMATIZATSIIA PROIZVODSTVA [MECHANIZATION AND AUTOMATION OF PRODUCTION]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po avtomatizatsii i mashinostroeniia [State Committee of the Council of Ministers of the U.S.S.R. for Automation and Machinery Manufacture]. Moscow, vol. 16, nos 8-9, Aug.-Sep. 1962.

MOSCOW. TEKHNOLOGICHESKII INSTITUT LEGKOI PROMYSHLENNOSTI. Nauchnye trudy [TECHNOLOGICAL INSTITUTE OF LIGHT INDUSTRY. Studies]. No. 23, 1961.

MOSCOW. VSESOIUZNYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT ZHELEZNODOROZHNOGO TRANSPORTA. Trudy [ALL-UNION SCIENTIFIC RESEARCH INSTITUTE OF RAILROAD TRANSPORTATION. Transactions]. Nos. 232-233, 1962.

MOSCOW. VSESOIUZNYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT ZHELEZNODOROZHNOGO TRANSPORTA. Vestnik [ALL-UNION SCIENTIFIC RESEARCH INSTITUTE OF RAILROAD TRANSPORTATION. Journal]. Vol. 21, no. 6, 1962.

*PRIBOROSTROENIE [INSTRUMENT MANUFACTURE] Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po avtomatizatsii i mashinostroeniia and TSentral'noe pravlenie Nauchno-tekhnicheskogo obshchestva priborostroitel'noi promyshlennosti [State Committee of the Council of Ministers of the U.S.S.R. for Automation and Machinery Manufacture and the Central Administration of the Scientific Technological Society of the Instrument Industry]. Moscow, nos. 8-9, Aug.-Sep. 1962.

PRYKLADNA MEKHANIKA [APPLIED MECHANICS]. Issued by Instytut budivel'noi mekhaniky Akademii nauk URSR [Institute of Structural Mechanics of the Academy of Sciences of the Ukrainian S.S.R.]. Kiev, vol 8, nos. 4-5, 1962

REFERATIVNYI ZHURNAL AVTOMOBIL'NYI I GORODSKOI TRANSPORT [JOURNAL OF ABSTRACTS: AUTOMOTIVE AND CITY TRANSPORTATION]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.] Moscow, no 10, Oct. 1962. [This journal is also issued in parts.]

REFERATIVNYI ZHURNAL: MASHINOSTROENIE [JOURNAL OF ABSTRACTS: MACHINERY MANUFACTURE] Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 20, Oct. 1962.

REFERATIVNYI ZHURNAL. OTDEL'NYI VYPUSK 31: VZAIMODEISTVIE RAZNYKH VIDOV TRANSPORTA I KONTEINERNYE PEREVOZKI [JOURNAL OF ABSTRACTS. SEPARATE ISSUE 31: CONTAINER SHIPMENTS AND THE INTERACTION OF VARIOUS TYPES OF TRANSPORTATION]. Issued by Institut nauchnoi informatsii akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.] Moscow no. 10, Oct 1962.

REFERATIVNYI ZHURNAL. OTDEL'NYI VYPUSK 41 TRAKTORY I SEL'SKOKHOZIAISTVENNYE MASHINY [JOURNAL OF ABSTRACTS. SEPARATE ISSUE 41. TRACTORS AND AGRICULTURAL MACHINERY]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.] Moscow, nos. 17, 19-20, Sep.-Oct. 1962.

REFERATIVNYI ZHURNAL. OTDEL'NYI VYPUSK 45 TRUBOPROVODNYI TRANSPORT [JOURNAL OF ABSTRACTS. SEPARATE ISSUE 45: PIPELINE TRANSPORTATION]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 10, Oct 1962

REFLRATIVNYI ZHURNAL OTDEL'NYI VYPUSK 46 FOTO-KINOAPPARATURA I OPTICHESKIE PRIBORY [JOURNAL OF ABSTRACTS. SEPARATE ISSUE 46: PHOTOGRAPHIC AND MOTION-PICTURE EQUIPMENT AND OPTICAL INSTRUMENTS]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 19, Oct. 1962.

REFERATIVNYI ZHURNAL. PROMYSHLENNYI TRANSPORT [JOURNAL OF ABSTRACTS: INDUSTRIAL TRANSPORTATION]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.] Moscow, no. 10, Oct. 1962. [This journal is also issued in parts.]

REFERATIVNYI ZHURNAL: ZHELEZNODOROZHNYI TRANSPORT [JOURNAL OF ABSTRACTS: RAILROAD TRANSPORTATION]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 10, Oct 1962. [This journal is also issued in parts.]

RUSSIA (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii; priborostroenie [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning, Instrument Manufacture]. Moscow, vol. 5, nos. 4-5, 1962.

*STANKI I INSTRUMENT [MACHINE TOOLS AND THEIR CUTTING TOOLS]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po avtomatizatsii i mashinostroeniia and TSentral'noe pravlenie Nauchno-tekhnicheskogo obshchestva mashinostroitel'noi promyshlennosti [State Committee of the Council of Ministers of the U.S.S.R. for Automation and Machinery Manufacture and the Central Administration of the Scientific Technological Society of the Machinery Industry]. Moscow, vol. 33, no. 9, Sep. 1962.

STROITEL'NYE I DOROZHNYE MASHINY [ROAD AND CONSTRUCTION MACHINERY] Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po avtomatizatsii i mashinostroeniia [State Committee of the Council of Ministers of the U.S.S.R. for Automation and Machinery Manufacture]. Moscow, vol. 7, no. 8, Aug. 1962.

*TEPLOENERGETIKA [HEAT ENGINEERING]. Organ of Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.] and others. Moscow, vol. 9, no. 10, Oct. 1962.

TRAKTORY I SEL'KHOZMASHINY [TRACTORS AND AGRICULTURAL MACHINERY]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po avtomatizatsii i mashinostroeniiu [State Committee of the Council of Ministers of the U.S.S.R. for Automation and Machinery Manufacture]. Moscow, vol. 32, no. 10, Oct. 1962.

*VESTNIK MASHINOSTROENIIA [MACHINE BUILDING REVIEW]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po koordinatsii nauchno-issledovatel'skikh rabot [State Committee of the Council of Ministers of the U.S.S.R. on the Coordination of Research] and others. Moscow, vol. 42, no. 9, Sep. 1962.

ZA RULEM [AT THE WHEEL]. Issued by Vsesoiuznoe dobrovol'noe obshchestvo sodeistviia armii, aviatsii i flotu [All-Union Volunteer Society for Assistance to the Army, Air Force, and Navy]. Moscow, vol. 20, no. 9, Sep. 1962.

ZHELEZNODOROZHNYI TRANSPORT [RAILROAD TRANSPORTATION]. Organ of Ministerstvo putei soobshcheniia SSSR [Ministry of Railroad Transportation of the U.S.S.R.]. Moscow, vol. 44, no. 9, Sep. 1962.

h. MINING & METALLURGY

AKADEMIIA NAUK SSSR. Sibirskoe otdelenie. Institut gornogo dela. Trudy [ACADEMY OF SCIENCES OF THE U.S.S.R. Siberian Department. Institute of Mining Transactions]. Moscow, no. 6, 1961.

AKADEMIIA NAUK URSR, Kiev. Instytut chornoi metalurgii. Trudy [ACADEMY OF SCIENCES OF THE UKRAINIAN S.S.R. Institute of Ferrous Metallurgy. Transactions]. Kiev, vol 18, 1962.

AKADEMIIA NAUK URSR, Kiev. Instytut lyvarnoho vyrobnytstva. Nauchnye trudy [ACADEMY OF SCIENCES OF THE UKRAINIAN S.S.R. Institute of Foundry Practice. Studies] Vol. 11, 1962.

*FIZIKA METALLOV I METALLOVEDENIE [THE PHYSICS OF METALS AND PHYSICAL METALLURGY]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Sverdlovsk, vol. 14, no. 3, Sep. 1962

GEOFIZICHESKAIA RAZVEDKA [GEOPHYSICAL PROSPECTING] Issued by Glavnoe upravlenie geologii i okhrany nedr pri Sovete Ministrov SSSR [Main Administration of Geology and the Conservation of Mineral Resources, Attached to the Council of Ministers of the U.S.S.R.]. Moscow, no. 9, 1962.

*GEOLOGIIA NEFTI I GAZA [THE GEOLOGY OF PETROLEUM AND GAS]. Organ of Ministerstvo geologii i okhrany nedr SSSR and Glavnoe upravlenie gazovoi promyshlennosti pri Sovete Ministrov SSSR [The Ministry of Geology and the Conservation of Mineral Resources of the U.S.S.R. and the Main Administration of the Gas Industry, Attached to the Council of Ministers of the U.S.S.R.]. Moscow, vol. 6, no. 8, Aug. 1962.

GORNYI ZHURNAL [MINING JOURNAL]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po koordinatsii nauchno-issledovatel'skikh rabot and TSentral'nye pravleniia Nauchno-tekhnicheskikh obshchestv chernoi i tsvetnoi metallurgii [State Committee of the Council of Ministers of the U.S.S.R. for the Coordination of Research and the Central Administrations of the Scientific Technological Societies of Ferrous and Nonferrous Metallurgy]. Moscow, no. 9, Sep. 1962.

*METALLURG [METALLURGIST] Issued by Gosudarstvennyi komitet Soveta Ministrov SSSR po chernoi i tsvetnoi metallurgii [State Committee of the Council of Ministers of the U.S.S.R. for Ferrous and Nonferrous Metallurgy] and others. Moscow, vol 7, nos 8-10, Aug.-Oct 1962

METALLURGICHESKAIA I GORNORUDNAIA PROMYSHLENNOST' [METALLURGICAL, MINING, AND ORE-DRESSING INDUSTRIES]. Issued by Institut tekhnicheskoi informatsii Gosudarstvennogo komiteta Soveta Ministrov Ukrainskoi SSR po koordinatsii nauchno-issledovatel'skikh rabot [Institute of Technical Information of the State Committee of the Council of Ministers of the Ukrainian S.S.R. for the Coordination of Research] Kiev, nos 3(15)-4(16), May-Aug 1962

MOSCOW. INSTITUT GORNOGO DELA. Nauchnye soobshcheniia [INSTITUTE OF MINING. Scientific Reports]. Vol. 12, 1961

MOSCOW. INSTITUT NEFTEKHIMICHESKOI I GAZOVOI PROMYSHLENNOSTI. Trudy [INSTITUTE OF THE PETROCHEMICAL AND GAS INDUSTRY. Transactions]. No. 38, 1962.

NEFTIANOE KHOZIAISTVO [PETROLEUM INDUSTRY]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po toplivnoi promyshlennosti [State Committee of the Council of Ministers of the U.S.S.R. for the Fuel Industry] and others. Moscow, vol. 40, no. 5, May 1962.

*OGNEUPORY [REFRACTORIES]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po chernoi i tsvetnoi metallurgii [State Committee of the Council of Ministers of the U.S.S.R. for Ferrous and Nonferrous Metallurgy] and others. Moscow, vol. 27, nos. 8, 10, 1962.

RAZVEDKA I OKHRANA NEDR [PROSPECTING AND CONSERVATION OF MINERAL RESOURCES]. Organ of Ministerstvo geologii i okhrany nedr SSSR and TsK Profsoiuza rabochikh geologorazvedochnykh rabot [Ministry of the Geology and Conservation of Mineral Resources of the U.S.S.R. and the Central Committee of the Trade Union of Workers Employed in Geological Prospecting]. Moscow, vol. 28, no. 9, Sep. 1962.

RUSSIA (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii, Chernaia metallurgiia [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Ferrous Metallurgy] Moscow, vol. 5, no. 8, 1962.

RUSSIA (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii, gornyi zhurnal [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Mining Journal] Moscow, vol. 5, no. 5, 1962.

SHAKHTNOE STROITEL'STVO [MINE CONSTRUCTION] Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po delam stroitel'stva and Gosudarstvennyi komitet Soveta Ministrov SSSR po toplivnoi promyshlennosti [State Committee of the Council of Ministers of the U.S.S.R. for Construction and the State Committee of the Council of Ministers of the U.S.S.R. for the Fuel Industry] Moscow, vol. 6, nos. 9-10, Sep.-Oct. 1962

SOVETSKII SHAKHTER [SOVIET MINER]. Issued by TSentral'nyi komitet Profsoiuza rabochikh ugol'noi promyshlennosti SSSR [Central Committee of the Trade Union of Workers of the Coal Industry of the U.S.S.R.]. Moscow, vol. 11, nos. 9-10, Sep.-Oct. 1962.

STROITEL'STVO TRUBOPROVODOV [PIPELINE CONSTRUCTION]. Issued by Glavnoe upravlenie gazovoi promyshlennosti pri Sovete Ministrov SSSR [Main Administration of the Gas Industry, Attached to the Council of Ministers of the U.S.S.R.]. Moscow, vol. 7, no. 8, Aug. 1962

UGOL' [COAL]. Issued by Gosudarstvennyi komitet Soveta Ministrov SSSR po toplivnoi promyshlennosti [State Committee of the Council of Ministers of the U.S.S.R. for the Fuel Industry] and others. Moscow, vol. 37, nos. 8(437)-9(438), Aug.-Sep. 1962.

UGOL' UKRAINY [COAL OF THE UKRAINE]. Issued by Gosudarstvennyi komitet Soveta Ministrov USSR po koordinatsii nauchno-issledovatel'skikh rabot [State Committee of the Council of Ministers of the Ukrainian S.S.R. for the Coordination of Research] Kiev, vol. 6, no. 9, Sep. 1962.

VSESOIUZNYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT METODIKI I TEKHNIKI RAZVEDKI. Trudy [ALL-UNION SCIENTIFIC RESEARCH INSTITUTE OF PROSPECTING METHODS AND EQUIPMENT. Transactions] Leningrad, no. 5, 1962.

VSESOIUZNYI NEFTEGAZOVYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT. Krasnodarskii filial. Trudy [ALL-UNION SCIENTIFIC RESEARCH INSTITUTE OF PETROLEUM AND NATURAL GAS. Krasnodar Branch. Transactions]. Moscow, no 9, 1962

VSESOIUZNYI NEFTEGAZOVYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT. Nauchno-tekhnicheskii sbornik po dobyche nefti [ALL-UNION PETROLEUM AND GAS SCIENTIFIC RESEARCH INSTITUTE Scientific and Technical Papers on Petroleum Production] Moscow, no. 1, 1958, no. 15, 1961, no 16, 1962.

VZRYVNOE DELO [BLASTING]. Issued by Nauchno-tekhnicheskoe gornoe obshchestvo [Scientific Technological Mining Society] Moscow, nos. 48/5, 50/7, 1962.

17. MILITARY & NAVAL SCIENCES

a. MILITARY SCIENCE

DOM UCHENYKH, Leningrad. Sbornik dokladov Voenno-istoricheskoi sektsii [HOUSE OF SCHOLARS. Reports of the Military History Section]. Moscow, no. 3, 1960

KOMMUNIST VOORUZHENNYKH SIL [COMMUNIST OF THE ARMED FORCES]. Issued by Glavnoe politicheskoe upravlenie Sovetskoi Armii i Voenno-Morskogo Flota [Main Political Administration of the Soviet Army and Navy]. Moscow, vol. 3, no. 19, Oct. 1962.

NASHA PEREKLICHKA [OUR ROLL CALL]. New York, vol. 3, nos. 30(130)-31/32(131/132), July-Sep. 1962.

NASHI VESTI [OUR NEWS] Published by Soiuz chlenov Russkogo korpusa [The Association of Members of the Russian Corps]. New York, vol. 10, nos. 192-a-194, June-Aug. 1962

SOVETSKII VOIN [SOVIET SOLDIER] Issued by Glavnoe politicheskoe upravlenie Sovetskoi Armii i Voenno-Morskogo Flota [Main Political Administration of the Soviet Army and Navy]. Moscow, vol. 14, no. 19(667), Oct. 1962.

VESTNIK PERVOPOKHODNIKA [HERALD OF THE FIRST CAMPAIGN VETERANS]. Issued by Upravlenie Kalifornitskogo obshchestva uchastnikov 1-go kubanskogo generala Kornilova pokhoda [Administration of the California Association of Veterans of General Kornilov's First Kuban Campaign]. Los Angeles, no 17, Sep 1962.

VOENNYE ZNANIIA [MILITARY KNOWLEDGE]. Organ of Vsesoiuznoe dobrovol'noe obshchestvo sodeistviia armii, aviatsii i flotu [All-Union Volunteer Society for Assistance to the Army, Air Force, and Navy] Moscow, vol. 38, no. 9, Sep. 1962.

b. NAVAL SCIENCE

LENINGRAD. TSENTRAL'NYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT MORSKOGO FLOTA Informatsionnyi sbornik [CENTRAL SCIENTIFIC RESEARCH INSTITUTE OF THE MERCHANT MARINE Information Bulletin] No. 68, 1961. Published also as Ekspluatatsiia morskogo flota [Operation and Maintenance of Merchant Ships], no. 11.

LENINGRAD. TSENTRAL'NYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT MORSKOGO FLOTA. Trudy [CENTRAL SCIENTIFIC RESEARCH INSTITUTE OF THE MERCHANT MARINE. Transactions]. No. 80, 1961.

RECHNOI TRANSPORT [INLAND WATER TRANSPORTATION]. Issued by Ministerstvo rechnogo flota [Ministry of the River Fleet]. Moscow, vol. 21, no. 9, Sep. 1962

REFERATIVNYI ZHURNAL VODNYI TRANSPORT [JOURNAL OF ABSTRACTS WATER TRANSPORTATION]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.] Moscow, no. 10, Oct. 1962 [This journal is also issued in parts.]

RUSSIA (1923- U.S.S.R.) Upravlenie Glavnogo revizora po bezopasnosti moreplavaniia. Biulleten' [Administration of the Chief Inspector for Navigation Safety Bulletin]. Leningrad, no. 11, 1960.

PART C

List of Periodicals Indexed and Abbreviations Used

†Titles listed for the first time

Agitator (6)	Agitator [Agitator]
Agrobiologiia (15a)	Agrobiologiia [Agrobiology]
Annot.ukaz.lit. po radioelek. (16a)	Annotirovannyi ukazatel' literatury po radioelektronike [Annotated Bibliography on Electronics]
Antibiotiki (14f)	Antibiotiki [Antibiotics]
Arkh.anat.,gist.i embr. (13c)	Arkhiv anatomii, gistologii i embriologii [Archives of Anatomy, Histology, and Embryology]
Arkh.pat. (14e)	Arkhiv patologii [Archives of Pathology]
Arkheologiia (4b)	Arkheologiia [Archaeology]
Arkhit.nas. (10b)	Arkhitekturnoe nasledstvo [Architectural Heritage]
Arkhit.SSSR (10b)	Arkhitektura SSSR [Architecture of the U.S.S.R.]
Atom.energ. (16e)	Atomnaia energiia [Atomic Energy]
Atom.tekh.za rub. (16e)	Atomnaia tekhnika za rubezhom [Nuclear Engineering Abroad
Avt.dor. (16d)	Avtomobil'nye dorogi [Highways]
Avt.prom. (16g)	Avtomobil'naia promyshlennost' [Automobile Industry]
Avt.transp. (16g)	Avtomobil'nyi transport [Automotive Transportation]
Avtom.i telem. (16e)	Avtomatika i telemekhanika [Automatic and Remote Control]
Avtom.i telem.; sbor.st. (16e)	Avtomatika i telemekhanika; sbornik statei [Automatic and Remote Control; Collected Papers]
Avtom.svar. (16f)	Akademiia nauk URSR, Kiev. Instytut elektrozvariuvannia. Avtomaticheskaia svarka [Academy of Sciences of the Ukrainian S.S.R. Institute of Electric Welding. Automatic Welding]
Avtom.,telem.i sviaz' (16e)	Avtomatika, telemekhanika i sviaz' [Automatic Control, Remote Control, and Communications]
Avtom.upr.i vych. tekh. (13e)	Avtomaticheskoe upravlenie i vychislitel'naia tekhnika [Automatic Control and Computers]
Az.i Afr.segodnia (1b)	Aziia i Afrika segodnia [Asia and Africa Today]
Belarus' (1b)	Belarus' [White Russia]
Bet.i zhel.-bet. (16d)	Beton i zhelezobeton [Concrete and Reinforced Concrete]
Bibliotekar' (2b)	Bibliotekar' [The Librarian]
Biul.Inst.teor. astron. (13b)	Akademiia nauk SSSR. Institut teoreticheskoi astronomii. Biulleten' [Academy of Sciences of the U.S.S.R. Institute of Theoretical Astronomy. Bulletin]
Biul.Ispol.kom. Mosk.gor.sov. (6)	Moscow. Ispolnitel'nyi komitet. Biulleten' [Executive Committee. Bulletin]
Biul.Ispol.kom. Mosk.obl.sov. (6)	Moscow (Province) Ispolnitel'nyi komitet. Biulleten' [Executive Committee. Bulletin]
Biul.izobr. (16a)	Biulleten' izobretenii [Bulletin on Inventions]
Biul.Min.vys.i sred.spets.obr. SSSR (6a)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Biulleten' [Ministry of Higher and Secondary Specialized Education. Bulletin]
Biul.stroi.tekh. (16d)	Biulleten' stroitel'noi tekhniki [Bulletin of Construction Engineering]
Biul.tekh.-ekon. inform.Gos. nauch.-issl. inst.nauch.i tekh.inform. (16a)	Moscow. Gosudarstvennyi nauchno-issledovatel'skii institut nauchnoi i tekhnicheskoi informatsii. Biulleten' tekhniko-ekonomicheskoi informatsii [State Scientific Research Institute of Technical and Economic Information. Bulletin of Technical and Economic Information]
Biul.Upr.Glav. rev.po bezop. moreplav. (17b)	† Russia (1923- U.S.S.R.) Upravlenie Glavnogo revizora po bezopasnosti moreplavaniia. Biulleten' [Administration of the Chief Inspector for Navigation Safety. Bulletin]
Bot.zhur. (13c)	Botanicheskii zhurnal [Botanical Journal]
Bud.mat.i konstr. (16d)	Budivel'ni materialy i konstruktsii [Building Materials and Construction Elements]
Bukhg.uchet. (5a)	Bukhgalterskii uchet [Accounting]
Bum.prom. (16f)	Bumazhnaia promyshlennost' [Paper Industry]
Chit.zal dlia det. i iun. (2b)	† Moscow. Publichnaia biblioteka. Otdel detskoi i iunosheskoi literatury. Chital'nyi zal dlia detei i iunoshestva [Public Library. Department of Children's and Young People's Literature. Reading Room for Children and Young People]
Den.i kred. (5c)	Den'gi i kredit [Money and Credit]
Der.prom. (16f)	Derevoobrabatyvaiushchaia promyshlennost' [Woodworking Industry]
Dokl.AN SSSR (13a)	Akademiia nauk SSSR. Doklady [Academy of Sciences of the U.S.S.R. Reports]
Ekon.Rad.Ukr. (5b)	Ekonomika Radians'koi Ukrainy [Economics of the Ukraine]
Ekon.stroi. (5b)	Ekonomika stroitel'stva [Economics of Construction]
Ekstr.; teor., prim.,app. (13d)	† Ekstraktsiia; teoriia, primenenie, apparatura [Extraction; Theory, Use, Apparatus]
Elektrichestvo (16e)	Elektrichestvo [Electricity]
Elektrosviaz' (16e)	Elektrosviaz' [Telecommunication]
Energ.stroi. (16e)	Energeticheskoe stroitel'stvo [Power Construction]
Fel'd.i akush. (14g)	Fel'dsher i akusherka [Feldsher and Midwife]
Fin.SSSR (5c)	Finansy SSSR [Finance of the U.S.S.R.]
Fiz.met.i metalloved. (16h)	Fizika metallov i metallovedenie [The Physics of Metals and Physical Metallurgy]
Fiz.tver.tela (13f)	Fizika tverdogo tela [Solid State Physics]
Fiziol.rast. (13c)	Fiziologiia rastenii [Physiology of Plants]
Geofiz.razved. (16h)	Geofizicheskaia razvedka [Geophysical Prospecting]
Geofiz.sbor. (13f)	† Akademiia nauk URSR, Kiev. Instytut geofizyky. Geofizicheskii sbornik [Academy of Sciences of the Ukrainian S.S.R. Institute of Geophysics Geophysical Papers]
Geog.v shkole (12b)	Geografiia v shkole [Geography in Schools]
Geog.zbir. (12b)	Geograficheskii zbirnyk [Geographic Review]
Geokhimiia (12c)	Geokhimiia [Geochemistry]
Geol.nefti i gaza (16h)	Geologiia nefti i gaza [The Geology of Petroleum and Gas]
Geol.zhur. (12c)	Geologicheskii zhurnal [Geological Journal]
Gidr.i mel. (15a)	Gidrotekhnika i melioratsiia [Hydraulic Engineering and Reclamation]
Gidr.stroi. (16d)	Gidrotekhnicheskoe stroitel'stvo [Hydrotechnical Construction]
Gidroliz.i lesokhim.prom. (16c)	Gidrolizanaia i lesokhimicheskaia promyshlennost' [Hydrolysis and Wood Chemistry Industry]
Gig.i san. (14g)	Gigiena i sanitariia [Hygiene and Sanitation]
Gor.zhur. (16h)	Gornyi zhurnal [Mining Journal]
Grazhd.av. (16b)	Grazhdanskaia aviatsiia [Civil Aviation]
Inform.biul.nov. inostr.knig, postup.v Bibl.im. V.I.Len. Ser.1 (2a)	Moscow. Publichnaia biblioteka. Informatsionnyi biulleten' novykh inostrannykh knig, postupivshikh v Biblioteku imeni V.I.Lenina. Seriia 1: Fiziko-matematicheskie, khimicheskie i geologo-geograficheskie nauki; tekhnika i tekhnicheskie nauki [Public Library. Information Bulletin of New Foreign Books, Received by the Lenin Library. Series 1: Physical, Mathematical, Chemical, Geological and Geographical Sciences; Technology and Technological Sciences]
Inform.biul.nov. inostr.knig, postup.v Bibl. im. V.I.Len. Ser.2 (2a)	Moscow. Publichnaia biblioteka. Informatsionnyi biulleten' novykh inostrannykh knig, postupivshikh v Biblioteku imeni V.I.Lenina. Seriia 2: Biologicheskie, meditsinskie i sel'skokhoziaistvennye nauki [Public Library. Information Bulletin of New Foreign Books, Received by the Lenin Library. Series 2: Biological, Medical, and Agricultural Sciences]
Inform.biul.nov. inostr.knig, postup.v Bibl. im.V.I.Len. Ser.3 (2a)	Moscow. Publichnaia biblioteka. Informatsionnyi biulleten' novykh inostrannykh knig, postupivshikh v Biblioteku imeni V.I.Lenina. Seriia 3: Obshchestvennye nauki, khudozhestvennaia literatura, iskusstvo [Public Library. Information Bulletin of New Foreign Books Received by the Lenin Library. Series 3: Social Sciences, Belles-Lettres, Art]

Inform.sbor. TSNIIMF. Tekh. ekspl.mor flota (17b)	Leningrad. TSentral'nyi nauchno-issledovatel'skii institut morskogo flota. Informatsionnyi sbornik. Tekhnicheskaia ekspluatatsiia morskogo flota [Central Scientific Research Institute of the Merchant Marine. Information Bulletin. Operation and Maintenance of Merchant Ships]
Inform ukaz, bibl. spis. i kart. (2a)	Informatsionnyi ukazatel' bibliograficheskikh spiskov i kartotek, sostavlennykh bibliotekami Sovetskogo Soiuza [Information Index of Bibliographical Lists and Card Files. Compiled by the Libraries of the Soviet Union]
Inform. ukaz. stand. (16a)	Informatsionnyi ukazatel' standartov [Information Index of Standards]
Isk. kino (9a)	Iskusstvo kino [Cinema Art]
Iskusstvo (10a)	Iskusstvo [Art]
Issl. i mat. Inst. po izuch. SSSR (4a)	Institut zur Erforschung der UdSSR. Issledovaniia i materialy [Institute for the Study of the U.S.S.R. Investigations and Materials]
Issl. po mikroklim. nasel. mest i zdan. i po stroi fiz. (16d)	Issledovaniia po mikroklimatu naselennykh mest i zdanii i po stroitel'noi fizike [Research on the Microclimate of Populated Places and Buildings and on the Physics of Structures]
Ist. SSSR (4a)	Istoriia SSSR [History of the U.S.S.R.]
IUn. nat. (13c)	IUnyi naturalist [Young Naturalist]
Izobr. i rats. (16a)	Izobretatel' i ratsionalizator [Inventor and Efficiency Promoter]
Izv. AN Arm. SSR. Geol i geog. nauki (12c)	Akademiia nauk Armianskoi SSR, Erivan. Izvestiia. Geologicheskie i geograficheskie nauki [Academy of Sciences of the Armenian S.S.R. Bulletin. Geological and Geographical Sciences]
Izv AN Arm. SSR. Ser. fiz. -mat. nauk (13a)	Akademiia nauk Armianskoi SSR, Erivan. Izvestiia. Seriia fiziko-matematicheskikh nauk [Academy of Sciences of the Armenian S.S.R. Bulletin. Series in Physical and Mathematical Sciences]
Izv. AN Arm. SSR. Ser. tekh. nauk (16a)	Akademiia nauk Armianskoi SSR, Erivan. Izvestiia. Seriia tekhnicheskikh nauk [Academy of Sciences of the Armenian S.S.R. Bulletin. Series in the Technological Sciences]
Izv. AN Azerb. SSR. Ser. biol. i med. nauk (13c)	Akademiia nauk Azerbaidzhanskoi SSR, Baku. Izvestiia. Seriia biologicheskikh i meditsinskikh nauk [Academy of Sciences of the Azerbaijan S.S.R. Bulletin. Series in the Biological and Medical Sciences]
Izv. AN Azerb. SSR. Ser. fiz. -mat. i tekh. nauk (1a)	Akademiia nauk Azerbaidzhanskoi SSR, Baku. Izvestiia. Seriia fiziko-matematicheskikh i tekhnicheskikh nauk [Academy of Sciences of the Azerbaijan S.S.R. Bulletin. Series in the Physical, Mathematical, and Technological Sciences]
Izv. AN Azerb. SSR. Ser. obshchestv. nauk (1a)	Akademiia nauk Azerbaidzhanskoi SSR, Baku. Izvestiia. Seriia obshchestvennykh nauk [Academy of Sciences of the Azerbaijan S.S.R. Bulletin. Series in the Social Sciences]
Izv. AN Est. SSR. Ser. fiz. -mat. i tekh. nauk (1a)	Eesti NSV Teaduste Akadeemia. Toimetised. Füüsikalis-matemaatiliste ja tehniliste teaduste seeria. Izvestiia Akademii nauk Estonskoi SSR. Seriia fiziko-matematicheskikh i tekhnicheskikh nauk [Academy of Sciences of the Estonian S.S.R. Bulletin. Series in the Physical, Mathematical, and Technical Sciences]
Izv. AN Kazakh. SSR. Ser. filol. i isk. (11a)	Akademiia nauk Kazakhskoi SSR, Alma-Ata. Izvestiia. Seriia filologii i iskusstvovedeniia [Academy of Sciences of the Kazakh S.S.R. Bulletin. Series on Philology And Art]
Izv. AN Kazakh. SSR. Ser. ist., arkheol. i etn. (4a)	Akademiia nauk Kazakhskoi SSR, Alma-Ata. Izvestiia. Seriia istorii, arkheologii i etnografii [Academy of Sciences of the Kazakh S.S.R. Bulletin. Series in History, Archaeology, and Ethnography]
Izv. AN Kazakh. SSR. Ser. mat. i mekh. (13e)	Akademiia nauk Kazakhskoi SSR, Alma-Ata. Izvestiia. Seriia matematiki i mekhaniki [Academy of Sciences of the Kazakh S.S.R. Bulletin. Series in Mathematics and Mechanics]
Izv. AN Kir. SSR. Ser. est. i tekh. nauk (1a)	Akademiia nauk Kirgizskoi SSR, Frunze. Izvestiia. Seriia estestvennykh i tekhnicheskikh nauk [Academy of Sciences of the Kirghiz S.S.R. Bulletin. Series in the Natural and Technological Sciences]
Izv. AN Kir. SSR. Ser. obshchestv. nauk (1a)	Akademiia nauk Kirgizskoi SSR, Frunze. Izvestiia. Seriia obshchestvennykh nauk [Academy of Sciences of the Kirghiz S.S.R. Bulletin. Series in the Social Sciences]
Izv. AN Mold. SSR (1a)	Akademiia nauk Moldavskoi SSR. Izvestiia [Academy of Sciences of the Moldavian S.S.R. Bulletin]
Izv. AN SSSR. Ser. biol. (13c)	Akademiia nauk SSSR. Izvestiia. Seriia biologicheskaia [Academy of Sciences of the U.S.S.R. Bulletin. Biological Series]
Izv. AN SSSR. Ser. fiz. (13f)	Akademiia nauk SSSR. Izvestiia. Seriia fizicheskaia [Academy of Sciences of the U.S.S.R. Bulletin. Physical Series]
Izv. AN SSSR. Ser. geol. (12c)	Akademiia nauk SSSR. Izvestiia. Seriia geologicheskaia [Academy of Sciences of the U.S.S.R. Bulletin. Geological Series]
Izv. AN Turk. SSR Ser. biol. nauk (13c)	Akademiia nauk Turkmenskoi SSR, Ashkhabad. Izvestiia. Seriia biologicheskikh nauk [Academy of Sciences of the Turkmen S.S.R. Bulletin. Series in the Biological Sciences]
Izv. AN Turk. SSR. Ser. obshchestv. nauk (5b)	Akademiia nauk Turkmenskoi SSR, Ashkhabad. Izvestiia. Seriia obshchestvennykh nauk [Academy of Sciences of the Turkmen S.S.R. Bulletin. Series in the Social Sciences]
Izv. AN Uz. SSR. Ser. fiz. -mat. nauk (13f)	Akademiia nauk Uzbekskoi SSR, Tashkent. Izvestiia. Seriia fiziko-matematicheskikh nauk [Academy of Sciences of the Uzbek S.S.R. Bulletin. Series in Physical and Mathematical Sciences]
Izv. APN (8a)	Akademiia pedagogicheskikh nauk RSFSR, Moscow. Izvestiia [Academy of Pedagogical Sciences of the R.S.F.S.R. Bulletin]
Izv. Astrofiz. Inst. AN Kazakh. SSR (13b)	Akademiia nauk Kazakhskoi SSR, Alma-Ata. Astrofizicheskii Institut. Izvestiia [Academy of Sciences of the Kazakh S.S.R. Astrophysical Institute. Bulletin]
Izv. Glav. upr. sel'khoz. nauk i podgot kad Arm. SSR (15a)	Armenian S.S.R. Glavnoe upravlenie sel'skokhoziaistvennykh nauk i podgotovki kadrov. Izvestiia. Sel'skokhoziaistvennye nauki [Main Administration of Agricultural Sciences and Staff Training. Bulletin. Agricultural Sciences]
Izv. TSKHA (15a)	Moscow. Moskovskaia sel'skokhoziaistvennaia akademiia im. Timiriazeva. Izvestiia [Timiriazev Agricultural Academy of Moscow. Bulletin]
Izv. Vses. geog. ob-va (12b)	Geograficheskoe obshchestvo SSSR. Izvestiia [Geographic Society of the U.S.S.R. Bulletin]
Izv. vys. ucheb. zav.; av. tekh. (16b)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii; aviatsionnaia tekhnika [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Aviation Engineering]
Izv. vys. ucheb. zav., chern. met. (10h)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii, chernaia metallurgiia [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Ferrous Metallurgy]
Izv. vys. ucheb. zav.; fiz. (13f)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii; fizika [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Physics]
Izv. vys. ucheb. zav.; geod. i aerof. (13b)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii; geodeziia i aerofotos"emka [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Geodesy and Aerial Photography]
Izv. vys. ucheb. zav.; gor. zhur. (16h)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii; gornyi zhurnal [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Mining Journal]
Izv. vys. ucheb. zav.; mat. (13e)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii; matematika [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Mathematics]
Izv. vys. ucheb. zav.; prib. (16g)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii; priborostroenie [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Instrument Manufacture]
Izv. vys. ucheb. zav.; radiotekh. (16a)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii; radiotekhnika [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Le...
Izv. vys. ucheb. zav.; stroi. i arkhit. (10b)	
Kal. znam. i pam. dat (4a)	
Kardiologiia (14a)	
Kat. karp. zemletrus. (12c)	
Kaz. med. zhur. (14a)	
Khar. prom. (16f)	
Khim.; sist. uk. st. v inostr. zhur. (13d)	
Khim. i tekh. polim. (16c)	
Khim. i tekh. topl. i masel (16c)	

im prom (16c)	Khimicheskaia promyshlennost' [Chemical Industries]
im v shkole (14d)	Khimiia v shkole [Chemistry in Schools]
in.khir (14h)	Klinicheskaia khirurgiia [Clinical Surgery]
in.med. (14a)	Klinicheskaia meditsina [Clinical Medicine]
iga; issl.i mat. (2c)	Kniga; issledovaniia i materialy [The Book, Studies and Papers]
lzh let. (2a)	Knizhnaia letopis' [Book Chronicle]
lkh zem (15d)	Sel'sko, vsesoiuznaia kartoteka opytom v sotsialisticheskom sel'skom khoziaistve Kollektivno zemledelie [Sel'sko, All Union Pamphlet Collection for the Exchange of Experience in Socialist Agriculture Collective Farming]
mm. Bel. (6)	Kommunist Belorussii [Communist of White Russia]
mm. Mold. (6)	Kommunist Moldavii [Communist of Moldavia]
mm. Ukr. (6)	Kommunist Ukrainy [Communist of the Ukraine]
mm. Uz. (6)	Kommunist Uzbekistana [Communist of Uzbekistan]
mm. Vooruzh. Sil (17a)	Kommunist Vooruzhennykh Sil [Communist of the Armed Forces]
munist (6)	Kommunist [Communist]
msom. zhizn' (8e)	Komsomol'skaia zhizn' [Life of Communist Youth]
on. i ov. prom (16c)	Konservnia i ovoshchesushil'naia promyshlennost' [The Canning and Dehydrated Vegetable Industry]
ra vyvetr (12e)	Kora vyvetrivaniia [Weathering Zone]
zb.-obuv. prom. 16f)	Kozhevenno obuvnaia promyshlennost' [Leather and Footwear Industry]
z.-shtam. proizv. (16g)	Kuznechno-shtampovochnoe proizvodstvo [Forging and Stamping]
b. delo (14c)	Laboratornoe delo [Laboratory Work]
s. prom. (15c)	Lesnaia promyshlennost' [Forest Industries]
t. muz. lit. (9b)	Letopis' muzykal'noi literatury [Chronicle of Musical Literature]
t. zhur. st. (2n)	Letopis' zhurnal'nykh statei [Chronicle of Periodical Articles]
. i lak. nar. SSR i zarub. stran (11b)	Literatura i iskusstvo narodov SSSR i zarubezhnykh stran [Literature and Art of the Peoples of the U.S.S.R. and Foreign Countries]
t. po lesu, i bum. prom. (16f)	Literatura po lesnoi i bumazhnoi promyshlennosti [Literature on Forest and Paper Industries]
i slav nar (11b)	Literatura slavianskikh narodov [Literature of Slavic Peoples]
shinostroenie (10g)	Mashinostroenie [Machinery Manufacture]
shinostroitel' 10g)	Mashinostroitel' [Machine Builder]
sl.-zhir. prom. (16c)	Maslobolno-zhirovaia promyshlennost' [Oils and Fats Industry]
t. sbor. (13e)	Matematicheskii sbornik [Mathematical Review]
matika (13e)	Matematika; periodicheskii sbornik perevodov inostrannykh statei [Mathematics, Translations of Foreign Articles]
d parazi i paraz bol. (14a)	Meditsinskaia parazitologiia i parazitarnye bolezni [Medical Parasitology and Parasitogenic Diseases]
d. prom. (14f)	Meditsinskaia promyshlennost' SSSR [Medical Supplies Industry of the U.S.S.R.]
d. ref. zhur. (14a)	Meditsinskii referativnyi zhurnal [Medical Abstracts]
d. sestra (14g)	Meditsinskaia sestra [Medical Nurse]
kh. i avtom. proizv. (10g)	Mekhanizatsiia i avtomatizatsiia proizvodstva [Mechanization and Automation of Production]
kh. stroi. (10d)	Mekhanizatsiia stroitel'stva [Mechanization of Construction]
khanika (16g)	Mekhanika; periodicheskii sbornik perevodov inostrannykh statei [Mechanics; Translations of Foreign Articles]
ry i izm. prib. (13f)	Mery i izmeritel'nye pribory [Measures and Measuring Instruments]
t. i gornorud. rom. (16h)	Metallurgicheskaia i gornorudnaia promyshlennost' [Metallurgical, Mining, and Ore Dressing Industries]
tallurg (10h)	Metallurg [Metallurgist]
loor. i gidrol. (13f)	Meteorologiia i gidrologiia [Meteorology and Hydrology]
zhdunar. zhizn' (6)	Mezhdunarodnaia zhizn' [International Life]
'. ekon. i ezhdunar. otn. (5b)	Mirovaia ekonomika i mezhdunarodnye otnosheniia [World Economics and International Relations]
Mol. komm (6)	Molodoi kommunist [The Young Communist]
Mol. mira (6)	Molodezh' mira [World Youth]
Mont i spets. rab. v stroi (16d)	Montazhnye i spetsializirovannye raboty v stroitel'stve [Assembling and Specialized Operations in Construction]
Movoznavstvo (11a)	Movoznavstvo [Linguistics]
Muk -elev. prom. (16f)	Mukomol'no-elevatornaia promyshlennost' [Flour Milling and Grain Storage]
NTO (16a)	Nauchno-tekhnicheskie obshchestva SSSR [Scientific Technological Societies of the U.S.S.R.]
Na stroikakh (16d)	Na stroikakh Rossii [At Russian Construction Projects]
Nach. shkola (8a)	Nachal'naia shkola [Primary School]
Nar. obr. (8a)	Narodnaia obrazovanie [Public Education]
Nar. khoz. Kazakh. (5b)	Narodnoe khoziaistvo Kazakhstana [The National Economy of Kazakhstan]
Nar. obr. (8a)	Narodnoe obrazovanie [Public Education]
Nar tvorch ta etn (12a)	Narodna tvorchist' ta etnografiia [Folk Art and Ethnography]
Nauch. dokl. vys. shkoly, filos. nauki (3a)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Nauchnye doklady vysshei shkoly, filosofskie nauki [Ministry of Higher and Secondary Specialized Education. Research Papers of Higher Schools; Philosophical Sciences]
Nauch. soob. IGD (16h)	Moscow. Institut gornogo dela. Nauchnye soobshcheniia [Institute of Mining. Scientific Reports]
Nauch.-tekh. sbor. po dob. nefti (16h)	Vsesoiuznyi neftegazovyi nauchno-issledovatel'skii institut Nauchno-tekhnicheskii sbornik po dobyche nefti [All-Union Petroleum and Gas Scientific Research Institute. Scientific and Technical Papers on Petroleum Production]
Nauch. trudy Inst lit. proizv. AN URSR (16h)	Akademiia nauk URSR, Kiev. Institut tvarnoho vyrobnytstva. Naukhnye trudy [Academy of Sciences of the Ukrainian S.S.R. Institute of Foundry Practice Studies]
Nauch. trudy MPI (2c)	Moscow. Poligraficheskii institut. Nauchnye trudy [Moscow Printing Institute Studies]
Nauch. trudy MTILP (16g)	Moscow. Tekhnologicheskii institut legkoi promyshlennosti. Nauchnye trudy [Technological Institute of Light Industry. Studies]
Nauk. pratsi Ukr nauk.-dosl. inst zem. (15d)	Kiev. Ukrains'kyi naukovo doslidnyi instytut zemlorobstva. Naukovi pratsi [Ukrainian Scientific Research Institute of Agriculture. Studies]
Nauka i rel. (3b)	Nauka i religiia [Science and Religion]
Neft. khoz. (16h)	Neftianoe khoziaistvo [The Petroleum Industry]
Nov. inostr. ekon. lit. (5b)	Novaia inostrannaia ekonomicheskaia literatura [New Foreign Economic Literature]
Nov. inostr. lit. po ist., arkheol. i etn. (4a)	Novaia inostrannaia literatura po istorii, arkheologii i etnografii [New Foreign Literature on History, Archaeology, and Ethnography]
Nov. kar. i spel. (12c)	Novosti karstovedeniia i speleologii [New Developments in Speleology and the Study of Karst Phenomena]
Nov. knigi (2a)	Novye knigi [New Books]
Nov. knigi za rub Ser. A (13a)	Novye knigi za rubezhom. Seriia A. Matematika, mekhanika, astronomiia, fizika, geofizika, khimiia, geologiia [New Foreign Books. Series A: Mathematics, Mechanics, Astronomy, Physics, Geophysics, Chemistry, Geology]
Nov. knigi za rub. Ser. B (10a)	Novye knigi za rubezhom. Seriia B: Tekhnika [New Foreign Books. Series B: Technology]
Nov. knigi za rub Ser. V (2a)	Novye knigi za rubezhom. Seriia V: Biologiia, meditsina, sel'skoe khoziaistvo [New Foreign Books. Series V: Biology, Medicine, Agriculture]
Nov. knigi za rub. po obshchestv. naukam; ekon., filos., ist., mezhdunar. otn. (2a)	Novye knigi za rubezhom po obshchestvennym naukam; ekonomika, filosofiia, istoriia, mezhdunarodnye otnosheniia [New Foreign Books on the Social Sciences; Economics, Philosophy, History, International Relations]
Nov. lit. po Chekh. (2a)	Novaia literatura po Chekhoslovakii [New Literature on Czechoslovakia]
Nov. sov. ekon lit (5b)	Novaia sovetskaia ekonomicheskaia literatura [New Soviet Economic Literature]
Nov. sov. i inostr. lit. po stran. zarub. Vost. (2a)	Novaia sovetskaia i inostrannaia literatura po stranam zarubezhnogo Vostoka [New Soviet and Foreign Literature on the Countries of the Non-Soviet East]
Nov. tov. (5a)	Novye tovary; informatsionnyi biulleten' [New Consumer Goods; Information Bulletin]
Nov. vrem. (6)	Novoe vremia [New Times]
Obshchestv. pit. (16f)	Obshchestvennoe pitanie [Public Food Service]
Och. klin. nevr. (14c)	Ocherki klinicheskoi nevrologii [Studies in Clinical Neurology]
Ogneupory (16h)	Ogneupory [Refractories]
Opt. i spektr. (13f)	Optika i spektroskopiia [Optics and Spectroscopy]

Ortop., travm. i protez. (11h)	Ortopedilia, travmatologiia i protezirovanie [Orthopedics, Traumatology, and Prosthesis]
Otv. na vop. trud. (1b)	Otvety na voprosy trudiashchikhsia [Replies to Workers' Questions]
Paleont. sbor. [L'vov] (12c)	† Paleontologicheskii sbornik [Paleontological Papers] Lvov
Paleont. zhur. (12c)	Paleontologicheskii zhurnal [Paleontological Journal]
Part. zhizn' (6)	Partiinaia zhizn' [Party Life]
Part. zhizn' [Uzb.] (6)	Partiinaia zhizn' [Party Life] Uzbekistan.
Part. zhizn' Kazakhstana (6)	Partiinaia zhizn' Kazakhstana [Party Life in Kazakhstan]
Plan. khoz. (5b)	Planovoe khoziaistvo [Planned Economy]
Po rad. Ukr. (1b)	Ukrains'ke tovarystvo druzhby i kul'turnoho zv'iazku z zarubizhnymy krainamy. Po radians'kii Ukraini; fotokhronika [Ukrainian Society for Friendship and Cultural Relations with Foreign Countries. Through Soviet Ukraine, photo report]
Poligr. proizv. (2c)	Poligraficheskoe proizvodstvo [Printing Industry]
Polit. samoobr. (6)	Politicheskoe samoobrazovanie [Political Self-Education]
Pred. dop. kontsent. atmosf. zagr. (14a)	Predel'no-dopustimye kontsentratsii atmosfernykh zagriaznenii [Maximum Permissible Concentrations of Atmospheric Pollution]
Priborostroenie (16g)	Priborostroenie [Instrument Manufacture]
Prikl. mat. i mekh. (13e)	Prikladnaia matematika i mekhanika [Applied Mathematics and Mechanics]
Priroda (13a)	Priroda [Nature]
Probl. gemat. i perel. krovi (14e)	Problemy gematologii i perelivaniia krovi [Problems of Hematology and Blood Transfusion]
Probl. psikhol. sporta (8a)	Problemy psikhologii sporta. Sbornik rabot institutov fizicheskoi kul'tury [Psychological Problems in Sports; Collected Papers of Physical Culture Institutes]
Prom. Arm. (16a)	Promyshlennost' Armenii [Industry of Armenia]
Prom. energ. (16e)	Promyshlennaia energetika [Industrial Power]
Prom. stroi. i inzh. soor. (16d)	Promyshlennoe stroitel'stvo i inzhenernye sooruzheniia [Industrial Construction and Engineering Structures]
Prykl. mekh. (13g)	Prykladna mekhanika [Applied Mechanics]
Pyt. shev. (11b)	Pytannia shevchenkoznavstva [Problems in the Study of Shevchenko]
Rab. i sial. (5d)	Robitnitsa i sialianka [The Woman Worker and the Peasant Woman]
Rad. lit. (11b)	Radians'ke literaturoznavstvo [Soviet Literary Review]
Radio (16e)	Radio [Radio]
Radiotekh. i elektron. (16e)	Radiotekhnika i elektronika [Radio Engineering and Electronics]
Radiotekhnika (16e)	Radiotekhnika [Radio Engineering]
Raspr. pech. (2c)	Rasprostranenie pechati [Distribution of Publications]
Razved. i okh. nedr (16h)	Razvedka i okhrana nedr [Prospecting and Conservation of Mineral Resources]
Rech. transp. (17b)	Rechnoi transport [Inland Water Transportation]
Ref. sbor.: Ekon. prom. (5b)	Referativnyi sbornik: Ekonomika promyshlennosti [Journal of Abstracts of Industry]
Ref. zhur.: Astron. i geod. (13b)	Referativnyi zhurnal: Astronomiia i geodeziia [Journal of Abstracts: Astronomy and Geodesy]
Ref. zhur.: Avt. i gor. transp. (16g)	Referativnyi zhurnal. Avtomobil'nyi i gorodskoi transport [Journal of Abstracts: Automotive and City Transportation]
Ref. zhur.: Biol. (13c)	Referativnyi zhurnal Biologiia [Journal of Abstracts: Biology]
Ref. zhur.: Elektrotekh. i energ. (16e)	Referativnyi zhurnal: Elektrotekhnika i energetika [Journal of Abstracts: Electrical Engineering and Electric Power]
Ref. zhur.: Fiz. (13f)	Referativnyi zhurnal: Fizika [Journal of Abstracts: Physics]
Ref. zhur.: Geofiz. (13f)	Referativnyi zhurnal: Geofizika [Journal of Abstracts: Geophysics]
Ref. zhur.: Geog. (12b)	Referativnyi zhurnal: Geografiia [Journal of Abstracts: Geography]
Ref. zhur.: Geol. (12c)	Referativnyi zhurnal: Geologiia [Journal of Abstracts: Geology]
Ref. zhur.: Leg. prom. (16f)	Referativnyi zhurnal: Legkaia promyshlennost' [Journal of Abstracts: Light Industry]
Ref. zhur.: Mashinostr. (16g)	Referativnyi zhurnal: Mashinostroenie [Journal of Abstracts: Machinery Manufacture]
Ref. zhur. Otd. vyp. 31: Vzaimodeis. raz. vid. transp. i kont. perev. (16g)	Referativnyi zhurnal. Otdel'nyi vypusk 31: Vzaimodeistvie raznykh vidov transporta i kontseinernye perevozki [Journal of Abstracts. Separate Issue 31: Container Shipments and the Interaction of Various Types of Transportation]
Ref. zhur. Otd. vyp. 32: Izm. tekh. (16a)	Referativnyi zhurnal. Otdel'nyi vypusk 32: Izmeritel'naia tekhnika [Journal of Abstracts. Separate Issue 32 Measurement Techniques]
Ref. zhur. Otd. vyp. 34 Komp. i khol. tekh. (16c)	Referativnyi zhurnal. Otdel'nyi vypusk 34. Kompressory i kholodil'naia tekhnika [Journal of Abstracts. Separate Issue 34: Compressors and Refrigeration Engineering]
Ref. zhur. Otd. vyp. 35 Kraeved. (12b)	Referativnyi zhurnal. Otdel'nyi vypusk 35 Kraevedenie [Journal of Abstracts Separate Issue 35 Regional Studies]
Ref. zhur. Otd. vyp. 36 Med. geog. (14a)	Referativnyi zhurnal. Otdel'nyi vypusk 36, Meditsinskaia geografiia [Journal of Abstracts. Separate Issue 36 Medical Geography]
Ref. zhur. Otd. vyp. 37: Obor. i tekh. poligr. proizv. (2c)	Referativnyi zhurnal. Otdel'nyi vypusk 37 Oborudovanie i tekhnologiia poligraficheskogo proizvodstva [Journal of Abstracts. Separate Issue 37. Equipment and Technology of the Printing Industry]
Ref. zhur. Otd. vyp. 39: Pod.-transp. mash. i soor. (16g)	Referativnyi zhurnal. Otdel'nyi vypusk 39 Pod'emno-transportnye mashiny i sooruzheniia [Journal of Abstracts. Separate Issue 39: Hoisting and Conveying Machinery and Structures]
Ref. zhur. Otd. vyp. 40. Prib. tech. mekh. i isp. ust. (16g)	Referativnyi zhurnal. Otdel'nyi vypusk 40: Pribory tochnoi mekhaniki i ispytatel'nye ustanovki [Journal of Abstracts Separate Issue 40: Precision Instruments and Testing Equipment]
Ref. zhur. Otd. vyp. 41 Raket. tekh. i app. kosm. pol. (16b)	Referativnyi zhurnal. Otdel'nyi vypusk 41: Raketnaia tekhnika i apparaty kosmicheskogo poleta [Journal of Abstracts Separate Issue 41: Rocket Engineering and Space Flight Equipment]
Ref. zhur. Otd. vyp. 42 Sil. ust. (16e)	Referativnyi zhurnal. Otdel'nyi vypusk 42: Silovye ustanovki [Journal of Abstracts. Separate Issue 42. Power Plants]
Ref. zhur. Otd. vyp. 43. Strol. i dor. mashinostr. Gor. mash. (16g)	Referativnyi zhurnal. Otdel'nyi vypusk 43 Stroitel'noe i dorozhnoe mashinostroenie. Gornye mashiny [Journal of Abstracts. Separate Issue 43. Manufacture of Construction Equipment and Road Machinery. Mining Machinery]
Ref. zhur. Otd. vyp. 44: Traktor. i sel'skokhoz. mash. (16g)	Referativnyi zhurnal. Otdel'nyi vypusk 44: Traktory i sel'skokhoziaistvennye mashiny [Journal of Abstracts. Separate Issue 44: Tractors and Agricultural Machinery]
Ref. zhur. Otd. vyp. 45. Trub. transp. (16g)	Referativnyi zhurnal. Otdel'nyi vypusk 45: Truboprovodnyi transport [Journal of Abstracts. Separate Issue 45. Pipeline Transportation]
Ref. zhur. Otd. vyp. 46: Foto-kinoapp. i opt. prib. (16g)	Referativnyi zhurnal. Otdel'nyi vypusk 46: Foto-kinoapparatura i opticheskie pribory [Journal of Abstracts. Separate Issue 46: Photographic and Motion-Picture Equipment and Optical Instruments]
Ref. zhur. Otd. vyp. 47. Khim. mashinostr. (16c)	Referativnyi zhurnal. Otdel'nyi vypusk 47: Khimicheskoe mashinostroenie [Journal of Abstracts. Separate Issue 47 Chemical Machinery Manufacture]
Ref. zhur. Prom. transp. (16g)	Referativnyi zhurnal: Promyshlennyi transport [Journal of Abstracts: Industrial Transportation]
Ref. zhur.: Vod. transp. (17b)	Referativnyi zhurnal: Vodnyi transport [Journal of Abstracts: Water Transportation]
Ref. zhur.: Vozd. transp. (16b)	Referativnyi zhurnal: Vozdushnyi transport [Journal of Abstracts: Air Transportation]
Ref. zhur.: Zhel. dor. transp. (16g)	Referativnyi zhurnal. Zheleznodorozhnyi transport [Journal of Abstracts Railroad Transportation]
Rez. nabl. amer. isk. sput. Zem. (13b)	Akademiia nauk SSSR. Institut teoreticheskoi astronomii. Rezul'taty nabliudenii amerikanskikh iskusstvennykh sputnikov Zemli [Academy of Sciences of the U.S.S.R. Institute of Theoretical Astronomy. Results of Observations of American Artificial Earth Satellites]
Rez. nabl. sov. isk. sput. Zem. (13b)	Akademiia nauk SSSR. Institut teoreticheskoi astronomii. Rezul'taty nabliudenii sovetskikh iskusstvennykh sputnikov Zemli [Academy of Sciences of the U.S.S.R. Institute of Theoretical Astronomy. Results of Observations of Soviet Artificial Earth Satellites]
Rus. iaz. v shkole (11a)	Russkii iazyk v shkole [Russian Language in Schools]
Rus. uch. -issl. Sred. Az. (12b)	Russkie uchenye issledovateli Srednei Azii [Russian Scientist Explorers of Central Asia]
Ryb. khoz. (16b)	Rybnoe khoziaistvo [Fisheries]
Ryb. prom. (16c)	Rybnaia promyshlennost' [Fishing Industry]
Sbor. dokl. Voen. -ist. sek. (17a)	† Dom uchenykh, Leningrad. Sbornik dokladov Voenno istoricheskoi sektsii [House of Scholars. Reports of the Military History Section]

bor. st. po paleont. i biostrat. (12c)	Leningrad. Nauchno-issledovatel'skii institut geologii Arktiki. Sbornik statei po paleontologii i biostratigrafii [Scientific Research Institute of Arctic Geology. Collected Papers on Paleontology and Biostratigraphy]
bor. trud. asp. i mol. nauch. sotr. VIR (15d)	†Leningrad. Vsesoluznyi institut rastenievodstva. Sbornik trudov aspirantov i molodykh nauchnykh sotrudnikov [All-Union Institute of Plant Culture. Papers by Graduate Students and Research Workers]
el'. khoz. (15a)	Sel'skoe khoziaistvo; sistematicheskii ukazatel' statei v inostrannykh zhurnalakh [Agriculture; Classed Index of Articles in Foreign Periodicals]
el'. khoz. za rub.· Rast. (15d)	Sel'skoe khoziaistvo za rubezhom: Rastenievodstvo [Agriculture Abroad· Plant Culture]
Sel'khoz. lit. SSSR (15a)	Sel'skokhoziaistvennaia literatura SSSR [Agricultural Literature of the U.S.S.R.]
Shakht. strol. (16h)	Shakhtnoe stroitel'stvo [Mine Construction]
Sib. mat. zhur. (13a)	Sibirskii matematicheskii zhurnal [Siberian Mathematical Journal]
Sil'. bud. (16d)	Sil'skoe budivnytstvo [Rural Construction]
Soob. GAISH (13b)	Moscow. Universitet. Gosudarstvennyi astronomicheskii institut Soobshcheniia [University State Astronomical Institute. Reports]
Sots. obesp. (5a)	Sotsial'noe obespechenie [Social Security]
Sots. trud (5d)	Sotsialisticheskii trud [Socialist Labor]
Sov. arkheol. (4b)	Sovetskaia arkheologiia [Soviet Archaeology]
Sov. deput. trud. (6)	Sovety deputatov trudiashchikhsia [Soviets of Workers' Deputies]
Sov. etn. (12a)	Sovetskaia etnografiia [Soviet Ethnography]
Sov. geol. (12c)	Sovetskaia geologiia [Soviet Geology]
Sov. gos. i pravo (7)	Sovetskoe gosudarstvo i pravo [The Soviet State and Law]
Sov. iust. (7)	Sovetskaia iustitsiia [Soviet Justice]
Sov. poch. (11b)	Sovetskaia pechat' [Soviet Press]
Sov. profsoiuzy (5d)	Sovetskie profsoiuzy [Soviet Trade Unions]
Sov. shakht. (16h)	Sovetskii shakhtior [Soviet Miner]
Sov. voin (17a)	Sovetskii voin [Soviet Soldier]
Srod. veka (4a)	Akademiia nauk SSSR. Institut istorii, Srednie veka [Academy of Sciences of the U.S.S.R. Institute of History. The Middle Ages]
Stan. i instr. (16g)	Stanki i instrument [Machine Tools and Their Cutting Tools]
Standartizatsiia (16a)	Standartizatsiia [Standardization]
Stek. i ker. (16c)	Steklo i keramika [Glass and Ceramics]
Stomatologiia (14h)	Stomatologiia [Stomatology]
Stroi. i arkhit. Len. (10b)	Stroitel'stvo i arkhitektura Leningrada [Construction and Architecture in Leningrad]
Stroi. i arkhit. Mosk. (10b)	Stroitel'stvo i arkhitektura Moskvy [Construction and Architecture in Moscow]
Stroi. i dor. mashinostr. (16g)	Stroitel'noe i dorozhnoe mashinostroenie [Road and Construction Machinery Building]
	terialy [Building Materials]
	oprovodov [Pipeline Construction]
	skaia ekspertiza [Forensic Medicine
	luminating Engineering]
	' novykh inostrannykh knig, postupivshikh SR. Seriia B: Obshchestvennye nauki New Foreign Books Received by the he U.S.S.R. Series B: Social Sciences]
	or]
	lovidenie [Motion-Picture and Television
	leshi [Technology for Youth]
	yshlennost' [Textile Industry]
	[Heat Engineering]
	arkhiv [Therapeutic Archives]
	ezhom [Trade Abroad]
	ozmashiny [Tractors and Agricultural
Transp. stroi. (16d)	Transportnoe stroitel'stvo [Construction for the Transportation Industry]
Trudy Dal'nevost. NIGMI (13f)	Vladivostok Dal'nevostochnyi nauchno-issledovatel'skii gidrometeorologicheskii institut. Trudy [Far Eastern Hydrometeorological Scientific Research Institute. Transactions]
Trudy GGI (12b)	Leningrad. Gosudarstvennyi gidrologicheskii institut. Trudy [State Hydrological Institute. Transactions]
Trudy GIN (12c)	Akademiia nauk SSSR. Geologicheskii institut. Trudy [Academy of Sciences of the U.S.S.R. Geological Institute Transactions]
Trudy Geol. inst. AN Gruz. SSR. Geol. ser (12c)	†Akademiia nauk Gruzinskoi SSR, Tiflis. Geologicheskii institut Trudy. Geologicheskaia seriia [Academy of Sciences of the Georgian S S R. Geological Institute. Transactions. Geological Series]
Trudy Geol. Inst. AN Gruz. SSR, Min. i petr. ser. (12c)	Akademiia nauk Gruzinskoi SSR, Tiflis. Geologicheskii institut. Trudy. Mineralogo-petrograficheskaia seriia [Academy of Sciences of the Georgian S.S.R. Geological Institute. Transactions. Mineralogical and Petrographical Series]
Trudy IGEM (12c)	Akademiia nauk SSSR. Institut geologii rudnykh mestorozhdenii, petrografii, mineralogii i geokhimii. Trudy [Academy of Sciences of the U.S.S.R. Institute of the Geology of Ore Deposits, Petrology, Mineralogy, and Geochemistry. Transactions]
Trudy Inst chern met. AN URSR (16h)	Akademiia nauk URSR, Kiev. Instytut chornoi metalurgii. Trudy [Academy of Sciences of the Ukrainian S. S. R Institute of Ferrous Metallurgy. Transactions]
Trudy Inst fiz Zem Vop inzh. seism. (13f)	†Akademiia nauk SSSR. Institut fiziki Zemli Trudy. Voprosy inzhenernoi seismologii [Academy of Sciences of the U S S R. Institute of Physics of the Earth. Transactions. Problems of Engineering Seismology]
Trudy Inst. geol. nauk AN URSR. ser. strat. i paleont. (12c)	Akademiia nauk URSR, Kiev. Instytut geologichnykh nauk. Trudy. Seriia stratigrafii i paleontologii [Academy of Sciences of the Ukrainian S. S. R. Institute of Geological Sciences. Transactions. Stratigraphical and Paleontological Series]
Trudy Inst. gor. dela Sib. otd. AN SSSR (16h)	Akademiia nauk SSSR. Sibirskoe otdelenie. Institut gornogo dela. Trudy [Academy of Sciences of the U. S. S. R. Siberian Branch. Institute of Mining. Transactions]
Trudy Inst. isp. gaza AN URSR (16c)	Akademiia nauk URSR, Kiev. Instytut vykorystannia gazu. Trudy [Academy of Sciences of the Ukrainian S. S. R. Institute of Gas Utilization. Transactions]
Trudy Inst. ist., arkheol. i etn. AN Kazakh. SSR (4a)	Akademiia nauk Kazakhskoi SSR, Alma-Ata. Institut istorii, arkheologii i etnografii. Trudy [Academy of Sciences of the Kazakh S.S.R. Institute of History, Archaeology, and Ethnography. Transactions]
Trudy Inst. ist. est. i tekh. (13a)	Akademiia nauk SSSR. Institut istorii estestvoznaniia i tekhniki. Trudy [Academy of Sciences of the U.S.S.R. Institute of the History of Natural Sciences and Technology. Transactions]
Trudy Inst. Kom. stand., mer i izm. prib. (16a)	Russia (1923- U.S.S.R.) Komitet standartov mer i izmeritel'nykh priborov. Trudy institutov Komiteta [Committee of Standards, Measures, and Measuring Instruments. Transactions of the Institutes of the Committee]
Trudy Inst. lesa i drev. (15c)	Akademiia nauk SSSR. Sibirskoe otdelenie. Institut lesa i drevesiny. Trudy [Academy of Sciences of the U. S. S. R. Siberian Department. Institute of Forest and Wood. Transactions]
Trudy Inst. mash. Sem. po teor. mash. i mekh. (16g)	Akademiia nauk SSSR. Institut mashinovedeniia. Trudy. Seminar po teorii mashin i mekhanizmov [Academy of Sciences of the U.S.S.R. Institute of Mechanical Engineering. Transactions. Seminar on the Theory of Machines and Mechanisms]
Trudy Inst. onk. AMN SSSR (14a)	†Akademiia meditsinskikh nauk SSSR, Moscow. Institut onkologii. Trudy [Academy of Medical Sciences of the U.S.S.R. Institute of Oncology. Transactions]
Trudy KF VNII (16h)	Vsesoluznyi neftegazovyi nauchno-issledovatel'skii institut. Krasnodarskii filial. Trudy [All-Union Scientific Research Institute of Petroleum and Natural Gas. Krasnodar Branch. Transactions]
Trudy KhPI (16a)	Kharkov. Politekhnicheskii institut. Trudy [Polytechnic Institute. Transactions]
Trudy Kar. fil. AN SSSR (1a)	Akademiia nauk SSSR. Karel'skii filial, Petrozavodsk. Trudy [Academy of Sciences of the U.S.S.R. Karelian Branch. Transactions]
Trudy LPI (16a)	Leningrad. Politekhnicheskii institut. Trudy [Polytechnic Institute. Transactions]
Trudy Lab. gidrogeol. probl. (12c)	Akademiia nauk SSSR. Laboratoriia gidrogeologicheskikh problem. Trudy [Academy of Sciences of the U.S.S.R. Laboratory for Hydrogeological Problems. Transactions]
Trudy Len. gos. nauch.-issl. inst. travm. i ortop. (14h)	Leningrad. Gosudarstvennyi nauchno-issledovatel'skii institut travmatologii i ortopedii. Trudy [State Scientific Research Institute of Traumatology and Orthopedics. Transactions]
Trudy MAI (16b)	Moscow. Aviatsionnyi institut. Trudy [Aeronautical Institute. Transactions]
Trudy MIEMG (14a)	†Kishinev. Moldavskii nauchno-issledovatel'skii institut epidemiologii, mikrobiologii i gigieny. Trudy [Moldavian Scientific Research Institute of Epidemiology, Microbiology, and Hygiene. Transactions]

Trudy MIIZ (15a)	Moscow. Institut inzhenerov zemleustroistva. Trudy [Institute of Land Utilization Engineers. Transactions]
Trudy MINKHiGP (16h)	Moscow. Institut neftekhimicheskoi i gazovoi promyshlennosti. Trudy [Institute of the Petrochemical and Gas Industry. Transactions]
Trudy NIIAK (13f)	Moscow. Nauchno-issledovatel'skii institut aeroklimatologii Trudy [Scientific Research Institute of Aeroclimatology. Transactions]
Trudy NIIGA (12c)	Leningrad. Nauchno-issledovatel'skii institut geologii Arktiki. Trudy [Scientific Research Institute of Arctic Geology. Transactions]
Trudy NIIZHB (16d)	Akademiia stroitel'stva i arkhitektury SSSR. Institut betona i zhelezobetona, Perovo. Trudy [Academy of Construction and Architecture of the U.S.S.R. Institute of Concrete and Reinforced Concrete. Transactions]
Trudy NIKFI (18c)	Moscow. Nauchno-issledovatel'skii kinofotoinstitut. Trudy [Scientific Research Institute of Motion Pictures and Photography. Transactions]
Trudy NPI (16a)	Novocherkassk. Politekhnicheskii institut. Trudy [Polytechnic Institute. Transactions]
Trudy Rost.NIVS (15b)	Rostovskaia oblastnaia nauchno-issledovatel'skaia veterinarnaia stantsiia. Trudy [Rostov Province Veterinary Research Station Transactions]
Trudy SNIIGGIMS (12c)	Sibirskii nauchno-issledovatel'skii institut geologii, geofiziki i mineral'nogo syr'ia. Trudy [Siberian Scientific Research Institute of Geology, Geophysics, and Mineral Resources. Transactions]
Trudy TSIP (13f)	Moscow. TSentral'nyi institut prognozov. Trudy [Central Weather Institute. Transactions]
Trudy TSNII MPS (16g)	Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut zheleznodorozhnogo transporta. Trudy [All-Union Scientific Research Institute of Railroad Transportation. Transactions]
Trudy TSNIIGAIK (13b)	Moscow. TSentral'nyi nauchno-issledovatel'skii institut geodezii, aeros"emki i kartografii. Trudy [Central Scientific Research Institute of Geodesy, Aerial Photography, and Cartography. Transactions]
Trudy TSNIIMF (17b)	Leningrad. TSentral'nyi nauchno-issledovatel'skii institut morskogo flota. Trudy [Central Scientific Research Institute of the Merchant Marine. Transactions]
Trudy TSNIIS (16d)	Babushkin. Vsesoiuznyi nauchno-issledovatel'skii institut transportnogo stroitel'stva. Trudy [All-Union Scientific Research Institute of Transportation Construction. Transactions]
Trudy TSNIISK (16d)	Akademiia stroitel'stva i arkhitektury SSSR. Institut stroitel'nykh konstruktsii. Trudy [Academy of Construction and Architecture of the U.S.S.R. Institute of Construction Design. Transactions]
Trudy UzGU (1a)	Samarkand, Uzbekskii gosudarstvennyi universitet. Trudy [Uzbek State University. Transactions]
Trudy VITR (16h)	Vsesoiuznyi nauchno-issledovatel'skii institut metodiki i tekhniki razvedki. Trudy [All-Union Scientific Research Institute of Prospecting Methods and Equipment. Transactions]
Trudy VNAIZ (16e)	Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut zvukozapisi. Trudy [All Union Scientific Research Institute of Sound Recording. Transactions]
Trudy VSEGEI (12c)	Leningrad. Vsesoiuznyi geologicheskii institut. Trudy [All-Union Geological Institute. Transactions]
Trudy VSGI.Ser. geol. (12c)	Akademiia nauk SSSR. Sibirskoe otdelenie Vostochno-Sibirskii geologicheskii institut. Trudy. Seriia geologicheskaia [Academy of Sciences of the U.S.S.R. Siberian Department. East Siberian Geological Institute. Transactions. Geological Series]
TSitologiia (13c)	TSitologiia [Cytology]
Uch.zap.AGU. Geol.-geog.ser. (12c)	Baku, Azerbaidzhanskii gosudarstvennyi universitet. Uchenye zapiski. Geologo-geograficheskaia seriia [Azerbaijan State University. Studies. Geological and Geographical Series]
Uch.zap.ChNII (4a)	Cheboksary, Chuvashskii nauchno-issledovatel'skii institut iazyka, literatury, istorii i ekonomiki. Uchenye zapiski [Chuvash Scientific Research Institute of Language, Literature, History, and Economics. Studies]
Uch.zap.EGPI (1a)	Yelabuga, Gosudarstvennyi pedagogicheskii institut. Uchenye zapiski [State Pedagogical Institute. Studies]
Uch.zap.GGU (1a)	Gorkiy, Universitet. Uchenye zapiski [University. Studies]
Uch.zap.IMO (6)	Moscow. Institut mezhdunarodnykh otnoshenii. Uchenye zapiski [Institute of International Relations. Studies]
Uch.zap.IAr.gos. ped.inst. (1a)	Yaroslavl, Gosudarstvennyi pedagogicheskii institut. Uchenye zapiski [State Pedagogical Institute. Studies]
Uch.zap.Inst. slav. (4a)	Akademiia nauk SSSR. Institut slavianovedeniia. Uchenye zapiski [Academy of Sciences of the U.S.S.R. Institute of Slavic Studies. Studies]
Uch.zap.Inst.vost. AN Azerb.SSR (4a)	Akademiia nauk Azerbaidzhanskoi SSR, Baku. Institut vostokovedeniia. Uchenye zapiski [Academy of Sciences of the Azerbaijan S.S.R. Institute of Oriental Studies. Studies]
Uch.zap.Kuib.gos. ped.inst. (1a)	Kuybyshev. Gosudarstvennyi pedagogicheskii institut. Uchenye zapiski [State Pedagogical Institute. Studies]
Uch.zap.LGU (1a)	Leningrad. Universitet. Uchenye zapiski [University. Studies]
Uch.zap.MGPI (1a)	Moscow. Moskovskii gosudarstvennyi pedagogicheskii institut. Uchenye zapiski [Moscow State Pedagogical Institute. Studies]
Ugol' (18h)	Ugol' [Coal]
Ugol' Ukr. (18h)	Ugol' Ukrainy [Coal of the Ukraine]
Ukr.bot.zhur. (13c)	Ukrains'kyi botanichnyi zhurnal [Ukrainian Botanical Journal]
Ukr.mat.zhur. (13e)	Ukrainskii matematicheskii zhurnal [Ukrainian Mathematical Journal]
Ukr RSR u vyd resp Rad Soiuzu (2a)	Knyzhkova palata Ukrains'koi RSR. Ukrains'ka RSR u vydanniakh respublik Radians'koho Soiuzu, bibliografiia [Book Chamber of the Ukrainian S.S.R. Ukrainian S.S.R. in the Publications of the Republics of the Soviet Union, Bibliography]
Usp.fiz.nauk (13f)	Uspekhi fizicheskikh nauk [Progress in the Physical Sciences]
Usp khim. (13d)	Uspekhi khimii [Progress in Chemistry]
Usp.sovr.biol. (13c)	Uspekhi sovremennoi biologii [Progress in Contemporary Biology]
Uzb.geol.zhur (12c)	Uzbekskii geologicheskii zhurnal [Uzbek Geological Journal]
V mire knig (2a)	V mire knig [In the World of Books]
Vech srod.shkola (8a)	Vechernaia srednniia shkola [Evening Secondary School]
Ved.Verkh.Sov. RSFSR (6)	Russia (1917- R.S.F.S.R.) Verkhovnyi Sovet. Vedomosti [Supreme Soviet. Gazette]
Ved.Verkh.Sov. SSSR (6)	Russia (1923- U.S.S.R.) Verkhovnyi Sovet. Vedomosti [Supreme Soviet. Gazette]
Vest.AN Kazakh.SSR (1a)	Akademiia nauk Kazakhskoi SSR, Alma-Ata. Vestnik [Academy of Sciences of the Kazakh S.S.R. Journal]
Vest.AN SSSR (1a)	Akademiia nauk SSSR. Vestnik [Academy of Sciences of the U.S.S.R. Journal]
Vest.derm.i ven. (14i)	Vestnik dermatologii i venerologii [Review of Dermatology and Venereology]
Vest.elektroprom. (16c)	Vestnik elektropromyshlennosti [Review of the Electrical Industry]
Vest.LGU (1a)	Leningrad. Universitet. Vestnik [University. Review]
Vest.mashinostr. (16g)	Vestnik mashinostroeniia [Machine-Building Review]
Vest.Mosk.un. Ser.1:Mat., mekh. (13e)	Moscow. Universitet. Vestnik. Seriia 1: Matematika, mekhanika [University. Review. Series 1: Mathematics, Mechanics]
Vest.Mosk.un Ser. 4: Geol. (12c)	Moscow. Universitet. Vestnik. Seriia 4: Geologiia [University. Review. Series 4: Geology]
Vest.Mosk.un. Ser.6: Biol., pochv. (13c)	Moscow. Universitet. Vestnik. Seriia 6: Biologiia, pochvovedenie [University. Review. Series 6: Biology, Soil Science]
Vest.Mosk.un. Ser. 8: Ekon. filos. (5b)	Moscow. Universitet. Vestnik. Seriia 8: Ekonomika, filosofiia [University. Review. Series 8: Economics, Philosophy]
Vest.otorin. (14d)	Vestnik otorinolaringologii [Review of Otorhinolaryngology]
Vest.sel'khoz.nauki (15a)	Vestnik sel'skokhoziaistvennoi nauki [Review of Agricultural Science]
Vest.sel'khoz. nauki [Kazakh.] (15a)	Vestnik sel'skokhoziaistvennoi nauki [Review of Agricultural Science]. Kazakhstan.
Vest.stat. (5b)	Vestnik statistiki [Statistical Review]
Vest.sviazi (16e)	Vestnik sviazi [Communications Review]
Vest.TSNII MPS (16g)	Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut zheleznodorozhnogo transporta. Vestnik [All-Union Scientific Research Institute of Railroad Transportation. Journal]
Vest.vys.shkoly (8a)	Vestnik vysshei shkoly [Review of Schools for Higher Education]
Visnyk sil'hosp. nauky (15a)	Visnyk sil's'kohospodars'koi nauky [Review of Agricultural Science]
Vnesh.torg. (5a)	Vneshniaia torgovlia [Foreign Trade]
Vod.i san.tekh. (16d)	Vodosnabzhenie i sanitarnaia tekhnika [Water Supply and Sanitary Engineering]
Voen.znan. (17a)	Voennye znaniia [Military Knowledge]
Volov.ateist (3b)	Volovnychyi ateist [Militant Atheist]
Vokrug sveta (12b)	Vokrug sveta [Around the World]
Vop.ekon. (5b)	Voprosy ekonomiki [Problems of Economics]
Vop.eroz.i pov. prod.sklon. zem.Mold. (15a)	Voprosy erozii i povyshenia produktivnosti sklonovykh zemel' Moldavii [Problems of the Erosion and the Improvement of Productivity of the Sloping Lands of Moldavia]
Vop.filos. (3a)	Voprosy filosofii [Problems of Philosophy]
Vop.geog. (12b)	Voprosy geografii [Problems of Geography]
Vop.ist. (4a)	Voprosy istorii [Problems of History]

Vop. ist. KPSS (6)	Voprosy istorii KPSS [Problems of the History of the Communist Party of the Soviet Union]
Vop kur., fizioter. i lech fiz. kul't (14n)	Voprosy kurortologii, fizioterapii i lechebnoi fizicheskoi kul'tury [Problems of Resort Therapy, Physical Therapy, and Therapeutic Physical Culture]
Vop. lit. (11b)	Voprosy literatury [Problems of Literature]
Vop nelrokhir. (14h)	Voprosy neirokhirurgii [Problems of Neurosurgery]
Vop okh. mat. i det. (14h)	Voprosy okhrany materinstva i detstva [Problems of Mother and Child Care]
Vop onk (14a)	Voprosy onkologii [Problems of Oncology]
Vzryv delo (16h)	Vzryvnoe delo [Blasting]
Vop. raket. tekh. (16h)	Voprosy raketnoi tekhniki; sbornik perevodov i obzorov inostrannoi periodicheskoi literatury [Problems of Rocket Engineering; Translations and Surveys of Foreign Periodical Literature]
Za rul (16g)	Za rulem [At the Wheel]
Zdorov'e (11a)	Zdorov'e [Health]
Zdrav. Ros. Feder. (14a)	Zdravookhranenie Rossiiskoi Federatsii [Health Service of the Russian Federation]
Zdravookhranenie (14a)	Zdravookhranenie [Health Service]
Zemledelie (15d)	Zemledelie [Agriculture]
Zhel. dor transp (16g)	Zheleznodorozhnyi transport [Railroad Transportation]
Zhil. stroi. (16d)	Zhilishchnoe stroitel'stvo [Housing Construction]
Zhur eksp. i teor. fiz. (13f)	Zhurnal eksperimental'noi i teoreticheskoi fiziki [Journal of Experimental and Theoretical Physics]
Zhur. Mosk. Patr. (3b)	Orthodox Eastern Church, Russian. Patriarch. Zhurnal Moskovskoi Patriarkhii [Journal of the Moscow Patriarchate]
Zhur. neorg. khim. (13d)	Zhurnal neorganicheskoi khimii [Journal of Inorganic Chemistry]
Zhur. nevr. i psikh (14c)	Zhurnal nevropatologii i psikhiatrii [Journal of Neuropathology and Psychiatry]
Zhur ob biol (13c)	Zhurnal obshchei biologii [Journal of General Biology]
Zhur. ob. khim. (13d)	Zhurnal obshchei khimii [Journal of General Chemistry]
Zhur. tekh. fiz (16a)	Zhurnal tekhnicheskoi fiziki [Journal of Technical Physics]
Znan - sila (13u)	Znanie - sila [Knowledge is Power]

'tic ohar cytotoxic serum

surgical diseases of the organs
. N. I. Khurumovich, Leifd, i
l '62.

surgery." Reviewed by P. N. Na-
ev, Kaz. med. zhur. no. 3:91-93

nurkand, A. Kronov, Sov profs-
s '62.

UKHAMEDOVICH, 1912?-1962

hullaev, G. D. Afanas'ev and
Sov. geol. 27 no. 9:117-118

Abdullaev; obituary A. M.
thurin. Uzb. geol. zhur. 6

ARIETIES

rapes of Abkhazia and ways for
Chanugua, Sbor. trud. nauch. i
o. 1:279-294 '60.
ulletin in Abkhazia I. I. Cha-
, I. mot. nauch. zoot. VIR no 1:

ol SSR, Tiflis. Abkhazskii in-
i istorii, fulkhum Ocherki
d. Sukhumi, Abgosizdat.

ree Handicapped children

to harm and contraceptive
i protivozachatochnye sredstva,
62. 39 p. (Nauchno-populiarnaia
a)

in male lake frogs in the ding-
n. M. A. Davydova. Kaz. med
'62.
pay for temporary loss of work-
fo hamidov, M. N. Smirnova.
:69-62 Jl '62.

Grinding wheels

ppolitov, comps. [Abrasive
nye instrumenty; katalog.
vota Ministrov SSSR po koordi-
et, 1961. 151 p.

QUIPMENT AND SUPPLIES

stance of parts subjected to high-
V. I. Akunov, K. S. Iosselevich.
no. 9:10-19 S '62.

der Mamolayevo region)
ak, E. P. Prokazin. Priroda

TION OF DEATH
and the declaration of missing
'nikov. Sov. just. no. 19 11-13

AL CALCULUS see Calculus

a in the absorption of SO_2 from
tions. B. A. Chertkov. Khim.
1 '62.
a, A. N. Ternovskaia. Khim.
l '62.

GY)
of nerves during the develop-
uromuscular preparation. E. A.
no. 4:449-451 Jl-Ag '62.

Study of the absorptive capacity of the mucous membrane of the tongue, an experimental study A. I. Marchenko Stomatologiia 41 no. 4:29-32 Jl-Ag '62.

ABSORPTION OF SOUND

Absorption of ultrasound in piezoelectric semiconductors. V. L. Gurevich, V. D. Kagan. Fiz. tver. tela 4 no. 9 2411-2416 S '62.

Effect of electrons and quasi-particles of the lattice on the absorption of sound in solids. L. A. Sverguenenko. Izv. vys. uch. zav., fiz. no. 4:46-53 '62.

Theory of acoustic cyclotron resonance in metals [with summary in English]. L. A. Kaner. Zhur. eksp. i teor. fiz. 43 no. 1:216-226 Jl '62.

ABSTINENCE see Fasting

ABSTRACT ART see Art, Abstract

ABSTRACTION

Perception and notion of slanting line A. G. Ruzskaia Izv. APN no. 120:121-130 '62.

Perception of the deviation of lines from a given norm A. G. Ruzskaia. Izv. APN no. 120:110-123 '62

ACADEMIC DECORATIONS OF HONOR see Decorations of honor, Academic

ACADEMY OF SCIENCES OF THE KAZAKH S. S. R.

Academicians of the Academy of Sciences of the Kazakh S. S. R. elected by the General Assembly of May 29, 1962, brief biographies. Vest. AN Kazakh SSR 18 no. 6 28-38 Je '62.

Development of the Academy of Sciences of the Kazakh S. S. R. after the 20th Congress of the CPSU. K. I. Satpaev Vest. AN Kazakh SSR 18 no. 6 3-10 Je '62

Results of the scientific work in 1961 and future tasks of the Academy of Sciences of the Kazakh S. S. R. Sh. Ch. Chokin. Vest. AN Kazakh SSR 18 no. 6 11-25 Je '62

Session of the General Assembly of the Academy of Sciences of the Kazakh S. S. R. Vest. AN Kazakh SSR 18 no. 6 26-29 Je '62.

ACADEMY OF SCIENCES OF THE TURKMEN S. S. R.

Annual meeting of the Academy of Sciences of the Turkmen S. S. R. Izv. AN Turk. SSR. Ser. biol. nauk no. 3, 95 '62.

Annual meeting of the Academy of Sciences of the Turkmen S. S. R. Izv. AN Turk. SSR. Ser. obshchestv. nauk no. 3:90 '62.

ACADEMY OF SCIENCES OF THE U. S. S. R.

Appointments and transfers. Vest. AN SSSR 32 no. 9:123 S '62.

Competitions for gold medals and prizes to be awarded in 1963 by the Academy of Sciences of the U. S. S. R. Elektrichestvo no. 9:96 S '62.

General Assembly of the Academy of Sciences of the U. S. S. R. Priroda 51 no. 8:113 Ag '62.

Gold medals and awards of the Academy of Sciences of the U. S. S. R. Elektrichestvo no. 9:96 S '62.

ACADEMY OF SCIENCES OF THE U. S. S. R.—INFORMATION SERVICES

Improvement of the organization of scientific and technical information. Vest. AN SSSR 32 no. 8:121-122 S '62.

ACADEMY OF SCIENCES OF THE UKRAINIAN S. S. R.

Defense of dissertations in the field of mechanics in the institutions of the Department of Mechanics of the Academy of Sciences of the Ukrainian S. S. R. O. V. Botte. Prykl. mekh. 8 no. 5:571-575 '62.

Session of the Department of Technical Sciences of the Academy of Sciences of the Ukrainian S. S. R. O. V. Botte. Prykl. mekh. 8 no. 1:458-461 '62.

ACCELERATION—PHYSIOLOGICAL EFFECT

Studies on changes in the bioelectrical activity of the cerebral cortex under the influence of prolonged transverse overload [with summary in English]. G. V. Izosimov, A. N. Razumeev. Izv. AN SSSR. Ser. biol. 27 no. 4:621-626 Jl-Ag '62.

ACCELERATION IN EDUCATION see Educational acceleration

ACCELEROMETERS

Filtering compensating accelerometer. K. N. Sergeev, A. I. Sinel'nikov. Izv. vys. ucheb. zav., prib. 5 no. 5: 98-106 '62.

Small-sized liquid accelerometer. M. G. Khachikian. Izv. AN Arm. SSR. Ser. tekh. nauk 15 no. 4:65-66 '62.

ACCIDENT INSURANCE see Insurance, Accident

ACCIDENTS—PREVENTION

Slatsenko, G. P., and M. I. Faizullin, comps. [Industrial hygiene and accident prevention in the organizations and enterprises of state commerce and public dining] Okhrana truda i tekhnika bezopasnosti v organizatsiiakh i predpriiatiiakh gosudarstvennoi torgovli i obshchestvennogo pitaniia, sbornik materialov. Moskva, Gosторgizdat, 1962. 311 p.

ACCOMPLICES

Decisions of the Supreme Court of the U. S. S. R. on July 31, 1962. Sov. iust. no. 18 28-31 S '62.

Determination of complicity. N. Kuznetsova, V. Kudriavtsev. Sov. iust. no. 19 14-17 O '62.

ACCOUNTING

(see also subdivision under Kazakhstan, Rostov Province, United States)

For the further improvement of calculations. G. Bocharov. Bukhg. uchet 19 no. 7 27-32 Jl '62.

Grunifest, I. L., and B. S. Sheheglov. [Accounting at an industrial plant] Bukhgalterskii uchet v promyshlennom predpriiatii. 2., perer. izd. Minsk, Gos. izd-vo BSSR, 1961. 355 p.
(Mlt)

Reviews of newspapers. Bukhg. uchet 19 no. 7 61-66 Jl '62.

We should improve accounting in all the branches of the national economy. I. Vershinin Komm. Mold. 7 no. 9: 79-75 S '62.

ACCOUNTING—BIBLIOGRAPHY see Bibliography—Accounting

ACCOUNTING—PROBLEMS, EXERCISES, ETC.

Rubinov, M. Z., ed. [Collected problems in accounting] Sbornik zadach po bukhgalterskomu uchetu. Moskva, Gosfinizdat, 1962. 202 p.

ACCOUNTING—STUDY AND TEACHING

In the Practical Training Center of the Central Statistical Administration of the U. S. S. R. Bukhg. uchet 19 no. 7 75-76 Jl '62.

ACCOUNTING MACHINES

Practice in using the improved tabulating and sorting machines for processing the results of the All-Union 1959 population census. K. Krivshin. Vest. stat. no. 9: 55-58 '62.

ACCOUNTING MACHINES—MAINTENANCE AND REPAIR see subdivision under Cherkassy Province

ACETALDEHYDE

Determination of small quantities of water in acetaldehyde by infrared spectroscopy A. N. Alekseandrov, N. K. Mikhailian, G. A. Sedova. Khim. prom. no. 8 570-572 Ag '62.

Glycol ethers and their derivatives Part 47. Synthesis of acetals of aromatic and heterocyclic aldehydes. Shamkhal Mamedov, M. A. Avanesian. Zhur. ob. khim. 32 no. 9:2834-2830 S '62.

ACETAMIDE

Thermal analysis of the ternary system acetamide - acetic acid - phenol V. F. Chesnokov, I. M. Bokhovkin Zhur. ob. khim. 32 no. 9 2760-2763 S '62

ACETIC ACID

Behavior of ethylenediaminetetraacetic acid in acid solutions and its reaction with uranium (IV). N. N. Krot, N. P. Ermolaev, A. D. Gel'man. Zhur. neorg. khim. 7 no. 9:2054-2060 S '62.

Dieckman condensation Part 9. Cyclization of ethyl ester of o-(carbethoxymethoxy) phenylacetic acid. N. S. Vul'fson, T. N. Podrezova. Zhur. ob. khim. 32 no. 9 3019-3022 S '62

Esters of trialkylgermylacetic acid. [U. I. Baukov, L. F. Lutsenko. Zhur. ob. khim. 32 no. 8:2746-2747 Ag '62.

ACETIC ACID (Continued)
Physicochemical analysis of the ternary system carbamide - phenol - acetic acid I M Bokhovki and others Zhur ob khim 32 no 9:2755-2759 S '62
Physicochemical analysis of the ternary system carbamide - phenol - monochloroacetic acid I M. Bokhovkin, A A Pribytkova, L S Uemlianina Zhur. ob khim 32 no. 9 2763-2766 S '62
Potential cytotoxic groupings Part 2 Dimethan derivatives of phenylacetic acid A. IA Berlin, L. S IAguzhinskii Zhur. ob. khim. 32 no 9 3091-3096 S '62
Synthesis of diquaternary salts of N, N' derivatives of hexamethylenediimine Part 3 Polarographic behavior of esters of hexamethylene-1, 6-bis(dimethylaminoacetic acid) A. I. Lopushanskii Zhur. ob khim 32 no 9, 3098-3105 S '62.
Thermal analysis of the ternary system acetamide - acetic acid - phenol V F Chesnokov, I M Bokhvkin. Zhur ob khim 32 no 9 2760-2763 S '62
Thermal analysis of the ternary system carbamide - acetic acid - trichloroacetic acid, I M Bokhovkin, IU. I Borhovkina, E O Vitman Zhur. ob. khim 32 no. 8, 2115-2118 Ag '62.
Use of technical phenoxyacetic acid as a precursor of phenoxymethyl penicillin. V. I. Rumiantsev, V. A. Dzhov. Med. prom. 16 no. 5 51-52 My '62.

ACETIC ANHYDRIDE
N-oxides of the quinoxaline series Part 5 Reactions of N-oxides of quinoxaline and 2-methylquinoxaline with acetic anhydride. A. S. Elina. Zhur. ob. khim. 32 no. 9:2967-2973 S '62

ACETOACETIC ACID
Interaction of metal derivatives of β-dicarbonyl compounds with α-halogen oxides. Part 1: Interaction of Na- and $C_6H_5CH_2(CH_3)_3N^+$derivatives of acetoacetic ester with α-bromine oxides of isomeric butenes. T I Temnikova, B. A Ershov Zhur. ob khim. 32 no. 8: 2436-2442 Ag '62.

ACETONE—PHYSIOLOGICAL EFFECT
Acetone as an atmospheric pollutant. IU. G. Fel'dman. Prof. dop. kontrol, atmosf. zagr. no. 6, 109-127 '62.

ACETONITRILE—SPECTRA
Infrared spectra of ionic solutions of acetonitrile. I. S. Perelygin. Opt. i spektr. 13 no. 3:300-303 S '62.

ACETOPHENONE
Determination of acetophenone in the air. V. A. Khrustaleva. Gig. i san. 26 no. 12:30-42 D '61.
Polarographic study of p-acetylbiphenyl and p-acetyl-p' - fluorobiphenyl V. D. Bezuglyi and others Zhur ob khim. 32 no. 9 2770-2777 S '62.

ACETYLATION
Modification of the methods for determining the acetylation capacity of the body. M. M. Alimova, N. F. Tolkachevskaia. Lab. delo 8 no. 8 8-10 Ag '62.

ACETYLENE
Propagation of the chemical reaction zone in acetylene in large diameter pipes. S. M. Kogarko and others. Khim. prom. no. 7:496-501 Jl '62.

ACETYLENE COMPOUNDS
Conjugated systems. Part 158: Addition of lithium alkyls to trimethylsilylpropenyl- and trimethylsilylisopropenylacetylenes. M. D. Stadnichuk, A. A. Petrov. Zhur. ob. khim. 32 no. 8:2400-2404 Ag '62.

ACID-RESISTANT MATERIALS
Collection of uniform district unitary estimates for anticorrosive and protective coatings and a price list of average district estimated prices for acid-resistant materials. Biul. stroi. tekh. 19 no. 3 34 Mr '62.
On "Technical instructions for performing and inspecting the anticorrosion protection done by the use of natural cut stone." Biul. stroi. tekh. 19 no. 3:20 Mr '62.

ACIDS
The kinetics of anode dissolving of copper-zinc alloys in acids. S. S. Gastev. Nauch. trudy MPI no. 14:3-03 '61.
On the function of acid-base interaction. V. A. Presnov. Izv. vys. uch. zav.; fiz. no. 4:115-117 '62.
Primary acquainting of students with the class of acids. A. I. Bratolubov. Khim. v shkole 17 no. 5, 42-43 S-O '62.
Quantitative determination of α-keto acids in the blood by the method of paper chromatography. IU. M. Ostrovskii, V. A. Zhmakina. Lab. delo 8 no. 8:10-14 Ag '62.

ACIDS, FATTY
Change in the metabolism of amino and fatty acids in rheumatic lesions of the cardiovascular system [with summary in English]. IA. S. Leshchinskaia. Terap. arkh. no. 6:72-76 '62.
Thermal esterification of synthetic fatty acids under pressure. V. V. Veselov, F. V. Linchevskii, V. I. Morina. Khim. prom. no. 8:559-560 Ag '62.

ACIDS, ORGANIC
Cesium propionate, butyrate, and isovalerate. V. E. Pilushchev, M. V. Savel'eva, I. V. Shakhno. Zhur. neorg. khim. 7 no. 9:2078-2081 S '62.
Extraction by carboxylic acids. N. M. Adamskii, S. M. Karpachova, A. M. Rozen. Ekstr.; teor., prim., app. no. 2:80-86 '62.
Interaction of hydroxysilanes with saturated carboxylic acids in the presence of colloidal nickel N F Orlov and others. Zhur ob. khim 32 no. 8, 2561-2566 Ag '62.
Nature of water-soluble acids formed during the initial stage of aging of insulating oils. K I Ivanov, V P. Zhukhovskaia. Khim i tekh. topl. i masel. 7 no 7 56-62 Jl '62.
Recovery of organic acids by the liquid extraction method B. S. Krichkov, L. A Serafimov, S. V Livov. Khim i tekh. topl i masel 7 no 7 20-24 Jl '62.
Refining and fractionation of mixtures of saturated dicarboxylic acids produced by oxidation of kerogen in kukersite [with summary in English]. L Pobul', A. Fomina. Izv AN Est. SSR, Ser. fiz. -mat. i tekh. nauk 11 no. 3 203-211 '62.
Separation of mixtures of metals by exchange extraction with carboxylic acids. L. M. Gindin and others. Ekstr., teor., prim., app. no. 2 87-111 '62.
Synthesis of esters and other derivatives of carboxylic acids under conditions of acid catalysis from carbon monoxide, olefins, and acylating compounds Part 7: Conversion of C_4 - C_7 alcohols to carboxylic acids and their esters with the aid of formic acid IA. T Eidus, K. V. Puzitskii, I. V Guseva. Zhur ob. khim 32 no. 9, 2983-2989 S '62.
Use of the electrocapillary method for determining the structure of unsaturated organic acids. G. A. Korchinskii. Zhur ob. khim. 32 no. 9:2766-2770 S '62.

ACORNS
Fall in oak forests; acorns. V. I. Dolgoshov. Priroda 51 no. 9:127-128 S '62.

ACOUSTIC NERVE—TUMORS
Effect of pregnancy on the course of tumors of the acoustic nerve and the operability of these patients. G. P. Kornianskii. Vop. neirokhir. no. 4:48-51 '62.

ACROBACTERIUM TUMEFACIENS
Regeneration of normal shoots from bacterial tumors [with summary in English]. N. A. Terekhova. Zhur. ob. biol. 23 no. 4:290-295 Jl-Ag '62.

ACROLEIN
Functional derivatives of malonodialdehyde and their reactions. Part 12: Preparation of β-alkoxyacroleins. V. T. Klimko and others. Zhur. ob. khim. 32 no. 9: 2961-2966 S '62
Furan compounds. Part 20: Condensation of some derivatives of furfurole and β-(2-furyl)-acrolein with aminotriazoles. A. A. Ponomarev, M. D. Lipanova. Zhur. ob. khim. 32 no. 9:2974-2981 S '62.

ACRYLAMIDE
Polyacrylamide glue is a new printing material. B. I. Berezin, E. G. Deglina, V. S. Kiselev. Poligr. proizv. no. 9:25 S '62.

ACRYLIC ACID
Sydnones and sydnone imines. Part 13: Interaction of 3-methyl- and 3-ethylsydnones with methyl ester of acrylic acid. V. F. Vasil'eva, V. G. IAshunskii. Zhur. ob. khim. 32 no 9:2808-2813 S '62.

ACTING
Kuleshov, L. V. [First steps in producing amateur motion pictures. Work with the actor] Pervye kinoshagi. Rabota s akterom (knigi vtoraia i tret'ia). - Moskva, Iskusstvo, 1962. 111 p. (Biblioteka kinolubitelia)
"Wave your hand!" V. Belokurov. Isk. kino no. 9:68-73 S '62.

ACTINOIDIN
Deep fermentation of actinoidin under conditions of an experimental unit [with summary in English]. G. V. Gavrilina. Antibiotiki 7 no. 8:693-698 Ag '62.

ACTINOMYCES
Basic principles of grouping actinomycetes producing antibiotics [with summary in English]. N. A. Krasil'nikov. Izv. AN SSSR, Ser. biol. 27 no. 4:576-591 Jl-Ag '62.
Comparative study by the method of counterflow distribution of the composition of the antibiotic violarin "A" from the Actinomyces strains Nos. 452-7 and 12-12 [with summary in English]. V. M. Baikina, L. V. Birlova, D. M. Trakhtenberg. Antibiotiki 7 no. 8, 696-702 Ag '62.
Recombinations of Act. aureofaciens [with summary in English]. L. N. Borisova, M. V. Koniukhova, N. S. Ivkina. Antibiotiki 7 no. 8:685-689 Ag '62.
Systematic position of some actinomycetes producing heptaene antibiotics [with summary in English] V. D Kuznetsov. Antibiotiki 7 no. 8:675-679 Ag '62.

ACTORS
Actors and sports. V. Sapunov. Teatr 23 no. 8:151 Ag '62.

ACTORS—CORRESPONDENCE, REMINISCENCES, ETC.
Garlanov, P. A. [Actors; theater notes] Aktery; teatral'nye zapiski, [Cheliabinsk] Chelliabinskoe knizhnoe izd-vo 1957. 173 p.
(NNC)

ACTORS, WHITE RUSSIAN
Young actors. H. Vishkarou. Belarus' 19 no. 8:25 Ag '62.

ACUPUNCTURE
Mechanism of the action of acupuncture and its effectiveness in treating various forms of vasomotor rhinitis. L. B. Dainiak Vest. otorin. no. 5 16-21 '62.

ACYLATION
Production of xylotrihydroxyglutaric acid derivatives Report No 1 Acetylation of xylotrihydroxyglutaric acid. IA. IA Makarov-Zemlianskii, B. IA Makarov-Zemlianskii Nauch trudy MTILP no 23 44-48 '61

ADDING MACHINES see Calculating machines

ADEN—POLITICS AND GOVERNMENT
Storm in Aden. D. Volsky. Nov. vrem. 20 no. 41:22-23 O '62.

ADENOIDS—SURGERY
Liquorrhea following adenotomy in a child with undiagnosed nasopharyngeal cerebral hernia. A. A. Terkel'. Vest. otorin. no. 5:81-82 '62.

ADENOSINETRIPHOSPHATE
Effect of adenosine triphosphate on the maintenance of circular movement of protoplasm in the damaged cells of Nitella [with summary in English]. A. M. Sinitukhin, E. A. Peterburgskaia. Izv. TSKHA no. 2:200-205 '62.

ADHESIONS (ANATOMY)
Use of abdominal pressure cushion during cautery of adhesions. I. Z. Sigal. Klin. med. no. 12, 44-50 '61.

ADHESIVES
Interaction of film and insole in cemented systems. IU. M Gvozdev, IU. A Lineva Nauch. trudy MTILP no 23 75-81 '61.
Polyacrylamide glue for gluing labels on glass containers. A. A. Kirillova, S. E. Bargman, L. D. Indichenko. Kons. i ov. prom. 17 no. 10:41 O '62.
Use of various adhesives for chrome leather drying by adhesion G M Gluzman Kozh.-obuv prom 4 no 9 27-29 S '62

ADIPIC ACID
Single-dose mass treatment of ascariasis with piperazine adipinate. I. G. Abramova. Med. parazit. i parazit. bol. no. 3:285-287 '62.
Treatment of ascariasis by means of single doses of piperazine adipinate in the Lithuanian S. S. R. J. Levinas. Med. parazit. i parazit. bol. no. 3:291-293 '62.
Treatment of ascariasis by the method of single-dose piperazine adipinate administration in the Moldavian S. S. R. E. I. Simkhovich, A. I. Grinberg, I. M. Raitel'd. Med. parazit. i parazit. bol. no. 3:294-295 '62.

ADMINISTRATION OF JUSTICE see Justice, Administration of

ADMINISTRATIVE LAW
Current theoretical problems of Soviet administrative law. TS. A. IAmpol'skaia. Sov. gos. i pravo 32 no. 10: 15-24 O '62.
"The decentralization of administration" [in Polish] by J. Staniasiak. Reviewed by A. Kh. Mukhnenko. Sov. gos. i pravo 32 no. 10:148-150 O '62.
Pakhomov, L. M. [Soviet administrative law; general part] Radians'ke administratyvne pravo; zahal'na chastyna. [L'viv] Vyd-vo L'vivs'koho univ., 1962. 294 p.
The violation of Soviet laws. Sov. deput. trud. no. 10:111 O '62.
What the expression "within his jurisdiction" means? V. Stepanov. Sov. deput. trud. no. 10:94-97 O '62.

ADONIS see subdivision under Ukraine

ADRENAL CORTEX
Effect of nitrogen dioxide on the adrenal cortex in white rats in chronic intoxication. P. P. IAkimchuk, IA. M. Miloslavskii, L. L. Miloslavskaia. Gig. i san. 26 no. 12: 70-80 D '61.
Functional state of the adrenal cortex in infectious nonspecific polyarthritis and its change under the influence of hormonal therapy. M. G. Astapenko, N. B. Enikeeva. Terap. arkh. no. 6:60-67 '62.
Significance of the adreno-pituitary system for the function of the hematoencephalic barrier. I. V. Markova. Usp. sovr. biol. 53 no. 3:347-363 My-Je '62.

ADRENAL CORTEX—TUMORS
Case of successful surgical treatment of corticosteroma with Itsenko-Cushing syndrome. I. E. Matsuev, IA. M. Miloslavskii. Klin. med. 40 no. 6:109-112 Je '62.

ADRENAL GLANDS—CANCER
Adrenal neuroblastomas. IU. I. Fishzon-Ryss, G. A. Galil-Ogly, K. K. Poroshin. Klin. med. 40 no. 6:71-78 Je '62.

ADRENAL GLANDS—DISEASES
Case of hormone therapy of adrenal gland coma. IA. A. Kots. Kaz. med. zhur. no. 3:52-53 My-Je '62.

ADRENALINE
Comparative data on the use of novocaine anesthesia with and without adrenaline in extracting teeth from individuals with cardiovascular diseases. Z. M. Mikeba. Stomatologiia 41 no. 4:57-59 Jl-Ag '62.

ADSORPTION

Adsorption drying of gas with heat exchange at low temperatures of contact. A. P. Klimenko, V. I. Mogil'nyi. Trudy Inst. ispr. gaza AN USSR 9,5-9 '61.

Adsorption of asphaltenes by quartz. L. V. Liutin, I. P. Olenikov. Nauch.-tekh. sbor. po dob. nefti no. 16 78-81 '62.

Enrichment of weak nitrous gases by adsorption in a fluidized bed. E. A. Kazakova, M. K. Cherniavskaia, N. V. Nizhegorodova. Khim. prom. no. 7:506-512 Jl '62.

ADULT EDUCATION

(see also subdivision under Krasnoyarsk)

Mialkin, A. V. [Leisure and the all-round development of personality] Svobodnoe vremia i vsestoronnee razvitie lichnosti. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1962. 69 p.

University guidance. B. Dmel'ianov. Sov. profsoiuzy 18 no. 18:39-40 S '62.

ADYGE—SOCIAL LIFE AND CUSTOMS

Changes in the culture and mode of life of the Adyge people during the years of Soviet rule [with summary in English]. L. I. Lavrov. Sov. etn. no. 4 16-32 Jl-Ag '62.

ADZHARISTAN—HISTORY

[illegible] ba materialy, 1917-1921 gg. Sost. L. N. Kalandarishvili. Batumi, Gos. izd-vo, 1961. 423 p. (Mil)

AERIAL PHOTOGRAMMETRY

Bugaets, E. A. [Theory of combined outline method for making a topographic map; lecture 1 for students of the Mining Department specializing in mine surveying] Teoriia konturno-kombinirovannogo metoda sozdaniia topograficheskoi karty, lektsiia 1 dlia studentov gornogo fakul'teta spetsial'nosti "Marksheiderskoe delo." Moskva, Vses. zaochnyi politekhn. in-t, 1960. 46 p.

AERODYNAMICS

Physical bases of the aerodynamics of high subsonic speeds. V. Fedorov. Grazhd. av. 12 no. 11:15-16 N '55.

AERODYNAMICS—TABLES, ETC.

Katskova, O. N., and IU. D. Shmyglevskii. [Tables of the parameters on axially symmetric supersonic flow of a freely expanding gas with a plane transition surface] Tablitsy parametrov osesimmetrichnogo sverkhzvukovogo techeniia svobodno rasshir. latushchegosia gaza s ploskoi perekhodnoi poverkhnost'iu. Moskva, Izd-vo Akad. nauk SSSR, 1962. 303 p.

AERODYNAMICS, HYPERSONIC

Asymmetrical hypersonic flow past a circular cone. B. M. Bulakh. Prikl. mat. i mekh. 26 no. 5:973-976 S-O '62.

AERODYNAMICS, SUPERSONIC

Airfoil with optimum curvature and twist in a supersonic flow. E. V. Bulygina. Izv. vys. ucheb. zav.; av. tekh. 5 no. 3:12-16 '62.

AERONAUTICS—ABSTRACTS

[Air transportation] Ref. zhur.: Vozd. transp. no. 10 O '62.

AERONAUTICS—SAFETY MEASURES

Hydrodynamometer for testing the strength of anchor fastenings of airplanes. A. Soregin. Grazhd. av. 12 no. 11:14 N '55.

AERONAUTICS—STUDY AND TEACHING

Group commander Vladimir Klichko. G. Kovnienko. Grazhd. av. 12 no. 11:5-6 N '55.

In Kiev no attention is paid to propagandizing aviatorial skill. A. Vasilenko. Grazhd. av. 12 no. 11:10-11 N '55.

Stressing the teacher's role in the education and training of students. A. Berkutov, V. Gol'dvasser. Grazhd. av. 12 no. 11:8-9 N '55.

AERONAUTICS, COMMERCIAL

(see also subdivision under Antarctic regions; Rumania)

Commercial aviation diary. Grazhd. av. 12 no. 11:34 N '55.

Conference on Revising the Warsaw Convention on International Air Traffic. A. Vereshchagin. Grazhd. av. 12 no. 11:33 N '55.

Facing the 20th Congress of the CPSU. T. Ul'ianova. Grazhd. av. 12 no. 11:3-4 N '55.

Foreign news. Grazhd. av. 12 no. 11:30 N '55.

On the main highways of the fifth ocean. E. F. Loginov. Sov. voin. 44 no. 19:36-37 O '62.

Under the banner of the Great October Socialist Revolution. Grazhd. av. 12 no. 11:1-2 N '55.

AERONAUTICS, COMMERCIAL—BIBLIOGRAPHY see Bibliography—Aeronautics, Commercial

AERONAUTICS IN AGRICULTURE

Aviation's role in expanding the area under cultivation. P. Zakharov. Grazhd. av. 12 no. 11:30 N '55.

AERONAUTICS IN GEOLOGY

(see also subdivision under Rumania)

Kotliuk, A. F., and others. [Apparatus for aerial electric prospecting using the infinitely long cable method] Apparatura dlia aeroelektrorazvedki metodom beskonechno dlinnogo kabelia. Otvet. red. K. B. Karandeev. Novosibirsk, Izd-vo Sibirskogo otd-niia AN SSSR, 1962. 78 p.

AERONAUTICS IN INSECT CONTROL

Use of a fine chemical spray from an airplane in controlling tick-borne encephalitis carriers in the Anzhero-Sudzhensk District in 1957-1959 [with summary in English]. M. A. Leriukhin and others. Med. parazit. i parazit. bol. no. 3:347-351 '62.

AEROSOLS

Inhalation of acetylcholine aerosols in function tests of the respiratory apparatus in chronic bronchitis and pneumoconioses. A. O. Navakatikian. Klin. med. no. 12 60-64 '61.

Theory of precipitation of highly dispersed aerosols from a flow on an ultrathin cylinder. L. V. Radushkevich, M. V. Velichko. Dokl. AN SSSR 148 no. 2 406-408 S '62.

AESTHETICS

"Abstractionism is the destruction of aesthetics" by S. L. Mozhniagun. Reviewed by M. Baskin. Iskusstvo 25 no. 7,71-73 '62.

"Aesthetic ideal of Soviet literature" by N. Gei, V. Piskunov. Reviewed by I. Dubrovina. Vop. lit. 6 no. 9 218-221 S '62.

Alkhenval'd, IU. A. [Learn to perceive the beautiful; on the aesthetic education of children and youth] Uchite videt' prekrasnoe; ob esteticheskom vospitanii podrostkov i iunoshestva. Moskva, Izd-vo "Znanie," 1962. 47 p. (Novoe v zhizni, nauke, tekhnike XI Seriia: Pedagogika, no. 15)

The beauty of nature and the nature of beauty [with summary in English]. M. S. Kagan. Vest. LGU 17 no. 17: 60-70 '62.

"Comrade time and comrade art" by V. N. Turbin. Reviewed by N. Malakhov. Mol. kommun. no. 6:113-117 Je '62.

Current problems of aesthetics in the light of the new program of the CPSU. Vop. filos. 16 no. 9:3-14 '62.

Lebedev, A. A. [A. V. Lunacharskii's aesthetic views] Esteticheskie vzgliady A. V. Lunacharskogo; ocherki. Moskva, Izd-vo "Iskusstvo," 1962. 246 p.

Matsa, I. L. [History of the study of aesthetics] Istoriia esteticheskikh uchenii; uchebnoe posobie. [Moskva] Izd-vo Mosk. univ., 1962. 106 p.

Moscow. Publichnaia biblioteka. [An aid for libraries on aesthetic education] V pomoshch' rabote bibliotek po esteticheskomu vospitaniiu; sbornik statei. Moskva, M-vo kul'tury RSFSR, 1962. 143 p.

"On good artistic taste" by V. Razumnyi. Reviewed by I. Astakhov. Teatr 23 no. 8:134-137 Ag '62.

"The reactionary character of modern bourgeois aesthetics" by A. Egorov. Reviewed by M. Baskin. Teatr 23 no. 9:125-129 S '62.

Some contradictions in the theory of "aesthetic qualities." V. P. Ivanov. Nauch. dokl. vys. shkoly; filos. nauki 5 no. 3:113-117 '62.

Work, art, and communism. G. Kunitsyn. Kommunist 39 no. 15:81-89 O '62.

AESTHETICS—BIBLIOGRAPHY see Bibliography—Aesthetics

AESTHETICS—STUDY AND TEACHING

Local history classes and the aesthetic training of students. M. Ryukin. Nar. asv. no. 6:38-43 Je '62.

Shestakov, V. P. [Problems of aesthetic education; outline history] Problemy esteticheskogo vospitaniia; ocherki istorii. Moskva, Vysshaia shkola, 1962. 119 p. (Materialy k lektsiiam po filosofii)

Some problems concerning the aesthetic education of the masses. G. Fomin. Part. zhizn' no. 10:26-32 O '62.

AFRICA—ARCHAEOLOGY

Main problems of African archaeology. L. A. Fadeev. Sov. arkheol. 6 no. 3:134-146 '62.

AFRICA—BIBLIOGRAPHY

[New Soviet and foreign literature on the countries of the non-Soviet East] Nov. sov. i inostr. lit. po stran. zarub. Vost. no. 5 '62.

AFRICA—FOREIGN ECONOMIC RELATIONS—EUROPE, WESTERN

Imperialist Eurafrican plans [with English summary in appendix]. A. Rubinin. Vnesh. torg. 42 no. 9:25-32 '62.

AFRICA—FOREIGN ECONOMIC RELATIONS—GERMANY, WEST

Penetration of West German monopolies into African countries. P. I. Pol'shikov. Uch. zap. IMO no. 6:76-101 '61.

AFRICA—FOREIGN ECONOMIC RELATIONS—UNITED STATES

A new menace for Africa. D. Kasatkin. Az. i Afr. seg. no. 9:43-45 S '62.

AFRICA—FOREIGN RELATIONS—UNITED STATES

A new menace for Africa. D. Kasatkin. Az. i Afr. seg. no. 9:43-45 S '62.

AFRICA—GEOLOGY, STRATIGRAPHIC

Krige, N. J. [Quaternary sediments of Africa and southwestern Asia] Chetvertichnye otlozheniia Afriki i Perednei Azii. Moskva, Izd-vo Akad. nauk SSSR, 1962. 141 p.

AFRICA—INVESTMENTS, WEST GERMAN

Penetration of West German monopolies into African countries. P. I. Pol'shikov. Uch. zap. IMO no. 6:76-101 '61.

AFRICA—LABOR AND LABORING CLASSES

"Conditions of the working class and labor movement in the countries of Asia and Africa." Reviewed by N. Oparin. Nov. vrem. 20 no. 42 28-29 O '62.

Popov, IU. N. [The working class of Africa in the struggle for unity] Rabochii klass Afriki v bor'be za edinstvo. [Moskva] Profizdat, 1962. 69 p.

AFRICA—LITERATURES

Youthfulness of the poetry of Angola and Mozambique. Lidiia Nekrasova. Vop. lit. 6 no. 9:200-210 S '62.

AFRICA—NATIVE RACES

Some traits of life of the peoples of Africa. S. P. Kulik. Geog. v shkole 25 no. 5 27-35 S-O '62.

AFRICA—PHYSICAL GEOGRAPHY

Lukoianov, S. M. [Africa, physicogeographical features] Afrika; fiziko-geograficheskaia kharakteristika. [Leningrad] Izd-vo Leningr. univ., 1962. 146 p.

AFRICA—POLITICS

Daily round of fighting Africa. V. Kudriavtsev. Mezhdunar. zhizn' 9 no. 10 68-77 O '62.

The Monrovia group of African states. Mezhdunar. zhizn' 9 no. 10:142-144 O '62.

AFRICA—RELIGION

Journey to African Christians (conclusion). P. Sokolovskii. Zhur. Mosk. Patr. no. 9:44-47 Ag '62.

AFRICA, BRITISH EAST—ECONOMIC CONDITIONS

Role of state capitalist corporations in the intensification of the exploitation of the East African colonies of Great Britain. A. M. Glukhov. Uch. zap. IMO no. 6:41-57 '61.

AFRICAN LITERATURE

"By the road of peace." Reviewed by V. Evgen'ev. Az. i Afr. seg. no. 9:46 S '62.

AFRICAN STUDIES

Useful and fruitful contacts [with English summary in insert]. IU. Il'in. Az. i Afr. seg. no. 9:52 S '62.

AGAR

Ratio of solvent to raw material in boiling out agar. V. A. Evtushenko, V. K. Pochkalov. Ryb. khoz. 38 no. 8: 69-71 '62.

AGGLUTINANTS see Adhesives

AGGREGATES

Finiteness test for the linear measure of plane continua. G. E. Perevalov. Sib. mat. zhur. 3 no. 3 366-390 My-Je '62.

Radical ring of quotients. V. P. Elizarov. Sib. mat. zhur. 3 no. 3 350-367 My-Je '62.

A set swept by a straight line segment. L. N. Bernshtein. Dokl. AN SSSR 146 no. 1:11-13 S '62.

Some properties of weakly and strongly converging sequences of completely additive set functions. M. F. Kvachko. Izv. AN Kazakh SSR. Ser. mat. i mekh. no. 10 60-69 '62.

Speed of the decrease of solutions of evolutionary equations. O. I. Prozorovskaia. Sib. mat. zhur. 3 no. 3 391-408 My-Je '62.

Structural characteristics of semigroups. L. N. Shevrin. Sib. mat. zhur. 3 no. 3,446-470 My-Je '62.

Uniform approximation of points of dynamically limiting sets and the motions in them. K. S. Sibirskii. Dokl. AN SSSR 146 no. 2:307-309 S '62.

AGGREGATES (BUILDING MATERIALS) see subdivision under Golovnaya Hydroelectric Power Station

AGGREGATES (BUILDING MATERIALS)—TESTING

Study of the strength of porous aggregates in concrete. S. M. Iskovich. Stroi. mat. 8 no. 8:36-37 Ag '62.

AGING

Method of exercise therapy for elderly people at health resorts. A. F. Poroshin. Vop. kur., fizioter. i lech. fiz. kul't. 27 no. 3:252-254 My-Je '62.

AGRANULOCYTOSIS

Agranulocytosis developing after implantation of autoclaved spleen and immune agranulocytosis with favorable effect from cortisone therapy. A. F. Taranenko. Probl. gemat. i perel. krovi no. 6:47-48 '62.

AGRICULTURAL ADMINISTRATION

(see also subdivision under Chechen-Ingush A. S. S. R.; Kaliningrad Province; Khodzhabadskiy District; Koshekhabl' District; Kurgan Province; Mogilev Province; Poltava Province)

Introduction and dissemination of progressive experience is the main concern of agricultural supervision. A. N. Nasybullin. Uch. zap. EGPI 12:3-26 '62.

AGRICULTURAL ADMINISTRATION (Continued)

"Present-day phase of the building of communism and the objective of our party to improve its guidance of agriculture" by N. S. Khrushchev. Reviewed by A. A. Voronovich. Vop. ist. KPSS 6 no. 5 183-186 '62.

AGRICULTURAL CHEMICALS—TOXICOLOGY

Use of toxic chemicals in agriculture and the rendering of medical aid in [cases of] poisonings with them. A. S. Vyshlinin. Fel'd. i akush. 27 no. 7,25-28 Jl '62.

AGRICULTURAL CHEMISTRY

Problems of the chemicalization of agriculture today. S. I. Vol'fkovich. Vest. AN SSSR 32 no. 9 30-38 S '62.

AGRICULTURAL COURTS AND PROCEDURE

Osipov, N. T. [Fellow farmers' courts on collective farms] Tovarishcheskie sudy v kolkhozakh. Leningrad, Ob-vo po rasprostraneniiu polit. i nauchnykh znanii RSFSR, 1962. 41 p.

AGRICULTURAL CREDIT

(see also subdivision under Lithin District, Volyn' Province)

Aid the successful carrying out of state deliveries. Den. i kred. 20 no. 8 3-9 Ag '62.

Improve the credit-payment service to collective and state farms. F. Zinchenko. Den. i kred. 20 no. 9: 90-93 S '62.

AGRICULTURAL GEOGRAPHY

Geographers and agriculture. Vest. AN SSSR 32 no. 9: 121-122 S '62.

AGRICULTURAL IMPLEMENTS

Contribution to the theory on the sieving operation of sieves. N. I. Syssev. Trakt. i sel'khozmash. 32 no. 10,19-21 O '62.

AGRICULTURAL JOURNALISM see Journalism, Agricultural

AGRICULTURAL LABORERS—HOUSING see Housing, Rural

AGRICULTURAL LAWS AND LEGISLATION

Forgotten cases. G. Starodubtsev. Sov. just. no. 19 26-27 O '62.

Special benefits for the farmers who settle on virgin and waste lands. P. Gurev. Otv. na vop. trud. no. 6:82-84 Je '62.

AGRICULTURAL MACHINERY

The G66 61 mobile clamp farming machine. K. A. Glukhov. Bibl. tekh.-ekon. inform. Gos. nauch.-issl. inst. nauch. i tekh. inform. no. 9:59-61 '62.

The KON-2, SIPM cultivator-ridger. B. P. Chernobaev. Trakt. i sel'khozmash. 32 no. 10 39-40 O '62.

Metallurgy in aid of agriculture. Metallurg 7 no. 8,1 Ag '62.

Piston or rotor? G. Tikhonov. Izobr. i rats. no. 8:5-6 Ag '62.

A universal self-propelled chassis with a set of mounted machinery. Kh. I. Izrailson. Trakt. i sel'khozmash. 32 no. 10,16-18 O '62.

Use of plastic materials for increasing the reliability and operating life of agricultural machinery. I. P. Rabinovich, Iu. F. Klimchuk. Trakt. i sel'khozmash. 32 no. 10 21-23 O '62.

Using aluminum alloys in the construction of agricultural machines [with summary in English]. G. G. Bulovnev. Izv. TSKHA no. 2:140-144 '62.

What the agricultural machinery builders expect from agricultural science. A. I. Butanov. Trakt. i sel'khozmash. 32 no. 10 14-15 O '62.

AGRICULTURAL MACHINERY—ABSTRACTS

[Tractors and agricultural machinery] Ref. zhur. Otd. vyp. 44: Trakt. i sel'khoz. mash. nos. 17, 19-20 S-O '62.

L MACHINERY—BIBLIOGRAPHY see —Agricultural machinery

MACHINERY—CONGRESSES

erence on Problems of Agricultural Ma- , Krylov. Zemledelie 24 no. 8:91-93 Ag

MACHINERY—ELECTRIC DRIVING

conomical prerequisites of the use of syn- ors for the electric drive of some agricul- s. B. S. Inozemtsev. Vlenyk sil'hosp. 1:10-26 Ag '62.

MACHINERY—MAINTENANCE AND RE-

s concerning the use and repair of agri- ment on collective farms. B. Liskovets. 18:8-10 S '62.

MACHINERY—PRODUCTION STAND-

R.S.F.S.R.) Ministerstvo sel'skogo Tsentral'naia zonal'naia normativnoissle- stantsiia. [Collection of technologically uction norms for mechanized farm work] Sbornik tekhnicheski obosnovannykh nomoi proizvoditel'nosti na sel'skokhoziai- hanizirovannyo raboty. Moskva, Izd-vo 1962. 231 p.

AGRICULTURAL MACHINERY—STORAGE

Mikhailov, I. N., and A. V. Morshin. [Proper storage of machinery] Kak pravil'no khranit' mashiny. [Moskva] Mosk. rabochii, 1962. 35 p. (Sovety molodomu mekhanizatoru)
(DNAL)

AGRICULTURAL MACHINERY—TECHNOLOGICAL INNOVATIONS

Innovators help agriculture. Iu. I. Maksarev. Izobr. i rats. no. 10,1-2 O '62.

AGRICULTURAL MACHINERY INDUSTRY
(see also subdivision under Aktyubinsk; Moldavia; Rostov-on-Don, Saratov, Tashkent)

A mechanized continuous line for manufacturing the discs of the leading wheels of a combine. A. N. Cherepakhin, N. I. Duplov. Trakt. i sel'khozmash. 32 no. 10 10-12 O '62.

AGRICULTURAL MACHINERY INDUSTRY—FINANCE see subdivision under Kherson

AGRICULTURAL POLICY
(see also subdivision under Turkey)

The building of communism in the U.S.S.R. and the development of Soviet agriculture. V. Polikarov. Kommunist 39 no. 16:52-64 N '62.

Chukin, P. I. [Rural areas on the road toward socialism] Derevnia na puti k kommunizmu. Moskva, Gospolitizdat, 1962. 69 p. (V pomoshch' izuchaiushchim materialy XXII s"ezda KPSS)

Moscow. Akademiia obshcheatvennykh nauk. [Alliance between the working class and peasantry at the present-day stage] Soiuz rabochego klassa i krest'ianstva na novom etape. Moskva, Izd-vo VPSh i AON, 1962. 350 p.

"Present-day phase of the building of communism and the objective of our party to improve its guidance of agriculture" by N. S. Khrushchev. Reviewed by A. A. Voronovich. Vop. ist. KPSS 6 no. 5:183-186 '62.

AGRICULTURAL PRICES—CONGRESSES

Problems of price determination for agricultural products. V. Chernyshova, L. Grushetskii. Vop. ekon. no. 9:145-150 S '62.

AGRICULTURAL RESEARCH
(see also subdivision under Ryazan, Ukraine, Virgin Territory)

In cooperation with science. V. Mezentsev. Nauka i tekh. no. 6:12-17 Je '62.

A school of plant breeding. V. Lobanov, D. Chernikov. Nauka i tekh. no. 6:18-22 Je '62.

Some results of the work of research institutes in 1961 and tasks for 1962. M. A. Olshanskii. Vest. sel'khoz. nauki 7 no. 6:20-29 Je '62.

AGRICULTURAL WAGES

In the Board of Directors of the State Bank of the U.S.S.R. Den. i kred. 20 no. 8:92-93 Ag '62.

The piece-work bonus wage system on state farms. V. Ilinskii. Polit. samoobr. 6 no. 8:85-87 S '62.

AGRICULTURAL WORKERS see subdivision under Ivanovo Province; Omsk Province, Pervomaiskiy District (Tambov Province)

AGRICULTURAL WORKERS—DISEASES AND HYGIENE

Prevention of impetiginous diseases in cotton growers. G. M. Gokasian. Fel'd. i akush. 27 no. 7:30-31 Jl '62.

AGRICULTURE
(see also subdivision under Altai Territory; Balkhash District; Bykhov District, Dmitrovsk District; Grodno Province; Kazakhstan, Kiev Province; Leningrad Province; Livonia; Magadan Province; Moldavia; Namagan region; Nizhniy Lomov District; Osh Province; Poland, United States; Verkhne-Chirchik District; White Russia)

"Agriculture of ancient Russia before the middle of the 13th century" by V. I. Dovzhenok. Reviewed by I. Boiko. Nar. tvor. ta etn. 6 no. 1.142-145 Ja-Mr '62.

[Collective farming.] Kolkhoznoe zemledelie 20 no. 49 Ap '61.
(DNAL)

From the pages of foreign biological and agricultural publications. N. F. Neiman, G. N. Miroshnichenko. Agrobiologiia no. 4 636-638 Jl-Ag '62.

Inexhaustible treasures. G. A. Naltvaiko. IUn. nat. no. 8:2-4 Ag '62.

[Know how to use every hectar of land] Umelo ispol'zovat' kazhdyi gektar zemli. Moskva, Izd-vo MSKh RSFSR, 1962. 42 p.
(DNAL)

[People, machines, land; a story by several people] Parni, mashiny, zemlia; kollektivnyi rasskaz. [Moskva] Molodaia gvardiia, 1962. 48 p.
(DNAL)

Secure the energy of youth for the communist cause. V. Sniushev. Mol. kommun. no. 6:8-16 Je '62.

Serious and responsible topic. B. Reshin. Part. zhizn' no. 19:76-77 O '62.

Tasks of agricultural science in the light of the decisions of the March Plenum of the Central Committee of the CPSU. K. G. Pysin. Vest. sel'khoz. nauki 7 no. 6:3-19 Je '62.

Wintertime is a season of hard work in rural areas. Sov. deput. trud. no. 10:3-8 O '62.

"Without clean fallows" by M. P. Pronin, V. G. Minaev, M. I. Shapovalova. Reviewed by I. A. Alamedov. Zemledelie 24 no. 8 91-95 Ag '62.

AGRICULTURE - ABSTRACTS

[Agriculture, classed index of articles in foreign periodicals] Sel'. khoz., ist. ukaz. st. v inostr. zhur. nos. 6-7 '62.

AGRICULTURE—AUDITING AND INSPECTION
(see also subdivision under Tatar A.S.S.R.)

From the work practice of territorial auditing and inspection offices. I. Klimenko, I. Golub, S. Anikiiev. Vest. stat. no. 9 51-54 '62.

AGRICULTURE—BIBLIOGRAPHY see Bibliography—Agriculture

AGRICULTURE—CHILD LABOR see Children in agriculture

AGRICULTURE—ECONOMIC ASPECTS
(see also subdivision under France)

Kommunisticheskaia partiia Sovetskogo Soiuza. Vysshaia partiinaia shkola. Kafedra sovetskoi ekonomiki. [Course outline on the economics of agricultural enterprises for economics groups and seminars of the system of political education] Programma po ekonomike sel'skokhoziaistvennykh predpriatii dlia ekonomicheskikh kruzhkov i seminarov sistemy politicheskogo prosveshcheniia. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1962. 31 p.

Kommunisticheskaia partiia Sovetskogo Soiuza. Vysshaia partiinaia shkola. Kafedra sovetskoi ekonomiki. [Course outline on the fundamentals of economics of socialist agriculture for state and collective farm workers studying in elementary economics groups and production training classes] Programma po osnovam ekonomiki sotsialisticheskogo sel'skogo khoziaistva dlia rabochikh sovkhozov i kolkhoznikov, zanimaiushchikhsia v nachal'nykh ekonomicheskikh kruzhkakh i shkolakh proizvodstvennogo obucheniia. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1962. 15 p.

Learn to manage a farm; highly-productive agriculture is a necessary condition for the building of communism; methodological advice. M. Makeenko. Komm. Mold. 7 no. 8:68-71 S '62.

Trends in the development of productive forces in agriculture during the large-scale building of communism. M. P. Lavrionov. Nauch. dokl. vys. shkoly, filos. nauki 5 no. 3:22-29 '62.

AGRICULTURE—HYGIENIC ASPECTS

"Industrial hygiene in agriculture." Edited by A. A. Letavet, L. I. Medved'. Reviewed by [A. D. Nefedkin]. Gig. i san. 26 no. 12:103-104 D '61.

AGRICULTURE—LABOR PRODUCTIVITY
(see also subdivision under Chimkent Province; Orgeyev District, Ukraine)

Brachnikh, B. I. [Labor productivity in agriculture; accounting and planning methods] Proizvoditel'nost' truda v sel'skom khoziaistve, metodika ucheta i planirovaniia. Moskva, Sel'khozizdat, 1962. 430 p.

AGRICULTURE—PERIODICALS see subdivision under Ukraine

AGRICULTURE—QUOTATIONS, MAXIMS, ETC. see subdivision under Dnieper Valley

AGRICULTURE—STATISTICS

Planting acreage of agricultural crops across the Union Republics for 1961-1962. Vest. stat. no. 9:91-94 '62

AGRICULTURE—STUDY AND TEACHING
(see also subdivision under Kamyshevatka)

Agricultural knowledge of primary school students. P. A. Zavitaev. Nach. shkola 30 no. 8 71-77 Ag '62

Akademiia pedagogicheskikh nauk RSFSR, Moscow. Institut vecherniki (smennykh) i zaochnykh srednikh shkol. [Training of students in agricultural work] Podgotovka uchashchikhsia k trudu v sel'skom khoziaistve; sbornik pod red. N. M. Verzilina. Moskva, Izd-vo APN RSFSR, 1962. 100 p. (Pedagogicheskie chteniia)

From the practice of combining instruction with agriculture. K. I. Osipov, A. P. Shirshikov. Vech. shred. shkola 5 no. 3,49-51 My-Je '62.

Kivotov, S. A. [Practical work in school garden plots and on collective farms; a textbook for grade 7 of the secondary school] Prakticheskie zaniatiia na shkol'nom uchebno-opytnom uchastke i v kolkhoze; posobie dlia uchashchikhsia VII klassov srednoi shkoly. Izd. 2. Moskva, Gos. uchebno-pedagog. izd-vo, 1959. 95 p.
(TNJ)

New curriculum for agriculture. V. F. Krasota. Vest. sel'khoz. nauki 7 no. 6:152-153 Je '62.

AGRICULTURE—TERMINOLOGY

New tendencies in the development of agricultural terminology. M. F. Boyko. Movoznavstvo 16.03-05 '61.

AGRICULTURE, COOPERATIVE see subdivision under Alföld; Vladimir Government

AGRICULTURE, PRIMITIVE

"Agriculture of ancient Russia prior to the middle of 13th century" by V. I. Dovzhenok. Reviewed by B. A. Rybakov, A. V. Kirilanov. Sov. arkheol. 6 no. 3:324-332 '62.

AGRICULTURISTS see subdivision under Brest Province

AIR

Rivkin, S. L. [Thermodynamic properties of air and combustion products of fuels] Termodinamicheskie svoistva vozdukha i produktov sgoraniia topliv. Izd. 2., ispr. i dop. Moskva, Gosenergoizdat, 1962. 102 p. diagrs.

AIR—ANALYSIS

Leningrad. Glavnaia geofizicheskaia observatoriia [Data on the chemical composition of atmospheric precipitation and total ozone content of the atmosphere at various points of the U. S. S. R., materials of the International Geophysical Year and International Geophysical Cooperation for 1957-1959] Dannye po khimicheskomu sostavu atmosfernykh osadkov i obshchemu soderzhaniiu ozona v atmosfere v razlichnykh punktak SSSR, materialy MGG i MGS za 1957-1959 gg. Leningrad, Gidrometeoizdat, 1961. 81 p.

Method for determining small quantities of phosphorus organic compounds in the air. Kh. IA. Vengerskaia, L. G. Shelukhina. Gig. i san. 26 no. 12:86-D '61.

Methods for the determination of atmospheric contaminations. M. V. Alekseeva. Pred. dop. kontsent. atmosf. zagr. no. 6:187-220 '62.

Russia (1923- U. S. S. R.) Gosudarstvennyi komitet po vnedreniiu peredovoi tekhniki v narodnoe khoziaistvo. [Industrial enterprises, methods for determining harmful substances in the air] Predpriiatiia promyshlennye, metody opredeleniia vrednykh veshchestv v vozdukhe. Izd. ofitsial'noe. Moskva, Standartgiz, 1961. 65 p. (SSSR. Gosudarstvennye standarty)

AIR—POLLUTION

(see also subdivision under Kaluga; Kirovograd, Shebekino)

Acetone as an atmospheric pollutant. R. G. Pel'dinan. Pred. dop. kontsent. atmosf. zagr. no. 6:109-127 '62.

Contamination of the air by manganese compounds and their effect on the organism. V. P. Dobuchaeva, N. N. Skvortsova. Pred. dop. kontsent. atmosf. zagr. no. 6: 68-80 '62.

The danger of microorganism and its prevention under laboratory conditions. I. M. Trakhtenberg. Lab. delo 8 no. 8:18-24 Ag '62.

Data on the hygienic evaluation of the aerosol of hydrochloric acid (hydrogen chloride) as an atmospheric pollutant. L. V. Elfimova. Pred. dop. kontsent. atmosf. zagr. no. 6:31-46 '62.

Determination of acetophenone in the air. V. A. Khrustaleva. Gig. i san. 26 no. 12:39-42 D '61.

Gamma-ray monitoring of inhaled radon. L. S. Ruzer. Atom. energ. 13 no. 5:381-385 O '62.

Hygienic bases of the maximum permissible concentrations of chlorine and hydrogen chloride if simultaneously present in the air. V. M. Stiazhkin. Pred. dop. kontsent. atmosf. zagr. no. 6:96-100 '62.

Hygienic evaluation of dinil as an air pollutant. G. I. Solomin. Pred. dop. kontsent. atmosf. zagr. no. 6:154-164 '62.

Hygienic evaluation of floor covering made of plastic materials. K. I. Stankevich. Gig. i san. 26 no. 12:81-82 D '61.

Hygienic evaluation of formaldehyde as an atmospheric pollutant. V. P. Molekhin. Pred. dop. kontsent. atmosf. zagr. no. 6:10-30 '62.

Maximum permissible concentrations of harmful substances in the air. Pred. dop. kontsent. atmosf. zagr. no. 6:221-222 '62.

New data for the hygienic evaluation of carbon monoxide in the air. T. M. Shul'ga. Pred. dop. kontsent. atmosf. zagr. no. 6:128-145 '62.

Recent data on maximum permissible concentrations of atmospheric contaminations. V. A. Riazanov. Pred. dop. kontsent. atmosf. zagr. no. 6:3-15 '62.

Recent experimental data on the accumulation and distribution of mercury in the organism of experimental animals. Pred. dop. kontsent. atmosf. zagr. no. 6:81-95 '62.

Revision of the maximum permissible single concentration of carbon disulfide in the air. R. S. Gil'denskiol'd. Pred. dop. kontsent. atmosf. zagr. no. 6:40-67 '62.

AIR, IONIZED—THERAPEUTIC USE

"Aeroion therapy of hypertension" by F. G. Portnov. Reviewed by N. P. Krylov, V. M. Leonova. Vop. kur., fizioter. i lech. fiz. kul't. 27 no. 3:273-274 My-Je '62.

AIR COMPRESSORS

Results of studying V-300-2K type compressors. B. A. Nosyrev, V. S. Zviagin. Izv. vys. uch. zav., gor. zhur. 5 no. 6:174-177 '62.

AIR CONDITIONING

Nesterenko, A. V. [Principles of thermodynamical calculations in air conditioning and ventilation] Osnovy termodinamicheskikh raschetov ventiliatsii i konditsionirovaniia vozdukha. Moskva, Vysshaia shkola, 1962. 354 p.

Unit for drying the air using concentrated solutions of liquid sorbents. V. I. Syshchikov. Vod. i san. tekh. no. 8:16-18 Ag '62.

AIR-ENTRAINED CONCRETE

New insulating material based on air-entrained concrete. G. V. Sadovnikov. Energetik no. 27 10-11 '62.

Without using cement. I. Gvozdarev, N. Dikerman. Stroi. tekhnika, Mosk. 11 no. 9:12-11 S '62.

AIR FLOW

Optical method for studying the structure of air flows in the surface layers of the atmosphere. N. I. Kozhevnikov. Vest. Mosk. un. Ser. 3 Fiz., astron. 17 no. 1 Ja-Ag '62.

AIRCRAFT ACCIDENTS, LIABILITY FOR see Liability for aircraft accidents

AIRFOILS

Airfoil with optimum curvature and twist in a supersonic flow. F. V. Bulygina. Izv. vys. ucheb. zav., av. tekh. 5 no. 3:12-15 '62.

Motion of an airfoil having a flat bottom surface with sonic speed and at the angle of attack. G. K. Asdanov. Izv. vys. ucheb. zav., av. tekh. 5 no. 1:3-11 '62.

AIRLINES

Air communications with 25 countries of the world. P. Chalkov. Vnesh. torg. 42 no. 8:24 '62.

The route of friendship. Grazhd. av. 12 no. 11:31 N '55.

AIRLINES—ACCOUNTING

Improving business accounting in operational subunits. Z. Rumiantseva. Grazhd. av. 12 no. 11:27-28 N '55.

AIRPIPES

Nomogram for selecting diaphragms with a central opening along the axis of an air duct. V. P. Gershkovich. Vod. i san. tekh. no. 7:7-8 Jl '62.

Notes on calculations for T-pipes on supply air conduits. N. I. Timofeev. Vod. i san. tekh. no. 8:19-20 Ag '62.

AIRPLANE INDUSTRY

U. S. S. R. exports airplanes. V. Vasin. Vnesh. torg. 42 no. 8:11-13 '62.

AIRPLANES

Bolkhovitinov, B. F. [Trends in the development of aircraft] Puti razvitiia letatel'nykh apparatov. Moskva, Oborongiz, 1962. 120 p.

AIRPLANES—COLD WEATHER OPERATION

Operation of IAK-12R and IAk-12M airplanes in winter. V. Glazkov. Grazhd. av. 12 no. 11:29-31 N '55.

Over the snow-covered fields. D. Pikazchikov. Grazhd. av. 12 no. 11:6-7 N '55.

AIRPLANES—DESIGN AND CONSTRUCTION

An airplane with ring-shaped wings. B. Alkovlev. Grazhd. av. 12 no. 11:30 N '55.

Method for economic analysis of the reliability of aviation parts and systems. I. L. Drakin. Izv. vys. ucheb. zav.; av. tekh. 5 no. 1:177-186 '62.

"Structural mechanics for airplanes" by A. A. Umanskii. Reviewed by L. Izv. vys. ucheb. zav.; av. tekh. 5 no. 1:187-189 '62.

AIRPLANES—ELECTRIC EQUIPMENT

Designing main electric circuits of an airplane considering parallel performance of generators. M. V. Gutovskii. Trudy MAI no. 115:19-30 '62.

AIRPLANES—ENGINES—STARTING DEVICES

Calculating the frequency of discharges in electric ignition systems. M. V. Gutovskii, R. A. Popov. Trudy MAI no. 145:69-77 '62.

AIRPLANES—FUEL

Underground fuel tanks. Grazhd. av. 12 no. 11:37 N '55.

AIRPLANES—ICE PREVENTION

Datnov, A. G. [Icing of aircraft on the ground and for its prevention] Obledenenie samoletov na zemle i sposoby bor'by s nim. Moskva, Voenizdat, 1962. [MICROFILM]

AIRPLANES—MAINTENANCE AND REPAIR

Evaluation of stress concentrations in analyzing downs of parts. A. Zaitsev. Grazhd. av. 12 25-26 N '55.

AIRPLANES—RADIO EQUIPMENT

Kaganovich, N. A. [Radio equipment of airplane. Radiooborudovanie samoletov. Moskva, Oborongiz, 1962. 199 p.

AIRPLANES, PILOTLESS see Guided missiles

AIRSICKNESS

Airsickness. F. F. Chavpetsov. Med. sestra 2 30-34 S '62.

AKHALTSIKHE DEPRESSION—GEOLOGY

Outline of the geology of the Akhaltsikhe Depression. I. V. Kachatava. Trudy Geol. inst. AN Gruz. SSR ser. 12:103-136 '61.

AKHUNDOV, M. F. see Fath 'Ali, Akhund-zada, 1878

AKMOLINSK see Tselinograd

AKTYUBINSK—AGRICULTURAL MACHINERY INDUSTRY

Plant and the collective. S. Gal'. Kar. khoz. Kazakh. 20 no. 8:24-25 Ag '62.

AKTYUBINSK—AUTOMATION

Automation enters every workshop. N. Zaraiskii. Nar. khoz. Kazakh. 20 no. 8:18-21 Ag '62.

AKTYUBINSK—CHEMICAL PLANTS

Electric power economies at the Aktiubinsk plant. V. I. Borukii. Prom. energ. 17 no. 10:11-12 O '62.

AKTYUBINSK—CHROMIUM ALLOYS—TECHNOLOGICAL INNOVATIONS

Automation enters every workshop. N. Zaraiskii. Nar. khoz. Kazakh. 20 no. 8:18-21 Ag '62.

AKTYUBINSK—INDUSTRIAL MANAGEMENT

The economist's work does not tolerate procrastination. N. Frunkova. Nar. khoz. Kazakh. 20 no. 8:21-24 Ag '62.

AKTYUBINSK—IRON INDUSTRY—FINANCE

Our practice in introducing business accounting. V. Lotovskii. Nar. khoz. Kazakh. 20 no. 8:10-18 Ag '62.

AKTYUBINSK—X RAYS—EQUIPMENT AND SUPPLIES

The economist's work does not tolerate procrastination. N. Frunkova. Nar. khoz. Kazakh. 20 no. 8:21-24 Ag '62.

AKTYUZ REGION—FLOTATION

Kurmanaliev, T. I. [Flotation of lead in Aktyuz] Issledovaniia flotatsiia na Ak-Tiuze. Frunze, Izd-vo AN Kirgizskoi SSR, 1960. 41 p.

ALA-TAU, DZUNGARIAN see Dzungarian Ala-Tau

ALA-TAU, KUZNETSK see Kuznetsk Ala-Tau

ALA-TAU, TALAS see Talas Ala-Tau

ALA-TAU, TERSKEI see Terskei Ala-Tau

ALA-TAU, ZAILIYSKIY see Trans-Ili Ala-Tau

ALBANIA, CAUCASIAN—POTTERY

Decorative significance of the constructive elements of the artistic pottery of Caucasian Albania. N. I. Rzaev. Izv. AN Azerb. SSR, Ser. obshchestv. nauk, no. 11:75-80 '61.

ALCOHOL—THERAPEUTIC USE

"Neuralgia of the trigeminal nerve and its treatment by alcoholization" by G. A. Shtrambrand. Reviewed by G. D. Kolumov. Sbornik trudov gigiiena 11 no. 1:103-105 Jl-Ag '62.

ALCOHOLATES

Reactions of aromatic nitro compounds. Part 11. Isotopic method of studying addition products of alcoholates to trinitrobenzole. S. S. Gitis, I. P. Grigorov, A. I. Glaz. Zhur. ob. khim. 32 no. 9:2803-2805 S '62.

ALCOHOLISM

Compulsory treatment of alcoholics. IA. Kalashnik. Sov. iust. no. 19:18-19 O '62.

For the time being. V. A. Lomonosov-Benko. Zdorov'e 8 no. 9:18-19 S '62.

ALCOHOLS

Conference on Problems of the Manufacture of Higher Alcohols. S. M. Loktev. Mash.-zhir. prom. 28 no. 3:43 S '62.

Dyes with anthrapyrimidine rings. Part 8. Rate of condensation of dyestuff intermediates. O. I. Glinenko, Z. I. Kvitko, G. S. Idlis. Zhur. ob. khim. 32 no. 8:2641-2647 Ag '62.

Synthesis and properties of cyclohexene and cyclohexene

ALDEHYDES
Interaction of 1-anilino-3-buten-2-ol with aldehydes. K. D. Petrov, S. R. Tulinganov. Zhur. ob. khim. 32 no. 9: 2932-2935 S '62.

ALFALFA
(see also subdivision under Kopet-Dag)
Prevention of lucerne glycoside poisoning in swine. A. K. Golosnitskii. Trudy Rost. NIVS no. 12, 240-242 '60.

ALFALFA BREEDING see subdivision under Azerbaijan

ALFÖLD—AGRICULTURE, COOPERATIVE
Alföld is a rich land. A. Ilinov. Sov. profsoiuzy 18 no. 18: 41-42 S '62.

ALGAE
Effect of light and darkness on the chemical composition of the green alga Scenedesmus quadricauda. M. V. Pakhomova, G. P. Serenkov. Vest. Mosk. un., ser. 6: Biol., pochv. 17 no. 4: 44-47 Jl-Ag '62.
Topachevskii, A. V. [Problems of cytology, morphology, biology, and phylogeny of algae] Voprosy tsitologii, morfologii, biologii i filogenii vodoroslei. Kiev, Izd-vo AN USSR, 1962. 294 p.

ALGAE—CULTURES AND CULTURE MEDIA
Effect of hydrogen-ion concentration on the alga Dunaliella salina Teod. [with summary in English]. N. P. Masiuk, V. V. Ilnichenko. Ukr. bot. zhur. 19 no. 1: 91-95 '62.

ALGEBRA
Mishina, A. P., and I. V. Proskuriakov. [Higher algebra; linear algebra, polynomials, universal algebra] Vysshaia algebra; lineinaia algebra, mnogochleny, obshchaia algebra. Pod red. P. K. Rashevskogo. Moskva, Fizmatgiz, 1962. 299 p. (Spravochnaia matematicheskaia biblioteka)

ALGEBRA, UNIVERSAL
Axiomatized classes of certain types of locally free algebras. A. I. Mal'tsev. Sib. mat. zhur. 3 no. 5: 729-743 S-O '62.

ALGEBRA OF LOGIC see Logic, Symbolic and mathematical

ALGEBRAIC CURVES see Curves, Algebraic

ALGEBRAIC FIELDS see Fields, Algebraic

ALGERIA—ECONOMIC POLICY
The first steps of independent Algeria. V. Katin. Nov. vrem. 20 no. 44: 19-20 O '62.

ALGERIA—ELECTIONS
New stage in Algeria. Nov. vrem. 20 no. 40: 3-4 O '62.

ALGERIA—ETHNOLOGY
Algerians. I. A. Genin. Sov. etn. no. 4: 138-140 Jl-Ag '62.

ALIAGI see subdivision under Ashkhabad region

ALIAB'EV, ALEKSANDR ALEKSANDROVICH, 1787-1851
A. Aliab'ev. H. Zaharodni. Belarus' 19 no. 8: 29 Ag '62.

ALIMENTARY CANAL
Gastrointestinal tract. Zdorov'e 8 no. 9: 9 S '62.

ALIMENTARY CANAL—CANCER
Reasons for a late diagnosis of tumors of the gastrointestinal tract [with summary in English]. B. D. Kaufman. Trudy Inst. onk. AMN SSSR no. 4: 165-175 '62.

ALIMENTARY CANAL—SURGERY
edra fakul'tetskoi
cientific session of the
devoted to the surgical
od vessels and the
act] Materialy nauchnoi
urgii, posviashchennoi
olevanii krovenosnykh
kishechnogo trakta.

ober of cations in a
, Malkin, B. M. Mogutnov.
7-2278 '62.

idenum pentachloride -
ilPkova, A. I. Efimov.
2743 Ag '62.

im consisting of lithium,
. G. A. Bukhalova, A. S.
. 7 no. 9: 2230-2232 S

he systems NbOCl3 -
Shchukarev, E. K. Smir-
neorg. khim. 7 no. 9:

chlorides and bromides
G. Bergman. Zhur.
29 S '62.

ALKALIES
(see also subdivision under Sayan Mountains)
Role of alkalinity in the formation of charnokite gneisses. D. S. Korzhinskii. Trudy VSGI Ser. geol. no. 5: 50-61 '62.

ALKALINE EARTH HYDROXIDES
Dehalogenation of iodoxystearic acids by alkaline earth hydroxides. M. A. Panfilova. Zhur. ob. khim. 32 no. 9: 3044-3047 S '62.

ALKALINE EARTH OXIDE
Activation of alkaline earth oxides in a vacuum by passage of electric current. A. B. Kiselev, B. P. Nikonov. Radiotekh. i elektron. 7 no. 9: 1585-1592 S '62.

ALKALOIDS
Alkaloids of the Indefolia macrostyla plant. I. G. TSyrul'nikova, A. S. Labenskii, L. M. Utkin. Zhur. ob. khim. 32 no. 8: 2705-2709 Ag '62.

ALKENES see Olefins

ALKOXY GROUPS
Chemistry of unsaturated ethers. Part 13. Reaction of acetalization of 1, 1, 3-trialkoxyalkanes and the synthesis of 1-alkoxy-1, 3-dienes with heavy alkoxy groups. Ultraviolet spectra and Raman spectra of 1-alkoxy-1, 3-dienes. S. M. Makin and others. Zhur. ob. khim. 32 no. 8: 2527-2535 Ag '62.

ALKYL HALIDES
Derivatives of benzimidazole. Part 10. Interaction of 1-alkyl- and 1-benzyl-substituted 2-aminobenzimidazoles with alkyl halides. A. M. Simonov, Iu. M. Utilov. Zhur. ob. khim. 32 no. 8: 2670-2673 Ag '62.

ALKYLATION
Alkylation kinetics of 2-acetylmethylene-3-ethylbenzothiazoline (study of active seven-membered complexes). M. S. Kisteneva, I. A. K. Syrkin. Dokl. AN SSSR 146 no. 1: 100-101 S '62.
Thermodynamics of the decomposition reactions of polyethylbenzenes. A. E. Pinsker. Khim. prom. no. 7: 486-489 Jl '62.
Topchiev, A. V., S. V. Zavgorodnii, and V. G. Kriuchkova. [Alkylation of organic compounds by olefins] Reaktsiia alkilirovaniia organicheskikh soedinenii olefinami. Moskva, Izd-vo Akad. nauk SSSR, 1962. 323 p.

ALL-UNION COMMUNIST PARTY (BOLSHEVIK) see Communist Party of the Soviet Union

ALLERGY
Use of the intracutaneous allergic reaction in diagnosing echinococcosis. V. I. Zorikhina. Fel'd. i akush. 27 no. 7: 21-23 Jl '62.

ALLITERATION
On the sound of a word. F. M. Golovenchenko. Uch. zap. MGPI 160: 5-22 '61.

ALLIUM
Species of the genus Allium L. of the Ukraine, their occurrence and floristic relationships [with summary in English]. T. IA. Omel'chuk. Ukr. bot. zhur. 19 no. 4: 63-70 '62.

ALLOXAZINE
New method of synthesizing alloxazines. Condensation of aromatic o-diamines with violuric acid and its thio analogs. V. M. Berezovskii, G. D. Glebova. Dokl. AN SSSR 146 no. 2: 355-358 S '62.

ALLOYS
Magnetooptical resonance in ordered alloys and the intracrystalline field of a ferromagnetic metal [with summary in English]. G. S. Krinchik, R. D. Nuralieva. Zhur. eksp. i teor. fiz. 42 no. 6: 1442-1450 Je '62.

ALLOYS—METALLOGRAPHY
Certain peculiarities of the recrystallization of ordered alloys. A. A. Presniakov, I. I. Dautova. Fiz. met. i metalloved. 14 no. 3: 461-462 S '62.

ALLUVIAL LANDS
Shrag, V. I. [Classification of floodland soils and their brief characteristics from the viewpoint of agricultural land improvement] Klassifikatsiia poimennykh pochv i ikh kratkaia agromeliorativnaia kharakteristika. Moskva, Rosgiprovodkhoz Gosvodkhoza RSFSR, 1961. 105 p.
(DNAL)

ALMA-ATA—APARTMENT HOUSES
Design and construction of large-panel apartment houses. A. Naumov, V. Garvardt, Iu. Skrinskii. Zhil. stroi. no. 8: 9-11 '62.

ALMA-ATA—CITY PLANNING
The development of Alma-Ata and the construction of a new district of the city. N. Ripinskii, A. Sokolov. Zhil. stroi. no. 6: 6-8 '62.

ALMA-ATA—CONCRETE PLANTS
The housing construction combine mastered its planned capacity. V. Gritsai, V. Berkuta, G. Olitskii. Zhil. stroi. no. 8: 11-14 '62.

ALMA-ATA PROVINCE—ATHEISM
Individual approach to religious people. V. Cherniak, B. Pavlov. Part. zhizn' Kazakh. 12 no. 9: 63-66 S '62.

ALMA-ATA PROVINCE—CORN (MAIZE)—FERTILIZERS AND MANURES
Effect of the elements of mineral nutrition on the formation of leaf surfaces in corn under irrigation. P. M. Baranovskii, A. I. Siritsa. Vest. sel'khoz. nauki [Kazakh.] 5 no. 7: 26-31 Jl '62.

ALMA-ATA PROVINCE—CREDIT
Give more attention to maintaining credit. M. Ismailov, E. Vitovskaia. Den. i kred. 20 no. 8: 50-54 S '62.

ALMOND
New cases of dwarf almond poisoning in cattle. A. K. Golosnitskii. Trudy Rost. NIVS no. 12, 237-239 '60.

ALOPECIA see Baldness

ALPHA RAYS
Angular distribution of α-particles from the reaction $Li^7(p, \alpha)He^4$ [with summary in English]. A. M. Petrov. Zhur. eksp. i teor. fiz. 43 no. 1: 66-69 Jl '62.
Experimental estimation of the mean lifetime of alpha particles inside nuclei. Iu. I. Serebrennikov. Izv. vys. uch. zav.: fiz. no. 4: 151-153 '62.

ALPINE FLORA
Certain characteristics of the anatomic structure of the leaves of alpine rosette and cushion plants. I. N. Ivanskaia. Dokl. AN SSSR 146 no. 2: 467-470 S '62.

ALTAI MOUNTAINS—ARCHAEOCYATHIDAE
New Archaeocyatha from the Obruchev horizon in the Altai-Sayan area. P. S. Kranopeeva. Trudy SNIIGGIMS no. 15: 247-261 '61.
Tolliocyathus, a new genus of Archaeocyatha. S. V. Chernysheva. Trudy SNIIGGIMS no. 8: 77-78 '60.

ALTAI MOUNTAINS—AUTOPHYLLITES
New representative of the genus Autophyllites Grand-Eury in Upper Paleozoic sediments of the Rudnyy Altai and Karaganda Basin. S. V. Sukhov. Trudy SNIIGGIMS no. 8: 127-129 '60.

ALTAI MOUNTAINS—COPPER ORES
Metamorphism of enclosing rocks of the Verkhubinka skarn-copper deposit in the Rudnyy Altai. I. IA. Demidova, M. G. Khisamutdinov. Trudy VSEGEI 74: 131-140 '62.

ALTAI MOUNTAINS—GEOLOGY, STRATIGRAPHIC
Materials on the stratigraphy and facies of Devonian sediments in the Korgon structural-facies zone of the Altai. I. V. Popov. Trudy VSEGEI 74: 63-78 '62.

ALTAI MOUNTAINS—GEOLOGY, STRUCTURAL
Tectonic movements in the second part of the Early Carboniferous epoch in the southwestern part of the southern Altai. A. Kh. Kagarmanov. Trudy VSEGEI 74: 85-91 '62.

ALTAI MOUNTAINS—HELIOLITHIDAE
Karagemia, a new genus of Heliolitidae from the Ordovician in the Gornyy Altai. P. S. Dzuibo. Trudy SNIIGGIMS no. 8: 86-88 '60.

ALTAI MOUNTAINS—PALEOGEOGRAPHY—MAPS
Methods for compiling lithological and paleogeographical maps as revealed by the studies of the Devonian in the Altai-Sayan fold area. E. N. IAnov, N. N. Predtechenskii. Trudy VSEGEI 72: 26-45 '62.

ALTAI MOUNTAINS—POLYZOA, FOSSIL
Bryozoans of the Upper Ordovician in the Gornyy Altai. A. M. Ilroshinskaia. Trudy SNIIGGIMS no. 8: 84-85 '60.

ALTAI MOUNTAINS—PROSPECTING—GEOPHYSICAL METHODS
Developing an efficient over-all methodology of prospecting for complex ore deposits in areas having a very thick cover layer of unconsolidated sediments. D. A. Vigdorovich, R. R. Zivert, Iu. S. Ryss. Trudy VITR no. 5: 156-170 '62.
Geophysical methods in searching for deep-seated deposits in the Rudnyy Altai. Iu. S. Ryss. Trudy VITR no. 5: 73-99 '62.

ALTAI MOUNTAINS—SKARNS
Metamorphism of enclosing rocks of the Verkhubinka skarn-copper deposit in the Rudnyy Altai. I. IA. Demidova, M. G. Khisamutdinov. Trudy VSEGEI 74: 131-140 '62.

ALTAI MOUNTAINS—TRILOBITES
Some Ordovician and Silurian trilobites of the Gornyy Altai. V. S. Semenova. Trudy SNIIGGIMS no. 15: 237-245 '61.

ALTAI TERRITORY—AGRICULTURE
Scientist-innovator. P. Storozhilov. Vest. sel'khoz. nauki 7 no. 6: 154-156 Je '62.

ALTAI TERRITORY—BEANS
Over-all mechanization of growing and harvesting forage beans. P. I. Kustrov. Zemledelie 24 no. 8: 54-59 Ag '62.

ALTAI TERRITORY—BEANS—DRYING

Drying forage beans. P. N. Mokshin, N. F. Silichenko. Vest. sel'khoz. nauki 7 no. 8 34-42 Ag '62.

ALTAI TERRITORY—COWS—FEEDING AND FEEDS

Effect of corn-peas silage on the metabolism and milk productivity in cows [with summaries in English, German, and French]. Vest. sel'khoz. nauki 7 no. 6 114-120 Je '62.

ALTAI TERRITORY—FARM MECHANIZATION

Machinery industry workers of Altai Territory help agricultural workers. B. D. Semakhovich. Mashinostroitel' no. 9 6-7 S '62

ALTAI TERRITORY—HOSPITALS

Organization of patients' visits at the polyclinical section of the Altai Regional Hospital. G. I. Grossman, A. R. Linke. Zdrav. Ros. Feder. 6 no 7 19-22 Jl '62.

ALTAI TERRITORY—TICKS AS CARRIERS OF DISEASE

Preliminary data on the zoological and parasitological study of foci of tick-borne encephalitis in the Altai Territory [with summary in English] V. N. Nefedov, V. L. Burkovskii. Med. parazit. i parazit. bol. no. 3 338-341 '62

ALTYNSARIN, IBRAGIM, 1841-1889

Ibragim Altynsarin as ethnographer of the Kazakh people. E. A. Maganov. Trudy Inst. ist., arkheol. i etn. AN Kazakh. SSR 16:95-116 '62.

ALUMINOSILICATES

Crystallization of aluminosilicates in low-melting salts. Z. N. Zonn, I. S. Lanchevskaia. Zhur. neorg. khim. 7 no. 9:2211-2216 S '62

ALUMINUM

Diffusion of aluminum in liquid iron. P. M. Danilov. Izv. vyss. ucheb. zav., chern. met. 5 no. 8 18-20 '62

Effect of aluminum on the stability of the beta-phase in titanium-molybdenum-iron alloys. N. V. Ageev, L. P. Orankova, P. K. Novik. Dokl. AN SSSR 146 no. 2 351-354 S '62.

Silver plating of aluminum. V. I. Lainer, Iu. A. Velichko. Vest. mashinostr. 42 no. 9:45-48 S '62

Solubility of isobutylene in triisobutylaluminum. A. F. Popov, E. I. Larikov, T. N. Kolikovskaia. Khim. prom. no. 9:561-562 Ag '62

Use of aluminum in the manufacture of electric locomotives. N. P. Nikolaichik. Vest. elektroprom. 33 no. 10 38-40 O '62

ALUMINUM—FATIGUE

Thermal fatigue of aluminum. E. A. Mamontov. Izv. vys. uch. zav.; fiz. no. 4:154-157 '62.

ALUMINUM—WELDING

Structure of aluminum joints. D. M. Rabkin, A. V. Niktina. Avtom. svar. 15 no. 9:51-58 S '62.

ALUMINUM ALLOYS

Strength of materials of some pressed sections made of D1-T, D16-T and AMg-6 aluminum alloys. Iu. M. Nagevich. Trudy TsNIIS no. 46:104-118 '62.

Using aluminum alloys in the construction of agricultural machines [with summary in English]. G. G. Balovnev. Izv. TSKHA no. 2:140-144 '62.

ALUMINUM ALLOYS—WELDING

Effect of the composition of D20-type alloys on their properties and weldability. V. A. Kozlovskaia, O. V. Meshkova, A. G. Elkina. Avtom. svar. 15 no. 9:57-62 S '62.

ALUMINUM CHLORIDE

A new coagulant 2-5 aluminum hydroxychloride. V. A. Klimchko. Vod. i san. tekh. no. 7 13-16 Jl '62

ALUMINUM COMPOUNDS

Interaction of diethyl aluminum hydride with diethyl compounds of Zn, Hg, Cd, and Mg. L. I. Zakharkin, I. M. Khorlina. Zhur. ob. khim. 32 no. 9 2783-2786 S '62.

ALUMINUM-COPPER ALLOYS see Copper-aluminum alloys

ALUMINUM INDUSTRY see subdivision under Erivan, Kirovobad, Volgograd

ALUMINUM-MAGNESIUM ALLOYS—WELDING

Petrov, V. N. [Resistance welding of steel and aluminum-magnesium alloys] Elektrokontaktnaia svarka stalei i aliuminievo-magnievykh splavov. Leningrad, 1962, 22 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia: Svarka i paika metallov, no. 25)

ALUMINUM-NICKEL ALLOYS—MAGNETIC PROPERTIES

Mechanism of thermomagnetic treatment of highly coercive Alni and Alnico-type alloys. A. S. Ermolenko, IA. S. Shur. Fiz. met. i metalloved. 14 no. 3:348-357 S '62.

ALUMINUM-NICKEL-COBALT ALLOYS—MAGNETIC PROPERTIES

Connection between the crystal structure and magnetic properties of the Alnico alloy. IA. S. Shur, L. M. Magat, A. S. Ermolenko. Fiz. met. i metalloved. 14 no. 3:458-462 S '62.

AMATEUR MOTION PICTURES

Kuleshov, L. V. [First steps in producing amateur motion pictures. Work with the actor] Pervye kinoopyty. Rabota s akterom (knigi vtoraia i tretiia). Moskva, Iskusstvo, 1962. 111 p. (Biblioteka kinolubitelia)

AMATEUR RADIO STATIONS

Radio station. . . in a phonograph case. V. Kazantsev. Iun. nat. no. 8:27-28 Ag '62.

AMATEUR RADIO STATIONS—EQUIPMENT AND SUPPLIES

Sheiko, V. P. [Antennas for amateur radio transmitters] Antenny liubitel'skikh radiostantsii. Moskva, DOSAAF, 1962. 123 p.

AMATEUR THEATRICALS

(see also subdivision under Leningrad, Moscow, Sergach, Vyaz'ma)

Five theaters and many others also. I. Sidorina. Teatr 23 no. 8 169-173 Ag '62

From the editor's mailbox. Teatr 23 no. 8 183 Ag '62

We have been informed. Teatr 23 no. 8 183 Ag '62

AMBARY HEMP see subdivision under Yangi-Yul' region

AMEBIASIS

Chloroquine therapy of amebic abscess of the liver [with summary in English]. José G. Basnuevo, Federico Sotolongo. Med. parazit. i parazit. bol. no. 3:275-279 '62.

Effect of vitamin A deficiency in experimental amebiasis in white rats. V. B. Schensnovich. Med. parazit. i parazit. bol. no. 3 331-332 '62.

AMERICAN PERIODICALS

"Fortune", a periodical in the service of big business. IA. Viktorov. Mir. ekon. i mezhdunar. otn. no. 10:133-136 O '62.

AMIDES

Compounds with a potential antituberculai activity. Part 1. N-substituted thioamides of 4-oxazolecarboxylic acids. I. P. Sycheva, T. Kh. Trupp, M. N. Shchukina. Zhur. ob. khim. 32 no. 9 2882-2885 S '62.

Reactions of mono- and diamines with amide hydrochlorides. P. N. Zil'berman and others. Zhur. ob. khim. 32 no. 9:3039-3044 S '62.

AMINES

Effect of the combined protection of amine group in peptides on their properties. L. N. Akimova, L. O. Korsunskaia. Zhur. ob. khim. 32 no. 9 2809-2812 S '62.

N-ethylenimination of primary amines. R. G. Kostianovskii, G. A. Ilzhakova. Zhur. ob. khim. 32 no. 8:2743-2741 Ag '62.

New method of synthesizing alloxazines. Condensation of aromatic o-diamines with violuric acid and its thio analogs. V. M. Berezovskii, G. D. Glebova. Dokl. AN SSSR 146 no. 2 355-358 S '62.

Organic insecticides-fungicides. Part 67. Interaction of thio- and dithiophosphoric acid esters with higher aliphatic amines and fungicide and bactericide activity of reaction products. N. N. Melnikov and others. Zhur. ob. khim. 32 no. 9 2858-2863 S '62.

Reactions of mono- and diamines with amide hydrochlorides. P. N. Zil'berman and others. Zhur. ob. khim. 32 no. 9:3039-3044 S '62.

AMINO ACID METABOLISM

Change in the metabolism of amino and fatty acids in rheumatic lesions of the cardiovascular system [with summary in English]. IA. S. Leshchinskaia. Terap. arkha. no. 6:72-78 '62.

AMINO ACIDS

Amino acid composition of the total protein content of milk with a carbamide supplement in the rations of cows [with summary in English]. P. V. Kugenev, M. N. Medvedeva. Izv. TSKHA no. 3:96-103 '62.

Amino acid content of feeds [with summaries in English, German, and French]. I. A. Danilenko and others. Vest. sel'khoz. nauki 7 no. 8:72-77 Ag '62.

Methods for analyzing α-amino acids tagged with the carbon (C^{14}) isotope [with summary in English]. K. A. Kononova, I. A. Favorskaia. Vest. LGU 17 no. 16:135-141 '62.

AMINO ACIDS—THERAPEUTIC USE

Use of nitrogen-containing compounds in cosmetic preparations; review of literature. E. I. Drabkina, L. I. Volfenzon. Masl.-zhir. prom. 28 no. 9:26-27 S '62.

AMINO GROUP

New method of synthesizing pyrroles. Conversion of amines of the furan series to 2, 5-dialkylpyrroles. I. F. Bel'skii. Zhur. ob. khim. 32 no. 9:2905-2908 S '62.

AMMONIA

Demonstrating the effect of the process of circulation. A. D. Chendrov. Khim. v shkole 17 no. 5:70-72 S-O '62.

AMMONOIDEA see subdivision under Caucasus, Northern; West Siberian Plain

AMMONIUM CARBONATES

Effect of urea and ammonium bicarbonate on the productivity of cows. N. P. Filipovich. Trudy Rost. NIVS no. 1:107-109 '60.

AMMONIUM COMPOUNDS, SUBSTITUTED

Synthesis of diquaternary salts of N, N' derivatives of hexamethylenediamine. Part 3. Polarographic behavior of esters of hexamethylene-1, 6-bisdimethylaminoacetic acid. A. I. Lopushanskii. Zhur. ob. khim. 32 no. 9 3003-3006 S '62

AMNIOTIC FLUID

Nomenclature used for defining the time of loss of the amniotic fluid. R. I. Movshovich. Kaz. med. zhur. no. 3 35-36 My-Je '62

AMORTIZATION

On the form of average for determining the amortization time of capital assets. V. Anfimov. Vest. stat. no. 9 35-50 '62.

Redistribution of amortization deductions. K. Sukhova. Den. i kred. 20 no. 9:29-34 S '62.

AMPEROMETRIC ANALYSIS see Conductometric analysis

AMPHIBOLE see subdivision under Krivoy Rog Basin

AMPLIFIERS (ELECTRONICS)

An aperiodic nonlinear amplifier with a stable passband. G. M. Krylov. Radiotekhnika 17 no. 9:35-38 S '62.

Author's reply. M. K. Belkin. Izv. vys. ucheb. zav., radiotekh. 5 no. 3 414 My-Je '62

Concerning M. K. Belkin's article "Problem concerning the noise level in regeneration." V. P. Lesnauskis, K. M. Baublaukis. Izv. vys. ucheb. zav., radiotekh. 5 no. 4 412-413 My-Je '62

Evaluation of the area of practical use of matching in electron-tube and crystal amplifiers. N. V. Bobrov. Radiotekhnika 17 no. 9:49-59 S '62.

Problems concerning the design of FM galvanometer amplifiers. N. P. Volkov, P. I. Popov. Avtom. i telem., sbor. st. no. 2 11-18 '62

AMPLIFIERS, ELECTRON-TUBE

Andreev, Iu. A., and V. O. Kolak. [Double T-shaped bridges in selective amplifiers] Dvoinye T-obraznye mosty v izbiratel'nykh usilitelikh. Leningrad, Sudpromgiz, 1962. 103 p.

Design of a two-stage pulse amplifier with complex feedback. I. A. Dubrovskii. Izv. vys. ucheb. zav., radiotekh. 5 no. 3 381-387 My-Je '62

Design of buffer amplifiers using electron tubes. Iu. L. Mishin. Izv. vys. ucheb. zav., radiotekh. 5 no. 3 396-398 My-Je '62

AMU DARYA VALLEY

"The lower reaches of the Amu Darya, Sarykamysh and Uzboy, history of formation and settlement." Materials of the Khorezm Expedition. Reviewed by N. I. Lagonov. Izv. Vses. geog. ob-va 94 no. 4:353-354 Jl-Ag '62.

AMU DARYA VALLEY—RUSTS (FUNGI)

Smut and rust fungi of the Amu Darya Valley. O. Nasyrov. Izv. AN Turk. SSR, Ser. biol. nauk no. 4:21-30 '62.

AMU DARYA VALLEY—SMUTS

Smut and rust fungi of the Amu Darya Valley. O. Nasyrov. Izv. AN Turk. SSR, Ser. biol. nauk no. 4:24-30 '62.

AMUR PROVINCE—REVOLUTION, 1917-1921

Amurskaya oblast'. Upravlenie vnutrennikh del. Arkhivnyi otdel. [October on the Amur; collected documents, 1917-1922] Oktiabr' na Amure; sbornik dokumentov, 1917-1922. Blagoveshchensk, Amurskoe knizhnoe izd-vo, 1961. 456 p.

AMUSEMENTS

To the village with a show. I. Savostin. Sov. shakht. 11 no. 9:34-35 S '62.

AMYLASE

Detection of saliva in stains on soiled objects and in traces with an admixture of blood. L. O. Barsegiants. Sud.-med. ekspert. 5 no. 3:34-38 Jl-S '62.

Role of the amylolytic activity of pig saliva in the digestive process [with summaries in English, German, and French]. A. I. Arkhipovets. Vest. sel'khoz. nauki 7 no. 8:86-88 Ag '62.

AMYLOIDOSIS

Amyloidosis of the larynx in brucellosis. T. G. Lomakaia. Vest. otorin. no. 5:83-84 '62.

Pathogenesis of amyloidosis in tuberculous patients and diagnosis of its reversible forms. A. IA. TSigel'nik and others. Klin. med. no. 12:14-21 '61.

AMYOTROPHIC LATERAL SCLEROSIS

Pathological anatomy of amyotrophic lateral sclerosis [with summary in French]. Z. V. Znoiko. Och. klin. nevr. no. 1:58-60 '62.

ANABAPTISTS see subdivision under Netherlands; Thuringia

ANALEPTICS

Action of aminazine in combination with analeptics and morphine in an experiment. T. V. Raspopova. Kaz. med. zhur. no. 3:24-27 My-Je '62.

ANALOGY

Problems of grammatical analogy. A. M. Matvienko. Moskva, Moskovskoe, 1961. 35 p. 61.

ANALYSIS (MATHEMATICS) see Functions

ANALYTIC FUNCTIONS see Functions, Analytic

ANALYTICAL CHEMISTRY see Chemistry, Analytical

ANAPHYLAXIS

Case of severe anaphylactic reaction to the administration of bicillin-3. V. M. Bykhovskii. Klin. med. 40 no. 6:142-143 Je '62.

ANATOMY—BIBLIOGRAPHY see Bibliography—Anatomy

ANATOMY—STUDY AND TEACHING

Working with a textbook and distributed material in anatomy lessons. A. A. Iasonenkova. Fel'd i lukash. 27 no. 7:59-60 Jl '62.

ANATOMY, HUMAN

Sosedkov, V. T. [Topographic anatomy; for students and physicians] Topograficheskaia anatomiia, dlia studentov i vrachei. Tomsk, Izd-vo Tomskogo univ., 1962. 448 p.

ANDIZHAN—EFFICIENCY, INDUSTRIAL

Let's develop the movement for communist labor. N. Amanov. Part. zhizn' [Uzb.] 5 no. 9:10-14 S '62.

ANDROGENS

Effect of androgens and the elimination of pituitary gland function on the development of cancer of the uterus caused by dimethylbenzanthracene. L. I. Chaikvianí. Vop. onk. 8 no. 8:10-21 '62.

ANEMIA

Anemia in workers engaged in production of fatty acids and alcohols. I. B. Rubinkovich. Probl. gemat. i perel. krovi no. 6, 12-31 '62.

Cytopenia in a femal patient with chronic myeloid leukemia following myelosan therapy. R. A. Livshits. Klin. med. 40 no. 6:105-108 Je '62.

Treatment of some forms of anemia under polyclinical conditions. V. T. Morozova. Med. sestra 21 no. 8 39-42 Ag '62.

ANESTHESIA

Anesthesia methods in operations for diseases of the biliary tract. I. G. Turovets, O. M. Tolstova, L. S. Bogomolets. Klin. khir., no. 7:53-58 Jl '62.

Combined anesthesia in operations on the extremities. V. S. Balakina, N. I. Medvedeva, P. V. Gribennik. Trudy Len. gos. nauch.-issl. inst. travm. i ortop. no. 8:16-24 '61.

Comparative evaluation of anesthesia methods in surgical interventions on the extremities. I. A. Lyubchik. Trudy Len. gos. nauch.-issl. inst. travm. i ortop. no. 8:25-31 '61.

Evaluation of the condition of the patient, the type of anesthesia and surgical treatment in tumors and trauma of the brain on the basis of clinical and physiological indices. V. M. Ilgiunov. Vop. neirokhir., no. 1:17-21 '62.

How to conduct anesthesia in [cases of] burns. I. I. Goldzand, I. Ia. Lukash. Fel'd i akush. 27 no. 7:51-54 Jl '62.

Some physiological reactions to various types of anesthesia in operations on the extremities; preliminary report. E. V. Gribennik. Trudy Len. gos. nauch.-issl. inst. travm. i ortop. no. 8:32-41 '61.

ANESTHESIA, INTRATRACHEAL see Intratracheal anesthesia

ANESTHESIA IN VETERINARY SURGERY

Healing of wounds during the use of anesthetics. G. I. Rusinov. Vestnik sel'khoz. nauky 5 no. 8:118-119 Ag '62.

ANESTHESIOLOGY

Malzelt, A. B. [Choice of the anesthesia] Vybor obezbolivaniia. [Rostov-na-Donu] Izd-vo Rostovskogo univ., 1962. 183 p. (DNLM)

ANESTHESIOLOGY—APPARATUS AND INSTRUMENTS

Device for the anesthesia apparatus for removing expirated ether and gas vapors from the operating room. N. G. Gulkin. Klin. khir., no. 7:80 Jl '62.

Pneumatic tourniquet for conducting intraosseous anesthesia. V. N. Komarskii. Orthop., travm. i protez. 24 no. 6:58-59 Je '62.

Two-cuff pneumatic dosage tourniquet and its use in intraosseous anesthesia. I. T. Kovinskii. Ortkop., travm. i protez. 23 no. 6 59-60 Je '62.

ANESTHESIOLOGY—CONGRESSES

Problems of anesthesiology at the Second All-Union Conference of Surgeons, Traumatologists and Anesthesiologists; December 26-28, 1961 in Baku. F. N. Kuzantsev. Knz med. zhur. no. 3:94-95 My-Je '62.

Resolutions of the Second All-Union Conference of Surgeons, Traumatologists and Anesthesiologists, G. P. Zaitsev. Klin. khir., no. 7:87-91 Jl '62.

ANEURYSMS

Alloplasty in the treatment of traumatic aneurysms. G. L. Ratner. Ortkop., travm. i protez. 23 no. 6:36-39 Je '62.

Clinical and roentgenological diagnosis of arteriovenous aneurysms of the lung. L. A. Zhukhina. Klin. med. no. 12:103-107 '61.

ANGARA VALLEY—STONE AGE

The new Paleolithic site of Krasnyy Yar in the Angara Valley. Z. A. Abramova. Sov. arkheol. 6 no. 3:117-156 '62.

ANGIOGRAPHY

Gal'perin, M. D. [Angiography in the diagnosis of tumors and vascular diseases of the brain] Angiografiia v diagnostike opukholei i sosudistykh zabolevanii golovnogo mozga. Leningrad, Medgiz, 1962. 190 p. (DNLM)

ANGIOMA

Morphology of the vessels of skin hemangiomas in children in connection with the problem of the tissue nature of vascular epithelium [with summary in English] N. G. Khlopin, N. I. Kamenskaia. Arkh. anat., gist. i embr. 43 no. 4:68-74 Jl '62.

ANGOLA—POLITICS AND GOVERNMENT

Let's give full support to the people of Angola in their struggle for freedom! Mol. rabochi no. 7:? '61.

ANGREN VALLEY—ORE DEPOSITS

Stages in the mineral formation and special features of paragenetic associations in the mineralized zone of the Kumbel' fault in the Angren-Chirchik interfluve. R. A. Sadykov. Uzb. geol. zhur. 6 no. 1:22-29 '62.

ANGULAR MOMENTUM (NUCLEAR PHYSICS)

Collective excitations in pairing in the case of nonzero angular momentum [with summary in English]. V. G. Vaks, V. M. Galitskii, A. I. Larkin. Zhur. eksp. i teor. fiz. 41 no. 5:1610-1625 My '62.

ANHYDRIDES

Perchloric acid and its compounds as catalysts of organic synthesis. Part 7. Acylation of anisole, phenetole, and thiophene by carboxyl chlorides in the presence of magnesium perchlorate (anhydrone). G. N. Dorofeenko, V. I. Dulenko, V. V. Bacva. Zhur. ob. khim. 32 no. 9:3054-3054 S '62.

ANIKUSHIN, MIKHAIL KONSTANTINOVICH, 1917-

Pribul'skaia, G. I. Anikushin, Leningrad, Iskusstvo, 1961. 34 p. 23 plates. (MIL)

ANILINE

Formation of benzene in the reaction of N, N-dimethylaniline with 1, 3-dibromocyclohexane. V. A. Cherkasova. Zhur. ob. khim. 32 no. 9:2792 S '62.

Hydrogen bond and physical properties of nitroanilines. Part 2. Static dielectric constant. A. P. Lutskii, S. A. Mikhailenko. Zhur. ob. khim. 32 no. 9:3054-3057 S '62.

Nonaqueous solutions. Part 15: Study of the differentiating properties of organic solvents with respect to bases. A. P. Krasnoshchev, I. N. Bykova, N. Sh. Shemet. Zhur. ob. khim. 32 no. 8,2:2497-2507 Ag '62.

Order of addition of aniline to divinyl oxide. K. D. Petrov, S. R. Tullaganov. Zhur. ob. khim. 32 no. 9, 2939-2941 S '62.

ANIMAL INTRODUCTION

Acclimatization of the Pacific shrimp in the Black Sea. D. IA. Mikhaev. Ryb. khoz. 38 no. 8:20-22 '62.

ANIMAL MECHANICS

Naturals engineering arts. V. Dolgovich, U. Vende, I. Vilfland. Tekh. mol. 30 no. 9:37-38 '62.

ANIMAL POPULATIONS

Some general characteristics of the dynamics of animal populations [with summary in English]. N. P. Naumov, O. V. Nikol'skii. Zool. zhur. 41 no. 8:1132-1141 Ag '62.

ANIMAL WORSHIP

. . . They worshiped animals. Nauka i rel. no. 8:85 S '62.

ANIMALS, HABITS AND BEHAVIOR OF

Use of artificial bird nests by the yellow-throated mouse Apodemus flavicollis in the southern part of Moscow Province [with summary in English]. G. N. Likhachev. Zool. zhur. 41 no. 8:1270-1271 Ag '62.

ANIMALS, MYTHICAL

Griffin in Vladimir-Suzdal facade sculpture. G. K. Vagner. Sov. arkheol. 6 no. 3:78-90 '62.

ANIS'KO, VLADIMIR

Vladimir Anis'ko. F. Zorina. Teatr 23 no. 8:159 Ag '62.

ANISOLE

Reactions of aromatic nitro compounds. Part 13. Isotopic method of studying addition products of alcoholates to trinitroanisole. S. S. Gitis, I. P. Grigorov, A. I. Glaz. Zhur. ob. khim. 32 no. 9:2803-2805 S '62.

ANKYLOSTOMIASIS see Hookworm disease

ANNEALING OF METALS

Formation of a cubic texture in transformer steel. I. K. Kopylova, M. V. Lisako, L. V. Mikhnov. Fiz. met. i metalloved. 14 no. 3:464-465 S '62.

Rapid annealing of wire made of 08 steel (rimmed). K. F. Stanodubov, K. V. Babich. Trudy Inst. chern. met. AN URSR 18:86-91 '62.

ANNIVERSARIES

Calendar of noteworthy dates. Geog. v shkole 25 no. 5:87 S-O '62.

Historical dates. Nar. obr. no. 6:94-95 Je '62.

Historical dates. Nar. obr. no. 9:94-95 S '62.

Noteworthy dates. Nar. obr. no. 8:126-127 Ag '62.

Noteworthy dates. Nar. obr. no. 10:126-127 O '62.

ANOREXIA NERVOSA

Anorexia nervosa (mentalis), the development of the concept and the current status of the problem. N. N. Azerkovich. Zhur. nevr. i psikh. 62 no. 7:1105-1109 '62.

ANORTHOSITE

(see also subdivision under Dag Valley)

Use of anorthosite in the production of porcelain for use in high-voltage installations. G. N. Maslennikova. Stek. i ker. 18 no. 8:24-27 Ag '62.

ANOXEMIA

"Oxygen insufficiency in hypertension" by N. S. Zamozdra. Reviewed by M. S. Shneider. Knz. med. zhur. no. 3, 90-91 My-Je '62.

Role of "natural" hypothermia in anoxia and the effect of low environmental temperature on its course. L. V. Gubler. Uzb. biol. zhur. 5 no. 3:30-32 My-Je '62.

ANTAE (SLAVIC PEOPLE)

Interpretation of Pseudo-Mauricius' information on the Antae. D. I. Blifeld. Arkheologiia 14 184-190 '62.

ANTARCTIC REGIONS

At the Pole of cold. V. S. Ignatov. Priroda 51 no. 9 74-76 S '62.

ANTARCTIC REGIONS—AERONAUTICS, COMMERCIAL

Toward the shores of Antarctica. Grazhd. av. 12 no. 11: 32-33 N '55.

ANTARCTIC REGIONS—CLIMATE

Ice continent. V. G. Averianov. Priroda 51 no. 9:66-73 S '62.

ANTARCTIC REGIONS—GEOLOGY

Geology of the Antarctic. M. G. Ravich. Priroda 51 no. 9:58-65 S '62.

ANTARCTIC REGIONS—GEOPHYSICAL RESEARCH

Sovetskaia antarkticheskaia ekspeditsiia, 1955- [Transactions of the Soviet Antarctic Expedition] Trudy. Ingrad, Izd-vo "Morskoi transport."

Vol. 10. [Third Continental Expedition, 1957-1959; general description and scientific results] Tret'ia kontinental'naia ekspeditsiia, 1957-1959 gg; obshchee opisanie i nauchnye rezul'taty. Pod red. M. E. Ostrekina i E. I. Tolstikova. 1962. 327 p.

ANTARCTIC REGIONS—ICE

Ice continent. V. G. Averianov. Priroda 51 no. 9:66-73 S '62.

ANTARCTIC REGIONS—NAVIGATION

Voyage of the motorship "Mikhail Kalinin" to the Antarctica. V. I. Faktorovich. Rhul. Upr. (Glav. rev. po bezop. moreplav. no. 13:30-38 '59.

ANTARCTIC REGIONS—PRECIPITATION (METEOROLOGY)

Dynamics of the chemical composition of atmospheric precipitation in the region of the Pravda Coast (Antarctica). A. A. Matveev. Dokl. AN SSSR 146 no. 2, 450-452 S '62.

ANTARCTIC REGIONS—RUSSIAN EXPLORATION

Polozov, V. V. [Across two oceans] Cherez dva okeana. [Kaliningrad] Kaliningrskoe knizhnoe izd-vo, 1960. 62 p.

ANTENNAS (ELECTRONICS)

Alzenberg, G. Z. [Shortwave antennas] Korotkovolnovye antenny. Moskva, Sviaz'izdat, 1962. 614 p.

Concerning A. Z. Fradin's article "Square pyramidical horn antenna with equal directivity patterns in the E and H planes." D. Andreev, A. Pokras. Elektrosviaz' 16 no. 8:71 Ag '62.

Determination of the mutual impedance of two antennas using known radiation patterns in a long-distance zone. O. G. Vendik. Radiotekhnika 17 no. 10:11-20 O '62.

A double-level cophased shortwave antenna array with an aperiodic reflector. L. K. Oliffa, K. A. Taranova. Radiotekhnika 17 no. 9:7-14 S '62.

Experimental study of surface wave antennas with radiation field resulting from the transverse curvature of directing wave guides. V. G. Voronaeva. Izv. vys. ucheb. zav., radiotekh. 5 no. 3:314-320 My-Je '62.

ANTHELMINTICS

Use of dithrazine against dictyocaulosis in sheep. S. A. Akhnov, E. E. Krivoshta, G. S. Khrapov. Trudy Rost. NIVS no. 12:272-273 '60.

ANTHELMINTICS (Continued)

Vermifugal treatment of sheep with intestinal cestodiasis by feeding them a mixture of salt with copper sulfate B Shonov Vest sel'khoz nauki [Kazakh] 5 no. 7,68-73 Jl '62

ANTHOCYANIN

Anthocyanin color as a character in breeding for fast growth and early ripening [with summary in English]. N.A. Maisuran, A.I Tiutiunnikov. Izv.TSKHA no.3: 58-65 '62.

Effect of light on the formation and composition of anthocyanins in potato tubers during vernalization. S. A Stanko. Dokl. AN SSSR 146 no 2 480-483 S '62

ANTHRACENE CRYSTALS

Effect of reabsorption on the law of damping of the luminescence of anthracene crystals. M.D.Galanin, IU.V. Konobeev, Z.A.Chizhikova Opt.i spektr. 13 no.3: 386-389 S '62.

ANTHROPOLOGY see subdivision under Ukraine

ANTIAIRCRAFT ARTILLERY

Self-propelled artillery. Voen.znan. 38 no.9:25 S '62.

ANTIBIOTICS

Akademiia meditsinskikh nauk SSSR, Moscow. [Aurantin, an antineoplastic antibiotic preparation from the actinomycin group; experimental study and the results of a clinical test] Aurantin-protivoopukholevyi antibioticheskii preparat iz gruppy aktinomitsinov; eksperimental'noe izuchenie i rezul'taty klinicheskogo ispytaniia. Moskva, Medgiz, 1962. 279 p. (DNLM)

Antibiotics in pediatrics (dysentery, coli-enteritis, pneumonia). R Z Sherman, O I Sheviakova, S D Talalinova Antibiotiki 7 no 8 749-757 Ag '62

Basic principles of grouping actinomycetes producing antibiotics [with summary in English]. N.A.Krasil'nikov. Izv.AN SSSR.Ser.biol. 27 no.4 576-591 Jl-Ag '62.

Basic trends in automation in the production of antibiotics. S.V.Trachuk, S.G.Chekaida. Med.prom. 16 no.5 11-15 My '62.

"Chemistry of antibiotics" by M M. Shemiakin and others Vols. 1 and 2 Reviewed by D M. Trakhtenberg Antibiotiki no 7 no.8 765-766 Ag '62

Comparative study by the method of counterflow distribution of the composition of the antibiotic violarin "A" from the Actinomyces strains No 452-7 and 12-12 [with summary in English] V.M Botkina, L V Bilova, D.M Trakhtenberg. Antibiotiki 7 no 8 698-702 Ag '62

Deep fermentation of actinolidin under conditions of an experimental unit [with summary in English] G V Gavrilina Antibiotiki 7 no 8:693-698 Ag '62

Demineralization of antibiotic solutions of the basic type by means of sulfocationites [with summary in English] G P. Shpota, M.A Bogatskii, V.M Vishnevskii Antibiotiki 7 no 8 711-718 Ag '62.

Derkach, V.N. [Mechanism of the action of antibiotics] O mekhanizme deistvila antibiotikov. Kishinev, Kartia moldovenlaske, 1962. 116 p. (DNLM)

Fermentation apparatus for the manufacture of feed antibiotics. P.M.Lisegor, A.U.Mamunia. Khar. prom. no.2 49-51 Ap-Je '62.

Hollow nonpolarizing electrode. T.A. Revenko. Vop. kur., fizioter. i lech. fiz. kult. 27 no.3:259 My-Je '62.

Identity of hellomycin and resistomycin [with summary in English]. N.O Blinov and others Antibiotiki 7 no 6.708-713 Ag '62

Induced mutagenesis in the selection of micro-organisms [with summary in English]. S.I.Alikhanian. Izv.AN SSSR.Ser.biol. 27 no.4:544-575 Jl-Ag '62.

Isolation of antibiotics from culture liquids without detachment of the mycelium. I.D Boiko and others. Med prom 16 no.7.18-25 Jl '62.

Late results of Widal's reaction in those recovering from typhoid and paratyphoid diseases following treatment with antibiotics [with summary in English]. IU M Mikhailova, R D Bublikova Antibiotiki 7 no.8:761-764 Ag '62.

Make fuller use of reserves in the antibiotic industry S I Maimind. Med.prom 16 no 7:3-6 Jl '62.

Method for the endobronchial administration of antibiotics. G.S.Burov. Vest.otorin. no.5:42-43 '62.

Method for the primary selection of antibiotics produced by mold fungi [with summary in English]. I.I Sidorova. Antibiotiki 7 no 8:679-685 Ag '62

Methods for intensifying the production of antibiotics. I.D. Boiko. Med.prom. 16 no.5:15-21 My '62.

New antibiotic monomycin. L E. Goldberg Med. prom. 16 no.7 55-56 Jl '62.

New antibiotics T A. Uspenskaia Med. prom. 16 no.7 6-9 Jl '62.

New preparations and medicinal forms of antibiotics. E. N. Lazareva. Med prom 16 no 7 14-16 Jl '62.

Numerical equivalent of turbidity for suspensions of cells of yeast test cultures used for determining the activity of antibiotics [with summary in English]. B. A. Fikhman, V. L. Shirineva. Antibiotiki 7 no. 8 742-744 Ag '62.

Radiation sterilization of antibiotic preparations Report No 6 Radiation sterilization of antibiotic ointments and ointment bases V I Pochapinskii Med prom. 16 no 7-34-39 Jl '62

Sensitivity to antibiotics of the microflora from patients in Barnaul with suppurative and inflammatory processes [with summary in English] A F Redko Antibiotiki 7 no 8 733-735 Ag '62

Side effects of antibiotics following their use. S. N Genyk Med. sestra 21 no.8 11-17 Ag '62.

Systematic position of some actinomycetes producing heptaene antibiotics [with summary in English] V D Kuznetsov Antibiotiki 7 no 8 675-679 Ag '62

Use of the antibiotic aurantin in malignant neoplastic processes. L. M. Nisnevich, S S. Akopiants Klin. med 40 no.6:21-25 Je '62.

Use of the antibiotic, monomycin in suppurative pulmonary and pleural diseases [with summary in English]. N I. Gerasimenko, A P. Kuz'michev, M V. Petrosian Antibiotiki 7 no 8:757-761 Ag '62.

ANTICOAGULANTS (MEDICINE)

Treatment of hemorrhagic complications caused by anticoagulants. I. V Mokhina. Klin. med. 40 no. 6:134-137 Je '62.

ANTI-COMMUNIST MOVEMENTS see subdivision under United States

ANTIGENS AND ANTIBODIES

Group specific agglutinable properties of erythrocytes in the process of ontogenesis. I. N. Mironyeva. Probl. gemat. i perel. krovi no. 6:21-24 '62

Hematological changes in rabbits during their immunization with Multiceps antigens. T V. Ivanova Trudy Rost. NIVS no. 12:262-265 '60

Transovarian transmission of tick-borne encephalitis virus antibodies in the fieldfare (Turdus pilaris L.) [with summary in English] D. K. Lvov, R. L. Naumov. Med. parazit. i parazit. bol. no. 3 335-338 '62

ANTIGENS AND ANTIBODIES—ANALYSIS

Special chamber for carrying out the precipitation in gel reaction. I. A. Balakhnin Sud.-med ekspert 5 no 3: 53-54 Jl-S '62.

ANTIHISTAMINES

Dynamics and energy of the heart following the use of neuroplegic and antihistaminic preparations, report No. 1 [with summary in English]. G. IA. Gebel'. Kardiologiia 2 no. 4 18-27 Jl-Ag '62

ANTIHYALURONIDASE

Standard for streptococcal antihyaluronidase. I. D. Loran, O. P. Galachiants. Lab. delo 8 no. 8:47-49 Ag '62.

ANTIMONIC ACID

Pentaerythritol esters of antimonous acid (Il'ia Kamai, E. T Mukmenev. Zhur. ob khim. 32 no. 9 2815-2818 S '62

ANTIMONY see subdivision under Fergana

ANTIMONY SELENIDE

Effect of antimony selenide and telluride on the absorption and photoconductivity of amorphous selenium films [with summary in English] G. A. Andreeva Vest. LGU 17 no. 16, 145-147 '62.

ANTIMONY TELLURIDE

Effect of antimony selenide and telluride on the absorption and photoconductivity of amorphous selenium films [with summary in English]. G. A. Andreeva. Vest. LGU 17 no. 16 145-147 '62.

ANTIOCH—ORTHODOX EASTERN CHURCH—PERIODICALS

"An-Nomai" ("Blagodat"), journal of the Orthodox Church of Antioch, nos. 18, 19. Reviewed by P. Petros. Zhur Mosk. Patr. no. 8:78-79 Ag '62.

ANTIPYRINE

Dyes with antipyrine rings. Part 8: Rate of conversion of dyes to carbinol compounds O. Y. Ginzburg, E. I. Kvint, G. S. Idlis. Zhur. ob. khim 32 no. 8:2633-2637 Ag '62.

ANTIQUITIES see Archaeology; also subdivision 'Antiquities' under Armenia; Azov Sea region, Beloye Lake region, Vologda Province, Chechen-Ingush A. S. S. R., Germany; Iriysh Valley; Kolomna; Moldavia; Tedzhen Valley; Transbaikalia; Turkmenistan; Yaroslavl

ANTIRETICULAR CYTOTOXIC SERUM

Test of ACS as a biological stimulator. V. h. Parakin. Trudy Rost. NIVS no. 12; 201-207 '60.

Using the ACS biogenic stimulator together with traces elements (cobalt and iodine) for eliminating sterility in cows. V S. Kozlov, F. M Zakharov, E IA. Gebgard. Vest sel'khoz nauki [Kazakh.] 5 no. 7;89-91 Jl '62.

ANTISPASMODICS

Treatment of peptic ulcer with methyldiazil. V. S. Zalmanenok. Terap. arkh. no. 6;39-41 '62.

ANTISTREPTOLYSINS

Standard for antistreptolysin O. I. D. Loran, O. P. Galachiants. Lab. delo 8 no. 8 43-47 Ag '62.

ANTS see subdivision under Volgograd Province

ANZHERO-SUDZHENSK DISTRICT—TICKS AS CARRIERS OF DISEASE

Use of a fine chemical spray from an airplane in controlling tick-borne encephalitis carriers in the Anzhero-Sudzhensk District in 1957-1959 [with summary in English]. M. A. Gurtubkin and others. Med parazit. i parazit.bol no 3 347-351 '62

AORTA

Aortic and arterial changes in the early stages of atherosclerosis. V. Kh. Anestiadi. Arkh pat no. 7 26-29 '62.

Glycogen content in the aorta in atherosclerosis. S. S. Kasabian. Arkh.pat. no. 7 30-34 '62

Luminescent microscopic characteristics of the aorta and arteries in the early stages of atherosclerosis. V. Kh. Anestiadi. Zdravookhranenie 5 no. 1 32-35 Jl-Ag '62.

AORTA—SYPHILIS

Urea in composition of andlipoproteins in the blood serum in syphilitic aortitis. N. N. Mudlevskaia, M. P. Tikhonova. Vest. derm. i ven. no. 8 65-70 '62.

AORTIC ANEURYSMS

Rare case of prolonged pulmonary hemorrhage from an atherosclerotic aneurysm of the thoracic aorta S. S. Kruglova, O. V. Sgibneva. Klin. med. no. 12 110-111 '61.

APARTMENT HOUSES

(see also subdivision under Alma-Ata; Kazakhstan; Prague, Ukraine, Ural Mountain region, Ust'-Kamenogorsk; Vladivostok)

Akademiia stroitel'stva i arkhitektury SSSR. Institut organizatsii, mekhanizatsii i tekhnicheskoi pomoshchi stroitel'stvu. [Assembly of large-block houses] Montazh krupnoblochnykh domov. Izd.2., ispr. i perer. Moskva, Gosstroiizdat, 1961. 214 p

Completely prefabricated buildings with improved layout of apartments. Z. Rozenfel'd. Stroi. i arkhit Monit. 8 no. 9;3-7 S '62.

Constructing a building with large keramzit concrete slabs. A. Romashko, G. Garkavenko. Stroi. i arkhit. Mosk. 12 no. 9;26-27 S '62.

Improve the microclimate of apartments. L. Arlevich, K. Pravoverov, I. Polotskii. Zhil. stroi. no. 7:3 '62

Improve the quality of buildings made of vibrated brick panels. V. Kuralov. Zhil. stroi. no. 3 31 '62.

Large panel apartment houses in areas under development. O. Petrov. Zhil. stroi. no. 3:2 '62.

Multistory single-section buildings. IA. Konnov. Zhil. stroi. no. 4 13-14 '62.

New versions of the standard plans for apartment houses of the series 1-335 A Shatov, B Danykin Arkhit SSSR no. 8;11-23 '62

Operational conditions of large-panel apartment houses and the heat-engineering qualities of their external walls. B. F. Vasil'ev. Issl. po rabotam, tsement i beton. i po stroi. fiz. no. 5;134-154 '62.

Problems in the methodology of planning apartment sections. M. S. Kantsenson. Stroi. i arkhit. Len. 24 no. 7; 31-37 Jl '62.

Shit'ko, A. I. [New developments in the finishing of large-panel houses] Novoe v otdelke krupnopanel'nykh domov. [Moskva] Mosk. rabochii, 1962. 61 p. (Stroiteli kommunisticheskogo obyzom)

Standard plans for large-panel apartment houses of the series 1-464A N. Rozanov. Arkhit SSSR no. 6;5-13 '62

Technical and economic characteristics of the principal types of apartment houses. L. Gel'berg, G. Fedorov. Zhil. stroi. no. 3;14-15 '62.

Zelen'kov, F. D. [House on an earthquake shock absorber] Dom na seismoamortizatore. Ashkhabad, Turkmenskoe gos. izd-vo, 1961. 50 p. illus. diagrs. [MICROFILM]

APARTMENT HOUSES—COST OF CONSTRUCTION

Ability to improve the planning of apartments and to reduce the cost of construction. A. K. Alekseevskii. Stroi. i arkhit. Len. 24 no. 7;31-34 Jl '62.

APARTMENT HOUSES—MAINTENANCE AND REPAIR see subdivision under Leningrad

APATITE see subdivision under Kazakhstan; Razvumchorr

APOLLONIA—SCULPTURE, GREEK

A marble head from Apollonia. L. F. Kruglikova. Sov. arkheol. 6 no. 3 215-224 '62.

APPENDICITIS

Intestinal obstruction following inflammation of the vermiform process. N. S. Futornyi. Klin. khir. no. 7; 47-50 Jl '62.

APPLE

Agroclimatic basis for raising creeping orchards in Siberia and the Virgin Territory. Trudy TSIP no. 101; 26-52 '62.

July apples. E. S Chernenko. Priroda 51 no. 7;126-127 Jl '62.

APPLE—VARIETIES see subdivision under Soviet Central Asia

APRICOT see subdivision under Ararat region

APPROXIMATE COMPUTATION

Iterative method for the solution of a general problem of linear programming. V. A. Bulavskii. Sib. mat. zhur. 3 no. 3 313-332 My-Je '62.

New approaches to computation methods and observation data processing. L. V. Kantorovich. Sib. mat. zhur. 3 no. 5:701-709 S-O '62.

Polynominls of best approximation and some of their uses. I. I. Eterman. Izv. vys. ucheb. zav., mat. no. 3 189-194 '62.

Solving geophysical and geodetic problems by the polynomial approximation method. V. A. Kazinskii. Izv. vys. ucheb. zav., geod. i aerof. no. 2:99-111 '62.

Some semiinverse methods in the theory of the motion of ground water. V. I. Men'shikova. Izv. vys. ucheb. zav., mat. no. 5:47-58 '62.

Stability at first approximation. G. T. Uzakov. Izv. AN Kazakh. SSR Ser. mat. i mekh. no. 10:79-85 '62.

APSHERON PENINSULA—FORAGE PLANTS

Effect of different times and types of sowing on the water balance and yield of forage plants in dry farming [in Azerbaijani with summary in Russian]. A. M. Mamedov. Izv. AN Azerb. SSR. Ser. biol. i med. nauk no. 3:13-19 '62.

APSHERON PENINSULA—GEOLOGY, STRATIGRAPHIC

Correlating cross sections of the producing formation in the Apsheron Peninsula and southeastern Kobystan. G. A. Akhmedov and others. Uch. zap. AGU. Geol.-geog. ser. no. 1 81-88 '60

APSHERON PENINSULA—LICORICE

Fruit bearing and seed germination under laboratory conditions in wild licorice (Glycyrrhiza glabra L.) from the Apsheron Peninsula [in Azerbaijani with summary in Russian]. S. M. Museeva. Izv. AN Azerb. SSR. Ser. biol. i med. nauk no. 5:23-27 '62.

APSHERON PENINSULA—VETCH—VARIETIES

Effect of cultivation conditions on the biological and economic characteristics of different varieties of vetch. A. B. Bakhramov. Izv. AN Azerb. SSR. Ser. biol. i med. nauk no. 3:21-30 '62.

AQUARIUMS see subdivision under Vancouver

AQUEDUCTS

Use of glass pipe for the construction of underground pipelines. M. S. Krasnitskii. Strel. truboprov. 7 no. 8: 30 Ag '62.

ARAB AMIRATES OF THE SOUTH

A false union. A. Shvakov. Az. i Afr. segodnia no. 9:58-59 S '62.

Republican Yemen and its enemies. D. Volskii. Nov. vrem. 20 no. 43:18-21 O '62.

Storm in Aden. D. Volsky. Nov. vrem. 20 no. 41:22-23 O '62.

ARABIA, SOUTHERN—PETROLEUM INDUSTRY

Oil monopolies in the Persian Gulf colonies. Iu. Andreianov. Mezhdunar. zhizn' 9 no. 10:99-102 O '62.

ARACHNODACTYLY

Cardiovascular disorders in Marfan's disease [i.e., syndrome]. A. R. Plosetskaia, Iu. P. Likhachev. Terap. arkh. no. 6:108-111 '62.

ARAGON, LUIS, 1897-

Lebakh, A. A. [Louis Aragon; his life and works] Lui Aragon, zhizn' i tvorchestvo. Moskva, Sovetskii pisatel' 1962. 324 p.

'S DEVELOPMENT

mat. no. 6:8-10 Ag '62.

Shortening the duration of the formation of apricot and peach seedlings [in Armenian with summary in Russian]. A. K. Narofian. Izv. Upr. sel'khoz. nauki Arm. SSR 5 no. 6:47-52 '62.

ARARAT REGION—CORN (MAIZE)

Results of research on the effect of simazine and atrazine on corn plantings [in Armenian with summary in Russian]. K. G. Parsmian. Izv. Upr. sel'khoz. nauki Arm. SSR 5 no. 6:53-57 '62.

ARARAT REGION—PEACH

Shortening the duration of the formation of apricot and peach seedlings [in Armenian with summary in Russian]. A. K. Narofian. Izv. Upr. sel'khoz. nauki Arm. SSR 5 no. 6:47-52 '62.

ARAS VALLEY—COTTON—FERTILIZERS AND MANURES

Effect of different amounts and the time of application of mineral fertilizers on the cotton yield in some soils in the Aras foothill plain [in Azerbaijani with summary in English]. F. G. Akhundov. Izv. AN Azerb. SSR. Ser. biol. i med. nauk no. 3:93-97 '62.

ARBITRATION AND AWARD

Decisions of arbitration agencies. Sov. iust. no. 16:32 S '62.

Decisions of arbitration agencies. Sov. iust. no. 19-32 O '62.

Thirtieth anniversary of the Foreign Trade Arbitration Commission. D. Genkin. Vneshn. torg. 42 no. 8 13-15 '62.

ARBUZOV, ALEKSANDR ERMINGEL'DOVICH, 1877-

Senior of Soviet chemists; 85th birthday of Academician A. E. Arbuzov. K. M. Anisimova. Priroda 51 no. 9: 102-104 S '62.

ARBUZOV REARRANGEMENT see Rearrangements (Chemistry)

ARC, ELECTRIC see Electric arc

ARCHAEOCYATHIDAE see subdivision under Altai Mountains; Sayan Mountains, Tuva A. S. S. R.

ARCHAEOCYATHIDAE—TERMINOLOGY

Morphologic terminology of Archaeocyatha. A. N. Vlasov. Paleont. zhur. no. 3 3-9 '62.

ARCHAEOLOGICAL MUSEUMS AND COLLECTIONS see subdivision under Khvalynsk

ARCHAEOLOGICAL SURVEYING see subdivision under Olbia (Borysthenes)

ARCHAEOLOGY see subdivision under Africa; Azerbaijan; Murgab Valley, Ukraine; also subdivision 'Antiquities' under Armenia, Azov Sea region; Beloye Lake region, Vologda Province; Chechen-Ingush A. S. S. R.; Germany; Iutyh Valley; Kolomna; Moldavia; Tedzhen Valley; Transbaikalia, Turkmenistan, Yaroslavl

ARCHAEOLOGY—BIBLIOGRAPHY see Bibliography—Archaeology

ARCHAEOLOGY—METHODOLOGY

Studying archaeological monuments by the method of determining the degree of electric resistivity of soils. K. Dombrovskii, V. Stopin'skii, T. Stopnitskaia. Sov. arkheol. 6 no. 3:105-115 '62.

Using the archaeomagnetic method for dating archaeological objects. S. P. Burlatskaia. Sov. arkheol. 6 no. 3 99-104 '62.

ARCHANGEL PROVINCE—ISOPODA

Palaeophiramaticus solanensis gen. et sp. nov. and some problems of the phylogeny and zoogeography of Isopoda. IA. A. Birshtein. Paleont. zhur. no. 3:65-80 '62.

ARCHANGEL PROVINCE—PIONEERS (COMMUNIST YOUTH)

Alfeiov, IU. S. [Young Leninists of the north; pages from the history of the Arkhangel Province Pioneer organization] IUnye leninisty Severa; stranitsy iz istorii Arkhangelskoi oblastnoi organizatsii iunykh pionerov imeni V. I. Lenina. [Arkhangel'sk] Arkhangel'skoe knizhnoe izd-vo, 1962. 70 p.

ARCHANGEL PROVINCE—SKIN—DISEASES

Structure of skin disease morbidity according to data from Archangel Province Venereological Dispensary. V. A. Vedernikov. Vest. derm. i ven. no. 8:71-73 '62.

ARCHERY

The thumb ring in Russia in the 16th and 17th centuries. O. IA. IAPovleva. Uch. zap. ChNII no. 21:340-350 '62.

ARCHES

Determining the carrying capacity of hingeless reinforced concrete arches under the action of a stepped load [with summary in English]. L. N. Lebedynets'. Prykl. mekh. 8 no. 1:403-412 '62.

ARCHITECTURE

(see also subdivision under Moscow; Tobol'sk; Tot'ma; Tyumen')

Creative use of architectural and construction experience. G. Isabekian. Arkhit. SSSR no. 8:50-52 '62.

New material about the work of I. Michurin and D. Grigor'ev. M. G. Kavaranov. Arkhit. nas. 14:213-216 '62.

Present-day trends in Soviet architecture. G. Shemiakin. Arkhit. SSSR no. 8:1-4 '62.

[Soviet architecture; a yearbook, 1958-1959] Sovetskaia arkhitektura; ezhegodnik, 1958-1959. Moskva, Gosstroiizdat, 1962. 104 p.

Volodin, P. A. [Story of Soviet architecture] Put' sovetskoi arkhitektury. Moskva, Izd-vo "Znanie," 1962. 61 p. (V pomoshch' lektoru)

ARCHITECTURE—BIBLIOGRAPHY see Bibliography—Architecture

ARCHITECTURE—CONSERVATION AND RESTORATION (see also subdivision under Novgorod; Yur'yev-Pol'skiy)

Sharing experiences in the restoration of architectural monuments. S. Davydov. Arkhit. SSSR no. 8:55 '62.

ARCHITECTURE, DOMESTIC see subdivision under Swedon

ARCTIC REGIONS—POTATOES

Sprouting of potato tubers at decreased temperature. M. A. Vavilova. Sbor. trud. asp. i mol. nauch. sotr. VIR no. 1:193-197 '60.

ARCTIC REGIONS—RUSSIAN EXPLORATION

Ice generation. E. I. Fedorovskii. Voklug sveta no. 8: 8-9, 32 Ag '62.

ARDATOV (MORDOVIA)—COMMUNITY CENTERS

Motion pictures in a plant club. V. Pas'kov. Sov. profsoiuzy 18 no. 19 26-29 O '62

ARDATOV (MORDOVIA)—MOTION PICTURES IN COMMUNIST EDUCATION

Motion pictures in a plant club. V. Pas'kov. Sov. profsoiuzy 18 no. 19 26-29 O '62

ARITHMETIC—PROBLEMS, EXERCISES, ETC.

"Collection of practical problems on arithmetic" by P. I. Sorokin. Reviewed by M. N. Rozanov, R. Abaliaev, Nach. shkola 30 no. 8 83-86 Ag '62

ARITHMETIC—STUDY AND TEACHING

Chekmarev, IA. F. [Methodology of teaching arithmetic in the fifth and sixth grades of eight-year schools] Metodika prepodavaniia arifmetiki v V-VI klassakh vos'miletnei shkoly. Moskva, Uchpedgiz, 1962. 420 p.

ARMENIA—ANTIQUITIES

Archaeological finds in Zangezur. S. A. Esaian, A. N. Shaginian. Sov. arkheol. 6 no. 3:199-208 '62.

ARMENIA—CANNING INDUSTRY

Redouble the efforts in the struggle for the fulfillment of the plan. K. A. Levchenko. Konservn. prom. 17 no. 10: 1-3 O '62.

ARMENIA—CHEMICAL INDUSTRIES

Taking the automation of technological processes into account in planning. M. Babaian. Prom. Arm. 5 no. 9: 25-26 S '62.

ARMENIA—COAL PREPARATION PLANTS—EQUIPMENT AND SUPPLIES

Foam system dust collector. R. Sysoeva. Prom. Arm. 5 no. 9:37-38 S '62.

ARMENIA—COMMERCE

Piruzian, A. S. [Soviet commerce in the Armenian S. S. R.] Sovetskaia torgovlia v Armianskoi SSR. Erevan, Armianskoe gos. izd-vo, 1961. 136 p. illus. (WU)

ARMENIA—CONCRETE—TESTING

Waterproofness and frost resistance of hydraulic concrete made with volcanic slag. V. Saakian. Prom. Arm. 5 no. 9:29-31 S '62.

ARMENIA—CONSTRUCTION INDUSTRY

Prospects for the development of the construction industry in Armenia. G. Melkumian. Zhil. stroi. no. 7:3-5 '62.

ARMENIA—CONSTRUCTION INDUSTRY—MANAGEMENT

Improve the operational and production planning in construction. B. Shakhnazarian. Prom. Arm. 5 no. 9:22-24 S '62.

ARMENIA—ECONOMIC CONDITIONS

In the Economic Council of the Armenian S. S. R. Prom. Arm. 5 no. 9:65-66 S '62.

ARMENIA—ECONOMIC RESEARCH

In the Institute of Economics of the Academy of Sciences of the Armenian S. S. R. D. Ter-Akopian. Vop. ekon. no. 9:143-144 S '62.

ARMENIA—FERTILIZERS AND MANURES

Effectiveness of mineral fertilizers on cultivated and irrigated Chestnut soils [in Armenian with summary in Russian]. S. M. Arazian. Izv. Upr. sel'khoz. nauki Arm. SSR 5 no. 6:59-65 '62.

ARMENIA—FORAMINIFERA, FOSSIL

Stratigraphic distribution of orbitoids in Paleogene sediments in the southwestern part of the Armenian S. S. R. S. M. Grigorian. Izv. AN Arm. SSR, Geol. i geog. nauki 15 no. 4:3-8 '62.

ARMENIA—FRUIT TREES

Temperature conditions of stony soils ("kira") and root growth of fruit trees [in Armenian with summary in Russian]. A. M. Kirakosian. Izv. Upr. sel'khoz. nauki Arm. SSR 5 no. 6:39-46 '62.

ARMENIA—GEOLOGY, STRATIGRAPHIC

Correlation scale of the cross sections of Upper Oligocene and Neogene formations in Oktemberyan, Erivan, and Nakchichevan troughs. S. K. Arsumanian. Izv. AN Arm. SSR, Geol. i geog. nauki 15 no. 4:9-18 '62.

ARMENIA—INDUSTRIAL ORGANIZATION

The concentration of industries is an important task of the national economy. Prom. Arm. 5 no. 9:3-6 S '62

ARMENIA—INDUSTRIES—BIBLIOGRAPHY

New books and information materials received by the scientific and technical library of the Economic Council of the Armenian S. S. R. *Prom. Arm. 5 no. 9:73-74* S '62.

ARMENIA—IRRIGATION

Necessity and effectiveness of the organization of soil improvement service within the sections of collective farms [in Armenian with summary in Russian]. N. T. Magakian. Izv. Upr. sel'khoz. nauki Arm. SSR 5 no. 6: 11-16 '62.

ARMENIA—MACHINE-TOOL INDUSTRY

Valuable initiative. S. Tarnian. Prom Arm. 5 no 6, 58-59 S '62.

ARMENIA—OPALS

Opalization of scoria in the crater of the Zapadnyy Agusar volcano. K. I. Karapetian, I. Kh. Petrosov. Izv AN Arm. SSR. Geol. i geog. nauki 15 no. 1:11-19 '62.

ARMENIA—PASTURES AND MEADOWS

Effect of boron and molybdenum on the yield and botanical composition of natural meadows in the meadow-steppe zone [in Armenian with summary in Russian]. E. A. Kazarian. Izv Upr. sel'khoz nauki Arm. SSR 5 no 6, 29-38 '62.

ARMENIA—PLANTS, EFFECT OF TEMPERATURE ON

Temperature conditions of stony soils ("kirs") and root growth of fruit trees [in Armenian with summary in Russian]. A. M. Kirakosian Izv Upr. sel'khoz nauki Arm. SSR 5 no. 6:39-46 '62.

ARMENIA—POLITICS AND GOVERNMENT

Follow-up of the critical remarks of the deputies of the soviets. Sov. deput trud. no. 10:102 O '62.

ARMENIA—PORPHYRY

Geology and petrography of Jurassic quartz plagioporphyries in the Armenian S. S. R. Izv. AN Arm. SSR. Geol. i geog. nauki 15 no. 1:19-34 '62.

ARMENIA—POULTRY

Some problems of keeping poultry in cages in Armenia [in Armenian with summary in Russian]. S. K. Karapetian, A. V. Arshakian. Izv. Upr. sel'khoz nauki Arm SSR 5 no 6:73-81 '62.

ARMENIA—PRECAST CONCRETE CONSTRUCTION

Large-panel apartment houses in Armenia. K. Akopian, G. Sarkisian. Zhil. stroi. no. 3:17-20 '62.

ARMENIA—PRODUCTION STANDARDS

Simplified method of calculating the average percentage of the fulfillment of production norms. D. Martumian Prom. Arm. 5 nl. 9:46-48 S '62

ARMENIA—QUARTZ

Geology and petrography of Jurassic quartz plagioporphyries in the Armenian S. S. R. A. P. Ichedev, E. G. Malkhasian. Izv. AN Arm. SSR. Geol. i geog. nauki 15 no. 4:19-34 '62.

ARMENIA—RESEARCH, INDUSTRIAL

"Power engineering, electric engineering and machine tool manufacture," Collection No. 4 of Scientific and technical articles. Reviewed by G. Muradian Prom. Arm. 5 no. 9:69-70 S '62.

ARMENIA—SILKWORMS

Effect of the density of distribution of mulberry silkworms on their body temperature [in Armenian with summary in Russian]. E. L. Petrosian Izv. Upr. sel'khoz. nauki Arm. SSR 5 no. 6:87-89 '62.

ARMENIA—SLAG

Waterproofness and frost resistance hydraulic concrete made with volcanic slag. V. Saakian Prom Arm. 5 no. 9:29-31 S '62.

ARMENIA—SOFT DRINKS

Soft drinks. E. Zaz'ian, A. Khachatrian. Prom Arm. 5 no. 9:35-36 S '62.

ARMENIA—STONE AGE

Sardarian, S. A. [Stone Age in Armenia] Paleolit v Armenii. Otv. red. M. S. Asratian. Erevan [Izd-vo Akad. nauk Armianskoi SSR] 1954. 182 p. illus. 32 plates, map.
(ICU)

ARMENIA—TECHNOLOGY—INFORMATION SERVICES

In the Armenian House of Technology. Prom. Arm. 5 no. 9:66-67 S '62.

ARMENIA—VOLCANIC ASH, TUFF, ETC.

Opalization of scoria in the crater of the Zapadnyy Agusar volcano. K. I. Karapetian, I. Kh. Petrosov. Izv. AN Arm. SSR. Geol. i geog. nauki 15 no. 4:41-49 '62.

ARMENIAN LANGUAGE—ALPHABET

Sevak, G. G. [Mesrop Mashtots; foundation of the Armenian alphabet and language] Mesrop Mashtots; sozdanie armianskikh pis'men i slovesnosti. Erevan, Aipetrat, 1962. 77 p.

ARMENIAN LITERATURE see subdivision under Ukraine

ARMENIAN LITERATURE—HISTORY AND CRITICISM

Encourage and teach. Nairi Zarian. Vop. lit. 6 no. 9: 99-100 S '62.

Our times are the basis for innovation. S. Agababian. Vop. lit. 6 no. 9:59-72 S '62.

ARMIES see also subdivision 'Army' under Russia

ARMORICA—CITIES AND TOWNS

The origin of Breton villages in Gallic Armorica [with summary in French]. A. IA. Shevelenko. Sred. veka no. 22:3-24 '62.

AROMATIC COMPOUNDS

Pyrazoles. Part 28. Basicity of pyrazoles conjugated with various aromatic systems (peculiarity of the ferrocene aromatic system). I. I. Grandberg, A. N. Kost. Zhur. ob. khim. 32 no. 9:3025-3029 S '62.

ARRHYTHMIA

Significance of the phenomenon of sound interference in the appearance of a strong first tone in some rhythm disorders [with summary in English]. I. S. Sigal. Kardiologiia 2 no. 4:71-75 Jl-Ag '62.

ARSENIC

Effective electron mass in germanium heavily alloyed with arsenic. E. P. Rashevskaia, V. I. Fistul'. Fiz. tver. tela 4 no. 9:2601-2603 S '62.

ARSENIOUS ACID

Chlorides and mixed esters of cyclohexyl- and dicyclohexylarsenous acid. Gulim Kamal, R. G. Miftakhova. Zhur. ob. khim. 32 no. 9:2839-2844 S '62.

ART

Brief notes. Iskusstvo 25 no. 7:70-80 '62.

Zotov, A. I. [Folk elements of Russian art] Narodnye osnovy russkogo iskusstva. Moskva, Akad. khudozhestv SSSR,
Vol. 1. 1960.
(MH)

ART—BIBLIOGRAPHY see Bibliography—Art

ART—EXHIBITIONS
(see also subdivision under Kiev)

The exhibition "Industry of socialism." I. Abramskii. Iskusstvo 25 no. 7 25-31 '62.

ART—PERIODICALS

Looking over foreign periodicals. . . . Iskusstvo 25 no. 7:73-77 '62.

ART—PHILOSOPHY

The pictorialness and expressiveness of art [with summary in English, p. 186]. Vop. filos. 16 no. 9:100-111 '62.

ART—STUDY AND TEACHING

TSentral'nyi dom narodnogo tvorchestva im. N. K. Krupskoi. [Drawing and painting; a guide for amateur artists] Risunok i zhivopis'; rukovodstvo dlia samodeiatel'nykh khudozhnikov. Moskva, Iskusstvo.
Vol. 2. 1961. 301 p. illus.

ART, ABSTRACT

"Abstractionism is the destruction of aesthetics" by S. I. Mozhniagun. Reviewed by M. Iinskin. Iskusstvo 25 no 7:71-73 '62.

ART, AUSTRALIAN

Australian art today. L. Vladimirskii. Iskusstvo 25 no. 7:35-12 '62

ART, DAHOMAN—EXHIBITIONS see subdivision under Moscow

ART, EGYPTIAN

Pavlov, V. V. [Art of ancient Egypt] Iskusstvo Drevnego Egipta. Moskva, Izd-vo Akad. khudozh. SSSR, 1962. 69 p.

ART, POLISH—EXHIBITIONS

Fifteen years of Polish satire. Iskusstvo 25 no. 7:77 '62.

ART AND COMMUNISM see Communism and art

ART AND INDUSTRY

Architect and technological aesthetics. N. Klin, V. Blokhin. NTO 4 no. 10:28-31 O '62.

Artist is needed at a plant. V. Isaeva. NTO 4 no. 10:22 O '62.

Enthusiasts of a perfect organization of production. I. Petrov. NTO 4 no. 10:23-24 O '62.

From the editor. NTO 4 no. 10:31-32 O '62.

Industrial articles will be beautiful. P. Aleksandrov. NTO 4 no. 10:23-24 O '62.

Inspire work, make life more beautiful, ennoble man. G. Kruglov. NTO 4 no. 10:27 O '62.

So that everything may gladden our eyes. G. Peskov. Part. zhizn' Kazakh. 32 no. 9:36-38 S '62.

Technological aesthetics and industrial development. P. Mostaisev. NTO 4 no. 10:20-21 O '62.

Wonderful colors. Aleh Surski. Belarus' 10 no. 9:12 S '62.

ART GALLERIES AND MUSEUMS see subdivision under Moscow

ART OBJECTS

Do you like beautiful things? Aleh Surski. Rab. i stal. 38 no. 8:10-11 Ag '62.

ARTEM, pseud. see Sergeev, Fedor Andreevich, 1883-1921

ARTEMOVSK DISTRICT—BANKS AND BANKING

We are studying the economy and finances of collective farms. T. Kinash. Den. i kred. 20 no. 9:63-64 S '62.

ARTEMOVSK DISTRICT—COLLECTIVE FARMS—AUDITING AND INSPECTION

We are studying the economy and finances of collective farms. T. Kinash. Den. i kred. 20 no. 9:63-64 S '62.

ARTERIES

Luminescent macroscopic characteristics of the aorta and arteries in the early stages of atherosclerosis. V. Kh. Anastiadi. Zdravookhranenie 5 no. 1:42-45 Jl-Ag '62.

ARTERIES—DISEASES

Changes in the blood and hemopoietic organs in peripheral thrombosis. V. E. Tikhomirov. Probl. gematol i perel. krovi no. 8:28-31 '62.

ARTERIES—RADIOGRAPHY

Stepanova, G. G. [Arteriographic data on obliterating diseases of the arteries of the lower extremities] Dannye arteriografii pri obliterirushchikh zabolevaniiakh arterii nizhnikh konechnostei. Uzhgorod, Zakarpatskoe obl. knizhno-gazetnoe izd-vo, 1962. 133 p.

ARTERIOSCLEROSIS
(see also subdivision under Ethiopia)

Aortic and arterial changes in the early stages of atherosclerosis. V. Kh. Anastiadi. Arkh. pat. no. 7:25-29 '62.

Atherosclerotic vascular lesions in cancer; statistical study. P. N. Semenatnov. Arkh. pat. no. 7 49-51 '62.

Blood calcium content in atherosclerosis [with summary in English]. D. M. Aronov. Kardiologiia 2 no. 4:42-46 Jl-Ag '62.

Changes in the distal segments of the coronary vessels of the heart and in the myocardium in atherosclerosis [with summary in English]. P. N. Agapova. Arkh. pat. no. 7 19-25 '62.

Clinical aspects of obliterating atherosclerosis of the vessels of the extremities. A. I. Shishkina, G. D. Medvedovskaia. Kaz. med. zhur. no. 3:14-15 My-Je '62.

Effect of hypochloride diet on the phosphorus-carbohydrate metabolism of erythrocytes in atherosclerosis and hypertension. B. S. Beterovskii. Kaz. med. zhur. no. 3:11-14 My-Je '62.

Fat metabolism in various phases of atherosclerosis [with summary in English]. M. N. Solin. Kardiologiia 2 no. 4:46-52 Jl-Ag '62.

Glycogen content in the aorta in atherosclerosis. S. S. Kamalian. Arkh. pat. no. 7:30-33 '62.

Luminescent macroscopic characteristics of the aorta and arteries in the early stages of atherosclerosis. V. Kh. Anastiadi. Zdravookhranenie 5 no. 1:42-45 Jl-Ag '62.

Morphogenesis of experimental atherosclerosis in dogs, histochemical study [with summary in English]. K. A. Gornak, N. L. Mastchinova. Arkh. pat. no. 7:34-42 '62.

Pathogenesis of atherosclerosis in the light of morphological data. I. V. Davydovskii, L. A. Galian, A. I. Ozerai. Arkh. pat. no. 7:10-18 '62.

Pathomorphology of the central nervous system in experimental atherosclerosis in dogs [with summary in English]. L. A. Dolina. Arkh. pat. no. 7:42-49 '62.

Rare case of prolonged pulmonary hemorrhage from an atherosclerotic aneurysm of the thoracic aorta. S. S. Kruglova, O. V. Sgibneva. Klin. med. no. 12:110-111 '61.

Significance of a deficiency of tissue lipolytic enzymes in the pathogenesis of atherosclerosis [with summary in English]. F. L. Leites. Kardiologiia 2 no. 4:35-41 Jl-Ag '62.

ARTHRITIS

Comparative evaluation of tests with bentonite, dermatol and latex used for the diagnosis of infectious nonspecific polyarthritis. M. P. Grigor'eva, V. I. Shchikov, T. M. Troflimova. Terap. arkh. no. 6:68-71 '62.

Functional state of the adrenal cortex in infectious nonspecific polyarthritis and its change under the influence of hormonal therapy. M. G. Astapenko, N. B. Pul'keeva. Terap. arkh. no. 6:60-67 '62.

Polyarthritic disease. In Izmbo. V. K. Porakin, V. G. Romanenko. Trudy Rost. NIVS no. 12:301-303 '60.

Some data on humeroscapular periarthritis. I. I. Krupko. Orthop., travm. i protez. 23 no. 6:11-17 Je '62.

ARTHRITIS, RHEUMATOID

Kravchenko, L. F. [Urov disease, its prevention and treatment] Urovskaia bolezn', ee preduprezhdenie i lechenie. Chita, Chitinskoe knizhnoe izd-vo, 1961. 74 p.
(DNLM)

Some indices of the vitamin balance in arthritic arthroses. A. S. Ankovskaia, A. Kh. Ozerov. Orthop., travm. i protez. 23 no. 6:29-33 Je '62.

ARTHRODESIS

Technic of arthrodesis of the shoulder joint. S. A. Liberzon. Orthop., travm. i protez. 23 no. 6:63-64 Je '62.

ARTIFICIAL INSEMINATION

Zajanchkovskii, I. F. [Practical training on artificial insemination of agricultural animals] Praktikum po iskusstvennomu osemeneniiu sel'skokhoziaistvennykh zhivotnykh. Moskva, Izd-vo sel'khoz. lit-ry, zhurnalov i plakatov, 1961. 255 p. (Uchebniki i uchebnye posobiia dlia vysshikh sel'skokhoziaistvennykh uchebnykh zavedenii)
(DNAL)

ARTIFICIAL LEATHER see Leather, Artificial

ARTIFICIAL RESPIRATION

Iorgolten method of artificial respiration. B.M.Khromov, Fel'd. i akush. 27 no. 7:50-53 Jl '62.

Use of controlled respiration in combination with curare for treating acute convulsive states in childhood [with summary in French]. Laszlo Mutányi and others. Zhur. nevr. i psikh. 62 no. 7:1000-1005 '62.

ARTIFICIAL SATELLITES

[Results of observations of American artificial earth satellites] Rez. nabl. amer. issl. sput. Zem. no. 12 '62.

Symposium on the dynamics of earth satellites. III. V. Batrakov. Vest. AN SSSR 32 no. 9:114-115 S '62.

ARTIFICIAL SATELLITES—BIBLIOGRAPHY see Bibliography—Artificial satellites

ARTIFICIAL SATELLITES—TRACKING

[Results of observations of Soviet artificial earth satellites] Rez. nabl. sov. issl. sput. Zem. nos. 53-54 '62.

ARTIFICIAL SATELLITES IN METEOROLOGY

Use of radiation measurements from artificial satellites in a synoptic analysis. V. G. Boldyrev. Meteor. i gidrol. no. 10:28-34 O '62.

ARTILLERY

Early phase of the development of automatic control in Russian naval artillery. N. F. Solov'ev. Shor. dokl. Voen. ist. sek. no. 3:36-46 '60.

ARTILLERY, FIELD AND MOUNTAIN

Most long-lived gun. Voen. znan. 38 no. 9:35 S '62.

Self-propelled artillery. Voen. znan. 38 no. 9:25 S '62.

ASBESTOS see subdivision under Bzhinevi region

ASBESTOS CEMENT

Automatic feeding of asbestos. S. G. Kutikov. Stroi. mat. 8 no. 8:21-25 Ag '62

Fibrolite-asbestos cement panels for apartment houses and industrial buildings. L. I. Inikov. Arkhit. SSSR no. 8:36-37 '62

Lukashenko, I. A., and others. [Asbestos-cement elements for industrial buildings] Asbestotsementnye konstruktsii dlia promyshlennykh zdanii. Kiev, Gosstroiizdat USSR, 1962. 48 p. (Bibliotechka inzhenera-konstruktora)

Vsesoiuznyi nauchno-issledovatel'skii institut novykh stroitel'nykh materialov. [Catalog of finishing materials and products] Katalog otdelochnykh materialov i izdelii. [Moskva] Gosstroiizdat.
Pt. 4. [Asbestos cement] Asbestotsement. 1961. 36 p.

ASCARIDS AND ASCARIASIS

(See also subdivision under Donetsk Province, Kola Peninsula, Lithuania; Moldavia)

Epizootiology of ascariasis in swine in Azov District, Rostov Province. S. A. Azhinov, E. F. Krivoshta. Trudy Rost. NIVS no. 12:266-269 '60.

Possibility of utilizing the anamnestic method for the examination of the population in eradicating ascariasis. V. IA. Kebina. Med. parazit. i parazit. bol. no. 3 304-306

[illegible] ascari-

ASHKHABAD REGION—ALHAGI

Chemical composition of Alhagi persarum Boiss et Buhse. I. Z. Aseeva, A. D. Daukaeva, E. K. Denisova. Izv. AN Turk. SSR Ser. biol. nauk no. 3 74-76 '62

ASIA—BIBLIOGRAPHY

[New Soviet and foreign literature on the countries of the non-Soviet East] Nov. sov. i inostr. lit. po stranam zarub. Vost. no. 5 '62

ASIA—CAVE FAUNA

Review of present-day data on the cave fauna in Asia. S. I. Levushkin. Nov. kar. i spel. no. 2 109-112 '61

ASIA—LABOR AND LABORING CLASSES

"Conditions of the working class and labor movement in the countries of Asia and Africa." Reviewed by N. Oparin. Nov. vrem. 20 no. 42 28-29 O '62.

ASIA, CENTRAL—CONIFERAE, FOSSIL

Podocarpophyllum, a new conifer genus from Jurassic carboniferous sediments of the Angrenian in Central Asia. N. P. Gomilitskii. Bot. zhur. 47 no. 7 1029-1032 Jl '62.

ASIA, CENTRAL—ETHNOLOGY—PICTORIAL WORKS

V. I. Roborovskii's unpublished ethnographic drawings. I. A. Gol'denberg. Sov. etn. no. 4 158-164 Jl-Ag '62

ASIA, CENTRAL—GEOLOGY, STRATIGRAPHIC

Correlation of Mesozoic continental sediments in the central regions of Asia. G. G. Martinson. Sov. geol. 5 no. 8:161-161 Ag '62

ASIA, CENTRAL—INDIC LITERATURE

The spread of Indic works in Central Asia at the end of the 19th and the beginning of the 20th century. G. L. Dmitriev. Kniga, issl. i mat. 6 238-251 '62.

ASIA, SOUTHEASTERN—COMMUNIST PARTIES

How the Communist Parties of Southeastern Asia have struggled for national independence and democracy, 1918-1962. T. S. Pokatneva. Vop. ist. KPSS 6 no. 5 61-78 '62

ASIA, SOUTHEASTERN—ECONOMIC GEOGRAPHY

"Countries of Southeastern Asia" by I. P. Mlovatskii. Reviewed by A. Kaufman. Geog. v shkole 25 no. 5:89-90 S-O '62.

ASIA, SOUTHWESTERN—GEOLOGY, STRATIGRAPHIC

Kriger, N. I. [Quaternary sediments of Africa and southwestern Asia] Chetvertichnye otlozheniia Afriki i Perednei Azii. Moskva, Izd-vo Akad. nauk SSSR, 1962. 141 p.

ASIA, SOVIET CENTRAL see Soviet Central Asia

ASPHALT CONCRETE

Asphalt concrete based on metallurgical slags. N. K. Khokhrin. Avt. dor. 25 no. 9:25 S '62.

ASPHALTENES

Adsorption of asphaltenes by quartz. L. V. Liutin, I. P. Olenikov. Nauch.-tekh. sbor. po dob. nefti no. 16 78-81 '62

Kinetics of asphaltene coking. S. A. Kaganov, M. Kh. Levinter, M. I. Medvedeva. Khim. i tekh. topl. i masel 7 no. 7 38-43 Jl '62.

ASPHYXIA

Methods for resuscitating children born in asphyxia. G. L. Raver. Fel'd. i akush. 27 no. 7:53-56 Jl '62.

ASSEMBLY-LINE METHODS

Automatic lines for the preparation of concentrated dry food for infant feeding. V. A. Vulikhman, P. L. Shteinberg. Khar. prom. no. 2:11-13 Ap-Je '62.

Basic trends in the improvement of assembling processes in the instrument industry. I. A. Sokolovskii. Priboro-stroenie no. 9:4-6 S '62.

Experience in the production of tomato paste on the Lang automatic line. R. V. Zablotskii. Khar. prom. no. 2: 11-16 Ap-Je '62.

Filippov, V. V., V. IA. Shekhter, and VI. I. Olenev. [Fully and semiautomated sheet metal working lines] Avtomaticheskie i avtomatizirovannye kholodnoshtampovochnye linii. Pod obshchei red. V. P. Romanovskogo. Moskva, Mashgiz, 1962. 81 p. (Bibliotechka shtampovshchika, no. 1)
[MICROFILM]

Test calculation of a heating element for the wetting of shoe uppers. G. F. Krokhina, K. I. Akovlev. Nauch. trudy MTILP no. 23:159-163 '61.

Ochnov, V. N. and Zh. V. Monosov. [Assembly-line repair of motortruck cabins] Remont kabin gruzovykh avtomobilei na potoke. Moskva, Avtotransizdat, 1962. 73 p. Obmen tekhnicheskim opytom avtotransportnykh predpriiatii)

Obzov, B. A. [Modern means and methods for the automation of assembling operations, verbatim report of a lecture] Sovremennye sredstva i metody avtomatizatsii sborochnykh rabot, stenogramma lektsii. Leningrad, 1962. 32 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Seriia: Mekhanicheskaia obrabotka metallov)

Mechanized continuous production line for the reception of juices. L. D. Ivanov. Kons. i ov. prom. 17 no. 10: 5-6 O '62.

Mechanizing the process of assembling threaded joints. V. A. Marin. Vest. mashinostr. 42 no. 9:64-66 S '62

New assembly line at the Polyustrovo Combine. V. A. Lvdokimov, IU. G. Nebov, V. V. Olishanskii. Stroi. i arkhit. Len. 21 no. 2:23-25 F '62.

On "Technical instructions for assembling columns and tower types of equipment." Biul. stroi. tekh. 19 no. 3: 18 Mr '62.

Possibility of the automation of assembly operations. A. Umanskii. Izobr. i rats. no. 8:7-9 Ag '62.

Selecting the method of automatic assembling according to the precision parameters of parts. A. B. Pakuls. Priborostroenie no. 9:11-13 S '62.

Shul'man, E. F. [Line production in the machinery and instrument industries] Potochnoe proizvodstvo v mashinostroenii i priborostroenii, iz opyta zavodov s serinym proizvodstvom. Moskva, Mashgiz, 1962. 222 p.

ASTEROLEPIDAE see subdivision under Minusinsk Basin

ASTHENIA

So-called "agastric asthenia" and "early syndrome" following stomach resection for peptic ulcer. I. D. Tanasienko. Klin. khir. no. 7:24-26 Jl '62.

ASTHMA

Total unilateral reflex atelectases of the lung during surgery on bronchial asthma patients. A. A. Shalimov, E. P. IArotskaia. Klin. khir. no. 7:65-68 Jl '62.

ASTRAKHAN PROVINCE—WATER, UNDERGROUND

New simple method for determining the level of underground waters for any given date. V. V. Zakharov, N. S. Tokarev. Trudy NPI 128,25-41 '62

ASTRONAUTICS

(see also subdivision under United States)

An achievement which will never be forgotten. Komm. Bel. 36 no. 9:8-12 S '62

Address of the Central Committee of the CPSU, the Presidium of the Supreme Soviet of the U.S.S.R. and the Government of the Soviet Union. Priroda 51 no. 9,3-4 S '62.

An appeal of the Central Committee of the CPSU, the Presidium of the Supreme Soviet of the U.S.S.R., and the Government of the Soviet Union to the Communist Party and the people of the Soviet Union, the peoples and governments of all countries, and all progressive humanity. Part. zhizn' [Uzb.] 5 no. 9:3-5 S '62.

A brave assault on the universe. Radio no. 9:2 S '62.

Comparison between the Soviet space ships and the largest American rockets and earth satellites. Mezhdunar. zhizn' 9 no. 10:136-137 O '62.

Congratulations of the Central Committee of the CPSU, the Presidium of the Supreme Soviet of the U.S.S.R. and the Soviet Government to scientists, designers, engineers, technicians, and workers as well as to all the collectives and organizations which helped to carry out the long flight of "Vostok-3" and "Vostok-4" space ships, and to Soviet cosmonauts Comrade A. G. Nikolaev and Comrade P. R. Popovich. Part. zhizn' [Uzb.] 5 no. 9,7-8 S '62.

For the benefit of all mankind. Nar. khoz. Kazakh. 20 no. 8,3 Ag '62.

Greatest contribution to science, what foreign scientists say. Priroda 51 no. 9 22-23 S '62.

Heroic achievement of Soviet science. I. Sabel'nikov. Polit. samoobr. 6 no. 9:9-13 S '62.

In the name of peace, progress, and happiness of all peoples. Az. i Afr. segs. no. 9:2, 11 S '62.

Latest triumph of Soviet science and technology. Zdorov'e 8 no. 9 1-2 S '62.

Man dominates space. M. Kh. Kiuni. Mol. mira no. 7: 10-11 '61.

Mysteries of the universe are being unveiled. A. G. Masevich. Priroda 51 no. 9:17-20 S '62.

N. S. Khrushchev's congratulatory telegram to Comrade Nikolaev. Part. zhizn' [Uzb.] 5 no. 9:6 S '62.

N. S. Khrushchev's congratulatory telegram to Comrade Popovich. Part. zhizn' [Uzb.] 5 no. 9:6 S '62.

New horizons are in sight. V. A. Ambartsumian. Priroda 51 no. 9:16 S '62.

New outstanding victory of Soviet people. Khim. v shkole 17 no. 5:3 S-O '62.

Ninety-five hours in the cosmos, a short diary of the flight. Priroda 51 no. 9:5-7 S '62.

People of great horizons. Polit. samoobr. 6 no. 9:3-9 S '62.

Priceless gift for all humanity. N. M. Emanuel', B. M. Kedrov. Vest. vys. shkoly 20 no. 9:3-4 S '62.

A relay of generations. Nauka i rel. no. 9:3-5 S '62.

Results of the unparalleled flight. Nov. vrem. 20 no. 44: 2-3 O '62.

To the Communist Party and the peoples of the Soviet Union. To the peoples and governments of all countries. To all progressive humanity. An appeal of the Central Committee of the CPSU, the Presidium of the Supreme Soviet of the U.S.S.R., and the Government of the Soviet Union. Vop. ist. KPSS 6 no. 5 3-4 '62.

Toward the stars. V. Fishchuk. Part. zhizn' Kazakh. 32 no. 9:10-12 S '62.

Unprecedented group flight into outer space. G. Pokrovskii. Voen. znan. 38 no. 9:3-4 S '62.

ASTRONAUTICS (Continued)

Victories of reason and labor. M.V.Keldysh. Priroda 51 no.9:8-10 S '62.

Victories of the Soviet people in the domination of space. Mezhdunar.zhizn' 9 no.10 135-136 O '62.

We lived and worked in outer space. A.G.Nikolaev, P.R. Popovich. Priroda 51 no.9 10-16 S '62.

We shall fly toward the stars. Rab.i stud. 36 no.9 1 S '62

ASTRONAUTICS—COMMUNICATION SYSTEMS

The communication systems are operating faultlessly. Vest.sviazi 22 no.9:3 of cover S '62.

"Lincos" by Hans Freudenthal. Reviewed by R.Dobrushin, A.Kondratov. Znan.-sila 37 no.7 10-12 Jl '62.

Television broadcasting of the flight of "Vostok-3" and "Vostok-4" spaceships. Tekh.kino i telev. 6 no.10: 90 O '62.

ASTRONAUTS

Nineteenth round. Vsevolod Revich. Vokrug sveta no.8: 1-3 Ag '62.

ASTRONOMY—ABSTRACTS

[Astronomy and geodesy] Ref.zhur.: Astron i geod. no.10 O '62

ASTRONOMY—CONGRESSES

The first plenum of the Committee on Theoretical Astronomy. Biul.Inst.teor.astron. 8 no.7:531-535 '62.

ASTRONOMY—DICTIONARIES

Kramer, A. Russko-angliiskii slovar' po astronomii. Russian-English dictionary on astronomy [Trenton, Scientific Russian Translating Service, 1962] 191 p.

ASTRONOMY—OBSERVATIONS

Study of the wavering of the solar image. M.B Kerimbekov. Izv.AN Azerb.SSR Ser.fiz.-mat.i tekh.nauk no.3 133-136 '62.

ASTRONOMY—PERIODICALS

Publication of the issue no.100 of "Biulleten' Instituta teoreticheskoi astronomii." G.A.Chebotarev. Biul. Inst.teor.astron. 8 no.7:457-458 '62.

ASTROPHYSICS

Diffusion of radiation with redistribution in frequency in a semi-infinite medium [with summary in English]. V.V.Ivanov. Uch.zap.LGU no.307.52-66 '62.

Scientists are looking for the prestar matter. F.Iu. Zigel'. Znan.-sila 37 no.7 24-27 Jl '62

Where did the atoms come from? D.Trifonov. Znan.-sila 37 no.7 20-24 Jl '62.

ASYNCHRONOUS ELECTRIC MOTORS see Electric motors, Induction

ATHEISM

(see also subdivision under Alma-Ata Province, Dol'shovtsy District; Kirovograd Province; Sumy Province)

The All-union Conference on the Propagation of Scientific Atheism in the light of the resolutions of the 22d Congress of the CPSU. A.V.Smoliak. Sov.etn no.4 182-185 Jl-Ag '62.

Antireligious propaganda should be widely expanded. Part.zhizn' no.19:54-57 O '62.

Atheistic education during the reading of literary works in the fifth grade. P.Sontsau. Nar.obr. no.9:40-47 S '62.

Glorious Leninist traditions. Volov.ateist no.12:2-3 D '61.

Happiness is only on earth. L.IAkymiv. Volov.ateist no.12:25 D '61.

"Problems in religion and atheism." Reviewed by V.Kelembetova. Nar.tvor.ta etn. 6 no.1.139-142 Ja-Mr '62.

Speeches at the 22d Congress of the CPSU. Volov.ateist. no.12:4-8 D '61.

The writer and the subject of atheism. Sergei L'vov. Nauka i rel. no.6:69-73 Je '62.

ATHEISM—PERIODICALS see subdivision under Poland

ATHEISM—STUDY AND TEACHING

"Atheistic education in Soviet schools; materials for the teachers of atheism." Reviewed by A.Fedorenko. Volov.ateist no.12:59-60 D '61.

Atheistic work with lower-grade students in schools. Nar.obr. no.8-82-87 Ag '62.

An important element in the system of atheistic education. Nauka i rel. no.9:8-9 S '62.

In the same city. M.Mikhailov. Nauka i rel. no.6:77-79 Je '62.

It is the duty of every scholar! K.Karandeev. Nauka i rel. no.6:8-11 Je '62.

Kazan School for Working Youth No.20. A.V.Alekseev. Vech.sred.shkola 5 no.3:96 My-Je '62.

"Problems of atheistic education." by N.K Krupskaia. Reviewed by S.Kogan. Nar.obr. no.8 121-122 Ag '62.

Results, plans, reflections... Nauka i rel. no.6:74-77 Je '62.

Try to reach every believer. Nauka i rel. no.6:2-7 Je '62.

The Turkmen Conference on the Problems of Scientific Atheism. N.Kuliev, IU.Petrash. Izv.AN Turk.SSR, Ser. obshchestv. nauk no.3:100-103 '62.

We are responsible for them. I.Khramushin. Nauka i rel. no.9 81-82 S '62.

ATLANTIC OCEAN—FISHERY LAW AND LEGISLATION

New stage in the development of Soviet-Norwegian fishing relations. A.A.Volkov. Ryb.khoz. 38 no.7 81-83 '62.

ATLANTIC OCEAN—GRENADIERS (FISH)

Reproduction of the grenadier Macrurus berglax Lacepede [with summary in English]. K.P IAnulov. Zool.zhur. 41 no.8:1259-1262 Ag '62.

ATLANTIC OCEAN—HERRING FISHERIES

Fluctuations in the abundance of Atlanto-Scandinavian herring. S.S.Fedorov. Ryb.khoz. 38 no.7.10-16 '62.

ATLANTIC OCEAN—MENHADEN

Menhaden. S.IA.Karpukhov. Ryb.khoz. 38 no.8 16-19 '62.

ATMOSPHERE

Absorption of long-wave radiation by bands of water vapor and CO_2 in the atmosphere in directions deviating from the vertical. L.I.Galbina, V.E.Zuev. Izv.vys.uch.zav.: fiz. no.4:69-74 '62.

Determining corrections for the reflection in the tables of the luminosity of a cloudless day sky. G.Sh.Livshits. Izv.Astrofiz.inst.AN Kazakh.SSR 2:150-153 '56.

Some consequencies of the brightness formula for day sky. G.Sh.Livshits. Izv.Astrofiz.inst.AN Kazakh. SSR 2:111-149 '56.

Some results of the electrophotometry of clear day sky. G.Sh.Livshits. Izv.Astrofiz.inst.AN Kazakh.SSR 2 131-143 '56.

ATMOSPHERE, UPPER

Air currents at altitudes of 80 to 100 km from observations of the drift of meteor trains. A.P.Savrukhin. Meteor.i gidrol. no.10 34-36 O '62.

ATMOSPHERE, UPPER—ROCKET OBSERVATIONS

Experimental determination of the radiation leaving the earth. A.V.Livantsov and others. Dokl.AN SSSR 146 no.2:344-346 S '62

ATMOSPHERIC TRANSPARENCY

On certain representations of an analytic expression for the coefficient of light attenuation of the aerosol component of the atmosphere. S.D.Tvorogov. Izv.vys.uch. zav., fiz. no.4:175-176 '62.

Relationship between the transparency coefficient of the earth's atmosphere and the wave length. T.P.Toropova. Izv.Astrofiz.inst.AN Kazakh.SSR 2:154-159 '56.

ATMOSPHERIC TRANSPARENCY—MEASUREMENT

Allowing for single scattering in atmospheric transparency measurements. M.V.Kabanov. Izv.vys.uch.zav.: fiz. no.4:28-32 '62.

ATMOSPHERIC TURBULENCE

Turbulence factor in the case of unstable stratification of the surface layer. A.A.Khatamov. Izv.AN Uz.SSSR Ser.fiz.mat.nauk 6 no.2:21-27 '62.

ATOMIC BOMB—TESTING

It is impossible to conceal an atomic explosion. IU.Rybchinskii. NTO 4 no.10:44-46 O '62.

ATOMIC ENERGY

Aladiev, I.T., ed. [Atoms for peace; progress in the peaceful uses of atomic energy] Atom dlia mira; progress v mirnom ispol'zovanii atomnoi energii (sbornik statei). Moskva, Izd-vo Akad. nauk SSSR, 1962. 155 p. (Akademiia nauk SSSR. Nauchno-populiarnaia serila)

Brief news. Atom.energ. 13 no.3:300-301 S '62.

Brief news. Atom.energ. 13 no.4:403-404 O '62.

Butanov, A.F. [Nuclei, atoms, molecules] IAdra, atomy, molekuly. Moskva, Gosntomizdat, 1962. 300 p.

ATOMIC ENERGY—BIBLIOGRAPHY see Bibliography—Atomic energy

ATOMIC ENERGY RESEARCH

(see also subdivision under Germany, East)

Work of British scientists in the field of nuclear power engineering. Atom.energ. 13 no.4:390-391 O '62.

ATOMIC MASS

Masses of lutecium, ytterbium, and thulium isotopes. R.A.Demirkhanov, V.V.Dorokhov, M.I.Dzkuin. Dokl. AN SSSR 146 no.1:72-74 S '62.

ATOMIC NUCLEI see Nuclei, atomic

ATOMIC SUBMARINES

(see also subdivision under United States)

Gerasimov, V.N., and V.F.Droblenkov. [Submarine boats of imperialist countries] Podvodnye lodki imperialisticheskikh gosudarstv. Izd.2., dop. Moskva, Voenizdat, 1962. 301 p. (Ofitseru VMF)

ATOMIC THEORY

Allowing for mutual exchange in adiabatic approximations in atomic theory [with summary in English]. M.G. Veselov, L.N.Labzovskii. Vest.LGU 17 no.16.30-35 '62.

The principle of combination in the atomic theory of Lomonosov. I.IA.Lolfman. Nauch.dokl.vys.shkoly, filos. nauki 3 no.1:89-93 '62.

ATOMIC WARFARE

"The legacy of Hiroshima" [in English] by Edward Teller, Allen Brown. Reviewed by M.Mil'shtein. Mir.ekon.i mezhdunar.otn. no.10 137-141 O '62.

ATOMIC WEAPONS—TESTING

High-altitude atomic explosions; disturbances in the ionosphere and space surrounding the earth. IA.L Al'pert. Priroda 51 no.8:3-13 Ag '62.

Science has proved that nuclear explosions can be detected wherever they take place. I.P.Pasechnik. Priroda 51 no.7:3-12 Jl '62

ATOMIC WEAPONS AND DISARMAMENT

An appeal to reason. Sovremennik. Nov.vrem. 20 no.11:3-4 O '62.

"The hard way to peace. A new strategy" [in English] by Amitai Etzioni. Reviewed by M.Kobrin. Mezhdunar.zhizn' 9 no.10,127-129 O '62.

"The hard way to peace" [in English] by Amitai Etzioni. Reviewed by I.Glagolev. Mir.ekon.i mezhdunar.otn. no.10:142-141 O '62.

ATOMIC WEIGHTS

The atomic weight scale $C^{12}=12$ and new tables of atomic weights of elements and nuclidic masses. V.A.Kravtsov. Usp.fiz.nauk 78 no.1:65-92 S '62.

ATROPHY, MUSCULAR

Remittent course in neuralgic amyotrophy [with summary in French]. R.M Shagarina. Och.klin.nevr. no.1: 79-80 '62.

Scapulo-peroneal form of progressive muscular atrophy [with summary in French]. S.N.Davidenkov, L.V. Degel'. Och.klin.nevr. no.1:5-22 '62

ATROPINE

Recent data on the classification of cholinergic structures. S.L.Levin. Dokl.AN SSSR 146 no.1:250-253 S '62.

ATTACK AND DEFENSE (MILITARY SCIENCE)

By day and by night. V.Gzhel'skii. Sov.voin 41 no.19: 21-25 O '62.

AUDIO-VISUAL EDUCATION

New aids in the educational process. S.I Arkhangel'skii. Vest.vys.shkoly 20 no.8 13-20 Ag '62.

AUDITING AND INSPECTION

(see also subdivision under Kishinev, Leningrad, Moscow; Rostov-on-Don; Tula Province)

Latysheva, A.V. [Controlling the carrying out of work by the factory and plant local committee] Proverka ispolneniia v rabote fabzavmestkoma. [Moskva] Profizdat, 1962. 62 p. (Bibliotechka profsoiuznogo aktivista, no.17(41))

State Bank's business and people. A.Belova, N.Logvinenko. Den.i kred. 20 no.9:41-50 S '62.

AUSTRALIA—THEATER

Thirty years of the New Theater. N.S Teatr 24 no.8 191-192 Ag '62.

AUSTRALIA—URANIUM ORES

Search for uranium in Australia (from "Ninth Annual Report, 1960-61." Australian Atomic Energy Commission, 1962). Atom.energ. 13 no.4:401-403 O '62.

AUSTRALIAN ART see Art, Australian

AUSTRIA—REFRACTORY MATERIALS

In Austrian refractory plants. D.I.Gavrish, A.P.Larin, A.A.Strofilov. Ogneupory 27 no.8:381-386 '62.

AUSTRIA—RELATIONS (GENERAL) WITH RUSSIA

Unforgettable impressions. G.Pichler and others. Avt. transp. 40 no.9:12-13 S '62.

AUTHORS

(see also subdivision under Czechoslovakia)

Letters written to young writers, from the archives of A.M.Gor'kii. M.Gor'kii. Vop.lit. 6 no.9:159-170 S '62.

Young writers speak of themselves. Vasilii Aksenov and others. Vop.lit. 6 no.9:117-158 S '62.

AUTHORS—CORRESPONDENCE, REMINISCENCES, ETC.

Pushkin, A.S. [On literature] O literature. Moskva, Goslitizdat, 1962. 580 p.

Stepun, F.A. [Encounters; Dostoevskii, L.Tolstoi, Bunin, Zaitsev, V.Ivanov, Belyi, Leonov] Vstrechi; Dostoevskii, L Tolstoi, Bunin, Zaitsev, V. Ivanov, Belyi, Leonov. Munich, T-vo zarubezhnykh pisatelei, 1962. 202 p.

Tolstoi, L.N. [Correspondence with Russian writers] Perepiska s russkimi pisateliami. Moskva, Goslitizdat, 1962. 716 p.

AUTHORS—PORTRAITS

Akademiia nauk SSSR. Institut russkoi literatury. [A description of the fine arts materials in the Pushkin House] Opisanie izobrazitel'nykh materialov Pushkinskogo Doma. Moskva, Izd-vo Akad. nauk SSSR.

Vol. 7. [V.G.Belinskii, A.I.Hertzen, N.P.Ogarev, N.G.Chernyshevskii, N.A.Dobroliubov] V.G.Belinskii, A.I.Gertsen, N.P.Ogarev, N.G.Chernyshevskii, N.A.Dobroliubov. 1962. 199 p.

AUTHORS, UKRAINIAN
[Literary portraits; critical and biographical studies] Literaturni portrety, krytyko-biografichni narysy. Kyiv, Radians'kyi pys'mennyk. Vols. 1-2. 1960.

AUTOCLAVES
Covers for autoclaves with hydraulic drive. S. M. Baraskaia, B. A. Skrievoi. Mekh. stroi. 19 no. 4:27 Ap '62.
Mesh-reinforced concretes covers for autoclaves. P. Biletskyi. Bud. mat. i konstr. 4 no. 2:58-59 Mr-Ap '62.

AUTOMATA see subdivision under United States

AUTOMATIC CONTROL
Akademiia nauk BSSR, Minsk. Instytut energetyki. [Automation, control, and increase in the efficiency of electric power systems] Avtomatizatsiia, kontrol' i povyshenie ekonomichnosti energoustanovok. Minsk, Izd-vo Akad. nauk BSSR, 1962. 202 p.
Akademiia nauk BSSR, Minsk. Institut mashynaznaustva. [Efficiency of automatic machinery] O proizvoditel'nosti avtomaticheskikh mashin. Minsk, Izd-vo Akad. nauk BSSR, 1962. 200 p.
Akhmetzianov, A. A. [Synchronous tracking systems of greater accuracy] Sinkhronno-slediashchie sistemy povyshennoi tochnosti. Moskva, Oborongiz, 1962. 211 p.
Always searching. A. Gulisev. Sov. shakht. 11 no. 9, 21 S '62.
Analysis of the operation of a c. automatic control system using equivalent d. c. transfer functions. V. K. Titov. Avtom. upr. i vych. tekh. no. 5:120-150 '62.
Approximate calculation of control-action relations in systems with combined control according to incomplete data on the system. V. G. Taushek. Trudy MAI no. 146, 71-91 '62.
Approximate study of some types of strongly nonlinear autonomous systems. V. V. Kazakevich. Avtom. upr. i vych. tekh. no. 5:365-442 '62.
"Assembly and operation of control and measuring instruments" by M. D. Kuzin. Reviewed by Iu. M. Bukl. Prom. energ. 17 no. 10:51 O '62.
Automated mortar plant. S. Savinov. Na stroi. Ros. 3 no. 4:35-39 Ap '62.
Automatic control in machining based on indirect measurement methods. Iu. A. Tolochkov. Priboro-stroenie no. 9:8-11 S '62.
Automatic control of continuous conveying systems. P. S. Bondarenko. Mekh. i avtom. proizv. 16 no. 9: 21-27 S '62.
Automatic control of electric power trucks [from "Factory," no. 1, 1961]. IA. E. Vol'fkovich. Prom. energ. 17 no. 10:39 O '62.
Automatic control of the working process of the SK-3 combine [with summary in English]. A. I. Sturin. Izv. TSKHA no. 3:110-124 '62.
Automatic device for the recognition of spoken command signals. A. Kakuadze. Tekh. mol. 30 no. 9:6-7 '62.
Automatic feeding of asbestos. S. G. Kutikov. Stroi. mat. 8 no. 9:24-25 Ag '62.
Automatic hydrostatic regulator of the density of suspensions and pulps. IA. S. Golub, I. L. Fradkin. Ugol' 37 no. 8:48-49 Ag '62.
Automatic stopping of reversing mills. E. G. Skuratov. Mekh. i avtom. proizv. 16 no. 8:21-22 Ag '62.
Automatic switching off of a rotary bucket excavator in overloading a stacker conveyor belt. A. M. Vydyborets. Gor. zhur. no. 9:76 S '62.
Automatic temperature control and gas cut-off on runner brick and stopping device driers. V. A. Lishev, G. I. Aldushchenko. Met. i gornorud. prom. no. 4:76-77
...draulic pumps and limiting of ...tsvigneev. Prom. energ. 17
...I. A. Kh. Galeev. Ugol' 37
...achines. M. L. Leanitskii. 16 no. 9:6-11 S '62.
...ering of perpendiculars of a ...ek. i ker. 19 no. 8:42 Ag '62.
V. Liambakh. [Equipment for the ...dimensions of rolled products] ...go kontrolia razmerov prokata, ...t, 1962. 111 p. (Biblioteka po
...sonant electric network with two ...mmary in English]. I. F. Borodin. ...33 '62.
...r a combination control system. ...I no. 148:92-104 '62.
...requency and control network of ...se reversive system with d. c. ...o. Elektrichestvo no. 9:45-53
...s article "Relay control of linear- ...r, I. Teverovskii. Avtom. i telem. 2,
...of nonlinear automatic control ...tem [with summary in English]. Avtom. i telem. 23 no. 7:
Concerning the stability of some systems with distributed and lumped parameters [with summary in English]. I. A. Bilin. Avtom. i telem. 23 no. 7:863-871 Jl '62.
Conference on the mechanization and automation of ventilation in coal and ore mines. V. F. Balanovskii. Ugol' 37 no. 9:59-60 S '62.
Controller with intermediate coding. B. I. Kopylov, B. A. Kuvshinnikov. Avtom. i telem., sbor. st. no. 2 28-33 '62.
Determination of the optimal transfer function of a dynamic system with finite memory. M. P. Genin. Avtom. upr. i vych. tekh. no. 5 55-87 '62.
Determining periodic conditions in controlled systems with ambiguous nonlinearities. E. I. Baranchuk. Izv. vys. ucheb. zav.; prib. 5 no. 4:47-53 '62.
Digital tracking systems using ferrite and transistor cells. P. S. Kavun and others. Avtom. upr. i vych. tekh. no. 5, 231-291 '62.
Discrete analog of Dirac δ-function [with summary in English]. P. D. Krut'ko. Avtom. i telem. 23 no. 7 935-946 Jl '62.
Electrohydraulic voltage regulators on arc furnaces for the manufacture of ferroalloys. A. I. Sapko and others. Met. i gornorud. prom. no. 4:19-25 Jl-Ag '62.
Experience in the mechanization and automation of a plant producing reinforced concrete elements. A. Zamoshchik. Na stroi. Ros. 3 no. 4:20-21 Ap '62.
Experimental system for the control of the 67-2SP boiler and K-50-90 turbine block by means of a control computer. V. M. Rushchinskii and others. Teploenergetika 9 no. 10:32-35 O '62.
Imaginary frequency characteristics and their application to the synthesis of the parameters of dynamic linear systems [with summary in English]. I. A. Orurk. Avtom. i telem. 23 no. 7:890-900 Jl '62.
Is there a need for warp hangers in automatic weaving? E. E. Balnev and others. Tekst. prom. 22 no. 9:37-38 S '62.
Karpov, F. F., and V. N. Kozlov. [Simple automatic control networks] Prosteishie skhemy avtomatizatsii. Moskva, Gosenergoizdat, 1962. 47 p. (Biblioteka elektromontera, no. 67)
Krechetovich, N. N. [Automatic and remote control] Avtomatika i telemekhanika. Minsk, Izd-vo M-va vysshego, srednego spetsial'nogo i professional'nogo obrazovaniia BSSR, 1962. 233 p.
Limitation of the transient process of a nonlinear system of automatic control [with summary in English]. Liu IAn'-chzhun [Liu Yen-chu]. Vest. Mosk. un. Ser. 1: Mat., mekh. 17 no. 5:54-59 S-O '62.
Mechanization and automation in the Inta mines. G. A. Levashov. Ugol' 37 no. 9:8-10 S '62.
Mechanization and automation of dump car cleaning to control the freezing of ore and rock. M. E. Fel'dman. Izv. vys. uch. zav.; gor. zhur. 5 no. 6:150-155 '62.
Mechanization and automation of processes in the manufacture of basic sectional joints. Z. IU. Levit, V. M. Mitin. Priborostroenie no. 9:27-30 S '62.
Method with a high quality factor requirment for realizing automatic control systems [with summary in English]. S. V. Korotkov, V. A. Minsnikov. Avtom. i telem. 23 no. 7:938-942 Jl '62.
Methods for calculating the probability characteristics of nonlinear automatic control systems. V. I. Cheremetskii. Avtom. upr. i vych. tekh. no. 5:5-54 '62.
Multibucket trench excavator. V. P. Uspenskii, N. V. Karev, A. I. Sergeev. Gor. zhur. no. 9:58 S '62.
Oil-filled speed relay. V. D. Maiorov. Mekh. i avtom. proizv. 16 no. 8:27-28 Ag '62.
Optimal processes in discrete-type joint control systems [with summary in English]. R. Gabasov. Avtom. i telem. 23 no. 7:872-880 Jl '62.
Problem concerning the operational accuracy of a converter of small linear displacements. A. E. Zverev. Avtom. upr. i vych. tekh. no. 5:350-384 '62.
Raise the mechanization and automation of construction to the level of modern technology. N. G. Dombrovskii. Mekh. stroi. 19 no. 9:2-5 S '62.
Reaction of a system for regulating the power of a fast neutron reactor on the discontinuity of reactivity. D. A. Kuvshinnikov. Avtom. i telem., sbor. st. no. 2, 5-15 '62.
Redesigning the system of "reverse" water supply with automatic control. M. P. Suslov. Ved. i san. tekh. no. 8:21-22 Ag '62.
Reproduction of homogeneous functions of two variables [with summary in English]. I. V. Dem'ianchuk. Avtom. i telem. 23 no. 7:943-955 Jl '62.
Selecting the method of weft feeding to the automatic linen looms. A. N. Vasil'ev. Tekst. prom. 22 no. 9:38-41 S '62.
Selection of the actuating motor and the ratio of reducing gear for a follow-up system. B. L. Petrov. Trudy MAI no. 116:56-70 '62.
Soliverstov, V. M., and K. T. Vitiuk. [Automatic control of marine auxiliary and waste heat boilers] Avtomaticheskoe regulirovanie sudovykh vspomogatel'nykh i utilizatsionnykh kotlov. Pod red. S. A. Antonovicha. Leningrad, Izd-vo "Rechnoi transport," 1962. 127 p.
Single-engine electric drive with an alternating-current commutator motor for printing machinery. K. V. Urnov. Nauch. trudy MPI no. 14:80-96 '61.
Some correlations for the transfer functions of systems with variable parameters and their applications [with summary in English]. B. E. Rudnitskii. Avtom. i telem. 23 no. 7:881-889 Jl '62.
Some problems concerning optimalizing systems. P. I. Chinaev. Avtom. upr. i vych. tekh. no. 5 88-119 '62.
Some problems in the theory of optimum control. F. M. Kirillova. Izv. vys. ucheb. zav., mat. no. 3 48-58 '62.
Some special features of using digital computing techniques in the solution of statistical problems. IU. S. Val'denberg, V. L. Lenskii. Avtom. upr. i vych. tekh. no. 5 203-230 '62.
Stability of single stage automatic control systems composed of aperiodic circuits. L. G. Sobolev. Trudy TSNIIMF no. 38 70-80 '61.
Standard hoisting mechanisms for gates of hydraulic structures. T. I. Mamyshev, K. I. Chelnokova, T. Kh. Karimov. Gidr. i mel. 14 no. 6:19-20 Je '62.
Starikova, M. V. [Self-oscillations and slippage conditions in automatic regulation and control systems] Avtokolebaniia i skol'zianshchii rezhim v sistemakh avtomaticheskogo regulirovaniia i upravleniia. Pod red. B. N. Petrova. Moskva, Mashgiz, 1962. 194 p.
Statistical description of systems [with summary in English]. IU. P. Leonov. Avtom. i telem. 23 no. 7: 991-999 Jl '62.
Statistical method and apparatus for determining the dynamic characteristics of control objects. V. V. Solodovnikov, P. S. Matveev, V. M. Baburin. Avtom. upr. i vych. tekh. no. 5 151-202 '62.
Statistical method for determining unknown multidimensional operators of automatic control objects in almost linear approximation [with summary in English]. S. IA. Raevskii, N. S. Raibman. Avtom. i telem. 23 no. 7, 916-925 Jl '62.
Structural stability of single-loop control systems with time delay [with summary in English]. E. S. Platnitskii. Avtom. i telem. 23 no. 7:952-962 Jl '62.
Study of electromechanical processes in a pulse-type drive with a step-by-step motor [with summary in English]. V. M. Kolesnikov. Avtom. i telem. 23 no. 7: 956-970 Jl '62.
Study of pulse-type optimalizing systems with extremum drift [with summary in English]. V. M. Kuntsevich. Avtom. i telem. 23 no. 7:971-984 Jl '62.
A sufficient stability criterion for nonlinear systems of automatic control. K. Mansurov. Izv. AN Kazakh SSR. Ser. mat. i mekh. no. 10 60-69 '62.
Theory of optimal control. Adequate coordinates [with summary in English]. R. L. Stratonovich. Avtom. i telem. 23 no. 7:910-917 Jl '62.
Theory of the follow-up problem. L. S. Gnoenskii. Prikl. mat. i mekh. 26 no. 5:960-965 S-O '62.
Ukrainian Conference on Industrial and Automatic Control Devices. IU. M. Bukl. Priborostroenie no. 9:32 S '62.
Use of chromatographs in chemico-technological process control. V. V. Aronovich, A. IA. Galitskii, K. V. Zaverikin. Khim. prom. no. 8, 576-580 Ag '62.
Using optimalizing blast control in cupola process. V. IA. Soltyk. Mashinostroenie no. 4:52-56 Jl-Ag '62.
Vasilevskii, M. N., E. S. Traube, and K. G. Veisberg. [Automatic control of mine hoists with asynchronous drive] Avtomatizatsiia shakhtnykh pod"emnykh mashin s asinkhronnym privodom. Moskva, Gosgortekhizdat, 1962. 237 p.
Ways of achieving automatic control of electric locomotives in mine haulage. B. S. Belovidov. Izv. vys. uch. zav.; gor. zhur. 5 no. 6:102-105 '62.

AUTOMATIC CONTROL—DICTIONARIES
Bunin, D. A., and A. A. Shubin, comps. [Concise German-Russian dictionary on automatic and remote control] Kratkii nemetsko-russkii slovar' po avtomatike i telemekhanike. Moskva, Glav. red. inostr. nauchno-tekhn. slovarei Fizmatgiz, 1962. 531 p.

AUTOMATIC CONTROL—EQUIPMENT AND SUPPLIES
Effect of temperature and power supply voltage on the operational parameters of a noncontact-type transistorized position indicator [with summary in English]. N. I. Preobrazhenskii, G. T. Kleinman. Izv. TSKHA no. 3:206-213 '62.

AUTOMATIC PILOT (AIRPLANES)
Stability of a flying platform with an automatic pilot under hanging conditions. E. A. Kuklev. Izv. vys. ucheb. zav.; av. tekh. 5 no. 3:34-45 '62.

AUTOMATION
(see also subdivision under Aktyubinsk; Leningrad Economic region)
Automatic laying-out of rolled stock. V. I. Loskutov. Mekh. i avtom. proizv. 16 no. 9:13-17 S '62.
Automatic slagging-off from ladles. P. I. Akinin, IA. P. Gindis, I. I. Khromykh. Mekh. i avtom. proizv. 16 no. 9:20 S '62.
Automatic transfer-machine line for machining plates of bushed-roller chains. B. P. Boris. Mekh. i avtom. proizv. 16 no. 9:1-6 S '62.
Automatic weighing of cast iron. G. G. Brenko and others. Mekh. i avtom. proizv. 16 no. 9:17-19 S '62.
Automation and its social consequences under socialism and capitalism. N. Naumova. Otv. na vop. trud. no. 6: 18-26 '62.

AUTOMATION (Continued)

Automation at a sintering plant. E P Lyskov. Metallurg 7 no.10;18-21 O '62.

Automation of a seven-roll straightener. G.P.Korotkii, I.S. Filonenko. Mekh.i avtom.proizv. 16 no.8,11-13 S '62.

Basic problems in building automated trawlers. G.B. Terent'ev, L.A.Grinf Ryb.khoz. 38 no.7:32-35 '62.

Chelliustkin, A.B., and D.IA. Libenson. [Automation for our plants] Avtomatika dlia nashikh zavodov. Moskva, Izd-vo "Znanie," 1962. 30 p. (Novoe v zhizni, nauke, tekhnike. IV Seriia. Tekhnika, no 13)

Economic efficiency in the design of automatic production systems. L.V.Bartashev. Mashinostroenie no.4:100-104 Jl-Ag '62.

Filippov, V.V., V.IA. Shekhter, and V.I. Olenev. [Fully and semiautomated sheet metal working lines] Avtomaticheskie i avtomatizirovannye kholodnoshtampovochnye linii. Pod obshchei red. V.P.Romanovskogo. Moskva, Mashgiz, 1962. 81 p. (Bibliotechka shtampovshchika, no.1)

[MICROFILM]

For a high degree of automation. Metallurg 7 no.8:30 Ag '62.

Important trend in the improvement of production. S.Mitrofanov. Sots.trud 7 no.9:27-33 S '62.

In the State Committee on Automation and Machinery Manufacture of the Council of Ministers of the U.S.S.R. Mekh.i avtom.proizv. 16 no.8:54 Ag '62.

Lobzov, B.A. [Modern means and methods for the automation of assembling operations; verbatim report of a lecture] Sovremennye sredstva i metody avtomatizatsii sborochnykh rabot, stenogramma lektsii. Leningrad, 1962. 32 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Seriia Mekhanicheskaia obrabotka metallov)

Mechanization and automation of auxiliary operations in drilling holes. L.P Sammel'. Mekh.i avtom.proizv 16 no.6:8-9 Ag '62.

Methods for studying the process of the automation of Soviet industry. A.B Mnushkin. Nauch.dokl.vys. shkoly, filos.nauki 5 no.3:127-130 '62.

Moskovskii dom nauchno-tekhnicheskoi propagandy imeni F.E.Dzerzhinskogo. [Over-all mechanization and automation of hoisting and conveying operations in the machinery industry] Kompleksnaia mekhanizatsiia i avtomatizatsiia pod"emno-transportnykh rabot v mashinostroenii. Pod red. I.P.Kruttkova. Moskva, Mashgiz, 1962. 260 p.

Nepomniashchii, I.L. [Mechanization and automation at coke chemical plants] Mekhanizatsiia i avtomatizatsiia na koksokhimicheskom zavode. Moskva, Metallurgizdat, 1962. 213 p.

Pinenzhik, A.M. [Automation of universal machine tools] Avtomatizatsiia universal'nykh metallorezhushchikh stankov. Pod red. A.F.Drobinina. Moskva, Mashgiz, 1961. 43 p. (Nauchno-populiarnaia biblioteka rabochego-stanochnika, no.29)

Poliakova, S.K. [Without manual work] Bez ruchnogo truda. Moskva, Gospolitizdat, 1962. 54 p. (V pomoshch' izuchaiushchim materialy XXII s"ezda KPSS)

Practice in calculating the efficiency of the mechanization and automation of production processes in the machinery industry. A.S. Konson Mekh.i avtom.proizv. 16 no.8:40-43 Ag '62.

Rakovskii, M.E. [Top priority] Napravlenie nomer odin. Pod obshchei red. A.B.Rodova. Moskva, Izd-vo "Znanie," 1962. 47 p. (Narodnyi universitet kul'tury Tekhniko-ekonomicheskii fakul'tet, no.7)

A scientific technical conference on the automation of drying processes. M.Lykov. Vest.sel'khoz.nauki 7 no.8:154 Ag '62.

Shavliuga, N.I. [Mechanization and automation of gear-cutting operations] Mekhanizatsiia i avtomatizatsiia v zuboreznom dele. Pod obshchei red. N.I. Kolchina. Izd.2, Moskva, Mashgiz, 1962. 91 p. (Bibliotechka zuboreza, no.8)

Some problems in the application of calculating machines for the automation of industrial processes. E.L. Urman. Prom. energ. 17 no.10:1-5 O '62.

Taking the automation of technological processes into account in planning M. Babaian. Prom. Arm. 5 no.9: 25-26 S '62.

Timokhin, N.A. [Manufacture of hide glue; new techniques, overall mechanization, and automation of production] Proizvodstvo mezdrovogo kleia; novaia tekhnologiia, kompleksnaia mekhanizatsiia i avtomatizatsiia proizvodstva. Moskva, Rostekhizdat, 1962. 147 p.

Using computers in the automation of production processes. Mekh.i avtom.proizv. 16 no.9:56-58 S '62.

Vainraub, I.IU. [Mechanization and automation of stitching and binding operations; mechanization of manual operations and flow of materials, automation of equipment] Mekhanizatsiia i avtomatizatsiia brozhiurovochno-perepletnykh protsessov; mekhanizatsiia ruchnykh operatsii i gruzopotokov, avtomatizatsiia oborudovaniia. Moskva, Iskusstvo, 1962. 262 p.

AUTOMATION—BIBLIOGRAPHY see Bibliography—Automation

AUTOMOBILE DRIVERS see subdivision under Bel'tsy

AUTOMOBILE DRIVERS—EDUCATION AND TRAINING

Razumkov, D.V., and V.M. Semenov. [Exercises in traffic regulations] Uprazhnenila po pravilam ulichnogo dvizhenila avtomototransporta. Moskva, Profizdat, 1962. 127 p.

AUTOMOBILE ENGINEERING—STUDY AND TEACHING

Lessons started in technical schools. G. Gorev. Avt. transp. 40 no.9 50-51 S '62.

Manual training is the most important factor. I Ol'shanskii. Avt.transp. 40 no.9:49-50 S '62.

AUTOMOBILE ENGINEERING—TECHNOLOGICAL INNOVATIONS

Russian inventions in the field of construction and manufacture of motor vehicles introduced in the automobile industry. Avt.prom. 28 no.10 44 O '62.

AUTOMOBILE INDUSTRY see subdivision under Gorkiy, Moscow

AUTOMOBILE INDUSTRY—HYGIENIC ASPECTS see subdivision under Moscow

AUTOMOBILE RACING
(see also subdivision under Baskunchak Lake region; Caucasus)

If you have given your word, keep it; if you have given your pledge, carry it out. Za rul. 20 no.9,6-8 S '62.

New norms for records. A.Sterpul. Za rul. 20 no.9 10 S '62.

Raise higher the banner of Soviet automobile and motorcycle racing. A.Skvortsov. Za rul. 20 no.9:2-5 S '62.

"Zaporozhets" has been included in the classification. V.Berezkin. Za rul. 20 no.9 10 S '62.

AUTOMOBILE RACING—SOCIETIES, ETC.

Organizing the Federation of Automobile Racing in the U.S.S.R. Avt.transp. 40 no.9:59 S '62.

AUTOMOBILES

Bespalko, V.P. [Handbook on mechanical engineering; automobile. Textbook for students] Rukovodstvo po mashinovedeniiu; avtomobil'. Posobie dlia uchashchikhsia. Izd.4. Moskva, Gos. uchebno-pedagog. izd-vo, 1960. 1 v. (TNJ)

Rovinskii, G.N. [Stamping large parts for the automobile industry] Shtampovka krupnogabaritnykh detalei avtomobil'noi promyshlennosti. Pod obshchei red. V.P.Romanovskogo. Moskva, Mashgiz, 1962. 73 p. (Bibliotechka shtampovshchika, no.5)

AUTOMOBILES—AIR CONDITIONING

Air conditioning in automobiles. R.Grakhovskii. Za rul. 20 no.9:16-17 S '62.

AUTOMOBILES—DESIGN AND CONSTRUCTION

Prospective types of automobiles. R.I. Smolinskii. Avt. prom. 28 no.10:5-8 O '62.

AUTOMOBILES—ELECTRIC EQUIPMENT

Russia (1923- U.S.S.R.) Gosudarstvennyi komitet po koordinatsii nauchno-issledovatel'skikh rabot. [Electric equipment and instruments for automobiles and tractors; reference catalog] Avtotraktornoe elektro-oborudovanie i pribory, katalog-spravochnik. Moskva, TsINTIMASH.
Pt.2. 1962. 378 p.

AUTOMOBILES—ENGINES

Building up valve pushers of automobile engines with alloyed cast iron. E.N.Gulida, E.S.Borodin. Mashinostroenie no.4:86-88 Jl-Ag '62.

AUTOMOBILES—ENGINES (COMPRESSED GAS)

Hydraulic resistance of the annular combustion chamber of gas-turbine engines with a draught turn. A.S.Shteinberg. Avt.prom. 28 no.10:6-9 O '62.

AUTOMOBILES—EQUIPMENT AND SUPPLIES

Automatic regulators of the position of a body with pneumatic suspension. A.M.Gorelik, IA.M.Pevzner. Avt. prom. 28 no.10:18-21 O '62.

AUTOMOBILES—FUEL SYSTEMS

New method for plotting the regulation characteristics curve according to the composition of the mixture. IU.A.Popov. Avt.prom. 28 no.10:10-13 O '62.

AUTOMOBILES—LUBRICATION

Requirements of gasolines and oils under rigorous winter conditions. A.Pokrovskii. Avt.transp. 40 no.9:19-21 S '62.

AUTOMOBILES—MAINTENANCE AND REPAIR

Donskoi, D.I., and G.N. Sarkhoshian. [Repair of the engine of the M-21 "Volga" automobile] Remont dvigatelia avtomobilia M-21 "Volga." Moskva, Avtotransizdat, 1962. 163 p.

Rostoshinskii, M.S. [Semiautomatic welding in an atmosphere of carbon dioxide in the repair of automobiles] Poluavtomaticheskaia svarka v uglekislom gaze pri remonte avtomobilei. Moskva, Avtotransizdat, 1962. 32 p.

AUTOMOBILES—MODELS

Start of automobile-model makers. IU.Bekhterev, S.Plokhov. Za rul. 20 no.9 26-28 S '62.

AUTOMOBILES—ROAD GUIDES
(see also subdivision under Moscow)

[On a sunny highway; concise manual and guidebook for the Moscow - Yalta automobile route] Na solnechnoi magistrali; kratkii spravochnik-putevoditel' po avtotrasse Moskva - IAlta. [Belgorod] Belgorodskoe knizhnoe izd-vo, 1962. 114 p.

AUTOMORPHIC FUNCTIONS see Functions, Automorphic

AUTONOMIC DRUGS

Dynamics and energy of the heart following the use of neuroplegic and antihistaminic preparations, report No.1 [with summary in English]. G.IA.Gebel'. Kardiologiia 2 no.4 18-27 Jl-Ag '62.

AUTOPHYLLITES see subdivision under Altai Mountains; Karaganda Basin

AUTOPSY

Chromatographic isolation of morphine in the forensic chemical study of cadaveric material. I.M Vlasenko Sud.med.ekspert. 5 no.3:30-43 Jl-S '62.

AUTUMN
(see also subdivision under Tatar A.S.S.R., White Russia)

How rural kindergartens familiarize children with nature in the fall. I.Bancharenko Nar.obr no.9: 73-80 S '62.

AVALANCHES
(see also subdivision under Soviet Central Asia)

Kozik, S.M. [Calculation of the movement of avalanches] Raschet dvizhenila snezhnykh lavin. Pod red. P.M. Mashukova. Leningrad, Gidrometeoizdat, 1962. 74 p.

AVERAGE

On the form of average for determining the amortization time of capital assets. V.Antsimov. Vest.stat no.9: 35-50 '62.

AVIATION MEDICINE

Sergeev, A.A. [Essays on the history of aviation medicine] Ocherki po istorii aviatsionnoi meditsiny. Otvet. red. A.P.Popov. Moskva, Izd-vo Akad. nauk SSSR, 1962. 297 p.

AXINITE see subdivision under Gornaya Shoriya

AZERBAIJAN—ALFALFA BREEDING

Achievements of the Department of Botany and Plant Breeding of the Azerbaijan Agricultural Institute in the field of alfalfa breeding. A.M. Kuliev, G.D. Aslanov. Izv. AN Azerb. SSR, Ser. biol. i med. nauk no.3: 47-60 '62.

AZERBAIJAN—ARCHAEOLOGY

The development of archaeological studies in the Azerbaijan S.S.R. during the Soviet regime. T.A Bunlatov. Vop.ist. no.9:150-156 S '62.

AZERBAIJAN—AUXILIARY POLICE

The guardians of law and order. V.Bogatov. Komsom. zhizn' no.15:21-23 Ag '62.

AZERBAIJAN—BANKS AND BANKING

Our suggestions. B.Zlotin. Fin.SSSR 23 no.9:70-71 S '62.

AZERBAIJAN—BATHS, MOOR AND MUD

Dashgil' mud volcano, a source of medicinal mud. A.A. Kadyrov, F.M.Efendieva. Izv. AN Azerb. SSR. Ser. biol. i med. nauk no.3:131-136 '62.

AZERBAIJAN—BINDWEED

Ecologic anatomy of field bindweed (Convolvulus arvensis L.). A.M.Gasanov. Izv.AN Azerb. SSR.Ser.biol.i med.nauk no.5 9-16 '62.

AZERBAIJAN—BIOLOGICAL SOCIETIES

Account of the work of the Azerbaijani Scientific Society of Anatomists, Histologists and Embryologists. K.A. Balakishiev Arkh.anat., gist.i embr. 43 no.7:124-127 Jl '62.

AZERBAIJAN—CALVES—DISEASES AND PESTS

Bacteriological characteristics of the serologic types of coliform bacteria found in calves with colibacillosis in Azerbaijan. M.R. Abbas Agdam Alamdari (Agdami). Izv.AN Azerb. SSR.Ser.biol.i med.nauk no.5:107-113 '62.

AZERBAIJAN—CONSERVATION OF NATURAL RESOURCES

A conservationist. Orest Mal'tsev. Sov.deput.trud. no.10:83-86 O '62.

AZERBAIJAN—CONSTRUCTION INDUSTRY

New developments in the supervision of the construction industry in Azerbaijan. Biul.stroi.tekh. 19 no.3:44-45 Mr '62.

AZERBAIJAN—CONSTRUCTION INDUSTRY—AUDITING AND INSPECTION

Our suggestions. B.Zlotin. Fin.SSSR 23 no.9:70-71 S '62.

AZERBAIJAN—CORK TREE

Growth of the cork layer on a cork oak. A. P. Bandin Izv. AN Azerb. SSR, Ser. biol. i med. nauk no. 3, 3-6 '62.

AZERBAIJAN—EROSION

Development of the hydraulic erosion of gullies in western Azerbaijan. M. A. Muselbov. Uch. zap. AGU, Geol.-geog. ser. no. 6 91-101 '59.

AZERBAIJAN—ESCHERICHIA COLI

Bacteriological characteristics of the serologic types of coliform bacteria found in calves with colibacillosis in Azerbaijan. M. R. Abbas Agdam Alamdari (Agdami). Izv. AN Azerb. SSR Ser., biol. i med. nauk no. 5, 107-113 '62.

AZERBAIJAN—FIELD WORK (EDUCATIONAL METHOD)

Organization history of geographical field trips in the Azerbaijan schools. N. Allakhverdiev. Uch. zap. AGU Geol.-geog. ser. no. 4 69-76 '60.

AZERBAIJAN—FLEAS AS CARRIERS OF DISEASE

Study of the yearly cycle of the gerbil flea Xenopsylla conformis Wagn. in Azerbaijan. N. F. Daniskin, N. N. Bakeev, K. P. Kudaiskaia. Med. parazit. i parazit. bol. no. 3, 312-316 '62.

AZERBAIJAN—GEOLOGY, STRUCTURAL

Salients of Mesozoic rocks in the piedmont zone of the southern slope of the Greater Caucasus. Report 1. F. S. Akhmedbeili. Uch. zap. AGU, Geol.-geog. ser. no. 4, 27-36 '60.

AZERBAIJAN—HERRING FISHERIES

Recent developments in organizing the work of packing herring into containers. A. Andreev, D. Gutkin. Ryb. khoz. 38 no. 7, 71-77 '62.

AZERBAIJAN—HISTORICAL RESEARCH

Some results of and prospects for the work of the Institute of History of the Academy of Sciences of the Azerbaijan S. S. R. R. A. Guseinov, M. A. Ismailov, P. A. Tokmazhevskii. Ist. SSSR 6 no. 5, 238-241 S-O '62.

AZERBAIJAN—HISTORY—SOURCES

Azizbekova, P. A., comp. [Letters of Azerbaijan workers to V. I. Lenin, 1920-1924] Pis'ma trudiashchikhsia Azerbaidzhana V. I. Leninu, 1920-1924 gg. Baku, Izd-vo Akad. nauk Azerbaidzhanskoi SSR, 1962. 535 p.

AZERBAIJAN—JERUSALEM ARTICHOKE

Culture of Jerusalem artichoke in Azerbaijan. M. A. Ragimov. Izv. AN Azerb. SSR, Ser. biol. i med. nauk no. 5, 17-22 '62.

AZERBAIJAN—LANDSLIDES

Landslides of the southern slope of the Lesser Caucasus (Azerbaijan) [in Azerbaijani with summary in Russian] N. K. Kerimov. Uch. zap. AGU Geol.-geog. ser. no. 4, 77-89 '59.

AZERBAIJAN—MOHAMMEDANISM—EDUCATION

Mohammedan elementary schools in Azerbaijan from the 1830's to the 1850's. N. A. Tahirzade. Izv. AN Azerb. SSR, Ser. obshchestv. nauk. no. 11, 13-57 '61.

AZERBAIJAN—MOTION-PICTURE PLAYS

Mekhriban finds happiness. B. Dobrodeev. Iskusstvo kino no. 9, 30-33 S '62.

AZERBAIJAN—OAK, FOSSIL

Imprints of fossil oak leaves from Oligocene sediments in the northeastern piedmonts of the Lesser Caucasus (Azerbaijan). G. M. Kasumova. Uch. zap. AGU, Geol.-geog. ser. no. 6, 19-30 '59.

AZERBAIJAN—PEASANTRY

Class struggle in Azerbaijani villages in the transitional period of the reconstruction of the national economy, [in Azerbaijani with summary in Russian]. O. G. Kudratov. Izv. AN Azerb. SSR, Ser. obshchestv. nauk. no. 2, 29-41 '61.

AZERBAIJAN—RAILROADS—FREIGHT

New developments in the organization of freight operations on the Azerbaijan Railroad. A. M. Bagirov. Zhel. dor. transp. 44 no. 9, 59-63 S '62.

AZERBAIJAN—REVOLUTION, 1917-1921

Class struggle in Azerbaijani villages in the transitional period of the reconstruction of the national economy [in Azerbaijani with summary in Russian]. O. G. Kudratov. Izv. AN Azerb. SSR, Ser. obshchestv. nauk. no. 11, 29-41 '61.

AZERBAIJAN—RIVERS

Hydrochemical characteristics of the rivers in the Lenkoran' area [in Azerbaijani with summary in Russian]. Kh. D. Zamanov, M. M. Gasanov, B. S. Dzhafarov. Uch. zap. AGU, Geol.-geog. ser. no. 6 31-40 '59.

AZERBAIJAN—RIVERS—MAPS

Maps of the density of the river system in the Azerbaijan S. S. R. R. Kh. Pirliev. Uch. zap. AGU, Geol.-geog. ser. no. 4, 95-100 '60.

AZERBAIJAN—ROCKS

Salients of Mesozoic rocks in the piedmont zone of the southern slope of the Greater Caucasus. Report 1. F. S. Akhmedbeili. Uch. zap. AGU Geol.-geog. ser. no. 1, 27-36 '60.

AZERBAIJAN—ROCKS, SEDIMENTARY

Bedding of the Akchagyl stage and red beds in the southwestern Turkmenia and their correlation with analogue sediments of some regions in Azerbaijan. S. Amanov. Uch. zap. AGU Geol.-geog. ser. no. 6, 51-59 '59.

Lithology of the Azerbaijan molasse formation. A. G. Aliev, V. P. Akkeva. Uch. zap. AGU, Geol.-geog. ser. no. 1, 17-26 '60.

AZERBAIJAN—SHEEP BREEDS

Morphologic characteristics of basic sheep breeds raised in Azerbaijan. B. A. Aliev. Izv. AN Azerb. SSR, Ser. biol. i med. nauk no. 3, 67-71 '62.

AZERBAIJAN—TEA—FERTILIZERS AND MANURES

Effect of mineral fertilizers on the quality of green tea leaves [in Azerbaijani with summary in Russian]. T. K. Radzhabova. Izv. AN Azerb. SSR, Ser. biol. i med. nauk no. 5, 45-49 '62.

AZERBAIJAN—TEA—VARIETIES

First results of testing Georgian improved tea varieties in the subtropical areas of Azerbaijan. M. A. Memedov. Agrobiologiia no. 4, 510-524 Jl-Ag '62.

AZERBAIJAN—TOBACCO—FERTILIZERS AND MANURES

Effect of farm manure and mineral fertilizers on the yield of commercial varieties and the smoking quality of tobacco in Azerbaijan [in Azerbaijani with summary in English]. P. B. Zamanov. Izv. AN Azerb. SSR, Ser. biol. i med. nauk no. 5, 51-57 '62.

AZERBAIJAN—TRANSPORTATION, AUTOMOTIVE

Duty of highway-transport workers of Azerbaijan. T. Bagirov. Avt. transp. 40 no. 9, 4-5 S '62.

AZERBAIJAN—WHEAT

Studying the progeny of soft wheat (Tr. aestivum L. var. Barbarossa) derived from durum wheat (Tr. durum Desf. var. Apulicum). F. D. Amirova. Izv. AN Azerb. SSR, Ser. biol. i med. nauk no. 3, 43-46 '62.

AZERBAIJANI LANGUAGE—DICTIONARIES—RUSSIAN

Akademiia nauk Azerbaidzhanskoi SSR, Baku. Institut literatury i iazyka. [Azerbaijani-Russian dictionary. 12,000 words] Azerbaidzhansko-russkii slovar'. 12,000 slov. Izd. 2., ispr. i dop. Baku, Izd-vo Akad. nauk Azerbaidzhanskoi SSR, 1962. 247 p.

AZERBAIJANI LANGUAGE—FOREIGN ELEMENTS

Traces of some Arabic consonants in the present-day Azerbaijani language [in Azerbaijani with summary in English]. M. A. Panakhi. Uch. zap. Inst. vost. AN Azerb. SSR 3, 27-38 '62.

AZERBAIJANI LANGUAGE—VERB

Sevortian, E. V. [Affixal verb formation in the Azerbaijani language, a comparative study] Affiksy glagoloobrazovaniia v azerbaidzhanskom iazyke; opyt sravnitel'nogo issledovaniia. Moskva, Izd-vo vostochnoi lit-ry, 1962. 642 p.

AZIMUTH

Comparison of azimuths of a normal section with those of the geodesic. V. N. Gamshin. Izv. vys. ucheb. zav.; geod. i aerof. no. 2, 9-12 '62.

Determining the geodetic azimuth from observations of the passage of stars through the meridian. A. M. Starostin. Trudy TSNIIGAIK no. 147, 35-65 '62.

AZO COMPOUNDS

Azodienoyls in diene synthesis. IU. S. Shabarov and others. Zhur. ob. khim. 32 no. 9, 2906-2909 S '62.

AZOV, SEA OF—WATER RESOURCES DEVELOPMENT

Seas of giants. B. Zubkov. IUn. nat. no. 8, 8-10 Ag '62.

AZOV DISTRICT (ROSTOV PROVINCE)—PARASITES—SWINE

Epizootiology of ascariasis in swine in Azov District, Rostov Province. S. A. Azhinov, E. E. Krivoshta. Trudy Rost. NIVS no. 12, 260-269 '60.

AZOV SEA REGION—ANTIQUITIES

A burial dating to the Hun period near Tanais. I. S. Kamenetskii, V. V. Kropotkin. Sov. arkheol. 6 no. 3, 235-240 '62.

AZOV SEA REGION—GEOLOGY

Composition and structure of the base of the Azov protrusion. M. F. Mikhnik and others. Dokl. AN SSSR 146 no. 1, 183-186 S '62.

AZOV SEA REGION—HYPERSTHENE

Hypersthenite of the Korsak-Mogila and Kamennaya Mogila in the western region of the Sea of Azov. IU. Ir. Polovinkina. Trudy VSEGEI 73, 217-225 '62.

AZOXY COMPOUNDS

Polarographic study of ortho-substituted azoxy compounds. Part 1. IU. I. Vainshtein and others. Zhur. ob. khim. 32 no. 9, 2777-2782 S '62.

AZYGOS VEIN—ABNORMITIES AND DEFORMITIES

X-ray characteristics of an accessory pulmonary lobe of the azygos vein (lobus azygos). A. IA. Loginova. Kaz. med. zhur. no. 3, 50-52 My-Je '62.

BACKACHE

Lumbar pains. V. E. Levi. Med. sestra 21 no. 9, 22-25 S '62.

BACKWARD CHILDREN see Handicapped children

BACTERIA

Informational RNA and regulating mechanisms of protein synthesis in bacteria, a review [with summary in English]. A. S. Spirin, V. N. Smirnov. Izv. AN SSSR, Ser. biol. 27 no. 4, 477-501 Jl-Ag '62.

Pekhov, A. P. [Electron microscopic investigation of bacteria and phages; submicroscopic anatomy] Elektronnomikroskopicheskoe issledovanie bakterii fagov; submikroskopicheskaia anatomiia. Moskva, Medgiz, 1962. 223 p.

BACTERIA, EFFECT OF DRUGS ON

Infectivity of the causative agent of enterotoxemia of sheep to the action of various chemicals. IU. B. Safarov. Izv. AN Azerb. SSR, Ser. biol. i med. nauk no. 5, 101-105 '62.

Sensitivity to antibiotics of the microflora from patients in Barnaul with suppurative and inflammatory processes [with summary in English]. A. F. Red'ko. Antibiotiki 7 no. 8, 733-735 Ag '62.

BACTERIA, PHOSPHORUS

Applying phosphorobacterin to leached Chernozem soils in Ciscaucasia. O. V. Enkina. Vest. sel'khoz. nauki 7 no. 6, 101-106 Je '62.

BACTERIA, SULFUR

Role of thiobacteria in the leaching of sulfide ores. V. I. Ivanov. Dokl. AN SSSR 146 no. 2, 447-449 S '62.

BACTERIOLOGY—CULTURES AND CULTURE MEDIA

Some growth requirements of Clostridium perfringens. I. S. Dimevich. Trudy MIEMG no. 5, 69-77 '62.

BACTERIOPHAGE

Pekhov, A. P. [Electron microscopic investigation of bacteria and phages; submicroscopic anatomy] Elektronnomikroskopicheskoe issledovanie bakterii fagov; submikroskopicheskaia anatomiia. Moskva, Medgiz, 1962. 223 p.

BACTRICIDES

Organic insecticides-fungicides. Part 67. Interaction of thio- and dithiophosphoric acid esters with higher aliphatic amines and fungicide and bactericide activity of reaction products. N. N. Melnikov and others. Zhur. ob. khim. 32 no. 9, 2858-2863 S '62.

BAD ELSTER—HEALTH RESORTS, WATERING PLACES, ETC

Survey of the activity of the Institut fur Kur- und Baderwesen of the German Democratic Republic at Bad Elster during 1960-1961. Ch. Jordan. Vop. kur., fizioter. i lech. fiz. kult. 27 no. 3, 263-265 My-Je '62.

BAGDASAROV, ANDREI ARKAD'EVICH, d. 1961

Andrei Arkad'evich Bagdasarov. Klin. med. no. 12, 140 '61.

BADKHYZ—PISTACHIO

Regeneration of pistachio by sprouts in Badkhyz. V. I. Kravchenko. Izv. AN Turk. SSR, Ser. biol. nauk no. 3, 79-81 '62.

BADKHYZ PRESERVE—FALCONS

Studying the postembryonic development of the lesser kestrel. A. N. Subbinin. Izv. AN Turk. SSR, Ser. biol. nauk no. 4, 84-86 '62.

BADKHYZ PRESERVE—WILDLIFE, CONSERVATION OF

Badkhyz. A. G. Bannikov. Priroda 51 no. 9, 93-100 S '62.

BAGHDAD—THEATER

"Uncle Vania" on the Iraqian stage. A. Khaba. Teatr 23 no. 8, 186-187 Ag '62.

BAGRATION, PETR IVANOVICH, 1765-1812

Famous general. Voen. znan. 38 no. 9, 10 S '62.

Suvorov's disciple and Kutuzov's friend. M. Petrakov. Belarus' 19 no. 9, 9 S '62.

BAIKAL LAKE REGION—EARTH MOVEMENTS

Micropulsations of the earth crust. V. V. Lamakin. Priroda 51 no. 7, 53-57 Jl '62.

BAIKAL LAKE REGION—GEOLOGY, STRATIGRAPHIC

Archean stratigraphy of the southwestern Lake Baikal region. IU. Z. Elizar'ev. Trudy VSGI, Ser. geol. no. 5, 147-151 '62.

BAIKAL LAKE REGION—SEWAGE—PURIFICATION

The natural resources of Lake Baikal will be preserved. K. V. Mataruev. Bum. prom. 37 no. 9, 10-12 S '62.

BAKAL REGION—IRON ORES

Migration and concentration of iron in the weathering surface of Bakal iron-ore deposits. A. L. Yanitskii. Kora vyvetr. no. 4, 210-218 '62.

BAKAL REGION—SIDERITE

Prospects for developing the mining of Bakal siderite ores. P.E. Zurkov, V.F. Bogatskii. Izv. vys. uch. zav., gor. zhur., 5 no. 6 5-8 '62.

BAKALY DISTRICT—COMMUNITY AND SCHOOL

Party organization in the struggle for compulsory education. Z. Karimov. Nar. obr., no. 10:20-22 O '62.

BAKED PRODUCTS

Gimmervert, R.V., R.M. Domnich, and L.F. Il'ina. [New varieties of bread and confectionery products, from practices of Leningrad bakeries] Novye sorta khlebobulochnykh i konditerskikh izdelii, iz opyta khlebopekarnykh predpriiatii g. Leningrada. Leningrad, 1962. 50 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Serila: Khlebopekarnaia promyshlennost' ")

BAKED PRODUCTS—TESTING

Use of the refractometric method for determining fat content of gingerbread and semiprocessed products for pastry and cake manufacture. O.V. Milleliyi, Kh.IA. Gaidukovych, S.V. Shelestova. Khleboprom., no. 2:76-80 Ap-Je '62.

BAKERS AND BAKERIES see subdivision under Latvia

BAKERS AND BAKERIES—HYGIENIC ASPECTS

Study of the bacterial contamination of bread during its transportation from the bakery to the buyer. M.I. Popov. Gig. i san., 26 no. 12:89 D '61).

BAKIEVSKAIA, SOF'IA L'VOVNA

Sof'ia L'vovna Bakievskaia. Med. sestra 21 no. 8 5-8 Ag '62.

BAKU—EXHIBITIONS

Importance of the Baku fair in the period of reconstruction. A.I. Khalilov. Izv. AN Azerb. SSR Ser. obshchestv. nauk., no. 1:87-99 '61.

BALAN, I.Z., 1902-

On the occasion of the 60th birthday of I.Z. Balan. Masl.-zhir. prom. 28 no. 9 44 S '62.

BALANCING OF MACHINERY

Efficiency of methods for optimum external balancing of machine masses. IU.V. Epshtein, F.P. Rapota. Trudy Inst. mash. Sem po teor. mash. i mekh. 23 no. 91 15-53 '62.

BALASHIKHA—SOVIETS

Soviets are at the steering wheel. P. Shibaev, D. Terdorov, V. Zhelezin. Sov. deput. trud. no 10:61-64 O '62.

BALDNESS

Treatment of alopecia seborrhoeica with vitamins [with summary in English]. I.B. Veinerov, E.A. Kiuchakova, M.G. Podgaetskaia. Vest. derm i ven. no 6:51-54 '62.

BALIN, ALEKSANDR

The "sun over the workshop" by Aleksandr Balin. Reviewed by L. Terekhin. Sov. profsoiuzy 18 no. 19, 15 O '62.

BALKAN MOUNTAINS—GEOLOGY

Permanent Commission on the Stratigraphy, Paleogeography, and Paleontology of the Carpatho-Balkan Association. Paleont. sbor. [Lvov] no. 1:163-164 '61.

BALKAN MOUNTAINS—GEOLOGY—CONGRESSES

Fifth Congress of the Carpatho-Balkan Geological Association held in the Rumanian People's Republic, September 4-10, 1961. M.P. Semenenko. Geol. zhur. 22 no. 4:109-112 '62.

BALKAN PENINSULA—HISTORY

Franco-Russian diplomatic struggle in the Balkan Peninsula and plans for the establishment of a Slavic and Serbian state in 1806-1807. V.G. Sirotkin. Uch. zap. Inst. slav. 25:171-192 '62.

BALKHASH DISTRICT—AGRICULTURE

Prospective development of agriculture in Balkhash District. V.G. Semdianov. Vest. sel'khoz. nauki [Kazakh.] 5 no. 7:8-17 Jl '62

BALKHASH LAKE REGION—SNAKES

Hibernation of Ancistrodon halys in nature [with summary in English] A.P. Lesniak. Zool. zhur. 41 no. 8:1263-1265 Ag '62.

BALKHASH LAKE REGION—STONE AGE

Preliminary data on the Paleolithic in the Turanga River valley, northern Balkash Lake region. A.G. Medoev. Izv. AN Kazakh. SSR. Ser. ist., arkheol. i etn. no. 2:94-105 '62.

BALLET see subdivision under Czechoslovakia, Leningrad

BALTIC PROVINCES—HISTORY

Some problems concerning the history of the U.S.S.R. in the periodical "Rocznik Olsztynski." A. Tautavichus, M. IUchas. Ist. SSSR 6 no. 5:232-233 S-O '62

BALTIC SEA REGION—BEETLES, FOSSIL

Representatives of Sternoxia (Coleoptera) from Baltic amber. S.M. Iablokov-Khnzorian. Paleont. zhur. no. 3:81-89 '62.

BALTIC STATES—FISH PROCESSING PLANTS

In our processing shop. V.A. Opalenko. Ryb. khoz. 38 no. 6:76-77 '62

BALTIC STATES—SEAMEN

Sailors from Almazi. V. Kuus. Volrug sveta no. 8:60 Ag '62

BALZAC, HONORE DE, 1799-1850

On the romantic and the realistic in H. Balzac's novel "Magic skin." I. Tonysheva. Trudy UrGU no. 112. 69-99 '61.

Zweig, Stefan. [Balzac. Translated from the German] Bal'zak. Pod red. E. Zaks. Moskva, Molodaia gvardiia, 1961. 493 p. illus. (Zhizn' zamechatel'nykh liudei)
(MIU)

BANACH SPACES

Mechanical cubature formulas on the surface of a sphere. S.L. Sobolev. Sib. mat. zhur. 3 no. 5:769-796 S-O '62.

On certain systems of functions forming quasi-exponential bases in spaces of analytic functions in a circle. K.M. Fishman, G.M. Sas'ko. Dokl. AN SSSR 146 no. 2 314-317 S '62

BANKS AND BANKING

(see also subdivision under Artemovsk District, Azerbaijan, Moscow; Moscow Province, Omsk Province, Tatar A.S.S.R.)

Brief information on foreign exchange and banks abroad. Den. i kred. 20 no. 8:85-91 Ag '62.

Brief information on foreign exchange and banks abroad. Den. i kred. 20 no. 9:87-91 S '62.

Building control in bank work. V. Dyskin. Den. i kred. 20 no. 9:35-43 S '62.

Control over the stock of equipment in construction. B. Lukhov, S. Rubinstein. Fin. SSSR 23 no. 9:47-52 S '62.

In the Board of Directors of the State Bank of the U.S.S.R. Den. i kred. 20 no. 8 92-93 Ag '62.

In the Board of Directors of the State Bank of U.S.S.R. Den. i kred. 20 no. 9 93-95 S '62.

In the Board of Directors of the State Bank of U.S.S.R. and the Presidium of the Central Committee of the Government Workers Trade Union. Den. i kred. 20 no. 9:92-93 S '62.

Increase the efficiency of control. P. Ivseev, V. Turkovskii. Den. i kred. 20 no. 8 84-89 Ag '62.

Planning and financial discipline in construction. N. Sokolov. Den. i kred. 20 no. 8:70-75 Ag '62.

Put construction organization at the center of attention. N. Artem'eva. Fin. SSSR 23 no. 9, 85-89 S '62.

State Bank's business and people. A. Belova, N. Logvinenko. Den. i kred. 20 no. 9:44-50 S '62.

Utilize hidden potentialities more fully. M. Zotov. Den. i kred. 20 no. 9:3-12 S '62.

BANKS AND BANKING—ACCOUNTING

(see also subdivision under Teykovo)

Improve the system of payments. M. Girdin. Den. i kred. 20 no. 8:8-10 Ag '62.

BANKS AND BANKING, INTERNATIONAL

The Fifteenth Session of the International Bank Summer School. Den. i kred. 20 no. 8 38-39 Ag '62.

BAPTISM

Christening. A. Chertkov. Nauka i rel. no. 8:83-85 S '62.

BAPTISTS see subdivision under Mirgorod, Melodechno District; Orel

BARABA STEPPE—FARM MANAGEMENT

Possibilities for increasing agricultural production on state farms. R.F. Muratov. Trudy MIIZ no. 11 61-70 '61.

BARANOVICHI—DAY NURSERIES

More about the work of our institutions of preschool education. Reb. i stal. 38 no. 9 19 S '62.

BARGES

Barge operations without crews. V. Gorbunov. Rech. transp. 21 no. 9:11 S '62.

BARIUM

Adsorption of barium atoms and carbon monoxide molecules on face (113) of a tungsten single crystal. V.M. Gavriliuk, V.K. Medvedev. Fiz. tver. tela 4 no. 9:2372-2381 S '62.

Chelatometry of barium solutions. A.R. Kuznetsov, N.N. Pavlov. Nauch. trudy MTILP no. 23 62-66 '61.

Field emission of Au-Ba layers. IU.V. Zubenko, I.L. Sokol'skaia. Radiotekh. i elektron. 7 no. 9:1467-1473 S '62

Photoelectric and optical properties of a gold-barium system. R.L. Nemchenok, A.R. Shul'man. Radiotekh. i elektron. 7 no. 9:1619-1625 S '62

BARIUM CARBIDE

Production of barium carbide. G.V. Samsonov, T.IA. Kosolapova, V.B. Fedorus. Zhur. ob. khim. 32 no. 9 2763-2765 S '62

BARIUM OXIDE

Adsorption of barium oxide on face (110) of a tungsten single crystal. T.S. Kirsanova, A.R. Shul'man, A.P. Gerasimova. Fiz. tver. tela 4 no. 9:2617-2620 S '62.

Work function of thin films of barium oxide on heated tungsten. T.S. Kirsanova, A.R. Shul'man, A.V. Dement'eva. Fiz. tver. tela 4 no. 9 2615-2617 S '62.

BARIUM TITANATE

Dependence of the potential difference of barium titanate-based piezoelectric elements on mechanical loading. O.K. Zhukov. Izv. vys. uch. zav., fiz. no. 1:176-177 '62.

Raman spectrum of barium orthotitanate. IA.S. Bobovich. Opt. i spektr. 13 no. 3:459-460 S '62.

BARIUM TITANATE—ELECTRIC PROPERTIES

Transition of barium titanate to the paraelectric state at high pressure. G.G. Leonidova, I.N. Polandov. Fiz. tver. tela 4 no. 9:2614-2615 S '62.

BARLEY

Effect of gibberellin on the germination of barley seeds of various ripening degree. V.I. Volodin. Sbor. trud. asp. i mol. nauch. sotr. VIR no. 1:70-76 '60

BARLEY—VARIETIES

(see also subdivision under Uzbekistan)

Barleys in the non-Chernozem zone of the U.S.S.R. A.M. Petrova. Sbor. trud. asp. i mol. nauch. sotr. VIR no. 1:36-46 '60.

BARLEY BREEDING

Mountain barleys of different geographical origin as parent material for breeding. F.D. Pimmerikh. Sbor. trud. asp. i mol. nauch. sotr. VIR no. 1:46-55 '60.

BARLEY AS FEED see subdivision under Soviet Central Asia

BARLEY BREEDING see subdivision under Ukraine

BARTYM (PERM PROVINCE)—SILVERSMITHING, ANCIENT

A cup from Bartym. L.A. Matsulevich. Sov. arkheol. 6 no. 3 25-32 '62

BASALT see subdivision under Brazil, Russian Platform, Vardenis Range

BASES (CHEMISTRY)

On the function of acid-base interaction. V.A. Preanov. Izv. vys. uch. zav., fiz. no. 4:115-117 '62.

BASHFULLNESS

Why some children are very bashful? V.I. Zhukovskaia. Reb. i stal. 38 no. 9 21 S '62.

BASHKIRIA—CORRESPONDENCE SCHOOLS AND COURSES

Number of correspondence students is growing. Z. Sukhanova. Vech. sred. shkola 5 no. 3 25-26 My-Je '62.

BASHKIRIA—ELECTRIC RAILROADS

Yes, I see the green light. I. Mironov. Znam.-sila 37 no. 7:1-1 Jl '62.

BASHKIRIA—FERNS, FOSSIL

Triassic equisetums and ferns of Bashkiria. V.D. Prinada, A.L. Turutanova-Ketova. Paleont. zhur. no. 3 111-122 '62.

BASHKIRIA—GEOLOGY

Riphean Karatau series of the eastern slope of the Bashkir anticlinorium and its analogues in the Ural-Tau. S.S. Golokhov. Vest. Mosk. un. Ser. 4:Geol. 17 no. 4: 11-19 Jl-Ag '62.

BASHKIRIA—HORSETAIL, FOSSIL

Triassic equisetums and ferns of Bashkiria. V.D. Prinada, A.L. Turutanova-Ketova. Paleont. zhur. no. 3 111-122 '62.

BASHKIRIA—KARST

Distribution and conditions governing the formation of karst in Bashkiria. G.V. Vakhrushev. Nov. kar. i spel. no. 2 32-34 '61.

Gypsum karst of western Bashkiria. I.K. Kudriashov. Nov. kar. i spel. no. 2 25-29 '61.

BASHKIRIA—OIL RESERVOIR ENGINEERING

Determining the yield of a multistage well in an isotropic layer of great thickness. IU.P. Borisov, V.P. Tabakov. Nauch.-tekh. sbor. po dob. nefti no. 16-51-56 '62

BASHKIRIA—PHENOLOGY

Kucherov, E.V. [Calendar of nature in Bashkiria] Kalendar' prirody Bashkirii. Ufa, Bashkirskoe knizhnoe izd-vo, 1960. 83 p.
[MICROFILM]

BASHKIRIA—WHEAT

Expand winter crops in Bashkiria. S.A. Kunakbaev. Zemledelie 24 no. 8:46-50 Ag '62.

BASKANOV, NIKOLAI ALEKSANDROVICH

A scholar deserving an honorary title. M. IA. Khamzaev. Izv. AN Turk. SSR. Ser. obshchestv. nauk no. 3:96-98 '62

BASKETBALL

Bessonov, S.G., and P.F. Mikhalev. [The ball flies across the ocean] Mach letit cherez okean. Moskva, Sovetskaia Rossiia, 1962. 91 p.

BASKETBALL (Continued)
Experimental study of decisiveness in basketball players. G.V.Zarnitin. Probl.psikhol.sporta no.2:277-283 '62.
Phase nature of the development of initiative in basketball players. IU.IU.Palaima. Probl.psikhol.sporta no.2:267-276 '62.
Some factors altering the successfulness of the playing actions of basketball players. A.A.Virin. Probl. psikhol.sporta no.2:261-266 '62.
Training of the will in basketball players. I.N.Preobrazhenskii. Probl.psikhol.sporta no.2 248-260 '62.

BASKUNCHAK LAKE REGION—AUTOMOBILE RACING
Baskunchak is a track of records. A.Sabinin. Za rul. 20 no.9 16 S '62.

BASUTOLAND—HISTORY
N.S.Khrushchev expressed our feelings. Kocnyama Chakela. Az.i Afr.sog. no.9:10 S '62.

BATHOLITHS see subdivision under Megri District, Ordubad District

BATHROOMS
Sorokin, K.F., R.N.Blashkovich, and A.L.Miatlova. [Kitchens, bathrooms, and built-in furniture; examples from abroad] Kukhni, sanitarnye uzly i vstroennaia mebel'; zarubezhnyi opyt. Moskva, Gosstroiizdat, 1962. 148 p.

BATHS, MOOR AND MUD see subdivision under Azerbaijan, Yarovoye, Lake (Altai Territory)

BATHYSCAPHE
"Ahead of us lies the ocean" by B.V.Liapunov and "In balloon and bathyscaphe" by A. Piccard. Reviewed by S.D.Osokin. Priroda 51 no.8:125-126 Ag '62

BATHYTHERMOGRAPH
Graphic method for determining the corrections to bathythermograph readings. B.M.Gatsenko Trudy Bal'nevost.NIGMI no.14:96-121 '62.

BATUM REGION—GIBBSITE
Gibbsite-bearing weathering surface in the Batum coastal area of the Caucasus. N.A.Lisitsyna. Kora vyvetr. no.4:96-120 '62.

BATUM REGION—WEATHERING
Gibbsite-bearing weathering surface in the Batum coastal area of the Caucasus. N.A.Lisitsyna. Kora vyvetr. no.4:96-120 '62.

BAUXITE
(see also subdivision under Ende Valley, Turgay Gates)
Distribution of gallium in bauxites. V.N.Lavrenchuk, V.A.Tenisov. Geokhimiia no.8 745-747 '62.
Secondary processes are the most important factor in the formation of bauxite ores. S.I.Benesiavskii. Kora vyvetr. no.4:178-184 '62.

BAYAN-KOL VALLEY—SYENITE
Primary foliated Bayan-kol intrusion of hedenbergite nepheline syenites. V.A Kononova. Trudy IGEM no.78:39-70 '62.

BEACONS
Are Comrades Troushnikov and Kirillov right? F.Omel'chenko. Rech transp. 21 no.9:50 S '62.
Use of doubling beacons. D.IAroshenko. Rech.transp. 21 no.9:51 S '62.

BEAMS AND GIRDERS
Concreting the thin-walled bearing elements of beams in a horizontal position. I.Gol'dfeld. Prom.stroi i inzh.soor. 4 no.4:36-38 Jl-Ag '62

d specific inspecting. v vya.

iete fulti- ...transportation. 12 no.8: 42-44 Ag '62.

Making wire-reinforced concrete girders on stands. P.Afanas'ev, M.Borodich, F.Vishniakov. Na stroi. Ros 3 no.5:37 My '62.

Prestressed concrete girders with two sloping surfaces for buildings with overhead conveyers. Biul.stroi.tekh. 19 no.3:35-36 Mr '62.

The problem of rules governing the weight of prestressed metal beams. N.S.Strelotskii. Izv.vys.uch.zav.; stroi.i arkhit. 5 no.4:3-17 '62.

Rolling of H-beams with free widening. I.IA.Tarnovskii, A.N.Skorokhodov Izv.vys uchab.zav., chern.met. 5 no 8:62-68 '62

Stability of bars with a stepped profile. E.P.Krukov. Trudy TSNIIS no.46:72-103 '62.

Strength of materials of some pressed sections made of D1-T, D16-T and AMg-6 aluminum alloys. IU.M. Nagevich. Trudy TSNIIS no.46:104-118 '62.

Stressed state of a thin-walled beam in the area of the cut-out or imperfect joint. N.A.Sholomov. Izv.vys. ucheb.zav.; av.tekh. 5 no.3:122-130 '62.

Wire-reinforced concrete beams with electrothermal stressing. Prom.stroi.i inzh.soor. 4 no.4:47-48 Jl-Ag '62.

BEAMS AND GIRDERS—VIBRATION
Calculation of bending vibrations in mechanical systems [with summary in English] V.G.Tymoshenko. Prykl. mekh. 8 no.5 470-481 '62

BEANS see subdivision under Altai Territory

BEANS—DRYING see subdivision under Altai Territory

BEARING INDUSTRY
Using the method of plastic deformation for manufacturing thin-walled bearings. S.M.IAkovenko. Mashinostroenie no.4:29-32 Jl-Ag '62.

BEARING INDUSTRY—ACCOUNTING
Improve the work of the accounting apparatus F.Chaikin. Bukhg.uchet 18 no.7 21-26 Jl '62.

BEARINGS (MACHINERY)
Determining the carrying capacity of an antifriction thrust bearing in case of the eccentric application of axial force. V.M.Shustorovich. Vest mashinostr 42 no.9: 19-24 S '62.
Investigating one of the methods for reducing the friction in bearings. I.M.Sivokonenko, K.N.IAvlenskii. Izv. vys.ucheb.zav.;prib. 5 no.5:134-139 '62.
Use of nylon sleeve bearings on construction equipment. IU.A.Evdokimov, I.A.Loshak, V.A.Slatin. Mekh.stroi. 19 no.4:20-22 Ap '62.

BEAVERS see subdivision under Voronezh Preserve

BEE CULTURE
Brief notes. I.A Khalifman Agrobiologiia no 4:632-636 Jl-Ag '62
Glushkov, N.M. [Manual for the bee keeper] Spravnik pchelovoda. Moskva, Sel'khozizdat, 1962. 316 p. (DNAL)
Rybnoye (Ryazanskaia oblast') nauchno-issledovatel'skii institut pchelovodstva. [Collection of scientific technological information of the Scientific Research Institute of Bee Culture] Sbornik nauchno-tekhnicheskoi informatsii nauchno-issledovatel'skogo instituta pchelovodstva, Rybnoe, Riazanskoi obl., 1961. 54 p. (DNAL)

BEES
Vsesoiuznyi nauchno-issledovatel'skii institut pchelovodstva. [Use of nectar flow and the transportation of bees] Ispol'zovanie vziatka i perevozka pchel Rybnoe [1956] 4 p. (V pomoshch' agronomam i zootekhnikam MTS. (DNAL)

BEETLES, FOSSIL see subdivision under Baltic Sea region

BELAYA VALLEY (BASHKIRIA)—KARST
Studies of karst carried out by the Southern Ural Geological Administration, theses. S.P.Tkalich Nov kar i spel. no.2:65-66 '61.

BELEI, IVAN, 1650-1020
Manuscripts of Ivan Belei. IU.IU.Sin'ko. Rad.lit. 6 no.5:127-130 S-O '62.

BELEMBE VALLEY—DIKES (GEOLOGY)
Some characteristics of the formation of melanocratic dikes in the Belembe region (southern Maritime Territory). V.I.Chalnikov. Izv.AN SSSR,Ser.geol. 27 no.9:48-57 S '62.

BELGIUM—ECONOMIC GEOGRAPHY
Strelotskaia, L.N. [Belgium; economic and geographical characteristics] Bel'giia; ekonomiko-geograficheskaia kharakteristika. Moskva, Geografgiz, 1962. 237 p.

BELGIUM—POLITICS AND GOVERNMENT
Walloons and Flemings. Henri Laurent. Nov.vrem. 20 no.44:27-28 O '62.

BELGOROD—FORTIFICATIONS, OLD
The Belgorod fortress of the 16th - 17th century. A.V. Nikitin. Sov.arkheol. 6 no.3:260-278 '62.

BELORECHENSK DISTRICT—SWINE—DISEASES AND PESTS
Use of tissue biostimulators. S.S.Zhilin. Trudy Rost. NIVS no.12:212-213 '60.

BELORETSK—IRON AND STEEL PLANTS
Beloretsk Metallurgical Combine is 200 years old. V.M. Ovcharenko. Metallurg 7 no.9:36-38 S '62.

BELOV, P.
Report from an artist's studio. L.Uvarova. Teatr 23 no.8:156-157 Ag '62.

BELOVO—COAL MINES AND MINING—TECHNOLOGICAL INNOVATIONS
In the Belovo House of Technology. S.Morenkov. Sov. shakht. 11 no.9:19-20 S '62.

BELOYE LAKE REGION (VOLOGDA PROVINCE)—ANTIQUITIES
Archaeological monuments of the "Ves'" in the Beloye Lake region. L.A.Golubeva. Sov.arkheol. 8 no.3: 53-77 '62.

BELOZERKA REGION (ZAPOROZH'YE PROVINCE)—HEMATITE
Dispersed hematite of iron ores in the Belozerka deposit Z.I.Tanatar-Barash. Geol.zhur. 22 no.4,83-72 '62.

BELOZERKA REGION (ZAPOROZH'YE PROVINCE)—IRON ORES
Martite and martite ores of the South Belozerka iron-ore deposit. L.IA Khodiush. Geol.zhur. 22 no.4:11-25 '62.

BELOZERKA REGION (ZAPOROZH'YE PROVINCE)—MARTITE
Martite and martite ores of the South Belozerka iron-ore deposit. L.IA.Khodiush Geol.zhur. 22 no.4:11-25 '62.

BEL'TSY—AUTOMOBILE DRIVERS
Amateur club in Bel'tsy. Z.Baichurin. Za rul. 20 no.9:11 S '62.

BENCH MARKS
Setting bench marks in bore holes with bases widened by a blast. M.S.Upenskii. Trudy TSNIIGAIK no.147: 56-64 '62.

BENTONITE
Use of Gorb bentonite in the making of white table wine in Transcarpathia. V.I.Zinchenko. Khar.prom. no.2: 22-34 Ap-Je '62.

BENTS, MARIIA SEMENOVNA
Mariia Semenovna Bents. Med.sestra 21 no.8:52 Ag '62.

BENZALDEHYDE
Synthesis of Δ^6-cyclohexene-aldehydes from isomeric Δ^3-aldehydes. G.P.Kugatova-Shemiakina, R.A.Poshkus. Zhur.ob.khim. 32 no.8,2161-2164 Ag '62.

BENZAMIDINE
N-dichlorophosphinyl-N^1-α-chlorobenzalarenamidines. G.I.Derkach, G.F.Dregval', A.V Kirsanov. Zhur. ob khim. 32 no.9:3002-3007 S '62.

BENZANTHRACENE—TOXICOLOGY
Effect of androgens and the elimination of pituitary gland function on the development of cancer of the uterus caused by dimethylbenzanthracene. L.I. Charkviani. Vop.onk. 8 no.8:70-74 '62.

BENZENE
Cycloalkylation of aromatic compounds Part 20: Alkylation of benzene by methylcyclohexanols, cyclohexylcarbinol, and chloromethylcyclohexanes. N G Sidorova Zhur.ob.khim. 32 no.8:2642-2649 Ag '62
Cycloalkylation of aromatic compounds Part 21. Alkylation of benzene by 1- and 3-methylcyclopentanols. N G Sidorova. Zhur.ob khim. 32 no.8:2649-2652 Ag '62
Cycloalkylation of aromatic compounds Part 23 Reaction of benzene with 2- and 3-cyclohexylcyclohexanols N G. Sidorova, A.I Ivanova. Zhur.ob.khim. 32 no 9:2700-2701 S '62.
Formation of benzene in the reaction of N,N-dimethylaniline with 1,2-dibromocyclohexane V.A. Cherkasova. Zhur.ob khim 32 no.9:2702 S '62.
Nonspore-forming synthesis of 4,5,N^1, N^1 -tetramethyl-1,2-diaminobenzene. V M. Berezovskii, L.N Gurko, E.P.Rodionova Zhur ob khim. 32 no.9:2951-2954 S '62.
Reactions of nitroolefins with aromatic compounds in the presence of acid catalysts. Part 1: Condensation of β-nitrostyrene with benzene in the presence of aluminum chloride. A.D.Grebenluk, M.Kholmatov, I.P.TSukervanik. Zhur ob khim. 32 no.8:2654-2657 Ag '62.
Thermodynamics of the decomposition reactions of polyethylbenzenes. A.E.Pinaker. Khim.prom. no.7:486-489 Jl '62

BENZENE—SPECTRA
Spectroscopic study of the effect of the medium on the reactivity of substituted benzenes. Part 3. Effect of aqueous solutions of chlorides and nitrogen containing solvents on the electron absorption spectra of substituted benzenes. V.I.Danilova. Izv.vys.uch.zav., fiz. no.4,107-111 '62.
Vibrational spectra of aromatic compounds. Part 16. Characteristic vibrations of 1,2,3-substituted benzenes. A.M. Bogomolov. Opt.i spektr. 13 no.3:331-334 S '62.

BENZENE—TOXICOLOGY
Industrial hygiene in the production of rubble pitch film [with summary in English]. V.P.Kamchatnov, L.E. Golubovskii, N.I.Fateeva. Gig.i san. 26 no.12:25-30 D '61.

BENZIMIDAZOLE
Benzazole series. Part 2: Syntheses of benzimidazoles with the purpose of studying their scintillation properties. L.N.Pushkina, S.A.Mazalov, I.IA.Postovskii. Zhur.ob.khim. 32 no.8:2624-2633 Ag '62.
Derivatives of benzimidazole. Part 10: Interaction of 1-alkyl- and 1-benzyl-substituted 2-aminobenzimidazoles with alkyl halides. A.M.Simonov, IU.M.Dutlov. Zhur.ob.khim. 32 no.8:2670-2673 Ag '62.

BENZIMIDAZOLE (Continued)
Derivatives of benzimidazole. Part 11 Interaction of 1-phenylbenzimidazole with n. butyllithium and phenyllithium B A Tertov, N.A Ivankova, A M Simonov. Zhur ob khim. 32 no 9 2989-2991 S '62
Effect of benzimidazole derivatives on the growth and development of cereal crops. A.M Efros, M.P. Fedoseeva. Dokl.AN SSSR 146 no 1 236-237 S '62.

BENZOIC ACID
Effect of alkyl pyridinium iodides and lithium perchlorate on the solubility of benzoic acid in water, ethyl alcohol, and their mixtures. V F. Sergeeva, L Eskaraeva, Zhur ob khim 32 no 9 2950-2960 S '62
Effect of benzoic acid, phthalic and maleic anhydrides on the isotope exchange of sulfur atoms G.A. Blokh and others Zhur ob khim 32 no 9 2800-2803 S '62.
Modification of the methods for determining the acetylation capacity of the body. M.M. Alimova, N.F. Tolkachevskaia. Lab. delo 8 no. 8.8-10 Ag '62.
Pentachlorobenzoic acid and its derivatives. I. G. Zagorskaia, S. I. Burmistrov, S A. IAshkova. Zhur ob khim. 32 no. 8,2612-2613 Ag '62.
Separation of 3,5-dinitrobenzoates of brandy alcohols by the method of paper partition chromatography I.A. Egorov, A.K. Rodopulo. Dokl.AN SSSR 146 no.1 210-212 S '62.

BENZOPYRINE—SPECTRA
Linear spectra of polycyclic aromatic hydrocarbons in frozen crystalline solutions. Part 2. Singlet-singlet and triplet-singlet spectra of 1,2 benzopyrene at 77° and 4°K. E.V.Shpol'skii, L.A Klimova, R.I. Personov. Opt.i spektr. 13 no.3:341-352 S '62.

BENZOPYRENE—TOXICOLOGY
Chromosome apparatus of the cells of the mesothelium following the action of physical and cancerogenic factors [with summary in English] V F Ivanova. Arkh anat , gist i embr 43 no 7:96-99 Jl '62.
Development of cancerous epithelium of the lungs following the action of a cancerogenic factor [with summary in English]. G IA Gvafova Arkh. anat , gist i embr 43 no 7 75-83 Jl '62

BENZOQUINONE IMINE
Quinones. Part 39: Mechanism of the condensation of p-quinones with imines of 1, 3-diketones. A. N Grinev, V. I. Shvedov. Zhur. ob. khim. 32 no. 8:2614-2616 Ag '62.

BENZOTHIADIAZOLE
Derivatives of imidazobenzothiadiazole, imidazobenzoselenodiazole, imidazobenzotriazole, and imidazoquinoxaline. S.G Fridman, L.I. Kotova. Zhur ob. khim 32 no. 9:2871-2882 S '62

BENZOTHIAZOLE
Derivatives of imidazobenzothiadiazole, imidazobenzoselenodiazole, imidazobenzotriazole, and imidazoquinoxaline. S.G. Fridman, L.I Kotova. Zhur ob khim 32 no 9:2871-2882 S '62.
Synthesis and properties of 2-mercaptobenzothiazole derivatives. Part 1 Some S-substituted 2-mercaptobenzothiazoles and their sulfones F. A Kuznetsova and others. Zhur. ob khim 32 no. 9 3007-3011 S '62

BENZOTHIAZOLINE
Alkylation kinetics of 2-acetylmethylene-3-ethylbenzothiazoline (study of active seven-membered complexes). M.S. Kisteneva, IA.K.Syrkin. Dokl.AN SSSR 146 no. 1:100-101 S '62.

BENZOXAZOLE
Benzazole series. Part 1: Syntheses of benzoxazoles with the purpose of studying their scintillation properties. I. IA. Postovskii, L. N. Pushkina, S. A. Mazalov. Zhur ob. khim. 32 no. 8:2617-2624 Ag '62.

BEREZHANY DISTRICT—RINGWORM
Fight to eliminate deep trichophytosis in Berezhany District, Ternopol' Province. A. Sh. Dembovich. Med. sestra 21 no. 8:41-42 S '62.

BEREZOVKA DISTRICT—COLLECTIVE FARMS
Life of a collective farm beacon light. L. Demidenko, D. Kosarik, O. Kuvenova. Nar. tvor. in etn. 6 no. 1: 140-151 Ja-Mr '62.

BEREZOVO REGION (TYUMEN' PROVINCE)—GAS, NATURAL—GEOLOGY
Conditions governing the formation of gas pools in the Berezovo region of the West Siberian Plain. N. N. Rostovtsev. Trudy SNIIGGIMS no. 17:7-14 '61.

BEREZOVO REGION (TYUMEN' PROVINCE)—GEOLOGY, STRUCTURAL
Genesis and formation of structures in the Berezovo region of the West Siberian Platform. I. I. Nesterov. Trudy SNIIGGIMS no. 17:42-50 '61.

BERGGOL'TS, OL'GA FEDOROVNA, 1910-
Bank, N. B. [Ol'ga Berggol'ts; a critical and biographical study] Ol'ga Berggol'ts; kritiko-biograficheskii ocherk. Moskva, Sovetskii pisatel', 1962. 199 p.
Tsurikova, G. M. Ol'ga Berggol'ts. Leningrad, Ob-vo po rasprostraneniiu polit. i nauchn. znanii RSFSR, 1961. 49 p.
(MIU)

BERING, VITUS JONASSEN, 1681-1741
"Bering" by Nikolai Chukovskii. Reviewed by A. I. Kraev Priroda 51 no. 8:95 Ag '62.

BERING SEA—CYCLONES
Cyclonic action over the Bering Sea. L. A. Karpova, R. E. Svinukhova. Trudy Dal'nevost. NIGMI no. 14:89-95 '62

BERLIN—LIBRARY CONFERENCES
Conference of friends N. Skrypnev. Bibliotekar' no. 9:61-62 S '62

BERLIN, WEST—ESPIONAGE
[Fact book on subversive activity out of Berlin directed against the socialist countries; Moscow, Sofia Berlin, Warsaw, Bucharest, Prague] Kniga faktov o podryvnoi deiatel'nosti iz Zapadnogo Berlina protiv sotsialisticheskikh stran, Moskva, Sofiia, Budapesht, Berlin, Varshava, Bukharest, Praga. Moskva, Gospolitizdat, 1962. 199 p.

BERLIN QUESTION (1945-)
Steinger, P. A , ed [West Berlin; analysis of the West Berlin problem. Translated from the German] Zapadnyi Berlin, zapadnoberlinskaia problema v sistematicheskom izlozhenii. Moskva, Izd-vo inostr. lit-y, 1961 348 p. (RPB)
Tanin, S. [Peaceful settlement with Germany is the order of the day] Mirnoe uregulirovanie s Germaniei - velenie vremeni. Moskva, Izd-vo In-ta mezhdunarodnykh otnoshenii, 1962. 79 p.

BERON, PETUR, 1799-1871
Petur Beron, an outstanding Bulgarian natural philosopher. M Buchvarov. Nauch. dokl. vys. shkoly: filos. nauki 5 no. 1 91-101 '62

BERRIES
"Berry garden" by A. G. Reznichenko. Reviewed by B. A. Bykov. Priroda 51 no. 8:100 S '62.

BERYL
Effect of sulfuric acid on the flotation of beryl with sodium oleate K. A. Razumov, Sin Vei-chzhun [Hsing Wei-chung]. Izv. vys. uch. zav., gor. zhur 5 no. 8, 178-181 '62.

BERYLLIUM—ISOTOPES
Study of excited states of Be^9 with the aid of the reaction $Li^7(p,\alpha)He^4$. I. B Teplov and others Izv. AN SSSR. Ser fiz 26 no. 8:1150-1153 S '62.

BERYLLIUM COMPOUNDS
Beryllium oxybenzoate compounds with aromatic hydrocarbons. G. M Kurdiumov, K N. Semenenko. Zhur neorg. khim 7 no 9,2115-2121 S '62

BERYLLIUM OXIDE
Effect of the temperature and microstructure of sintered beryllium oxide on the scattering cross section of thermal neutrons. I F. Zhezherun, I. P. Sadikov, A. A Chernyshov. Atom. energ. 13 no. 3:250-257 S '62.
Measuring the length of fission neutron moderation in sintered beryllium oxide at energies up to 1, 44 and 0, 3 ev. I. F. Zhezherun and others Atom. energ. 13 no. 3:256-264 S '62.
Some properties of porous ceramics made of beryllium oxide I. IA Guzman, D. N. Poluboiarinov. Ogneupory 27 no 10.457-462 '62
BERZELIUS, JONS JAKOB, Edlherre, 1779-1848
"Jakob Berzelius" by Ш. I. Solov'ev and V. I. Kurinnoi. Reviewed by O. E. Zeiginitsev. Priroda 51 no. 7:124 Jl '62.

BESSARABIA—POLITICS AND GOVERNMENT
Participation of the workers of Bessarabia in the struggle for a general political amnesty in Rumania, end of 1928 and the beginning of 1929. IA. M. Kopanskii. Izv. AN Mold. SSR no. 1:3-17 '62.

BESSEMER PROCESS
Dephosphorization of steel melted in small converters with side blow. N. P. Konashko. Mashinostroenie no. 4,46-52 Jl-Ag '62.
Efficiency of the oxygen-blown converter process of steelmaking I. I. Kobyliakov Izv. vys. ucheb zav , chern met. 5 no. 8 200-206 '62.
Maker of steel. D. Martsinkovskii. Tekh. mol. 30 no. 8:19-21 '62.
Making pipe steel in converters with top oxygen feed. S. T. Zaikov. Met i gornorud. prom no. 3-17-18 My-Je '62.
Melting steel in a converter with side blow stopping at a given carbon content. S. F. Makarenko and others. Mashinostroenie no. 4,46-48 Jl-Ag '62.

BET-PAK-DALA—GABBRO
Shalgiya serpentinite-gabbro intrusion. N.P.Mikhailov. Trudy VSEGEI 74:107-114 '62.

BET-PAK-DALA—SERPENTINITES
Shalgiya serpentinite-gabbro intrusion. N.P Mikhailov. Trudy VSEGEI 74 107-114 '62.

BETATRON
Betatron radiation intensity as dependent on the injection voltage. V. A. Moskalev, B. V. Okulov. Zhur. tekh. fiz. 32 no. 9:1040-1041 S '62.

BETEKHIN, ANATOLII GEORGIEVICH, 1897-1962
In memory of Anatolii Georgievich Betekhin. Izv. AN SSSR. Ser. geol. 27 no. 9,114-116 S '62.

BEVEL-GEARING see Gearing, Bevel

BEYLE, MARIE HENRI, 1783-1842
"Stendhal, literary craftsmanship and psychology of the writer" by Jean Prevost. Reviewed by A D Mikhailov. Vop. lit 6 no 9 222-226 S '62

BIBLIOGRAPHY
[Book chronicle] Knizh let. nov. 10-43 '62. Dopolnitel'nyi vypusk no. 9 '62.
Chronicle of the literature of book lore. Kniga, issl. i mat. 6 365-371 '62.
[Information index of bibliographical lists and card files] Inform. ukaz. bibl. spis. i kart 6 no 18 S '62
New books. Komm Mold. 7 no. 8-2 of cover-3 of cover S '62.
New books. Komm. Ukr. 38 no. 8-93 S '62.
New books. Kommunist 39 no. 16,124 N '62.
[New books] Nov knigi nos 41-45 O-N '62.
New books. Part. zhizn' no. 20-78 O '62.
New books. Vest. AN SSSR 32 no. 8:155-156 S '62.
Publishing work of the All-Union Book Chamber. A.N. Deev. Kniga, issl i mat. 6 300-344 '62.
Recommended literature. Nar. asv. no 9,95 S '62.

BIBLIOGRAPHY—ACCOUNTING
New books on accounting. Bukhg. uchet 18 no. 7:78-79 Jl '62.

BIBLIOGRAPHY—AERONAUTICS, COMMERCIAL
New books. Grazhd. av. 12 no. 11, 10 N '55.

BIBLIOGRAPHY—AESTHETICS
Moscow. Publichnaia biblioteka. [Art, an annotated bibliography] Iskusstvo; annotirovannye spiski literatury. Comp. by E. E. Levina. Moscow, M-vo kul'tury RSFSR.
No. 3. 1962. [2] p. [Architecture] Arkhitektura. 54 p. [Art and its role in the development of human character in a communist society] Iskusstvo i ego rol' v formirovanii cheloveka kommunisticheskogo obshchestva. 7 p.

BIBLIOGRAPHY—AFRICA
[New Soviet and foreign literature on the countries of the non-Soviet East] Nov. sov. i inostr. lit. po stran zarub Vost. no. 5 '62.

BIBLIOGRAPHY—AGRICULTURAL MACHINERY
Authors' abstracts and dissertations. Vest. sel'khoz. nauki 7 no. 8:86, 93, 95, 127, 156 Je '62.

BIBLIOGRAPHY—AGRICULTURE
[Agricultural literature of the U. S. S. R.] Sel'khoz. lit. SSSR no. 6 '62.
Books received by the editor for review Agrobiologiia no 4:639 Jl-Ag '62
In the Scientific Council of the Academy. Izv. TSKHA no. 2:237-240 '62.
[Information bulletin of new foreign books, received by the Lenin Library. Series 2. Biological, Medical, and Agricultural Sciences] Inform. biul. nov. inostr. knig, postup. v Bibl. im. V. I. Len. Ser. 2: Biol., med. i sel'khoz. nauki 7 nos. 27-29 O '62.
New books. Zemledelie 24 no. 8:95 Ag '62.
[New foreign books. Series V: Biology, medicine, agriculture] Nov. knigi za rub. Ser. V: Biol., med., sel'khoz. no. 10 O '62.
Works of scientific institutions. Vest. sel'khoz. nauki 7 no. 8:120, 130, 156 Je '62.
Works of scientific institutions. Vest. sel'khoz. nauki 7 no. 8:20, 33, 40, 65, 102, 110, 127, 150 Ag '62.

BIBLIOGRAPHY—ANATOMY
Bookshelf B. A Nikitiuk Arkh anat., gist. i embr. 43 no. 7:119-120 Jl '62

BIBLIOGRAPHY—ARCHAEOLOGY
[New foreign literature on history, archaeology, and ethnography] Nov. inostr. lit. po ist., arkheol. i etn. no. 5 '62.

BIBLIOGRAPHY—ARCHITECTURE
Moscow. Publichnaia biblioteka. [Art; an annotated bibliography] Iskusstvo; annotirovannye spiski literatury. Comp. by E. E. Levina. Moscow, M-vo kul'tury RSFSR.
No. 3. 1962. [2] p. [Architecture] Arkhitektura. 54 p. [Art and its role in the development of human character in a communist society] Iskusstvo i ego rol' v formirovanii cheloveka kommunisticheskogo obshchestva. 7.

BIBLIOGRAPHY—ART
[Literature and art of the peoples of the U. S. S. R. and foreign countries] Lit i isk. nar. SSSR i zarub. stran no. 5 '62.

BIBLIOGRAPHY—ARTIFICIAL SATELLITES
First Soviet artificial earth satellite. Kal. znam. i pam. dat 7 no. 10:22-26 O '62.

BIBLIOGRAPHY—ASIA
[New Soviet and foreign literature on the countries of the non-Soviet East] Nov. sov. i inostr. lit. po stran. zarub. Vost. no. 5 '62.

BIBLIOGRAPHY—ATOMIC ENERGY

New literature. Atom energ. 13 no. 1:105-114 O '62.

BIBLIOGRAPHY—AUTOMATION

"Avtomatika," Papers of the Scientific Research Institute. Prom. Arm. 5 no. 9:70 S '62.

From foreign periodicals, February 1962. Mekh. i avtom. proizv. 16 no. 9:62-64 S '62.

From foreign periodicals. Mekh. i avtom. proizv. 16 no. 8:62-64 Ag '62.

From Soviet periodicals, August 1962. Mekh. i avtom. proizv. 16 no. 9:60-61 S '62.

From Soviet periodicals, July 1962. Mekh. i avtom. proizv. 16 no. 8:60-62 Ag '62.

New books. Mekh. i avtom. proizv. 16 no. 8:58-60 Ag '62.

New books. Mekh. i avtom. proizv. 16 no. 9:59 S '62.

New books. Vest. mashinostr. 42 no. 9:88-89 S '62.

Survey of foreign periodicals. Vest. mashinostr. 42 no. 9:90-92 S '62.

BIBLIOGRAPHY—BIOLOGY

[Information bulletin of new foreign books, received by the Lenin Library. Series 2: Biological, Medical, and Agricultural Sciences] Inform. biul. nov. inostr. knig, postup. v Bibl. im. V. I. Len. Ser. 2. Biol., med. i sel'khoz. nauki. 7 nos. 27-29 O '62.

[New foreign books. Series V: Biology, medicine, agriculture] Nov. knigi za rub. Ser. V: Biol., med., sel'khoz. no. 10 O '62.

BIBLIOGRAPHY—BOOKS ISSUED IN SERIES

The series "Dalekie knigi." Iu. V. Grigor'ev. Kniga; issl. i mat. 6:37-51 '62.

BIBLIOGRAPHY—BUILDING

Books published by the State Construction Publishing House in April 1962. Bet. i zhel.-bet. 8 no. 8:3 of cover Ag '62.

BIBLIOGRAPHY—CERAMICS

From the pages of foreign magazines. Stek. i keram. 19 no. 8:44-46 Ag '62.

BIBLIOGRAPHY—CHAVCHAVADZE, IL'IA GRIGOR'EVICH, 1837-1907

I. G. Chavchavadze. Kal. znam. i pam. dat. 7 no. 11:26-31 N '62.

BIBLIOGRAPHY—CHEMICAL APPARATUS

Annotations. Gidroliz. i lesokhim. prom. 15 no. 6:32 '62.

BIBLIOGRAPHY—CHEMISTRY

[Chemistry, classed index of articles in foreign periodicals] Khim., sist. uk. st. v inostr. zhur. nos. 7-8 '62.

New books. Khim. v shkole. 17 no. 5:86 S-O '62.

BIBLIOGRAPHY—CHINA

Chinese People's Republic. Kal. znam. i pam. dat. 7 no. 10:17-21 O '62.

BIBLIOGRAPHY—CIVIL LAW

"Bibliography of Soviet civil and family law, 1917-1960. Reviewed by S. N. Bratus', E. A. Fleishits. Sov. gos. i pravo 32 no. 10:146-147 O '62.

BIBLIOGRAPHY—COAL MINES AND MINING

New books. Ugol' Ukr. 6 no. 9:47 S '62.

New literature. Ugol' 37 no. 8:61 Ag '62.

New literature. Ugol' 37 no. 9:63-64 S '62.

Recent books. Sov. shakhty 11 no. 9:36-39 S '62.

BIBLIOGRAPHY—COMMUNISM

Annotations. Vop. ist. KPSS 6 no. 5:214-221 '62.

Documents and articles on the history of the CPSU published in May-June 1962 in periodicals and scholarly serials. Vop. ist. KPSS 6 no. 5:223-230 '62.

Literature to be used in communist education. Polit. samoobr. 6 no. 9:155-159 S '62.

BIBLIOGRAPHY—COMMUNIST COUNTRIES—FOREIGN ECONOMIC RELATIONS

Cooperation of free peoples. N. Alent'eva. V mire knig 2 no. 8:4 S '62.

BIBLIOGRAPHY—COMMUNIST PARTIES

Conference of Communist and Labor Party Representatives, 1957. Kal. znam. i pam. dat. 7 no. 11:40-45 N '62.

BIBLIOGRAPHY—COMMUNIST PARTY OF THE SOVIET UNION

Documents and articles on the history of the CPSU published in May-June 1962 in periodicals and scholarly serials. Vop. ist. KPSS 6 no. 5:223-230 '62.

BIBLIOGRAPHY—COMMUNIST YOUTH LEAGUE

Birthday of the Communist Youth League. Kal. znam. i pam. dat. 7 no. 10:42-48 O '62.

BIBLIOGRAPHY—CONSTRUCTION EQUIPMENT

From the pages of foreign magazines. Mekh. stroi. 19 no. 4:32 Ap '62.

From the pages of foreign magazines. Mekh. stroi. 19 no. 9:32 S '62.

From the pages of magazines; June 1962. Stroi. i dor. mash. 7 no. 8:39-40 Ag '62.

From the pages of Soviet magazines. Mekh. stroi. 19 no. 4:31 Ap '62.

From the pages of Soviet magazines. Mekh. stroi. 19 no. 9:31 S '62.

BIBLIOGRAPHY—CONSTRUCTION INDUSTRY

Abstracts. Na stroi. Ros. 3 no. 5:39 My '62.

Bibliographical notes. Na stroi. Ros. 3 no. 4:39 Ap '62.

Derzhavne vydavytstvo literatury z budivnytstva i arkhitektury URSR. [Classified catalog of literature to be published during 1962 by the Ukrainian State Publishing House for Construction and Architecture] Tematychnyi plan vypusku literatury Derzhbudvydavu URSR na 1962 r. Kyiv, 1961. 56 p. [MICROFILM]

From the pages of foreign books and magazines. Zhil. stroi. no. 8:35 '62.

From the pages of magazines (July 1962). Mont. i spets. rab. v stroi. 24 no. 9:32 S '62.

New books. Stil. bud. 12 no. 8:24 Ag '62.

New books published by the State Publishing House of Literature on Construction and Architecture. Stek. i ker. 19 no. 9:46 S '62.

BIBLIOGRAPHY—CREDIT

Bookshelf. Den. i kred. 20 no. 8:94-95 Ag '62.

BIBLIOGRAPHY—CZECHOSLOVAKIA

[New literature on Czechoslovakia] Nov. lit. po Chekh. no. 3/4 '62.

BIBLIOGRAPHY—DAGHESTAN—HISTORY

Izmailova, R., V. Kamarsh, and L. Sedova. [Soviet Daghestan, a recommended reading list on the history of Daghestan] Sovetskii Dagestan; rekomendatel'nyi ukazatel' literatury po istorii Dagestana. Makhachkala, Dagestanskoe knizhnoe izd-vo, 1960. 73 p.

BIBLIOGRAPHY—DIALECTICAL MATERIALISM

Superficially, unconvincingly. . . Iu. Fugov. V mire knig. 2 no. 9:5-6 S '62.

BIBLIOGRAPHY—DMYTRIEV, MYKOLA IZMAILOVYCH, 1886-1957

Mykola Izmailovych Dmitriev, 1886-1957. M. P. Demchenko. Geog. zhur. no. 6:176-183 '62.

BIBLIOGRAPHY—DOMESTIC RELATIONS

"Bibliography of Soviet civil and family law, 1917-1960. Reviewed by S. N. Bratus', F. A. Fleishits. Sov. gos. i pravo 32 no. 10:146-147 O '62.

BIBLIOGRAPHY—DYES AND DYEING—TEXTILE FIBERS

What to read on the dyeing and finishing of textile fibers and fabrics. Tekst. prom. 22 no. 9:93-95 S '62.

BIBLIOGRAPHY—ECONOMICS

[New foreign books on the social sciences; economics, philosophy, history, international relations] Nov. knigi za rub. po ob-shchestv. naukam: ekon., filos., ist., mezhdunar. otn. 5 no. 10 O '62.

[New foreign economic literature] Nov. inostr. ekon. lit. no. 5 '62.

[New Soviet economic literature] Nov. sov. ekon. lit. no. 21 '62.

BIBLIOGRAPHY—EDUCATION

Among the new publications of pedagogical literature. E. Lebedeva. Nar. obr. no. 10:118-120 O '62.

Among the novelties of pedagogical literature. E. Lebedeva. Nar. obr. no. 8:117-120 Ag '62.

Bookshelf. Nar. obr. no. 8:120 Ag '62.

Bookshelf. Nar. obr. no. 10:120 O '62.

BIBLIOGRAPHY—ELECTRIC ENGINEERING

Bibliography. Elektrosviaz' 16 no. 10:77-80, 4 of cover O '62.

BIBLIOGRAPHY—ELECTRIC EQUIPMENT INDUSTRY

From trade journals. Prom. energ. 17 no. 10:52 O '62.

BIBLIOGRAPHY—ELECTRIC POWER PLANTS

Papers published by the State Trust of the Organization and Efficiency of Electric Power Plants during the second half of 1961. V. I. Trombovlia. Teploenergetika 9 no. 10:93-95 O '62.

BIBLIOGRAPHY—ELECTRONIC APPARATUS AND APPLIANCES

Bibliography. Elektrosvias' 16 no. 9:77-80 p. 3 of cover S '62.

BIBLIOGRAPHY—ELECTRONICS

[Annotated bibliography on electronics] Annot. ukaz. lit. po radioelek. 18 nos. 18-19 '62.

BIBLIOGRAPHY—ENGELS, FRIEDRICH, 1820-1895

Friedrich Engels. Kal. znam. i pam. dat. 7 no. 11:59-64 N '62.

BIBLIOGRAPHY—ETHNOLOGY

[New foreign literature on history, archaeology, and ethnography] Nov. inostr. lit. po ist., arkheol. i etn. no. 5 '62.

BIBLIOGRAPHY—FEEDS

Useful booklets on feeds. A. Chernenskii. V mire knig. 2 no. 9:20 S '62.

BIBLIOGRAPHY—FISHERIES

New literature on fisheries. Ryb. khoz. 38 no. 7:81 '62.

New literature on fisheries. Ryb. khoz. 38 no. 8:81 '62.

BIBLIOGRAPHY—FOOD INDUSTRY

Annotations of new books. A. I. Artseva. Konf. i soveshch. prom. 17 no. 10:38-40 O '62.

BIBLIOGRAPHY—GEOGRAPHY

Bookshelf. Geog. v shkole. 25 no. 5:92-94 S-O '62.

New books and articles on geography. I. S. Blinov. Geog. v shkole. 25 no. 5:91-96 S-O '62.

New books of the State Publishing House for Political Literature. T. Bishcheva. Geog. v shkole. 25 no. 11, 35, 76 S-O '62.

BIBLIOGRAPHY—GEOGRAPHY—STUDY AND TEACHING. Materials concerning the topics taught in the first quarter of a school year published in the periodical "Geografiia v shkole" for the benefit of teachers. Geog. v shkole. 25 no. 5:71-76 S-O '62.

BIBLIOGRAPHY—GEOLOGY

Literature on geology received by the library of the Department of Geological and Geographical Sciences of the Academy of Sciences of the U.S.S.R. during June 1962. Biul. AN SSSR, Ser. geol. 27 no. 9:111-115 S '62.

BIBLIOGRAPHY—GERMANY, EAST

German Democratic Republic. Kal. znam. i pam. dat. 7 no. 10:27-32 O '62.

BIBLIOGRAPHY—GLASS MANUFACTURE

From the pages of foreign magazines. Stek. i ker. 19 no. 8:44-46 Ag '62.

BIBLIOGRAPHY—HISTORY

Articles published in Soviet historical periodicals. Ist. no. 9:117-150 S '62.

Foreign reviews of Soviet historical studies. Vop. ist. no. 9:195-197 S '62.

Historical articles in periodicals published in socialist countries. Vop. ist. no. 9:176-177 S '62.

New books. Vop. ist. no. 9:111-116 S '62.

[New foreign books on the social sciences, economics, philosophy, history, international relations] Nov. knigi za rub. po obshchestv. naukam, ekon., filos., ist., mezhdunar. otn. 5 no. 10 O '62.

[New foreign literature on history, archaeology, and ethnography] Nov. inostr. lit. po ist., arkheol. i etn. no. 5 '62.

BIBLIOGRAPHY—HYDROLOGY

Literature on meteorology, hydrology, and ocean[illegible] in 1961. Meteor. i gidrol. no. 10:57-60 O '62.

BIBLIOGRAPHY—HYDROLYSIS

From scientific and technical journals. Gidroliz. i lesokhim. prom. 15 no. 6:3-4 of insert '62.

BIBLIOGRAPHY—INDUSTRIAL MANAGEMENT

Literature on the establishment of work norms and [illegible] in labor work organization. Sots. trud 7 no. 9:158-160 '62.

BIBLIOGRAPHY—INTERNATIONAL RELATIONS

[New foreign books on the social sciences, economics, philosophy, history, international relations] Nov. knigi za rub. po obshchestv. naukam, ekon., filos., ist., mezhdunar. otn. 5 no. 10 O '62.

BIBLIOGRAPHY—KAZAKOV, MATVEI FEDOROVICH, 1738-1812

M. F. Kazakov. Kal. znam. i pam. dat. 7 no. 11:[illegible] '62.

BIBLIOGRAPHY—KIRGHIZ LANGUAGE

Beishekeev, N. [Kirghiz language; a bibliographical literature published from 1929 to 1959] Kirgizskii iazyk; bibliograficheskii ukazatel' literatury, 1929-1959. Otvet. red. K. K. Sartbaev. Frunze, Izd-vo Akad. nauk Kirgizskoi SSR, 1961. 152 p.

BIBLIOGRAPHY—LABOR AND LABORING CLASSES

For you, activists! Sov. profsoiuzy 18 no. 19:[illegible]

BIBLIOGRAPHY—LAW

New Soviet legal literature, June-July 1962. Sov. gos. i pravo 32 no. 10:154-159 O '62.

BIBLIOGRAPHY—LIGHTING

Optics and lighting engineering. Tekh. kino i telev. 6 no. 10:85-89 O '62.

BIBLIOGRAPHY—LITERATURE

[Information bulletin of new foreign books, received by the Lenin Library. Series 3: Social sciences, belles lettres, art] Inform. biul. nov. inostr. knig, postup. v Bibl. im. V. I. Len. Ser. 3: Obshchestv. nauki, khudozh. lit. 5 nos. 27-29 O '62.

[Literature and art of the peoples of the U.S.S.R. and foreign countries] Lit. i isk. nar. SSSR i zarub. stran no. 5 '62.

BIBLIOGRAPHY—MACHINE TOOLS

Books, periodicals. Stan. i instr. 33 no. 9 45-46 S '62

BIBLIOGRAPHY—MACHINERY INDUSTRY

New books. Vest. mashinostr. 42 no. 9:88-89 S '62

Survey of foreign periodicals. Vest. mashinostr. 42 no. 9:90-92 S '62.

BIBLIOGRAPHY—MARSHAK, SAMUIL IAKOVLEVICH, 1887-

S. IA. Marshak. Kal. znam. i pam. dat. 7 no. 11:4-7 N '62.

BIBLIOGRAPHY—MECHANICAL ENGINEERING

Abstracts of monographs published by the Institute of Mechanics of the Academy of Sciences of the Ukrainian S.S.R. in 1959-1961. Prykl. mekh. 8 no. 5 568-570 '62

From foreign periodicals. Mekh. i avtom. proizv. 16 no. 8:62-64 Ag '62.

From Soviet periodicals, July 1962. Mekh. i avtom. proizv. 16 no. 8:60-62 Ag '62.

New books. Mekh. i avtom. proizv. 16 no. 8:58-60 Ag '62.

New books. Vest. mashinostr. 42 no. 9:88-89 S '62

BIBLIOGRAPHY—MEDICAL LABORATORIES

Journal "Gigiena i sanitariia" for 1961. N. C. Akatova, N. I. Khramova. Lab. delo 8 no. 8 61 Ag '62.

BIBLIOGRAPHY—MEDICAL PARASITOLOGY

Soviet literature on the problems of medical parasitology and parasitic diseases published in 1961. N. N. Dukhanina. Med. parazit. i parazit. bol. no. 3 373-373 '62.

BIBLIOGRAPHY—MEDICINE

Index of articles published in the periodical "Meditsinskaia sestra" from 1942-1959. Med. sestra 21 no. 8 63-64 Ag '62.

[Information bulletin of new foreign books, received by the Lenin Library. Series 2 Biological, Medical, and Agricultural Sciences] Inform. biul. nov. inostr. knig, postup. v Bibl. im. V. I. Len. Ser. 2 Biol., med. i sel'khoz. nauki 7 nos. 27-29 O '62

Moscow. Gosudarstvennaia nauchnaia meditsinskaia biblioteka. [Medical literature of the U. S. S. R., an index of books and articles for the second half of 1959] Nauchnaia meditsinskaia literatura SSSR, ukazatel' knig i statei za vtoroe polugodie 1959 g. Sost. Bibliograficheskim otdelom GTsNMB. Pod red. N. S. Korsakovoi. Moskva, Medgiz, 1962. 850 p.

New books. Kardiologiia 2 no. 4:96 Jl-Ag '62.

New books. Kaz. med. zhur. no. 3:4 of cover My-Je '62.

[New foreign books. Series V: Biology, medicine, agriculture] Nov. knigi za rub. Ser. V: Biol., med., sel'khoz. no. 10 O '62

BIBLIOGRAPHY—METEOROLOGY

Literature on meteorology, hydrology, and oceanography in 1961. Meteor. i gidrol. no. 10 57-60 O '62.

BIBLIOGRAPHY—MIDDLE AGES

Soviet studies on the Middle Ages published in 1960. L. I. Frolova. Sred. veka no. 22:285-297 '62

Studies devoted to the social and religious movements of Western Europe and Germany in the Middle Ages. I. M. Edstoeneer. Sred. veka no. 22:200-207 '62.

BIBLIOGRAPHY—MILITIA

Soviet Militia Day. Kal. znam. i pam. dat. 7 no. 11:32-34 N '62.

BIBLIOGRAPHY—MINING ENGINEERING

New books. Shakht. stroi. 6 no. 9 15, 22, 26 S '62.

New books. Shakht. stroi. 6 no. 10, 5 O '62.

BIBLIOGRAPHY—MONGOLIA

Mongolian People's Republic. Kal. znam. i pam. dat. 7 no. 11:54-56 N '62.

BIBLIOGRAPHY—MORPHOLOGY

Bookshelf. B. A. Nikitiuk. Arkh. anat., gist. i embr. 43 no. 7:119-120 Jl '62

BIBLIOGRAPHY—MOTION-PICTURE PHOTOGRAPHY

Filming and projection of motion pictures. Tekh. kino i telev. 6 no. 10:83-85 O '62.

BIBLIOGRAPHY—MOTION-PICTURE PHOTOGRAPHY—FILMS

Motion-picture film and its photographic processing. Tekh. kino i telev. 6 no. 10:80 O '62.

BIBLIOGRAPHY—MUSIC

[Chronicle of musical literature] Let. muz. lit. no. 3 '62

Kananov, P. Kh. and I. P. Vulykh. [Literature published abroad on music, abstract index of books, 1954-1958] Zarubezhnaia literatura o muzyke; referativnyi ukazatel' knig za 1954-1958 gg. Moskva, Sovetskii kompozitor.

No. 1. 1962. 265 p.

BIBLIOGRAPHY—NONFERROUS METALS—PATENTS

Exhibition of patent literature. M. Abgarian. Prom. Arm. 5 no. 9:67 S '62.

BIBLIOGRAPHY—NUCLEAR PHYSICS

New literature. Atom. energ. 13 no. 3, 302-309 S '62

BIBLIOGRAPHY—NURSES AND NURSING

Index of articles published in the periodical "Meditsinskaia sestra" from 1942-1959. Med. sestra 21 no. 8: 63-64 Ag '62

BIBLIOGRAPHY—OCEAN

The ocean lies ahead. Boris Liapunov. V mire knig 2 no. 9 14-15 S '62

BIBLIOGRAPHY—OCEANOGRAPHY

Literature on meteorology, hydrology, and oceanography in 1961. Meteor. i gidrol. no. 10 57-60 O '62.

BIBLIOGRAPHY—OPTICS

Optics and lighting engineering. Tekh. kino i telev. 6 no. 10:85-89 O '62.

BIBLIOGRAPHY—PHARMACY

New books. Med. prom. 16 no. 7 2 of cover Jl '62

BIBLIOGRAPHY—PHILOSOPHY

[New foreign books on the social sciences, economics, philosophy, history, international relations] Nov. knigi za rub. po obshchestv. naukam, ekon., filos., ist., mezhdunar. otn. 5 no. 10 O '62.

BIBLIOGRAPHY—POLAND—NAMES, GEOGRAPHICAL

Toponymic problems in Polish journals, 1957-1960; a bibliographical review. A. P. Korepanova. Movoznavstvo 15, 120-124 '61.

BIBLIOGRAPHY—PRODUCTION STANDARDS

Literature on the establishment of work norms and auxiliary work organization. Sots. trud 7 no. 9:158-159 S '62.

BIBLIOGRAPHY—PUBLISHERS AND PUBLISHING

Soviet literature on problems of publishing, 1945-1960. Kniga, issl. i mat. 6:372-390 '62.

BIBLIOGRAPHY—RADIATION PROTECTION

Russian literature on hygiene and sanitation (during the 2d half of 1960). Radiation hygiene. V. A. Nevskii. Gig. i san. 26 no. 12 105-109 D '61.

BIBLIOGRAPHY—RADIO

Bibliography. Elektrosviaz' 16 no. 8:77-80, p. 3 of cover Ag '62.

"Mass booklet series" for radio amateurs. Radio no. 9:63-64 S '62.

New books. Radiotekhnika 17 no. 9:3 of cover S '62

New books. Radiotekhnika 17 no. 10:3 of cover O '62.

BIBLIOGRAPHY—RADIOACTIVITY

New literature. Atom. energ. 13 no. 3:302-309 S '62.

BIBLIOGRAPHY—RAILROADS

New books. Vest. TSNII MPS 21 no. 6:61 '62.

BIBLIOGRAPHY—RAILROADS—ELECTRONIC EQUIPMENT

Books on automatic control, remote control, and communications. Avtom., telem. i sviaz' 6 no. 9:46 S '62

BIBLIOGRAPHY—RAILROADS—SIGNALING

Books on automatic control, remote control, and communications. Avtom., telem. i sviaz' 6 no. 9:16 S '62

BIBLIOGRAPHY—RARE BOOKS

Hitherto unknown work dating from the time of Peter the Great. A. Kh. Gorfunkel'. Kniga, issl. i mat. 6 123-131 '62.

BIBLIOGRAPHY—REED, JOHN, 1887-1920

John Reed. Kal. znam. i pam. dat. 7 no. 10:33-36 O '62.

BIBLIOGRAPHY—REFRACTORY MATERIALS

Bibliography. Ogneupory 27 no. 8:3 of cover '62.

BIBLIOGRAPHY—RELIGION AND SCIENCE

Science and religion. V mire knig 2 no. 9:10-11 S '62.

BIBLIOGRAPHY—RESTAURANTS, LUNCHROOMS, ETC.

New books. Obshchestv. pit. no. 6, 62 Je '62.

BIBLIOGRAPHY—ROAD CONSTRUCTION

New books. Avt. dor. 25 no. 9:20 S '62.

BIBLIOGRAPHY—ROAD MACHINERY

From the pages of magazines; June 1962. Stroi. i dor. mash. 7 no. 8:39-40 Ag '62.

BIBLIOGRAPHY—RUSSIA

It is for us to build communism. It is for us to live in communism. Z. Faustova. Bibliotekar' no. 10:37-42 O '62.

BIBLIOGRAPHY—RUSSIA—ARMY

Artillery Day. Kal. znam. i pam. dat. 7 no. 11:50-53 N '62.

BIBLIOGRAPHY—RUSSIA—CONSPIRACY OF DECEMBER, 1825

"The Conspiracy of December, 1825; a bibliographic list of studies published in 1928-1959," Reviewed by P. IA. Bukshpan. Ist. SSSR 6 no. 5:181-183 S-O '62.

BIBLIOGRAPHY—RUSSIA—DESCRIPTION AND TRAVEL

Places of literary interest. I. Kozyrev. V mire knig 2 no. 9 17 S '62.

BIBLIOGRAPHY—RUSSIA—ECONOMIC POLICY

Great accomplishments. A. Mogilev, V. Nenashev. V mire knig 2 no. 9 2-3 S '62

The 22d Congress of the Communist Party of the Soviet Union. Kal. znam. i pam. dat. 7 no. 10:4-11 O '62.

BIBLIOGRAPHY—RUSSIA—REVOLUTION, 1917-1921

The Great October Socialist Revolution. Kal. znam. i pam. dat. 7 no. 11:8-19 N '62.

BIBLIOGRAPHY—SANITARY ENGINEERING

Annotated list of literature. Vod. i san. tekh. no. 7:37-38 Jl '62.

List of literature with summaries. Vod. i san. tekh. no. 8 40 Ag '62

BIBLIOGRAPHY—SCIENCE

[Information bulletin of new foreign books, received by the Lenin Library. Series 1 Physical, mathematical, chemical, geological, and geographical sciences, technology and technological sciences] Inform. biul. nov. inostr. knig, postup. v Bibl. im. V. I. Len. Ser. 1. Fiz., mat., khim. i geol.-geog. nauki; tekh. i tekh. nauki 7 no. 28-29 O '62.

[New foreign books. Series A: Mathematics, mechanics, astronomy, physics, geophysics, chemistry, geology] Nov. knigi za rub. Ser. A: Mat., mekh., astron., fiz., geofiz., khim., geol. no. 10 O '62

BIBLIOGRAPHY—SEEDS—STORAGE

"Annotated bibliography of Soviet literature on the quality and storage of pulse crop seeds." No. 1. Reviewed by A. Borodin. Muk.-elev. prom. 28 no. 7:31-32 Jl '62

BIBLIOGRAPHY—SHAPORIN, IURII ALEKSANDROVICH, 1887-

IU. A. Shaporin. Kal. znam. i pam. dat. 7 no. 11:24-27 N '62

BIBLIOGRAPHY—SLAVIC LITERATURE

Bibliography of principal works on the history of the literatures of foreign Slavic peoples published in the U. S. S. R. during 1960. A. A. Zaitseva. Lit. slav. nar. no. 7 212-219 '62

BIBLIOGRAPHY—SOCIAL SCIENCES

[Information bulletin of new foreign books, received by the Lenin Library. Series 3 Social sciences, belles-lettres, art] Inform. biul. nov. inostr. knig, postup. v Bibl. im. V. I. Len. Ser. 3 Obshchestv. nauki, khud. lit., ped. 5 nos. 27-29 O '62

BIBLIOGRAPHY—SOUND—RECORDING AND REPRODUCING

Sound recording and reproducing. Tekh. kino i telev. 6 no. 10, 81-82 O '62.

BIBLIOGRAPHY—SOVIET CENTRAL ASIA—AFFORESTATION

Survey of literature on the improvement of desert and semidesert lands of the U. S. S. R. by afforestation published in 1961. M. P. Petrov. Izv. AN Turk. SSR Ser. biol. nauk no. 1:87-91 '62.

BIBLIOGRAPHY—SOVIET FAR EAST—HISTORY

Liberation of Vladivostok from the Japanese interventionists. Kal. znam. i pam. dat. 7 no. 10:37-41 O '62.

BIBLIOGRAPHY—SPACE FLIGHT

The attack on outer space continues! V mire knig 2 no. 9, 9 S '62.

First group space flight. Kal. znam. i pam. dat. 7 no. 10: 12-16 O '62.

BIBLIOGRAPHY—SPELEOLOGY

New books on speleology. V. Kuznetsova. Nov. kar. i spel. no. 2 113-114 '61.

BIBLIOGRAPHY—STALINGRAD, BATTLE OF, 1942-1943

The great battle on the Volga. Kal. znam. i pam. dat. 7 no. 11:46-49 N '62.

BIBLIOGRAPHY—STATES, NEW—ECONOMIC CONDITIONS

Books which unmask the ideology of colonialism. IU. Semenov, A. Droban. Kommunist 39 no. 16 121-123 N '62.

BIBLIOGRAPHY—STATISTICS

Statistical collections published in 1961. G. Alfutin. Vest. stat. no. 8 80 '62.

BIBLIOGRAPHY—SURGICAL INSTRUMENTS AND APPARATUS

New books. Med. prom. 16 no. 7 2 of cover Jl '62.

BIBLIOGRAPHY—TAENIA

Taenia synchosis; a recommended list of basic literature. Zdravookhranenie 5 no. 4 61-63 Jl-Ag '62.

BIBLIOGRAPHY—TEACHING

Library for teachers. E. Bokhanovich. V mire knig 2 no. 9, 45 S '62.

BIBLIOGRAPHY—TECHNOLOGICAL INNOVATIONS
From foreign periodicals, February 1962. Mekh. i avtom. proizv. 16 no.3:62-64 Mr '62.

From Soviet periodicals. August 1962. Mekh. i avtom. proizv. 16 no.9:60-64 S '62.

BIBLIOGRAPHY TECHNOLOGY
For those who inquire, think, and create. D. Borisov. Tekhnol. i ekon. znan. no.8:15-16 Ag '63.

For workers in popular occupations. Vestn. knig. 2 no.9,17-18 S '62.

[Information bulletin of new foreign books, received by the Lenin Library. Series 1: Physical, mathematical, chemical, geological, and geographical sciences, technology and technological sciences] Inform. biul. nov. inostr. knig, postup. v Bibl. in. V. I. Len. Ser. 1: Fiz. mat., khim. i geol.-geog. nauki; tekh. i tekh. nauki 7 no.28-29 O '62

[New foreign books. Series B: Technology] Nov. knigi v rub. Ser. B: Tekh. 6 no.10 O '62.

On the advanced line of the seven year plan. T. Zhdanova, Ul. Tomashevskii. Vestnik knig. 2 no.9:7-8 S '62.

BIBLIOGRAPHY - TELECOMMUNICATION
Bibliography. Elektrosviaz' 16 no.8:77-80, p. 3 of cover Ag '62.

Bibliography. Elektrosviaz' 16 no.10:77-80, 3 of cover O '62.

BIBLIOGRAPHY -TELEVISION
Television. Tekh. kino i televid. 6 no.10:79-80 O '62.

BIBLIOGRAPHY TEXTILE FINISHING
What to read on the dyeing and finishing of textile fibers and fabrics. Tekst. prom. 22 no.9:93-95 S '62.

BIBLIOGRAPHY--UIGUR PHILOLOGY
"The Uigur language and literature; an annotated bibliography" by A. Kaidarov. Reviewed by T. Tailpov. Izv. AN Kazakh. SSR. Ser. filol. i fak. no.2:92-93 '62.

BIBLIOGRAPHY- UKRAINE
[Ukrainian S.S.R. in the publications of the republics of the Soviet Union] Ukr. RSR v vyd. resp. Rad. Soiuzu 2 no.1 '57.

BIBLIOGRAPHY - UKRAINE- GEOLOGY
Literature on paleontology and stratigraphy of western provinces of the Ukrainian S.S.R. published in 1960. V.A. Bolko, Paleont. sbor. [Lvov] no.1,168-169 '61.

BIBLIOGRAPHY- UKRAINE -PALEONTOLOGY
Book Section of the Geological Museum of the I. Franko University in Lvov. Z.I. Khalilovskii, Paleont. sbor. [Lvov] no.1:165-166 '61.

Current book collections in the Museum of National History of the Academy of Sciences of the Ukrainian S.S.R. in Lvov. V.T. Levitskii. Paleont. sbor. [Lvov] no.1:166-167 '61.

Current book collections of the macro- and microfauna held in the Department of Tectonics and Stratigraphy of the Institute of the Geology of Mineral Deposits of the Academy of Sciences of the Ukrainian S.S.R. R.V. Rozumeiko. Paleont. sbor. [Lvov] no.1,167 '61.

Current literature on microfauna held in the Ukrainian Scientific Research Institute for Mining and Ore Dressing. R.A. Kontenok. Paleont. sbor. [Lvov] no.1:167-168 '61.

BIBLIOGRAPHY- WATER-SUPPLY ENGINEERING
List of literature with annotation. Vod. i kan. tekh. no.8:48 Ag '62

BIBLIOGRAPHY- WOOD- CHEMISTRY
Annotations. Gidroliz i lesokhim. prom. 15 no.6:32 '62.

and technical journals. Gidroliz. sb. 15 no.6:3 i of insert '62.

WOOD USING INDUSTRIES
[Woodworking and paper industries] Lit. po lesn. i bum. proms. no.61 '62.

BIBLIOGRAPHY- WOODPULP INDUSTRY
From pages of foreign journals. Bum. prom. 37 no.9:31-32 S '62.

BIBLIOGRAPHY--WOODWORKING INDUSTRIES
New books. Der. prom. 11 no.10 insert:2-4 O '62.

BIBLIOGRAPHY- -YOUTH
World Youth Day. Kul. znani. i pars. dat. 7 no.11:35-36 N '62.

BIBLIOGRAPHY--ZAGLADA, NADEZHDA GRIGOR'EVNA
Work and honor are inseparable. Bibliotekar' no.10:1 O '62.

BIBLIOGRAPHY (THEORY, METHODS, ETC.)
Aids for those who guide reading. V. Kosmylev. Bibliotekar' no.10:19 bl. O '62.

BIBLIOGRAPHY (THEORY, METHODS, ETC.)—CONGRESSES
Soveshchanie po rekomendatel'noi bibliografii, 1960. [Collection of materials of the Conference on Bibliographies of Recommended Literature] Sbornik materialov. Moskva, M-vo kul'tury RSFSR, 1961. 185 p.

BICILLIN—TOXICOLOGY
Case of severe anaphylactic reaction to the administration of bicillin-3, V.M. Bykhovskii. Klin. med. 40 no.6:142-143 Je '62

BICYCLOHEPTANE
Synthesis of endo- and exo-2 methylbicyclo [2, 2, 1] heptanes. Steric directivity of the reaction of cyclopentadiene with propylene. N.A. Belikova, V.G. Berezkin, A.F. Plate. Zhur. ob. khim. 32 no.9:2943-2951 S '62

BICYCLONONANE
Bicyclic systems on the basis of 2, 6-lutidine. Part 6. Synthesis of 3, 9 diazabicyclo [4, 3, 1] nonane. Z.S. Nikitskaia, V.S. Umovskaia, M.V. Rubtsov. Zhur. ob. khim. 32 no.9:2806-2808 S '62

BILAL NAZIM, YUSUF
Characteristics of the lyric poetry of Bilal-Nazim [in Kazakh with summary in Russian]. O. Mamatkhanov. Izv. AN Kazakh. SSR. Ser. filol. i fak. no.2:31-42 '62.

BILE
Diagnosis of chronic cholecystitis and the clinical importance of some methods of studying the bile. A.I. Landa, A.A. Krylov, A.G. Truffanov. Kaz. med. zhur. no.4 17-19 My-Je '63.

BILIARY TRACT DISEASES
Disorders of the function of the pancreas in diseases of the liver and biliary tract. N.A. Burg. Kaz. med. zhur. no.3:19-24 My-Je '62

Indications and contraindications for treating patients with biliary tract diseases at balneological health resorts. I.S. Savenkov, Yep. Ivan., Sirotet, I. Ivch. B., Feld. 37 no.9:191-197 My-Je '62.

BILIARY TRACT SURGERY
Anesthesia methods in operations for diseases of the biliary tract. I.G. Porovskii, G.M. Pobotova, I.S. Bogomolets. Klin. khir. no.7:54-58 Jl '62.

BINDING MATERIALS
Binding properties of some rocks from the Mariinsk deposit. P.P. Ostapchenko, V.V. Zhukova. Stroi. mat. 8 no.8:35-36 Ag '62.

Hydration kinetics of mineral ingredients in portland cement clinker. V.B. Ratinov, A.P. Ivanov. Dokl. AN SSSR 146 no.1:148-151 S '62.

BINDWEED see subdivision under Azerbaijan

BIOCHEMISTRY
Lietuvos TSR Mokslu akademijos Vilnia. Botanikos institutas. [Problems of physiology and biochemistry; a festschrift in honor of the 70th birthday of Professor VI. Iaroo, M.S., Corresponding Member of the Academy of Medicine of the Lithuanian S.S.R., Member of the Academy of Sciences of the Lithuanian S.S.R.] Fiziologijos ir biochemijos klausimai, TSRS Mokslinius mokslu akademijos nario korespondento, Lietuvos TSR Mokslu akademijos, akademiko, medicinos mokslu daktaro, profesoriaus VI. Iaroo 70 metu sukakciai paminetti. Vilnius, 1962. 274 p. [In Lithuanian with summaries in Russian]

BIOLOGICAL PRODUCTS
Mitrofanov solution. Med. sestra 21 no.9:40-41 S '62

Single visit treatment of pulpitis with Znalevskii's so-called biological paste. M.M. Gindrone, G.S. Mitarova. Stomatologiia 41 no.1:83-84 Ja-F '62.

BIOLOGICAL RESEARCH
Plenum of two scientific councils. I.A. Khotimovaia, Vestn. AN S.S.R. 32 no.9:137-139 S '62.

BIOLOGICAL RECEIVERS see subdivision under Azerbaijan

BIOLOGISTS, BRITISH
Principle of natural selection in the works of some English biologists in the 1810's to the 1870's. S.L. Sobol'. Trudy Inst. ist. est. i tekh. 40:197-217 '62.

BIOLOGY
Nikolai Evgen'evich Vvedenskii's views of general biology and evolution. N.A. Grigorian. Trudy Inst. ist. est. i tekh. 40:180-220 '62.

BIOLOGY - ABSTRACTS
[Biology] Ref. zhur.: Biol. nos.10-20 O '62.

BIOLOGY--BIBLIOGRAPHY see Bibliography--Biology

BIOLOGY PHILOSOPHY
Main problems of biological science and ways for their solution. S.A. Iakushev. Agrobiologiia no.4:483-504 Jl Ag '62

Special features of the biological form of the motion of matter. T. Martynenko. Komm. Ukr. 38 no.9:13-21 S '62.

BIOLOGY--STUDY AND TEACHING
Let's raise biological education to the level of present-day requirements. B.G. Iogansen and others. Vest. vys. shkoly 20 no.9:24-30 S '62.

Let's raise the teaching of biology to the highest level. I. Chudova, V. Fedorova. Nar. obr. no.8:48-50 Ag '62

BIOLOGY, EXPERIMENTAL see subdivision under Kazakhstan

BIOPSY EQUIPMENT AND SUPPLIES
Forceps-extractor for biopsy in closed tumors of the larynx. B.S. Preobrazhenskii, IA.V. Levin. Vestn. otorin. no.5:76-77 '62.

BIOSYNTHESIS
Genetics of the biosynthesis of proteins. I.I. Ginetsinskii. Priroda 51 no.7:44-46 Jl '62.

BIOTITLE SPECTRA see subdivision under Soviet Far East

BIPHENYL
Synthesis of some derivatives of biphenyl. N.S. Kozlov, Z.A. Abramova. Zhur. ob. khim. 32 no.8:2476-2478 Ag '62

BIPHENYL PHYSIOLOGICAL EFFECT
Hygienic evaluation of diphenyl as an air pollutant. G.I. Solonin. Pred. dop. kontsent. atmosf. vozd. no.6:146-151 '62.

BIRDS see subdivision under Kirghizstan

BIRDS BEHAVIOR
Bird which uses tools for getting food. N.N. Dmitriev. Priroda 51 no.6:121 S '62.

BIRDS EMBRYOLOGY see Embryology Birds

BIRDS MIGRATION
Characteristics of the distribution of hibernation places and migration routes of bird population [with summary in English]. A.V. Mikheev. Zool. zhur. 41 no.8:1230-1239 Ag '62

Unexpected encounters. Priroda 51 no.7:94-95 Jl '62

BIRDS AS CARRIERS OF DISEASE
Role of birds as hosts of ixodid ticks in the natural foci of encephalitis in the forest zone [with summary in English]. I.I. Rogozhnyi. Zool. zhur. 41 no.8:1220-1225 Ag '62

BIRDS IN WINTER
Characteristics of the distribution of hibernation places and migration routes of bird population [with summary in English]. A.V. Mikheev. Zool. zhur. 41 no.8:1220-1229 Ag '62

BIRDS OF PREY
On the birds attacking people. P.V. Ivanov, Veli. V.A. Zakharov. Priroda 51 no.7:91-96 Jl '62

BIRTH, MULTIPLE
Cases of fertilization in females of one and a half years of age [with abstract in English]. V.A. Shchenko. Dokl. AN SSSR 146 no.2:450-452 S '62

Classification of types of pyelic depots and its application. V.I. Shchenko. Dokl. AN SSSR 146 no.2:450-452 S '62

BIRYUSA RIVER FLOODS
Flood in the Low Ayul' R. Bas. in Aug. 1960 and methodology of calculating the runoff of this flood. I.I. Shchenko, R.V. Samoilova, M.V. Tsyplenkova. Trudy Gos. no.98:101-103 '62.

BITUMEN
Increasing the refractoriness of bitumen. G. Stepanenko, B. Leshchyev. Rech. mat. Leningrad 41, 4 no.2:49-50 Mr Ap '62.

BITUMEN- ANALYSIS see subdivision under Ozerk Valley

BITUMEN GEOLOGY see subdivision under Alai Plateau, Fergana

BITUMINOUS MATERIALS
Cosmopol resin as an activating additive for bitumen mineral mixtures. Bi. Zolotarev. Avt. dor. 25 no.5:26-28 S '62.

BLACK BODY
Control of electric and thermal conditions of a furnace used for the reproduction of a black body. G.P. Ivanitskii. Stand. GABSI no.120,3:3-7 '62

Establishing reference point of temperature scale for the reproduction of a black body at high temperature. G.P. Ivanitskii. Stand. GABSI no.1:9,10,18 '62.

BLACK EARTH see Chernozem soils

BLACK FLIES see subdivision under Karelia, Murmansk Province

BLACK LANDS see Chernyye Zemli

BLACK-LEAD see Graphite

BLACK SEA—DIATOMS
Age and morphology of some Caspian-Black Sea species of the genus Thalassiosira Cl. I.V. Makarova. Bot. zhur. 47 no.7:1015-1017 Jl '62.

BLACK SEA—SHRIMPS

Acclimatization of the Pacific shrimp in the Black Sea IU IA. Mishatcv Ryb khoz 38 no. 8 20-22 '62

BLACK SEA—WATER—PURIFICATION

Conference on oceanography and maritime meteorology in Tuapse. A. A. Kalugina. Izv Vses. geog. ob-va 94 no. 4:363-364 Jl-Ag '62.

BLACK SEA LOWLAND—LAMELLIBRANCHIATA, FOSSIL

Lamellibranchiata of Oligocene Corbula beds of the Black Sea Lowland. M. F. Nosovskii. Paleont zhur no. 3 29-39 '62

BLACK SEA REGION—CONSERVATION OF NATURAL RESOURCES

Conference on oceanography and maritime meteorology in Tuapse A. A. Kalugina. Izv Vses geog. ob-va 94 no. 4:363-364 Jl-Ag '62.

BLACK SEA REGION—PALYNOLOGY

Spore and pollen complexes of the Upper and Middle Miocene of the northern part of the Black Sea Lowland [with summary in English]. V. V. Kotallova Ukr bot zhur. 19 no. 4 55-62 '62.

BLADDER—CANCER

Late results of bladder resection for cancer with ureterocystoneostomy [with summary in English]. L. M. Rubkova Trudy Inst. onk AMN SSSR no 4:89-93 '62

BLADDER—DISEASES

Schistosomiasis (bilharziosis) of the urinary bladder in children [with summary in English] E. G. Aslamazov Med. paraz. i parazit. bol. no. 3, 317-323 '62.

BLADDER—INNERVATION

State of the electric activity of the reticular formations of the brain stem during chemical stimulation of the receptors of the bladder. G. K. Kadyrov, G. S. Agasi. Izv. AN Azerb. SSR, Ser. biol. i med. nauk no. 3: 119-130 '62

BLADDER—TUMORS

Use of podophyllin for treating tumors of the bladder. N. S. Bankovskii and others. Vop. onk. 8 no. 8 21-24 '62.

BLADES

Selecting the number of pump blades A. M. Sedor. Stan. i instr. 33 no. 8:8-10 S '62

BLANK, VLADIMIR BORISOVICH, d 1961

In memoriam V. B. Blank. Lab. delo 8 no. 8, 62 Ag '62

BLAST FURNACES

(see also subdivision under Japan, Ukraine, United States)

Changes in the correlation between flows of gas and charge materials and inside each of the flows N. G. Makhanek Izv vys. ucheb. zav., chern met 5 no 8 29-31 '62

Errors in gas flow control and the distribution of materials in the blast furnace top. A. B. Shur. Metallurg 7 no. 8 2-5 Ag '62.

High temperature heating of a blast furnace blow IA. P. Kulikov, I. N. Kardashevich, V. A. Borokin Met i gornorud prom no 3:6-10 My-Je '62.

Installation of the technical pipes of a blast furnace. V. Z. IAkimuk Mont. i spets. rab. v stroi 24 no. 8, 8-12 S '62

Operation of blast furnaces with injection of natural gas. S. A. Shaladsenidze and others. Metallurg 7 no. 8 3-7 S '62.

BLAST FURNACES—COMBUSTION

Acceleration of combustion processes in a blast furnace hearth V. I. Loginov Izv. vys. ucheb. zav., chern met 5 no 8, 21-28 '62.

BLAST FURNACES—COOLING

Cooling blast furnace hearths by cellular panel coolers [translated from the Hungarian]. László Földi. Metallurg 7 no. 10:22-23 O '62.

BLAST FURNACES—DESIGN AND CONSTRUCTION

All-cast small bell. V. Pashinskii, G. Vakulenko. Metallurg 7 no. 10:26-27 O '62.

Design and durability of blast furnace hearths and hearth bottoms. A. N. Chernlatin, S. M. Tleugabulov. Metallurg 7 no. 9, 7-9 S '62.

Durability of a blast furnace hearth and hearth bottom. N. L. Ovchatenko Metallurg 7 no. 10:24-25 O '62

BLAST FURNACES—EQUIPMENT AND SUPPLIES

Equipment for cooling and loading cast iron on cars. D. M. Rozhkov, A. V. Annin. Metallurg 7 no. 8:7-9 Ag '62.

Mechanizing the process of opening the iron notch. G. A. Panov, M. A. Zalevskii. Metallurg 7 no. 8, 5-7 Ag '62.

BLAST FURNACES—MAINTENANCE AND REPAIR

General overhaul of a blast furnace E. G. Galaton. Met. i gornorud prom. no. 4 10-15 Jl-Ag '62

Stationary arrangement for the blowing of blast furnace coolers with compressed air. V. P. Emel'ianov. Metallurg 7 no. 10:27 O '62.

BLASTING

(see also subdivision under Great Britain; Kirghizistan, Krivoy Rog Basin; Sweden)

Action of the detonation of a charge in a fractured medium. B. N. Kuznetsov, I in'De-IUI [Lin Te-yu]. Gor. zhur no. 9:41-47 S '62.

Breaking down a bench by detonating a vertical borehole charge IU. V. Gaek Vzryv delo no 50/7 46-55 '62

Camouflet as builder. Tekh. mol. 30 no. 9:11 '62.

Change in the size of ore in systems with large-scale blasting M. D. Fugzan, N. A. Voronkov Vzryv delo no 50/7 157-161 '62.

Correlation of the velocity of seismic vibrations of particles with the occurrence of liquefaction of water-bearing sand S. V. Puchkov Trudy Inst. fiz. Zem. no. 21 Vop. inzh. seism no 6 113-117 '62

Delay intervals in short-delay blasting G. P. Demidiuk Vzryv delo no 50/5 33-44 '62

Effect of fracturing on the nature of rock shattering by blasting M. F. Drukovanyi, IU. V. Gaek, V. V. Mishin. Vzryv delo no. 50/7 98-103 '62

Effect of the quality of ore shattering in breaking on the productivity of labor I. A. Barsukov Vzryv delo no. 50/7:153-156 '62

Effect of the volume of free space on the shattering of ore in blasting. B. L. Rozinoer. Vzryv. delo no 50/7 141-147 '62

Electric blasting in sections which are hazardous because of stray currents. V. M. Ruchkin, R. IA Strausman. Vzryv. delo no. 50/5:87-92 '62

Features of breaking and shattering rock by blasting in a narrow stope. A. F. Nazarchik, V. V. Chudakov Vzryv delo no. 50/7:148-153 '62.

Features of shattering fractured massifs by blasting. V. K. Rubtsov. Vzryv. delo no 50/7 114-121 '62

Formation of horizontal cavities by explosion of elongated charges in soils [with summary in English] I. I. Danylenko. Prykl. mekh. 8 no 1:113-116 '62

IVTs-2 blasting circuit tester. Shakht. stroi. 6 no. 10 3 of cover O '62.

Industrial testing of commercially produced KZDSh-58 pyrotechnical relays. S. A. Davydov, L. S. Komarova. Vzryv. delo no. 50/5, 111-112 '62.

Installation of an electric blasting network in shattering oversized rocks. E. P. Gorbacheva. Vzryv delo no. 50/5:98-101 '62.

Instructions on studying the seismic action of blasts on structures. P. A. Kirillov, S. V. Medvedev, V. M. Shamin. Trudy Inst. fiz. Zem. no. 21. Vop. inzh. seism. no 6 118-129 '62

Interconnection between the parameters of a shock wave in a charge holder and a pressure wave in a rock. A. N. Khanukaev, V. A. Borovikov. Vzryv. delo no. 50/7:29-39 '62

Kutuzov, B. N., and M. A. Pshenichnyi. [Blaster in open-pit mines] Vzryvnik na otkrytykh gornykh razrabotkakh. Moskva, Gosgortekhizdat, 1962. 154 p.

Laboratory studies of the size characteristics in blasting. F. P. Maksimova Vzryv. delo no 50/7:55-56 '62

Liakhov, G. M., and G. I. Pokrovskii. [Blast waves in soils] Vzryvnye volny v gruntakh. Moskva, Gosgortekhizdat, 1962. 101 p.

Lowering the seismic effect of a blast in short-delay blasting. IA. I. TSeitlin, I. A. Ershov. Trudy Inst. fiz. Zem. no. 21. Vop. inzh. seism. no 6 104-111 '62

Method of blasting minerals with flat charges. Sh. G. Gamsakhurdiia. Vzryv delo no. 50/7 184-189 '62.

Modern methods and means of blasting L. A. Paporotskii Vzryv. delo no 48/5:5-8 '62.

Piercing holes in a reinforced concrete wall using cumulative charges. A. A. Deribas and others. Transp. stroi. 12 no 8 51-52 Ag '62.

Proximity coefficient of charges. IU. V. Gaek, M. F. Drukovanyi, V. V. Mishin. Vzryv. delo no. 48/5:113-122 '62

Relationship between the dimensions and design of blasting charges and the rock breaking effect. M. G. Geokchaklan. Izv vys. uch. zav., i gor zhur. 5 no 6:78-84 '62.

Relationship between the resultant shattering of a medium and the coefficient of charging P. S. Danchev. Vzryv. delo no. 50/7, 71-78 '62

Reply to A. I. Churakov's article "Upraise mining by means of sectional blasting of deep holes in mines of the Kursk Magnetic Anomaly" B. G. Tregubov and others Gor. zhur. no. 9:78-79 S '62.

Residual deformation of soils during the formation of cavities by the explosion of HB charges [with summary in English]. I. I. Danylenko. Prykl. mekh. 8 no. 5 530-533 '62.

Results of using new methods of short delay blasting in underground mining operations. G. M. Malakhov and others. Met. i gornorud. prom. no. 4 45-51 Jl-Ag '62.

Seismic effect of blasting in mines. S. V. Medvedev, G. A. Liamzina. Trudy Inst. fiz. Zem. no. 21. Vop. inzh. seism. no 6 73-102 '62

Seismic effect of draw blasting in nonrocky cohesive soils. N. V. Kuz'mina and others. Trudy Inst. fiz. Zem. no. 21. Vop. inzh. seism. no. 6:3-72 '62

Shattering of coal in mining using borehole charges in Kuznetsk Basin mines. A. P. Shirokov. Vzryv. delo no. 50/7:176-184 '62.

Shattering of rocks in instantaneous and short-delay firing M. F. Drukovanyi, IU. V. Gaek, V. V. Mishin Vzryv delo no. 50/7:11-14 '62

Study of some regularities of secondary blasting in open pits L. I. Baron, N. F. Adrianov. Vzryv. delo no 50/7 162-175 '62.

Study of the danger of stray currents in using electric detonators with nichrome filament bridges D. M. Kushnarev, V. P. Pavlov. Vzryv delo no 48/5 97-98 '62.

Study of the effect of the diameter of an elongated charge on the result of blasting with low values of the line of least resistance V. S. Ivanov. Nauch. zap. IGD 12 107-118 '61.

Study of the shattering of rocks P. P. Makalinova Vzryv. delo no 50/7:104-109 '62

Studying the seismic effect of blasts in the Institute of Earth Physics of the Academy of Sciences of the U. S. S. R. E. A. Kirillov Trudy Inst. fiz. Zem. no. 21. Vop. inzh. seism no 6 124-136 '62

Testing of blasting delay elements M. I. Kandyba and others. Met. i gornorud. prom. no. 1 81-83 Jl-Ag '62

Use of cartridge water steaming. P. A. Demchuk, I. A. Tikhomirov. Ugol' Ukr. 6 no. 9 10-11 S '62.

Use of the KZDSh-58 relay in the Sibay Mine V. K. Rubtsov. Vzryv delo no. 48/5:106-111 '62

Using the method of modeling on an electrical hydrodynamic apparatus to study the shattering of ore in blasting I. M. Pomin, Van Tszun-tan [Wang TSung-t'ang]. Vzryv delo no. 50/7:14-18 '62.

BLASTING—COSTS

Analysis of the conditions for feasibly increasing the finished fraction size in open pits G. S. Cherepanov. Vzryv delo no. 50/7 121-131 '62.

BLASTING—ELECTRIC EQUIPMENT

Selection of the means of short-delay blasting. S. A. Davydov. Vzryv. delo no. 48/5:104-108 '62

BLASTING—EQUIPMENT AND SUPPLIES

Blasting coal with "Hydrox-T" cartridges. D. I. Adamidze, Z. A. Odnopozov, V. V. Nachinkin Vzryv. delo no 50/7 180-184 '62

Device for checking the contactors of the VMK-3/50 condenser I. M. Moshuk Vzryv. delo no 48/5 21-24 '62.

Effect of the parameters of Ardox cartridges on the efficiency of coal blasting. D. I. Adamidze. Vzryv. delo no 50/7:195-202 '62

Industrial testing of a machine for charging a hole with "Igdanit." D. M. Kushnarev and others. Gor. zhur no. 9:46-47 S '62.

The SUZN-2 and SUZN-3 charging units. A. S. Belanovskii. Biul. tekh.-ekon. inform. Gos. nauch.-issl. inst. nauch. i tekh. inform. no. 9:14-16 '62

BLASTING—MODELS

Effect of the amount of free space on the shattering of a uniform massif in blasting A. N. Ovsiannikov. Vzryv. delo no 50/7:79-83 '62.

Laboratory studies of the breaking of a medium in detonating charges having different diameters L. I. Baron, V. S. Ivanov. Vzryv. delo no 50/7:64-70 '62.

Methodology of laboratory modeling of blasting G. P. Demidiuk, S. A. Sultanov Vzryv delo no. 50/7:50-62 '62.

Study of the action of a blast in a fractured medium. L. I. Baron, G. P. Lichelli, R. F. Nikitchenko Gor. zhur. no. 9:43-46 S '62.

BLEACHING

Bleaching of bleach and aspen woodpulp. E. P. Kononov. Bum. prom. 37 no. 8, 20-22 S '62.

Bleaching of fabrics with sodium chloride in alkali medium. A. A. Smirnov-Pavskii. Tekst. prom. 22 no. 9:81 S '62.

BLEEDING see Hemorrhage

BLENNIES (FISH) see subdivision under Cape Breton Island

BLINDNESS—DIAGNOSIS see subdivision under Bulgaria

BLOOD—ANALYSIS AND CHEMISTRY

Determination of the content of sulfhydryl groups in the blood by amperometric titration. V. V. Sokolovskii. Lab. delo 8 no. 8:3-6 Ag '62.

Quantitative determination of α-keto acids in the blood by the method of paper chromatography. IU. M. Ostrovskii, V. A. Zimakina. Lab. delo 8 no. 8:10-11 Ag '62

BLOOD—CIRCULATION

Comparative characteristics of the hemodynamic indices during the night in peptic ulcer and hypertension L. V. Zakharov. Terap. arkh. no. 8:60-65 '62.

BLOOD—CIRCULATION, ARTIFICIAL

Neutralization of heparin by protamine sulfate during artificial blood circulation. M. IA. Khodas, G. Kh. Plotnitskaia, A. S. Zhidovetskaia. Klin. khir. no. 7: 59-62 Jl '62.

BLOOD—CIRCULATION, DISORDERS OF

Blood flow rate in children with rheumatism. V. V. Getsel. Zdravookhranenie 5 no. 4 23-29 Jl-Ag '62

Problems in the therapeutic and prophylactic use of physical exercises in diseases of the organs of circulation and respiration at the All-Union Conference on Medical Control and Exercise Therapy. D. G. Matoshina, V. M. Matoshin. Vop. kur., fizioter. i lech. fiz. kultu. 27 no. 3: 282-286 My-Je '62.

Role of ischemia of the kidneys in the pathogenesis of hypertension [with summary in English] N. L. Aslanian, G. A. Aslanian. Kardiologiia 2 no. 4 27-31 Jl-Ag '62

BLOOD—COAGULATION

Blood coagulation in retention jaundice. P. A. Tepper, I. N. Chernysheva. Terap. arkh. no. 6: 21-29 '62

Effect of changes in blood coagulation on the adhesive capacity of thrombocytes. D. M. Zubairov, G. I. Derbenev. Tsitologiia 4 no. 4 465-467 Jl-Ag '62

BLOOD—DISEASES

(see also subdivision under Kishinev)

Controversial problems in hemoderma [with summary in English]. V. IA. Arutiunov, P. I. Golemba. Vest. derm. i ven. no. 6: 7-13 '62.

BLOOD—EXAMINATION

Changes in the blood and hemopoietic organs in periarteritis nodosa. V. E. Ivanovskii. Probl. gemat. i perel. krovi no. 6: 28-31 '62.

Hematological changes in rabbits during their immunization with Multiceps antigens. T. V. Ivanova. Trudy *Kust. NIVS* no. 1: 362-365 '60

BLOOD—SEDIMENTATION

Reticulocytes and the erythrocyte sedimentation reaction during total fasting (without restriction of water) and subsequent alimentation in human subjects. IU. L. Shapiro. Lab. delo 8 no. 8: 15-19 Ag '62.

BLOOD—TRANSFUSION

Determination of the isoantigenic compatibility of the blood by means of conglutination under conditions of a district hospital. I. V. Dobrinchenko. Med. sestra 21 no. 8: 17-21 Ag '62.

Exchange blood transfusion to a newborn infant through the external jugular vein. N. P. Artemenko. Vop. okh. mat. i det. 7 no. 8: 81-82 Ag '62.

Technic of intra-arterial blood transfusion. B. T. Pushkarenko. Probl. gemat. i perel. krovi no. 6: 51-54 '62.

Work experience of a blood transfusion department in a regional hospital. I. V. Gukevich. Probl. gemat. i perel. krovi no. 6, 54-55 '62.

BLOOD, GASES IN

Gaseous composition of the blood in the differential diagnosis of infectious and mechanical jaundice [with summary in English]. V. P. Bezuglyi. Terap. arkh. no. 6: 30-34 '62.

Gases in the blood in cirrhosis of the liver and chronic hepatitis [with summary in English] V. D. Trachev, A. S. Loginov. Terap. arkh. no. 6: 17-21 '62.

BLOOD CELLS

Case of prolonged remission in acute leucosis-hemocytoblastosis. A. G. Pinus. Probl. gemat. i perel. krovi no. 6: 48-50 '62

Reticulocytes and the erythrocyte sedimentation reaction during total fasting (without restriction of water) and subsequent alimentation in human subjects. IU. L. Shapiro. Lab. delo 8 no. 8: 15-19 Ag '62.

BLOOD DONORS

Detection of Rhesus antibodies in the blood serum of Rhesus negative donors. S. E. Gurevich, A. G. Bashlai. Probl. gemat. i perel. krovi no. 6, 39 '62.

BLOOD GROUPS

thods and technique for studying
human fetuses. M. A.
ved. eksperi. 5 no. 3:

TERILIZATION
e sterilization of blood
ons in an ultrasonic
nat. i perel. krovi no. 6:

ion on the adhesive
Zubairov, G. I. De
107 Jl-Ag '62.

ertension

f interoceptive influ-
the vitamin C content
acity of blood proteins.
SSR. Ser. biol. i med

f sialic acid and the
ific lung diseases.
no. 3: 57-58 My-Je

Comparative evaluation of the changes in the protein fractions and the diphenylamine reaction of the blood serum as indices of the activity of the rheumatic process. E. B. Shnaider. Zdravookhranenie 5 no. 1 29-32 Ja-Ag 62

Diagnostic importance of determining the protein fractions and sialic acid in "pulseless disease". S. G. Khacharova. Kaz. med. zhur. no. 3 55-57 My-Je '62

Effect of overheating on the change of protein composition in the blood serum. N. V. Stefanovskaia. Izv. AN Turk SSR, Ser. biol. nauk no. 3, 56-60 '62.

Protein composition of and lipoproteins in the blood serum in syphilitic aortitis. N. N. Madievskaia, M. P. Frishman. Vest. derm. i ven. no. 8: 65-70 '62

BLOOD SUGAR

Determination of the blood sugar using Sahli's hemometer as a comparator stand. M. A. Gorfinkel'. Lab. delo 8 no. 8: 50-51 Ag '62

Effect of the removal and denervation of the pancreas on interoceptive reflexes affecting the sugar content of the blood. B. G. Kuznetsov. Izv. AN Azerb. SSR, Ser. biol. i med. nauk no. 5: 93-100 '62

BLOOD VESSELS

Balmukhanov, S. B. [Vascular reactions in radiotherapy] Sosudistye reaktsii pri luchevoi terapii. Alma-Ata, Izd-vo Akad. nauk Kazakhskoi SSR, 1962. 227 p. (DNLM)

Macro-and microscopic studies of the vascular system in malignant tumors [with summary in English] D. A. Zhdanov, N. V. Kiylova. Arkh. anat., gist. i embr. 43 no. 7: 27-30 Jl '62

BLOOD VESSELS—DISEASES

Rheumatic vasculitis with chiefly cutaneous localization. N. N. Kolotova, A. I. Sorokinskaia. Vest. derm. i ven. no. 8: 45-50 '62.

BLOOD VESSELS—RADIOGRAPHY see Angiography

BLOOD VESSELS—SURGERY

Omsk. Meditsinskii institut. Kafedra fakul'tetskoi khirurgii. [Materials from the scientific session of the Department of Faculty Surgery, devoted to the surgical treatment of diseases of the blood vessels and the organs of the gastrointestinal tract] Materialy nauchnoi sessii kafedry fakul'tetskoi khirurgii, posviashchennoi khirurgicheskomu lecheniiu zabolevanii krovenosnykh sosudov i organov zheludochno-kishechnogo trakta. Omsk, 1962. 56 p (DNLM)

BOARDING SCHOOLS

"Educational work in boarding schools." Reviewed by A. Ivashyn. Nar. asv. no. 9: 89-90 S '62.

Residential buildings for boarding schools. V. Kovankovskii, O. Rzhekhina. Arkhit. SSSR no. 8: 53-57 '62

BOATBUILDING—HANDBOOKS, MANUAL, ETC.

Romanenko, L. L., and L. S. Shcherbakov. [Motor boat, manual for amateurs] Motornaia lodka, posobie dlia liubitelei 2., dopr. i dop. izd. Leningrad, Sudpromgiz, 1962. 336 p

BOBAYBO—MASSACRE, 1912

Kudriavtsev, F. A., ed. [Harbinger of the revolutionary storm, a historical study, source materials, and reminiscences] Predvestnik revoliutsionnoi buri, istoricheskii ocherk, dokumenty, vospominaniia. [Irkutsk] Irkutskoe knizhnoe izd-vo. 1962 208 p

BODY FLUIDS

Effect of inductothermy on the temperature of the blood, the bile, gallstone, the liver and metal. L. A. Skakhkina, N. A. Gavrilova. Vop. kur., fizioter. i lech. fiz. kult. 27 no. 3: 210-215 My-Je '62.

Liquorrhea following adenotomy in a child with undiagnosed nasopharyngeal cerebral hernia. A. A. Torkel'. Vest. otorin. no. 5: 81-82 '62.

BODY TEMPERATURE

Effect of the density of distribution of mulberry silkworms on their body temperature [in Armenian with summary in Russian]. P. L. Petrosian. Izv. Up. sel'khoz. nauki Arm. SSR 5 no. 6: 87-89 '62.

"Temperature analyzer and its role under normal conditions and in some types of pathological conditions" by V. A. Likhtenshtein. Reviewed by L. S. Kendror. Gig. i san. 26 no. 12: 101-102 D '61.

BOGACHEV, PAVEL MIKHAILOVICH, d. 1962

P. M. Bogachev. Bibliotekar' no. 10: 64 O '62.

BOGDANOV, ELLII ANATOL'EVICH, 1872-1931

Professor E. A. Bogdanov; on his 90th birthday. P. A. Baryshnikov. Izv. TSKHA no. 2: 184-187 '62.

BOGDANOV, MODEST NIKOLAEVICH, 1841-1888

Zoologist, ecologist and zoogeographer Modest Nikolaevich Bogdanov. N. N. Banina. Trudy Inst. ist. est. i tekh. 40: 292-301 '62.

BOGOMOLETS, ALEKSANDR ALEKSANDROVICH, 1881-1946

Eminent Soviet pathophysiologist A. A. Bogomolets. IU. A. Shilinis. Med. sestra 21 no. 9: 54-55 S '62.

BOGORODITSKII, NIKOLAI PETROVICH, 1902-

Nikolai Petrovich Bogoroditskii, on the occasion of his 60th birthday. S. I. Zilitinkevich. Izv. vyss. ucheb. zav., mash. 5 no. 11: 125-126 '62

BOHEMIA—CORALS, FOSSIL

Taxonomic status and stratigraphic distribution of the genus Paterophyllum Počta. A. B. Ivanovskii. Trudy SNIIGGIMS no. 8: 88-91 '60.

BOILERS

Traveling boiler house for heating buildings. D. Borshchov, V. Losev. Stroi. i arkhit., Mosk., 11 no. 9: 34-37. S '62.

BOILERS—DESIGN AND CONSTRUCTION

Heat calculations and planning of small boiler units for industrial boiler rooms. S. V. Fatishchev. Teploenergetika 9 no. 10: 13-21 O '62

BOILERS—EQUIPMENT AND SUPPLIES

Sludge separators for boilers with medium and high power ratings. M. IA. Polianskii, K. A. Blinov. Trudy TPI no. 221: 180-186 '62

BOILERS—MAINTENANCE AND REPAIR

Bogoslovskii, V. S. [Mechanization of the repair of boiler systems] Mekhanizatsiia remonta kotel'nykh agregatov. Moskva, Gosenergoizdat, 1962. 222 p.

Liberman, G. R. [Prevention of the breakdown and malfunction of boiler equipment] Preduprezhdenie avarii i nepoladok kotel'nogo oborudovaniia. Moskva, Izd-vo M-va kommun. khoz. RSFSR, 1962. 214 p.

BOILERS, MARINE

Auxiliary steam plant on ships of the "Volgoles" type. A. K. Gol'denfon. Inform. shor., TSNIIMF no. 68, Teploenerget. mor. flota no. 11: 15-20 '61.

Effect of the cooling of water gauges on readings of the level indicator glass. S. N. Dranitsyn. Trudy LSNIIMF no. 38: 65-69 '61

Legitimate demand. I. Nutrikhin. Rech. transp. 21 no. 9: 28 S '62.

Seliverstov, V. M., and K. T. Vilkuk. [Automatic control of marine auxiliary and waste heat boilers] Avtomaticheskoe regulirovanie sudovykh vspomogatel'nykh i utilizatsionnykh kotlov. Pod. red. S. A. Antonovicha. Leningrad, Izd-vo "Rechnoi transport," 1962. 127 p.

Seliverstov, V. M. [Marine steam-power plants, methodological manual on the section "Marine boilers" (heat calculations of auxiliary and waste heat boilers)] Sudovye paroenergeticheskie ustanovki, metodicheskoe posobie po razdelu "Sudovye kotly" (teplovoi raschet vspomogatel'nogo i utilizatsionnogo kotla). Leningrad, Izd-vo "Rechnoi transport," 1962. 18 p.

Testing of fuel oil burners on marine steam boilers. M. I. Sidorov. Inform. shor., TSNIIMF no. 68, Teploenerget. mor. flota no. 11: 23-29 '61.

BOLIVIA—SOCIAL CONDITIONS

The country could have flourished, ... V. Sergeev. Sov. profsoiuzy 18 no. 18: 43-44 S '62

BOLSHEVISM see Communism

BOL'SHOVTSY DISTRICT—ATHEISM

Irreconcilable youth. D. Koreta'kyi. Volov. atalat no. 12: 35 D '61.

BOLZ, LOTHAR, 1903-

Lothar Bolz. Mir. ekon. i mezhdunar. otn. no. 10: 128-129 O '62.

BOMB RECONNAISSANCE see subdivision under Leningrad

BOMBARDMENT WITH PARTICLES see Collisions (Nuclear physics)

BONDAREV, IURII

"Quiet" by IUrii Bondarev. Reviewed by L. Lazarev. V mire knig 2 no. 9: 23-24 S '62.

BONDS, CHEMICAL see Chemical bonds

BONDYUZHSKIY DISTRICT—PETROLOGY

Petrography and structural characteristics of the crystalline basement of the Yelabuga-Bondyuzhskiy group of uplifts. Trudy MINKHIGP no. 38: 16-28 '62.

BONE

Heterotopic osteogenesis and the problem of the regeneration of bone tissue. A. A. Korzh. Ortop., travm. i protez. 23 no. 6: 50-57 Je '62.

BONE GRAFTING

Bone homoplasty in restorative operations. V. I. Rozov, L. E. Lyskovets-Chernetskaia. Trudy Len. gos. nauch.-issl. inst. travm. i ortop. no. 8: 111-154 '61.

Healing of the bone defect following the taking of a transplant. G. I. Verodiukhina. Trudy Len. gos. nauch.-issl. inst. travm. i ortop. no. 8: 173-178 '61.

Homoplasty following extensive resections of the articular ends of the tubular bones; preliminary report. IA. S. Iusevich. Trudy Len. gos. nauch.-issl. inst. travm. i ortop. no. 8: 155-163 '61.

Osteosynthesis by the heterotransplant in fractures of the proximal end of the humerus. V. M. Rusteika. Ortop., travm. i protez. 23 no. 6: 62-63 Je '62.

fractures M. F. Dietskaia Trudy Len. gos. nauch.-issl. inst. travm i ortop no 8 164-172 '61.

BONES—AGING
Age variation in mucopolysaccharides of tubular bones in man G. D. Zenkevich Dokl. AN SSSR 146 no. 2: 496-498 S '62

BONES—CANCER
Metastasis of cancer of the breast into the bones. D. L. Rozin. Vop. onk. 8 no. 8 14-16 '62.

BONES—DISEASES
Hypertrophic osteoarthropathy in pulmonary neoplasms (Marie-Bamberger syndrome) [with summary in English]. V. I. Astaf'ev, F. F. Firsov, S. Z. Shkliarov. Klin. med. 40 no. 6, 90-95 Je '62

BONES—TUMORS
Clinical, X-ray and morphological characteristics of the giant cell tumor, based on materials from the Institute of Oncology of the Academy of Medical Sciences of the U.S.S.R. for the period from 1926 to 1960 [with summary in English] A. G. Baianova, L. A. Cherkasskii. Trudy Inst. onk. AMN SSSR no. 1:39-58 '62.
Investigation of the action of extracts from human giant cell bone tumors on endothelium explants [with summary in English]. M. P. Ptokhov. Vop. onk. 8 no. 8 68-70 '62.
Lagunova, I. G. [Tumors of the skeleton] Opukholi skeleta. Moskva, Medgiz, 1962. 365 p. (DNLM)

BONUS SYSTEM
Answers to our readers' questions. Sots. trud 7 no. 9: 139-144 S '62.
Improve the wage and bonus systems. S. Shkurko, A. Arkhipov. Sots. trud 7 no. 9:126-132 S '62.

BOOK CLUBS see subdivision under Moscow

BOOK REVIEWING
Authors of reviews are bibliophiles. E. Suvorova. Sov. pech. no. 9:29-30 S '62.

BOOKBINDING
Vainraub, I. Iu. [Mechanization and automation of stitching and binding operations; mechanization of manual operations and flow of materials, automation of equipment] Mekhanizatsiia i avtomatizatsiia brozhiurovochno-perepletnykh protsessov, mekhanizatsiia ruchnykh operatsii i gruzopotokov, avtomatizatsiia oborudovaniia. Moskva, Iskusstvo, 1962. 282 p.

BOOKS
Survey of the work of the Book Section of the Moscow House of Scientists; from the 51st to the 100th session of the Section. Kniga, issl. i mat. 6, 355-361 '62.

BOOKS—CONSERVATION AND RESTORATION
Books regain their youth. O. Kuptsova. Sov. shakh. 11 no. 10 15-46 O '62.

BOOKS—EXHIBITIONS
Exhibition of Soviet scientific literature in Czechoslovakia. Jiri Zalone. Vest. AN SSSR 32 no. 9, 111-113 S '62.

BOOKS—REVIEWS
New books published outside the U.S.S.R. Mir. ekon. i mezhdunar. otn. no. 10:151-152 O '62.

BOOKS AND READING
"The art of reading" by N. Kalitin. Reviewed by V. Kamianov. Vop. lit. 6 no. 9 227-229 S '62
Complex and great miracle. A. Glukhov. V mire knig 2 no. 9 42-43 S '62.
Extracurricular reading in evening schools. TS. Leitman. Nar. asv. no. 8:59-61 Je '62.
Let us inculcate the habit of reading. M. Gubanova. Bibliotekar' no. 10 44-46 O '62.

BOOKS FOR CHILDREN see Children's literature

BOOKS ISSUED IN SERIES—BIBLIOGRAPHY see Bibliography—Books issued in series

BOOKSELLERS AND BOOKSELLING
(see also subdivision under Novosibirskaia, Tselinograd Province; Novosibirsk Province)
In the world of books. S. Gromtseva. Nar. obr. no. 10: 60-61 O '62.
Shterngarts, M. Z. [Accounts of the book trade in foreign countries] Ocherki knizhnoi torgovli za rubezhom. Moskva, Iskusstvo, 1962. 240 p.

BOOTS AND SHOES—THERMAL PROPERTIES
Heat insulating properties of shoe material combinations. E. A. Miroshnikov. Kozh.-obuv. prom. 4 no. 9 18-20 '62.

BORING
Before the attack on the No. 2 space. R. Bakhtamov, G. Karasik. Izobr. i rats. no. 10:15-16 O '62.
Drilling advanced boreholes in deepening shafts (from "Annales des Mines de Belgique," no. 12, 1959 and "Mines Magazine," no. 1, 1960). A. S. Es'kov. Shakht. stroi. 6 no. 10:31 O '62.
Hammers. A. G. Tsukanov. Izv. vys. ucheb. zav., gor. zhur. 5 no. 6 109-111 '62
History of the development and present state of the technology of boring mine shafts and large-diameter bore holes. D. V. Shishkov. Shakht. stroi. 6 no. 9 27-31 S '62.
Increasing the efficiency of percussion boring with reduction of the ratio of bit friction against rocks. V. V. TSaritsyn, N. I. Pavlenko. Met. i gornorud. prom. no. 3 51-53 My-Je '62.
Large-scale blasting in the sublevel caving system with breaking of the ore through deep holes at the Dzerzhinskii mine. V. V. Nesterenko, D. D. Kozmenko, B. I. Al'bitut. Met. i gornorud. prom. no. 3 46-50 My-Je '62.
On the path of mastering the "underground cosmos." K. Shevtsov. Nar. khoz. Kazakh. 20 no. 8 16-17 Ag '62.
Rotary drilling of rocks. V. F. Zinin, V. F. Borovkov, I. I. Soldatov. Biul. tekh.-ekon. inform. Gos. nauch.-issl. in-t nauch. i tekh. inform. no. 9 12-13 '62.
Vibration and combination drilling of holes in hard rocks. O. A. Baikomurov, A. P. Kovrigo, A. T. Timonov. Gor. zhur. no. 9:35-37 S '62.
Ways of increasing the depth of air drilling with a high static water level in the hole. T. M. Iliatdinova, A. I. Kirsanov. Trudy VITR no. 5:50-57 '62.

BORING—COLD WEATHER OPERATIONS
Technological principles in drilling prospecting holes under permafrost conditions. A. V. Maramzin. Trudy VITR no. 5 5-31 '62.

BORING—ELECTROMECHANICAL ANALOGIES
Study of the dynamic processes on electronic models in rod percussion drilling of holes. L. N. Tolpeshnikov. Izv. vys. ucheb. zav., gor. zhur. 5 no. 6:142-149 '62.

BORING—HYGIENIC ASPECTS
Character of the work process in drilling with an electric drill. V. P. Ilgachin. Gig. i san. 26 no. 12:87 D '61.

BORING MACHINERY
(see also subdivision under Sweden)
Birlukov, I. M. [Boring with a roller bit in mining] Sharoshechnoe burenie v gornom dele. Moskva, Gosgortekhizdat, 1962. 162 p.
[Crosscutting and boring machines and drill bits] Buroshechnye mashiny i burovoi instrument. [By] M. S. Safokhin i dr. Moskva, Gosgortekhizdat, 1962. 208 p.
Drillability of rocks using a single-nozzle jet under constant working conditions. A. V. Bichkin, A. N. Moskalev. Izv. vys. ucheb. zav., gor. zhur. 5 no. 6:71-77 '62.
Efficient methods of designing apparatus for deep prospecting drilling for oil and gas. V. S. Popovin, A. M. Kornev. Razved. i okh. nedr 28 no. 9 45-48 S '62
Eliminating the deficiencies in the P-1 rig (follow-up of unpublished letters). Gor. zhur. no. 9:60 S '62.
Mechanization and automation of auxiliary operations in drilling holes. I. P. Sammel'. Mekh. i avtom. proizv. 16 no. 8:8-9 Ag '62
New P-1-15 air drill. A. F. Ponomarchuk, N. M. Samoilenko. Gor. zhur. no. 9:55-56 S '62.
New boring units. V. P. Kochkonogov. Transp. stroi. 12 no. 8:29-31 Ag '62.
P-31 drill rig. Shakht. stroi. 6 no. 10 4 of cover O '62.
Replaceable teeth for bits for auger-drilling of blastholes in open pits. M. S. Safokhin, K. A. Katanov. Izv. vys. ucheb. zav., gor. zhur. 5 no. 6 106-108 '62
SGR-4M hydraulic hand drill. Shakht. stroi. 6 no. 10 4 of cover O '62.
Self-propelled drill rig. I. S. Mel'nikov. Gor. zhur. no. 9:74 S '62.
Using the method of hard facing with new alloys to increase the durability of steel bits. M. S. Pollak. Gor. zhur. no. 9:75 S '62.
Vibrating feed mechanism for drill rigs. A. A. Vukkert, V. I. Dusev. Gor. zhur. no. 9:50-51 S '62.

BORING MACHINERY—HYDRAULIC DRIVING
Experimental two-tube surge hydraulic giant. A. F. Kichigin, Iu. N. Kazak, G. G. Bernardov. Izv. vys. ucheb. zav., gor. zhur. 5 no. 6:197-199 '62.

BORING MACHINERY—PNEUMATIC DRIVING
Comparative evaluation of air-percussion drilling in open pits. V. D. Legeza. Izv. vys. ucheb. zav., gor. zhur. 5 no. 8:85-88 '62
Study of sinker air drills with a cushioning cycle. G. I. Suksov. Trudy Inst. gor. dela Sib. otd. AN SSSR no. 6: 155-176 '61.

BORISLAV—GASOLINE
Operation of a stabilizer plant for casing-head gasoline. A. G. Cheglikov, L. F. Tolubinskaia. Trudy Inst. isp. gaza AN USSR 9 75-82 '61.

BORISOV—HISTORICAL MUSEUMS
Russia won't forget this war. IA. Sadovski. Nab. i stat. 38 no. 8:12-13 S '62

BORODINO—WORLD WAR, 1939-1945
Combat engagements took place here. L. Rusin. Voen. znan. 38 no. 9:11 S '62.

Day of Borodino. N. S. Tealt 23 no. 9:183-184 S '62.
Heroic deeds of the Russian people. A. Sidarenka. Belarus' 19 no. 8:21-25 Ag '62
On the field of Borodino. N. Drobin. Bibliotekar' no. 9:41-42 S '62
Russian artillery in the battle of Borodino. B. Shipov. Voen. znan. 38 no. 9 9-10 S '62.
Tarle, E. V. Borodino. Moskva, Izd-vo Akad. nauk SSSR, 1962. 94 p.

BORON
Elastic scattering of protons by B10 nuclei. G. B. Andreev, A. S. Drinenko, I. IA. Matakshev. Izv. AN SSSR Ser. fiz. 26 no. 9 1134-1136 S '62
Using the hydrochemical method of prospecting for boron deposits. S. R. Krainov, S. D. Kapranov. Sov. geol. 5 no. 8, 92-103 Ag '62

BOSKOVIC, RUDJER JOSIP, 1711-1787
R. J. Boskovic, on the occasion of the 250th anniversary of his birth. P. M. Gorshkov. Uch. zap. LGU no. 307 245-246 '62.

BOTANICAL DRUG INDUSTRY
Scientific and technical meeting on the extraction from vegetable raw material. A. M. Plushkevich. Med. prom. 16 no. 5 61-64 My '62

BOTANICAL RESEARCH
Center of Soviet botany. Priroda 51 no. 7:118-119 Jl '62
Correlation between the projective cover and the weight of herbaceous plants. V. S. Ipatov. Bot. zhur. 47 no. 7:991-992 Jl '62.
Polarographic method for studying the reaction of plants to environmental effects [with summary in English]. A. E. Petrov-Spiridonov. Izv. TSKHA no. 3:221-224 '62.

BOTANICAL RESEARCH—CONGRESSES
Scientific conference on experimental geobotany. T. P. Matveeva. Bot. zhur. 47 no. 7:1061-1067 Jl '62.

BOTANISTS—DIRECTORIES
Vsesoiuznoe botanicheskoe obshchestvo. [Directory of members of the All-Union Botanical Society, as of May 1, 1957] Adresnaia kniga chlenov...po sostoianiiu na 1 maia 1957 goda. Leningrad, Izd-vo Akad. nauk SSSR, 1958. 140 p. (DNAL)

BOTANY—ECOLOGY see subdivision under Sok Valley

BOTANY—EMBRYOLOGY
Biology of flowering and embryology of Scopolia carniolica. G. I. Glushchenko. Bot. zhur. 47 no. 7:1017-1025 Jl '62.
Development of ovules in some stone fruit species. I. N. Konstantinova. Sbor. trud. nap. i mol. nauch. sotr. VIR no. 1:254-259 '60.
Polar axes of spores and the moving apart of nuclei during meiosis in tetrads of different types in pteridophytes. A. N. Sladkov. Dokl. AN SSSR 146 no. 1:225-228 S '62.

BOTANY—MORPHOLOGY
Some morphologic characteristics of vegetable plants and their use in describing and determining species. K. P. Lange. Uch. zap. Kub. gos. ped. inst. no. 35:93-105 '61.

BOTANY—PERIODICALS see subdivision under Czechoslovakia

BOTANY—STUDY AND TEACHING
Akademiia pedagogicheskikh nauk RSFSR, Moscow, Institut obshchego i politekhnicheskogo obrazovaniia. [The between teaching botany and the work of students in plant growing] Sviaz' obucheniia botanike s trudom uchashchikhsia po rastenievodstvu. Pod red. V. N. Fedorovoi. Moskva, Izd-vo Akad. pedagog. nauk RSFSR, 1962. 146 p.

BOTANY—VARIATION
Effect of growing conditions on chlorophyll mutations in the progeny of irradiated barley. S. I. Ianushkevich. Agrobiologiia no. 4:617-619 Jl-Ag '62.

BOTANY, MEDICAL see subdivision under Kazakhstan

BOTTLE WASHING
Kuznetsov, V. I. [Bottle-washing and bottling machines for milk; adjustment, regulations and operation] Butylomoechnye i razlivochno-ukuporochnye mashiny dlia moloka; naladka, regulirovanie i eksploatatsiia. Moskva, Pishchepromizdat, 1962. 166 p. (Biblioteka molodogo rabochego)

BOTTLED GAS see Liquefied petroleum gas

BOTTLING MACHINERY
Kuznetsov, V. I. [Bottle-washing and bottling machines for milk; adjustment, regulations and operation] Butylomoechnye i razlivochno-ukuporochnye mashiny dlia moloka; naladka, regulirovanie i eksploatatsiia. Moskva, Pishchepromizdat, 1962. 166 p. (Biblioteka molodogo rabochego)

BOUNDARY LAYER
Setting the problem of the magnetohydrodynamic layer. G. A. Liubimov. Prikl. mat. i mekh. 811-820 S-O '62.

BOUNDARY VALUE PROBLEMS

Behavior of the solution to the third boundary value problem for a parabolic equation [with summary in English]. III K.Gerasimov. Vest Mosk un,Ser 1: Mat.,mekh. 17 no.5:31-43 S-O '62

Convergence of the method of straight lines for some boundary value problems [with summary in English]. V.A.Morozov. Vest.Mosk un.Ser.,1 Mat.,mekh. 17 no.5:25-33 S-O '62.

Establishing the validity of Dirichlet's principle for the first boundary value problem in the nonlinear theory of elasticity. A.L.Krylov. Dokl AN SSSR 146 no.1 51-57 S '62.

Integrability in square of the higher derivatives of the solution to Dirichlet's problem in the region of a piecewise smooth boundary. M.Sh.Birman, G.L.Skvortsov Izv.vys uch.zav.;mat. no 5:12-21 '62

On a sufficient stability criterion K.Sh Nauryzbaev Izv AN Kazakh SSR, Ser. mat i mekh. no 10 21-26 '62

Solving a boundary value problem by the iterative method S.E.Elubaev. Izv. AN Kazakh. SSR Ser mat i mekh no 10 72-78 '62.

Some boundary value problems for elliptic systems. M.A.Lavrent'ev. Sib.mat.zhur. 3 no.5 715-728 S-O '62.

BOXES—STANDARDS

Close boxes made of boards. Standartizatsiia 26 no.9: 49-54 S '62.

Lattice boxes made of boards. Standartizatsiia 26 no.9 54-59 S '62.

BOXING

Development of moral and volitional preparedness in those participating in boxing. A.N.Otradnov. Probl. psikhol.sporta no.2:374-380 '62.

Forming volitional qualities in students of the senior classes who participate in the boxing section. I.P. Mikhailov. Probl.psikhol.sporta no.2:381-386 '62.

Study of the speed of a complex reaction in a boxer. Sh.N.Zakirov. Probl.psikhol.sporta no.2:361-373 '62.

Training of the will in boxers. N.A.Khudadov. Probl. psikhol.sporta no.2:352-360 '62.

BRACHIOPODA, FOSSIL see subdivision under Caucasus, Northern, Donets Basin; Per'yavitsa Valley, Sou-Kul' Lake region, Taymyr Peninsula

BRAIN

Significance of the adreno-pituitary system for the function of the hematoencephalic barrier. I.V.Markova Usp.sovr biol 53 no.3,347-360 My-Je '62.

State of the electric activity of the reticular formations of the brain stem during chemical stimulation of the receptors of the bladder. G.K.Kadyrov, G.S.Agasi. Izv. AN Azerb. SSR. Ser. biol. i med. nauk no.3, 119-130 '62.

BRAIN—BLOOD SUPPLY

Characteristics of the capillary blood supply of the brain in man. B.N.Klosovskii, V.P.Shafranova. Vop. neirokhir. no.4:54-56 '62.

BRAIN—DISEASES

Characteristics of the course of vestibular and psychosensory forms of cerebral rheumatism in children and adolescents; from data of catamnestic studies [with summary in French]. I.Z.Mizikova. Zhur.nevr.i psikh. 62 no.7:1067-1071 '62.

Gal'perin, M.D. [Angiography in the diagnosis of tumors and vascular diseases of the brain] Angiografiia v diagnostike opukholei i sosudistykh zabolevanii golovnogo mozga. Leningrad, Medgiz, 1962. 100 p. (DNLM)

Salivary gland secretion in otogenous intracranial complications. E.A.Matsievskaia. Vest.otorin. no.5: 58-62 '62.

BRAIN—HEMORRHAGE

Late posttraumatic hemorrhages into the brain stem. A.I.Zhestkov. Sud.-med.ekspert. 5 no.3:50-51 Jl-S '62.

BRAIN—INFLAMMATION see Encephalitis

BRAIN—SURGERY

Improvement in the method of local freezing of the subcortical structures in stereotactic operations on the brain. E.I.Kandel' and others. Vop.neirokhir. no.1, 51-54 '62.

Reactions of the cerebral cortex and heart in neurosurgical interventions on different segments of the brain stem in man, electrophysiological study. V.E.Matorchik, L.A.Korolaiha, G.A.Gabibov. Vop.neirokhir. no.4: 32-37 '62.

Some problems of influence on hormonal regulation in neurosurgical patients. I.N.Vinogradova. Vop. neirokhir. no.4:58-60 '62.

BRAIN—TUBERCULOSIS

Erofeev, P.P. [Tuberculosis of the brain, spinal cord and meninges; a morphological study] Tuberkulez golovnogo, spinnogo mozga i obolochek; morfologicheskoe issledovanie. Moskva, Medgiz, 1962. 222 p. (DNLM)

BRAIN—TUMORS

Differential diagnosis of astrocytomas and arachnoid endotheliomas of the cerebrum. D.G.Shefer, R.G. Obraztsova, V.A.Udintseva. Vop neirokhir. no.4 41-43 '62

Dynamics of the neurological symptoms in the clinical aspects of disorders of respiration in brain tumors. III.V.Konovalov. Vop.neirokhir. no 4 45-47 '62

Electroencephalographic reflection of cortical and subcortical interrelationships in brain tumors. V.S. Rusinov. Vop.neirokhir. no.4:26-31 '62.

Experimental rotatory nystagmus disorders in patients with tumors of the posterior cranial fossa. A.N. Kokhalov Vest otorin. no.5:63-66 '62.

Evaluation of the condition of the patient, the type of anesthesia and surgical treatment in tumors and trauma of the brain on the basis of clinical and physiological indices. V.M.Ugrumov Vop.neirokhir. no.4:17-21 '62.

Meningeal syndrome in tumors of the brain in children [with summary in French]. E.S.Bondarenko Zhur nevr.i psikh. 62 no.7,1024-1028 '62.

Neurocerebral tumors in infants. A.A.Arendt, S.I. Nersesiants. Vop.neirokhir. no.4 25-27 '62.

Regional symptoms in disorder of the higher cortical functions in intracerebral tumors of the left temporal lobe. A.R.Luriia, M.IU.Rapoport. Vop.neirokhir. no.4:37-41 '62.

Study of the content of nucleic acids in glial tumors of the brain in man. V.K.Latsenko, M.Sh.Promyslov. Vop.neirokhir. no.4,56-58 '62.

Use of cerebrospinal fluid drains in the removal of tumors from the posterior cranial fossa. B.A.Samotokin. Vop.neirokhir. no.4:43-45 '62.

BRAIN—WOUNDS AND INJURIES

Clinical pathogenetic classification of closed injuries to the brain. I.S.Babchin. Vop neirokhir. no.4:4-7 '62.

Dynamics of vestibular disorders in severe acute craniocerebral injuries. A.P.Kotova. Vest.otorin. no.5:47-51 '62.

Evaluation of the condition of the patient, the type of anesthesia and surgical treatment in tumors and trauma of the brain on the basis of clinical and physiological indices. V.M.Ugrumov. Vop.neirokhir. no.4:17-21 '62.

Posttraumatic vascular formations in the brain. M.B. Kopylov. Vop.neirokhir. no.4 7-12 '62.

Sharapov, B.I. [Changes in the brain and spinal cord in closed cranial trauma] Izmeneniia v golovnom i spinnom mozge pri zakrytoi travme cherepa. Kishinev, Kartia moldovenaske, 1962. 111 p. (DNLM)

BRANDY

Separation of 3,5-dinitrobenzoates of brandy alcohols by the method of paper partition chromatography. I.A. Egorov, A.K.Rodopulo. Dokl.AN SSSR 146 no.1 210-212 S '62.

BRASS

Structure of the lines of nuclear magnetic resonance of the isotopes Cu^{63} and Cu^{65} in β-brass. S.I.Aksenov, Zhur.eksp.i teor.fiz. 42 no.6:1677-1679 Je '62.

BRATSK HYDROELECTRIC POWER STATION

Conference for generalizing experience with the erection of the concrete structures of the Bratsk Hydroelectric Power Station. L.A.Tolkachev. Gidr.stroi. 32 no.8:41-44 Ag '62.

Godlevskii, P.L. [When Communist Youth League hearts beat] Kogda serdtse b'otsia komsomol'skoe. [Irkutsk] Irkutskoe knizhnoe izd-vo, 1960. 96 p. (MH)

Ionic exciters of the hydrogenerators of the Bratsk Hydroelectric Power Station. E.M Gliukh, IU.M.Zemlianoi, E.L.Littinger. Vest. elektroprom 33 no.10,15-22 O '62.

BRAZIL—BASALT

Recent and ancient laterite weathering of basalts in Brazil and the Russian Platform. I.I.Ginzburg, G.U. Nadzhakova, A.P.Nikitina. Kora vyvetr. no.4:3-95 '62.

BRAZIL—FOREIGN ECONOMIC RELATIONS—RUSSIA

U.S.S.R. exhibition in Brazil I Bol'shakov Vnesh. torg 42 no 8:17-19 '62

BRAZIL—HISTORY

Social and political development of Brazil in the late 19th and the 20th century. B.I.Koval'. Vop ist. no.9:188-189 S '62.

BRAZIL—LABOR AND LABORING CLASSES

Structure of the Brazilian laboring classes. A.Rozhkov. Mir.ekon.i mezhdunar.otn. no.10:112-118 O '62.

BRAZIL—MOTION PICTURES

The Brazilian motion picture, interview with Sergei Yutkevich. Nov. vrem. 20 no.42:26-28 O '62.

BRAZIL—POLITICS AND GOVERNMENT

"Revolution and counterrevolution in Brazil" [in Portuguese] by Franklin de Oliveira. Reviewed by A.Gramotov. Mezhdunar.zhizn' 9 no.10:130-131 O '62.

BRAZIL—ROADS

Highways in Brazil. N.N Ivanov. Avt dor. 25 no.9 28-29 S '62.

BRAZIL—SOCIAL CONDITIONS

"Revolution and counterrevolution in Brazil" [in Portuguese] by Franklin de Oliveira. Reviewed by A.Gramotov. Mezhdunar.zhizn' 9 no.10:130-131 O '62.

BRAZIL—WEATHERING

Recent and ancient laterite weathering of basalts in Brazil and the Russian Platform. I.I.Ginzburg, G.U. Nadzhakova, A.P.Nikitina. Kora vyvetr. no.4:3-95 '62.

BRAZING

Esenberlin, R.E. [Brazing metals in furnaces with a gaseous atmosphere] Paika metallov v pechakh s gazovoi sredoi Izd. 2., dop. i perer. Moskva, Mashgiz, 1962. 127 p

BREAD

Egorova, A.G. [Nutritional value of bread and the preservation of its freshness; transcript of a report made at a seminar of representatives of the bakery industry in the Leningrad House of Scientific and Technical Propaganda] Pishchevaia tsennost' khleba i sokhranenie ego svezhesti, stenogramma doklada, prochitannogo v LDNTP na seminare rabotnikov khlebopekarnoi promyshlennosti. Pod red M.I. Knaginicheva. Leningrad, Leningr. dom nauchno-tekhn. propagandy, 1962. 47 p

Kazanskaia, L.N. [Chemical nature and possible ways of improving the taste and flavor of bread] Khimicheskaia priroda i vozmozhnye puti ulucheshenila vkusa i aromata khleba, stenogramma doklada, prochitannogo v LDNTP na seminare rabotnikov khlebopekarnoi promyshlennosti. Pod red. A.G.Egorovoi Leningrad, 1962. 50 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy Seriia: Khlebopekarnaia promyshlennost')

BREAD—BACTERIOLOGY

Study of the bacterial contamination of bread during its transportation from the bakery to the buyer. M.I. Popov. Gig.i san. 26 no.12 68 D '61.

BREAST—CANCER

Metastasis of cancer of the breast into the bones. D.L. Rozin. Vop.onk. 8 no.8,11-16 '62.

BREAST—TUMORS

Method of surgery in cystoepithelioma of the breast. M.S.Rappoport. Vop.onk. 8 no.8:84-86 '62.

BRECCIA see subdivision under Kara-Tau, Penzhina Range

BREST—RECREATION

They have found recreation in their own city. M.Rubinshtein. Belarus' 19 no 6 21 S '62.

BREST PROVINCE—AGRICULTURISTS

A little about everything. Komm. Bel. 36 no 9:78-79 S '62.

BREWING

Chukmasova, M.A. and N.M. Lavarov. [Beer production] Proizvodstvo piva. [2. perer. i dop. izd.] Moskva, Pishche-promizdat, 1961. 134 p. (Biblioteka molodogo rabochego) (DNAL)

Improving the quality of raw materials for brewing. O.M.Gordienko. Khar.prom. no.2 84-85 Ap-Je '62.

BREWING INDUSTRY

Ballanter, I.I., R.I.Berlin, and G.I.Pilashevskaia. [Technological planning of breweries and soft-drink plants] Tekhnologicheskoe proektirovanie pivovarennykh zavodov i tsekhov bezalkogol'nykh napitkov. Moskva, Pishcheprominzdat, 1962. 243 p.

BREZNIK—MINERAL WATERS

Changes in the tonus and peristalsis of isolated rabbit intestine under the influence of acid chalybeate mineral water from the health resort at Breznik. A. Shipochliev. Vop.kur., fizioter. i lech.fiz.kul't. 27 no.3:229-233 My-Je '62.

BRIBERY

Bribe-taker on trial. A.Sivakov. Sots.obesp. 23 no.7: 25-27 Jl '62.

BRICHMULLA—BRONZES, ANCIENT

Hidden treasure of bronze articles of the Andronovo Culture from Brichmulla near Tashkent. A.I.Terenozhkin. Sov.arkheol. 6 no.3:279-281 '62.

BRICK INDUSTRY see subdivision under Lokachi District

BRICK WALLS

Improve the quality of buildings made of vibrated brick panels. V.Kuzakov. Zhil.stroi. no.3:31 '62.

BRICKMAKING—SAFETY MEASURES

Bulychev, N.I. [Handbook on accident prevention for workers in plants of the brick industry; for the removers of bricks from kilns] Pamiatka po tekhnike bezopasnosti dlia rabochikh zavodov kirpichnoi promyshlennosti; dlia vystavshchika kirpicha. Moskva, Gosstroizdat, 1961. 15 p. (Tekhnika bezopasnosti)

BRICKMAKING MACHINERY
Effective lining of trolleys. V. Batsuk Bud. mat. i konstr 1 no. 2:54-55 Mr-Ap '62.

BRICKS—STANDARDS
Changes in state standards. Biul. stroi. tekh. 19 no 3: 26-30 Mr '62.

BRIDGE CIRCUITS
Andreev, IU. A., and V. O. Kobak. [Double T-shaped bridges in selective amplifiers] Dvoinye T-obraznye mosty v izbiratel'nykh usilitelliakh. Leningrad, Sudpromgiz, 1962. 103 p.

BRIDGE CONSTRUCTION
Standardize the estimated norms in bridge construction A. V. Zelenov. Transp. stroi. 12 no 8:61-62 Ag '62

BRIDGES
New technical specifications for designing railroad, highway, and city bridges and pipes. Biul. stroi. tekh. 19 no. 3 15-17 Mr '62.

BRIDGES—DESIGN
Evgrafov, G. K., and N. B. Liatin. [Calculations for bridges according to limiting states] Raschety mostov po predel'nym sostoianiiam. Moskva, Transzheldorizdat, 1962. 335 p.

[illegible] nulus [illegible] spans across constant currents of water] Osnovnye formuly i ukazaniia po raschetu otverstii mostov chorez postiannye vodotoki. Moskva, Avtotransizdat, 1961. 21 p.

BRIDGES—FOUNDATIONS AND PIERS
Calculation for the embedding of foundations of bridge footings in the soil K S Zavriev Trudy TSNIIS no 45 56-72 '62
Construction of temporary footings out of reinforced concrete pipes or shells. N. P. Dudchenko, B. V. Klochkov, V. P. Korlakov. Transp. stroi. 12 no 8 20-22 Ag '62.
Filling the boreholes and shells of the foundations of bridge footings with concrete underwater E. A. Ablogin Transp. stroi. 12 no. 8 17-20 Ag '62.
Longitudinal stresses arising in reinforced concrete shells during vibration sinking I. I. Kazei, V. P. Polievko Trudy TSNIIS no 45-73-91 '62
Method of calculating additional stresses in foundations of abutments and bulkheads due to the weight of the approach embankment A. A. Luga Trudy TSNIIS no 45.5-33 '62
Method of making calculations for foundations with vertical pillars K. S. Sitin, K. S. Zavriev. Trudy TSNIIS no 45 34-55 '62
Testing the high pile grillage of a city bridge. N. M. Bibina, N. I. Tomaeva, G. S. Shpiro Trudy TSNIIS no 45 92-102 '62.

BRIDGES, CONCRETE
By means of a projecting beam of blocks. Stroi. i arkhit. Len. 24 no. 7:39 Jl '62.
The expedient limiting length of reinforced concrete full-span beams V. G. Andreev. Transp. stroi. 12 no. 8 42-44 Ag '62.
Investigating reinforced concrete spans made of composite beams. A. F. Lapinin, P. V. Rutgers. Avt. dor. 25 no. 9.19-20 S '62.
Study of the joints of elements of prestressed concrete trusses. V. I. Gnedovskii. Bet. i zhel.-bet 8 no 9: 359-363 Ag '62.

BRIDGES, CONCRETE—TESTING see subdivision under Krasnoyarsk

BRIQUETS
Adhesion of fine-stemmed materials in briquetting [with summaries in English, German, and French]. V. I. Osobov. Vest. sel'khoz. nauki 7 no. 8 92-94 Ag '62.

BRIQUETS (FUEL)
New types of binding material for the briquetting of fuel. I. S. Levin, G. D. Khatlampovich. Ugol' 37 no. 9:48-52 S '62.
Solidified fuel for pyrotechnical effects in motion-picture filming. V. M. Sukhoretskii. Tekh. kino i telev. 6 no. 10:63-66 O '62.

BRINES
Theory of metamorphization of natural waters and genesis of internal calcium-chloride type brines. E. V. Posokhov. Trudy NPI 128:43-84 '62.

BRITISH COMMONWEALTH OF NATIONS see Commonwealth of Nations

BROILERS (POULTRY)
Intensive raising of chickens for meat (broilers) [with summary in English]. S. I. Smetnev. Izv. TSKHA no. 2:68-77 '62.

BROMINE OXIDE
Interaction of metal derivatives of β-dicarbonyl compounds with α-halogen oxides. Part 1: Interaction of Na- and $C_8H_5CH_2(CH_3)_3N^+$ derivatives of acetoacetic ester with α-bromine oxides of isomeric butenes. T. I. Temnikova, B. A. Ershov. Zhur. ob. khim. 32 no. 8: 2436-2442 Ag '62.

BRONCHI
Method for the endobronchial administration of antibiotics. G. S. Burov. Vest. otorin. no. 5 42-43 '62.

BRONCHI—DISEASES
Bronchopulmonary manifestations in lambliasis. A. G. Lepiavko. Klin. med. no. 12 50-54 '61.

BRONCHI—RADIOGRAPHY
Bronchographic diagnosis of chronic bronchitis [with summary in English]. G. L. Feofilov. Klin. med. no. 12 69-72 '61.
Lights and shadows of bronchography. D. IA. Bogatin. Klin. med. no. 12 85-91 '61.

BRONCHIECTASIS
Bronchiectasis. V. M. Lamolenko. Fel'd. i akush. 27 no. 7 17-21 Jl '62.

BRONCHITIS
Bronchographic diagnosis of chronic bronchitis [with summary in English]. G. L. Feofilov. Klin. med. no. 12 69-72 '61.
Inhalation of acetylcholine aerosols in function tests of the respiratory apparatus in chronic bronchitis and pneumoconioses. A. O. Navakatikian. Klin. med. no. 12: 60-64 '61.
Isadrine in pulmonary emphysema and chronic bronchitis. L. I. Golosova. Klin. med. no. 12 78-83 '61.

BRONZE
Important source for saving tin. A. K. Emel'ianov, D. M. Zaslavskii. Mashinostroitel' no. 9:45 S '62.
The problem of saving bronze. V. D. Bosak. Stroi. i dor. mash. 7 no. 8:39 Ag '62.

BRONZE AGE see subdivision under Kazakhstan; Mingechaur

BRONZES, ANCIENT see subdivision under Bilchmulla

BROUKA, PIATRUS', 1905-
Lucid and radiant word. N. N. Bunatenko. Rad. lit. 6 no. 5.90-95 S-O '62.

BRUCELLA
Colored Brucella strains. F. P. Lokteva. Trudy Rost. NIVS no. 12:58-59 '60.

BRUCELLOSIS
Amyloidosis of the larynx in brucellosis. T. G. Lonskaia. Vest. otorin. no. 5:83-84 '62.
Comparative evaluation of brucellosis antigens from Kharkov Biological Products Factory and from the All-Union Experimental Veterinary Institute for the ring milk test. N. P. Filipovich. Trudy Rost. NIVS no. 12: 56-57 '60.

BRUCELLOSIS IN CATTLE
Comparative evaluation of the effect of the brucellosis allergen from Rostov Province Veterinary Research Station and the brucellosis extract from the All-Union Experimental Veterinary Institute on cattle. F. P. Lokteva. Trudy Rost. NIVS no. 12:42-44 '60.
The eye method and the serum-instillation RA in cattle as indices of brucellosis infection. F. P. Lokteva. Trudy Rost. NIVS no. 12:38-41 '60.
Ring milk reaction in brucellosis in cattle. N. P. Filipovich. Trudy Rost. NIVS no. 12:51-55 '60.
Use of strain No. 19 brucellosis vaccine in curing cows of brucellosis. F. P. Lokteva. Trudy Rost. NIVS no. 12: 12-17 '60.
Vaccine prophylaxis of cows as a measure for protecting them from brucellosis infection. F. P. Lokteva, N. A. Beliaeva. Trudy Rost. NIVS no. 12:5-11 '60.
Working out measures for curing cattle in brucellosis quarantine. F. P. Lokteva, V. G. Romanenko. Trudy Rost. NIVS no. 12:27-37 '60.

BRUCELLOSIS IN SHEEP
Results of two years of using strain No. 19 brucellosis vaccine on sheep. F. P. Lokteva and others. Trudy Rost. NIVS no. 12:18-26 '60.
Verification of Professor D. A. TSaverkalov's brucellosis hydrolysate activity in test series on sheep F. P. Lokteva, E. V. Bashmakova. Trudy Rost. NIVS no. 12:45-50 '60.

BRYANSK—INSURANCE, SOCIAL—EMPLOYEES
There are no more mistakes. A. Egorov. Sots. obesp. 23 no. 7:20-21 Jl '62.

BUCKTHORN
Effect of preparations from Ziziphora Bungiana on the amount of cholesterol in the blood serum of rabbits. Sh. Zh. Zhangozin. Vest. AN Kazakh. SSR 18 no 6: 40-46 Je '62.

BUCKWHEAT
(see also subdivision under Ukraine)
Buckwheat as a stubble crop [with summaries in English, German, and French]. I. N. Elagin. Vest. sel'khoz. nauki 7 no. 6:96-100 Je '62.
Elagin, I. N. [Buckwheat] Grechikha. [Moskva] Mosk. rabochii, 1962. 47 p. (DNAL)

BUCKWHEAT BREEDING
Making use of heterosis in buckwheat [with summary in English]. G. V. Pliezzhev. Izv. TSKHA no. 3:17-50 '62.

BUDGET
(see also subdivision under Bulgaria, Ukraine)
Classification needs to be simplified. Z. Rusin. Fin. SSSR 23 no. 9:52-55 S '62.
Successfully fulfill the budget income plan. Fin. SSSR 23 no. 9:3-7 S '62.

BUDS
Vital activity of buds as related to sexual differentiation in woody forest plants [with summary in English]. D. G. Minina. Bot. zhur. 47 no. 7:936-941 Jl '62.

BUG VALLEY—ANORTHOSITE
Genesis of anorthosite of the middle Bug Valley I. B. Shcherbakov. Geol. zhur. 22 no. 4:26-36 '62

BUILDING
Akademiia stroitel'stva i arkhitektury SSSR. Institut organizatsii, mekhanizatsii i tekhnicheskoi pomoshchi stroitel'stvu. [Assembly of large-block houses] Montazh krupnoblochnykh domov. Izd. 2., ispr. i perer. Moskva, Gosstroiizdat, 1961. 214 p.
Bal'makova, I. K. [Organization of transportation in the operational production lines of housing construction combines] Organizatsiia raboty transporta na tekhnologicheskikh liniiakh domostroitel'nykh kombinatov. Leningrad, 1962. 37 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Serila: Stroitel'naia promyshlennost', no. 8)
Shatkin, M. P. [Handbook on geodesy for builders] Spravochnik po geodezii dlia stroitelei. Moskva, Geodezizdat, 1962. 270 p.

BUILDING—BIBLIOGRAPHY see Bibliography—Building

BUILDING—DETAILS
(see also subdivision under Krasnoyarsk)
Designing welded joints on prefabricated elements of panel buildings. A. Brodskii, IU. Rodin. Zhil. stroi. no. 7:17-19 '62.
[Joinery products for residential and public buildings] Stolliarnye izdeliia dlia zhilykh i grazhdanskikh zdanii. Izdanie ofitsial'noe. Moskva, Standartgiz, 1962. 123 p. (SSSR. Gosudarstvennyye standarty).
The problem of making calculations for joints held with high-strength bolts in elements subject to flexure. A. P. Savvin. Izv. vys. uch. zav.: stroi. i arkhit. 5 no. 4 165-170 '62.
School of advanced experience on the quality of evening up the seams of slabs. V. Golovko. Bud. mat. i konstr. 4 no. 2.60-61 Mr-Ap '62.
Shit'ko, A. I. [New developments in the finishing of large-panel houses] Novoe v otdelke krupnopanel'nykh domov. [Moskva] Mosk. rabochii, 1962. 61 p. (Stroitel'i obmenivaiutsia opytom)
Stressed joints of wire reinforced concrete elements. IU. D. Vidineev. Gidr. stroi. 32 no. 8 26-30 Ag '62.

BUILDING—ELECTRIC EQUIPMENT
Anisimov, A. P. [Electric equipment and power supply at building sites] Elektrooborudovanie i elektrosnabzhenie stroitel'nykh ploshchadok. Moskva, Gosstroiizdat, 1962. 220 p.

BUILDING—ESTIMATES
(see also subdivision under Magadan Province, Yakutia)
Estimated cost norms. Elon. stroi. no. 6:63-65 Ag '62.

BUILDING—TECHNOLOGICAL INNOVATIONS
Efficiency promotors suggest.... Transp. stroi. 12 no. 8.54 Ag '62.
In the Technical Council. Transp. stroi. 12 no. 8 63-64 Ag '62.
Lantsov, V. A., and K. A. Glukhovskoi. [Overall mechanization in housing construction; based on the practices of construction projects in Leningrad] Kompleksnaia mekhanizatsiia v zhilishchnom stroitel'stve; na opyte leningradskikh strok. Leningrad, Gosstroizdat, 1962. 223 p.
Novozhilov, G. G. [We mechanize the work of builders] Mekhaniziruem trud stroitelei. [Moskva] Mosk. rabochii, 1962. 30 p.
Potentials for the growth of labor productivity in construction of synthetic fiber plants. M. Kucher, K. Abusheva. Prom. stroi. i inzh. soor. 4 no. 4: 26-29 Jl-Ag '62.

BUILDING, CONCRETE see Concrete construction

BUILDING, EARTHQUAKE-PROOF see Earthquakes and building

BUILDING, WOODEN
Brief notes on books. A. F. Golubitskii Vest. vys. shkoly 20 no 8:95-96 Ag '62.

BUILDING INDUSTRY see Construction industry

BUILDING LAWS
If you have decided to build a house. I. Stoliarov. Sov. deput. trud. no. 10:72-74 O '62.

BUILDING MACHINERY see Construction equipment

BUILDING MATERIALS
(see also subdivision under Estonia)
Calculations for glued three-layer structural slabs A. I. Brusilovskii. Trudy TSNIISK no. 11 225-263 '62
[Handbook on loading, unloading, and conveying operations in construction] Spravochnik po pogruzochno-razgruzochnym i transportnym rabotam na stroitel'stve. Pod red. G. P. Grinevicha. Moskva, Gosstroiizdat, 1962. 376 p.
Luminous house. I. Arsen'ev. Znan.-sila 37 no. 6: 12-13 Je '62
Problems of manufacturing and testing wall and facing materials. Biul. stroi. tekh. 19 no. 1:37-39 Mr '62.
Structural plastics and elements made of them A. B. Gubenko, G. N. Zubarev, I. S. Petrov. Trudy TsNIISK no. 11 5-63 '62.
Use of ceramics in industrial construction. M. I. Rogovoi. Stroi. mat. 8 no. 8: 6-10 Ag '62.

BUILDING MATERIALS—STANDARDS
[Finishing and facing materials] Materialy otdelochnye i oblitsovochnye. Izd. ofitsial'noe. Moskva, Standartgiz, 1962. 240 p. (SSSR Gosudarstvennyi standarty) [MICROFILM]

BUILDING MATERIALS INDUSTRY
(see also subdivision under Lithuania, Virgin Territory)
Russia (1923- U.S.S.R.) Gosudarstvennyi komitet po delam stroitel'stva. [Handbook of consolidated indices of estimated cost and expenditure of resources] Spravochnik ukrupnennykh pokazatelei smetnoi stoimosti i raskhoda resursov. Utverzhden Gosudarstvennym komitetom Soveta Ministrov SSSR po delam stroitel'stva 10 fevralia 1961 g. Moskva, Gosstroiizdat
No. 1. [Buildings and structures for the production of building materials and elements] Zdaniia i sooruzheniia po proizvodstvu materialov i konstruktsii. 1961. 259 p.
Utilize machinery and equipment to their full capacity. Stroi. mat. 8 no. 8: 2 Ag '62.

BUILDING RESEARCH
Several tasks of science in connection with the industrialization of housing construction. V. Lantsov. Leon. stroi. no. 8: 71-77 Ag '62.

BUILDING STONES
Grigorovich, M. B. [Natural building stones and sands] Estestvennye stroitel'nye kamni i peski. Izd. 2. Moskva, Gosgeoltekhizdat, 1962. 19 p. (Bibliotechka laskatelia poleznykh iskopaemykh)

BUILDING STONES—CONGRESSES
All-Union conference on the problems of extracting and dressing natural wall stone. D. L. Khutoretskii. Mekh. stroi. 19 no. 4: 30 Ap '62.
All-Union coordinating conference on the problems of extracting and dressing natural wall stone. Biul. mat. i konstr. 4 no. 2: 61-62 Mr-Ap '62.

BUILDING TRADES—STUDY AND TEACHING
Conditions of industrial training. O. Kalinin. Nar. obr. no. 10: 33-34 O '62.

BUILDINGS, PREFABRICATED
Luminous house. I. Arsen'ev. Znan.-sila 37 no. 6: 12-13 Je '62.
Unit for the manufacture of three-dimensional blocks the size of two rooms. I. P. Barbanash, M. N. Ruchkan. Mekh. stroi. 19 no. 4: 8-10 Ap '62.

BUILT-IN FURNITURE
Kleindlin, L. N. and I. A. Morozov. [Manufacture of wooden elements and built-in furniture] Proizvodstvo stolitarnykh izdelii i vstroennoi mebeli. Moskva, Gosstroiizdat, 1962. 247 p.
Sorokin, K. F., R. N. Blashkevich, and A. L. Miatleva. [Kitchens, bathrooms, and built-in furniture; examples from abroad] Kukhni, sanitarnye uzly i vstroennaia mebel'; zarubezhnyi opyt. Moskva, Gosstroiizdat, 1962. 148 p.

BUKOVINA—FOLKLORE STUDIES
Visiting the folklorists in Chernovtsy Province. I. Seredniuk, A. Volkov. Nar. tvor. ta etn. 6 no. 1: 153-154 Ja-Mr '62.

BULAKHOVSKII, LEONID ARSEN'EVICH, 1888-1961
Leonid Arsen'evich Bulakhovskii; an obituary. Movoznavstvo 16: 132-133 '61.

BULAN-KUL' LAKE REGION—ROCKS
Alkali and nepheline rocks in the Lake Bulan-kul' region (Kuznetsk Ala-Tau) and their genesis. E. K. Stankevich. Trudy VSEGEI 73: 183-194 '62.

BUL'BOKSKIY DISTRICT—EROSION
Applying fertilizers to winter wheat in eroded soils. I. S. Konstantinov. Vop. eroz. i pov. prod. sklon. zem. Mold. 1: 68-75 '61.

BUL'BOKSKIY DISTRICT—WHEAT—FERTILIZERS AND MANURES
Applying fertilizers to winter wheat in eroded soils. I. S. Konstantinov. Vop. eroz. i pov. prod. sklon. zem. Mold. 1: 68-75 '61.

BULGARIA—BLINDNESS—DIAGNOSIS
Some mistakes in determining blindness. N. Shumova. Sots. obesp. 23 no. 7: 34-35 Jl '62.

BULGARIA—BUDGET
Role of the budget in the development of the national economy. K. Lazarov. Fin. SSSR 23 no. 6: 81-87 S '62.

BULGARIA—COAL MINES AND MINING
Word to our brothers. Sov. shakht. 11 no. 9: 10-11 S '62.

BULGARIA—COMMERCE
Prospects for the development of Bulgaria's economy and foreign trade [with English summary in appendix]. A. Stepanova. Vnesh. torg. 42 no. 9: 3-6 '62.

BULGARIA—DISABILITY EVALUATION
Some mistakes in determining blindness. N. Shumova. Sots. obesp. 23 no. 7: 34-35 Jl '62.

BULGARIA—ECONOMIC CONDITIONS
Prospects for the development of Bulgaria's economy and foreign trade [with English summary in appendix] A. Stepanova. Vnesh. torg. 42 no. 9: 3-6 '62.
Socialist countries as seen by a western socialist. Konni Zilliacus. Nov. vrem. 20 no. 13: 21-22 O '62.

BULGARIA—ECONOMIC POLICY
Bulgaria in 1960, interview with Luben Gerasimov, Bulgarian Ambassador to the U.S.S.R. Nov. vrem. 20 no. 41: 11-15 O '62.

BULGARIA—EDUCATION, ELEMENTARY
Primers and school chrestomathies in the Bulgarian People's Republic. A. Tumanina. Nar. obr. no. 8: 112-113 Ag '62.

BULGARIA—ELECTRIC POWER PLANTS—EQUIPMENT AND SUPPLIES
Fuel supply, handling and storage in the 500,000 kw capacity "Maritsa-Vostok" heat and electric power plant of the Bulgarian People's Republic. A. A. Bobrov. Teploenergetika 9 no. 10: 81-87 O '62.

BULGARIA—FOLKLORE STUDIES
Visiting the Bulgarian folklorists. O. Mordvintsev. Nar. tvor. ta etn. 6 no. 1: 154-155 Ja-Mr '62.

BULGARIA—HISTORY
Economic conditions and the class struggle in Bulgaria from the early phase of the Second World War to the admission of Bulgaria to the fascist bloc. L. B. Valev. Uch. zap. Inst. slav. 24: 3-48 '62.

BULGARIA—MAMMALS
Mammals of Bulgaria, their species and characteristics of distribution [with summary in English] R. P. Zimina. Zool. zhur. 41 no. 8: 1226-1237 Ag '62.

BULGARIA—PETROLEUM
Preparation of rubrax from Bulgarian asphaltum oil. M. M. Cherantimov, K. P. Kaishev, Kh. D. Lambiev. Khim. i tekh. topl. i masel. 7 no. 7: 30-33 Jl '62.

BULGARIA—STRIKES AND LOCKOUTS
Strikes of the Bulgarian proletariat during the early phase of the world economic depression, 1929-1931. R. P. Grishina. Uch. zap. Inst. slav. 25: 234-256 '62.

BULGARIA—TROUT
From the work practices of the Samokov Trout Farm in Bulgaria. N. E. Sul'nikov. Ryb. khoz. 38 no. 7: 78-80 '62.

BULGARIAN FOLK SONGS see Folk songs, Bulgarian

BULGARIAN FOLKLORE see Folklore, Bulgarian

BULGARIAN LITERATURE—HISTORY AND CRITICISM
"The history of modern Bulgarian literature" [in English] by C. A. Manning, R. Smal-Stocki. Reviewed by T. A. Vazdizhenskaia. Lit. slav. nar. no. 7: 196-202 '62.
Moscow. Akademiia obshchestvennykh nauk. [Problems of Bulgarian and Czechoslovak literature] Voprosy bolgarskoi i chekhoslovatskoi literatury. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1962. 271 p.

BULLDOZERS
Bulldozer equipment mounted on the T-140 tractor. N. L. Morinov. Mekh. stroi. 19 no. 9: 23 S '62.

BULLS
Judging bulls by the milk yield of their daughters during the first 2-3 months of lactation. D. N. Pak. Vest. sel'khoz. nauki [Kazakh.] 5 no. 7: 55-59 Jl '62.
Results of judging herd bulls of various breeds according to the quality of their progeny. L. K. Ernst. Agrobiologiia no. 4: 566-576 Jl-Ag '62.

BUNT (DISEASE OF WHEAT) see Smuts

BUONAROTTI, MICHEL ANGELO, 1475-1564
Last Judgement. A. Varshavskii. Znan.-sila 37 no. 5: 48-49 My '62.

BURIAL CUSTOMS see Funeral rites and ceremonies

BURMA—HISTORY
"Laboring classes and the national liberation movement in Burma" by A. S. Kaufman. Reviewed by S. S. Shnaider. Vop. ist. no. 9: 130-132 S '62.

BURMA—HYDROELECTRIC POWER STATIONS
The Balu Chaung Hydroelectric Power Station (Burma). M. A. Korniukhin. Gidr. stroi. 32 no. 8: 49-51 Ag '62.

BURMA—INLAND NAVIGATION
Inland waterways in Burma. V. Maslinkov. Rech. transp. 21 no. 9: 53-54 S '62.

BURNING OF LAND see subdivision under Vologda Province

BURNS AND SCALDS
Clinical aspects and treatment of deep burns in the region of the shoulder joint. N. V. Gudim-Levkovich. Ortiop., travm. i protez. 23 no. 6: 21-24 Je '62.
How to conduct anesthesia in [cases of] burns. I. L. Goldzand, Feld, Latush. 27 no. 7: 43-44 Jl '62.

BURUNDI
Rwanda and Burundi, new independent African states. V. Lapushina. Otv. na vop. triad. no. 6: 45-51 Je '62.

BURYAT LITERATURE—HISTORY AND CRITICISM
Belousov, A. A. [Gor'kii and Buryat literature, articles and reviews] Gor'kii i buriatskaia literatura, stat'i i retsenzii. Ulan-Ude, Buriatskoe knizhnoe izd-vo, 1961. 186 p.
(MH)

BURYAT-MONGOLIA—ETHNOLOGY
Ethnographic conference in Ulan-Ude. I. F. Tugutov. Sov. etn. no. 4: 188-190 Jl-Ag '62.

BURYAT-MONGOLIA—LIBRARIES
Exploit opportunities more fully. N. Kartashov. Bibliotekar' no. 9: 58-60 S '62.

BUSINESS CYCLES
The capitalist cycle; some social consequences. I. Kuz'minov. Mezhdunar. zhizn' 9 no. 10: 11-24 O '62.

BUTADIENE
Chemistry of unsaturated ethers. Part 12. Structural orientation of diene condensation of 1-alkoxydienes with asymmetrical dienophyls. S. M. Makin, B. K. Kruptsov. Zhur. ob. khim. 32 no. 8: 2521-2527 Ag '62.
Mechanism of diene polymerization and the structure of the polymer chain. B. A. Dolgoplosk, E. I. Tinikova. Dokl. AN SSSR 146 no. 2: 362-365 S '62.
Order of addition of aniline to bivinyl oxide. K. D. Petrov, S. R. Tulaganov. Zhur. ob. khim. 32 no. 9: 2929-2931 S '62.

BUTADIENE—SPECTRA
Chemistry of unsaturated ethers. Part 13. Reaction of acetalization of 1, 1, 3-trialkoxyalkanes and the synthesis of 1-alkoxy-1, 3-dienes with heavy alkoxy groups. Ultraviolet spectra and Raman spectra of 1-alkoxy-1, 3-dienes. S. M. Makin and others. Zhur. ob. khim. 32 no. 8: 2527-2535 Ag '62.
Temperature dependence of the infrared absorption bands of gaseous 1, 3-Butadiene. D. B. Reznikova, V. I. Pitilin, V. M. Tatevskii. Opt. i spektr. 13 no. 3: 364-368 S '62.

BUTANEBORONIC ACID
Determination of the heat of formation of di-n.-butyl ester of n.-butylboric acid. G. L. Gal'chenko and others. Zhur. ob. khim. 32 no. 8: 2405-2408 Ag '62.

BUTANOL
Determining of butanol in butyl acetate with the method of gas-liquid chromatography. IU. K. Shaposhnikov and others. Gidroliz. i lesokhim. prom. 15 no. 6: 22-24 '62.

BUTENE
Electron microscope study of the structure of isotactic polybutylene. V. G. Zhuravleva, Z. IA. Beresneva, V. A. Kargin. Dokl. AN SSSR 146 no. 2: 366-367 S '62.
Interaction of metal derivatives of β-dicarbonyl compounds with α-halogen oxides. Part 1: Interaction of Na- and $C_6H_5CH_2(CH_3)_2N^+$ derivatives of acetoacetic ester with α-bromine oxides of isomeric butenes. T. I. Temnikova, B. A. Ersov. Zhur. ob. khim. 32 no. 8: 2416-2442 Ag '62.

BUTENOL
Interaction of 1-anilino-3-buten-2-ol with aldehydes. K. D. Petrov, S. R. Tulaganov. Zhur. ob. khim. 32 no. 9: 2932-2935 S '62.

BUTTER
Improving the making of creamery butter on continuous production lines by the method of separation. O. A. Vynogradov. Khar. prom. no. 2: 5-7 Ap-Je '62.

BUTYL PHOSPHATE
Coextraction of uranyl nitrate and cerium (IV) nitrate by tributyl phosphate. A. V. Nikolaev, O. R. D'iachenko, IU. A. Afanas'ev. Dokl. AN SSSR 146 no. 1: 102-103 S '62.
Density, viscosity, surface tension of solutions, and diffusion coefficients of substances in the system water - uranyl nitrate - nitric acid - tributyl phosphate. E. V. Voronetskaia, A. M. Rozen. Ekstr., teor., prim., app. no. 2: 199-208 '62.

BUTYL PHOSPHATE (Continued)

Distribution of butylphosphoric acids between aqueous solutions and tributyl phosphate. A. P. Rozhev, I. V. Poddubskaia, A. M. Rozen. Ekstr. i teor. prim. app. no. 2 71-79 '62

Effect of mono- and dibutyl phosphates on the extraction of uranium (VI) by tributyl phosphate. V. B. Shevchenko, V. S. Smelov. Ekstr. i teor., prim., app. no. 2:219-225 '62.

Extraction of uranium by mixtures of tributyl phosphate and diisoamyl ester of methylphosphonic acid. V. V. Fomin, R. E. Kartushova, I. P. Maiorova. Ekstr. i teor., prim., app. no. 2 37-46 '62

Problem of the extraction of fission products by mono- and dibutyl phosphates. V. B. Shevchenko, V. S. Smelov. Ekstr., teor., prim., app. no. 2 257-263 '62.

Separation of thorium from rare earths by tributyl phosphate extraction. G. L. Kaplan and others. Ekstr., teor., prim., app. no. 2 151-159 '62.

BUURDU REGION (KIRGHIZISTAN)—STRIP MINING

Ubakeev, S. U. [Determination of the stability of the sides of pits dug in solid rock as exemplified by the Buurdu Mine] Opredelenie ustoichivosti bortov skal'nykh kar'erov; na primere Buurdinskogo rudnika. Frunze, Akad. nauk Kirgizskoi SSR, 1960. 62 p.

BUZULUK—CONSTRUCTION INDUSTRY

Follow-up of articles published in our periodical. Kommunist 39 no. 16:120 N '62.

BUZULUK VALLEY—GEOLOGY, STRATIGRAPHIC

Subdivision of Lower Famennian deposits of the Khoper-Buzuluk interfluve. V. I. Shevchenko. Dokl. AN SSSR 146 no. 1:193-194 S '62.

BYKHOV DISTRICT—AGRICULTURE

Our workdays. I. Karalenka. Rab. i krest. 38 no. 9:3-4 S '62.

BYKOVA, ANNA KONSTANTINOVNA

Anna Konstantinovna Bykova. Med. sestra 21 no. 9:49 S '62.

BYLINY

L. N. Tolstoi's work on revised texts of Russian byliny. N. V. Vodovozov. Uch. zap. MGPI 178:82-121 '62.

Possible historical reminiscences in the "Byliny on King Solomon." N. V. Vodovozov. Uch. zap. MGPI 178:168-185 '62.

Russian medieval life as depicted in the folk byliny. N. V. Vodovozov. Uch. zap. MGPI 178:122-167 '62

BYZANTINE EMPIRE—FEUDALISM

Gorianov, B. T. [The late phase of Byzantine feudalism] Pozdnevizantiiskii feodalizm. Moskva, Izd-vo Akad. nauk SSSR, 1962. 501 p.

BYZANTINE STUDIES

"The Byzantine Chronicle" from 1953 to 1961. M. M. Freidenberg. Vop. ist. no. 9:135-141 S '62.

BZHINEVI REGION—ASBESTOS

Mineralogical characteristics of asbestos from the Bzhinevi region [in Azerbaijani with summary in Russian] T. V. Batashvili. Trudy Geol. inst. AN Gruz. SSR Min. i petr. ser. 6 145-152 '61

BZYB RANGE—HYDROLOGY

Development of the drainage network on the southern slope of the Bzyb Range. S. N. Nemanishvili. Izv. Vses. geog. ob-va 94 no. 4:337-339 Jl-Ag '62.

CADAVERS

Study of the histological changes in cadaver skin during the process of its preservation in solutions. A. G. Fedotenkov, L. A. Danilova, L. D. Popova. Probl. gemat. i perel. krovi no. 6:41-47 '62.

CADMIUM

Absorption of neutrons emitted from a fast neutron source by cadmium and indium plates immersed in an aqueous medium. V. A. El'tekov, Iu. S. Riabukhin. Atom. energ. 13 no. 3:266-269 S '62.

CADMIUM ANTIMONIDE

Thermoelectric properties of cadmium antimonide alloyed with elements of the I, II, IV, VI groups. S. M. Gusev, G. V. Rakin. Fiz. tver. tela 4 no. 9:2328-2337 S '62.

CADMIUM COMPOUNDS

Preparation of cadmium borotungstate. O. N. Sokolova. Zhur. neorg. khim. 7 no. 9:2155-2158 S '62.

CADMIUM SELENIDE CRYSTALS

Infrared damping and the photoactivation of the photoconductivity of cadmium selenide single crystals. V. V. Serdiuk. Izv. vys. uch. zav.; fiz. no. 4:140-145 '62.

CADMIUM SULFIDE

Asymmetry index and half-width of the probing characteristics of cadmium sulfide. A. E. Kiv, O. R. Niiazova. Izv. AN Uz. SSSR, Ser. fiz. mat. nauk 6 no. 2:82-83 '62

CADMIUM SULFIDE—ELECTRIC PROPERTIES

Some specific probing characteristics of cadmium sulfide. V. O. Borisov, A. E. Kiv, O. R. Niiazova. Izv. AN Uz. SSSR, Ser. fiz. mat. nauk 6 no. 2:55-58 '62.

CADMIUM SULFIDE CRYSTALS

Effect of pile radiation on the properties of CdS single crystals. A. P. Galushka, I. D. Konozenko. Atom. energ. 13 no. 3 277-280 S '62.

CADMIUM SULFIDE CRYSTALS—ELECTRIC PROPERTIES

Alpha-counter characteristics of cadmium sulfide single crystals. S. V. Starodubtsev and others. Izv. AN Uz SSSR, Ser. fiz. mat. nauk 6 no. 2 42-45 '62

CADMIUM SULFIDE CRYSTALS—SPECTRA

Characteristics of the dispersion and form of exciton absorption bands of CdS single crystals. M. S. Brodin, M. I. Strashnikova. Fiz. tver. tela 4 no. 9:2454-2460 S '62.

CADOLINIUM—ISOTOPES

Spectra of gamma rays and internal conversion electrons emitted in (nγ) reactions on gadolinium isotopes. I. V. Groshev and others. Izv. AN SSSR Ser. fiz. 26 no. 9 1119-1133 S '62.

CAKE—TRANSPORTATION

A freight train from the city of Novo-Troitsk. P. Buzin. Komsom. zhizn' no. 15:7 Ag '62.

CALCIUM—SPECTRA

H and K lines of CaII in the weak chromospheric flare of September 8, 1960. S. G. Mamedov. Izv. AN Azerb. SSR Ser. fiz.-mat. i tekh. nauk no. 3 111-117 '62.

CALCIUM CHLORIDE

Investigation of the ternary system consisting of lithium, sodium, and calcium chlorides. G. A. Bukhalova, A. S. Arabadzhan. Zhur. neorg. khim. 7 no. 9:2230-2232 S '62

Reaction of sodium gallate with sodium sulfide and calcium chloride. I. S. Chaus, I. A. Sheka. Zhur. neorg. khim. 7 no. 9:2162-2166 S '62.

CALCIUM IN THE BODY

Blood calcium content in atherosclerosis [with summary in English]. D. M. Aronov. Kardiologiia 2 no. 4 12-16 Jl-Ag '62.

Method for determining calcium in the blood plasma by means of flame photometry. I. F. Grekh, E. A. Bognibov. Lab. delo 8 no. 8:15-18 Ag '62.

CALCIUM METABOLISM

Complex syndrome of calcium metabolism disorders as a result of a lesion of the diencephalic region [with summary in French]. G. IA. Vysotskii. Och. klin. nevr. no. 1 210-214 '62.

State of phosphorus-calcium metabolism in the initial form of parodontosis. A. D. Noskov. Stomatologiia 41 no. 4:15-16 Jl-Ag '62

CALCIUM OXIDE

Crucibles made of calcium oxide. P. S. Mamykin, S. G. Zlatkin. Ogneupory 27 no. 8:378-380 '62.

CALCULATING MACHINES

Device for the multiplication and division of stresses with rotating double-feed transformers. M. I. Chernenko, L. P. Shinibekov. Izv. vys. ucheb. zav.; prib. 5 no. 5 75-80 '62.

Pneumatic pulse counter. V. P. Zenchenko, M. L. Frolov. Mashinostroitel' no. 9:26 S '62.

Using computers in the automation of production processes. Mekh. i avtom. proizv. 16 no. 9:56-58 S '62.

CALCULATING MACHINES—ACCOUNTING see subdivision under Moscow

CALCULI

Calculus in the maxillary sinus. V. I. Dorofeev. Stomatologiia 41 no. 4:90 Jl-Ag '62.

CALCULUS, DIFFERENTIAL

Fikhtengol'ts, G. M. [Course in differential and integral calculus] Kurs differentsial'nogo i integral'nogo ischisleniia. Izd. 5., stereotipnoe. Moskva, Fizmatgiz. Vol. 2, 1962. 807 p.

CALCULUS, INTEGRAL

Fikhtengol'ts, G. M. [Course in differential and integral calculus] Kurs differentsial'nogo i integral'nogo ischisleniia. Izd. 5., stereotipnoe. Moskva, Fizmatgiz. Vol. 2, 1962. 807 p.

CALCALUS OF DIFFERENCES see Difference equations

CALCULUS OF TENSORS

Electrodynamics of weakly nonlinear media [with summary in English]. Sh. M. Kogan. Zhur. eksp. i teor. fiz. 43 no. 1:304-307 Jl '62.

Symmetric almost simplex affine connectivities on Hermitian manifolds. V. A. Gaukhman. Dokl. AN SSSR 146 no. 2:277-280 S '62.

CALCULUS OF VARIATIONS

New proof of the theorem of the existence of an absolute minimum for two-dimensional variational problems in the parametric form. IU. G. Reshetniak. Sib. mat. zhur. 3 no. 5:744-768 S-O '62.

Some variational problems on approaching and interaction. G. I. Kostychev. Izv. vys. ucheb. zav.; av. tekh. 5 no. 3:25-33 '62.

CALCUTTA—FIG

"Tsiganee" tree. G. I. Manikovskii. Priroda 51 no. 9 125 S '62.

CALENDAR

Seleshnikov, S. I. [History of the calendar and its forthcoming reform] Istoriia kalendaria i ego predstoiashchaia reforma. [Leningrad] Lenizdat, 1962. 130 p.

CALENDAR, CHUVASH

Chuvash national calendar. N. R. Romanov. Uch. zap. CHNII no. 21 237-244 '62.

CALORIMETERS

Calorimeters for high-speed thermophysical testing of metals in wide temperature ranges. L. V. Levkovich, F. S. Platunov. Izv. vys. ucheb. zav.; prib. 5 no. 4 85-93 '62.

CALVES

Studying lipolysis and the unsaturation degree of "crude" fat in the rumen of calves [with summary in English]. P. I. Zherebtsov, A. I. Solomtsev. Izv. TSKHA no. 2: 214-217 '62.

CALVES—DISEASES AND PESTS see subdivision under Azerbaijan; Rostov Province

CALVES—PARASITES see Parasites—Calves

CAMBODIA—ECONOMIC ASSISTANCE, AMERICAN

A poisoned gift. V. Sergin. Az. i Afr. segi. no. 9:57-58 S '62.

CAMELS

Why the camel needs its hump. Zhan.-stia 37 no. 5:31 My '62.

CAMEROON—FOREIGN ECONOMIC RELATIONS—GERMANY, WEST

Bonn business men at the gates of Cameroon. I. Sivtsev. Nov. vrem. 39 no. 12:18-19 O '62

CAMEROONS—HISTORY

"Cameroons under German colonial rule" [in German] Vol. 1. Reviewed by IU. I. Komai. Vop. ist. no. 9:172-174 S '62.

CAMEROONS—POLITICS AND GOVERNMENT

He perished for the freedom of Cameroons. S. Volk. Az. i Afr. segi. no. 9 54-55 S '62.

CAMOUFLAGE (MILITARY SCIENCE)

Gordeev, N. P. [Camouflage at sea; practice in foreign navies] Maskirovka na more, po opytu inostrannykh flotov. Moskva, Voenizdat, 1962. 88 p. (Za voenno-tekhnicheskie znaniia)

CAMPHENE

Terpene phenols. Part 7: Conversions of condensation products of camphene with o-cresol. I. A. Kheifits and others. Zhur. ob. khim. 32 no. 8 2717-2722 Ag '62

CAMPS

Spirin, L. [Vera Tereshchenko Pioneers' camp] Pionerskii lager' imeni Very Tereshchenko. [By] L. Balanenko i dr. Izd. 2., ispr. i dop. Moskva, Uchpedgiz, 1962. 118 p.

CAMS

Investigating the kinematics of flat cam gears with a variable curvature of the profile of the follower. L. V. Korchemnyi. Trudy Inst. mash. Sem. po teor. mash. i mekh. 23 no. 91 67-79 '62.

Kolchin, N. I., and M. S. Movnin. [Theory of mechanisms and machinery; construction and kinematics of mechanisms, dynamics of machinery and friction] Teoriia mekhanizmov i mashin; struktura i kinematika mekhanizmov, dinamika mashin i trenie. Pod obshchei red. N. I. Kolchina. Leningrad, Sudpromgiz, 1962. 615 p.

CANADA—DESCRIPTION AND TRAVEL

"Canada smelling of tar" by A. Fiedler. Reviewed by F. I. Baranova. Priroda 51 no. 9:76 S '62.

CANADA—ECONOMIC CONDITIONS

Some aspects of the present-day economy of Canada. V. Kolybanov. Ekon. Rad. Ukr. no. 5:94-99 S-O '62.

CANADA—GRAIN BREEDING

Shevchuk, T. N. [Breeding of grain crops and seed production in Canada] Selektsiia i semenovodstvo zernovykh kul'tur v Kanade. Leningrad, Sel'khozizdat, 1961. 86 p.
(DNAL)

CANADA—PETROLEUM REFINERIES

Construction of petroleum chemical plants in the U. S. S. and Canada (from "Oil and Gas," no. 48, 1962). Khim. i tekh. topl. i masel. 7 no. 7 72 Jl '62.

CANADA—SEED PRODUCTION

Shevchuk, T. N. [Breeding of grain crops and seed production in Canada] Selektsiia i semenovodstvo zernovykh kul'tur v Kanade. Leningrad, Sel'khozizdat, 1961. 86 p.
(DNAL)

CANADIAN SHIELD—EARTH—SURFACE

Development of the earth's crust in the Early Pre-Cambrian as revealed by the studies of the Canadian Shield. M. S. Markov. Trudy VSGL Ser. geol. no. 5:70-76 '62.

CANALS
Determining minimum speed for supercritical conditions of ship movement in canals [with summary in English] V.O.Stepanov, V.V.Stepaniuk Prykl.mekh. 8 no.5 531-540 '62.

CANALS—NAVIGATION
Movements and passage through locks of "Volgo-Don"-type motorships on the V.I Lenin canal. G.Fedorov. Rech.transp. 21 no.9 39-41 S '62.

CANCER
(see also subdivision under Vietnam, North)
Atherosclerotic vascular lesions in cancer, statistical study. F.N.Semeitsov. Arkh.pat. no.7 49-54 '62.
Changes in the activity of blood thrombokinase in malignant neoplasms under the influence of radiotherapy [with summary in English]. F.N.Markholenko. Vop. onk. 8 no.8 25-29 '62.
Larionov, L.F. [Chemotherapy of malignant tumors] Khimioterapiia zlokachestvennykh opukholei. Moskva, Medgiz, 1962. 463 p. (DNLM)
Strain of malignant cells obtained through the prolonged cultivation in vitro of normal kidney tissue from mice of the A/SN line. M.IA.Churnakova and others. Vop. onk. 8 no.8;51-57 '62.
Use of the antibiotic aurantin in malignant neoplastic processes. L.M.Nisnevich, S.S.Akopiants. Klin.med. 40 no.6;21-25 Je '62.

CANCER—CONGRESSES
Attack on cancer. N.N.Blokhin. Priroda 51 no.9;32-36 S '62.

CANCER RESEARCH
Cytological and cytochemical changes in a culture of cells of the HeLa strain following the action of sarcolysine [with summary in English] M.A.Presnov, T.G. Khaleeva Arkh.anat., gist.i embr. 43 no.7;51-59 Jl '62
Lymph circulation in some experimental tumors [with summary in English]. L.M.Gol'dshtein, D.L.Kleiman. Trudy Inst.onk. AMN SSSR no.4;107-129 '62.
Macro-and microscopic studies of the vascular system in malignant tumors [with summary in English] D.A. Zhdenov, N.V.Krylova Arkh.anat., gist.i embr. 43 no.7 27-50 Jl '62
State of the synapses in the peripheral nervous system in cancer of the internal organs [with summary in English] A.R.Atakishiev Arkh.anat., gist.i embr. 43 no.7 100-104 Jl '62.
Study of the action of bacterial deoxyribonucleases on Ehrlich ascites carcinoma in experiments in vitro. M.I.Bellaeva, A.M.Nuzhina. Vop.onk. 8 no.8;62-65 '62.

CANCEROGENIC COMPOUNDS see Carcinogens

CANNED FISH see Fish, Canned

CANNED FOODS see Food, Canned

CANNED FRUIT see Fruit, Canned

CANNING AND PRESERVING
(see also subdivision under United States)
How to preserve vegetables for the winter. Rab.i sial. 38 no.8;23 Ag '62.

CANNING INDUSTRY
(see also subdivision under Armenia, Dnepropetrovsk; France; Odessa, United States)
All-Union conference of representatives of the canning industry. Kons.i ov.prom. 17 no.10;42-45 O '62.
From pages of newspapers. Kons.i ov.prom. 17 no.10;46-47 O '62.
work of state farms under the economic the R.S.F.S.R. I.A.Larikov. Kons.i ov. no.10;22-23 O '62.

CANNING INDUSTRY—EQUIPMENT AND SUPPLIES
Using reed grass for packing glass containers in boxes. M.M.Dykalo. Khar.prom. no.2;63 Ap-Je '62.

CANNING INDUSTRY—QUALITY CONTROL
Bacteriological method of determining the quality of raw materials of animal origin. G.L.Noskova, G.IU.Pek. Kons.i ov.prom. 17 no.10;33-34 O '62.
Discontinue the holding of canned food in thermostats. B.L.Kas'ianov. Kons.i ov.prom. 17 no.10;26-27 O '62.
Thermostating as a method of quality control of canned food must be discontinued. L.E.Prokhorovich. Kons. i ov.prom. 17 no.10;28-32 O '62.

CAPE BRETON ISLAND—BLENNIES (FISH)
Occurrence of Lumpenus medius Reinhardt (Pisces, Lumpenidae) near Cape Breton Island [with summary in English]. A.I Postolaki Zool zhur. 41 no.8 1262-1263 Ag '62.

ČAPEK, KAREL, 1890-1938
Karel Čapek's tragedy "Mother"; the plot, literary principles, and genre. A.R. Volkov. Lit.slav.nar. no.7;3-14 '62.

CAPETOWN—DESCRIPTION
There, where racists are ruling. N.Makkar. Nov.vrem. 20 no.44;25-27 O '62.

CAPILLARIES
Characteristics of the capillary blood supply of the brain in man. B.N.Klosovskii, V.P Shafranova. Vop. neirokhir. no.4;54-56 '62.

CAPILLARIES—PERMEABILITY
Significance of the adreno-pituitary system for the function of the hematoencephalic barrier. I.V.Markova. Usp.sovr.biol. 53 no.3;347-363 My-Je '62

CAPITAL
Bregel', E.IA. [The cycle and turnover of capital] Krugooborot kapitala. Moskva, Izd-vo In-ta Mezhdunarodnykh otnoshenii, 1962. 66 p. (Lektsii po politicheskoi ekonomii, no.6)
Reproduction of capital assets and establishing norms for capital expenditures. IA.Kvasha, V.Krasovskii. Vop.ekon. no.9 47-59 S '62.
Vorob'eva, A.V. [Capital assets and production costs in industry] Osnovnye fondy i sebestoimost' produktsii v promyshlennosti. Moskva, Izd-vo Akad. nauk SSSR, 1962. 207 p.

CAPITAL INVESTMENTS
(see also subdivision under Ukraine, Western, United States)
Comparing the capital investments of the U.S.S.R. and the U.S.A. L.Nesterov, V.Chekmarova. Vest.stat. no.9 59-67 '62.
Optimum, minimum and standard indices of specific capital investments. R.Merkin. Ekon.sots. no.8;56-59 Ag '62.
Reproduction of capital assets and establishing norms for capital expenditures. IA.Kvasha, V.Krasovskii. Vop.ekon. no.9;47-59 S '62.
The standard index method for determining the efficiency [of capital investments]. G.Bugaev. Plan.khoz. 39 no.10;90-96 O '62.

CAPITALISM
Chepraków, V.A. [Economics and policy of monopolistic capital] Ekonomika i politika monopolisticheskogo kapitala. Moskva, Izd-vo "Znanie," 1962. 39 p. (Novoe v zhizni, nauke, tekhnike. III Seriia Ekonomika, no.15)
Insoluble contradictions of present-day capitalism. A.Rumiantsev. Communist 38 no.15;36-44 O '62.
Present-day capitalism and the progress of science and technology. I.Ivanov. Mir.ekon.i mezhdunar.otn. no.10;3-14 O '62.
"Present-day problems of state-monopolistic capitalism" [in German] by A.Heinze and others. Reviewed by S.I.Tul'panov, A.A.Demin. Vest.LGU 17 no.17; 132-135 '62.
Tul'panov, S.I., and V.G.Onushkin. [Crisis of world capitalism] Krizis mirovogo kapitalizma. [Leningrad] Lenizdat, 1962. 281 p.

CAPITALISTS AND FINANCIERS see subdivision under United States

CAR AXLES
Reducing the resistance of four-axle freight cars with roller bearings. P.N.Astakhov. Vest.TSNII MPS 21 no.6;14-16 '62.

CAR COUPLINGS
Investigating the shock absorption devices of automatic couplings. S.V.Vershinskii, O.G.Bolchevskii, P.T. Grebeniuk. Vest.TSNII MPS 21 no.6;3-7 '62.
Reducing the longitudinal clearances of the elements of automatic coupling systems. V.V.Kolomiichenko, V.I. Ladygin. Vest.TSNII MPS 21 no.6;45-47 '62.

CAR WHEELS—TESTING
the distribution of residual stresses in all-rolled wheels. I.G.Uzlov, E.V.Prikhod'ko. Avtom.met.AN URSR 10;30-31 '62.
the effect of addition alloys on metal properties of heat-treated railroad wheels. K.F. Starodubov, V.IA.Savenkov. Trudy Inst.chern.met. AN URSR 18;51-57 '62.
Investigating the effect of tempering conditions of all-rolled railroad wheels on the wheel disk metal properties. K.F.Starodubov, I.G.Uzlov. Trudy Inst.chern. met.AN URSR 18;33-44 '62.
Methods of determining residual stresses in all-rolled railroad wheels. I.G.Uzlov, E.V.Prikhod'ko. Trudy Inst.chern.met.AN URSR 18;22-29 '62.

CARBANILIC ACID
Decomposition of cumyl-N-phenylperoxycarbamate in organic solvents B.N.Moryganov and others. Zhur ob.khim. 32 no.8;2673-2676 Ag '62.

CARBANILIDE
Chemistry of 5-substituted furans. Part 17; Some 5-substituted furoyl- and furylacryloylthiocarbanilides. Z.N Nazarova, L.G.Gaskh. Zhur.ob.khim. 32 no.8; 2548-2551 Ag '62.

CARBOHYDRATE METABOLISM
Effect of diathermy of the head on carbohydrate metabolism. M.S.Rudoi. Vop.kur., fizioter.i lech.fiz.kul't. 27 no.3;218-221 My-Je '62.

Fall colors of leaves as indices of carbohydrate balance in the grapevine [with summary in French]. A.G. Amirdzhanov. Izv.TSKHA no.3;224-227 '62.
Toparskaia, V.N. [Physiology and pathology of carbohydrate, lipid and protein metabolism] Fiziologiia i patologiia uglevodnogo, lipidnogo i belkovogo obmena. Moskva, Medgiz, 1962. 187 p.

CARBOHYDRATES
Changes in the carbohydrate group in the corn grain in its infestation with certain fungi, preliminary report. E.V.Boshmakova. Trudy Rost.NIVS no.12;226-229 '60

CARBON
Elastic scattering of 5-15 Mev. π^--mesons on carbon nuclei. V.S.Demidov. Zhur.eksp.i teor.fiz. 42 no.6;1687-1688 Je '62.

CARBON—ISOTOPES
Distribution of C^{14} labelled zymosan in the tissues of mice on intravenous administration. N.I.Samoilina. Probl.gemat.i perel.krovi no.6;16-21 '62.
Methods for analyzing α-amino acids tagged with the carbon (C^{14}) isotope [with summary in English]. K.A. Kononova, L.A.Favorskaia. Vest.LGU 17 no.16 135-141 '62.
Study of stripping and elastic scattering of deuterons on C^{12} nuclei [with summary in English] K.I.Zherebtsova, V.F.Litvin, Iu.A.Nemilov. Zhur.eksp.i teor. fiz 43 no.1 8-10 Jl '62.

CARBON DIOXIDE
Solubility of carbon dioxide in liquefied hydrocarbons. A.P.Klimenko, G.N.Sel'ianova. Trudy Inst.isp.gaza AN USSR 9;10-12 '61.

CARBON DIOXIDE—MEASUREMENT
Method of continuous determination of the rate of carbon dioxide evolution from open-hearth furnace baths V.S Kocho, V.I.Glankovskii. Met.i gornorud.prom no.4,69-70 Jl-Ag '62.

CARBON DISULFIDE—PHYSIOLOGICAL EFFECT
Revision of the maximum permissible single concentration of carbon disulfide in the air. R.S.Gil'denskiol'd. Pred.dop.kontsent.atmosf.zagr. no.6;49-67 '62.

CARBON MONOXIDE
Adsorption of barium atoms and carbon monoxide molecules on face (113) of a tungsten single crystal. V.M. Gavrilluk, V.K.Medvedev. Fiz.tver.tela 4 no.9; 2372-2381 S '62.

CARBON MONOXIDE—TOXICOLOGY
New data for the hygienic evaluation of carbon monoxide in the air. T.M.Shul'ga. Pred.dop.kontsent.atmosf. zagr. no.6,120-145 '62.

CARBON OXIDE
Carbon suboxide and some of its reactions. Part 14; Interaction of carbon suboxide with ethylenimine and six-membered cyclic imines. L.B.Dashkevich, V.G. Beilin. Zhur.ob.khim. 32 no.8;2123-2126 Ag '62.
Problem of the interaction of carbon suboxide with heavy water. L.B.Dashkevich, V.G Beilin, V.M.Strats. Zhur ob.khim. 32 no.8;2747-2748 Ag '62.

CARBONATED BEVERAGES see Soft drinks

CARBONATES see subdivision under Sakagan' Valley

CARBONIC ACID
Esters of diphenylchloro- and triphenylphosphazo carbonic acid V.I.Shevchenko, A.S Shtepanek, A.V.Kirsanov Zhur.ob.khim. 32 no.8;2595-2600 Ag '62.

CARBONIC OXIDE see Carbon monoxide

CARBONIZATION
Kinetics of asphaltene coking. S.A.Kaganov, M.Kh. Levinter, M.I.Medvedeva. Khim.i tekh.topl.i masel. 7 no.7,38-43 Jl '62.

CARBONYL SULFIDE
Interaction of some alkene oxides with carbonyl sulfide. Part 2. V.S.Etlis, L.N.Grobov, G.A.Razuvaev. Zhur ob khim. 32 no.8;2040-2042 S '62.

CARCINOGENESIS
Some characteristics of the cytogenesis and histogenesis of malignant structures [with summary in English] S.I.Shchelkunov Arkh anat., gist.i embr. 43 no.7; 3-26 Jl '62.

CARCINOGENS
Blastomogenic agent isolated from tumors induced by cancerogenic substances [with summary in English]. A.I.Ageenko, Vop.onk. 8 no.8;58-62 '62.
Cancerogenic substances in food products [with summary in English]. P.P.Dikun. Trudy Inst.onk.AMN SSSR no.4,139-154 '62.
Investigation of the action of extracts from human giant cell bone tumors on endothelium explants [with summary in English]. M.P.Ptokhov. Vop.onk. 8 no.8;68-70 '62.

CARCINOMA see Cancer

CARDIAC ARREST see Heart failure

CARDIDAE, FOSSIL see subdivision under Transcarpathia

CARDING MACHINES
Efficacity of the installation of a "Statik" device on a carding machine. A. IA. Pankina, N. A. Soboleva Tekst. prom. 22 no. 9:51-53 S '62.

CARDING MACHINES—MAINTENANCE AND REPAIR
Better organization of the repair and inspection of carding machines. A. K. Sukhov. Tekst. prom. 22 no. 9:41-42 S '62.

CARDIOGRAPHY
Analysis of kinetocardiographic deformations caused by the passage of the cardiac impulse through the thoracic wall and methods for their elimination [with summary in English]. L. B. Andreev, N. A. Bazarenko Kardiologiia 2 no. 1:75-79 Ja-Ag '62.

CARDIOVASCULAR SYSTEM—DISEASES
Cardiovascular disorders in Marfan's disease [i.e. syndrome]. A. R. Pinsetskaia, IU. P. Likhachev Terap arkh. no. 6:108-111 '62
Comparative data on the use of novocaine anesthesia with and without adrenaline in extracting teeth from individuals with cardiovascular diseases Z. M. Mikanba. Stomatologiia 41 no. 4:57-59 Ja-Ag '62.
Differential diagnosis of central cancer of the lung with lesions of the heart and large intrathoracic vessels. M. I. Glikin. Klin. med. 40 no. 6:123-126 Je '62.
"Problems of climatopathology in the clinical aspects of cardiovascular diseases." Reviewed by I. A. Kassirskii. Kardiologiia 2 no. 4:89-90 Ja-Ag '62.
Use of strophanthin in the compound treatment of cardiovascular disorders in toxic diphtheria N. P. Kudriavtseva, V. I. Kachurets, S. Kh. Nasybullina. Kaz. med. zhur. no. 3:42-43 My-Je '62

CARGO HANDLING
Sysoev, V. I. [Work practices of the Tuapse sea harbor] Opyt raboty Tuapsinskogo morskogo porta. Moskva, Izd-vo "Morskoi transport," 1962. 58 p. (Biblioteka po obmenu opytom na morskom transporte)

CAROTENE
Simplified method for the colorimetry of carotene extracts in determining the carotene content of feeds. A. M. Yrvants. Vlanyk sil'hosp. nauky 5 no. 8:119-120 Ag '62.

CAROTID SINUS
The most rational method for the surgical treatment of carotid-cavernosus anastomosis. A. A. Shlykov, Vop. neirokhir. no. 4:12-16 '62.

CARP see subdivision under Mingechaur Reservoir

CARP—DISEASES AND PESTS
New methods for applying malachite green in ichthyophthiriasis of carp. B. S. Avdoshev, Ryb. khoz. 38 no. 7:27-29 '62.
Use of levomycetin in controlling hemorrhagic septicemia in carp. IU. D. Nechiporenko and others. Ryb. khoz. 38 no. 7:30-31 '62.

CARP—PARASITES see Parasites—Carp

CARPATHIAN MOUNTAIN REGION—ELECTRIC PROSPECTING
Some results of studying the relative resistance of terrigenous sediments in the cis-Carpathian region. P. F. Dubiniuk. Geofiz. sbor. no. 3:81-85 '62.

CARPATHIAN MOUNTAIN REGION—FORAMINIFERA, FOSSIL
Representatives of the genera Operculina and Neoopercilinoides from Eocene sediments of the Bukovina-Pokutye in the Carpathians [with summary in English, p. 172]. B. T. Golev. Paleont. sbor. [Lvov] no. 1:61-69 '61.

CARPATHIAN MOUNTAIN REGION—FORESTS AND FORESTRY
In a Carpathian forest. K. A. Tatarinov. Priroda 51 no. 8:127 Ag '62.

CARPATHIAN MOUNTAIN REGION—HYDROLOGY
Drainage network of the cis-Carpathian region during the Pre-Quaternary period. O. D. Shtokryn. Geog. zbir. no. 6:38-42 '62.

CARPATHIAN MOUNTAIN REGION—NUMMULITES
Upper Cretaceous Siderolites krechovi as a new microfaunal zone of the cis-Carpathian region [with summary in English, p. 173]. A. S. Tereshchuk. Paleont. sbor. [Lvov] no. 1:105-108 '61.

CARPATHIAN MOUNTAINS—EARTHQUAKES
List of Carpathian earthquakes in 1955. Kat karp. zemletrus. no. 1:6 '58.
Processing observations of Carpathian earthquakes from 1908 to 1953. IE. A. Sahalova Kat karp zemletrus no 1:23-29 '58.

CARPATHIAN MOUNTAINS—FISHES, FOSSIL
Some pelagic fishes from the Carpathian Oligocene [with summary in English, p. 170]. L. P. Gorbach. Paleont. sbor. [Lvov] no. 1:131-136 '61.

CARPATHIAN MOUNTAINS—GEOLOGY
Permanent Commission on the Stratigraphy, Paleogeography, and Paleontology of the Carpatho-Balkan Association. Paleont. sbor. [Lvov] no. 1:163-164 '61.

CARPATHIAN MOUNTAINS—GEOLOGY—CONGRESSES
Fifth Congress of the Carpatho-Balkan Geological Association held in the Rumanian People's Republic, September 4-19, 1961. M. P. Semenenko. Geol. zhur. 22 no. 4:109-112 '62.

CARPATHIAN MOUNTAINS—LAGENA, FOSSIL
Finds of Upper Cretaceous rocks with Pithonella in Paleogene conglomerates of the northern slope of the Carpathians [with summary in English, p. 173]. L. V. Lineteskaia. Paleont. sbor. [Lvov] no. 1:109-111 '61

CARPATHIAN MOUNTAINS—MOLLUSKS, FOSSIL
Some new species of mollusks from Paleogene sediments of Eastern Carpathians [with summary in English]. A. V. Maksimov. Paleont. sbor. [Lvov] no. 1:41-50 '61.

CARPATHIAN MOUNTAINS—SEISMIC WAVES
Some remarks relative to determining seismic elements from straight waves S. V. IEvseiev Kat karp zemletrus no 1:14-19 '58

CARPATHIAN MOUNTAINS—TIMBER LINE
Timber line, scrubs and forests of creeping trees at high altitudes in the Soviet Carpathians [with summary in English]. N. I. Kosets. Bot. zhur. 47 no. 7:957-969 Jl '62.

CARPATHO-UKRAINE see Transcarpathia

CARPENTRY
Kraindlin, L. N. and I. A. Morozov. [Manufacture of wooden elements and built-in furniture] Proizvodstvo stolarnykh izdelii i vstroennoi mebeli. Moskva, Gosstroiizdat, 1962. 247 p.

CARPETS see Rugs and carpets

CARPOSINIDAE see subdivision under Far East

CARRIAGES AND CARTS—MAINTENANCE AND REPAIR
Problem of national significance. M. Evgenov. Sots. obsep. 23 no. 7:46-48 Jl '62.

CARROTS
(see also subdivision under Kiev Province)
Effect of seed germination at variable temperatures on the growth and yield of carrots. L. V. Sazonova. Sbor. trud. nauch. i mol. nauch. aktr. VIR no. 1:218-226 '60.
New developments in the techniques of carrot and tomato culture. V. F. Kireev. Kons. i ov. prom. 17 no. 10:23-24 O '62.

CARROTS AS FEED
Using carrots in livestock feeding [with summaries in English, German, and French]. IE. A. Nesterova. Vest. sel'khoz. nauki 7 no. 8:65-71 Ag '62.

CARTILAGE—TRANSPLANTATION
Use of lyophilized cartilage in restoring the facial skeleton. A. A. Grinchenko. Stomatologiia 41 no. 4:39-43 Ja-Ag '62.

CARTOGRAPHY
Study of the development of comprehensive mapping. A. S. Kharchenko. Geog. zbir. no. 6:136-153 '62.
Toponymy and cartography. E. M. Pospelov. Vop. geog. no. 58:7-16 '62.

CARTONS see subdivision under Leningrad

CASE HARDENING
Interaction between uranium and nitrogen. A. F. Bessonov, V. G. Vlasov. Fiz. met. i metalloved. 14 no. 3:478-479 S '62.
Korecky, Jan. [Case hardening of steel. Translated from the Czech] TSementatsiia stali. Pod red. I. T. Baruzdina. Leningrad, Sudpromgiz, 1962. 232 p.
Residual stresses in surface layers of carbon steel having undergone diffusive saturation by various elements. G. N. Dubinin, L. Gribovski. Fiz. met. i metalloved. 14 no. 3:472-475 S '62.

CASPIAN DEPRESSION—GAS, NATURAL—GEOLOGY
Possible formation pressure gradients in oil and gas pools of the Apsheron sill. Z. IA. Kravchinskii. Geol. nefti i gaza 6 no. 8:23-24 Ag '62.

CASPIAN DEPRESSION—GEOLOGY
[Geology of the subsurface slope of the Caspian Sea] Geologicheskoe stroenie podvodnogo sklona Kaspiiskogo moria. [By] M. V. Klenova i dr. Moskva, Izd-vo Akad. nauk SSSR, 1962. 636 p.

CASPIAN DEPRESSION—PETROLEUM GEOLOGY
Possible formation pressure gradients in oil and gas pools of the Apsheron sill. Z. IA. Kravchinskii. Geol. nefti i gaza 6 no. 8:23-24 Ag '62.

CASPIAN DEPRESSION—ROCKS, SEDIMENTARY
Lithological characteristics and conditions governing the formation of Triassoc rocks in the central part of the Caspian Depression. B. K. Proshliakov. Trudy MINKHIGP no. 38:133-143 '62.

CASPIAN SEA—DIATOMS
Age and morphology of some Caspian-Black Sea species of the genus Thalassiosira Cl. I. V. Makarova. Bot. zhur. 47 no. 7:1015-1017 Jl '62.

CASPIAN SEA—PROSPECTING—GEOPHYSICAL METHODS
Shapiovskii, N. I. and R. M. Gadzhiev. [Geophysical prospecting at sea] Morskaia geofizicheskaia razvedka. Baku, Azerbaidzhanskoe gos. izd-vo, 1962. 154 p.

CASPIAN SEA REGION—ECONOMIC CONDITIONS
Organization of the Sumgait-Mangyshlak Combine using favorable transportation and geographical conditions. A. M. Gadzhi-zade Uch. Zap. AGU, Geol.-geog. ser. no. 4:57-67 '60

CASPIAN SEA REGION—GEOLOGY, STRUCTURAL—MAPS
Method for the geological study of closed areas of the Ust-Urt and Caspian Sea region IU. M. Vasil'ev, V. S. Mil'nichuk, M. M. Charygin Sov. geol. 5 no. 8:135-139 Ag '62

CASPIAN SEA REGION—GUIDEBOOKS
"Guidebook for the Caspian Sea region" by K. K. Glut' Reviewed by B. A. Apollov. Uch. zap. AGU, Geol.-geog. ser. no. 6:129-130 '60

CASPIAN SEA REGION—SOILS
Some physical characteristics of basic soil varieties of the Caspian Terrace. L. B. Borovinskaia. Vest. Mosk. un., Ser. 6: Biol., pochv. 17 no. 4:72-79 Jl-Ag '62.

CAST IRON
Automatic weighing of cast iron. G. G. Bronko and others. Mekh. i avtom. proizv. 16 no. 9:17-19 S '62.
Continuous casting equipment for the manufacture of nodular cast iron balls for ball mills [with summary in English]. G. P. Borisov, V. P. Korablin, B. Kh. Khan. Nauch. trudy Inst. lit. proizv. AN URSR 11:91-94 '62.
Making castings of cupola-melted austenitic iron with spheroidal graphite [with summary in English]. M. V. Volosbchenko, V. M. Klimenko, A. A. Sheiko. Nauch. trudy Inst. lit. proizv. AN URSR 11:55-57 '62

CAST IRON—ANALYSIS
Cast iron saturation by chromium during its melting in cupolas with a chrome-magnesite lining [with summary in English] A. A. Gorshkov, V. V. Kibina. Nauch. trudy Inst. lit. proizv. AN URSR 11:26-32 '62.

CAST IRON—FATIGUE
Dispersed characteristics of fatigue resistance in nodular cast iron [with summary in English]. O. IU. Kramarenko. Nauch. trudy Inst. lit. proizv. AN URSR 11:102-111 '62.
Effect of phosphorus on the fatigue resistance of pearlitic cast iron with spheroidal graphite [with summary in English] O. IU. Kramarenko, O. V. Kulikovskaia. Nauch. trudy Inst. lit. proizv. AN URSR 11:99-101 '62.
Investigation of a simplified method of determining the fatigue limits of cast crankshafts [with summary in English]. M. I. Garf, R. F. Kubiak. Nauch. trudy Inst. lit. proizv. AN URSR 11:114-117 '62.

CAST IRON—MAGNETIC PROPERTIES
Nodular cast iron as material for magnetic circuits in single-phase electromagnetic pumps [with summary in English]. V. P. Polishchuk. Nauch. trudy Inst. lit. proizv. AN URSR 11:85-91 '62.

CAST IRON—METALLOGRAPHY
Causes of the microstructural heterogeneity in magnesium-modified and malleable cast iron. S. A. Fedorova. Trudy Inst. chern. met. AN URSR 18:121-130 '62.
Effect of arsenic on structural transformations during the heating of cast iron. A. I. IAtsenko. Trudy Inst. chern. met. AN URSR 18:131-139 '62.
Pearlitic edge in ferritic cast iron. IA. N. Malinochka. Trudy Inst. chern. met. AN URSR 18:97-103 '62.
Role of an oxidizing atmosphere on the graphitization process of white cast iron. G. Z. Koval'chuk. Trudy Inst. chern. met. AN URSR 18:140-144 '62.
Some characteristics of the macro and microstructure of iron castings. IA. N. Malinochka. Trudy Inst. chern. met. AN URSR 18:109-120 '62.

CAST IRON—METALLURGY
Comparative evaluation of methods of controlling black spots in nodular cast iron [with summary in English]. K. K. Prozhoga. Nauch. trudy Inst. lit. proizv. AN URSR 11:45-54 '62.
Effect of pig iron properties on the quality of nodular cast iron [with summary in English]. A. A. Gorshkov, P. P. Luzan. Nauch. trudy Inst. lit. proizv. AN URSR 11:33-44 '62.
Inoculators used in the production of nodular cast iron [with summary in English]. A. A. Gorshkov. Nauch. trudy Inst. lit. proizv. AN URSR 11:5-14 '62.
Stabilizing effect of ferrosilicon additions to nodular cast iron [with summary in English]. V. V. Dubrov. Nauch. trudy Inst. lit. proizv. AN URSR 11:15-26 '62.

CAST IRON—STATISTICS
Production of cast iron in the Ukraine. G. IA. Butkovskii, N. E. Sidorov. Met. i gornorud. prom. no. 4:7-9 Jl-Ag '62.

CAST IRON—TESTING
Ultrasonic control of crankshafts made of nodular cast iron [with summary in English]. G. K. Burdiug and others. Nauch. trudy Inst. lit. proizv. AN URSR 11:65-69 '62.

CAST IRON—WELDING

Cold welding of cast-iron parts. A. M. Poliakov. Transp. stroi 12 no 8 51 Ag '62

Mechanized method of welding gray cast iron with a powder rod. IU. A Steinbogen and others. Avtom svar 15 no. 9:82-86 S '62.

CASTILE—LAND TENURE

Reconquest and colonization in the history of the Castilian peasantry M. B Karaus Sred veka no 22:130-158 '62

CASTOR BEAN—TOXICOLOGY

Acute poisoning with castor bean seeds N. A. Patalakh. Sud.-med. ekspert 5 no 3:48-50 Jl-S '62

CATALASE

Catalase activity in albino sunflower plants. I. I. Liashchenko. Bot. zhur. 17 no. 7 1032-1035 Jl '62

CATALOGS, UNION

[Union list of new foreign books, received by the libraries of the U. S. S. R. Series B Social sciences.] Svod biul. nov. inostr. knig, postup. v bibl. SSSR Ser. B. Obshchestv. nauki no. 9/10 '61.

CATALYSIS

Present-day status of ion exchange catalysis. N. G Polianskii. Usp khim 31 no. 9:1046-1075 S '62.

CATALYSTS

(see also subdivision under Philadelphia)

Hydrogenation of 2-methyl-5-acetylfuran on catalysts containing metals of the VIIIth group N I Shuikin, I F. Bel'skii, G. K Vasil'evskaia Zhur. ob. khim 32 no 9 2911-2914 S '62

Polymerization of ethylene in the presence of a soluble organometallic complex catalyst $Sn(C_6H_5)_4 + AlCl_3 + VCl_4$. L. L Stotskaia, A V Topchiev, B. A. Krentsel' Dokl AN SSSR 146 no. 2 372-375 S '62.

State of the promoting potassium salt added to a zinc-chromium catalyst of isobutyl alcohol synthesis V M Vlasenko and others Khim prom no. 8 555-558 Ag '62

CATARACT

Cataract. M. G. Rabinovich. Med. sestra 21 no 8:18-22 S '62.

CATECHOL

Catechins in fruit and berry plants [with summary in English]. L. I. Vigorov. Fiziol. rast. 9 no. 4 461-465 '62.

CATHODE RAY OSCILLOGRAPH

Measuring forces in impact loads A. I. Fedulov, V. V. Kamenskii, B. N. Serpeninov. Trudy Inst. gor dela Sib otd. AN SSSR no. 6:99-114 '61.

CATHODES

Activation of alkaline earth oxides in a vacuum by passage of electric current A B Kiselev, B P Nikonov Radiotekh i elektron 7 no 9 1585-1592 S '62

Effect of the fatigue of a stibium-cesium cathode on the energy distribution of photoelectrons. G A Zheludeva. Radiotekh i elektron. 7 no. 9 1637-1642 S '62.

Effect of various coatings on the nature of phenomena preceding the destruction of tungsten emitters by impulses of high-density field emission current I L Sokol'skaia, G N Fursei Radiotekh i elektron 7 no 9:1481-1494 S '62

Effective photocathode sensitivity in the near ultraviolet region. A A Mostovskii, O B Vorobieva, V. E. Privalova Radiotekh i elektron 7 no 9:1632-1636 S '62.

Emission properties of thorium and yttrium oxides on rhenium and niobium cores M V Kaganovich, R A Makarova Radiotekh. i elektron. 7 no 9 1579-1584 S '62.

Evaporation of alkaline earth metals from rhenium-barium cathodes. P V Kovtunenko and others Radiotekh. i elektron 7 no. 9 1593-1597 S '62

Evaporation of the components of an oxide cathode in the course of its treatment A Kh Alukhanov, N V Vostrilova, V A Shustrov Radiotekh i elektron 7 no. 9 1598-1607 S '62

Field emission cathodes based on metal-like high-melting compounds. M. I Elinson, G A. Kudintseva Radiotekh. i elektron. 7 no 9:1511-1518 S '62

Photoelectric and optical properties of a gold-barium system. R L Nemchenok, A. R. Shul'man. Radiotekh i elektron 7 no 9:1619-1625 S '62

Semenov, IU. A. [Manufacture of cathode heaters for vacuum devices.] Proizvodstvo podogrevatelei katodov elektrovakuumnykh priborov. Moskva, Gosenergoizdat, 1962. 134 p.

Some characteristics of a tellurium-cesium photocathode. M. A. Poliakova Radiotekh. i elektron 7 no. 9.1626-1631 S '62.

Studies of a cold MgO cathode A L Shustina and others. Radiotekh i elektron. 7 no 9:1539-1546 S '62

Study of an oxide cathode using radioactive indicators V. P Vasiliev Radiotekh i elektron 7 no 9 1574-1578 S '62.

Study of effects preceding the destruction of tungsten emitters by the impulses of high-density field emission current I. L Sokol'skaia, G N Fursei Radiotekh i elektron 7 no 9:1474-1483 S '62

Temperature conditions of oxide cathodes in pulse discharges L N Vagin Radiotekh i elektron 7 no 9 1608-1618 S '62

Use of electron optics in the study of effective thermionic cathodes A V Druzhinin Radiotekh i elektron 7 no 9 1547-1555 S '62

CATHODES—TESTING

Testing heavy-duty carbide cathodes under multiple gas flash conditions. M. D. Gurevich, S. I. Zilitinkevich Izv. vys. ucheb. zav., prib. 5 no. 1 3-10 '62.

Testing power carbide cathodes in a low vacuum. Izv. vys. ucheb. zav. prib. 5 no 5-3-7 '62.

CATHODIC PROTECTION

Farkhadov, A. A. [Cathodic protection of steel structures against corrosion in sea water] Katodnaia zashchita ot korrozii stal'nykh sooruzhenii v morskoi vode. Moskva, Gostoptekhizdat, 1962. 240 p.

Nikitenko, E. A. [Electrochemical protection of gas mains against corrosion] Elektrokhimicheskaia zashchita magistral'nykh gazoprovodov ot korrozii. Moskva, Gostoptekhizdat, 1962. 231 p. [MICROFILM]

CATHOLIC CHURCH

(see also subdivision under Latin America)

Apostles of peace or war? S. Efirov. Nauka i rel. no. 9 37-39 S '62.

Religion and church abroad. Nauka i rel. no. 6:42-43 Je '62.

CATHOLIC CHURCH—CLERGY see subdivision under Ukraine

CATHOLIC CHURCH—SOCIETIES, ETC.

"International Catholic organizations" by N. A. Kovalskii. Reviewed by I. Grigulevich Nauka i rel. no. 9.91 S '62

CATIONS

Certain considerations concerning the effect of outer-sphere cations on complex formation in solutions. V. E. Mironov, V. A. Nazarov. Zhur. neorg. khim. 7 no. 9 1281-1282 '62.

Fluorescence of chelate compounds of cations. E. A. Bozhevolnov, G. V. Serebriakova. Opt. i spektr. 13 no. 3:390-395 S '62.

CATTLE

(see also subdivision under Kazakhstan)

Engineer of a live shop. E. I Postnikova. Ush. nat. no. 8:21 Ag '62.

Optimal structure of the cattle herd. N. M. Burlakov. Vest. sel'khoz. nauki 7 no. 8.78-85 Ag '62.

CATTLE—DISEASES AND PESTS

(see also subdivision under Rostov Province)

New cases of dwarf almond poisoning in cattle A. K. Golosnitskii. Trudy Rost. NIVS no. 12:237-239 '60

CATTLE BREEDING see subdivision under Turkmenistan

CAUCASUS—AUTOMOBILE RACING

On race tracks in Caucasus. IU. Klemanov. Za rul. 20 no. 9 12-13 S '62.

CAUCASUS—ETHNOLOGY

"Ethnology and history of the Caucasus, studies and materials" by M. O. Kosven Reviewed by V Gardanov. Sov. etn. no 4:203-206 Jl-Ag '62.

CAUCASUS—GEOLOGY, STRUCTURAL

Development tectonic concepts of the western and central parts of the Greater Caucasus. S. B. Dotsenko. Vest. Mosk. un. Ser. 4:Geol. 17 no. 4:68-76 Jl-Ag '62.

CAUCASUS—GLACIERS

Deglaciation in the Caucasus V. Sh Tsomaia, I. M Kisin. Uch zap AGU. Geol.-geog. ser no 6 41-49 '59.

CAUCASUS—KARST

Summer studies of the karst group of the Laboratory of Hydrogeologic Problems of the Caucasus in 1960. S. I Lovushkin, E. V. Tret'iakov. Nov. kar. i spel. no. 2, 97 '61.

CAUCASUS—LANGUAGES

Klimov, G. A. [Declension in the Kartvelian languages from a comparative-historical standpoint] Sklonenie v kartvel'skikh iazykakh v sravnitel'no-istoricheskom aspekte, Moskva, Izd-vo Akad nauk SSSR, 1962, 148 p.

CAUCASUS—NATIVE RACES

"Peoples of the world. Vol. I: Peoples of the Caucasus." Reviewed by E. I. Krupnov. Vop. ist. no. 9:118-121 S '62.

CAUCASUS—REVOLUTION, 1917-1921

How the soldiers of home front areas in the Caucasus struggled for the victory of the October Revolution A. P. Steklov. Ist. SSSR 6 no. 5:120-135 S-O '62.

CAUCASUS—SPESSARTITES

Spessartites of the granitoid zone in the main range of the Greater Caucasus. A. M. Demin. Vest. Mosk. un. Ser. 4:Geol. 17 no. 4:35-40 Jl-Ag '62.

CAUCASUS, NORTHERN—AMMONOIDEA

Aptian and Albian ammonites in the Northern Caucasus M. S Eristavi Trudy Geol inst. AN Gruz SSR, Geol ser 12 41-77 '61

Early Triassic ammonoids in the Northern Caucasus. IU N Popov. Paleont. zhur. no. 3 40-46 '62.

CAUCASUS, NORTHERN—BRACHIOPODA, FOSSIL

New Late Triassic Spiriferinacea of the northwestern Caucasus. A. S. Dagis. Paleont zhur. no 3:47-56 '62.

CAUCASUS, NORTHERN—CROPS AND CLIMATE

Hot dry winds and forest shelterbelts in the Northern Caucasus. S. I. Smirnova. Trudy TSIP no. 101, 108-112 '62

CAUCASUS, NORTHERN—DOGWOOD

Biology of flowering and fruiting in Cornelian cherry dogwood T. G. Belineva. Sbor. trud. asp. i mol. nauch sotr. VIR no. 1:250-261 '60.

Development of flower buds in Cornelian cherry dogwood T. G. Belineva. Sbor. trud. asp. i mol. nauch. sotr VIR no. 1:265-266 '60.

CAUCASUS, NORTHERN—GAS, NATURAL—GEOLOGY

Paleohydrogeological data of the formation and disintegration of oil and gas accumulations as revealed by the studies of the Mesozoic sediments in Ciscaucasia. A Kartsev, S. B. Vagin Sov geol. 5 no. 8:101-121 Ag '62

CAUCASUS, NORTHERN—GEOLOGY, STRUCTURAL

Main features of the tectonic zonality of the Cretaceous complex of western Ciscaucasia. V. L. Egoian. Dokl. AN SSSR 146 no. 1:167-170 S '62.

CAUCASUS, NORTHERN—MINERAL WATERS

Mineral waters of Pshav-Khevsureti I. V Kogoshvili Trudy Geol inst AN Gruz SSR, Geol ser 12 283-291 '61

CAUCASUS, NORTHERN—PETROLEUM GEOLOGY

Paleohydrogeological data of the formation and disintegration of oil and gas accumulations as revealed by the studies of the Mesozoic sediments in Ciscaucasia A Kartsev, S B. Vagin Sov geol 5 no. 8 101-121 Ag '62

CAUCASUS, NORTHERN—POTATOES—DISEASES AND PESTS

Potato stolbur and potato leafroll in the piedmont zone of the Northern Caucasus. K. A. Guseva. Sbor trud asp i mol. nauch. sotr. VIR no 1:103-193 '60.

CAUCASUS, NORTHERN—RAILROADS—COMMUNICATION SYSTEMS

Some errors occurring in the conversion of communication systems in line equipment stations. B. I Temerov, S. N. Parfenov. Avtom. telem. i sviaz' 6 no 9:36-37 S '62.

CAUCASUS, NORTHERN—RAILROADS—ELECTRONIC EQUIPMENT

Redesigning of automatic control and remote control devices at the Northern Caucasus Railroad. N. I Strizh. Avtom. telem. i sviaz' 6 no. 9:24-29 S '62.

CAUCASUS, NORTHERN—RAILROADS—SIGNALING

Redesigning of automatic control and remote control devices at the Northern Caucasus Railroad. N. I. Strizh. Avtom. telem. i sviaz' 6 no. 9:24-29 S '62

CAUCASUS, NORTHERN—VIRUS DISEASES OF PLANTS

Potato stolbur and potato leafroll in the piedmont zone of the Northern Caucasus. K. A. Guseva. Sbor. trud asp i mol. nauch. sotr. VIR no. 1:183-193 '60.

CAUCASUS, NORTHERN—WALNUT

Relation of Juglans regia L. to negative temperatures of air and possibilities for the commercial cultivation of walnut in the northwestern Caucasus. N. I. Semenov Sbor. trud. asp. i mol. nauch. sotr. VIR no. 1:370-381 '60

Walnut Juglans regia L. of the northwestern Caucasus and its variability. N. I. Semenov. Sbor. trud asp. i mol. nauch. sotr. VIR no. 1:347-370 '60.

CAUCASUS, NORTHERN—WALNUT—DISEASES AND PESTS

Some pests and diseases of the walnut in the northwestern Caucasus, their distribution and injuriousness. N. I. Semenov. Sbor. trud. asp. i mol. nauch. sotr. VIR no. 1: 381-394 '60.

CAUSATION

Critical evaluation of the neopositivist category of causation. V. G. Vinogradov, A. IA. Il'in. Nauch. dokl. vys. shkoly; filos. nauki 5 no. 3:75-82 '62.

CAUTERY

Use of abdominal pressure cushion during cautery of adhesions. I. Z. Signl. Klin. med. no. 12:44-50 '61.

CAVE FAUNA see subdivision under Asia

CAVERNOUS SINUS

The most rational method for the surgical treatment of carotid-cavernosus anastomosis. A. A. Shlykov. Vop. neirokhir. no. 4:12-16 '62.

CAVES
(see also subdivision under Crimea, Crimean Mountains; Kandahar Province, Afghanistan, Samarkand region, Uda Valley)

Newspaper chronicle E. T. Nov. kar. i spel. no. 2: 100-101 '61.

Norbert Casteret's new books N. A. Gvozdetskii Nov. kar. i spel. no. 2, 104-108 '61

CECUM—CANCER
Materials on a method for the X-ray study of cancer of the cecum and ascending colon [with summary in English]. L. P. Simbirtseva. Trudy Inst. onk AMN SSSR no. 4:56-72 '62.

CEILINGS
Channel slabs for ceilings. K. Kochunov Stroi. i arkhit. Mosk. 11 no. 9:21-23 S '62.

CELL METABOLISM
Localization of dehydrogenases in the nephron cells of a grass frog IU. V. Natochin TSitologiia 4 no 4 457-460 Jl-Ag '62

CELL NUCLEI
Changes in the characteristics of isolated cell nuclei in the course of survival and during the action of stimuli V. L Nemchinskaia, A D Braun. TSitologiia 4 no 4: 409-417 Jl-Ag '62

Conjugation processes in Paramecium putrinum Clap et Lachm. Report No 2: Apomictic reorganization cycles and the system of mixotypes. A. V. IAnkovskii TSitologiia 4 no. 1:434-444 Jl-Ag '62.

CELLS
Analysis of seasonal changes in the cells of grass frogs [with summary in English]. I. M. Pashkova. Zhur. ob. biol. 23 no. 4, 313-317 Jl-Ag '62.

Pinocytosis. A. V. Zelenin. Usp. sovr. biol. 53 no. 3: 364-374 My-Je '62

Pinocytosis. S. S. Laguchev and others. TSitologiia 4 no 1:381-390 Jl-Ag '62.

CEMENT
(see also subdivision under Poland)

Some properties of "winter" cement. A. V. Nazarov, V. I. Vasil'eva. Izv. vys. uch. zav.; stroi. i arkhit. 5 no. 4:105-109 '62.

CEMENT—PERMEABILITY
Permeability of stones made from plugging slag and portland cements. A. I. Bulatov, E. I. Abramov. Trudy KF VNII no. 9:56-63 '62.

CEMENT—TESTING
Automatic device for taking out samples of cement. R. Svyatunova. Bud. mat. i konstr. 4 no. 2:58 Mr-Ap '62.

CEMENT—TRANSPORTATION
Operating semitrailers for cement transportation. V. Chertov. Avt transp. 40 no. 9:23-25 S '62.

CEMENT INDUSTRIES
Prospects for developing and the hidden potentialities for increasing cement production. G. L. Rutman. Trudy KhPI 22 no. 2:83-88 '59.

CEMENT INDUSTRIES—EQUIPMENT AND SUPPLIES
Additions to the price list for assembling equipment in cement factories. Biul. stroi. tekh. 19 no. 3:31-34 Mr '62.

CEMENT PLANTS
Val'berg, G. S. [Natural gas in the cement industry] Prirodnyi gaz v tsementnoi promyshlennosti. Moskva, Gosstroiizdat, 1962. 170 p.

CEMENTS, ADHESIVE
Mastics for gluing floor-covering materials. G. Gol'dberg, A. Romanov. Na stroi. Ros. 3 no 4:28-29 Ap '62.

CENTRAL ASIA see Asia, Central

CENTRAL ASIA, SOVIET see Soviet Central Asia

CENTRAL BLACK EARTH REGION—TILLAGE
Basic tillage following corn. P. IA. Matatov. Vest. sel'khoz. nauki 7 no. 6:84-95 Je '62.

CENTRAL SIBERIAN PLATEAU—GEOLOGY, STRATIGRAPHIC
Stratigraphy of Cretaceous continental sediments in the Popigay trough. L. P. Smirnov. Trudy NIIGA 121:29-43 '62.

CENTRIFUGAL CASTING
Bogushevskii, M. D., M. M. Volkovich, and P. N. Tkachenko. [Centrifugal pipe casting in lined molds] TSentrobezhnaia otlivka trub v futerovannye izlozhnitsy. Leningrad, 1962. 15 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom, Seriia: Liteinoe proizvodstvo, no. 2)

Hot crack in tubes of nodular cast iron and ways to avoid them [with summary in English]. B. S. Didyk and others. Nauch. trudy Inst. lit. proizv. AN URSR 11:70-79 '62.

CENTRIFUGES
"Industrial centrifuges" by V. I. Sokolov. Reviewed by I. D. Botko, S. A. Zhukovskaia. Med. prom. 16 no. 5: 60-61 My '62.

CERAMIC INDUSTRIES
Provide the eastern regions with developed ceramic industries. Stek. i ker. 19 no. 9 1-3 S '62

CERAMIC MATERIALS
Filtering ceramics made of substances based on wastes from asbestos-dressing plants M. A. Matveev, K. A. Smirnova, V. F. Ustinova. Stek. i ker. 19 no 8:28-32 Ag '62.

CERAMIC METALS—THERMAL PROPERTIES
Akademiia nauk URSR, Kiev. Instytut metalokeramiky i spetsial'nykh splaviv. [High-temperature ceramic metal materials] Vysokotemperaturnye metallokeramicheskie materialy. Kiev, Izd-vo Akad. nauk USSR, 1962. 149 p.

CERAMIC PLANTS—LABOR PRODUCTIVITY
"Labor productivity in the structural ceramic industries" by B. M. Garstman. Reviewed by V. E. Shneider. Stek. i ker. 19 no. 9:47-48 S '62.

CERAMICS
Choosing the optimum design of efficient ceramic blocks for one-layer wall slabs of exterior walls. M. G Lundina, L. L. Koshliak. Stroi. mat. 8 no. 8:12-14 Ag '62.

Use of ceramics in industrial construction. M. I Rogovoi. Stroi. mat. 8 no. 8 6-10 Ag '62.

CERAMICS—BIBLIOGRAPHY see Bibliography—Ceramics

CERAMICS—CONGRESSES
Conference for the exchange of experience in production and use of ceramics in industrial construction. Stek. i ker. 19 no. 8:47-48 Ag '62.

CERAMICS—TESTING
Ultrasonic detection of defects in ceramic products. V. F. Shushkin, F. S. Ivanov. Stek. i ker 19 no 8 21-23 Ag '62.

CEREBRAL CORTEX
Regional symptoms in disorder of the higher cortical functions in intracerebral tumors of the left temporal lobe. A. R. Luriia, M. IU. Rapoport. Vop. neirokhir. no 4:37-41 '62.

CEREBROSPINAL FLUID
"Cerebrospinal fluid in childhood" [in German] by H. Schönenberg. Reviewed by D. Futer. Zhur. nevr i psikh. 62 no. 7:1110-1112 '62.

Use of cerebrospinal fluid drains in the removal of tumors from the posterior cranial fossa. B. A. Samoilokin. Vop. neirokhir. no. 4:43-45 '62.

CEREBROVASCULAR DISEASE—CONGRESSES
Symposium on vascular pathology of the brain and spinal cord. T. V. Saimori. Zdravookhranenie 5 no. 4:63-64 Jl-Ag '62.

CERIUM
Isolation of cerium by the extraction method. G. V. Korpusov and others. Zhur. neorg. khim 7 no. 9:2251-2261 S '62

CERIUM—ELECTRIC PROPERTIES
Electric resistance of cerium at low temperatures and high pressures [with summary in English]. E. S. Itskevich Zhur. eksp. i teor. fiz. 42 no. 5:1173-1182 My '62.

CERIUM BORIDE—OPTICAL PROPERTIES
Optical constants of lanthanum boride and cerium boride. B. M. TSarev, S. V. Illarionov. Fiz. tver. tela 4 no. 9: 2603-2606 S '62.

CERIUM NITRATE
Coextraction of uranyl nitrate and cerium (IV) nitrate by tributyl phosphate. A. V. Nikolaev, O. R. D'iachenko, IU. A. Afanas'ev. Dokl. AN SSSR 146 no. 1:102-103 S '62.

CESAREAN SECTION
Cesarean section. S. M. Bekker. Zdorov'e 8 no. 9:14-15 S '62.

CESIUM
A diode with cesium vapors. T. L. Matskevich. Zhur. tekh. fiz. 32 no. 9:1138-1141 S '62.

CESIUM—ISOTOPES
Gamma radiation from Cs^{139}. V. A. Aksenov and others. Atom. energ. 13 no. 3:271-274 S '62.

CESIUM SALTS
Cesium propionate, butyrate, and isovalerate. V. E. Pliushchev, M. V. Savel'eva, I. V. Shakhno. Zhur. neorg. khim. 7 no 9:2078-2081 S '62.

CESTODA
(see also subdivision under Rostov Province)

Vermifugal treatment of sheep with intestinal cestodiasis by feeding them a mixture of salt with copper sulfate. B. Shonov. Vest. sel'khoz nauki [Kazakh.] 5 no. 7:68-73 Jl '62.

CEYLON—ECONOMIC ASSISTANCE, AMERICAN
The price of sympathy. Nov. vrem. 20 no 42 3 O '62.

CEYLON—FOREIGN ECONOMIC RELATIONS—RUSSIA
Attack on the jungle. A. Matiushin. Az. i Afr. seg. no. 9:56-57 S '62.

CEYLON—MEDICAL PARASITOLOGY
Trip to Ceylon. N. N Plotnikov. Med. paraz. i parazit. bol. no. 3:359-363 '62.

CHAINS
Geometry of a link of a traction and loading chain V. F Ugol'nikov Izv. vys. uch. zav., gor. zhur. 5 no 6: 115-120 '62

Stability of traction chains of mine conveyors under the action of transverse loads I. G. Shtokman, V. V Bystrov. Izv. vys. uch. zav., gor. zhur 5 no 6:89-91 '62

CHALCONE
Absorption spectra of the thiophene analogs of chalcone and their vinyl analogs V. I. Lavrushin, S. V Tsukerman, V. M Nikitchenko Zhur ob khim 32 no 8: 2677-2684 Ag '62

CHALCONE—SPECTRA
Absorption spectra and halochromy of furan analogs of chalcone and their vinyl analogs V. F Lavrushin, S. V. Tsukerman, A. I. Artemenko Zhur ob khim 32 no 8:2551-2556 Ag '62

CHAMISSO, ADELBERT VON, 1781-1838
Zoological studies of A. Chamisso and J. Fr. Eschscholtz during O. von Kotzebue's voyage around the world on the "Rurik" (1815-1818). P. A. Novikov. Trudy Inst. ist. est. i tekh. 40,246-262 '62.

CHAMPAGNE (WINE) see subdivision under Ukraine

CHANGE OF LIFE IN MEN see Climacteric

CHARNYSHEVICH, ARKADZ', 1912-
A writer's inspiring words Alest Esakou Belarus' 19 no. 8,22 Ag '62

CHAVCHAVADZE, IL'IA GRIGOR'EVICH, 1837-1907—BIBLIOGRAPHY see Bibliography—Chavchavadze, Il'ia Grigor'evich, 1837-1907

CHEBOKSARSKIY DISTRICT—COLLECTIVE FARMS
Specialization of the collective farms in the suburban zone of Cheboksary. N. V. Bondarenko. Uch. zap. ChNII no. 21, 36-47 '62.

CHEBOKSARY—HISTORY—SOURCES
Documents on the history of the city of Cheboksary in the 17th and 18th centuries. V. D. Dimitriev. Uch. zap. ChNII no. 21:282-318 '62.

CHECHEN-INGUSH A. S. S. R.—AGRICULTURAL ADMINISTRATION
Good start P Krutov. Sov profsoiuzy 18 no 19 10-11 O '62

CHECHEN-INGUSH A. S. S. R.—ANTIQUITIES
Monuments of the Maykop Culture in the Chechen-Ingush A. S. S. R. R. M. Munchaev. Sov. arkheol. 6 no. 3. 176-198 '62.

CHECHEN-INGUSH A. S. S. R.—TRADE UNIONS—OFFICERS
Good start P Krutov Sov profsoiuzy 18 no. 19:10-11 O '62

CHECHEN-INGUSH A. S. S. R.—WATER, UNDERGROUND—COMPOSITION
Hydrochemical sections of the Karabulak-Achaluki and Zamankul oil fields. A. V. Merkulov, L. III. Kotsarev. Geol. nefti i gaza 6 no. 8:31-36 Ag '62.

CHECKS
Give more attention to payments by checks. S. Grigorova, A. Kosol, I. Balashov. Den. i kred. 20 no. 9:13-25 S '62.

CHEKHOV, ANTON PAVLOVICH, 1860-1904
Characteristics of the genre and composition of A. P Chekhov's early stories. V. M Rodionova Uch zap. MGPI 160.147-164 '61.

On some characteristics of A. P. Chekhov's style, his stories of the second half of the 1880's. M. I Frenkel'. Uch. zap. MGPI 160 165-193 '61.

CHELATOMETRY
Chelatometry of barium solutions. A. R Kuznetsov, N. N. Pavlov Nauch. trudy MTILP no. 23:62-66 '61.

CHELEKEN PENINSULA—GEOLOGY, STRUCTURAL
New data on the tectonics of the Cheleken deposit S. Khanov. Uch zap AGU. Geol.-geog. ser. no. 6:69-78 '59

CHELEKEN PENINSULA—HEALTH RESORTS, WATERING PLACES, ETC.
Health resort facilities of the Cheleken Peninsula. V. F. Kazakov. Izv. AN Turk. SSR. Ser. biol. nauk no. 4:3-9 '62.

CHELYABINSK—RESTAURANTS, LUNCHROOMS, ETC.
I was awarded the title of expert cook. F Maksimov. Obshchestv. pit. no. 6 11 Je '62.

CHELYABINSK BASIN—MINE DUSTS
Change in the concentration of dust particles in relation to the speed of an air jet along a longwall. N. I. Goluzin. Izv. vys. uch. zav., gor. zhur 5 no. 6:43-47 '62.

CHELYABINSK PROVINCE—PRECAST CONCRETE CONSTRUCTION

Chelyabinsk experience with large-panel construction of apartment houses. V. Shaburnikov. Nauch.-tekh. Rev. 3 no. 5,17-19 My '62.

CHEMICAL APPARATUS—BIBLIOGRAPHY see Bibliography—Chemical apparatus

CHEMICAL APPARATUS—CORROSION

On "Technical instructions for rubberizing equipment and inspecting its quality." Biul. stroi. tekh. 19 no. 3,19 Mr '62.

CHEMICAL BONDS

Effect of chemical bonds on L_2 and L_3 energy levels of a chromium atom. A. Z. Menshikov, S. A. Nemnonov, L. B. Mishchenko. Fiz. met. i metalloved. 14 no. 3 383-386 S '62.

Investigation of infrared spectra of inner-complex compounds of uranyl with Schiff's bases and the determination of the length of the U-O bond. V. V. Zelentsov. Dokl. AN SSSR 146 no. 1 97-99 S '62.

X-ray L_{III}-absorption spectra and the character of the bond in complex compounds of Re^{II}, Re^{IV}, Re^{VII}. N. V. Tioneva. Dokl. AN SSSR 146 no. 1 118-121 S '62.

CHEMICAL ELEMENTS

Element from a "sealed envelope"? D. Trifonov. Znan.-sila 37 no. 5,21-23 My '62.

Vlasov, L. G., and D. N. Trifonov. [Reborn elements] Rozhdennye zanovo. Moskva, Izd-vo "Znanie," 1962. 46 p. (Novoe v zhizni, nauke, tekhnike. IX Seriia: Fizika i khimiia, no. 18)

CHEMICAL ENGINEERING—EQUIPMENT AND SUPPLIES

[Chemical machinery manufacture] Ref. zhur. Otd. vyp. 47. Khim. mashinostr. no. 20 N '62.

Method of continuous sedimentation for silver settling from exhausted solutions (with summary in English on p. 96). N. I. Kirillov, Iu. G. Chikishev, M. E. Pel'dshenov. Tekh. kino i telev. 6 no. 10,56-62 O '62.

CHEMICAL ENGINEERING RESEARCH

Public review of the fulfillment of plans of scientific research and of the application of the achievements of science and technology in the national economy. Khim. i tekh. topl. i masel 7 no. 7,68-71 Jl '62.

CHEMICAL INDUSTRIES

(see also subdivision under Armenia; White Russia)

Assemblers look for and find methods for speeding up the construction of great chemistry plants. L. Arnon'ev. Izobr. i rats. no. 10,5-6 O '62.

For the construction projects of the chemical industry. G. Klevitskii. Komsom. zhizn' no. 15-16-30 Ag '62.

Open area. G. Bruailovskii. Izobr. i rats. no. 10,3-4 O '62.

Results of operations in the first half of 1962. Khim. prom. no. 8 620 Ag '62.

CHEMICAL INDUSTRIES—COMPETITIONS

Red banners to the competition winners. Khim. prom. no. 8,620 Ag '62.

CHEMICAL INDUSTRIES—EXHIBITIONS

Moscow. Vystavka dostizhenii narodnogo khoziaistva SSSR. Pavil'on "Khimicheskaia promyshlennost'." ["Chemical industry" Pavilion; a guide] Putevoditel'. Moskva, 1961. 34 p.

Moscow. Vystavka dostizhenii narodnogo khoziaistva SSSR. Pavil'on "Khimicheskaia promyshlennost." ["Chemical industry" Pavilion; a guide] Putevoditel'. Moskva, 1962. 39 p.

CHEMICAL KINETICS see Chemical reaction, Rate of

ES—SAFETY MEASURES

mercury in laboratory practice." Reviewed by A. A. Bundel'. Zhur. 3283 '62.

subdivision under Aktyubinsk

RATE OF

chromatographic conditions. ozental'. Dokl. AN ASSR 146

brium changes of reversible I. A. Sosnin. Khim. v shkole 17

ctivity in substitution reactions ugate bonds using the free elec- Alternant and nonalternant hydro- y in English]. M. N. Adamov, I. F. 17 no. 16;47-57 '62.

ctivity in substitution reactions ugate bonds using the free elec- Six-membered nitrogen hetero- in English]. M. N. Adamov, I. F. 17 no. 16;58-65 '62.

ial mixing in bubble columns flow n, M. B. Aizenbud. Khim. prom.

CHEMICAL WARFARE

The paradox of "humane weapons." Iu. Sheinin. Nov. vrem. 20 no. 40;13-14 O '62.

CHEMICAL WORKERS—DISEASES AND HYGIENE

Anemia in workers engaged in production of fatty acids and alcohols. I. B. IUshkevich. Probl. gemat. i perel. krovi no. 6,32-31 '62.

CHEMICALS

Pomerantsev, V. V., and others. [Layer methods of the use of fuels as a source of power and chemicals] Sloevye metody energokhimicheskogo ispol'zovaniia topliva. [By] B. D. Katsnel'son i dr. Moskva, Gosenergoizdat, 1962. 196 p.

CHEMISTRY

"General chemistry" by A. G. Kul'man. Reviewed by I. N. Putilova, I. G. Plotov, D. M. Pakhalgova. Vest. vys. shkoly 20 no. 8;90-96 S '62.

CHEMISTRY—BIBLIOGRAPHY see Bibliography—Chemistry

CHEMISTRY—CONGRESSES

Nauchnaia konferentsiia Institutov khimii Akademii nauk Azerbaidzhanskoi, Armianskoi i gruzinskoi SSR, Erevan, 1957. [Papers presented at the Scientific Conference of Chemical Institutes of the Academies of Sciences of the Azerbaijan, Armenian, and Georgian S.S.R.] Materialy. Erevan, Izd-vo Akad. nauk Armianskoi SSR, 1962. 396 p.

CHEMISTRY—EXPERIMENTS

Conducting polymerization experiments during the study of polymers in secondary schools. I. N. Cherkov. Khim. v shkole 17 no. 5 66-70 S-O '62.

Demonstrating the effect of the process of circulation. A. D. Chendrov. Khim. v shkole 17 no. 5 70-72 S-O '62.

Detecting metals in alloys and minerals by the electrographic method. A. A. Grabetskii, M. F. Langner, V. S. Polesin. Khim. v shkole 17 no. 5;76-83 S-O '62.

Editor's mail. Khim. v shkole 17 no. 5;84-85 S-O '62.

Experiments with equilibrium changes of reversible chemical reactions. G. A. Sosnin. Khim. v shkole 17 no. 5;73-76 S-O '62.

Organizing student experiments in chemistry lessons. A. V. Lavrent'eva. Khim. v shkole 17 no. 5;53-57 S-O '62.

Production of sulfuric acid by a contact-liquid process. N. K. Nadirov. Khim. v shkole 17 no. 5;76-77 S-O '62.

CHEMISTRY—HISTORY

Pisarzhevskii, O. N. [Ancient and modern science] Nauka drevniaia i molodaia. [Moskva] Izd-vo "Molodaia gvardiia," 1962. 205 p.

CHEMISTRY—STUDY AND TEACHING

Base for teaching chemistry. L. Sarkaeva. Nar. obr. no. 10;35 O '62.

"Chemistry, textbook for the seventh grade" by A. D. Smirnov, G. I. Shelinskii. Reviewed by L. S. Litvinova, S. V. D'iakovich. Khim. v shkole 17 no. 5;89-92 S-O '62.

Conducting practical training in chemistry in the tenth grade. A. I. Pazikov. Khim. v shkole 17 no. 5;58-66 S-O '62.

Contact between the teaching of chemistry in eight-year schools and life. T. Z. Savich, E. P. Kleshcheva. Khim. v shkole 17 no. 5;33-41 S-O '62.

Leningrad. Universitet. [Collection of chemistry texts with methodological instructions and exercises in Russian for foreign students] Sbornik tekstov po khimii s metodicheskimi ukazaniiami i zadaniiami po russkomu iazyku dlia studentov-inostrantsev. Sost. V. M. Matveeva, G. N. Partilova. [Leningrad] 1962. 82 p.

Methods of studying the topic "Mineral fertilizers." L. A. Korobeinikova. Khim. v shkole 17 no. 5;24-32 S-O '62.

Model planning of the teaching material on chemistry in the eighth grade for the 1962-1963 school year. V. F. Egorkin. Khim. v shkole 17 no. 5;86-88 S-O '62.

Primary acquainting of students with the class of acids. A. I. Bratolliubov. Khim. v shkole 17 no. 5;42-43 S-O '62.

Role of L. M. Smorgonskii in the development of the Soviet methods of teaching chemistry. L. A. TSvetkov. Khim. v shkole 17 no. 5,44-52 S-O '62.

Urgent problems. T. IAshkina. Nar. obr. no. 8;54-56 Ag '62.

Urgent problems of reorganizing the teaching of chemistry. T. A. IAshkina. Khim. v shkole 17 no. 5;4-7 S-O '62.

CHEMISTRY, ANALYTICAL

Pay attention to production control. Gidroliz i lesokhim. prom. 15 no. 6;1-2 '62.

CHEMISTRY, ANALYTICAL—QUANTITATIVE

Continuous measurement of the weight of an isolated object of investigation. V. M. Chesunov. Nauch. trudy MTILP no. 23;67-70 '61.

CHEMISTRY, MEDICAL AND PHARMACEUTICAL

Automatic methods of controlling the ash content and activity of solutions in the production of streptomycin. S. V. Trachuk, S. T. Chekalda. Med. prom. 16 no. 7; 39-45 Jl '62.

Isolation of antibiotics from culture liquids without detachment of the mycelium. I. D. Boiko and others. Med. prom. 16 no. 7 18-25 Jl '62.

Make fuller use of reserves in the antibiotic industry. S. I. Maimind. Med. prom. 16 no. 7 3-6 Jl '62.

CHEMISTRY, METALLURGIC

Metallurgical chemistry of vanadium. I. I. Kornilov, N. M. Matveeva. Usp. khim. 31 no. 9;1076-1103 S '62.

CHEMISTRY, ORGANIC—SYNTHESIS

Perchloric acid and its compounds as catalysts of organic synthesis. Part 6. Magnesium perchlorate (anhydrone), a convenient catalyst of acylation of organic compounds by acid anhydrides. G. N. Dorofeenko, V. I. Dulenko, L. M. Antonenko. Zhur. ob. khim. 32 no. 9 3047-3052 S '62.

Perchloric acid and its compounds as catalysts in organic synthesis. Part 7. Acylation of anisole, phenetole, and thiophene by carboxyl chlorides in the presence of magnesium perchlorate (anhydrone). G. N. Dorofeenko, V. I. Dulenko, V. V. Baeva. Zhur. ob. khim. 32 no. 9 3052-3054 S '62.

Topchiev, A. V., S. V. Zavgorodnii, and V. G. Kriuchkova. [Alkylation of organic compounds by olefins] Reaktsiia alkilirovaniia organicheskikh soedinenii olefinami. Moskva, Izd-vo Akad. nauk SSSR, 1962. 323 p.

CHEMISTRY, TECHNICAL

Calculation of the number of theoretical stages in the countercurrent washing of precipitates with the use of several multistage extractors. A. A. Kondrat'ev, M. F. Bondarenko. Khim. prom. no. 8 603-607 Ag '62.

Graphic method of computation and the experimental investigation of a multistage countercurrent washing of precipitates. O. L. Bruk. Khim. prom. no. 8 956-601 Ag '62.

Method for calculating the concentrations of dissolvable substances in a multistage countercurrent washing of precipitates. N. I. Gel'perin, E. P. Tiuftin. Khim. prom. no. 8 601-603 Ag '62.

CHEMOTHERAPY

Drug therapy in tuberculosis. S. R. Lachinian. Med. sestra 21 no. 8 6-12 Ag '62.

Larionov, L. F. [Chemotherapy of malignant tumors] Khimioterapiia zlokachestvennykh opukholei. Moskva, Medgiz, 1962. 403 p. (DNLM)

CHEREMKHOVO BASIN—COAL MINES AND MINING

Pledge of success. I. Neianov. Sov. shakh. 11 no. 10; 26-27 O '62.

CHERENKOV RADIATION

Effect of radiation on a charged particle passing through a magnetoactive plasma. V. N. TSytovich. Zhur. eksp. i teor. fiz. 43 no. 1,327-329 Jl '62.

Inelastic scattering of particles and the Cherenkov radiation [with summary in English]. M. I. Kuganov. Zhur. eksp. i teor. fiz. 43 no. 1;153-157 Jl '62.

Spatial intensity distribution of Cherenkov light emanating from extensive air showers [with summary in English]. V. I. Zatsepin, A. E. Chudakov. Zhur. eksp. i teor. fiz. 42 no. 6;1622-1628 Je '62.

CHERKASSY PROVINCE—ACCOUNTING MACHINES—MAINTENANCE AND REPAIR

Take care of the SDU-138. V. Kashchenko, V. Pavlov. Den. i kred. 20 no. 9;64-67 S '62.

CHERNIGOV—CULTURE

The second Saturday devoted to literature and music in Chernigov. H. H. Zubko. Rad. lit. 6 no. 5;155 S-O '62.

CHERNIGOV PROVINCE—LANDFORMS

Some aspects of the formation and development of landscape types in Chernigov Polesye. A. I. Lan'ko. Geog. zbir. no. 6-3-11 '62.

CHERNIGOV PROVINCE—RESTAURANTS, LUNCHROOMS, ETC.

A restaurant was opened on a state farm. A. Zasukha. Obshchestv. pit. no. 6;19-22 Je '62.

CHERNIGOV PROVINCE—TRICHINA AND TRICHINOSIS

Epidemiology and epizootology of trichinosis in Chernigov and Sumy Provinces. P. E. Savchenko. Med. paraz. i paraz. bol. no. 3;311-313 '62.

CHERNOGORSK—TEXTILE FACTORIES

Construction of the main frame of the Chernogorsk Combine. N. Korekovtsev. Nauch. Rev. 3 no. 4;21-22 Ap '62.

CHERNOZEM SOILS

Effect of fertilizers on the yield of sugar beets in leached Chernozem soils. I. H. Predko, M. IA. Linobyts'ka. Nauk. pratsi Ukr. nauk.-dosl. inst. zem. 11;64-65 '61.

CHERNOZEM SOILS—FERTILIZERS AND MANURES see subdivision under Krasnodar Province

CHERNYSHEV RIDGE—GABBRO

Structural and petrographic characteristics of the Lukinda gabbroid massif. M. I. Rozinov. Trudy VSEGEI 73: 155-163 '62.

CHERNYSHEV RIDGE—GEOLOGY, STRATIGRAPHIC

Pershina, A. I. [Silurian and Devonian sediments of the Chernyshev Ridge] Siluriiskie i devonskie otlozhenila griady Chernysheva. Moskva, Izd-vo Akad. nauk SSSR, 1962. 120 p. 7 diagrams

CHERNYSHEVSKII, NIKOLAI GAVRILOVICH, 1828-1889

Can one consider the tale "Alfer'ev," by N. G. Chernyshevskii, as a part of his unfinished novel "Tales within a tale," N. A. Verderevskaia. Uch. zap. LGPI 12:53-61 '62.

Lebedev, A. A. [Chernyshevskii's heroes] Geroi Chernyshevskogo. Moskva, Sovetskii pisatel', 1962 305 p.

Studying the literary characteristics of N. G. Chernyshevskii's novel "What to do?" in grade 9 of the secondary school. T. F. Kudiumova. Uch. zap. MGPI 175:57-78 '61.

CHERNYYE ZEMLI—WATER, UNDERGROUND—COMPOSITION

Chemistry of underground waters of Chernyye Zemli. E. V. Posokhov, P. V. Gordeev. Trudy NPI 128:85-95 '62

CHERSONESE (CITY)—COINS, ANCIENT

The Chronology of Chersonese "tetrasarii." V. O. Anokhin. Arkheologiia 14:31-51 '62.

CHESS

At the chessboard. M. IUdovich. Obshchestv pit no 6 63 Je '62.

Chess. V. V. Smyslov. Tekh. mol. 30 no. 9:39 '62.

"Large scale play" by E. Zagoriianskii. Reviewed by A. Semenov. Znan.-sila 37 no. 7 39 Jl '62.

Living chess. IU. Averbakh. Znan.-sila 37 no. 5:52-53 My '62.

CHEST—FOREIGN BODIES

Use of transverse tomography in determining the localization of metallic foreign bodies in the chest cavity. P. I. Pasechnik. Klin. khir. no. 7:68-70 Jl '62.

CHEST—SURGERY

"Chest and emergency surgery." Reviewed by P. N. Napalkov and A. P. Mirzaev. Kaz. med. zhur. no. 3:91-93 My-Je '62.

CHETAEV, NIKOLAI GUR'EVICH, 1902-1959

Chetaev, N. G. [Stability of motion; works on analytic mechanics] Ustoichivost' dvizhenila i raboty po analiticheskoi mekhanike. Moskva, Izd-vo Akad. nauk SSSR, 1962. 535 p.

CHIATURA REGION—GEOLOGY, STRATIGRAPHIC

Stratigraphy and facies of Tertiary sediments in the northern periphery of the Dzirulskii Massif. A. A. Chikovani Trudy Geol. inst. AN Gruz SSR. Geol. ser. 12 79-102 '61

CHICANERY (LAW)

Stefanida's "commandments." Galina Vasilevskaia. Rab. i stial. 30 no. 8:19 Ag '62.

CHICKEN CHOLERA

Testing terramycin for the treatment and prevention of pasteurellosis in chickens. V. G. Romanenko. Trudy Rost. NIVS no. 12:162-165 '60.

CHIKHACHEVA RANGE—GRANITE

Porphyrylike and microlinelike granites in the Chikhacheva Range of the Gornyy Altai. K. A. Anikiev. Trudy VSEGEI 73:201-209 '62.

CHILD PSYCHIATRY

Development of pediatric psychiatric service. M. I. Lapides. Zhur. nevr. i psikh. 62 no. 7:1115 '62.

"Problems in pediatric psychoneurology." Reviewed by M. I. Lapides. Zhur. nevr. i psikh. 62 no. 7:1109-1110 '62.

Work and problems of the Department of Pediatric Psychiatry of the Central Institute of Postgraduate Medical Training for the preparation of pediatric psychoneurologists. M. G. Savchenko, M. S. Vrono. Zhur. nevr. i psikh. 62 no. 7:1113-1114 '62.

CHILDREN—CARE AND HYGIENE

Children's health problems at the Third International Congress of Physicians. N. P. Nikiforova. Vop. okh. mat. i det. 7 no. 6:89-91 Ag '62.

Demidova, A. M. [Guard your health; on the 40th anniversary of the Pioneers] Beregi zdorov'e; k 40-letiiu pionerskoi organizatsii imeni V. I. Lenina. Izd. 2., perer. Moskva, Medgiz, 1962. 30 p. (Bibliotechka shkola'nika) (DNLM)

Lowering disease incidence of infants in nurseries [with summary in English]. I. P. Grekhova. Vop. okh. mat. i det. 7 no. 8:64-66 Ag '62.

Republic conference on the problem of "Protecting the health of children and adolescents." E. M. Vainrub. Gig. i san. 26 no. 12:95-97 D '61.

CHILDREN—DISEASES

First All-Russian Conference on Research and Practice of Pediatricians and Teachers on the Sanatorium and Health Resort Treatment of Children. Z. I. Edel'man, B. G. Leites. Vop. okh. mat. i det. 7 no. 8:87-89 Ag '62.

Medical consultation on some deviations in the internal organs in adolescents and students [with summary in English]. V. M. Levin Vop. okh. mat. i det 7 no. 8: 21-26 Ag '62.

CHILDREN—EMPLOYMENT

Influence of working conditions in the ship building industry on the health of adolescents [with summary in English]. D. S. Rutenburg. Gig. i san. 26 no. 12 30-33 D '61.

CHILDREN—GROWTH

(see also subdivision under Moscow; Rostov-on-Don)

Dynamics of development in children suffering from Down's disease [with summary in French]. E. N. Samodumskaia. Zhur. nevr. i psikh. 62 no. 7:1058-1061 '62.

CHILDREN—INSTITUTIONAL CARE

Sanatoriums and health resorts for children in pre-revolutionary Russia. P. D. Tambovtsev. Vop. kurt., fizioter. i lech. fiz. kul't. 27 no. 3:254-258 My-Je '62.

CHILDREN—LAW

Malein, N. S. [Liability for injuries to the health of minors] Vozmeshchenie vreda pri povrezhdenii zdorov'ia nesovershennoletnikh. Moskva, Gosiurizdat, 1962. 64 p.

CHILDREN—MANAGEMENT

Adults and children. E. Panasiuk. Mol. komm. no. 6: 81-82 Je '62.

From the notes of a class adviser. O. Baranov. Nar. obr. no. 10:62-64 O '62.

"How to help children in their studies" by M. F. Lintsevskaia. Reviewed by A. Ivashyn. Nar. asv. no. 9:86-89 S '62.

I am for a smile in class. M. Razumovskaia. Nar. obr. no. 8 73 Ag '62.

Lavrov, A. S., and O. A. Lavrova. [Comrade child] Tovarishch rebenok. Moskva, Izd-vo "Znanie," 1962. 01 p. (Novoe v zhizni, nauke, tekhnike. XI Seriia Pedagogika, no. 16)

Punishment and forgiveness. I. Davydov. Rab. i stial. 36 no. 8:14-15 Ag '62.

Training according to example. V. Vavilov. Nar. obr. no. 10:31-33 O '62.

Why Alla is so nervous? A. Zhukouskaia. Pionery 19 no. 9:29 S '62.

A work worthy of members of the Communist Youth League. M. Levitskii. Mol. komm. no 6 79-80 Je '62.

CHILDREN AS ARTISTS—EXHIBITIONS

All-Union Exhibition of the Graphic Creativeness of Children, 1962. Nar. obr. no. 10:86 O '62.

CHILDREN IN AGRICULTURE—HYGIENIC ASPECTS

Functional changes in rural students during the course of summer employment [with summary in English] M. S. Kliachkin. Vop. okh. mat. i det. 7 no. 8:34-37 Ag '62.

CHILDREN IN THE U. S.

With American children. IUrii Iziumov. IUn. nat. no. 8: 13-16 Ag '62.

CHILDREN'S CLUBS

Our discussion club. D. Konokotin. Nar. obr. no. 10: 64-67 O '62.

CHILDREN'S LIBRARIES see Libraries, Children's

CHILDREN'S LITERATURE

"Home reading for children" by L. A. Lukachevskaia Reviewed by N. Dmitriev. Nach. shkola 30 no 8: 86-89 Ag '62

New books for primary school students. R. P. Bomm. Nach. shkola 30 no. 8:89-91 Ag '62.

New historical fiction for primary schools. V. V. Kargelov. Nach. shkola 30 no. 8:91-92 Ag '62.

CHILDREN'S PLAYS

(see also subdivision under Leningrad, Moscow)

"Theater and children" by I. Liubinskii; "Children come to the theater" by Natalila Sats. Reviewed by I. Lidina. Nar. obr. no. 10:115-117 O '62.

CHILE—EARTHQUAKES

The 1960 earthquakes in Chile. D. N. Mikhaleva. Izv. Vses. geog. ob-va 94 no. 4:348-351 Jl-Ag '62.

CHILE—MINERS

Visiting the young miners in Chile. Martin Nomas. Mol. mira no. 7:3 '61.

CHIMKENT PROVINCE—AGRICULTURE—LABOR PRODUCTIVITY

Stories about ordinary people. Part. zhizn' Kazakh. 32 no. 9:70 S '62.

CHIMKENT PROVINCE—NAMES, GEOGRAPHICAL

On the origin of the toponym "Shaul'der" [in Kazakh with summary in Russian]. S. Omarbekov. Izv. AN Kazakh. SSR. Ser. filol. i isk. no. 2:58-63 '62.

CHIMNEYS

Correcting the pitch of a smokestack under difficult circumstances. M. Bekkiev and others. Prom. stroi. i inzh. soor. 1 no. 4 34-36 Jl-Ag '62.

Forty-meter smokestack assembled on the ground M. Tashlitskii. Na stroi Ros 3 no. 4 37 Ap '62

CHINA—FISH CULTURE

"Pond fish culture" Reviewed by S. G. Solin Ryb. khoz. 38 no. 8 80 '62

CHINA—FOREIGN RELATIONS

China and the U. N. Nov. vrem. 20 no. 40 3 O '62.

CHINA—FOREIGN RELATIONS—RUSSIA

Mirovitskaia, R. A. [The movement in China for the recognition of Soviet Russia, 1920-1924] Dvizhenie v Kitae za priznanie Sovetskoi Rossii, 1920-1924. Moskva, Izd-vo vostochnoi lit-ry, 1962. 67 p.

CHINA—GEOLOGY

Keller, B. M., ed. [Ancient rocks of China. Translated from the Chinese and English] Drevnieishie porody Kitaia, sbornik statei. Moskva, Izd-vo inostr. lit-ry, 1962. 305 p

CHINA—GLUTAMIC ACID

Anticorrosive protection of equipment in the sodium glutamate factories of the Chinese People's Republic. IU. M. Kravets, G. V. Danyiko. Khar. prom. no. 2:91-95 Ap-Je '62.

CHINA—LOANS, FOREIGN

Boldyrev, B. G. [How imperialist states used loans in their efforts to enslave China, 1840-1948] Zaimy kak orudie zakabalenila Kitaia imperialisticheskimi derzhavami, 1840-1948 gg. Moskva, Gosfinizdat, 1962. 222 p.

CHINA—MOTION-PICTURE PLAYS

A hurricane after the storm; a letter from Shanghai. Iak kino no. 9:113-115 S '62.

CHINA—PALEOGEOGRAPHY—MAPS

Liu Hung-yung, comp. [Paleogeographical atlas of China. Translated from the Chinese] Paleogeograficheskii atlas Kitaia. Pod red. i s predisl. D. S. Sokolova. Moskva, Izd-vo inostr. lit-ry, 1962. 117 p.

CHINA—POLITICS AND GOVERNMENT

Mao, Tse-tung. [On the new democracy] O novoi demokratii. [Moskva] Gospolitizdat, 1960. 110 p. (Bibliotechka po nauchnomu sotsializmu, no. 62) (NNC)

CHINA—PRINTING—HISTORY

Influence of Chinese books on the development of printing in Japan from the 7th to the 14th century. V. S. Grivnin. Kniga; issl. i mat. 6,215-230 '62.

CHINA—SILK MANUFACTURE

A city of gardens, silk and embroidery [with English summary in insert]. I. Loboda. Az. i Afr. segl. no. 8: 46-48 S '62.

CHINA-CLAY see Kaolin

CHINCHILLAS

Chinchilla farming. B. M. Rzhevskii. Priroda 51 no. 7: 102 Jl '62.

CHINESE EMBROIDERY see Embroidery, Chinese

CHINGIZ-TAU—GRANITE

Age of granitoids in the upper Chagan Basin in the Chingiz-Tau. V. N. Fedorov. Trudy VSEGEI 71:99-105 '62.

CHIRCHIK VALLEY—ORE DEPOSITS

Stages in the mineral formation and special features of paragenetic associations in the mineralized zone of the Kumbel' fault in the Angren-Chirchik interfluve. R. A. Sadykov. Uzb. geol. zhur. 6 no. 4:22-29 '62

CHITA—EVENING AND CONTINUATION SCHOOLS

Progress enters life. D. S. Safronova, P. A. Filippov. Vech. srod. shkola 5 no. 3:56-59 My-Je '62.

CHKALOV PROVINCE see Orenburg Province

CHLORAMINE

Complement fixation reaction with activin in rickettsiosis. N. M. Bolnova. Lab. delo 8 no. 8:41-43 Ag '62.

CHLORIDES

Theory of the silver chloride electrode and the determination of complex chloride instability constants. V. I. Altynov, B. V. Pitisyn. Zhur. neorg. khim. 7 no. 9: 2103-2109 S '62.

CHLORINE—PHYSIOLOGICAL EFFECT

Hygienic bases of the maximum permissible concentrations of chlorine and hydrogen chloride if simultaneously present in the air. V. M. Stiazhkin. Prad. dop. konsent. atmosf. zagr. no. 6:100-108 '62.

CHLOROPHYLL

Catalase activity in albino sunflower plants. I. I. Liashchenko. Bot. zhur. 47 no. 7:1032-1036 Jl '62.

CHLOROPHYLL (Continued)
Concise historical outline of the problem of genetic relation between chlorophyll and hemoglobin. P.M. Senchenkova, Izvdy Inst. Int. cent Fiziol. 10:157-197 '62.
Determining the purity of chlorophyll [with summary in English]. V.M. Kutiurin, I.IU. Arlankina. Fiziol. rast. 9 no.3,493-496 '62.
Effect of growing conditions on chlorophyll mutations in the progeny of irradiated barley. S.I. Alexandrovich Agrobiologiia no.4,617-619 Jl-Ag '62.

CHLOROPHYLL--SPECTRA
Infrared spectra of chlorophyll and its analogues. Part 2. Isotopic exchange between molecules of chlorophyll, pheophytin, and heavy water. A.N. Sidorov. Opt.i spektr. 13 no.1,371-378 S '62.
Study of the keto-enol tautomerism of chlorophyll based on infrared absorption spectra. A.V. Karyakin, A.K. Chibisov. Opt.i spektr. 13 no.3,370-382 S '62.

CHLORPROMAZINE
Action of aminazine in combination with anesthetics and morphine in an experiment. T.V. Rasposova. Kaz. med. zhur. no.1,71-77 My-Je '62.
Effect of largactil on the structure of the myelin sheaths of the peripheral nerves. T. Marcu, L. Lucaciu. Arkh. pat. no.7,50-52 '62.
Peretiatnikov, L.S., ed. [Use of aminazine in obstetrical and gynecologic practice] Primenenie aminazina v akusherskoi-ginekologicheskoi praktike. Minsk, Gos. izd-vo BSSR, Red. nauchno-tekhn. lit-ry, 1962. 170 p. (MIRA)

CHLORTETRACYCLINE
Drying of the filtration micelle mass in the production of vitaminized feed biomycin. L.V. Korikhina, Z.K. Ashkinazi. Khim.prom. no.2,71-73 Ap-Je '62.
Regularities in the formation of vitamin B_{12} in the production of feed biomycins. N.IA. Fedorova, S.V. Pichugin. Khim.prom. no.2,68-71 Ap-Je '62.

CHOLESTEROL
Effect of preparations from Zizyphora Bunglana on the amount of cholesterol in the blood serum of rabbits. Sh. Zh. Zhangozin. Vest.AN Kazakh.SSR 18 no.6 40-48 Je '62.
Level of cholesterol and cholesterol esters in the blood in the population of Ethiopia [with summary in English]. A.S. Loginov. Kardiologiia 2 no.4,81-85 Jl-Ag '62.

CHOLESTEROL METABOLISM
Effect of the mineral water and climate of the high-mountain health resort of Issyk on cholesterol metabolism. G.I. Kudinov. Vop.kur., fizioter. i lech.fiz.kul't. 27 no.3,215-217 My-Je '62.

CHOLINE
Inhalation of acetylcholine aerosols in function tests of the respiratory apparatus in chronic bronchitis and pneumosclerosis. A.O. Navakatikian. Klin.med. no.1,80-84 '61.

CHOLINE--TOXICOLOGY
Case of fatal poisoning with a medicinal preparation, carbacholine. N.M. Gabdin, V.M. Mednova. Sud.-med. ekspert. 5 no.3,48-49 Jl-S '62.

CHOLINESTERASE
Study of the active centers of cholinesterases with the aid of organophosphorus inhibitors. V.A. Alkovlev, R.I. Volkova. Dokl.AN SSSR 146 no.1,217-220 S '62.

CHOREA
Chorea minor. M.A. Kudriavtsev. Med.sestra 21 no.6, 28-30 S '62.

CHRISTENING see Baptism

CHRISTIAN ETHICS
Christian "science of life" by I. Mikrokhin. Reviewed by V. Shpitsk. Nauka i rel. no.6,63-64 Je '62.
To adherents of Christian ethics. A. Shamaro. Nauka i rel. no.6,53-57 Je '62.

CHROMATES
Oxidation of pentoses by chromate. Part 6. M.N. Tul'chinskii. Zhur.obshch.khim. 32 no.8,2699-2703 Ag '62.

CHROMATIN
Evolution of sex chromatin in the neutrophils of the bloody preliminary report. M.E. Orlova. Probl.gemat. i poral.krovi no.6,24-26 '62.

CHROMATOGRAPHIC ANALYSIS
Chemical reactions under chromatographic conditions. S.Z. Roginskii, A.L. Rozental'. Dokl.AN SSSR 146 no.1,152-155 S '62.
Chromatographic analysis of furfurole. V.M. Rozenkov, IU.I. Khokhlin, V.I. Morozova. Gidroliz.i lesokhim. prom. 15 no.6,19-22 '62.
Trihydroxyglutaric acid and its salts as a buffer in separating lanthanides by means of ion exchange chromatography [with summary in English]. Z.P. Andreeva, V.N. Nikonov. Izv.TSKHA no.3,201-205 '62.
Use of chromatography in chemico-technological process control. V.V. Aronovich, A.IA. Gallinkii, K.V. Zavertkin. Khim.prom. no.6,570-580 Ag '62

CHROMATOPHORES
State of chloroplasts in the wintering leaves of evergreen plants [with summary in Lapvish]. I.I. Shvarskaia. Fiziol.rast. 9 no.4,398-407 '62.

CHROMIC ACID
Preparation and some properties of triphosphitochromous acid. I. Podlaha, M. Ebert. Zhur.neorg.khim. 7 no.9,1984-1991 S '62.

CHROMITE see subdivision under Kazakhstan

CHROMIUM
(see also subdivision under Tien Shan)
Electron paramagnetic resonance of Cr^{3+} in glasses. N.S. Garif'ianov. Fiz.tver.tela 4 no.9,2450-2451 S '62.

CHROMIUM ANALYSIS
Cast iron saturation by chromium during its melting in cupolas with a chromo-manganese lining [with summary in English]. A.A. Gorbikov, V.V. Klibom. Nauch. trudy Inst.fiz.prob.v.AN URSR 11,78-82 '62.

CHROMIUM SPECTRA
Effect of chemical bonds on L_2 and L_3 energy levels of a chromium atom. A.Z. Menshikov, Yu.A. Nekrasov, L.B. Mokhamedov. Fiz.met.i metalloved. 14 no.1, 104-110 S '62.

CHROMIUM ALLOYS--TECHNOLOGICAL INNOVATIONS see subdivision under Aktyubinsk

CHROMIUM-MANGANESE STEEL--HARDENING
Effect of added alloying of chromium manganese steel on its hardenability. M.P. Braun, B.B. Vinokur, A.I. Geller. Izv.vys.ucheb.zav.-chern.met. 5 no.8, 128-131 '62.

CHROMIUM-NICKEL ALLOYS see Nickel-chromium alloys

CHROMIUM NICKEL STEEL--COLD WORKING
Effect of cold deformation and aging on the density and the coefficient of linear expansion in austenitic chromium-nickel steel. B.I. Nefedkin. Fiz.met.i metalloved. 14 no.1,165-170 S '62.

CHROMIUM NICKEL STEEL--METALLOGRAPHY
Kinetics of the decomposition of undercooled austenite in chromium nickel molybdenum steel during two-step isothermal cooling. I.P. Bardin, V.A. Khrushchenko, I.I. Ivanov. Izv.vys.ucheb.zav.-chern.met. 5 no.8, 108-107 '62.

CHROMIUM NICKEL STEEL--WELDING
Lack of fusion in the electric slag welding of austenitic chromium-nickel steel and alloys. A.N. Gorshkov, M.P. Nikitin. Avtom.svar. 15 no.8,87-88 '62.

CHROMOSOME NUMBERS
Comparative study of light and dark reactivation of yeast cells of different ploidy injured by ultraviolet radiation [with summary in English]. V.I. Korogodin and others. Zhur.obshch.biol. 23 no.6,402-407 Jl-Ag '62.

CHROMOSOMES
Chromosomic apparatus of the cells of the meristeme from following the action of physical and chemo-agents factors [with summary in English]. V.I. Ivanova. Arkh. anat., gist. i embr. 44 no.5,90-99 Jl '62.

CHU LI MOUNTAINS--DIABASE
Zonal dike of diabases in the Chu-li Mountains. A.V. Bulychev. Trudy VSEGEI 73:111-146 '62.

CHU LI MOUNTAINS--DIKES (GEOLOGY)
Zonal dike of diabases in the Chu-li Mountains. A.V. Bulychev. Trudy VSEGEI 73:111-146 '62.

CHUKOVSKII, KORNEI IVANOVICH, 1882
Kornei Ivanovich Chukovskii. I.IA. Zabolavotskyi. Rad. lit. 6 no.5,98-109 S-O '62.

CHULYM RIVER--COFFERDAMS
Construction of cofferdams for the foundation pit of the water retaining dam of the Novosibirsk Regional Electric Power Plant. I.F. Bokarev. Energ.stroi no.27,27-30 '62

CHUNA VALLEY (KRASNOYARSK TERRITORY)--DIKES (GEOLOGY)
Dikes of subalkaline trap rocks in the Chuna Valley. V.P. Lebedeva. Trudy VSEGEI 73:95-108 '62.

CHURCH
Religion and church abroad. Nauka i rel. no.6:40-41 S '62.

CHURCH ARCHITECTURE
(see also subdivision under Khatun', Moscow Province, Sel'vychegodsk)
Roofs without columns in the architecture of the 16th and 17th centuries. G.A. Shteltsman. Arkhit.nas. 14:47-67 '62

CHURCH ARCHITECTURE--DETAILS
(see also subdivision under Kostroma)
Griffin in Vladimir-Suzdal facade sculpture. G.K. Vagner. Sov.arkheol. 4 no.3,78-89 '62.

CHURCH FINANCE see subdivision under United States

CHUVASH CALENDAR see Calendar, Chuvash

CHUVASH LANGUAGE
Word-theory in language in Chuvashia in the ancient times. V.I. Kakhovskii. Uch.zap.ChNII no.21:121-125 '62.

CHUVASH LANGUAGE--ATTRIBUTION
Detached attributives and appositives. N.P. Petrov. Uch.zap.ChNII no.21:259-261 '62.

CHUVASH LANGUAGE--SYNTAX
Complex sentences with subordinate terms [in Chuvash with summary in Russian]. I.A. Andreev. Uch.zap. ChNII no.21:135-140 '62.
Unjoined adjuncts; notes on the syntax of N.P. Vasil'ev literary works. N.P. Petrov. Uch.zap.ChNII no.21: 260-268 '62.

CHUVASH NAMES see Names, Chuvash

CHUVASH STUDIES
Brief news. Uch.zap.ChNII no.21:161-167 '62.

CHUVASHIA--COMMUNIST PARTY OF THE SOVIET UNION
Growth and strengthening of the Chuvash Province Party organization during the years of the Great Patriotic War. N.M. Maryukhin. Uch.zap.ChNII no.21:195-209 '62.

CHUVASHIA--COMMUNIST YOUTH LEAGUE
Lecture excursion for relaxation. N. Koshkin, P. Komissarov. Mol.gv. no.15,25-28 Ag '62.

CHUVASHIA--CRIME PREVENTION
The legal nature of the measures of social influence. N.A. Ogurtsov. Uch.zap.ChNII no.21:87-90 '62.

CHUVASHIA--HANDICAPPED CHILDREN
Brief notes on many things. A. Ignat'ev. Sov.obr. 7 no.7,10-11 Jl '62

CHUVASHIA--HISTORY
Petrov, I.I., [Chuvashia during the first years of the dictatorship of the proletariat] Chuvashiia pervye gody diktatury proletariata. Cheboksary, Chuvashskoe kn.-vo, 1961. 355 p.
(MIR)

CHUVASHIA--MAMMALS, FOSSIL
Paleontological finds in Chuvashia. M.I. Dedkov, A.I. Ivova. Izv.Vses.geog.ob-va 94 no.4:345-350 Jl-Ag '62.

CHUVASHIA--PEASANTRY
"History of the Chuvash peasantry," Part 1 "Chuvash Pre-history," to the twentieth century. In 3 parts. Reviewed by A.M. Dobrovolskii. Uch.zap.ChNII no.21: 300-302 '62.

CHUVASHIA--POLITICS AND GOVERNMENT
They make decisions and carry them out without outside help. P. Ivanov. Sov.deput.trud no.10:22-25 O '62

CHUVASHIA--POPULATION
Size, structure and dynamics of the population of Chuvashia at the end of the 18th century and the first half of the 19th century. P.A. Sokolov. Uch. zap.ChNII no.21:193-221 '62.

CHUVASHIA--POULTRY BREEDING
Poultry breeding is a profitable branch of farming. V.I. Kondrakova. Uch.zap.ChNII no.21:45-62 '62.

CHUVASHIA--RELIGION, PRIMITIVE
Parallels in the religious beliefs of the ancient Celts and Chuvash. V.N. Ignatov, V.D. Dmitriev. Uch. zap.ChNII no.21:226-246 '62

CHUVASHIA--WORLD WAR, 1939-1945
Growth and strengthening of the Chuvash Province Party organization during the years of the Great Patriotic War. N.M. Maryukhin. Uch.zap.ChNII no.21:210-240 '62.

CICADA see subdivision under Moldavia

CIGARETTE INDUSTRY--EQUIPMENT AND SUPPLIES see subdivision under Feodosiya

CIRCUITS, BRIDGE see Bridge circuits

CIRCUITS, ELECTRIC see Electric circuits

CIRCULATORY SYSTEM see Cardiovascular system

CITIES AND TOWNS
(see also subdivision under Armenia; Slovenia)
Against simplification in toponymy. A.V. Superanskaia. Vop.yaz. no.5:151-154 '62.
"Basic problems in the history of medieval cities from the 10th to the 15th century" by V.V. Stokletskaia-Petrashkevich. Reviewed by A.A. Svanidze and Yu.A. Limonov. Ist.SSSR no.4:194-199 '62
Study of our cities in the independent works of students. E.S. Kodacheva. Geog.v shkole 25 no.1:49-50 S-O '62.

CITIES AND TOWNS, RUINED, EXTINCT, ETC. see subdivision under Gradizhsk District

CITRIC ACID

Determination of the citric acid solubility of natural phosphates IA IA Anso, M A Veiderma, S P. Kasesalu Khim prom no 7:537-539 Jl '62

CITRUS FRUITS
(see also subdivision under Sochi region)

Role of leaves in the sexualization and differentiation of buds in citrus plants. I. S. Kapanadze Sbor. trud. asp. i mol. nauch. sots., VIII no 1:303-307 '60

CITY PLANNING
(see also subdivision under Alma-Ata, Elektrostal', Karaganda, Kazakhstan, Kiev, Klin, Konakovo, Leningrad, Moscow, Novosibirsk, Petrodvorets, Pushkin, Rudnyy, Russia, Northern, Sochi, Tom' Valley, Tselinograd, Volgograd)

Be careful to preserve wooded areas. V. Chushniakov Na stroi. Ros. 3 no. 1:9 Ap '62

Berlushev, K. G. [Preventive sanitary control of the planning, building and improvement of populated areas in the U. S. S. R.] Predupreditel'nyi sanitarnyi nadzor za planirovkoi, zastroikoi i blagoustroistvom naselennykh mest SSSR. Izd 2., perer. i dop. Moskva, Medgiz, 1962. 166 p. (DNLM)

Building density in a microdistrict. I. Kontorovich Na stroi. Ros. 3 no. 4:5-6 Ap '62.

The general plan is the basic law of city planning Na stroi. Ros. 3 no. 1:1 Ap '62.

Make fuller use of city areas N Tarasov, V. Faleev. Na stroi. Ros. 3 no. 4:7-8 Ap '62

The most important problems in planning and building cities. V. Shkvarikov. Na stroi. Ros. 3 no. 4:2-5 Ap '62.

Planning traditions in popular architecture A V Ikonnikov Arkhit. nas 11 159-184 '62

CIVIL DEFENSE

[Civil defense; a manual] Grazhdanskaia oborona; uchebnoe posobie. [By] P. T. Egorov i dr. Moskva, Vysshaia shkola, 1962. 363 p.

CIVIL LAW

Ioffe, O. S., and Iu. K. Tolstoi. [Basic principles of Soviet civil law] Osnovy sovetsko o grazhdansko o zakonodatel'stva [Lenin rad] Izd-vo Leningr. univ., 1962. 214 p

[New civil and civil procedure laws of the U. S. S. R. and the Union Republics; papers delivered at a conference of the All-Union Institute of Legal Science] Novoe v grazhdanskom i grazhdansko-protsessual'nom zakonodatel'stve Soiuza SSR i soiuznykh respublik; trudy nauchnoi sessii VIIUN Moskva, Vses. in-t iurid. nauk, 1962. 219 p.

CIVIL LAW—BIBLIOGRAPHY see Bibliography—Civil law

CIVIL PROCEDURE

[New civil and civil procedure laws of the U. S. S. R. and the Union Republics; papers delivered at a conference of the All-Union Institute of Legal Science] Novoe v grazhdanskom i grazhdansko-protsessual'nom zakonodatel'stve Soiuza SSR i soiuznykh respublik, trudy nauchnoi sessii VIIUN Moskva, Vses. in-t iurid. nauk, 1962. 219 p

CIVIL PROCEDURE (INTERNATIONAL LAW)

Ancillary actions relating to foreign trade. D. M Genkin. Sov. gos. i pravo 32 no 10 116-120 O '62

CLAISEN CONDENSATION

Study of the Claisen condensation of esters of levulinic acid and their conversion products N V Zotchik and others Zhur ob khim. 32 no 9 2823-2828 S '62

CLASSIFICATION—ARCHIVES

Russia (1923- U. S. S. R.) Glavnoe arkhivnoe upravlenie. [Unified classification scheme for document materials of the State Archives of the U. S. S. R. in the Catalog of public archives, Soviet period] Skhema edinoi klassifikatsii dokumental'nykh materialov Gosudarstvennogo arkhivnogo fonda SSSR v katalogakh gosudarstvennykh arkhivov, sovetskii period. Pod red. G. A. Belova i dr. Moskva, 1962. 158 p.

CLAVICLE—FRACTURE

Expandable wooden splint for treating fractures of the clavicle. Iu. G. Gorlunov. Orthop., travm. i protez. 23 no. 6:60-61 Je '62.

CLAY
(see also subdivision under Omsk Province; Tomsk region; Ural Mountain region; Volga Valley; West Siberian Plain)

Laboratory testing of the thixotropic properties of clay soils. A. I. Lagoiskii. Vest. TSNII MPS 21 no. 6:30-32 '62.

Relationship between water and clay rocks in the initial stage of the washout. Report No. 2. I. V. Popov, E. G. Borisova. Vest. Mosk. un. Ser. 4: Geol. 17 no. 4:25-34 Jl-Ag '62.

CLAY—ANALYSIS

Effect of some reagents on clays of various mineral compositions T. S. Berlin. Trudy VSEGEI 72:99-124 '62

Petrov, V. P., ed. [Problems in the mineralogy of clays. Translated from the English] Voprosy mineralogii glin, sbornik statei. Moskva, Izd-vo inostr. lit-ry, 1962. 463 p.

Remarks on the determination of the composition of clayey substance in clay rocks using a mixed dye proposed by N. S. Spiro and I. M. Gogoleva O. P. Orlonova Trudy VSEGEI 72:177-179 '62

Some characteristics of the distribution of clay formations based on structural and mineralogical indicators as revealed by electronographic data B. B. Zvingin, R. A. Shakhova, V. A. Shitov. Trudy VSEGEI 72:57-73 '62.

CLEANING COMPOUNDS

All-Union Interplant School of Continuous Production of Soap and Cleaning Compounds. A. A. Kharitonov. Maslozhir. prom. 28 no. 9:12-13 S '62.

Critical concentrations of micelle transformations in the aqueous solutions of alkyl sulfates from the alcohol of unsaponifiables-II. M. P. Beoplatov, Zh. IA. Leshchenko. Maslozhir. prom. 28 no. 9 20-21 S '62.

In the Ukrainian Scientific Research Institute of the Oil and Fat industries. O. M. Karnaukh. Khim. prom. no. 2, 80-81 Ap-Je '62.

New compound for cleaning dirt and oil stains on fabrics in loom state. G. S. Arakelian, Z. G. Lapshova. Tekst. prom. 22 no. 9:62-63 S '62.

Synthetic detergents in the food industry. E. A. Rubanovich, A. L. Shtenberg, S. V. Genel'. Gig. i san. 26 no. 12:69-72 D '61.

CLEARING OF LAND

Mounted cutting machine for developing land covered with bushes. P. D. Tomin, E. I. Kopiev. Gidr. i mel. 11 no. 8:42-46 Ag '62.

CLEFT PALATE

Titarev, V. I. [Treatment of children with a congenital deformity of the lip and palate, speech training at home following an operation on the palate] Lechenie detei s vrozhdennym urodstvom guby i nëba, obuchenie rechi v domashnei obstanovke posle operatsii na nëbe Kishinev, Kartia moldovenaske, 1962. 26 p. (DNLM)

CLERGY

Facts reveal. Nauka i rel. no. 6:37 Je '62

CLIMACTERIC

Characteristics of the three phases of the climacteric in women. B. M Kaminskii Kaz. med. zhur. no 3:36-38 My-Je '62

CLIMATOLOGY
(see also subdivision 'Climate' under Antarctic regions, Issyk-Ata Valley, Siberia, Western)

Division of the territory of the U. S. S. R. on the basis of climate, subsurface and surface water conditions N. S. Tokarev. Trudy NPI 128 3-21 '62

General atmospheric circulation as a necessary link in the chain, sun and climate fluctuations B. L. Dzerdzeevskii. Izv. Vses. geog. ob-va 94 no 4:295-303 Jl-Ag '62.

Problem of the fundamental amelioration of climate P. M. Borisov. Izv. Vses. geog. ob-va 94 no. 4:304-318 Jl-Ag '62.

Thermal state of the earth. M. I. Budyko. Priroda 51 no. 8:55-59 Ag '62.

CLIMATOLOGY, MEDICAL

"Problems of climatopathology in the clinical aspects of cardiovascular diseases" Reviewed by I. A. Kasatskii. Kardiologiia 2 no. 4 89-90 Jl-Ag '62

CLOCKS AND WATCHES

Analysis of the performance of an electric winding mechanism. Z. M. Aksel'rod. Izv. vys. ucheb. zav.; prib. 5 no. 5:90-97 '62.

CLOCKS AND WATCHES—ABSTRACTS

[Precision instruments and testing equipment] Ref. zhur. Otd. vyp. 40: Prib. toch. mekh. i isp. ust. nos. 19-20 O '62.

CLOCKS AND WATCHES—REPAIRING AND ADJUSTING

Gapeev, D. M. [Taking apart, cleaning and reassembling wrist watches] Razborka, chistka i sborka naruchnykh chasov. Moskva, Mashgiz, 1961. 20 p.

CLOSTRIDIUM

Distribution of vegetative forms of Clostridium perfringens on some objects in the external environment K. P Soboleva. Trudy MIEMG no. 5:43-52 '61.

Effect of respiratory poisons (2, 4-dinitrophenol, sodium azide and sodium cyanide) on the biological activity of pathogenic Clostridium. M. I. Tarkov Trudy MIEMG no. 5:89-99 '61.

Effect of some trace elements on the biological activity of Clostridium perfringens during cultivation on a casein hydrolysate medium. L. S. Dinevich Trudy MIEMG no. 5:79-88 '61.

Observation of the vital activity of vegetative forms of Clostridium perfringens in the soil. K. P Soboleva. Trudy MIEMG no 5:35-42 '61.

Phases in the development of a population of pathogenic Clostridium. M. I Tarkov. Trudy MIEMG no. 5:59-68 '61

Problem of the biological activity of pathogenic Clostridium. M. I Tarkov Trudy MIEMG no 5, 5-11 '61.

Reproduction of Clostridium perfringens in the soil K. P. Soboleva, M. I Tarkov. Trudy MIEMG no 5 23-34 '61

Soil of the theater of the 1941-1944 military actions as a reservoir of pathogenic micro-organisms of the genus Clostridium M. I. Tarkov Trudy MIEMG no 5, 15-21 '61

Some data on the biology of Clostridium tetani in the soil, preliminary report D A. Volkova Trudy MIEMG no 5, 53-56 '61

Some growth requirements of Clostridium perfringens. L. S. Dinevich Trudy MIEMG no 5, 69-77 '61.

CLOSTRIDIUM PASTEURIANUM

Effect of the moisture level and tillage methods on the development of Clostridium pasterianum. Iu. O. Dar'enick. Izv. AN Turk. SSR Ser. biol. nauk no 4, 13-16 '62.

CLOSTRIDIUM PERFRINGENS

Epizootiologic factors in infectious enterotoxemia of sheep in the Turkmen S. S. R. K. Aidzhikov. Izv. AN Turk. SSR, Ser. biol. nauk no 1, 76-80 '62.

Resistivity of the causative agent of enterotoxemia of sheep to the action of various chemicals. Iu. B. Safarov. Izv. AN Azerb. SSR, Ser. biol. i med. nauk no 5, 101-105 '62

CLOTHING, PROTECTIVE

"Beauty contest." V. Orlov. Tekh. mol. 30 no. 8:5-6 '62.

CLOTHING AND DRESS

How to choose the color of your dress Rab. i stroi. 38 no. 9 22-23 S '62.

CLOTHING INDUSTRY see subdivision under Kazakhstan

CLUBROOT

Effect of the time of planting on the susceptibility of field and garden turnip to the clubroot of cruciferous N. S. Pivovarova. Sbor. trud. asp. i mol. nauch. sots. VIII no. 2:149-155 '60.

CLUTCHES (MACHINERY)

Disk-type friction clutches with remote control. N. IA. Nikitin, A. G. Ivanovskii, G. S. Ilina. Stan. i instr. 33 no. 9 36-38 S '62.

Mel'kova, N. M. [Some types of centrifugal, clutching, and safety clutches] Nekotorye vidy tsentrobezhnykh puskovykh i predokhranitel'nykh muft Moskva, In-t informatsii dlia mash. A. A. Skorokhinskogo, 1961. 39 p

Protective ball clutch. A. A. Vodop'ianov, S. F. Glekov. Mashinostroitel' no. 9 28 S '62.

Study of turbocouplings for a two-speed asynchronous electric drive. Kh. T. Alimkhodzhaev. Nauch. soob. IGD 12:221-231 '61.

COAL—ANALYSIS see subdivision under Taymyr Basin

COAL—ELECTRIC PROPERTIES

Electric measurement of the parameters of coal suspensions. P. G. Zvenigorodskii, I. G. Ilka. Ugol' 37 no. 9 12-13 S '62.

COAL—TESTING

Griaznov, N. S. [Plasticity and the caking of coals] Plastichnost' i spekaemost' uglei Sverdlovsk, Metallurgizdat, 1962. 191 p

COAL, PULVERIZED

Research concerning an efficient aerodynamic system and design of a high-speed impact mill. V. M. Nikitin. Teploenergetika 9 no. 10:13-17 O '62.

Use of radioactive isotopes for investigating the wear process of coal pulverizer balls. A. IA. Shpakovich. Teploenergetika 9 no. 10 10-13 O '62.

COAL GEOLOGY
(see also subdivision under Donets Basin, Kuznetsk Basin; Pechora Basin; Tkvarcheli region)

Interpretation of the gradient curve of spontaneous polarization in pitching anthracite seams. V. V. Popov. Geofiz. razved. no. 9:119-127 '62.

Russia (1923- U. S. S. R.) Ministerstvo geologii i okhrany nedr. [Geology of coal and combustible shale deposits in the U. S. S. R.] Geologiia mestorozhdenii uglia i goriuchikh slantsev SSSR. Glav. red. I. I. Ammosov i dr. Moskva, Gosgeoltekhizdat.

Vol. 2, Bobryshev, A. T., and others, eds. [Moscow Basin and other coal deposits in central and eastern provinces of the European part of the U. S. S. R.] Podmoskovnyi bassein i drugie mestorozhdeniia uglia tsentral'nykh i vostochnykh oblastei Evropeiskoi chasti RSFSR. 1962. 560 p. maps.

COAL MINERS
(see also subdivision under Kuznetsk Basin)

Decorated miners. Sov. shak. 11 no. 10:24 O '62.

Miners' life. I. Kuleshov. Sov. shakh. 11 no. 10:28-29 O '62.

COAL MINES AND MINING
(see also subdivision under Bulgaria, Cheremkhovo Basin, Donets Basin, Karaganda Basin, Kazakhstan; Kuznetsk Basin, Lvov Volyn' Basin; Pechora Basin, Sary Aralya District, Tula Basin)
Blasting coal with "Hydrox-3" cartridges D I Adamidze, Z. A. Odnopozov, V V. Nachinkin. Vzryv. delo no 50/7 100-105 '62.

Brief information. Ugol' 37 no. 6 58-61 Ag '62.

Development of shearing processes in side rocks in hard headings lying above stopes. A. M. Sazonov Izv. vys. uch. zav., gor. zhur., 5 no. 6 37-46 '62.

Economic effectiveness of using around-the-clock combined brigades in the organization of mining operations. G. I. Kovalev, I. A. Pmmin, G. M. Lagutin. Ugol' Ukr. 6 no. 9 30 S '62.

Effect of the parameters of Ardox cartridges on the efficiency of coal blasting. D. I. Adamidze. Vzryv delo no. 50/7:193-202 '62

Establishing the basic parameters of a mining system in auger mining without timbering or having men in the stope. S. S. Mel'nikov. Nauch. soob. IGD 12, 3-10 '61

Expand coal production and improve the technical and economic indexes of the operations. N. V. Mel'nikov. Ugol' 37 no. 8 6-10 Ag '62.

In the Presidium of the Central Committee of the trade union. Sov. shakh. 11 no. 10:22 24 O '62.

Mitanikov, A. A. [Ventilation of mine workings with various coal mining systems] Provetrivanie gornykh vyrabotok pri razlichnykh sistemakh razrabotki ugol'nykh plastov. Moskva, Gosgortekhizdat, 1962. 219 p.

Miner's Day and the basic tasks of the coal mining industry. Ugol' 37 no. 5, 1-5 Ag '62.

Mokrinskii, A. S. [Constructing and supporting mine workings] Provedenie i krepienie gornykh vyrabotok. Moskva, Gosgortekhizdat, 1962. 363 p.

Stepanov, M. I. Bolotov Sov. shakh. 11 no. 10 7-9 O '62.

"Story about the black gland" by A. M. Terpigorev. A book review. Priroda 51 no. 9:73 S '62.

Support the cause of peace with work K. Severinov. Sov. shakht. 11 no. 9 30-32 S '62.

Towards communist self-rule N Kuznetsov. Sov shakht 11 no 9 1-3 S '62.

What we are working for. K. Kuznetsov. Sov. shakh. 11 no 10, 10 10 O '62.

COAL MINES AND MINING ACCIDENTS
Follow up to a letter. V. Vasilenkov. Sov shakh. 11 no 10:24 O '62.

COAL MINES AND MINING ACCOUNTING
"Theory of bookkeeping accounting" by V. V. Ogurtsov. Reviewed by A. G. Bikmov. Ugol' 37 no. 9:60-61 S '62.

COAL MINES AND MINING -BIBLIOGRAPHY see Bibliography- Coal mines and mining

COAL MINES AND MINING COSTS
(see also subdivision under Kuznetsk Basin; Moscow Basin, Pechora Basin)
Effect of individual factors on the labor productivity and coal production costs in coal mines, "Collection of articles. Reviewed by L. M. Dobrfunskaia, B. M. Ilkenberg, A. I. Serdiuk. Ugol' 37 no. 9:62-63 S '62.

On the increase. I. Logan. Sov. shakh. 11 no. 10 2-4 O '62.

Ways of obtaining a record-high operative capacity of coal cutter loaders. A. D. Gridin and others. Ugol' 37 no. 8, 49-56 Ag '62.

Word from the propagandists. B. Molcev. Sov. shakh. 11 no. 10 20-21 O '62.

Work goes well. V. Serkovskii. Sov. shakh. 11 no. 10: 36-37 O '62.

COAL MINES AND MINING—SAFETY MEASURES
[Control of sudden outburst in coal mines; proceedings of the scientific and technical conference held in Donetsk in December 1960] Bor'ba s vnezapnymi vybrosami v ugol'nykh shakhtakh; sbornik trudov nauchno-tekhnicheskogo soveshchaniia, sostoiavshegosia v gor. Donetske v dekabre 1960 g. Moskva, Gosgortekhizdat, 1962. 602 p.

COAL MINES AND MINING—TECHNOLOGICAL INNOVATIONS
(see also subdivision under Belovo)
Authors of books are industrial innovators. L. Glebova. Sov. shakh. 11 no. 8 41 O '62.

Miners leave the stope. V. Zhukovskii. Znan.-sila 37 no. 7:5 7 Jl '62.

COAL MINING MACHINERY
Analytical method of studying the operation of a flexible working part E. I. Goizman. Nauch. soob. IGD 12 156-164 '61.

Coal plows. N. Gnilorybov. Sov. shakh 11 no 10: 14-16 O '62.

Cutter loaders gather speed P Gulyi Sov shakht 11 no. 9 11-12 S '62.

Determining the cutting parameters of a volumetric planetary working part moving along the working face. E. K. Gubenkov. Nauch. soob. IGD 12:140-145 '61.

Equipment for watering coal in seams. B. P. Vishnevskii. Biul. tekh.-ekon. inform. Gos nauch.-issl. inst. nauch. i tekh. inform. no. 9 16-18 '62.

Expediency of the over-all mechanization of stoping operations in mines under the Tula Economic Council. P. N. Permiakov, A. N. Chekanov, G. P. Shevaldin. Ugol' 37 no. 8 36-40 Ag '62

For a better utilization of the coal cutter-loader. A. A. TSikra. Ugol' Ukr. 6 no. 9:30-31 S '62.

Present state and prospects of the mechanization of stoping operations in steeply dipping seams. V. I. Chebanov, E. V. Petrenko. Ugol' 37 no. 9 30-33 S '62.

Reached a monthly output of 25,411 tons of coal with the KR-2 cutter loader. N. I. Zolotukha, A. A. Kol'chik. Ugol' 37 no. 9:11-14 S '62.

Ways of obtaining a record-high operative capacity of coal cutter loaders. A. D. Gridin and others Ugol' 37 no. 8:49-56 Ag '62.

COAL MINING MACHINERY—TESTING
Trial operation of cutter loaders in mining with the room-and-pillar method. B. N. Lokhanov and others. Ugol' 37 no. 8 33-35 Ag '62.

COAL PREPARATION
(see also subdivision under Kuznetsk Basin; Rostov Province
Flotation flowsheet of coal middlings which are hard to concentrate. M. G. El'inshevich, I. I Zozulia Izv vys. uch. zav., gor. zhur. 5 no 6 182-187 '62

In the Coordination Council of the All-Union Central Design and Planning Institute for Mine Construction in the Coal Industry. K. K. Kuznetsov, M. G. Braginskii. Ugol' 37 no. 9:58-59 Ag '62.

COAL PREPARATION—STANDARDS
Method for determining the ability of coal to undergo preparation. K. A. Baibekov. Standartizatsiia 26 no. 9:33-34 S '62.

COAL PREPARATION PLANTS
Great attention to the construction of coal preparation plants. I. F. Pokhilok, V. T. Shkirev. Shakht. stroi. 6 no. 10, 1-3 O '62.

COAL PREPARATION PLANTS—EQUIPMENT AND SUPPLIES see subdivision under Armenia; France

COAL TAR
New types of binding material for the briquetting of fuel. I. S. Levin, G. D. Khalampovich. Ugol' 37 no. 9:48-52 S '62.

COAL TRADE
Miners' contribution to Soviet export N Kurapov Vnesh torg 42 no 8 22 '62

COATS
Permeability to air of a double-layer sleeve in a specific case. L. A. Koles Nauch trudy MTILP no 23 150-154 '61

COAXIAL CABLES
Frolov, P. A. [Small coaxial communication cables] Malogabaritnye koaksial'nye kabeli sviazi. Moskva, Sviaz'izdat, 1962 70 p. (Lektsii po tekhnike sviazi)
Graphical method for grouping the factory lengths of cables with consideration of the input impedance of coaxial pairs. A. Pantuchek. Vest. sviazi 22 no. 9:7-8 S '62.

COBALT
Electron paramagnetic resonance of Co^{2+} ions in corundum [with summary in English]. G. M. Zverev, N. G. Petelina. Zhur. eksp. i teor. fiz. 42 no. 5:1186-1190 My '62.

COBALT—SPECTRA
Relative oscillator forces in the spectrum of the Co II ion. P. F. Gruzdev. Opt. i spektr. 13 no. 3:302-307 S '62.

COBALT-ALUMINUM-NICKEL ALLOYS see Aluminum-nickel-cobalt alloys

COBALT COMPOUNDS
Complex compounds of trivalent cobalt with α-benzyldioxime A. V. Ablov, G. P. Syrtsova. Zhur. neorg. khim 7 no. 9:2066-2070 S '62.

COBALT-NICKEL ALLOYS see Nickel-cobalt alloys

COCCIDIOIDOSIS
Case of pulmonary coccidioidomycosis. M. M. Zhislina, L. G. Shamesova. Klin. med. no. 12:92-95 '61.

COENZYMES
Isolation of the coenzyme of vitamin B_{12}. L. IA. Areshkina and others. Dokl. AN SSSR 146 no. 1:207-209 S '62.

COFFERDAMS
(see also subdivision under Chulym River)
Cofferdamming by breaking up the drop. D. L. Melamut, V. A. Silagadze. Gidr. i mel. 14 no. 8 25-30 Ag '62.
Some data concerning hydraulic phenomena in the zone of upstream streamlining of a riverbed cofferdam. V. N. Martensen. Izv. vys. uch. zav., stroi. i arkhit. 5 no. 4: 127-136 '62.

COGNAC see Brandy

COHESION
Effect of the roughness of pavement on its cohesion with tires. V. A. Astrov. Avt. dor 25 no. 9 5-8 S '62.

COINS, ANCIENT see subdivision under Chersonese (City)

COKE
Griaznov, N. S. [Plasticity and the caking of coals] Plastichesknoe sostoianie i spekanie uglei Sverdlovsk, Metallurgizdat, 1962, 191 p.

COKE INDUSTRY
(see also subdivision under Lvov-Volyn' Basin)
Coordinating council on the study of plans for research in the by-product coke industry of the Ukrainian S. S. R. D. K Kotlin. Met i gornorud prom no 3 86 no 3 86 My-Je '62

COKE INDUSTRY—EQUIPMENT AND SUPPLIES
Nepomniashchii, I. L. [Mechanization and automation at coke chemical plants] Mekhanizatsiia i avtomatizatsiia na koksokhimicheskom zavode, Moskva, Metallurgizdat, 1962, 213 p.

COLLAGEN
Eighteenth Bakh Lecture. N. N. D'iachkov. Izv. AN SSSR. Ser. biol. 27 no. 4 650 Jl-Ag '62.

COLLARBONE see Clavicle

COLLECTIVE FARMS
(see also subdivision under Berezovka District; Cheboksarskiy District, Khorezm Province)
A "collective farm of communist labor." U. Kadyrov, I. Kuzybaev. Part. zhizn' [Uzb.] 5 no. 9:56-58 S '62.
Grigor'ev, V. K [Rights and duties of members of collective farms] Prava i obiazannosti chlenov kolkhoza Moskva, Gos. izd-vo jurid. lit-ry, 1963. 61 p. (Populiarnaia juridicheskaia literatura) (ICU)
Kukushkin, IU. S. [The role of rural soviets in the socialist reorganization of rural areas, 1929-1932, based on the materials of the R. S. F. S. R.] Rol' sel'skikh Sovetov v sotsialisticheskom pereustroistve derevni, 1929-1932 gg., po materialam RSFSR. [Moskva] Izd-vo Mosk. univ., 1962, 154 p.
Man is made for happiness. L. Kafanova. Zdorov'e 8 no. 9:25-26 S '62.
Mertsalov, V. S. [Results of the collectivization of agriculture in the U. S. S. R.] Poslednstviia kollektivizatsii sel'skogo khoziaistva v SSSR. Munich, [Institut zur Erforschung der UdSSR] 1957, 19 p. (Perepechatka iz Vestnika Instituta po izucheniiu SSSR, no. 2(23))
Moscow, Akademiia obshchestvennykh nauk. [Utilization of material and labor resources on collective farms and the improvement of collective farmers' welfare at the present-day stage] Ispol'zovanie material'nykh i trudovykh resursov kolkhozov i povyshenie blagosostoianiia kolkhoznikov na sovremennom etape. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1962, 402 p.

COLLECTIVE FARMS—ACCOUNTING
(see also subdivision under Lugansk Province)
"Accounting for expenditures and the analysis of production costs on a collective farm" by N. A. IAshchuk. Reviewed by O. Buhuts'kyi, L. Domasevych. Ekon. Rad. Ukr., no. 9:122-124 S-O '62.
Accounting for labor and wages on collective farms. N. Khmelev. Vest. stat. no. 9 76-83 '62.
Introduction of the business accounting system is the most urgent task of collective farms. V. A. Andreev. Uch. zap. ChNII no. 21:19-36 '62.

COLLECTIVE FARMS—AUDITING AND INSPECTION see subdivision under Artemovsk District

COLLECTIVE FARMS—COMMUNICATION SYSTEMS
Harness all hidden potentials in providing better service to state and collective farm administration centers. I. IA. Pachkaev. Vest. sviazi 22 no. 9:18-20 S '62.
Spare no effort in the development of telephone intercommunication systems in collective and state farms. F. N. Bratanovskii. Vest. sviazi 22 no. 9:17-18 S '62.

COLLECTIVE FARMS—COSTS
(see also subdivision under Moscow Province)
"Costs and the profitableness of collective farm production," edited by I. A. Borodin. Reviewed by S. Semin. Vop. ekon. no. 9:116-119 S '62.
Studenkova, N. M. [Costs and the profitableness of collective farm production] Sebestoimost' produktsii i rentabel'nost' kolkhoznogo proizvodstva. Moskva, Ekonomizdat, 1962, 83 p. (Ekonomicheskoe samoobrazovanie)

COLLECTIVE FARMS—FINANCE see subdivision under Telenesht District

COLLECTIVE FARMS—INCOME DISTRIBUTION
(see also subdivision under Kirghizistan)

Legal characteristics of bonuses paid to collective farmers. O. S. Kolbasov. Sov. gos. i pravo 32 no. 10 77-86 O '62.

Ul'ianov, I. P. [Wages on a collective farm] Oplata truda v kolkhoze. Moskva, Izd-vo "Znanie," 1962. 42 p. (Narodnyi universitet kul'tury. Sel'skokhoziaistvennyi fakul'tet, no. 9)

COLLECTIVE FARMS—INTERFARM COOPERATION

The best people of the interfarm building organization. I. A. Bondar. Stroi. bud. 12 no. 8 6. Ag '62.

Highly productive plant. I. A. Zhornyts'kyi. Stroi. bud. 12 no. 8 7-8. Ag '62.

Mikhailiuk, T. P. comp. [Communist mutual assistance in rural areas] Kommunisticheskaia vzaimo-pomoshch' na sele. Moskva, Sel'khozizdat, 1962. 200 p.

We provide collective farms with high-quality buildings. O. Shyshchuk. Stroi. bud. 12 no. 8, 3-4. Ag '62.

COLLECTIVE FARMS—LAWS AND LEGISLATION

Legal aid to collective farms should be improved. I. Il'inskaia, L. Lesnitskaia. Sov. iust. no. 19 4-5 O '62.

Legal problems concerning the use and repair of agricultural equipment on collective farms. B. Liskovets. Sov. iust. no. 18 8-10 S '62.

COLLECTIVE FARMS—VALUATION see subdivision under Ukraine

COLLEGE AND SCHOOL DRAMA
(see also subdivision under Moscow)

And beauty comes to you. E. Krechetova. Nar. obr. no. 8 88-93 Ag '62.

COLLISIONS (NUCLEAR PHYSICS)

Inelastic collisions of light atoms in the adiabatic approximation [with summary in English]. B. M. Smirnov. Zhur. eksp. i teor. fiz. 43 no. 1 112-116 Jl '62.

On $\pi\pi$-interactions in π- p-collisions at an energy of 7.2 Bev. M. S. Almutdinov and others. Zhur. eksp. i teor. fiz. 42 no. 5:1413-1415 My '62.

Particle generation at very high energies. V. S. Barashenkov, V. M. Mal'tsev. Atom. energ. 13 no. 3:221-227 S '62.

Production of light nuclei in bombarding heavy elements with 660 Mev. protons [with summary in English]. A. K. Lavrukhina and others. Zhur. eksp. i teor. fiz. 43 no. 1:3-7 Jl '62.

Recombination of electrons in a monoatomic gas [with summary in English]. L. P. Pitaevskii. Zhur. eksp. i teor. fiz. 42 no. 5:1326-1329 My '62.

Role of the bipion in π-meson production in nucleon-nucleon collisions [with summary in English]. L. L. Nemenov, L. D. Solov'ev, D. I. Khomakii. Zhur. eksp. i teor. fiz. 42 no. 5:1283-1284 My '62.

Theory of neutron transfer in nuclear collisions [with summary in English]. T. L. Akelishvili. Zhur. eksp. i teor. fiz. 13 no. 1:81-83 Jl '62.

COLOMBIA—YOUTH

Fascist intrigues in Colombia. Mol. mira no. 7:7 '61.

COLON (ANATOMY)—ABNORMITIES AND DEFORMITIES

Clinical aspects of Hirschsprung's disease. G. S. Tikhonovich, S. P. Markin. Terap. arkh. no. 6:56-60 '62.

Dolichocolon in the clinic for internal diseases. S. A. Ilikov. Zdravookhranenie 5 no. 4:43-48 Jl-Ag '62.

COLON (ANATOMY)—CANCER

Materials on a method for the X-ray study of cancer of the cecum and ascending colon [with summary in English]. L. P. Simbirtseva. Trudy Inst. onk. AMN SSSR no. 4:58-72 '62.

Present-day possibilities for the diagnosis and treatment of cancer of the rectum and distal segment of the sigmoid. S. A. Kholdin. Klin. med. 40 no. 6:16-20 Je '62.

COLON (ANATOMY)—TUMORS

Submucosal lipoma of the sigmoid intestine complicated by invagination. V. M. Surin, V. S. Porosenkov. Klin. khir. no. 7:75-76 Jl '62.

COLONIES

Jackson, Barbara (Ward). [Five ideas that change the world. Translated from the English] P'iat' idei, iaki zminiiiut' svit. New York, Ukrainian Student Press, 1960. 145 p.
(InU)

COLOR CENTERS

Coloring of light-sensitive glass by X radiation. V. A. Borgman, V. G. Chistosердov. Opt. i spektr. 13 no. 3: 421-424 S '62.

COLOR OF FLOWERS

Dependence of the seed yieldon the color of flowers. N. I. Maliutin. Bot. zhur. 47 no. 7:1045-1046 Jl '62.

COLOR OF INSECTS

Adaptive color and behavior of insects. N. N. Drozdov. Priroda 51 no. 9:109-111 S '62.

COLOR OF LEAVES

Fall colors of leaves as indices of carbohydrate balance in the grapevine [with summary in French]. A. G. Amirdzhanov. Izv. TSKHA no. 3:224-227 '62.

COLOR PRINTING

Electric engraving method of preparing the make-ready. E. K. Belozerov, F. I. Gut, V. V. Balashova. Poligr. proizv. no. 8:18 S '62.

COLOR TELEVISION

Change in the signal to noise ratio in the image with electronic masking of color television motion picture films. N. G. Dertugin. Elektrosviaz' 16 no. 9:42-52 S '62.

Characteristics of color television transmitters. A. M. Lokshin. Elektrosviaz' 16 no. 8:32-40 Ag '62.

Control of the level of the video signal in color television stations. N. A. Bagan.hilev, P. M. Kopylov, V. A. Morozov. Elektrosviaz' 16 no. 9 70-72 S '62.

Principal problems concerning the standardization of color television broadcasting systems with quadrature modulation. S. V. Novakovskii. Elektrosviaz' 16 no. 10 9-20 O '62.

COLOR TELEVISION—RECEIVERS AND RECEPTION

The "Raduga" color television set, TsT-2 model (with summary in English on p. 96). R. G. Britanishskii, A. M. Nepomnishchii, N. V. Petrovskii. Tekh. kino i telev. 6 no. 10:51-58 O '62.

COLORED GLASS see Glass, Colored

COLORIMETRY

Simplified method for the colorimetry of carotene extracts in determining the carotene content of feeds. A. M. Yvanets. Visnyk sil'hosp. nauky 5 no. 8:119-120 Ag '62.

COMA

Case of hormone therapy of adrenal gland coma. I. A. Kots. Kaz. med. zhur. no. 3 52-53 My-Je '62.

COMBINES (AGRICULTURAL MACHINERY)
(see also subdivision under Rostov-on-Don)

Automatic control of the working process of the SK-3 combine [with summary in English]. A. I. Sturis. Izv. TSKHA no. 3, 116-124 '62.

Effect of grain moisture on its mechanical damage during combine harvesting. A. N. Pugachev. Vest. sel'khoz. nauki 7 no. 8 89-91 Ag '62.

Effect of the feeding system on the work of the threshing unit [with summary in English]. V. A. Sakun. Izv. TSKHA no. 2 227-231 '62.

Izakson, Kh. I. [Self-propelled SK-3 and SK-4 combines] Samokhodnye kombainy SK-3 i SK-4. Izd. 2., perer. i dop. Moskva, Sel'khozizdat, 1962. 342 p.
(DNAL)

COMBINES (AGRICULTURAL MACHINERY)—TESTING

Controlling the quality of operating agricultural combines. M. D. Kalennikov. Standartizatsiia 26 no. 9:26 S '62.

COMBUSTION

Burning of condensed mixtures with nonvolatile and undecomposable combustibles under elevated pressure. A. F. Belinov, S. A. Tsyganov. Dokl. AN SSSR 146 no. 2 383-386 S '62.

Investigating the effect of pressure on the length of the combustion zone in a closed turbulent flow of a uniform mixture. V. M. Dimolaev, A. V. Talantov. Izv. vys. ucheb. zav., aviav. tekh. 5 no. 3:143-156 '62.

Ionization in spherical flames by the method of probe characteristics. E. S. Semenov, A. S. Sokolik. Zhur. tekh. fiz. 32 no. 9:1071-1083 S '62.

Lavrov, N. V., and A. P. Shurygin. [Introduction to the theory of combustion and fuel gasification] Vvedenie v teoriiu goreniia i gazifikatsii topliva. Moskva, Izd-vo Akad. nauk SSSR, 1962. 214 p.

Propagation of the chemical reaction zone in acetylene in large diameter pipes. S. M. Kogarko and others. Khim. prom. no. 7:496-501 Jl '62.

COMBUSTION GASES

Effect of the gaseous phase on the firing of magnesite (composition of fuel combustion products). I. A. Ivanov. Ogneupory 27 no. 10:472-476 '62.

COMENIUS, JOHANN AMOS, 1592-1670

J. A. Comenius and I. IA. Iakovlev, comparative pedagogical analysis. G. N. Volkov. Uch. zap. ChNII no. 21: 128-141 '62.

COMETS—ORBITS

Differential method for accounting for various influences in investigating the planetocentric motion of comets (with summary in French). E. I. Kazimirchak-Polonskaia. Biul. Inst. teor. astron. 8 no. 7:487-511 '62.

Using the method of numerical integration in singular rectangular coordinates in investigating the planetocentric motion of comets [with summary in French]. E. I. Kazimirchak-Polonskaia. Biul. Inst. teor. astron. 8 no. 7:469-486 '62.

COMMERCE

Struggle of principal capitalist states for the markets of underdeveloped countries. A. I. Kochetkov. Uch. zap. MGPI 173:139-222 '61.

COMMERCE—HYGIENIC ASPECTS

Stataenko, G. P., and M. I. Fatzulin, comps. [Industrial hygiene and accident prevention in the organizations and enterprises of state commerce and public dining] Okhrana truda i tekhnika bezopasnosti v organizatsiiakh i predpriiatiiakh gosudarstvennoi torgovli i obshchestvennogo pitaniia, sbornik materialov. Moskva, Gostorgizdat, 1962. 311 p.

COMMERCIAL AGENTS

Granting the right to sign foreign trade transactions. Vnesh. torg. 12 no. 8 50-51 '62.

Granting the right to sign foreign trade transactions. Vnesh. torg. 12 no. 9 52-54 '62.

COMMERCIAL LAW

Ancillary actions relating to foreign trade. D. M. Genkin. Sov. gos. i pravo 32 no. 10 118-120 O '62.

COMMERCIAL PRODUCTS

[New consumer goods; information bulletin] Nov. tov., inform. biul. no. 10 '62.

COMMONWEALTH OF NATIONS

The unstable commonwealth. S. Madrojewski. Nov. vrem. 20 no. 10, 9-11 O '62.

COMMUNICABLE DISEASES

Morphologic condition of liver in some infectious diseases. M. A. Churinin. Izv. AN Turk. SSR, Ser. biol. nauk no. 4 69-75 '62.

COMMUNISM
(see also subdivision under Cuba)

Anticommunism is a weapon of the doomed. V. V. Mshvenieradze. Vop. filos. 16 no. 9:51-62 '62.

A book on scientific ideology. A. Sertsova, G. Karpov. Kommunist 39 no. 15:87-98 O '62.

Buiatskii, F. M. [Socialism and world progress] Sotsializm i mirovoi progress. Moskva, Izd-vo "Znanie," 1962. 31 p. (Novoe v zhizni, nauke, tekhnike. I Seriia: Istoriia, no. 15)

Carrying out of a public review on the fulfillment of research plans and use of scientific and technical achievements in the national economy. Elektrichestvo no. 9, 94-95 S '62.

Communism, a society with full social equality. E. V. Popov. Izv. AN Turk. SSR, Ser. obshchestv. nauk no. 3:3-17 '62.

Communism is our bright future. N. Atamanchenko. Kommunist 38 no. 15:103 O '62.

The concept of science and the building of a communist society. P. I. Sivokon'. Vest. Mosk. un. Ser. 8 Ekon., filos. 17 no. 5 43-53 S-O '62.

Conflicts in socialist societies. G. M. Shirokov. Vest. Mosk. un. Ser. 8 Ekon., filos. 17 no. 5, 31-42 S-O '62.

The development of communist social relations. V. Pinkovskii. Kommunist 38 no. 15:22-35 O '62.

Dialectics of the base and superstructure during the period of the building of communism [with summary in English]. V. P. Rozhin. Vest. LGU 17 no. 17:47-59 '62.

Distortion of source materials by West German bourgeois historians. V. I. Salov. Vop. ist. KPSS 6 no. 5 167-176 '62.

For a more thorough interpretation of general principles. M. Kukushkin. Kommunist 38 no. 15:100 O '62.

Furmanov, G. L. [How V. I. Lenin developed historical materialism on the basis of the experience of the October Revolution and the building of socialism in the U. S. S. R.] Razvitie V. I. Leninym istoricheskogo materializma na osnove obobshchenila opyta Oktiabr'skoi revoliutsii i stroitel'stva sotsializma v SSSR. [Moskva] Izd-vo Mosk. univ., 1962. 484 p.

Golovanov, IA. K., and V. V. Orlov. [Great figures of a great plan] Velikie liudi velikogo plana. Moskva, Sovetskaia Rossiia, 1962. 62 p.

Humanity of communist ideology. N. Tovkach. Komm. Ukr. 38 no. 9:34-42 S '62.

The ideals of our age. Sovremennik. Nov. vrem. 20 no. 41:4-6 O '62.

Kerimov, D. A., ed. [Democracy and communism; problems of the communist theory of democracy] Demokratiia i kommunizm; voprosy kommunisticheskoi teorii demokratii. Moskva, Gosizdat, 1962. 270 p.

Koval'chuk, A. S. [Special features of the leap from socialism to communism] Kharakter skachka ot sotsializma k kommunizmu. Moskva, Izd-vo "Znanie," 1962. 30 p. (Novoe v zhizni, nauke, tekhnike. II Seriia. Filosofiia, no. 17)

Light of the Great October Revolution. Part. zhizn' no. 20:3-7 O '62.

Lokshin, E. IU. [Main economic problem of the party and the people] Glavnaia ekonomicheskaia zadacha partii i naroda. Moskva, Izd-vo "Znanie," 1962. 30 p. (Novoe v zhizni, nauke, tekhnike. III Seriia. Ekonomika, no. 16)

Marxism-Leninism is a harmonious theory. G. Alekseev and others. Kommunist 39 no. 15:90-97 O '62.

Militant banner of creative Marxism-Leninism. Kommunist 39 no. 16:3-12 N '62.

The new triumph of Soviet science and technology. Radio no. 9:1 S '62.

Olzerman, T. I. [The early history of Marxist philosophy] Formirovanie filosofii marksizma. Moskva, Sotsekgiz, 1962. 549 p.

COMMUNISM (Continued)

Pavlov, P. M. [Money during the period of the building of communism] Den'gi v period stroitel'stva kommunizma. Moskva, Gosfinizdat, 1962. 114 p.

Present-day phase of the building of communism and some current problems of philosophical theory. M. T. Iovchuk, L. V. Shvartsev. Nauch. dokl. vys. shkoly, filos. nauki 5 no. 3:4-21 '62.

Role and objectives of the "Basic principles of scientific communism" course for the institutions of higher education. L. N. Kogan. Nauch. dokl. vys. shkoly, filos. nauki 5 no. 3, 102-108 '62.

Scientific principles of guiding the development of human societies. L. Il'ichev. Kommunist 39 no. 16 13-38 N '62.

Shevelev, A. G. [International duty of the Communist Party and the Soviet people] Internatsional'nyi dolg partii i naroda. [Leningrad] Lenizdat, 1962. 54 p. (Besedy o moral'nom kodekse)

Some suggestions. G. Suglobov. Kommunist 39 no. 15: 99-100 O '62.

Terjaev, G. V. [Two phases of communist society and the general laws governing the transition from socialism to communism, on general laws governing communist formation] Dve fazy kommunisticheskogo obshchestva i zakonomernosti pererastaniia sotsializma v kommunizm, k voprosu o zakonomernostiakh stanovleniia kommunisticheskoi formatsii. Moskva, Izd-vo VPSh i AON, 1962. 185 p.

There should be more examples and facts. V. Kriuchkova. Kommunist 39 no. 15:109 O '62.

COMMUNISM—BIBLIOGRAPHY see Bibliography—Communism

COMMUNISM AND ART

Lofty mission. Iskusstvo 25 no. 7:2-5 '62.

Rappoport, S. Kh. [Build a world according to the laws of beauty] Tvorit' mir po zakonam krasoty. Moskva, Sovetskii kompozitor, 1962. 133 p. (Voprosy muzykal'noi estetiki)

COMMUNISM AND LITERATURE

Bochkov, V. I. [The party and literature] Partiia i literatura. Kyiv, Derzh. vyd-vo khudozh. lit-ry, 1960. 161 p.
(CaOTU)

"Lenin and problems of literature" by V. R. Shcherbina. Reviewed by A. B. Kogan. Rad. lit. 6 no. 5:111-113 S-O '62.

Literature of great humanism. Rad. lit. 6 no. 5:3-7 S-O '62.

Trifonova, T. K. [Soviet literature of the 1930's] Sovetskaia literatura 30-kh godov. Moskva, Izd-vo "Znanie," 1962. 30 p. (Narodnyi universitet kul'tury; Fakul'tet literatury i iskusstva, no. 8)

COMMUNISM AND RELIGION

Communism and religion are incompatible. V. Davydovych. Volov. ateist no. 12:9-12 D '61.

COMMUNISM AND SCIENCE

Communism and science. M. N. Rutkevich. Nauch. dokl. vys. shkoly; filos. nauki 5 no. 3:30-40 '62.

Fatallov, Kh. M. [Marxism-Leninism and the natural sciences] Marksizm-leninizm i estestvoznanie. Red. kollegiia; K. A. Novosel'tsev, Iu. F. Safonov, i P. E. Slovkon'. [Moskva] Izd-vo Mosk. univ., 1962. 351 p.

COMMUNISM AND SOCIETY

Zazerskii, E. IA., comp. [Power of social influence] Sila obshchestvennogo vozdeistviia. [Leningrad] Lenizdat, 1960. 115 p.
(WU)

COMMUNIST COUNTRIES—ECONOMIC CONDITIONS

Illuminating the differences in the economic development of the countries of the socialist camp. M. N. Os'mova. Vest. Mosk. un. Ser. 6 Ekon., filos. 17 no. 5 3-16 S-O '62.

"Socialist camp"; concise political and economic handbook with illustrations, edited by L. N. Tolkunov. Reviewed by I. Stoklov. Sots. trud 7 no. 9:154-156 S '62.

COMMUNIST COUNTRIES—FOREIGN ECONOMIC RELATIONS

Current problems of the development of the world socialist system. N. S. Khrushchev. Komm. Ukr. 38 no. 9: 3-25 S '62.

Ivanov, N. I. [Economic cooperation and the mutual help of socialist countries] Ekonomicheskoe sotrudnichestvo i vzaimopomoshch' stran sotsializma. Moskva, Sotsekgiz, 1962. 321 p.

Planned economy. Polit. samoobr. 8 no. 9:130-136 S '62.

Urgent problems of the development of the world socialist system. N. S. Khrushchev. Komm. Uz. 34 no. 9: 3-27 S '62.

COMMUNIST COUNTRIES—HANDBOOKS, MANUALS, ETC.

"The socialist camp." Reviewed by T. Bulba. Polit. samoobr. 8 no. 9:148-151 S '62.

COMMUNIST EDUCATION
(see also subdivision under Karaganda, Kazakhstan; Leningrad; Uzbekistan, Vasilcostrovskiy District; White Russia)

Activities of the ideological commission. M. Potanin, I. Zapadnov. Polit. samoobr. 8 no. 9:70-73 S '62.

"Communist education." Reviewed by E. Strukov. Polit. samoobr. 8 no. 9:113-117 S '62.

"Communist education." Reviewed by R. Samsonov. Part. zhizn' no. 19:73-75 O '62.

Communist Youth League and schools. Nar. obr. no. 8 1-6 Ag '62.

[Course outline on problems of methodology for evening universities of marxism-leninism] Programma po voprosam metodiki dlia vechernikh universitetov marksizma-leninizma. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1962. 7 p.

Creative discussion is better than a rote study. I. Tuzhilkin. Kommunist 39 no. 15:105-106 O '62.

The education of young Communists should be our main consideration. V. Vashunin, Kh. Nazirov. Part. zhizn' [Uzb.] 5 no. 9:52-55 S '62.

Forming a point of view is also a task of the departments of general studies. I. S. Dashnits, IA. M. Golfer, O. I. Halabekian. Vest. vys. shkoly 20 no. 9:18-23 S '62.

Ideological riches of man. A. Osipov. Nar. obr. no. 10: 9-11 O '62.

Ideological work must be the center of attention of party committees. G. Popov. Polit. samoobr. 8 no. 9:55-62 S '62.

Materials of the 22nd Congress of our party must be studied intensively and thoroughly. V. Snastin. Polit. samoobr. 8 no. 9:15-21 S '62.

Methods which ensure success. V. Shalukha. Nar. asv no. 9 50-54 S '62.

Moscow. Akademiia obshchestvennykh nauk. [Program on the fundamentals of communist education, for groups, seminars and individual plan students within the system of party education] Programma po osnovam kommunisticheskogo vospitaniia, dlia kruzhkov, seminarov i zanimaiushchikhsia po individual'nym planam v sisteme partiinogo prosveshcheniia. Moskva, Gospolitizdat, 19 1962. 29 p.

Nosov, F. V. [The new man is being formed today] Novyi chelovek formiruetsia segodnia. [Leningrad] Lenizdat, 1962. 82 p.

Objectives for the next schoolyear. I. A. Zelenkov, F. N. Maloivan, K. D. Ignat'ev. Vop. ist. KPSS 6 no. 5:235-236 '62.

Perspective plan for the training of propagandists. F. Krotov. Polit. samoobr. 8 no. 9:62-64 S '62.

Political education is an important part of ideological work. Part. zhizn' [Uzb.] 5 no. 9:9-15 S '62.

Refinement of oral speech and political information. A. N. Chukalin. Rus. iaz. v shkole 23 no. 4:47-50 Jl-Ag '62.

Seminar as a school for the political training of students. P. A. Kovchegov, IA. Kh. Abramov, S. N. Titov. Vest. vys. shkoly 20 no. 8 57-66 Ag '62.

Study of the party program helps to form the communist philosophy. N. F. Melnichenko. Vest. vys. shkoly 20 no. 8 54-56 Ag '62.

Terekhov, M. M., comp. [Chrestomathy for outside reading; evening sessions on history] Khrestomatiia po vneklassnoi rabote, shkol'nye istoricheskie vechera. Posobie dlia uchitelia. Moskva, Uchpedgiz, 1960. 433 p.
(CLU)

Textbooks, programs, and visual aids for political education. Part. zhizn' [Uzb.] 5 no. 9:14-17 S '62.

We should raise the ideological standard and effectiveness of political education. Komm. Ukr. 38 no. 9:28-33 S '62.

Work of the departments of social sciences. B. V. Gnedikh, E. I. Mortsev, S. T. Kaltakhchian. Vest. vys. shkoly 20 no. 9:56-06 S '62.

COMMUNIST ETHICS

[Forming the moral character of the Soviet worker; based on materials of the Dinamo Factory] Formirovanie moral'nogo oblika sovetskogo rabochego, po materialam zavoda Dinamo imeni S. M. Kirova. [Moskva] Profizdat, 1961. 110 p.
(MU)

Gorelik, I. R. [Be always honest and truthful] Vo vsem byt' chestnym i pravdivym. [Leningrad] Lenizdat, 1962. 34 p. (Besedy o moral'nom kodekse)

Inculcating the moral rules and principles of the builders of communism in children. F. Karotkina. Nar. asv. no. 9 7-12 S '62.

Kelle, V. Zh. [Communism and humanity; communist ideology is the most humane ideology] Kommunizm i gumanizm; kommunisticheskaia ideologiia - samaia gumannaia ideologiia. Moskva, Izd-vo "Znanie," 1962. 47 p. (Novoe v zhizni, nauke, tekhnike. II Seriia. Filosofiia, no. 10)

Konov, A. N. [Personal convictions of a teenager; converting the principles of communist morals into profound convictions] Lichnye ubezhdeniia podrostka; prevrashchenie printsipov kommunisticheskoi morali v glubokie ubezhdeniia. Moskva, Izd-vo "Znanie," 1962. 44 p. (Novoe v zhizni, nauke, tekhnike. XI Seriia: Pedagogika, no. 10)

Kosolapov, S. M., and O. N. Krutova. [Moral principles of a builder of communism] Nravstvennye printsipy stroitelia kommunizma. [Moskva] Mosk. rabochii, 1962. 80 p.

Kubarev, A. A. [Responsible for everything] Za vse v otvete. [Moskva] Mosk. rabochii, 1962. 28 p. (Besedy o nravstvennosti)

Men'shikov, A. S., comp. [Work ennobles and glorifies men] Chelovek krasiv i slaven trudom. Moskva, Gospolitizdat, 1962. 110 p. (Moral'nyi kodeks stroitelia kommunizma)

The nature of communist consciousness. V. Kuznetskii. Otv. na vop. trud. no. 6:2-9 Je '62

Siniutin, V. I. [Conduct in the group] Povedenie v kollektive. [Leningrad] Lenizdat, 1962. 44 p. (Vospitaem cheloveka budushchego)

Theses of the Central Control Committee of the Russian Communist Party (Bolshevik) on party ethics, 1921. I. M. Moskalenko. Vop. ist. KPSS 6 no. 5 151-155 '62.

"The values of life and culture" by V. P. Tugarinov. Reviewed by V. S. Shtein. Nauch. dokl. vys. shkoly; filos. nauki 5 no. 3 118-120 '62.

[You will become a Communist] Ty budesh' kommunistom; sbornik. [Moskva] Molodaia gvardiia, 1962. 245 p.

COMMUNIST PARTIES
(see also subdivision under Asia, Southeastern; Europe, Western)

Articles devoted to the history of Communist parties published outside the U. S. S. R. Vop. ist. KPSS 6 no. 5 221-222 '62.

COMMUNIST PARTIES—BIBLIOGRAPHY see Bibliography—Communist parties

COMMUNIST PARTY see subdivision under Estonia, United States, Uruguay

COMMUNIST PARTY OF THE SOVIET UNION
(see also subdivision under Chuvashia, Ivanovo Province; Kuybyshev Province, Shakhty, Tambov Province, Ukraine; White Russia)

Brief news. Vop. ist. KPSS 6 no. 5, 236-239 '62.

Business-like methods and specificity. Part. zhizn' no. 19:68-72 O '62.

History of the CPSU is the most important branch of social sciences. L. A. Slepov. Vop. ist. KPSS 6 no. 5, 126-134 '62.

Moscow. Akademiia obshchestvennykh nauk. [Course outline on the history of the CPSU for groups, seminars and individual students within the party education system] Programma po izucheniiu istorii KPSS dlia kruzhkov, seminarov i zanimaiushchikhsia po individual'nym planam v sisteme partiinogo prosveshcheniia. Moskva, Gospolitizdat, 1962. 53 p.

The most important principle of party life. P. Radionov. Kommunist 39 no. 15:71-80 O '62.

The party during the prewar period, 1937 - June 1941. A. S. Smirnov. Vop. ist. KPSS 6 no. 5:134-141 '62.

The party is always with the Soviet people. I. Alekseivich. Belarus' 19 no. 8:6 Ag '62.

Payment of party dues. Komm. Vooruzh. Sil 3 no. 19 81-84 O '62.

Periodization of the history of the party after the October Revolution. A. Kuchkin. Polit. samoobr. 8 no. 9:35-45 S '62.

A problem of the utmost importance. I. S. Smirnov. Vop. ist. KPSS 6 no. 5, 160-166 '62.

Program of studies of the bases of the domestic and foreign policies of the Communist Party of the Soviet Union. Polit. samoobr. 8 no. 9:130-135 S '62.

[Program of the Communist Party of the Soviet Union] Programa Komunisticheskoi partii Radians'koho Soiuzu. Kyiv, Derzh. vyd-vo polit. lit-ry URSR, 1961. 125 p.
(DC)

Report and election conferences of party members. Part. zhizn' no. 20 30-39 O '62.

Russia (1923- U.S.S.R.) Upravlenie prepodavaniia obshchestvennykh nauk. [Outline for the course "History of the CPSU" for institutions of higher learning of the U. S. S. R.] Programma kursa "Istoriia KPSS" dlia vysshikh uchebnykh zavedenii SSSR (na 220 chasov). Moskva, Sotsekgiz, 1962. 63 p.

Russia (1923- U. S. S. R.) Upravlenie prepodavaniia obshchestvennykh nauk. [Topics for test papers on the history of the CPSU; for the specialized secondary correspondence schools of the U. S. S. R.] Tematika kontrol'nykh rabot po istorii KPSS; dlia zaochnykh srednikh spetsial'nykh uchebnykh zavedenii SSSR. Moskva, Gospolitizdat, 1962. 19 p.

Struggle of the party for the development of the socialist revolution and the consolidation of Soviet rule, from October 1917 to 1918; methodological advice for propagandists. Komm. Ukr. 38 no. 9:72-75 S '62.

A textbook on the sources for the history of the CPSU. M. A. Perezhogin, I. F. Ugarov. Vop. ist. KPSS 6 no. 5 156-159 '62.

Trusty vanguard of the Soviet people. A. Dubinin. Part. zhizn' no. 20 6-15 O '62

Verkhovtsev, I. P. [Leninist rules of party life] Leninskie normy partiinoi zhizni. Moskva, Gospolitizdat, 1962. 46 p. (Konsul'tatsii po istorii KPSS)

COMMUNIST PARTY OF THE SOVIET UNION—BIBLIOGRAPHY see Bibliography—Communist Party of the Soviet Union

COMMUNIST PARTY OF THE SOVIET UNION—CONGRESSES

Biakov, V. F. [Seventeenth Congress of the Communist Party of the Ukraine] Simnadtsiatyi z'izd KP(b)U. Kyiv, Derzh. vyd-vo polit. lit-ry, 1961. 153 p. (Z'izdy i konferentsii Komunistychnoi partii Ukrainy)
(CSt-H)

COMMUNIST PARTY OF THE SOVIET UNION — CONGRESSES (Continued)

A historic landmark, anniversary of the 22d Congress of the CPSU. V. Zagladin. Nov. vrem. 20 no.43:1-7 O '62.

[Lenin is with us, delegates to the 22d Congress of the CPSU tell their stories] S nami Lenin, rasskazy delegatov XXII s"ezda KPSS. [Leningrad] Lenizdat, 1962. 81 p.

Let us promote materials of the 22d Congress of the Party. N. Kuznetsova. Bibliotekar' no.10:5-6 O '62.

COMMUNIST PARTY OF THE SOVIET UNION—HANDBOOKS, MANUALS, ETC.

[Propagandist's and agitator's notebook] Zapisnaia knizhka propagandista i agitatora. Kiev, Gospolitizdat USSR, 1962. 447 p.

COMMUNIST PARTY OF THE SOVIET UNION—MEMBERSHIP

Incorrect methods. M. Eliseev. Part. zhizn' no.20:15 O '62.

COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK
(see also subdivision under East Kazakhstan Province, Estonia; Ingichki; Kaluga, Karaganda Province, Kazakhstan, Kharkov Province, Kobrin District, Kursk, Leningrad; Moscow Province, Nukus; Tashkent, Uzbekistan)

Belogolovtsev, A. F., and E. IA. Zazerskii. [Carrying out the historical resolutions of the party; experiences of some party organizations in carrying out the resolutions of the 20th and 21st congresses of the CPSU] Voploshchenie v zhizn' istoricheskikh reshenii partii, iz opyta raboty nekotorykh partorganizatsii po vypolneniiu reshenii XX i XXI s"ezdov KPSS. Leningrad, Obvo po raspr. polit. i nauchn. znanii RSFSR, 1962. 136 p.

A big-hearted man. A. Shkarubo. Agitator no.20:57-59 O '62.

Bring the work to an end. G. Kolpashnikov. Part. zhizn' no.19:48-51 O '62.

Efficient work is the most important condition. V. Simarzin. Kommunist 39 no.15:104-105 O '62.

Emotion is an important feature of propagandist mastery. I. Rotin. Polit. samoobr. 6 no.9:121-129 S '62.

Genis, N. N. [The propagandist and his audience; essays on the art of propaganda] Propagandist i slushatel'; ocherki o masterstve propagandista. [Moskva] Mosk. rabochii, 1962. 110 p.

In the Department of Propaganda and Agitation of the Central Committee of the CPSU. Polit. samoobr. 6 no.9:77-78 S '62.

Inspiring words are our sharp weapon. A. Tolmachev. Kommunist 39 no.15:108 O '62.

[Marching ahead; on Communists and party work] Idushchie vperedi, o kommunistakh i partiinoi rabote. [Vatup, stat'ia i obshchaia red. N. V. Kozlova. Magadan] Magadanskoe knizhnoe izd-vo, 1961. 178 p. (CSt-H)

Materials of the 22nd Congress of our party must be studied intensively and thoroughly. V. Snastin. Polit. samoobr. 6 no.9:15-24 S '62.

Party news. Part. zhizn' no.19:79-80 O '62.

Party news. Part. zhizn' no.20:79-80 O '62.

Poetry in party work. N. Gladyshev. Sov. pech. no.9: 25-26 S '62.

Polushkin, A. A., and L. P. Turkin. [Propaganda brigades in cities and rural areas] Agitbrigada v gorode i na sele. [Moskva] Mosk. rabochii, 1962. 61 p.

The pressing problem of our time. K. Sultanov. Part. zhizn' [Uzb.] 5 no.9:48-51 S '62.

Teacher of our young employees. V. Kopytova. Part. zhizn' [Uzb.] 5 no.9:91-92 S '62.

The training of propagandists. M. Kurtianov. Agitator no.20:47-50 O '62.

We have improved our guidance of industry. T. Malakhova. Part. zhizn' [Uzb.] 5 no.9:35-39 S '62.

We should combine organizational work with ideological training. A. A. Pratskii. Vop. ist. KPSS 6 no. 5:232-234 '62

What the audience expects from a propagandist. M. Mikhailov. Kommunist 39 no.15:106-107 O '62.

[With concern for our good name] V zabote o dobroi slave. [Moskva] Mosk. rabochii, 1962. 157 p.

COMMUNIST PARTY OF THE SOVIET UNION—PERIODICALS

From the materials of "Partiinaia zhizn'." Part. zhizn' no.19:78 O '62.

COMMUNIST REVISIONISM

Belieava, Z. N., and V. A. Budarin. [Criticism of contemporary bourgeois, reformist and revisionist economic theories] Kritika sovremennykh burzhuaznykh, reformistskikh i revizionistskikh ekonomicheskikh teorii. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1962. 86 p.

Vaganskii, G. S. [Development of Marxist philosophy by V. I. Lenin in his struggle with revisionism, 1907-1913] Razvitie V. I. Leninym marksistskoi filosofii v bor'be s revizionizmom, 1907-1913 gg. Moskva, Vysshaia shkola 1961. 328 p.
(MH) (NNC)

COMMUNIST SELF-CRITICISM

Criticism and self-criticism is a weapon in the struggle for communism. Part. zhizn' no.19:3-7 O '62.

Increase the effectiveness of the Soviet press. Part. zhizn' no.19:33-35 O '62.

COMMUNIST STATE

General principles of the organization of the dictatorship of the proletariat. V. P. Kaliakhchian. Nauch. dokl. vys. shkoly; filos. nauki 5 no.3:41-51 '62.

In the Institute of the State and Law of the Academy of Sciences of the U. S. S. R. A. B. Sov. gos. i pravo 32 no.10:134 O '62

Problems of the state. V. Razin. Kommunist 39 no.15: 101-102 O '62.

Some problems in the theory of the national socialist state. F. M. Burlatskii. Sov. gos. i pravo 32 no.10: 3-14 O '62

COMMUNIST YOUTH LEAGUE
(see also subdivision under Chuvashia, Irkutsk, Kabardino-Balkar A. S. S. R.; Kamensk-Uralsk, Komsomolsk-on-Amur; Kostroma, Krymsk District; Omsk Province, Pavlovsk District, Altai Territory; Ukraine; White Russia)

Activists are discussing the letter of L. Shepetneva. Komsom. zhizn' no.15:16-18 Ag '62.

All ways are open for our youth. IU. Prieteskis. Mol. kommunist no.6:3-7 Je '62.

Always try to light the road. Komsom. zhizn' no.15:2-3 Ag '62.

Communism is the youth of the world. Znam. -otts 37 no.5:1 My '62

Communist Youth League and schools. Nar. obr. no.8: 1-6 Ag '62.

Electoral procedure in Communist Youth League organizations. Komm. Vooruzh. Sil 3 no.19:79-81 O '62.

Helpful comments. Komsom. zhizn' no.15:30-31 Ag '62.

The law of the life of the Communist Youth League. G. Kovalenko, N. Solov'ev. Mol. kommunist no.6:22-33 Je '62.

The Lenin Communist League is a supporter of the Russian Navy. V. Dubakin. Komm. Vooruzh. Sil 3 no.19: 16-20 O '62.

Let's expand the help of the Communist Youth League to evening schools. R. Kurbatova, N. Mikhaev. Vech. sred. shkola 5 no.3:8-14 My-Je '62.

Patronage of the Communist Youth League of the navy. Voen. znan. 38 no.9:40 S '62.

Pay attention to the main thing. N. Smol'chenko. Sov. voin 44 no.19:8 O '62.

Secure the energy of youth for the communist cause. V. Saiushev. Mol. kommunist no.6:8-18 Je '62.

Tribune of the "Communist Youth League Searchlight" movement. Tekh. mol. 30 no.9:2, 3, 14, 15, 16 '62.

We, the young guard. IU. Kotliarov. Mol. kommunist no.6: 83-90 Je '62.

Work practices of the "Communist Youth League Searchlight" movement. V. Golubovskii. Tekh. mol. 30 no.9:1 '62.

COMMUNIST YOUTH LEAGUE—BIBLIOGRAPHY see Bibliography—Communist Youth League

COMMUNIST YOUTH LEAGUE—CONGRESSES

Congress of the young builders of communism. Vech. sred. shkola 5 no.3:3-7 My-Je '62.

Delegate to the 14th Congress of the Communist Youth League. I. I. Vladykin. Rus. iaz. v shkole 23 no.4 10-12 Jl-Ag '62.

COMMUNITY AND SCHOOL
(see also subdivision under Bakaly District; Kirov District, Kaluga Province; Krasnodar Territory, Lugansk Province; Orenburg Province)

Educational work with students at an enterprise. R. Medvedev. Nar. obr. no.8:74-79 Ag '62.

In the Ministry of Education of the R. S. F. S. R. Nach. shkola 30 no.6:94-96 Ag '62

COMMUNITY CENTERS see subdivision under Ardatov (Mordovia), Dzerzhinskiy District (Minsk Province); Moscow Province

COMMUNITY LIFE

Volunteers of the health army. E. Nitslavskaia. Sov. profsoiuzy 18 no.19 36-37 O '62.

COMPASS

Device for eliminating heeling errors. A. G. Razgil'deev. Ryb. prom. no.51:27-31 '59.

Faults in the construction of the compass box of the VM-M ocean current meter. P. F. Shakurov. Meteor. i gidrol. no.10:48-49 O '62.

COMPENSATION, WORKMEN'S see Employers' liability

COMPLEMENT FIXATION

Complement fixation reaction with activin in rickettsiosis. N. M. Balaeva. Lab. delo 8 no.8:41-43 Ag '62.

COMPLEX COMPOUNDS

Certain considerations concerning the effect of outer-sphere cations on complex formation in solutions. V. E. Mironov, V. A. Nazarov. Zhur. neorg. khim. 7 no.9: 1261-1262 '62.

Effect of complex formation on the separation of elements during coprecipitation proceeding in accordance with the logarithmic law. N. B. Mikheev and others. Zhur. neorg. khim. 7 no.9:2267-2270 '62.

Iso and heteropoly compounds and their role in geochemistry. V. A. Moleva. Trudy IGFM no.70:195-207 '61

Synthesis of some 7-substituted 8-hydroxyquinoline-5-sulfonic acids and a physicochemical evaluation of their properties in forming complexes with Si^{+4} and Ca^{+2} ions. D. D. Smolin, L. I. Tikhonova, A. A. Rytova. Zhur. ob. khim. 32 no.6:2118-2123 Ag '62

COMPLEXES

Cylindroid of reference of a linear complex. R. N. Shcherbakov. Izv. vys. ucheb. zav., mat. no.3:177-188 '62

Splitting in Connet's formula. M. Rokeakh. Dokl. AN SSSR 146 no.2:270-273 S '62

COMPLEXONS

Use of a complexon in the extraction process for obtaining rare earth niobium-tantalum concentrates. V. F. Peskevich, P. M. Savchenko. Tr. Kazn., teor., prikl., spets. no.3:112-116 '62.

COMPOSITAE—DISEASES AND PESTS

Plasmopara halstedii (Farl.) Berl. et de Toni as a collective species; basis for taxonomic subdivision of the genus Plasmopara occurring on Compositae [with summary in English]. N. S. Novotel'nova. Bot. zhur. 47 no.7:970-981 Jl '62.

COMPOST
(see also subdivision under White Russia)

Fertilizer factory on a collective farm. V. L. Bulaev. Zemledelie 24 no.6. Ag '62.

COMPOUND E see Cortisone

COMPRESSED AIR

Dokukin, A. V. [Use of compressed air in mining] Primenenie szhatogo vozdukha v gornoi promyshlennosti. Moskva, Gosgortekhizdat, 1962. 347 p.

Efficiency of the various variants for injecting compressed air into the fuel spray and the bath of large open-hearth furnaces. M. IA. Medzhibozhskii and others. Izv. vys. ucheb. zav., chern. met. 5 no.8: 35-43 '62.

COMPRESSORS

Effect of the number of blades on the efficiency of a centrifugal wheel with a single-stage lattice. S. A. Anishimov, L. S. Rekshtin, K. P. Solezhev. Trudy LPI no.221:17-31 '62.

Experimental study of flow structure in the runner of a centrifugal compressor with differing blade profiles. S. N. Shkarbul'. Trudy LPI no.221:47-58 '62.

Some results of the work of constructing pressure transmitters with high angular velocity. IU. B. Galerkin, K. P. Solezhev. Trudy LPI no.221:59-71 '62.

Special features of the glands of screw compressors. S. E. Zakharenko, B. I. Grinpress, P. E. Amosov. Trudy LPI no.221:139-147 '62.

Study of the efficiency of centrifugal compressor wheels with two-stage blade lattices. S. A. Anishimov, L. S. Rekshtin, K. P. Solezhev. Trudy LPI no.221:32-38 '62.

Study of the performance of the wheel of a centrifugal compressor. S. A. Anishimov. Trudy LPI no.221:5-16 '62.

COMPRESSORS—COOLING

High-temperature cooling of the IOGK-1 gas motor compressor. G. V. Mel'nikov and others. Trudy LPI no.221:163-169 '62.

COMPULSORY EDUCATION see Education, Compulsory

CONCEPTION—PREVENTION

Alipov, V. I. [Abortion, its harm and contraceptive agents] Abort, ego vred i protivozachatochnye sredstva. [Leningrad] Medgiz, 1962. 39 p. (Nauchno-populiarnaia meditsinskaia literatura)
(DNLM)

CONCRETE

Concrete impervious to water. V. Kh. Lapsa. Stroi. i arkhit. Len. 24 no.7:30 Jl '62.

Problems of the theory of designing the composition of concrete. B. V. Osin, S. A. Turli. Izv. vys. uch. zav.; stroi. i arkhit. 5 no.4:86-95 '62.

CONCRETE—CORROSION

Increasing the durability of reinforced concrete smokestacks. B. D. Trinkar. Mont. i spets. rab. v stroi. 24 no.8:19-22 S '62

CONCRETE—CURING

New assembly line at the Polyustrovo Combine. V. A. Evdokimov, IU. G. Nebov, V. V. Ol'shanskii. Stroi. i arkhit. Len. 24 no.2:23-25 F '62.

CONCRETE—TESTING
(see also subdivision under Armenia)

Aspects of using a resonance method in studying concrete. V. V. Stol'nikov, V. B. Sudakov. Bet. i zhel.-bet. 8 no.8:354-357 Ag '62.

The coefficient of homogeneity of concrete in calculations according to limiting states. M. Hangan, I. Facaoaru. Bet. i zhel.-bet. 8 no.8:378-383 Ag '62.

CONCRETE — TESTING (Continued)

Determining the strength of centrifuged concrete. V. Sh. Kalandadze. Bet. i zhel.-bet. 8 no. 8 364-366 Ag '62

Device for determining the strength of rock and concrete subject to displacement. N. M. Glotov. Trudy TSNIIS no. 45 161-163 '62

Device for determining the waterproofness of concrete. A. M. Zinger, A. N. Vilenskii, M. Iu. Leshchinskii. Gidr. stroi. 32 no. 8 15-16 Ag '62

Functioning of tensile concrete between cracks in centrally stretched reinforced concrete elements under protracted loading. M. Fedorenko. Bud. mat. i konstr. 4 no. 2;23-25 Mr-Ap '62.

Increasing concrete strength by brief early loading. M. Stulli, V. Kushnirenko. Bud. mat. i konstr. 4 no. 2: 48-50 '62.

Using muck of concrete with plastic binder in hydraulic construction. I. M. Ilkhin. Energ. stroi. no. 27:55-58 '62.

The moduli of elasticity and of complete deformations of concrete. O. P. Kvirikadze. Bet. i zhel.-bet. 8 no. 8 363-364 Ag '62

Study of solid concrete with ultrasonic waves. A. K. Tagi'lakov, A. M. Filonidov. Energ. stroi. no. 27 61-66 '62.

Tensile testing machine for concrete. Iu. Cherkinskii. Na stroi. Ros. 3 no. 4:16 Ap '62.

CONCRETE, AIR-ENTRAINED see Air-entrained concrete

CONCRETE, LIGHTWEIGHT see Lightweight concrete

CONCRETE BRIDGES see Bridges, Concrete

CONCRETE COATING

Protecting fresh concrete with films of synthetic resins. I. M. Ilkhin, P. M. Mamaimikov. Gidr. i mel. 14 no. 8: 31-33 Ag '62.

Waterproof coatings for porous concretes based on "Gumonol", a synthetic drying oil. V. Laparidin. Bud. mat. i konstr. 4 no. 2;47-48 Mr-Ap '62.

CONCRETE CONSTRUCTION

Danilov, N. N., and A. K. Shreiber. [Concrete construction] Proizvodstvo betonnykh rabot. Moskva, Profizdat, 1962. 237 p.

Filling the boreholes and shells of the foundations of bridge footings with concrete underwater. L. A. Ablogin. Transp. stroi. 12 no. 8 17-20 Ag '62.

Pitable support made of monolithic concrete. G. I. Lanev. Shakht. stroi. 6 no. 10;26-30 O '62.

Safarian, M. K., Iu. K. Ishchenko, and H. M. Mosoyan. [Study of the behavior of rectangular reinforced concrete tanks under the effect of temperature change; general conclusions from experience in design, construction, and operation] Issledovanie raboty priamougol'nykh zhelezobetonnykh rezervuarov pri temperaturnykh vozdeistviiakh; obobshchenie opyta proektirovaniia, stroitel'stva i ekspluatatsii. Moskva, VNIIST Glavgaza SSSR, redaktsionno-izdatel'skii otdel, 1961. 106 p.

CONCRETE CONSTRUCTION—CONGRESSES

Conference for generalizing experience with the erection of the concrete structures of the Bratsk Hydroelectric Power Station. L. A. Tolkachev. Gidr. stroi. 32 no. 8:41-44 Ag '62.

CONCRETE MIXERS

Modernizing the gear for tipping the drum of the S-302 concrete mixer. Portugal'skii. Mekh. stroi. 19 no. 9: 22 S '62.

Corrosion-resistance of steel reinforcement in gypsum-cement-pozzolan concretes. Iu. S. Tsikanov. Stroi. mat. 8 no. 8 40-3 of cover Ag '62.

Manufacture of NII-200 clusters of reinforcement. N. Chepurnoi, A. Gerigelevich. Prom. stroi. i inzh. soor. 4 no. 1:39-40 Ja-Ag '62.

New designs of the anchors for clusters of prestressed wire. I. Kh. Stavrakov, O. A. Popov. Transp. stroi. 12 no. 8, 56-57 Ag '62.

Roller conveyer for assembling the reinforcing framework of columns. N. Chepurnoi. Prom. stroi. i inzh. soor. 4 no. 4:38-39 Ja-Ag '62.

Study of methods of controlling the heating of wire and strands as they are wound by reinforcement-winding machines with electromechanical tensioning. P. IA. D'iachenko, V. T. D'iachenko. Trudy NII/IUS no. 37: 49-67 '62.

Study of the protracted support of glass-reinforced plastic rods for concrete reinforcement. L. Stepanenko, V. Pustovoitov. Bud. mat. i konstr. 4 no. 2;35-37 Mr-Ap '62.

Using temporary terminal anchors of the "upset bolt" type for reinforcement made of 30KHG2S grade steel. I. P. Ulrobin, S. A. Mashtino, A. A. Belov. Bet. i zhel.-bet. 8 no. 8;358-359 Ag '62.

Welded reinforcing rings for tubing. N. Chepurnoi, A. Gerigelevich. Prom. stroi. i inzh. soor. 4 no. 4:10-11 Ja-Ag '62.

CONCRETE REINFORCEMENT—TESTING

Akademiia stroitel'stva i arkhitektury SSSR. Institut organizatsii, mekhanizatsii i tekhnicheskoi pomoshchi stroitel'stvu. Biuro tekhnicheskoi informatsii. [Devices for checking stresses in prestressed reinforcement, practices of enterprises under the administration of the National Economic Councils of the Estonian S. S. R., the White Russian S. S. R., and the Bashkir A. S. S. R.] Pribory dlia kontrolia usilii v predvaritel'no napriazhennoi armature; opyt predpriiatii sovnarkhozov Estonskoi SSR, Belorusskoi SSR i Bashkirskoi ASSR. Moskva, Gosstroiizdat, 1961. 23 p.

CONCRETE REINFORCEMENT—WELDING

Electric slag welding of reinforcement rods. I. IA. Dagtiarev, M. G. Tenisov. Bet. i zhel.-bet. 8 no. 8: 348-351 Ag '62.

Welding meshes on the ATMS-14 X 75 welding machine. R. Dziuba. Prom. stroi. i inzh. soor. 4 no. 4:41-43 Ja-Ag '62.

CONCRETE SLABS

Insulated prestressed keramzit concrete slabs. V. E. Motornil. Transp. stroi. 12 no. 8:49-50 Ag '62.

Manufacture of arched slabs. I. Chetnoluk. Prom. stroi. i inzh. soor. 4 no. 4:13-15 Ja-Ag '62.

New assembly line at the Polyustrovo Combine. V. A. Evdokimov, Iu. G. Nebov, V. V. Ol'khanskii. Stroi. i arkhit. Len. 24 no. 7:23-25 Jl '62.

CONCRETE WALLS
(see also subdivision under Krasnoyarsk Territory)

Operational conditions of large-panel apartment houses and the heat-engineering qualities of their exterior walls. B. F. Vasil'ev. Issl. po nikroklim. nasel. mest i zden. i po stroit. fiz. no. 1:134-154 '62.

Piercing holes in a reinforced concrete wall using cumulative charges. A. A. Berlina and others. Transp. stroi. 12 no. 8;51-52 Ag '62.

Prestressed wall slabs. P. Koval', A. Platkovskii. Prom. stroi. i inzh. soor. 4 no. 4:11-13 Ja-Ag '62.

Slag-pumice concrete in panels of outer walls. G. Gemmerling, T. Gladkovskii. Na stroi. Ros. 3 no. 5;22-23 My '62.

CONCRETE WALLS—TESTING

Study of and calculations for beam-walls with openings according to the limiting equilibrium method. G. K. Khaidukov, A. K. Ermakov. Bet. i zhel.-bet. 8 no. 8. 371-377 Ag '62.

CONDENSATE OIL WELLS

Effect of high pressures and temperatures on the content and properties of a condensate in the gaseous phase of gas and oil fields [with summary in English]. T. P. Zhuze, G. S. Ushakova, G. N. Ushkevich. Geokhimiia no. 8:880-892 '62.

CONDENSERS (ELECTRICITY)

Calculation of the capacitance of the characteristic impedance of a nonsymmetrical strip line. I. S. Kovalev. Izv. vys. uchab. zav., radiotekh. 5 no. 3;368-375 My-Je '62.

Device for checking the contactors of the VMK-3/50 condenser. L. M. Moshek. Vzryv. delo no. 48/5:21-23 '62.

CONDENSERS (STEAM)

Aliamovskii, M. I., and A. A. Promyslov. [Marine condenser plants] Sudovye kondensatsionnye ustanovki. Leningrad, Sudpromgiz, 1962. 401 p.

Deaeration of steam turbine condensers. A. K. Kirsh. Teploenergetika 9 no. 10;35-40 O '62.

CONDITIONED RESPONSE

Conditioned reflex and related phenomena. G. A. Asratian. Priroda 51 no. 9;37-43 S '62.

Physiological analysis of the process of immunogenesis with reference to its conditioned reflex regulation [with summary in English]. V. I. Lukianenko. Izv. AN SSSR. Ser. biol. 27 no. 4 592-602 Jl-Ag '62.

CONDUCT OF LIFE

Ulesov, A. A. [Answer to my correspondents] Otvet moim korrespondentam. Moskva, Sovetskaia Rossiia, 1962. 78 p.

CONDUCTIVITY, ELECTRIC see Electric conductivity

CONDUCTOMETRIC ANALYSIS

Determination of the content of sulfhydryl groups in the blood by amperometric titration. V. V. Sokolovskii. Lab. delo 8 no. 8:3-6 Ag '62.

CONDUITS see Aqueducts

CONFECTIONERY—EQUIPMENT AND SUPPLIES

Bench for sharpening cutters. G. IA. Kendel'. Khar. prom. no. 2:62 Ap-Je '62.

CONFECTIONERY—TESTING

Fat determination in "Iris" candy and other milk containing products. A. P. Azila. Khar. prom. no. 2:60-61 Ap-Je '62.

CONFISCATIONS

Recent legislative enactments. Sov. deput. trud. no. 10: 101 O '62.

CONFORMAL MAPPING

Approximate method of conformal mapping of simply connected one-sheeted regions [with summary in English]. P. F. Fyl'chakov. Ukr. mat. zhur. 14 no. 3: 308-321 '62.

Liouville's theorem of conformal mappings in the irregular case. Iu. E. Borovskii. Sib. mat. zhur. 3 no. 5: 797-801 S-O '62.

Theory of spatial mappings. M. A. Lavrent'ev. Sib. mat. zhur. 3 no. 5;710-714 S-O '62.

CONGLOMERATE see subdivision under Kitoy Gol'tsy, Ukraine

CONGO—HISTORY

Zusmanovich, A. Z. [How imperialists seized and divided the Congo Valley, 1876-1894] Imperialisticheskii razdel basseina Kongo, 1876-1894 gg. Moskva, Izd-vo vostoch. noi lit-ry, 1962. 355 p.

CONGO (LEOPOLDVILLE)—GORILLAS

Mountain gorillas. M. Kh. Gorlina. Priroda 51 no. 7;80-84 Jl '62.

CONGO (LEOPOLDVILLE)—MEDICAL ASSISTANCE, RUSSIAN

Soviet physicians in the Congo. S. Krasil'shchik. Nov. vrem. 20 no. 41;26-27 O '62.

CONGRUENCES AND RESIDUES

Bi congruences. M. B. Pergamenshchikov. Izv. vys. uch. zav., mat. no. 5;59-64 '62.

CONIFERAE

Method of large-scale interspecific and intergeneric grafting of conifers under field conditions. E. P. Prokazin. Bot. zhur. 47 no. 7:987-990 Jl '62.

CONIFERAE, FOSSIL see subdivision under Asia, Central

CONJUNCTIVITIS, GRANULAR

Treatment of trachoma with tetracycline. L. V. Kolsanova. Kaz. med. zhur. no. 3:49-50 My-Je '62.

CONSCIOUSNESS

Some achievements of cybernetics in the light of the Marxist-Leninist theory of the nature of consciousness. E. Kh. Gimel'shtein. Nauch. dokl. vys. shkoly; filos. nauki 5 no. 3:68-74 '62.

CONSERVATION OF NATURAL RESOURCES
(see also subdivision under Azerbaijan; Black Sea region; Turkmenistan)

Conservation in the light of the resolutions of the 22d Congress of the CPSU [with summary in English] K. N. Blagoskonov. Zool. zhur. 41 no. 8,1121-1131 Ag '62.

In the Section for the Increase of the Productivity of the Biosphere. I. V. Smelova. Zool. zhur. 41 no. 8,1217-1270 Ag '62

Profit... profit alone. A. Solov'ev. IUn. nat. no. 8, 4-5 Ag '62.

Several suggestions for directing the work of geographers in putting the law on the preservation of nature into practice. V. L. Vilenkin. Izv. Vses. geog. ob-va 94 no. 4;319-320 Jl-Ag '62.

CONSERVATION OF NATURAL RESOURCES—ABSTRACTS

[Regional studies] Ref. zhur. Otd. vyp. 35: Kraeved. no. 10 O '62.

CONSTRUCTION EQUIPMENT

Bring the work of machinery to full capacity! Mekh. stroi. 19 no. 9:1 S '62.

CONSTRUCTION EQUIPMENT (Continued)

Improving the use of construction and road machinery at enterprises of the Ministry of the Construction of Electric Power Stations of the U S S R A S Grigor'iants, E K. Maloletkov Energ stroi no. 27 85-89 '62

L'vov, P. N. [Wear resistance of parts of construction and road machinery] Iznosostoikost' detalei stroitel'nykh i dorozhnykh mashin. Moskva, Mashgiz, 1962. 66 p.

Machinery for construction industry enterprises L. I Kurochkin. Mekh. stroi. 19 no. 4:20 Ap '62.

Mechanization of construction and use of machinery during 1961. Mekh. stroi. 19 no. 1:20 Ap '62

Mechanization of the construction of large-panel apartment houses. V. V. Blokhin. Mekh. stroi. 19 no. 1:3-6 Ap '62.

New efficient machinery for builders Na stroi. Ros. 3 no. 1:33 Ap '62.

Payment procedure for the sale of surplus equipment. Ekon. stroi. no. 8:62-63 Ag '62.

Potentials for improving the use of machinery in construction. V Shafranskii. Ekon. stroi. no 8:11-20 Ag '62.

Raise the mechanization and automation of construction to the level of modern technology. N. G. Dombrovskii Mekh. stroi. 19 no. 9:2-5 S '62.

Use of nylon sleeve bearings on construction equipment IU. A. Evdokimov, I. A. Loshak, V. A. Slatin Mekh. stroi. 19 no. 4:20-22 Ap '62.

CONSTRUCTION EQUIPMENT—BIBLIOGRAPHY see Bibliography—Construction equipment

CONSTRUCTION EQUIPMENT—ABSTRACTS

[Manufacture of construction equipment and road machinery. Mining machinery] Ref. zhur. Otd. vyp 43: Stroi. i dor. mashinostr. Gor. mash. nos. 19-20 O '62.

CONSTRUCTION INDUSTRY

(see also subdivision under Armenia; Azerbaijan; Buzuluk; Kazakhstan; Krasnoyarsk Territory, Leningrad; Luga, Moscow; Pavlograd District, Saratov Province; Siberia, Western; Virgin Territory; Zaporozh'ye Province)

Balikhin, M. I., and V. L. Kovnat. [Planning the production and economic activity of building organizations] Planirovanie proizvodstvenno-khoziaistvennoi deiatel'nosti stroitel'nykh organizatsii. 2. izd., perer. i dop. Moskva, Gosstroiizdat, 1962. 416 p.

Beacons of construction for the transportation industry. Transp. stroi. 12 no. 8 3-6 Ag '62.

Builders carry out the decisions of the 22d Congress of the Party. Ved i nauch tekh no. 8:1-2 Ag '62.

Builders' holiday. Bet. i rhel. -bet 8 no. 8:337-338 Ag '62.

Calculations for the number of line personnel of a construction division. V. A. Milovzorov. Izv. vys. uch. zav.; stroi. i arkhit. 5 no. 4:117-127 '62.

Consolidation of construction brigades. V. Izmailov. Zhil. stroi. no. 7:16 '62.

A criterion for evaluating the level of the use of prefabrication techniques and the level of mechanization of construction. B. N. Semenov. Mekh. stroi. 19 no. 9: 25-27 S '62.

Do more today - have more tomorrow! Transp. stroi. 12 no. 8:1-2 Ag '62.

Doing more today means having more tomorrow! Ekon. stroi. no. 8:3-6 Ag '62.

Fulfillment of the plan is a law for builders. Sil'. bud. 12 no. 8 21-22 Ag '62.

Galkin, I. G. [Problems of rhythm and operation completion in construction] Voprosy ritmichnosti i zadela v stroitel'stve. Moskva, Gosstroiizdat, 1962. 168 p. (Voprosy ekonomiki stroitel'stva)

[Handbook for the state-farm construction worker] Spravochnik sovkhoznogo stroitelia. Moskva, Sel'khozizdat, 1962. 598 p.

Hidden potentialities for improving the technical and economic indices of assembly and special work. L. Arsen'ev. Ekon. stroi. no. 8:28-33 Ag '62.

Hidden potentialities of the construction industry. V. Abyzov. Kommunist 39 no. 10:77-87 N '62.

The honorable status of the rural builder carries obligations. Sil'. bud. 12 no. 8:1-2 Ag '62.

Improve the organization of the supply of materials and equipment. T. S. Gasparov. Stroi. truboprov. 7 no. 8: 6 Ag '62.

In the Board of the Ministry. Transp. stroi. 12 no. 8: 52-53 Ag '62.

In the Ministry of Construction of the R. S. F. S. R. Mont. i spets. rab. v stroi. 24 no. 9:31-32 S '62.

In the state committees on construction in the Union Republics. Biul. stroi. tekh. 19 no. 3:41-43 Mr '62.

In the State Committee on Construction of the Council of Ministers of the R. S. F. S. R. Na stroi. Ros. 3 no. 5:36 My '62.

In the State Committee on Construction of the Council of Ministers of the U. S. S. R. Biul. stroi. tekh. 19 no. 3: 40-41 Mr '62.

In the State Committee on Construction of the R. S. F. S. R. Na stroi. Ros. 3 no. 4:36 Ap '62.

In the Technical Administration A. Goncharov Energ stroi. no 27 90-91 '62

Make the work practice of leaders available to all builders! M. Borisov Ekon. stroi. no. 8 7-11 Ag '62.

Mechanization of work and the use of machinery in the construction industry of the Russian Federation in 1961, according to the data of the Central Construction Administration of the R. S. F. S. R. Na stroi. Ros. 3 no 4: 32-33 Ap '62.

Nauchno-tekhnicheskaia konferentsiia "Sovershenstvovanie organizatsii zhilishchnogo i kul'turno-bytovogo stroitel'stva," Moscow, 1961. [Materials of the Scientific Technical Conference "Improving the organization of the construction of residential, cultural, and public buildings"] Materialy. Moskva, Mosk. gor. otd-nie Ob-va po raspr. polit. i nauchn znanii RSFSR, 1962 115 p.

New construction elements, new organization of work G Reva, Na stroi Ros 3 no. 5 14-15 My '62

New display at the Exhibition of the Achievements of the National Economy of the U. S. S. R Biul. stroi. tekh. 19 no. 3. 15 Mr '62.

On "Constructions for working out designs and estimates for industrial construction." Biul. stroi. tekh. 19 no. 3 3-7 Mr '62.

Plans for carrying out studies, projects, and experimental work connected with the introduction of new technology in construction Biul. stroi. tekh. 19 no 3:8-12 Mr '62.

The standard design is the basis of high quality and economy in construction Zhil. stroi. no. 7 1-2 '62.

CONSTRUCTION INDUSTRY—ACCOUNTING

Galuzevskii, G. N. [Accounting in repair and construction organizations] Bukhgalterskii uchet v remontno-stroitel'nykh organizatsiiakh. Moskva, Izd-vo M-va kommun. khoz. RSFSR, 1962. 102 p.

"Instructions for compiling records of materials, structures, and semifinished products necessary for construction, and the determination of specific expenditures for main structures, metal-rolling, pipes, cement, and lumber per unit of production power." Biul. stroi. tekh. 19 no. 3:21-24 Mr '62.

CONSTRUCTION INDUSTRY—AUDITING AND INSPECTION (see also subdivision under Azerbaijan)

Building control in bank work. V. Dyskin. Den. i kred. 20 no. 9:35-43 S '62.

Procedure for conducting the inspection of construction and assembly work by the Construction Bank of the U. S. S. R. Ekon. stroi. no. 8:65-68 Ag '62.

CONSTRUCTION INDUSTRY—BIBLIOGRAPHY see Bibliography—Construction industry

CONSTRUCTION INDUSTRY—CONGRESSES

Republic conference on construction in Alma-Ata. Zhil. stroi. no. 8:33 '62.

Steadily raise the technical level of industrial construction. Prom. stroi. i inzh. soor. 4 no. 4:60-63 Jl-Ag '62.

CONSTRUCTION INDUSTRY—COSTS

(see also subdivision under Leningrad; Sverdlovsk Province)

Costs analysis of construction and assembly work. A. Stankevich. Bukhg. uchet 19 no. 7:44-49 Jl '62.

Expenditures for housing and communal services in construction. K. Nerovnia. Bukhg. uchet 19 no. 7:43-44 Jl '62.

Put construction organization at the center of attention. N. Artem'eva. Fin. SSSR 23 no. 9:65-69 S '62.

Uspenskii, V. V. [Production costs in construction and how to reduce them] Sebestoimost' v stroitel'stve i puti ee snizheniia. Moskva, 1962. 105 p.

Ways of reducing the building costs of industrial enterprises. F. K. Zamnius. Trudy KhPI 22 no. 2:129-137 '59.

CONSTRUCTION INDUSTRY—EQUIPMENT AND SUPPLIES

Control over the stock of equipment in construction. B. Lakhov, S. Rubinstein. Fin. SSSR 23 no. 9:47-52 S '62.

CONSTRUCTION INDUSTRY—FINANCE

(see also subdivision under Ukraine)

Planning and financial discipline in construction. N. Sokolov. Den. i kred. 20 no. 8:70-75 Ag '62.

Urgent problems of the economics of construction. P. M. Vargaftov, M. Kh. Lapidus. Stroi. i arkhit. Len. 24 no. 2:2-4 F '62.

CONSTRUCTION INDUSTRY—LABOR PRODUCTIVITY

(see also subdivision under Kuybyshev Province)

Fulfill your obligations to increase labor productivity. Mont. i spets. rab. v stroi. 24 no. 9:1-2 S '62.

CONSTRUCTION INDUSTRY—MANAGEMENT

(see also subdivision under Armenia)

Organize the study of the construction industry's relations with the sources of supply. M. Gurevich. Ekon. stroi. no. 8:59-61 Ag '62.

CONSTRUCTION INDUSTRY—QUALITY CONTROL see subdivision under Leningrad

CONSTRUCTION WORKERS

(see also subdivision under Moscow, Rudnyy)

I am trying to persuade and organize G. Popov. Agitator no. 20:51-52 O '62.

CONSUMPTION (ECONOMICS)

A review of economic studies on public consumption under socialism. B. M Mochalov. Vest. Mosk. un. Ser. 8 i kon., filos. 17 no. 5 83-88 S-O '62.

CONTAINERS

Bugo, IU. I., and G. S. Berliand. [Legal problems concerning the return of containers in the national economy of the U. S. S. R.] Pravovye voprosy vozvrata tary v narodnom khoziaistve SSSR. Moskva, Gosiurizdat, 1962 62 p. (Bibliotechka khoziaistvennika, i rabotnika iuridicheskoi sluzhby)

Kudriashov, I. V. [Ways of saving wood in the manufacture of containers, from practices of the work of the Leningrad Economic Council] Puti ekonomii drevesiny v proizvodstve tary, iz opyta raboty Leningradskogo sovnarkhoz. Leningrad, 1962. 29 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Serlia Tara i upakovka)

Stock containers. Na stroi. Ros. 3 no 4:37 Ap '62.

CONTAINERS—ABSTRACTS

[Container shipments and the interaction of various types of transportation] Ref. zhur Otd. vyp. 31: Vzaimodeistv. raz. vid transp. i kont. perev. no. 10 O '62.

CONTINUITY

Massera's method for proving the uniqueness of a limiting cycle. M. I. Volkov. Izv vys. uch. zav. ;mat no. 5:22-28 '62.

CONTINUOUS CASTING—EQUIPMENT AND SUPPLIES

Continuous casting equipment for the manufacture of nodular cast iron balls for ball mills [with summary in English] G. P Borisov, V. P. Korshkin, B. Kh Khan. Nauch. trudy Inst lit. proizv AN URSR 11 91-94 '62.

CONTRACEPTION see Conception—Prevention

CONTRACEPTIVES

Lutenurin, a new contraceptive substances and agent against trichomonas. S. A. Vichkanova and others. Med. prom. 16 no. 5:56-57 My '62.

CONTRACTS

Shimelevich, S. IA., and N. I. Bondarev. [Authentication of contracts] Udostoverenie dogovorov. Pod red. IU. A. Kalenova. Moskva, Gosiurizdat, 1961. 91 p. (Bibliotechka notariusa, no. 5)

CONVERTERS

(see also subdivision under United States)

Calculating circuit elements for diode functional converters. L. V. Krasnov. Izv. vys. ucheb. zav. prib. 5 no. 5:40-55 '62.

Heavy-duty linear induction converters for strain gauges. N. M. Arakel'iants. Priborostroenie no. 8:16-17 Ag '62.

Maker of steel. D. Martsinkovskii. Tekh. mol. 30 no. 9:19-21 '62.

CONVEYING MACHINERY

(see also subdivision under Kuznetsk Basin, Ul'yanovsk)

Automatic control of continuous conveying systems. P. S. Hondarenko. Mekh. i avtom. proizv. 16 no. 9: 21-27 S '62.

Bunker conveyors. I. A. Ditman, IU. I. Mikhailov. Mekh. i avtom. proizv. 16 no. 8:52-53 Ag '62.

Conveyer for processing fish. Ryb. khoz. 38 no. 7: 92-94 '62.

Device for automatically removing and hanging up carriers on a conveyer. L. D. Volov. Poligr. proizv. no 9:18-20 S '62.

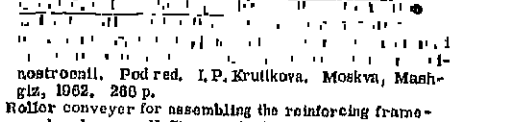
Electronic metal detector for conveyors. B. P. Fridman. Mekh. i avtom. proizv. 16 no. 9:38-39 S '62.

Geometry of a link of a traction and loading chain. V. F. Ugol'nikov. Izv. vys. uch. zav.; gor. zhur. 5 no. 6: 115-120 '62.

Hydraulic conveyer on the refrigerator ship "Neva". I. A. Smirnov. Ryb khoz 38 no 8:62-64 '62

Iron ore haulage out of the stope by vibrating conveyers. F. G. Bereslavets and others Met. i gornorud. prom. no. 3 83-85 My-Je '62.

Mechanization of loading, unloading and conveying operations at the Gorkiy Automobile Plant. V. I. Zil'berberg. Mekh. i avtom. proizv. 16 no. 9:28-33 S '62.



nostroenii. Pod red. I. P. Krutikova. Moskva, Mashgiz, 1962. 260 p.

Roller conveyer for assembling the reinforcing framework columns. N. Chepurnoi. Prom. stroi. i inzh. soor. 4 no. 4:38-39 Jl-Ag '62.

Stability of traction chains of mine conveyors under the action of transverse loads. I. G. Shtokman, V. V. Bystrov. Izv. vys. uch. zav., gor. zhur. 5 no. 6:89-94 '62.

Vibratory drive for conveyors, feeders and other mechanisms. P. A. Sergeev. Mekh. i avtom. proizv. 16 no. 9:39-41 S '62.

CONVEYING MACHINERY--ABSTRACTS
[Hoisting and conveying machinery and structures] Ref. zhur. Otd. vyp. 30 Pod. -transp. mash. i oor. nos 10-20 S-O '62.

CONVEYING MACHINERY--EQUIPMENT AND SUPPLIES
Device for determining the presence of material on a conveyer belt. Yu. M. Zubotko. Mekh. stroi. 19 no. 4-21 Ap '62.

CONVULSIONS
Use of controlled respiration in combination with curare for treating acute convulsive states in childhood [with summary in French]. Lajos Munkanyi and others. Zhur. nevr. i psikh. 62 no. 7, 1000-1005 '62.

COOKERY
(see also subdivision under Moscow)
Advice in cookery. Rab. i stial. 36 no. 8:22-23 Ag '62.
Advice to the cook. Obshchestv. pit. no. 6 32-33 Je '62.
Cookery. Rab. i stial. 36 no. 8 21 S '62.
From the cook's notebook. M. Pyerenkil, A. Snyin. Obshchestv. pit. no. 6 34 Je '62.
Recipes for home cooking. Obshchestv. pit. no. 6 60-61 Je '62.

COOKERY (CANNED FOODS)
It's easy to prepare these tasty dishes. Belarus' 19 no. 8:27 Ag '62.

COOKERY, KAZAKHSTAN
Chastnyi, P. M. [Kazakhstan national cookery] Natsional'nye blyuda Kazakhstana. Izd. 3., perer. i dop. Alma-Ata, Kazakhskoe gos. izd-vo, 1962. 92 p.

COOLING
Critical heat transfer in a steam-generating tube. V. N. Smolin, V. K. Polinkov, V. I. Subkov. Atom. energ. 13 no. 5:380-384 O '62.

COOPERATIVE EDUCATION see Education, Cooperative

COOPERATIVE SOCIETIES
Consummers' cooperatives are the schools of communal self-government. Sov. deput. trud. no. 10, 27-29 O '62.

COORDINATES
Russia (1923- U. S. S. R.) Glavnoe upravlenie geodezii i kartografii. [Tables of Gauss-Kruger coordinates for latitudes 32° -80° at 5' intervals and for longitudes 0° -6° at 71/2' intervals and tables of side and area dimensions of trapezoids in topographic surveys; Krasovskii's ellipsoid] Tablitsy koordinat Gaussa-Kryugera dlia shirot ot 32° do 80° cherez 5' i dlia dolgot ot 0° do 6° cherez 71/2' i tablitsy razmerov ramok i ploshchadei trapetsii topograficheskikh s"emok ellipsoid Krasovskogo. 2. izd., ispr. i dop. Moskva, Izd-vo geodez. lit-ry, 1961. 512 p.

COPPER
Outlines of the copper geochemistry in the supergene zone. Part 1: Characteristics of copper atom determining the migration in the supergene zone. A. I. Perel'man, D. N. Borisenko. Trudy IGFM no. 70:30-99 '62.

COPPER--ISOTOPES
Inelastic scattering of 6.6 Mev. protons on nickel and copper nuclei. S. S. Vasil'ev, E. A. Romanovskii, Ch. F. Timushev. Izv. AN SSSR. Ser. fiz. 26 no. 9:1143-1149 S '62.
Structure of the lines of nuclear magnetic resonance of the isotopes Cu^{63} and Cu^{65} in β-brass. S. I. Akasnov. Zhur. eksp. i teor. fiz. 42 no. 6:1677-1679 Je '62.

COPPER--TESTING
Investigating internal friction in copper on specimens obtained by powder metallurgy methods. V. P. Il'in and others. Fiz. met. i metalloved. 14 no. 3:443-451 S '62.

COPPER ALLOYS
The kinetics of anode dissolving of copper-aluminum, copper-tin, copper-manganese, and copper-nickel alloys in solutions of sulfuric acid. S. S. Gustev. Nauch. trudy MPI no. 14:64-76 '61.

COPPER ALLOYS--WELDING
Butt resistance fusion welding of certain copper alloys. G. P. Sukhatskii. Avtom. svar. 15 no. 8:67-72 S '62.

COPPER-ALUMINUM ALLOYS--METALLOGRAPHY
Electron microscopy of dislocation loops in hardened Cu-Al alloys. L. S. Buchner, G. G. Minaeva, V. I. Panin. Fiz. met. i metalloved. 14 no. 3:470-472 S '62.

COPPER CHLORIDE
Complex compounds of monovalent copper with thiourea. Part 2: Compounds of cuprous chloride. L. A. Sinshcheva, M. I. Usanovich, T. N. Sumarkova. Zhur. ob. khim. 32 no. 8:2408-2411 Ag '62.

COPPER-MANGANESE ALLOYS--MAGNETIC PROPERTIES
Paramagnetism of Mn-Cu alloys at temperatures higher than that of melting. P. A. Pshenichkin. Fiz. met. i metalloved. 14 no. 3:378-382 S '62.
Superparamagnetic properties of certain antiferromagnetic alloys of the system Cu - Mn. B. V. Zhamovskii, I. G. Fakidov. Fiz. met. i metalloved. 14 no. 3:391-395 S '62.

COPPER MINES AND MINING see subdivision under Kafan region

COPPER ORES see subdivision under: Altai Mountains, Silesia

COPPER OXIDE
Negative photoconductivity of copper oxide near a point contact. M. S. Kosman, L. I. Nesmelova. Fiz. tver. tela 4 no. 9:2608-2616 S '62.
Quenching of infrared luminescence in copper oxide by hydrogen ions. Yu. I. Kurkhanin, G. P. Peka, T. M. Lamolin. Fiz. tver. tela 4 no. 9 2306-2311 S '62.

COPPER OXIDE CRYSTALS--OPTICAL PROPERTIES
Quadrupole absorption of light in a copper oxide crystal. Many-electron wave functions of Frenkel's exciton [with summary in English]. N. V. Starostin. Vest. LGU 17 no. 16, 10-15 '62.

COPPER PLATING
Automatic control of copper sulfate content of electrolytes. L. Kuchinkian. Prom. Arm. 5 no. 9:26-28 S '62.

COPPER SULFATE
Complex compounds of monovalent copper with thiourea. Part 3. Compounds of cuprous sulfate. L. A. Shashcheva, M. I. Usanovich, T. N. Sumarkova. Zhur. ob. khim. 32 no. 8:2413-2415 Ag '62.

COPPER-ZINC ALLOYS
The kinetics of anode dissolving of copper-zinc alloys in acids. S. S. Gustev. Nauch. trudy MPI no. 14 3-63 '61.

COPYING PROCESSES
A monitoring method for duplication of technical documents. V. V. Kotovich, M. G. Kolotov. Med. prom. 16 no. 5 53 My '62.

CORALS
Reappearance, that, . I. Akimushkin. Priv. nat. no. 8:36-37 Ag '62.

CORALS, FOSSIL see subdivision under Bohemia; Crimea, Gotland; Podkamennaya Tunguska Valley, Salair Ridge, Siberian Platform

CORDAITES see subdivision under Kuznetsk Basin

CORE DRILLING
(see also subdivision under Tuymazy region)
Effect of the coring shell on the magnetization of the core. V. N. Zavodnikh. Geofiz. sbor. no. 3:117-119 '62.
Effect of the parameters of a core drilling system on the recovery of the core. A. P. Rudenko. Trudy VITR no. 5:37-40 '62.

COREMAKING
New method for making cores. K. I. Shcherbakov. Biul. tekh.-ekon. inform. Gos. nauch.-issl. inst. nauch. i tekh. inform. no. 8, 88 62 '62.

CORES (ELECTRICITY)
An accelerated method for thermal treatment of magnetic circuits from cold-rolled electrical steel. F. V. Ul'yash, M. M. Nazarov. Vest. elektroprom. 33 no. 10:81-84 O '62.
Bardizh, V. V., and others. [Static and pulse characteristics of miniature cores with rectangular hysteresis loop] Staticheskie i impul'snye svoistva mikronnykh serdechnikov s priamougol'noi petlei gisterezisa. Moskva, ITM i VT AN SSSR, 1961. 60 p. (Elektronnye vychislitel'nye mashiny) [With summary in English]
Berezhnoi, E. F. [Device for determining the frequency characteristics of cores with magnetic polarity reversal along the symmetric hysteresis cycles approaching said hysteresis loop limit] Pribor dlia opredeleniia chastotnykh svoistv serdechnikov pri peremagnichivanii po simmetrichnym tsiklam gisterezisa, blizkim k predel'nym. Moskva, ITM i VT AN SSSR, 1962. 15 p. (Elektronnye vychislitel'nye mashiny) [With summary in English]
Methods of generalized linearization in the theory of nonlinear oscillations in parametric resonators. R. M. Kantor. Izv. vys. ucheb. zav., radiotekh. 5 no. 3 358-367 My-Je '62.
Vizun, Yu. I. [The (Stend"S-2") device for studying the pulse characteristics of magnetic cores] Pribor dlia issledovaniia impul'snykh svoistv magnitnykh serdechnikov (Stend "S-2"). Moskva, ITM i VT AN SSSR, 1961. 23 p. (Elektronnye vychislitel'nye mashiny) [With summary in English]

CORK TREE see subdivision under Azerbaijan

CORN (MAIZE)
(see also subdivision under Ararat region, Crimea; Leningrad Province; Moldavia; Moscow Province; Ryazan Province, Stavropol Territory; Transbaikalia; Udmurt A. S. S. R.; Ukraine)
Disinfecting machine of continuous action for corn seeds. M. Kvetnyi. Muk.-elev. prom. 28 no. 7:11 Jl '62.
Effect of the density of plantation on the development of the root system in corn [with summaries in English, German, and French]. V. S. Sokolov. Vest. sel'khoz. nauki 7 no. 8:31-33 Ag '62.
Effect of the internal processes in plants on the productivity of corn leaves [with summary in English]. G. N. Dimilov. Fiziol. rast. 9 no. 4 393-397 '62.
Frost resistance of corn specimens during the period of seed germination at lowered temperatures above freezing point. A. E. Koval'. Sbor. trud. asp. i mol. nauch. sotr. VIR no. 1:94-104 '60.
Future development of corn drilling for 1962-1965. P. A. Beliaev. Trakt. i sel'khozmash. 32 no. 10:3-11 O '62.
Indirect method of determining the weight of green corn for purposes of mailing an agrometeorological evaluation of its growth. A. V. Karpov. Trudy TSIP no. 101 102-107 '62.
Practices in the use of a disinfecting machine for corn seeds. G. Sanitarnyi. Mol. elev. prom. 28 no. 7 10-11 Jl '62.
Relation between soil moisture conditions and the rate of corn growth. S. V. Lubomudrova, N. B. Meshcheriakova. Trudy PSH no. 101 97-101 Ag '62.
Resistance of corn specimens of different origin to early fall frosts. A. E. Koval'. Sbor. trud. asp. i mol. nauch. sotr. VIR no. 1:101-121 '60.
Simultaneous sowing of corn with pulse crops [with summary in English]. V. N. Stepanov, V. I. Letunovskii, L. V. TSKIA no. 2:19-90 '62.
Time of double. P. Veredin. Zhur. sakha 37 no. 5, 10-11 My '62.

CORN (MAIZE)--DISEASES AND PESTS
Changes in the carbohydrate group in the corn grain in its infestation with certain fungi; preliminary report. I. V. Bashmakova. Trudy Rost. NIVS no. 1 226-229 '60.

CORN (MAIZE)--FERTILIZERS AND MANURES
(see also subdivision under Alma-Ata Province; Kotovskoye District, Ukraine)
Fertilizing corn under semiarid conditions. M. I. Pronin, M. V. Afanas'ev. Zemledelie 24 no. 8:68-70 Ag '62.

CORN (MAIZE)--IRRIGATION see subdivision under Kamyzyak District

CORN (MAIZE)--VARIETIES
Preliminary evaluation of a collection of early and medium self-pollinated lines of corn according to their frost resistance. T. I. Baranova. Sbor. trud. asp. i mol. nauch. sotr. VIR no. 1:80-83 '60.

CORN (MAIZE), CANNED see subdivision under Moldavia

CORN AS FEED
Effect of corn-peas silage on the metabolism and milk productivity in cows [with summaries in English, German, and French]. Vest. sel'khoz. nauki 7 no. 8 114-120 Je '62.
Kazakova, M. [Corn silage has become richer in protein] Kukuruznyi silos stal bogache belkom. [Moskva] Mosk. rabochii, 1962. 14 p. (Iz opyt. dostupen vsem) (DNAL)

CORN BREEDING see subdivision under Kirghizistan

CORNEA--DISEASES
Characteristics of the appearance and therapy of parenchymatous keratitis in late congenital syphilis [with summary in English]. G. B. Genkina. Vest. dermat. i ven. no. 8:57-60 '62.

CORONARY HEART DISEASE
Coronary insufficiency in people engaged in mental work. E. I. Krinter and others. Klin. med. no. 12:3-6 '61.
Evaluation of the changes in the electrocardiogram in coronary insufficiency. V. V. Travokin. Kaz. med. zhur. no. 3:8-11 My-Je '62.
Use of Likert's test in coronary insufficiency. N. B. Kipshidze and others. Terap. arkh. no. 6:97-102 '62.

CORONARY VESSELS
Changes in the distal segments of the coronary vessels of the heart and in the myocardium in atherosclerosis [with summary in English]. E. N. Agapova. Arkh. pat. no. 7:19-26 '62.

CORPULENCE
Fat mobilizing factors. S. M. Lelkin. Terap. arkh. no. 6:3-9 '62.

CORRESPONDENCE SCHOOLS AND COURSES see subdivision under Bashkiria, Kamenets-Podol'sk, Moscow; Stavropol Territory, Ukraine

CORROSION AND ANTICORROSIVES
(see also subdivision under Finland)
Alekseev, S. N. [Corrosion and protection of reinforcement in concrete] Korrozita i zashchita armatury v betone. Moskva, Gosstroiizdat, 1962. 180 p.
Anticorrosive protection of equipment in the sodium glutamate factories of the Chinese People's Republic. Yu. M. Kravets', G. V. Danylko. Khar. prom. no. 2 91-95 Ap-Je '62.
Bitumen-melting kettle for work on mountain routes. P. Priazhka. Strol. i truboprov. 7 no. 8:25 Ag '62.
Collection of uniform district unitary estimates for anticorrosive and protective coatings and a price list of average district estimated prices for acid-resistant materials. Biul. stroi. tekh. 19 no. 3:14 Mr '62.

CORROSION AND ANTICORROSIVES (Continued)

Corrosion of the reinforcement of reinforced concrete made with granulated slag. A. Chekhov. Bud mat. i konstr. 4 no. 2:20-22 Mr-Ap '62.

Corrosion-resistance of steel reinforcement in gypsum-cement-pozzolan concretes. Iu. S. TSukanov. Stroi mat. 8 no. 8:30-3 of cover Ag '62.

"Electrochemical protection of main gas pipelines from corrosion" by I. A. Nikitenko. Reviewed by I. V. Strizhevskii. Stroi. truboprov. 7 no. 8:31 Ag '62.

Negreev, V. F., ed. [Protection of apparatus and equipment of petroleum refineries from corrosion] Zashchita apparatury i oborudovaniia neftepererabatyvaiushchikh zavodov ot korrozii. [By] N. G. Kasumzade i dr. Baku, Azerneshr, 1962. 282 p.

On "Technical instructions for performing and inspecting the anticorrosion protection done by the use of natural cut stone." Biul. stroi. tekh. 19 no. 3:20 Mr '62.

Synthesis of dicyclohexylamine nitrite, an inhibitor of the atmospheric corrosion of metals. S. Z. Levin, I. S. Diner, V. N. Kuchinskii. Khim. prom. no. 8:566-570 Ag '62.

Using plastics for preventing corrosion. A. I. Zhidashkin. Mashinostroitel' no. 9:30-10 S '62.

CORTICOSTEROIDS

Pulmonary damage in prolonged corticosteroid therapy. A. N. Chigirinskii. Klin. med. no. 12:100-102 '61.

CORTISONE

Agranulocytosis developing after implantation of autoclaved spleen and immune agranulocytosis with favorable effect from cortisone therapy. A. F. Tarasenko. Probl. gemat. i perel. krovi no. 6:47-48 '62.

Use of cortisone in laryngoplasty. B. S. Krylov. Vest. otorin. no. 5:35-41 '62.

CORUNDUM

Electron paramagnetic resonance of Co^{2+} ions in corundum [with summary in English]. G. M. Zverev, N. G. Petelina. Zhur. eksp. i teor. fiz. 42 no. 5:1186-1190 My '62.

COSMETICS

Use of nitrogen-containing compounds in cosmetic preparations; review of literature. E. I. Drabkina, L. I. Vol'fenzon. Masl.-zhir. prom. 28 no. 9:26-27 S '62.

COSMIC PHYSICS

Determining the forces and moments of forces of light pressure acting on a body moving in cosmic space. A. A. Karymov. Prikl. mat. i mekh. 26 no. 5:807-876 S-O '62.

Radiation belts of celestial bodies. G. I. Pokrovskii. Priroda 51 no. 8:93-95 Ag '62.

COSMOGONY

Problem of the origin of stars. V. G. Fesenkov. Izv. Astrofiz. inst. AN Kazakh. SSR 2:3-33 '56.

Unsuitability of the accretional hypothesis in the problem of origin and evolution of white giants. G. M. Idlis. Izv. Astrofiz. inst. AN Kazakh. SSR 2:34-40 '56.

COSSACKS

The Don Cossacks in the Patriotic War of 1812 [with summary in English, p. 219]. A. P. Pronshtein, B. V. Chebotarev. Vop. ist. no. 9:34-39 S '62.

COST AND STANDARD OF LIVING
(see also subdivision under France, Uzbekistan)

Markuzon, F. D. [Household budgets in capitalist countries, 1918-1932] Biudzhety naseleniia v kapitalisticheskikh stranakh v 1918-1932 gg. Pod red. i s predisl. I. IA. Matiukhi. Moskva, Gosstatizdat, 1962. 85 p.

Nikolaeva, T. N. [Toward the highest standard of living] K samomu vysokomu zhiznennomu urovniu. Moskva, Gospolitizdat, 1962. 53 p. (V pomoshch' izuchaiushchim materialy XXII s"ezda KPSS)

COSTS, INDUSTRIAL

Additional possibilities for reducing production costs. V. Maslennikov. Fin. SSSR 23 no. 9:28-32 S '62.

Changes in the procedure for planning the costs of industrial production. M. Mikhailov. Plan. khoz. 39 no. 10:26-34 O '62.

Cutting the costs of production. F. G. Kardash. Gidroliz. i lesokhim. prom. 15 no. 6:25-26 '62.

For the further improvement of calculations. G. Bocharov. Bukhg. uchet 19 no. 7:27-32 Jl '62.

"Methods of determining the yearly economic effect of the use of the new technology." Reviewed by B. Eglazarian. Prom. Arm. 5 no. 9:18-22 S '62.

Vorob'eva, A. V. [Capital assets and production costs in industry] Osnovnye fondy i sebestoimost' produktsii v promyshlennosti. Moskva, Izd-vo Akad. nauk SSSR, 1962. 287 p.

COSTUME

Russian national costume as a source for studies of ethnic history. G. S. Maslova. Nar. tvor. ta etn. 6 no. 1:66-70 Ja-Mr '62.

COSTUME DESIGN

"Beauty contest." V. Orlov. Tekh. mol. 30 no. 9:5-6 '62.

COTTON

Conditions of the biosynthesis of vitamin B_1 and its role in the physiological and biochemical processes of the cotton plant. I. A. Pohanskaia. Izv. AN Turk. SSR, ser. biol. nauk no. 3:10-16 '62.

COTTON—FERTILIZERS AND MANURES see subdivision under Aras Valley; Tajikistan

COTTON—HARVESTING see subdivision under Yangi-Ayk District

COTTON—IRRIGATION
(see also subdivision under Uzbekistan)

Watering cotton using an irrigation network of flume canals. A. P. Kosov. Gidr. i mel. 14 no. 8:9-13 Ag '62.

COTTON BREEDING see subdivision under Soviet Central Asia

COTTON GROWING
(see also subdivision under Kirghizistan, Uzbekistan)

Effect of gibberellin on cotton. D. Agakishiev. Izv. AN Turk. SSR. Ser. biol. nauk no. 3:23-27 '62.

COTTON INDUSTRY

Preparation of industrial problems for solution by mathematical methods. L. I. Zamakhovskii. Tekst. prom. 22 no. 9:42-46 S '62.

COTTON MACHINERY

Baliasov, P. D., and others. [Laboratory manual on cotton spinning] Laboratornyi praktikum po priadeniiu khlopka. Izd. 2, perer. i dop. Moskva, Izd-vo nauchno-tekhn. lit-ry RSFSR "Rostekhizdat," 1962. 491 p.

COTTON SPINNING

Baliasov, P. D., and others. [Laboratory manual on cotton spinning] Laboratornyi praktikum po priadeniiu khlopka. Izd. 2., perer. i dop. Moskva, Izd-vo nauchno-tekhn. lit-ry RSFSR "Rostekhizdat," 1962. 491 p.

COUNTING DEVICES

Electromechanical counter for printed matter. B. L. Sverdlov, V. P. Baldin. Poligr. proizv. no. 9:22 S '62.

Probability of operational reliability of pulse counters. D. G. Poliak. Radiotekhnika 17 no. 10:52-53 O '62.

COURBET, GUSTAVE, 1819-1877

Once upon a time in Ornans.... A. Varshavskii. Znam.-stia 37 no. 6:11-45 Je '62.

COURTS
(see also subdivision under Latvia)

"Judicial system and public prosecution in the U. S. S. R." Reviewed by K. S. Tcterin. Sov. gos. i pravo 32 no. 10:142-146 O '62.

Let's improve the work of Soviet courts. V. Boldyrev. Sov. iust. no. 18:1-5 S '62.

COURTS OF HONOR

Ovsianko, D. M. [Educational role of the military courts of honor] Vospitatel'naia rol' ofitserskikh tovarishcheskikh sudov chesti. Moskva, Voenizdat, 1962. 77 p.

COVELLIN

Role of thiobacteria in the leaching of sulfide ores. V. I. Ivanov. Dokl. AN SSSR 146 no. 2:447-449 S '62.

COWS

Physiological, anatomical, and histological characteristics of the organism of cows of various constitutional types. Iu. D. Ruban. Visnyk sil'hosp. nauky 5 no. 8:86-91 Ag '62.

COWS—DISEASES AND PESTS see subdivision under Rostov Province

COWS—FEEDING AND FEEDS
(see also subdivision under Altai Territory)

Effect of urea and ammonium bicarbonate on the productivity of cows. N. P. Filipovich. Trudy Rost. NIVS no. 12:307-309 '60.

Rapid method for studying the structure of rations for dairy cows [with summaries in English, German, and French]. P. IA. Arandt. Vest. sel'khoz. nauki 7 no. 8:132-137 Ag '62.

CRACKING PROCESS

Effect of the volume of the reaction zone in direct-flow reactors on the cracking level of paraffinic gas oils. S. V. Goncharov. Khim. i tekh. topl. i masel. 7 no. 7:14-52 Jl '62.

Nonisothermal processes. Thermal cracking of methane. I. E. Volokhonovich and others. Dokl. AN SSSR 146 no. 2:387-390 S '62.

CRACKING PROCESS—EQUIPMENT AND SUPPLIES

Pneumatic-tube transportation by a high concentration flow. V. P. Vasilenko, V. V. Manshilin, N. Kh. Manakov. Khim. i tekh. topl. i masel. 7 no. 7:1-4 Jl '62.

CRACOW—DESCRIPTION

Town with a smile. V. Ilchedinskaia. Vokrug sveta no. 8:23-25 Ag '62.

CRACOW REGION—PALEOBOTANY, STRATIGRAPHIC

Tortonian flora of Swoszowice and Pliocene flora of Transcarpathia. I. A. Il'inskaia. Paleont. zhur. no. 3:102-110 '62.

CRANES, DERRICKS, ETC.

Akademiia stroitel'stva i arkhitektury SSSR. Institut organizatsii, mekhanizatsii i tekhnicheskoi pomoshchi stroitel'stvu. Biuro tekhnicheskoi informatsii. [Construction and assembly cranes for industrial construction, from materials of the "Design Office of the Main Administration for the Production and Assembly of Steel Elements" of the Ministry of Construction of the R. S. F. S. R.] Stroitel'no-montazhnye krany dlia promyshlennogo stroitel'stva, po materialam PI "Promstal'konstruktsiia" Ministerstva stroitel'stva RSFSR. Moskva, Gosstroiizdat, 1961. 91 p.

Bushuev, V. M. [BKMS-14P tower cranes for the unloading of lumber from river craft] Bashennye krany BKMS-14P na vygruzke pilomaterialov iz rechnykh sudov. [Moskva] Goslesbumizdat, 1956. 7 p.

Cantilever crane mounted in a window aperture. L. I. Vasilkov. Mont. i spets. rab. v stroi. 24 no. 9:30 S '62.

Crane for loading and unloading. B. Sulakvelidze. Avt. transp. 40 no. 9:54-55 S '62.

Improved system of operating the "Gnom" crane. M. Terent'ev, A. Belov. Rech. transp. 21 no. 9:17 S '62.

Rudin, S. N. [Assembly posts and cranes] Montazhnye machty i krany. Izd. 2. Moskva, Mashgiz, 1962. 102 p. (Biblioteka sleasaria-montazhnika, no. 4)

Shmakov, A. T. [Operation of cranes on pneumatic tires] Rabota na pnevmokolesnykh kranakh. Moskva, Gosstroiizdat, 1962. 203 p.

Using the KS-3 truck-mounted crane in the assembly of ground-level structures. G. A. Kharlamov. Stroi. truboprov. 7 no. 8:29 Ag '62.

CRANES, DERRICKS, ETC.—MAINTENANCE AND REPAIR

Specialized mobile unit for technical servicing of tower cranes. V. K. Gopolin, K. I. Krainiuk. Mekh. stroi. 19 no. 9:27-28 S '62.

CRANES, DERRICKS, ETC.—SAFETY MEASURES

Danilov, P. P. [Safety regulations for operators of portable cranes] Pamiatka po tekhnike bezopasnosti dlia mashinistov peredvizhnykh kranov. Moskva, Gosstroiizdat, 1962. 31 p. (Tekhnika bezopasnosti v stroitel'stve)

CRANES, DERRICKS, ETC.—SAFETY REGULATIONS

Ushakov, P. N., and A. G. Lyshkov. [Safety regulations in designing and operating hoisting cranes] Tekhnika bezopasnosti pri ustroistve i ekspluatatsii gruzopod'emnykh kranov. Moskva, Mashgiz, 1962. 217 p.

CRANKS AND CRANKSHAFTS

Investigation of a simplified method of determining the fatigue limits of cast crankshafts [with summary in English]. M. I. Gurf, R. P. Kubiak. Nauch. trudy inst. lit. proizv. AN URSR 11:111-117 '62.

CRAWLER TRACTORS see subdivision under United States

CRAWLER TRACTORS—STARTING DEVICES

Starting the 3-ton class crawler tractor at the rotated working speeds [with summary in English]. V. I. Anokhin. Izv. TSKHA no. 2:94-111 '62.

CREATION

7470 or 5,000,000,000? B. Konshechkin. Volov. ateist. no. 12:13-17 D '61.

CREATIVE ACTIVITIES AND SEAT WORK

Aljasmets, E., and H. Kunnat, comps. [Creative activities for students. Translated from the Estonian] Ruko delitin dlia shkol'nikov. Tallinn [Izd-vo "Eskusstvo Estonskoi SSR," 1962] 67 p.

Potekhin, I. N. [Modelling in elementary schools] Lepka v nachal'noi shkole. Moskva, Uchpedgiz, 1962. 87 p.

CREDIT
(see also subdivision under Alma-Ata Province, Germany, West, Manturovo, Kostroma Province; Vietnam, North)

Frei, L. I. [The credit and foreign exchange policy of capitalist countries] Kreditnaia i valiutnaia politika kapitalisticheskikh stran. Moskva, Vneshtorgizdat, 1962. 313 p.

"Studies on Soviet credit" by Iu. D. Shenger. Reviewed by N. Lisitsian, G. Shvarts. Vop. ekon. no. 9:116-123 S '62.

CREDIT—BIBLIOGRAPHY see Bibliography—Credit

CREEP OF CONCRETE

Creep mechanism in dispersed structures of crystallization. Z. N. TSilosani. Dokl. AN SSSR 146 no. 2:410-431 S '62.

CREEP OF MATERIALS

Relaxation problem of momentless shells of revolution. R. M. Kirakosian. Izv. AN Arm. SSR. Ser. fiz.-mat. nauk, 15 no. 3:71-76 '62.

CRLSOL

Terpene phenol c Part 4 Conversions of condensation products of camphene with m-cresol I A Khalfin and others Zhur ob khim 32 no 8,2714 2717 Ag '62

CRETINISM see subdivision under Czechoslovakia

CRIME AND CRIMINALS

Permanion and compulsion V, Shkvarkin, A Shlapochnikov, Sov, dejat, kraul, no, 10, 18-11 O '62

CRIME PREVENTION

(see also subdivision under Chuvashia, Kiev; Pechorsky District)

The role of public prosecutors in the education of workers N I Bushkov Sov pos i pravo 12 no 10 121-125 O '62

Shlapochnikov, A, S. [Struggle against parasites in the task of the whole nation] Borba s tunkhedstvom - vsenarodnoe delo. Moskva, Gosyurizdat, 1962. 60 p.

CRIMEA - CAVES

Ten watts against eternal night V Smirnov Vokrug sveta no,8 27 32 Ag '62.

CRIMEA - CORALS, FOSSIL

Study of Lower Cretaceous corals in the Crimea N S Dzhanidze. Trudy Geol inst AN Gruz SSR Geol ser 12 5 10 '61.

CRIMEA CORN (MAIZE)

Characteristics of the flowering of corn under arid conditions in the Crimea, S, P, Chkhonov, Sbor, trud, sup 1 mol, nauch, mats, VIII no, 1:84-89 '60

CRIMEA - FRUIT CULTURE

Kochetkova, V, A, I, S, Tolmanov, and A, N, Talavinov. [Backyard orchard] Sad u doma. Simferopol', Krymizdat, 1963. 140 p.

(DNAL)

CRIMEA - GASTROMYCETES

Materials on Crimean Gasteromycetes [with summary in English], M, IA, Zerova, Ukr, bot, zhur, 19 no 1 96-99 '62,

CRIMEA GRAIN HANDLING

Precast reinforced concrete funnel for the discharge of grain, M, Kurbatk, G, Dronishchin Mekh, selev, prom, 28 no, 7:27 Jl '62,

CRIMEA -HISTORY

Northern Black Sea region prior to ancient colonization, V, V, Tapin, Arkheologiia 14:17-30 '62,

CRIMEA - RELIEF (SCULPTURE)

Sculptural portraits of the Scythian kings, Skilura and Palaka, I, A, Shchukin, Sov, arkheol, 3 no, 1 250-261 '62,

CRIMEA -ROCKY MOUNTAIN SPOTTED FEVER

Distribution of the tick Rhipicephalus sanguineus Latr, in the Crimea and the Marmellan fever in man [with summary in English], A I, Leibman, I A Khokhlova, Zool zhur, 41 no,8:1163 1165 Ag '62,

CRIMEA - STONE AGE

New Stone Age finds in the Crimea, V, I, Petrenk, I, S, Pilipkov, Arkheologiia 14:167-183 '63,

CRIMEA - THEATER

"Theatrical Crimea" by M, Nazikova, "When the curtain goes up" by B, Rimantsev, Reviewed by N Gorodetskaia Teatr 23 no, 8:150-154 Ag '63,

CRIMEA -TICKS AS CARRIERS OF DISEASE

Distribution of the tick Rhipicephalus sanguineus Latr in the Crimea and the Marmellan fever in man [with summary in English] A I, Leibman, I A Khokhlova, Zool zhur 41 no 8 1163 1165 Ag '62,

Period of dormancy in the walnut A, A, Rovin, Sbor, trud, sup, 1 mol, nauch, mats, VIII no, 1:305-401 '60

CRIMEAN MOUNTAINS--CAVES

Making wider use of the excursions to caves, V, N, Dublianskii, Nov, kar, i spel, no, 2:67 71 '61,

CRIMEAN MOUNTAINS--GEOMORPHOLOGY

On certain general features in the geomorphological structure of the Crimean Mountains, V, S, Ponomar, Geog, zhur, no, 6:99-05 '62,

CRIMEAN MOUNTAINS--KARST

Hydrogeological indications of the presence of various types of karst in the Crimean Mountains, I, G, Gluklov, Nov, kar, i spel, no, 2:30-36 '61,

Making wider use of the excursions to caves, V, N, Dublianskii, Nov, kar, i spel, no, 2:67-71 '61,

Some features in the use of electric prospecting to study karsts in the Crimean Mountains, IA, S, Rapuzhak, D, M, Smolnikov, Geofiz, sbor, no, 3:36-40 '62,

Study of karst in the Crimean Mountains by the Karst Expedition of the Academy of Sciences of the Ukrainian S, S, R, B, N, Ivanov, Nov, kar, i spel, no, 2:30-43 '61,

CRIMINAL INVESTIGATION

[Akulovich, N, A, [The conclusive phase of pretrial investigation] Okonchanie predvaritel'nogo sledstviia, Moskva, Gosyurizdat, 1962, 144 p.

Kanceeva, L, M, [Procedure in charging a person with a criminal offense, a methodological manual] Privlechenie v kachestve obvinlaemogo, metodicheskoe posobie, Moskva, Gosyurizdat, 1962, 91 p.

CRIMINAL LAW

(see also subdivision under Turkmenistan)

Answering our readers' questions Sov just no 10 '62 5 '63

CRIMINAL OMISSION see Omission, Criminal

CRIMINAL PROCEDURE

"Democratic principles of Soviet criminal procedure" by M, L, Mash, Reviewed by N, S, Alekseev and others, Vest, Leff 17 no, 17:115-118 '62,

The legislation of lay prosecutors and lay defenders K I Ioannesian Sov pos i pravo 12 no, 10 125 129 O '62

CRIMINAL STATISTICS

Role of criminal statistics in the study of crime, S S Ostroumov, Sov, pos i pravo 12 no 10 87-95 O '62

CRITICISM, TEXTUAL

Conference on Problems of Textual Criticism, Rad, lit 5 no, 5 157-159 5-O '62,

CROATIA--COMMERCE--SLOVENIA

History of Croatian trade with Slovenia from the late 18th to the first half of the 19th century, I, I Dembitskaia, Uch, zap, Inst slav 24:279-291 '62,

CROATIA--LAND TENURE

Land tenure and rural commune in Dalmatian Croatia in the 16th and 17th centuries, I, A Ivernov Uch zap, Inst, slav, 24:260-311 '62,

CROP YIELDS

Quantitative expression of the interrelation between plant productivity and effective fertility in plantations [with summaries in English, German, and French], B, I, Gaetin, Vest, sel'khoz, nauki 7 no, 8:141-151 Je '62,

CROPS AND CLIMATE

(see also subdivision under Caucasus, Northern, Siberia, Soviet Far East, Virgin Territory)

Agroclimatic zoning of potato fallows [with summaries in English, German, and French], V, M, Bellis, M, D, Zlotnikov, Vest, sel'khoz, nauki 7 no, 8:60-61 Ag '62,

Agroclimatic zoning of the U, S, S, R according to the hemp yield, V, A, Gudimova, Trudy NIIAK no, 16:31-91 '62

Agroclimatic zoning of the U, S, S, R according to the Sudan grass (Sorghum sudanense) yield A T, Nakhodova, Trudy NIIAL no 1962-68 '62

Evaluation of the agrometeorological conditions for growing spring wheat in the steppe and forest steppe zones of the R, S, F, S, R, I, P, Ponomarev, Trudy TSIP no, 101:1 35 '62,

Indirect method of determining the weight of growing corn for purposes of making an agrometeorological evaluation of its growth, A, V, Karpova, Trudy TsIP no 101 103 107 '62,

Measures for improving the climatic conditions which are essential in order to increase the agricultural production of the U, S, S, R, P, I, Kolonkov, Trudy NIIAK no, 16:66 78 '63

CROSS AND CROSSES see subdivision under Voznesenovo

CRUSADES

Dunlop "Pilgrimage" and the First Crusade, N, V Volosnov, Uch, zap, MGPI 178:16-35 '62,

CRUSHED STONE INDUSTRY--COSTS see subdivision under Leningrad

CRUSHING MACHINERY

Manufacture of grinding balls at the "Azovstal'" Plant, N P, Dubko and others Met, i gornorud, prom, no, 1 77 81 Jl-Ag '62,

CRYSTAL LATTICES

Connection between the crystal structure and magnetic properties of the Alnico alloy, IA, S, Shur, L, M, Mogat, A, N, Temchenko, Fiz, met, i metalloved, 14 no, 3 458-463 S '62,

Effect of electrons and quasi-particles of the lattice on the absorption of sound in solids, L, A, Sverguinenko, Izv, vys, uch, zav,; fiz, no, 4:46-53 '62,

Hardening of ordered cold-deformed Ni-Cr alloys during low-temperature annealing, IA, P, Selinskii, Fiz, met, i metalloved, 14 no, 3:466-473 S '62,

Ordering mechanism in formula semiconductor compounds, L, S, Palatnik, V, M, Koshkin, L, P, Galchinetskii, Fiz, tver, tela 4 no, 9:2368-2371 S '62,

Study of the energy spectra of electrons in a crystal, Part 4, N, V, Kudriavtseva, V, A, Chaldyshev, Izv, vys, uch, zav,; fiz, no, 4:98-106 '62,

Surface energy of certain oxides, sulfides, and selenides, S, N, Zadumkin, V, Kh, Khalamkhanov, Izv, vys, uch, zav,; fiz, no, 4:112-114 '62,

Temperature dependence of the isotopic effect in the nickel lattice [with summary in English], V, S, Kogan, A, S, Bulatov, Zhur, eksp, i teor, fiz, 42 no, 6:1190-1201 Je '62,

Theory of ordered ferromagnetic alloys, Part 1, V, M, Dantsenko, A, A, Smirnov, Fiz met, i metallored, 14 no, 1:111-117 S '62,

Theory of phase transformations in binary systems, I, I, Aptekar', D, S, Kamenetskaia, Fiz, met, i metallored, 14 no, 3 358-365 S '62,

CRYSTALLIZATION

Certain peculiarities of the recrystallization of ordered alloys, A, V, Preminkov, L, I, Dantova, Fiz met, i metallored 14 no, 1 161-162 S '62,

Creep mechanism in dispersed structures of crystallization Z, N Urbanovich Dokl, AN SSSR 146 no 2 416-421 S '62

Crystallization of aluminosilicates in low melting melts Z N Zonn, I S Shchevskaia Zhur neorg khim 7 no 8,2 1910 1916 S '62

Effect of complex formation on the separation of elements during recrystallization proceeding in accordance with the logarithmic law, N, B, Mikheev and others, Zhur, neorg, khim 7 no 8, 1767-1770 '62,

CRYSTALLOGRAPHY

Thermodynamics of surface phenomena in a single crystal, Part 1, Equilibrium form of a single crystal [with summary in English], A I, Rusanov Vest, LGU 17 no, 16 82-88 '62,

Twins or cracks? G, B, Bokii, Izv, vys, uch, zav,; fiz, no, 4:70-82 '62,

CRYSTALS

Some characteristics of the electron-nuclear resonance of local electron centers near the surface of a nonmetallic crystal, M, D, Glinchuk, M, F, Deigen, Fiz tver, tela 4 no, 9:2591-2599 S '62

CRYSTALS--MAGNETIC PROPERTIES

Spin-spin interactions via a phonon field in paramagnetic crystals [with summary in English] I, L, Ambrov, D, I, Kochelaev, Zhur, eksp i teor, fiz 42 no 6:1810 1100 My '62,

CRYSTALS - OPTICAL PROPERTIES

Anisotropy of exciton absorption of light in wurtzite type crystals, V, S, Gutinkov, Fiz, tver, tela 4 no 9: 2622-2624 S '62,

CRYSTALS SPECTRA

Inelastic scattering of slow neutrons on arbitrary crystals and the general problem of reconstructing the phonon spectrum [with summary in English], M, Kagan, Zhur, eksp i teor, fiz, 42 no, 6:1475-1485 My '62,

CRYSTALS THERMAL PROPERTIES

Similarity of dispersion curves of the characteristic frequencies of diamond type crystals, T, I, Kucher, Fiz, tver, tela 4 no, 9:2385-2392 S '62,

Temperature dependence of the thermal resistance of certain crystals near the Debye temperature, E, D, Dovlatkova, I, A, Smirnov, Fiz, tver, tela 4 no, 9: 2567-2573 S '62,

CRUCIBLES

Crucibles made of calcium oxide, P, S, Manykin, Sci, Zlatkin, Ogneupory 27 no, 8,376 380 '62,

CUBA--COMMERCE--RUSSIA

"Trade ties between Cuba and U, S, S, R, developing and growing stronger" R Maldonado Vneshn torg 42 no 9 24 25 '62,

CUBA - COMMUNISM

Ostroverov, G, M, , and others, [Cuba, year] Kuba - god [Moskva] Molodaia gvardiia, 1961, 91 p,

CUBA--DESCRIPTION AND TRAVEL

Kuz'minichev, V, A, [Cuba] Kuba, Moskva, Sovetskii khudozhnik, 1961, 67 p, illus,

CUBA--FOREIGN RELATIONS--UNITED STATES

Mr, Bush's troubles, Iu, Bochkarev, Nov, vrem, 39 no, 44:8-10 O '62,

The Pentagon's black guard, V, Dymov, Nov, vrem, 39 no, 44:7-11 O '62,

Reckless playing with fire, Nov, vrem, 39 no, 44:1-2 O '62,

CUBA--GOVERNMENT OWNERSHIP

Developing the state sector of the Cuban national economy, O, Ottiano, Mir, ekon, i mezhdunar, otn, no, 10:119-123 O '62,

CUBA--INVASION, 1961

Fascist intrigues in Colombia, Mol, mira no, 7:7 '61,

The Pentagon's black guard, V, Dymov, Nov, vrem, 39 no, 44:7-11 O '62,

Venezuela says yes, Yankees say no! Mol, mira no, 7:4 '61,

CUBA--TELECOMMUNICATION

On a visit to Cuban communication workers, Vest, svias 22 no, 9:1 of cover S '62,

CUCUMBERS--DISEASE AND PEST RESISTANCE

Effect of zinc in increasing the resistance of various cucumber varieties to bacteriosis, M, N, Rodigin, T, I, Minaeva, Dokl, AN SSSR, 146 no, 2 478-479 S '62,

CULTIVATORS

The KON-2, SPM cultivator-ridger. B. P. Chernobaev. Trakt. i sel'khozmash. 32 no. 10 39-40 O '62.

New method for strengthening cutting parts of soil-cultivating machines. V. N. Tkachev. Mashinostroenie no. 4 96-99 Jl-Ag '62.

CULTURE

Adamovich, G. V. [Contribution of Russian emigrés to world culture] Vklad russkoi emigratsii v mirovuiu kul'turu. Paris, 1961. 16 p. (NjP)

CUMANS see Kipchaks

CUMENE

Alkaline oxidation of isopropylbenzene. Part 3. Some kinetic regularities of the process of oxidation in alkaline media. V. A. Simanov, M. S. Nemtsov. Zhur. ob. khim. 32 no. 9 2914-2918 S '62.

Alkaline oxidation of isopropylbenzene. Part 4. Effect of by-products of oxidation of isopropylbenzene. V. A. Simanov, M. S. Nemtsov. Zhur. ob. khim. 32 no. 9 2919-2925 S '62.

Alkaline oxidation of isopropylbenzene. Part 5. Effect of sulfur compound impurities. V. A. Simanov, M. S. Nemtsov. Zhur. ob. khim. 32 no. 9 2925-2929 S '62.

Synthesis and autoxidation of isopropylcyclohexylbenzene. I. N. Novikov and others. Zhur. ob. khim. 32 no. 9 2954-2957 S '62.

CUPOLA FURNACES

Using optimalizing blast control in cupola process. V. IA. Soltyk. Mashinostroenie no. 4 52-56 Jl-Ag '62.

CURARE

Use of controlled respiration in combination with curare for treating acute convulsive states in childhood [with summary in French]. László Muraányi and others. Zhur. nevr. i psikh. 62 no. 7:1000-1005 '62.

CURRENCY QUESTION

Confused "currency problem" on both sides of the Atlantic. O. Bogdanov. Mir. ekon. i mezhdunar. otn. no. 10:98-101 O '62.

CURRENTS, ELECTRIC see Electric currents

CURVES

Mnseera's method for proving the uniqueness of a limiting cycle. M. I. Voilokov. Izv. vys. uch. zav. mat. no. 5:22-28 '62.

Theory of curves in a projective n-dimensional space. A. S. Udalov. Dokl. AN SSSR 146 no. 1 43-46 S '62.

CURVES, ALGEBRAIC

Some problems concerning the topology of plane algebraic curves. D. A. Gudkov. Mat. sbor. 58 no. 1:95-127 S '62.

CUSHING SYNDROME

Case of successful surgical treatment of corticosteroma with Itsenko-Cushing syndrome. I. D. Matsnev, IA. M. Miloslavskii. Klin. med. 40 no. 6:109-112 Je '62.

CUTTING MACHINES

Cutting off with a blade under varying cutting conditions. A. A. Nikitin. Vest. mashinostr. 42 no. 9:73-77 S '62.

New unit for cutting cellular concrete. A. N. Telisov. Stroi. i dor. mash. 7 no. 8:30-32 Ag '62.

Semiautomatic chamfering machine. E. D. Sergeev. Mashinostroenie no. 4:114 Jl-Ag '62.

Semiautomatic machine for cutting periodic rolled stock for bicycle bushes. G. V. Skliarov. Mashinostroenie no. 4:14-15 Jl-Ag '62.

CUTWORMS see subdivision under Karabalykskiy District

CYANOCOBALAMINE

Changes in natural immunity and the content of vitamin B_{12} in leukemia in relation to treatment. V. A. Akkerman and others. Probl. gemat. i perel. krovi no. 8: 3-11 '62.

Content of vitamin B_{12} in the blood and organs of healthy subjects. O. V. Kurlov. Leb. delo 8 no. 8:24-27 Ag '62.

Gol'dberg, A. L. [Agastric vitamin B_{12}-deficiency anemia; late sequelae of total gastrectomy] Agastricheskie B_{12}-defitsitnye anemii, otdalennye posledstvila total'noi gastrektomii. Tomsk, Izd-vo Tomskogo univ., 1962. 123 p.

Isolation of the coenzyme of vitamin B_{12}. L. IA. Areshkina and others. Dokl. AN SSSR 146 no. 1:207-209 S '62.

Regularities in the formation of vitamin B_{12} in the production of feed biomycins. N. IA. Fedorova, S. V. El'chitai. Khar. prom. no. 2:68-71 Ap-Je '62.

CYBERNETICS

Automats, thinking, and life. A. Kondratov. Znan.-sila 37 no. 6:16-19 Je '62.

Cybernetical approach to educational theory. L. N. Landa. Vop. filos. 16 no. 9:75-87 '62.

Living model or a model of a living being? V. Chavchanidze. Znan.-sila 37 no. 6:19 Je '62.

Nature's engineering arts. V. Bel'kevich, E. Vende, I. Vil'iams. Tekh. mol. 30 no. 9:37-38 '62.

Nitskanskii, S. G. [Use of cybernetics in natural sciences] Primenenie kibernetiki v estestvoznanii. Kishinev, Izd-vo sel'khoz. lit-ry, 1962. 40 p.

The past and present of bioelectronics. I. Litinetskii. Agitator no. 20:43-46 O '62.

Philosophical problems of cybernetics. B. I. Seinkov. Vest. AN SSSR 32 no. 9:126-131 S '62.

Reliability in the living nature. V. I. Siforov, G. B. Linkovskii. Priroda 51 no. 7:27-30 Jl '62.

Science of great possibilities. A. I. Berg. Priroda 51 no. 7 16-22 Jl '62.

Some achievements of cybernetics in the light of the Marxist-Leninist theory of the nature of consciousness. E. Kh. Gimel'shtein. Nauch. dokl. vys. shkoly, filos. nauki 5 no. 3:66-74 '62.

CYBERNETICS—CONGRESSES

Cybernetics, natural science, philosophy; a theoretical conference at the Moscow House of Scientists. Priroda 51 no. 8:114-116 Ag '62.

CYCADOPHYTA see subdivision under Yakutia

CYCLIC COMPOUNDS

Significance of cyclic transition complexes in the mechanism of organic reactions. I. N. Rengevich, V. I. Stanivets, E. A. Shilov. Dokl. AN SSSR 146 no. 1:111-114 S '62.

CYCLOALKYLATION

Cycloalkylation of aromatic compounds. Part 20: Alkylation of benzene by methylcyclohexanols, cyclohexylcarbinol, and chloromethylcyclohexanes. N. G. Sidorova. Zhur. ob. khim. 32 no. 8:2642-2649 Ag '62.

CYCLOHEPTATRIENE

Structural isomerism of cycloheptatriene under conditions of the Diels-Alder reaction. E. M. Milyutinskii, A. F. Plate. Zhur. ob. khim. 32 no. 8:2566-2576 Ag '62.

CYCLOHEXANE

Formation of benzene in the reaction of N,N-dimethylaniline with 1,2-dibromocyclohexane. V. A. Cherkasova. Zhur. ob. khim. 32 no. 9 2792 S '62.

Synthesis and properties of cyclohexane and cyclohexene alcohols of the RCHOHC≡CH type. G. P. Kugatova-Shemiakina and others. Zhur. ob. khim. 32 no. 8: 2449-2455 Ag '62.

CYCLOHEXANOL

Cycloalkylation of aromatic compounds. Part 22: Alkylation of toluene and mesitylene by cyclohexanol. N. G. Sidorova, I. I. Kartseva. Zhur. ob. khim. 32 no. 9:2785-2789 S '62.

Cycloalkylation of aromatic compounds. Part 23: Reaction of benzene with 2- and 3-cyclohexylcyclohexanols. N. G. Sidorova, A. I. Ivanova. Zhur. ob. khim. 32 no. 9 2790-2791 S '62.

CYCLOHEXANONE

Conversion of 2-methylmethylenecyclohexanone to pimelic acid. I. P. Vinogradova, S. I. Zav'ialov. Zhur. ob. khim. 32 no. 8:2744 Ag '62.

Formation of free radicals in the reaction of hydroperoxide with cyclohexanone. L. T. Denisov. Dokl. AN SSSR 146 no. 2 394-397 S '62.

Tetracyclines. Part 12. Method of introducing a N,N-dimethylglycine radical into the cyclohexanone ring. M. N. Kolosov, IU. A. Berlin. Zhur. ob. khim. 32 no. 9:2893-2905 S '62.

CYCLOHEXENE

Synthesis and properties of cyclohexane and cyclohexene alcohols of the RCHOHC≡CH type. G. P. Kugatova-Shemiakina and others. Zhur. ob. khim. 32 no. 8: 2449-2455 Ag '62.

CYCLOHEXYLAMINE

Synthesis of dicyclohexylamine nitrite, an inhibitor of the atmospheric corrosion of metals. S. Z. Levin, I. S. Diner, V. N. Kuchinskii. Khim. prom. no. 8:568-570 Ag '62.

CYCLOIDS, MIXED (CHEMISTRY) see Heterocyclic compounds

CYCLONES see subdivision under Bering Sea; Okhotsk, Sea of

CYCLOPENTADIENE

Substituted cyclopentadienes and related compounds. Part 1: 1,3-Dimethylcyclopentadiene. V. A. Mironov, M. V. Mavrov, A. N. Elizarova. Zhur. ob. khim. 32 no. 8:2723-2731 Ag '62.

Substituted cyclopentadienes and related compounds. Part 2: 1,3-Dimethylcyclopentadiene. V. A. Mironov, A. N. Elizarova. Zhur. ob. khim. 32 no. 8: 2731-2738 Ag '62.

Synthesis of endo- and exo-2-methylbicyclo [2, 2, 1] heptanes. Steric directivity of the reaction of cyclopentadiene with propylene. N. A. Belikova, V. G. Berezkin, A. F. Plate. Zhur. ob. khim. 32 no. 8:2042-2051 S '62.

CYCLOPENTADIENE—SPECTRA

Vibrational spectra of ferrocenes. Part 1. Calculation of normal vibrations of the cyclopentadiene ring of ferrocene. L. S. Maiants, B. V. Lokshin, G. B. Shaltuper. Opt. i spektr. 13 no. 3:317-323 S '62.

CYCLOPENTANE

Calculation and interpretation of vibrational spectra of naphthenes. Part 5. Intensities and depolarizations in Raman spectra of cyclopentane and deuterocyclopentane. N. I. Pitsokhova, L. M. Sverdlov. Opt. i spektr. 13 no. 3:321-330 S '62.

Investigation of gumbrin and askanite as dehydrating, isomerizing, and alkylating catalysts. Part 10: Isomerization of isopropylcyclopentane in the liquid phase in the presence of gumbrin. Kh. I. Aronzhidze, Z. M. Dzhabiadze. Zhur. ob. khim. 32 no. 8 2654-2659 Ag '62.

Synthesis of hydrocarbons. Part 78: New synthesis of 1, 1, 3, 3, 4-pentamethylcyclopentane. B. IA. Levina, K. S. Shamazarov and others. Zhur. ob. khim. 32 no. 8 2647-2650 Ag '62.

CYCLOPENTANOL

Cycloalkylation of aromatic compounds. Part 21: Alkylation of benzene by 1- and 3-methylcyclopentanols. N. G. Sidorova. Zhur. ob. khim. 32 no. 8 2649-2653 Ag '62.

CYCLOPENTENE

Substituted cyclopentadienes and related compounds. Part 3: 1, 5- and 2, 4-Dimethylcyclopentenes. V. A. Mironov, M. V. Mavrov, A. N. Elizarova. Zhur. ob. khim. 32 no. 8:2739-2742 Ag '62.

CYCLOSERINE

Effect of cycloserine stereoisomers on the synthesis of protein and the lysis of B. coli cells [with summary in English]. R. K. Lodneva, P. D. Vyshepan, K. I. Ivanova. Antibiotiki 7 no. 8:724-729 Ag '62.

CYCLOTRON

Adjusting the radial topography of the magnetic field in cyclotrons. IU. K. Petrov, A. V. Peshkov, V. N. Kushnina. Izv. vys. uch. zav.: fiz. no. 4:21-27 '62.

CYCLOTRON RESONANCE

Theory of acoustic cyclotron resonance in metals [with summary in English]. E. A. Kaner. Zhur. eksp. i teor. fiz. 43 no. 1 216-225 Jl '62.

CYLINDERS

Dynamic expansion of an elastoplastic cylinder considering the breakdown of material [with summary in English]. M. P. Pavliuk. Prykl. mekh. 8 no. 4:119-124 '62.

Grinding of the cylinders of truck and tractor engines and cylinder openings of machine parts by means of precession heads [in Armenian with summary in Russian]. Z. A. Melkonian. Izv. Upr. sel'khoz. nauki Arm. SSR 5 no. 8:17-27 '62.

CYLINDERS—WELDING

Automatic machine for welding girth joints in cylindrical objects in an automatic line. G. P. Dubenko, M. D. Litvinchuk, V. P. Livinskii. Avtom. svar. 15 no. 9:73-76 S '62.

CYLINDROID

Cylindroid of reference of a linear complex. R. N. Shcherbakov. Izv. vys. ucheb. zav., mat. no. 3:177-180 '62.

CYPRUS—POLITICS AND GOVERNMENT

Georgiou' rock. B. Tarlanovskii. Vokrug sveta no. 8: 5-7 Ag '62.

CYSTIC FIBROSIS

Mucoviscidosis in children. G. A. Makovetskaia. Vop. okh. mat. i det. 7 no. 8:70-81 Ag '62.

CYSTS

Case of suppuration of a giant cyst of the right lung. I. A. Gontsov. Zdravookhranenie 5 no. 4:52-53 Jl-Ag '62.

CYTOTOXIC DRUGS

Akademiia meditsinskikh nauk SSSR, Moscow. [Aurantin, an antineoplastic antibiotic preparation from the netimomycin group; experimental study and the results of a clinical test] Aurantin-protivoopukholevyi antibioticheskii preparat iz gruppy aktinomitsinov; eksperimental'noe izuchenie i rezul'taty klinicheskogo ispytaniia. Moskva, Medgiz, 1962. 279 p. (DNLM)

Potential cytotoxic groupings. Part 2: Diurethan derivatives of phenylacetic acid. A. IA. Berlin, L. S. Agu-zhinskii. Zhur. ob. khim. 32 no. 9:3091-3096 S '62.

CZECH LITERATURE—HISTORY AND CRITICISM

Moscow. Akademiia obshchestvennykh nauk. [Problems of Bulgarian and Czechoslovak literature] Voprosy bolgarskoi i chekhoslovatskoi literatury. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1962. 271 p.

Our times as portrayed by young Czech prosaists. Jan Petrmichl. Lit. slav. nar. no. 7:178-183 '62.

CZECHOSLOVAKIA—AUTHORS

Russian writers in Czechoslovakia. N. V. Vodoverov. Uch. zap. MGPI 178:186-218 '62.

CZECHOSLOVAKIA—BALLET

Continuation of a friendship. N. Sheremet'evskaia. Teatr 23 no. 9:178-183 '62.

CZECHOSLOVAKIA—BIBLIOGRAPHY
[New literature on Czechoslovakia] Nov. lit. po Chekh. no. 3/1 '62

CZECHOSLOVAKIA—BOTANY—PERIODICALS
"Preslia" [in Czech]. Vols. 32-33. Reviewed by I. P. and N. S. Bilokin'. Ukr. bot. zhur. 19 no. 1:107-111 '62.

CZECHOSLOVAKIA—CRETINISM
Psyche and psychopathological signs in endemic degeneration. O. Skalíčková and others. Zhur. nevr. i psikh. 62 no. 7:1053-1057 '62.

CZECHOSLOVAKIA—DESCRIPTION AND TRAVEL
In socialist Czechoslovakia, a traveler's notes. L. Pa[illegible]tseva. Nar. obr. no. 9:91-94 S '62.

CZECHOSLOVAKIA—DETONATORS—TESTING
Conditions for dependable blasting with Czechoslovak DLM electric detonators. D. M. Grinberg. Vzryv delo no. 10/5 23-27 '62.

CZECHOSLOVAKIA—ECONOMIC CONDITIONS
How the people of a fraternal country are building a new life. N. Snezhkova. Komm. Bel. 16 no. 9:61-65 S '62.

CZECHOSLOVAKIA—EDUCATION
In socialist Czechoslovakia; a traveler's notes. L. Pa[illegible]tseva. Nar. obr. no. 9:91-93 S '62.

CZECHOSLOVAKIA—EDUCATION, HIGHER
In a united front with the people. A. N. Gorshenev. Vest. vys. shkoly. 20 no. 8:80-85 Ag '62.

CZECHOSLOVAKIA—GLASS FURNACES
Electric glass tank furnaces with "deep action" (from "Sklo a keramik," no. 9, 1961). Stek. i fer. 19 no. 9:11-5 '62.

CZECHOSLOVAKIA—HISTORY
Kopecký, Václav. [Memoirs; from the history of the Czechoslovak Republic and the struggle of the Communist Party of Czechoslovakia for the victory of socialism] Vospominaniia; iz istorii Chekhoslovatskoi respubliki i bor'by Kommunisticheskoi partii Chekhoslovakii za pobedu sotsializma. Moskva, Izd-vo inostr. lit-ry, 1962. 630 p. [Publ. in Czech as CSR a KSČ; Pamětí . . .]

CZECHOSLOVAKIA—LABOR AND LABORING CLASSES
Studies of workers' folklore and mode of life in Czechoslovakia. N. M. Veletsila. Nar. tvor. ta etn. 6 no. 1 79-86 Ja-Mr '62.

CZECHOSLOVAKIA—MACHINERY INDUSTRY
Gus'kov, A. V. [Manufacture of shaped parts by the extrusion method in the Czechoslovak Socialist Republic, stenographic record of a lecture] Izgotovlenie fasonnykh detalei metodom vydavlivaniia v Chekhoslovatskoi Sotsialisticheskoi Respublike; stenogramma lektsii, prochitannoi v LDNTP na kratkosrochnom seminare "Shtampovka kholodnym vydavlivaniem." Leningrad, 1962. 26 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Serlia. Gorichaia i kholodnaia obrabotka metallov davleniem)

CZECHOSLOVAKIA—METAL CUTTING
Multiple machining of parts in Czechoslovakian plants. I. P. Donchik. Mashinostroenie no. 4:124-126 Jl-Ag '62.

CZECHOSLOVAKIA—MORPHOLOGY
Visiting Czechoslovak morphologists. V. V. Ginzburg. Arkh. anat., gist. i embr. 43 no. 7:121-124 Jl '62.

CZECHOSLOVAKIA—MORPHOLOGY—PERIODICALS
Czechoslovak morphology journal, "Československá morfologie", for 1961. V. S. Revazov. Arkh. anat., gist. i embr. 43 no. 7:111-114 Jl '62.

CZECHOSLOVAKIA—MOUNTAINEERING—ACCIDENTS
Alarm in the mountains. Zdenek Stanberia. Vokrug sveta no. 8:42-44 Ag '62.

CZECHOSLOVAKIA—MUSICOLOGY
Development of Polish and Czechoslovak musicology in 1945-1960. I. F. Belza. Uch. zap. Inst. slav. 25:103-134 '62.

CZECHOSLOVAKIA—PUNCHED CARD SYSTEMS
Practice of using dual cards in enterprises of the Czechoslovak Socialist Republic. Jaroslav Kubesa. Bukhg. uchet 19 no. 7:67-71 Jl '62.

CZECHOSLOVAKIA—RELATIONS (GENERAL) WITH RUSSIA
Great example of the new forms of life. G. Fučíkova. Agitator no. 20:23-26 O '62.

CZECHOSLOVAKIA—ROADS—DESIGN
Characteristics of road design in Czechoslovakia. S. Treskinskii. Avt. dor. 25 no. 8:27-28 S '62.

CZECHOSLOVAKIA—TELEPHONE LINES
Graphical method for grouping the factory lengths of cables with consideration of the input impedance of coaxial pairs. A. Pantuchek. Vest. sviazi 22 no. 9:7-8 S '62.

CZECHOSLOVAKIA—TRADE UNIONS
History of the organization of red trade unions in Czechoslovakia, 1921-1923. G. P. Murashko. Uch. zap. Inst. slav. 24:133-168 '62.

CZEKANOWSKI, JAN
Apropos of Jan Czekanowski's answer [with summary in English] G. F. Debets. Sov. etn. no. 4:119-121 Jl-Ag '62.

Some remarks on the methods of race analysis in the works of Jan Czekanowski and his school [with summary in English] V. P. Alekseev, I. A. Trofimova, N. N. Cheboksarov. Sov. etn. no. 4:122-137 Jl-Ag '62.

DAGHESTAN—HISTORY—BIBLIOGRAPHY
Izmailova, B., V. Kanaikh, and L. Sedova. [Soviet Daghestan, a recommended reading list on the history of Daghestan] Sovetskii Dagestan, rekomendatel'nyi ukazatel' literatury po istorii Dagestana. Makhachkala, Dagestanskoe knizhnoe izd-vo, 1960. 73 p.

DAGHESTAN—MOHAMMEDANISM
Adventures of the present-day "saints." I. Makatov. Nauka i rel. no. 6:35-36 Je '62.

DAGHESTAN—SURGERY
Askerkhanov, R. P., ed. [Essays on the history of surgery in Daghestan] Ocherki po istorii khirurgii v Dagestane. Makhachkala, Dagestanskoe knizhnoe izd-vo, 1960. 215 p.

DAIRY BARNS
Practices in the maintenance of dairy cattle under the conditions of mechanized livestock farms [with summary in English]. I. I. Lakoza, A. B. Levin. Izv. ISKHA no. 2:57-67 '62.

DAIRY CATTLE BREEDING
Increasing the butterfat content in dairy cattle [with summaries in English, German, and French]. A. N. Bakalo. Vest. sel'khoz. nauki 7 no. 6:60-67 Je '62.

DAIRYING see subdivision under Nesvizh District, Zhlobin District

DAIRYING—HYGIENIC ASPECTS see subdivision under Kostroma Province

DAKAR—DESCRIPTION
In Senegal, travel notes. A. Shulepnikov. Nov. vrem. 20 no. 13:26-28 O '62.

DALI-DAG (AZERBAIJAN)—URANIUM
Distribution of uranium in the Dali-Dag intrusive massif [in Azerbaijan] with summary in Russian] G. Kh. Efendiev, A. N. Nuriev, A. S. Geidarov. Uch. zap. AGU Geol.-geog. ser. no. 6:3-10 '59.

DAMASCUS—EXHIBITIONS
U. S. S. R. at international exhibitions and fairs. P. Brigadnov, M. Chernikov, A. Popov. Vnesh. torg. 42 no. 8:20-21 '62.

DAMPING (MECHANICS)
Nozzle-type damper for reducing the low-frequency suction noise of the D and DP 30/50 engines. A. B. Kane. Vest. mashinostr. 42 no. 9:53-54 S '62.

DAMS
(see also subdivision under Golovnaya Hydroelectric Power Station; Ingur Hydroelectric Power Station, Sukhan-Darya River)
Construction and testing of a dam made with three-hinged arched chords. K. A. Mal'tsov, S. A. Kuz'min. Energ. stroi. no. 27:48-54 '62.

Moscow. Vsesoiuznyi gosudarstvennyi proektnyi institut "Gidroenergoproekt." [Geology and dams] Geologiia i plotiny. Pod obshchei red. A. A. Borovogo. Moskva, Gosenergoizdat. (Its Materialy po proektirovaniiu gidroenergeticheskikh uzlov. Serlia 2 Izyskaniia) Vol 2. 1962. 151 p.

Moscow. Vsesoiuznyi gosudarstvennyi proektnyi institut "Gidroenergoproekt." [Large dams of the U. S. S. R.] Bol'shie plotiny SSSR, Moskva, Gosenergoizdat, 1962. 270 p.

Prefabricated elements of the outlet part of the drainage of earth dams. V. IA. Krasnov, B. A. Kudin. Izv. vys. uch. zav., stroi. i arkhit. 5 no. 4:145-148 '62.

DAMS—CONGRESSES
The 29th Session of the Executive Committee of the International Commission on Large Dams. D. B. Vol'fberg. Gidr. stroi. 32 no. 8:60-61 Ag '62.

DANIIL, Abbot, d. 1122
Daniil's "Pilgrimage" and the First Crusade. N. V. Vodovozov. Uch. zap. MGPI 178:16-35 '62.

DANISH LANGUAGE—HISTORY
Novakovich, A. S. [The Danish language] Datskii iazyk. Moskva, Izd-vo in-ta mezhdunarodnykh otnoshenii, 1962. 63 p. (IAzyki narodov mira)

DANOVSKII, BOIAN
Boian Danovskii. Dimitr Kanushev. Teatr 23 no. 9:186-187 S '62.

DANUBE DELTA—NATURAL RESOURCES
Thousand kilometers across the reed "forest." A. Zverova. Vokrug sveta no. 8:26 Ag '62.

DARALAGEZ RANGE—TERPHRITE
Hauyne tephrite of the western Daralagez (Armenia). A. S. Ostroumova. Trudy VSEGEI 73:211-216 '62.

DARKLING BEETLES see subdivision under Kugitang-Tau

DARWINISM see Evolution

DAVICO, OSKAR, 1909-
Novels by Oskar Davičo. G. IA. Il'ina. Lit. slav. nar. no. 7:73-92 '62.

DAY NURSERIES see subdivision under Baranovichi

DE LAVAL, CARL GUSTAV PATRIK, 1845-1913
An outstanding inventor. V. I. Bulanin. Trudy LPI no. 221:187-189 '62.

DEATH
One of the effective ways of cognizing the essence of life. V. A. Negovskii. Sud.-med. ekspert. 5 no. 3:3-8 Jl-S '62.

Principal results of a pathophysiological study of the processes of dying and resuscitation of the body. V. A. Negovskii. Arkh. pat. no. 7:3-9 '62.

DEATH—BIBICAL TEACHING
On the threshold of death. Jonas Rugauskas. Nauka i rel. no. 6:44-47 Je '62.

DEATH—CAUSES
Genesis of the morphological changes in sudden death from hypertension. Report No. 2: Histological study of the kidneys. E. I. Travchetova. Sud.-med. ekspert. 5 no. 3:21-27 Jl-S '62.

DEBETS, GEORGII FRANTSEVICH
Professor G. F. Debets's evaluation of the "Lvov School" [with summary in English] J. Czekanowski. Sov. etn. no. 4:106-118 Jl-Ag '62.

DEBRECEN, HUNGARY—DESCRIPTION
Hundred steps across Debrecen. Albert Pin. Vokrug sveta no. 8:19 Ag '62.

DEBUSSY, CLAUDE ACHILLE, 1862-1918
Claude Debussy. B. Smol'skii. Beliaus' 19 no. 8:29 Ag '62.

DECORATION AND ORNAMENT, ARCHITECTURAL see subdivision under Rostov

DECORATIONS OF HONOR
Decorated miners. Sov. shakh. 11 no. 10:24 O '62.

DECORATIONS OF HONOR, ACADEMIC
Competition for the Geographical Society medals. Izv. Vses. geog. ob-va 94 no. 5:365 Jl-Ag '62.

DEEP-SEA DEPOSITS see subdivision under Tarbagatay Range

DEEP-SEA SOUNDING
Using the self-recording NEL-4 echo sounder for measuring depths over 500 meters. L. K. Kusheh. Ryb. prom. no. 5:3-4 '59.

DEER see subdivision under Voronezh Preserve

DEFENSES, NATIONAL see also subdivision 'Defenses' under Europe, Western, Turkey; United States

DEFICIENCY DISEASES
"The liver in fasting and nutritional deficiency" [in German] by Heinz David. Reviewed by N. I. Grigor'ev. Arkh. anat., gist. i embr. 43 no. 7:115-119 Jl '62.

DEFOLIATION
Accelerating the maturation of plants before harvesting. I. O. Stonov. Priroda 51 no. 7:61-64 Jl '62.

DEFORMATIONS (MECHANICS)
Comparing pipe deformation by reduction mills with various grooving. A. K. Zimin. Met. i gornorud. prom. no. 4:42-44 Jl-Ag '62.

Davidenko, N. N. and V. A. Likhachev. [Irreversible deformations in metals under the effect of cyclic thermal stress] Necbratimoe formoizmenenie metallov pri tsiklicheskom teplovom vozdeistvii. Moskva, Mashgiz, 1962. 221 p.

Elementary elastic-plastic deformation caused by torsion of a rod having a shallow longitudinal groove on the surface. M. IA. Leonov, N. IU. Shvaiko. Dokl. AN SSSR 146 no. 2:325-327 S '62.

Metal flow during deformation in double-slot dies. A. G. Pilipenko. Izv. vys. ucheb. zav., chern. met. 5 no. 8:69-76 '62.

On a problem involving collisions of plastic bodies. F. F. Vitman, N. A. Zlatin. Dokl. AN SSSR 146 no. 2:337-339 S '62.

"Plasticity for mechanical engineers" [in English] by W. Johnson, P. B. Mellor. Reviewed by A. D. Tomlenov. Kuz.-shtam. proizv. 4 no. 9:48 S '62.

DEFORMITIES
Care of patients with congenital deformities. A. P. Skoblin, V. IA. Moskin. Fel'd. i akush. 27 no. 7:44-50 Jl '62.

DEGEYTER, PIERRE, 1849-1932
Creator of an immortal anthem. Nov. vrem. 20 no. 40:12 O '62.

DEHYDROGENASE
Localization of dehydrogenases in the nephron cells of a grass frog. IU. V. Natochin. TSitologiia 4 no. 4:457-460 Jl-Ag '62.

DELAY LINES

Attachment for measuring small time intervals. S. S. Vetoshkin, B. S. Rozov. Avtom. i telem., sbor. st. no. 2: 49-59 '62.

Telemetering of single time intervals by means of spiral scanning. S. S. Vetoshkin, B. S. Rozov, B. M. Stepanov. Avtom. i telem., sbor. st. no. 2: 60-74 '62.

Time delay of impulses. G. Gasanov. Radio no. 9: 53-54 S '62.

DELIRIUM

Systematized formation of delirium in adolescents [with summary in French]. E. V. Afanas'eva, I. N. Milevskaia, D. N. Isaev. Zhur. nevr. i psikh. 62 no. 7: 1038-1043 '62.

DELIVERY OF GOODS (LAW)

Bugo, Iu. I., and G. S. Berliand. [Legal problems concerning the return of containers in the national economy of the U. S. S. R.] Pravovye voprosy vozvrata tary v narodnom khoziaistve SSSR. Moskva, Gosiurizdat, 1962. 62 p. (Bibliotechka khoziaistvennika, i rabotnika iuridicheskoi sluzhby)

Contracts for the dispatch of goods. G. Chub. Sov. iust. no. 19: 20-21 O '62.

Decisions of arbitration agencies. Sov. iust. no. 16: 32 S '62.

Decisions of arbitration agencies. Sov. iust. no. 19: 32 O '62.

DEMOCRACY

Kerimov, D. A., ed. [Democracy and communism; problems of the communist theory of democracy] Demokratiia i kommunizm; voprosy kommunisticheskoi teorii demokratii. Moskva, Gosiurizdat, 1962. 270 p.

V. I. Lenin and the development of direct democracy. V. F. Kotok. Sov. gos. i pravo 32 no. 10: 47-56 O '62.

DENMARK—PHYSICS—PHILOSOPHY

Philosophical evolution of the Copenhagen school of physicists. M. P. Omel'ianovskii. Vest. AN SSSR 32 no. 9: 87-96 S '62.

DENMARK—WORLD WAR, 1939-1945—UNDERGROUND MOVEMENTS

The resistance movement in Denmark [with summary in English, p. 221]. Alfred Jensen. Vop. ist. no. 9: 43-56 S '62.

DENSITOMETERS

Automatic hydrostatic regulator of the density of suspensions and pulps. IA. S. Golub, I. I. Fradkin. Ugol' 37 no. 8: 48-49 Ag '62.

DENTAL ENAMEL see Enamel, Dental

DENTAL INSTRUMENTS AND APPARATUS

Knife for cutting the cap of the wisdom tooth. P. N. Sliusar'. Stomatologiia 41 no. 4: 91 Jl-Ag '62.

DENTAL MATERIALS

Attention therapeutic institutions, medical schools and practicing physicians! Stomatologiia 41 no. 1, 2-3 of cover Jl-Ag '62.

Isocol, a new insulating material. M. M. Gerner, E. G. Asanov, V. N. Batovskii. Stomatologiia 41 no. 4: 91-95 Jl-Ag '62.

DENTAL NERVES see Nerves, Dental

DENTAL PROSTHESIS

Hot casting of dental prosthesis parts. S. N. Sergeev. Stomatologiia 41 no. 4: 96-99 Jl-Ag '62.

Case of prosthesis of maxillary micrognathia. M. I. Pinsetskii. Stomatologiia 41 no. 4: 93 Jl-Ag '62.

Clinical bases for constructing jointed bridge-like prostheses. V. D. Sinitsyn. Stomatologiia 41 no. 4: 75-79 Jl-Ag '62.

Methods for fixing a complete dental prosthesis for the mandible. A. I. Betel'man. Stomatologiia 41 no. 4: 72-75 Jl-Ag '62.

Preparation of removable prostheses in two visits. D. I. Tel'chakov. Zdravookhranenie 5 no. 4: 54-55 Jl-Ag '62.

Standard crowns and pivot teeth of plastic. IU. A. Fedorov. Stomatologiia 41 no. 4: 95-96 Jl-Ag '62.

Use of al'gelast-1 impression mass in dental prosthesis work. V. IA. Vytrishchak. Stomatologiia 41 no. 4: 94 Jl-Ag '62.

Very ancient, very useful. I. I. Revzin. Zdorov'e 8 no. 9: 26-27 S '62.

DENTAL SURGERY see Dentistry, Operative

DENTISTRY—CONGRESSES

Fourth scientific and practical conference of stomatologists, dentists and dental technicians of the North Caucasus Rathond. E. A. Kaplun. Stomatologiia 41 no. 4: 108-109 Jl-Ag '62.

DENTISTRY, OPERATIVE

Problems touched upon in the articles by A. I. Betel'man and G. T. Sukharev on the splinting of teeth in parodontosis. A. M. Pevzner. Stomatologiia 41 no. 4: 79-81 Jl-Ag '62.

DEOXYRIBONUCLEASES

Study of the action of bacterial deoxyribonucleases on Ehrlich ascites carcinoma in experiments in vitro. M. I. Belisheva, A. M. Nuzhina. Vop. onk. 8 no. 8: 62-65 '62.

Use of deoxyribonuclease in suppurative processes in the lungs. R. I. Salganik, IU. S. Shtenshis. Klin. med. 40 no. 6: 95-100 Je '62.

DERMATOLOGY—CONGRESSES

First All-Russian Congress of Dermatovenereologists, December 11-15, 1961 in Moscow. G. G. Kondrat'ev. Kaz. med. zhur. no. 3: 99-100 My-Je '62.

DERMATOMYCOSIS

One relatively rare form of lymphogranulomatosis (mycosis fungoides). A. V. Gvozdkov. Klin. med. 40 no. 6: 79-82 Je '62.

DERVISHES

Amman, Mir. [On chard and spring; a story of four dervishes. Translated from the Urdu] Sad i vesna, istorila chetyrekh dervishei. Moskva, Izd-vo vostochnoi lit-ry, 1962. 262 p.

DESCRIPTIVE GEOMETRY see Geometry, Descriptive

DESERTS see subdivision under Turkmenistan

DESERTS—RESEARCH see subdivision under Turkmenistan

DESIGN, INDUSTRIAL

For the construction projects of the chemical industry. G. Klevitskii. Komsom. zhizn' no. 15: 28-30 Ag '62.

DESULFURATION

Steel desulfuration in basic open-hearth furnaces. A. I. Shabalin. Metallurg 7 no. 10: 28-29 O '62.

DETONATORS

Duplicating electric blasting networks. A. E. Azarkovich. Vzryv. delo no. 48/5: 59-66 '62.

Electric detonators for the salt industry. A. S. Miroshanskii. Vzryv. delo no. 48/5: 19-21 '62.

Network diagrams for blasting with current sources having limited power output. R. IA. Strausman. Vzryv. delo no. 48/5: 51-59 '62.

New means of blasting and detonation. D. F. Tarasenko, M. M. Dmitriev. Vzryv. delo no. 48/5: 10-19 '62.

Parallel connection of electric detonators in blasting with condensers. A. E. Azarkovich. Vzryv. delo no. 48/5: 41-51 '62.

Regulations published in 1960-1961 by the State Bureau of Mine Supervision and Inspection of the R. S. F. S. R. Vzryv. delo no. 48/5: 123-125 '62.

Shielding electric detonators from premature detonation set off by stray currents. M. I. Ozernoi. Vzryv. delo no. 48/5: 66-87 '62.

Using DFM electric detonators in the Novomoskovsky gypsum mine. V. A. Krivov, P. G. Belen'kii. Vzryv. delo no. 48/5: 27-33 '62.

DETONATORS—SAFETY APPLIANCES

Protected electric detonators having short-delay action. G. A. Abinder. Vzryv. delo no. 48/5: 101-104 '62.

DETONATORS—TESTING see subdivision under Czechoslovakia

DEUTERIUM

Studying water metabolism in plants with the aid of heavy water (D_2O) [with summary in English]. F. D. Samuilov, IU. IA. Efremov. Fiziol. rast. 9 no. 4: 438-445 '62.

DEUTERIUM OXIDE

Infrared spectra of chlorophyll and its analogues. Part 2. Isotopic exchange between molecules of chlorophyll, pheophytin, and heavy water. A. N. Sidorov. Opt. i spektr. 13 no. 3: 374-378 S '62.

Problem of the interaction of carbon suboxide with heavy water. I. B. Dashkevich, V. G. Beilis, V. M. Straia. Zhur. ob. khim. 32 no. 8: 2747-2748 Ag '62.

DEUTERONS—SCATTERING

Study of stripping and elastic scattering of deuterons on Cl^{32} nuclei [with summary in English]. K. I. Zherebtsova, V. F. Litvin, IU. A. Nemilov. Zhur. eksp. i teor. fiz. 43 no. 1: 8-10 Jl '62.

DEVKOTA, LAKSHMIPRASAD

People's bard [with English summary in insert]. L. Aganina. Az. i Afr. sog. no. 9: 37 S '62.

DIABASE see subdivision under Chu-Ili Mountains

DIAGNOSIS, DIFFERENTIAL

Differential diagnosis of astrocytomas and arachnoid endotheliomas of the cerebrum. D. G. Shefer, R. G. Obraztsova, A. A. Udintseva. Vop. neirokhir. no. 4: 41-43 '62.

Gaseous composition of the blood in the differential diagnosis of infectious and mechanical jaundice [with summary in English]. V. P. Beruglyi. Terap. arkh. no. 6: 28-34 '62.

DIAGNOSIS, FLUOROSCOPIC

Pomel'tsov, K. V. [Fluorography of chest cavity; method of mass X-ray detection of pulmonary tuberculosis] Fluorografiia grudnoi kletki; metod massovogo vyiavleniia legochnogo tuberkuleza. Moskva, Medgiz, 1945. 117 p.
(WaU)

DIAGNOSIS, RADIOSCOPIC

Benign tumors of the stomach and their X-ray diagnosis. I. A. Rits. Klin. khir. no. 7: 21-23 Jl '62.

Clinical X-ray diagnosis of tumors of the soft tissues of the extremities. F. A. Voinov, V. G. Opanasenko, S. V. Pokrovskii. Klin. khir. no. 7: 28-33 Jl '62.

Improved method for the X-ray diagnosis of cancer of the large intestine. D. E. Kuntsevich. Klin. med. 40 no. 6: 120-123 Je '62.

New methods of X-ray diagnosis in surgery. A. P. Rubasheva. Klin. khir. no. 7: 3-9 Jl '62.

Postolov, M. P., M. A. Ashrapova, and G. K. Kuritskaia. [X-ray study in portal hypertension] Rentgenologicheskoe issledovanie pri portal'noi gipertonii. Tashkent, Medgiz UzSSR, 1962. 57 p.
(DNLM)

Some problems in the X-ray diagnostic evaluation of round shadows in the lung. B. K. Shatov. Vop. onk. 8 no. 8: 8-13 '62.

Use of transverse tomography in determining the localization of metallic foreign bodies in the chest cavity. P. I. Pasechnik. Klin. khir. no. 7: 69-70 Jl '62.

X-ray diagnosis of primary multiple cancer of the stomach. M. G. Vinner, G. A. Litvakovskaia, L. A. Levina. Vop. onk. 8 no. 8: 3-7 '62.

X-ray diagnosis of the perforation of a hydatid cyst of the lungs. V. V. Demidas, S. I. Ruban. Klin. khir. no. 7: 15-21 Jl '62.

DIALECTICAL MATERIALISM

The chapters devoted to the philosophy of communism should be improved. L. Mel'on. Kommunist 39 no. 15: 98-99 O '62.

Dialectics of the base and superstructure during the period of the building of communism [with summary in English]. V. P. Rozhin. Vest. LGU 17 no. 17: 87-89 '62.

The interpretation of methods. A. Sorokin. Kommunist 38 no. 15: 99 O '62.

Kuli-Zade, Z. [Role of the superstructure in an antagonistic society] Rol' nadstroiki v antagonisticheskom obshchestve. Baku, Izd-vo Akad. nauk Azerbaidzhanskoi SSR, 1961. 109 p.

A meeting of the scientific council. P. Alekseev. Vest. Mosk. un. Ser. 6 Ekon., filos. 17 no. 5: 89-90 S-O '62.

Moscow. Akademiia obshchestvennykh nauk. [Program for studying the fundamentals of philosophy in groups of the party education system] Programma izucheniia osnov filosofskikh znanii; dlia kruzhkov sistemy partiinogo prosveshcheniia. Moskva, Sotsekgiz, 1962. 15 p.

Moscow. Universitet. Kafedra dialekticheskogo i istoricheskogo materializma estestvennykh fakul'tetov. [Dialectical materialism, a teacher's advice for correspondence students] Dialekticheskii materializm; sovety prepodavatelia studentu-zaochniku. Pod red. L. V. Vorob'eva. [Moskva] Izd-vo Mosk. univ., 1962. 155 p.

Present-day phase of the building of communism and some current problems of philosophical theory. M. T. Iovchuk, L. V. Skvortsov. Nauch. dokl. vys. shkoly, filos. nauki 5 no. 3: 3-21 '62.

Ruzavin, G. I. [The law of the transition of quantitative into qualitative] Zakon perekhoda kolichestvennykh izmenenii v kachestvennye. [Moskva] Mosk. rabochii, 1962. 67 p. (Obshchedostupnaia bibliotechka po filosofii)

Slinkov, E. M. [The problem of "alienation" in bourgeois philosophy and the falsification of Marxism] Problema "otchuzhdeniia" v burzhuaznoi filosofii i fal'sifikatory marksizma. Moskva, Izd-vo VPSh i AON, 1962. 113 p.

Structure of the course on dialectical materialism; a review of letters to the editor. Nauch. dokl. vys. shkoly, filos. nauki 5 no. 3: 110-112 '62.

Vasetskii, G. S. [Development of Marxist philosophy by V. I. Lenin in his struggle with revisionism, 1907-1913] Razvitie V. I. Leninym marksistskoi filosofii v bor'be s revizionizmom, 1907-1913 gg. Moskva, Vysshaia shkola, 1961. 320 p.
(MH) (NNC)

DIALECTICAL MATERIALISM—BIBLIOGRAPHY see Bibliography—Dialectical materialism

DIAMONDS, INDUSTRIAL

Using diamond cutters in the instrument industry. E. I. Faits, A. I. Fedotov. Priborostroenie no. 9: 23-24 S '62.

DIAPAUSE

Diapause and hibernation of the first generation of the Colorado beetle (Leptinotarsa decemlineata Say) in various soil types [with summary in English]. R. S. Ushatinskaia, E. F. Kozarzhevskaia. Zool. zhur. 41 no. 8: 1166-1174 Ag '62.

DIAPHRAGM

Congenital absence of the pericardium in a female patient with diaphragmatic relaxation. N. S. Mahugin. Klin. med. no. 12: 107-110 '61.

DIAPHRAGM—CANCER

Changes in the architectonics of the lymphatic system of the diaphragm in a rabbit with a Brown-Pierce tumor [with summary in English]. V. N. Baloshev, M. S. Ignashkina. Arkh. anat., gist. i embr. 43 no. 7: 105-110 Jl '62.

DIATHERMY

Effect of diathermy of the head on carbohydrate metabolism M. S. Rudoi, Vop. kur., fizioter. i lech. fiz. kult. 27 no. 3 288-291 My-Je '62

Effect of inductothermy on the temperature of the blood, the bile, gallstone, the liver and metal. L. A. Skurikhina, N. A. Gavrilova, Vop. kur., fizioter. i lech. fiz. kult. 27 no. 3 210-214 My-Je '62

DIATOMS see subdivision under Black Sea, Caspian Sea, West Siberian Plain

DIBENZISOQUINOLINEDIONE

Reduction hydrolysis of 6-arylaminoanthrapyridones S. I. Popov, T. N. Kurdiumova. Zhur. ob. khim. 32 no. 9 3022-3025 S '62

DICOTYLEDONS see subdivision under Kirghizistan

DICROCOELIDAE

Coprologic diagnosis of dicrocoeliasis. S. A. Azhinov, T. V. Ivanova. Trudy Rost. NIVS no. 12, 274-276 '60

DISCS see Phonorecords

DICTATORSHIP OF THE PROLETARIAT

General principles of the organization of the dictatorship of the proletariat. V. T. Kaltakhchian. Nauch. dokl. vys. shkoly, filos. nauki 5 no. 3 11-31 '62

Historical role of the dictatorship of the proletariat. A. P. Kositsyn. Vop. ist. KPSS 6 no. 5 27-45 '62.

DIDUSENKO-SHCHOHOLEVA, NINA TYMOFIIVNA, 1892-1961

In memory of Nina Tymofiivna Didusenko-Shcheholeva. L. A. Shkurbatov. Ukr. bot. zhur. 19 no. 4:100-102 '62.

DIE CASTING

Casting aluminum blocks in pneumatic chill-casting machines. F. S. Imel'desh. Biul. tekh.-ekon. inform. Gos. nauch.-issl. inst. nauch. i tekh. inform. no. 9 27-29 '62.

DIE CASTING—EQUIPMENT AND SUPPLIES

Increasing the output of machines for die casting. A. D. Zuev. Mashinostroitel' no. 9 11 S '62.

DIECKMANN CONDENSATION

Dieckman condensation. Part 9. Cyclization of ethyl ester of α-(carbethoxymethoxy) phenylacetic acid. N. S. Vul'fson, T. N. Podrezova. Zhur. ob. khim. 32 no. 9, 3019-3022 S '62

DIELECTRIC CONSTANTS

Dependence of the potential difference of barium titanate-based piezoelectric elements on mechanical loading. O. K. Zhukov. Izv. vys. uch. zav., fiz. no. 4:176-177 '62.

Effect of the covalent bond in a titanium dioxide crystal on the dielectric permeability value. N. P. Bogoroditskii, I. A. Mitiurova, I. D. Fridberg. Fiz. tver. tela 4 no. 9, 2393-2396 S '62.

Hydrogen bond and physical properties of nitroanilines. Part 2. Static dielectric constant. A. E. Lutskii, S. A. Mikhailenko. Zhur. ob. khim. 32 no. 9 3054-3057 S '62

Limits of the applicability of the helical wave guide method in measuring the dielectric permeability of matter. B. P. Iatsug, V. P. Shestopalov, V. A. Liashchenko. Zhur. tekh. fiz. 32 no. 9:1102-1107 S '62.

Temperature dependence of the dielectric permeability of dielectric substances in the centimeter wave band. Iu. P. Radin, N. V. Tarasova. Izv. vys. uch. zav., fiz. no. 4:87-90 '62.

Theory of dielectric polarization in amorphous polymers. Iu. IA. Gotlib, K. M. Salikhov. Fiz. tver. tela 4 no. 9, 2461-2467 S '62

of shields. V. A. Bilukov. Der. prom. 11 no. 10-6-11 O '62.

Manufacture of lightweight particle boards by dielectric heating. V. M. Khrulev. Strol. mat. 8 no. 8 39-40 Ag '62.

DIELECTRIC LOSS

Frequency and concentration dependence of the dielectric loss angle reflecting various structural transformations of dissolved substances. S. S. Urazovskii, I. I. Ezhik. Izv. vys. uch. zav., fiz. no. 4:146-150 '62.

DIELECTRICS

Epoxy compounds with specific inductive capacitance. E. K. Dobrer. Vest. elektroprom. 33 no. 10, 55-56 O '62.

Problem concerning the electric breakdown of solid dielectrics. A. A. Vorob'ev, G. A. Vorob'ev. Radiotekh. i elektron. 7 no. 9 1523-1528 S '62

Transverse cathode conductivity of crystals and thin films of A^{II} and B^{VI} type compounds. M. V. Kot, A. B. Simashkevich. Radiotekh. i elektron. 7 no. 9 1672-1679 S '62.

DIELECTRICS, EFFECT OF RADIATION ON

Budylin, B. V., and A. A. Vorob'ev. [Effect of radiation on ionic structures] Deistvie izluchenii na ionnye struktury. Moskva, Gosatomizdat, 1962. 166 p.

Dielectric properties of insulating materials following gamma irradiation. Part 1. Methods for measuring the dielectric characteristics during irradiation. B. I. Vorozhtsov and others. Izv. vys. uch. zav., fiz. no. 4:163-170 '62.

Effect of gamma-radiation on the piezoelectric and elastic properties of triglycine sulfate crystals. I. M. Silvestrova, V. A. Iudin. Fiz. tver. tela 4 no. 9 2319-2327 S '62.

DIENCEPHALON—DISEASES

Complex syndrome of calcium metabolism disorders as a result of a lesion of the diencephalic region [with summary in French]. G. IA. Vysotskii. Och. klin. nevr. no. 1 210-214 '62

DIES (METALWORKING)

Combination dies. V. S. Remenik. Kuz.-shtam. proizv. 4 no. 9:42-44 S '62

Foteev, N. K. [Use of hard alloy dies] Eksploatatsiia tverdosplavnykh shtampov; obzor. Leningrad, 1962. 62 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Seriia: Gorjachaia i kholodnaia obrabotka metallov davleniem)

Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut po normalizatsii v mashinostroenii. [Dies for sheet-metal work. Blocks with replacement die sets of sectioning dies. Parts and assembly units; design, specifications and technical requirements (MN 1912-61 - MN 1932-61)] Shtampy dlia kholodnoi shtampovki: Bloki so smennymi paketami razdelitel'nykh shtampov. Detali i uzly, konstruktsiia, ispolnitel'nye razmery i tekhnicheskie trebovaniia (MN 1912-61 - MN 1932-61). Moskva, Gos. izd-vo standartov, 1962. 50 p. (SSSR. Normali mashinostroeniia)

Use of die sets in small-run and batch production. IA. I. Shteinberg. Kuz.-shtam. proizv. 4 no. 8, 46-47 S '62.

DIES (METALWORKING)—STANDARDS

M[illegible] [Dies for sheet-metal work. Blocks with replacement die sets of sectioning dies. Parts and assembly units; design, specifications and technical requirements (MN 1912-61 - MN 2540-61)] Shtampy dlia kholodnoi shtampovki. Bloki pretsizionnye, uzly i detali, konstruktsiia i ispolnitel'nye razmery (MN 2534-61 - MN 2540-61). Moskva, Gos. izd-vo standartov, 1962. 40 p. (SSSR. Normali mashinostroeniia).

DIES (METALWORKING)—THERMAL PROPERTIES

Temperature of forging dies. R. I. Tomilin, F. I. Bel'skii. Kuz.-shtam. proizv. 4 no. 8, 11-13 S '62.

DIESEL ENGINES

Improvement of the temperature conditions in the operation of the jets of a diesel tractor engine. Iu. V. Lushchitskii, A. M. Didenko. Trakt. i sel'khozmash. 32 no. 10 10-11 O '62.

A parameter for comparative evaluation of thermal stresses in diesel engines. A. K. Kostin. Trudy LPI no. 221 166-170 '62.

Plotitsyn, S. I. [D 10/30 medium power diesel engines] Dizeli sredniei moshchnosti D 10/30. Moskva, Mashgiz, 1962. 195 p.

Purification of exhaust fumes from diesel engines with chemical solutions. N. Z. Bitkolov, T. F. Mitrokhinchenko. Izv. vys. uch. zav., gor. zhur. 5 no. 6, 48-53 '62

Shumilo, I. A., N. L. Vogera, and V. M. Volkov. [D6 diesel engines, design, assembly and operation] Dizeli tipa D6, ustroistvo, montazh i ekspluatatsiia. Moskva, Mashgiz, 1962. 291 p.

Study of the strength of a piston. M. U. Belferman. Trakt. i sel'khozmash. 32 no. 10, 11-14 O '62.

DIESEL ENGINES—DESIGN

Pure breath. B. T'Syvtian. Znan.-sila 37 no. 7:40-41 Jl '62.

DIESEL ENGINES—FUEL SYSTEMS

Ponomarev, O. P. [Modern fuel-feed systems for diesel engines for trucks and tractors; review] Sovremennaia toplivopodaiushchaia apparatura avtotraktornykh dizelei; obzor. Pod red. S. A. Vasil'eva. Moskva, TSentr. in-t nauchno-tekhn. informatsii mashinostroeniia, 1961. 88 p.

DIESEL ENGINES—LUBRICATION

Thermal condition of oils in air-cooled diesel engines [with summary in English]. A. A. Vvedenskii. Izv. TSKHA no. 3, 134-143 '62.

DIESEL ENGINES—TESTING

Effect of the law of heat release on the characteristics of indicated diagrams of diesel engines. A. I. Volodin, Iu. V. Zakhrebetkov. Vest. TSNII MPS 21 no. 6:16-19 '62.

DIESEL FUELS

Savings in diesel fuel is an important task of the national economy. Zhel. dor. transp. 44 no. 9, 52-55 S '62.

DIESEL LOCOMOTIVES

(see also subdivision under Lugansk)

Electric circuits for remote control of diesel engines on diesel locomotives. L. A. Kheifets. Mashinostroenie no. 4, 82-84 Jl-Ag '62.

DIESEL LOCOMOTIVES—HYDRAULIC DRIVE

Selecting the hydraulic torque converter for high-capacity hydraulic drives of diesel locomotives. Iu. G. Kirillov. Vest. TSNII MPS 21 no. 6:19-23 '62.

DIESEL LOCOMOTIVES—MAINTENANCE AND REPAIR

Kmetik, P. I., V. G. Merezhko, and N. P. Ustinov. [Organization of the operation, maintenance and repair of diesel locomotives] Organizatsiia teplovoznogo khoziaistva. Moskva, Transzheldorizdat, 1962. 107 p.

DIESEL LOCOMOTIVES—TECHNOLOGICAL INNOVATIONS see subdivision under Kolomna

DIET

Cottage cheese dieting days. M. S. Marshak. Zdorov'e 8 no. 8 28 S '62

DIETHYLENE GLYCOL

Investigation of a diethylene glycol-gasoline emulsion, and methods for designing horizontal flow separators of emulsions. V. I. Mogil'nyi, A. V. Stepanov. Trudy Inst. isp. gaza AN USSR 9:90-96 '61.

DIFFERENCE EQUATIONS

Convergence of the method of straight lines for some boundary value problems [with summary in English]. V. A. Morozov. Vest. Mosk. un. Ser. 1 Mat., mekh. 17 no. 5, 25-33 S-O '62

Method for constructing difference systems for the numerical integration of the equations of gas dynamics. V. F. Kuropatenko. Izv. vys. ucheb. zav., mat. no. 3 75-83 '62

On a certain class of iterative systems. A. M. Ponov. Izv. vys. ucheb. zav., mat. no. 3, 111-115 '62.

Resonance phenomena in quasi-linear oscillatory systems with retarded arguments. V. P. Rubanik. Izv. vys. uch. zav., mat. no. 5:75-86 '62.

DIFFERENTIAL CALCULUS see Calculus, Differential

DIFFERENTIAL DIAGNOSIS see Diagnosis, Differential

DIFFERENTIAL EQUATIONS

Almost reducible systems of differential equations. B. F. Bylov. Sib. mat. zhur. 3 no. 3 333-359 My-Je '62.

Analysis of a mixed problem for a small-parameter equation of the fourth order. M. G. Dzhavadov. Izv. AN Azerb. SSR. Ser. fiz.-mat. i tekh. nauk no. 3 29-36 '62.

Approximate method for solving a mixed problem for a nonlinear partial differential equation containing a small parameter [with summary in English]. A. M. Illukhyn. Ukr. mat. zhur. 14 no. 3:250-259 '62.

Asymptotic integration of a system of equations describing a large flexure of symmetrically loaded shells of revolution. L. S. Srubshchik, V. I. Iudovich. Prikl. mat. i mekh. 26 no. 5:913-922 S-O '62.

Behavior of particularly perturbed autonomous nonlinear differential systems near a family of cylinders [with summary in English]. K. V. Zadyraka. Ukr. mat. zhur. 14 no. 3:235-240 '62.

Behavior of the solution to the third boundary value problem for a parabolic equation [with summary in English]. Iu. K. Gerasimov. Vest. Mosk. un. Ser. 1: Mat., mekh. 17 no. 5, 34-43 S-O '62.

Boundary value estimate for the solution of an elliptic equation of arbitrary order with constant coefficients. A. S. Fokht. Dokl. AN SSSR 146 no. 1:56-63 S '62.

Boundedness of solutions to linear differential equations of third order. M. A. Dobrokhotova. Uch. zap. IAr. gos. ped. inst. no. 34 10-34 '60.

A case of continuous dependence of solutions to differential equations on the parameter [with summary in English]. A. M. Samoilenko. Ukr. mat. zhur. 14 no. 3:289-298 '62.

Concerning the integration of the fuselage equation in accordance with the vortex interpretation of the theory of functions of complex variables. Sh. Iomudov. Izv. AN Uz. SSR. Ser. fiz.-mat. nauk 6 no. 4:33-37 '62.

Construction of invariant forms and structural equations of infinite groups. I. E. Evtushik. Dokl. AN SSSR 146 no. 1:20-21 S '62.

Correction to the article "Fundamental solutions to parabolic systems. Part 2." S. D. Eidelman. Mat. sbor. 58 no. 1:128 S '62.

Discrete analog of Dirac δ-function [with summary in English]. P. D. Krut'ko. Avtom. i telem. 23 no. 7: 965-986 Jl '62.

Evaluations of derivative solutions to elliptic equations near the boundary. V. A. Kondrat'ev. Dokl. AN SSSR 146 no. 1 22-25 S '62.

Evolving steady-state solutions for certain oscillatory systems with one degree of freedom. E. F. Faizybaev. Ukr. mat. zhur. 14 no. 3:340-348 '62.

Fluctuations in almost accurately integrable systems. E. F. Faizibaev. Izv. AN Uz. SSR. Ser. fiz.-mat. nauk 5 no. 4:17-21 '62.

Generalized Cauchy formula for axially symmetric vector fields. I. I. Danilluk. Dokl. AN SSSR 146 no. 2:292-295 S '62.

Method for integrating equations of the bending of a spherical shell subjected to axisymmetric loading. I. S. Akhmed'ianov. Izv. vys. ucheb. zav., aviats. tekh. 5 no. 3: 62-70 '62.

DIFFERENTIAL EQUATIONS (Continued)

Mixed problem for a hyperbolic equation degenerating at the boundary I. Bal'kunlev. Izv AN Uz. SSSR Ser. fiz mat, nauk 6 no. 2,83-85 '62.

Mixed problem for an elastic anisotropic semiplane. V.A.Svekla. Prikl.mat.i mekh. 26 no.5:895-906 S-O '62.

On a certain class of systems of quasi-linear diffusion equations V N. Maslennikova Dokl AN SSSR 146 no 2 303-306 S '62.

Power series for solutions to differential equations with retarded argument in terms of the small time lag. A.M.Rodionov. Prikl.mat.i mekh 26 no.5:947-949 S-O '62.

Solution of the radiation transport equation in the case when the scattering indicatrix greatly differs from the spherical form. Part I L.M.Romanova. Opt.i spektr. 13 no.3:129-135 S '62.

Solving a boundary value problem by the iterative method S F Filubaev. Izv. AN Kazakh. SSR Ser mat i mekh no 10 72 78 '62

Some boundary value problems for elliptic systems. M.A.Lavrent'ev. Sib.mat.zhur. 3 no.5,715-726 S-O '62.

Some conditions for the existence of divergent integrals of the equation $y' = f(y, y)$ I' V Vdovina Izv vys. ucheb zav., mat no 3 11-21 '62

Stability in the large of solutions to a counting system of differential equations in the case of continuous perturbations. S I Gorshin Izv AN Kazakh SSR. Ser mat i mekh. no 10 51-55 '62

Stability of particle-like solutions to a nonlinear scalar field equation. IU. P. Rybakov Vest. Mosk. un. Ser. 3. Fiz., astron 17 no. 4:21-29 Jl-Ag '62

Stability of solutions to differential operator equations in the case of continuous perturbations. R. Gabasov Izv. vys. uch. zav., mat. no. 5:29-36 '62.

Strengthening the uniqueness theorem for the O-curve in N_2. A.F.Andreev. Dokl.AN SSSR 146 no.1:9-10 S '62.

Structure of a set of solutions to parabolic equations. M.A.Krasnosel'skii, P.P.Sobolevskii. Dokl.AN SSSR 146 no.1 26-29 S '62.

Theory of second-order parabolic equations with discontinuous coefficients. G.K.Namazov. Izv.AN Azerb. SSR. Ser fiz.-mat.i tekh.nauk no. 1:37-50 '62.

Theory of the equation $\frac{\partial}{\partial x}\left(\frac{\partial^2 u}{\partial x^2}\right) + \frac{\partial^2 u}{\partial y^2} = 0$ M.S. Salakhitdinov. Izv. AN U., SSSR. Ser. fiz mat. nauk 6 no. 2:5-11 '62

DIFFERENTIAL EQUATIONS—NUMERICAL SOLUTIONS

Generalized methodology of deriving formulas of the extrapolat-interpolat method of numerical integration of simple differential equations N. A. Gol'tsov. Nauch trudy MTILP no 23 281-286 '61.

Methods of numerical integration of differential equations brought to the $Y' = f(Y)$ form N. A Gol'tsov. Nauch. trudy MTILP no 23 278-280 '61.

DIFFERENTIAL EQUATIONS—PROBLEMS, EXERCISES, ETC.

Hudymenko, F. S., I. A. Pavliuk, and V. O. Volkova. [Collection of problems on differential equations] Zbirnyk zadach z dyferentsial'nykh rivnian'. Za red. F. S. Hudymanka. [Kyiv] Vyd-vo Kyivs'koho univ., 1962. 160 p.

DIFFERENTIAL EQUATIONS, LINEAR

Correlation functions of vector processes satisfying certain linear differential equations. A. IA. Dorohovtsev. Ukr. mat. zhur., 14 no. 3:322-325 '62.

Solving linear partial first-order differential equations by S. A Chaplygin's method. G M. Zhdanov. Izv. vys. ucheb zav., mat no. 3:31-36 '62.

Stability of solutions to systems of differential equations in certain cases [with summary in English]. V.A. Samsonov. Vest. Mosk. un. Ser. 1. Mat., mekh. 17 no.5,74-78 S-O '62.

Structure of solutions and regularity of a system of linear differential equations. IU G. Zolotarev, V Kh. Kharnaskhal. Izv AN Kazakh. SSR. Ser. mat i mekh. no. 10:11-16 '62

DIFFERENTIAL EQUATIONS, PARTIAL

A boundary value problem for a third-order hyperbolic equation with two independent variables. S. E. Elubaev. Vest AN Kazakh. SSR 18 no. 6:54-62 Je '62

Continuation of solutions to partial differential equations. B.M.Levitan. Dokl.AN SSSR 146 no.1:30-33 S '62.

Theorems of embedding for Sobolev's generalized W_p^l classes S. V. Uspenskii. Sib. mat. zhur. 3 no. 3: 418-445 My-Je '62.

A three-dimensional analogue of Tricomi's problem. A.V.Bitsadze. Sib.mat.zhur. 3 no.5:642-644 S-O '62.

A variational method for approximate solution of partial differential equations [with summary in English] L Ainola. Izv AN Est SSR. Ser. fiz. -mat. i tekh. nauk 11 no. 3:173-177 '62.

DIFFERENTIAL GEOMETRY see Geometry, Differential

DIFFUSERS

Calculating losses in continuously-operating diffusers A. I. Zaifankin. Izv. vys. ucheb. zav., av., tekh. 5 no. 3 157-165 '62.

Investigating ribbed diffusers. V. K. Migai. Teploenergetika 9 no. 10:55-59 O '62.

DIFFUSION

Diffusion of aluminum in liquid iron P. M Danilov Izv vys. ucheb zav., chern met. 5 no 8-18-20 '62

Diffusion of tungsten in monocarbides of tungsten, tantalum, and in TiCWC and TiCWCTaC solid solutions. M. L. Baskin, V. I. Tsvetlikov, L.N. Chaporova. Fiz. met. i metalloved 14 no.3,422-427 S '62

Effect of carbon on the diffusion of arsenic in austenite. V. V. Kalmykov. Trudy Inst. chern. met. AN URSR 18 58-61 '62.

Investigating the diffusive properties of transitional metal chalcogenides. Part 3. Self-diffusion of nickel in nickel oxide. S. M. Klotsman, A. N. Timofeev, I. Sh. Trakhtenberg. Fiz. met. i metalloved. 14 no. 3: 428-433 S '62.

Measuring the diffusion coefficient in strontium chloride solutions by means of tagged atoms [with summary in English]. M. S. Zakhar'evskii, Li Sun-gi [Li Sung-gi]. Vest. LGU 17 no. 16 131-134 '62.

Parameters of the reactive diffusion of boron and carbon in high-melting transition metals. G. V. Samsonov, A. P. Epik. Fiz. met. i metalloved. 11 no 3:479-480 S '62.

Self-diffusion in polycrystalline tellurium. R I Kazhlaeva, A A. Kuliev, N. I Ibragimov Izv AN Azerb SSR Ser. fiz. -mat i tekh nauk no. 3 95-98 '62.

DIKES (GEOLOGY) see subdivision under Belembe Valley, Chu-Ili Mountains, Chuna Valley (Krasnoyarsk Territory)

DILATOMETER

Improved method of registering time and temperature in a differential dilatometer with optical recording. IU. Z. Borkovskii, S. Z. Nekrasova. Trudy Inst. chern. met. AN URSR 18:82-84 '62.

Inspection of dilatometers and taking the volumetric expansion of water into account in connection with the dilatometric analysis of oils and fats. N. L. Melamud, T. P. Ryzhova. Masl.-zhir. prom 28 no. 8,33-31 S '62.

DILATOMETRY

Use of a differential dilatometer in laboratory practice K. I. Khokholev, L. P. Kubis. Stroi. mat. 8 no. 8,38-39 Ag '62.

DIMENSIONAL ANALYSIS

On a problem involving collisions of plastic bodies F. F. Vitman, N. A. Zlatin. Dokl AN SSSR 146 no 2 337-330 S '62.

DIODES

A diode with cesium vapors. T. L. Matskevich. Zhur tekh. fiz. 32 no. 8:1130-1141 S '62.

Statistical expression of the characteristics and parameters of two-electrode tubes. K. A. Revnik. Radiotekhnika 17 no. 10:54-61 O '62.

DIPHENIC ACID

Derivatives of 2, 2'-diphenic acid. Part 1: Esters, amides, and ester-amides of diphenic acid as possible insecticides and herbicides L. P Kulev, R N Gireva, G M Stepnova. Zhur ob. khim 32 no 9 2812-2816 S '62.

DIPHENYLAMINE

Comparative evaluation of the changes in the protein fractions and the diphenylamine reaction of the blood serum as indices of the activity of the rheumatic process. Il. B. Shnaider. Zdravookhranenie 5 no. 4 29-32 Jl-Ag '62.

DIPHTHERIA

Use of strophanthin in the compound treatment of cardiovascular disorders in toxic diphtheria. N. P Kudriavtseva, V. I Kachurets, S Kh. Nasybullina. Kaz. med. zhur. no. 3:42-43 My-Je '62

DIPOLE MOMENTS

Dielectric relaxation in propyl alcohols. L. M. Imanov, IA. M. Abbasov. Izv. AN Azerb. SSR. Ser. fiz. -mat. i tekh. nauk no. 3:59-68 '62.

Dipole excitations of nuclei in the superfluid model [with summary in English]. V. V. Balashov, V. B. Bolliev, B. N. Zakhar'ev. Zhur. eksp. i teor. fiz. 42 no. 5: 1365-1370 My '62.

DIPTAN, OL'GA KLIMENT'EVNA

Kostin, I. I. [Party spirit] Partiinaia dusha. Moskva, Gospolitizdat, 1961 36 p. (Geroi i podvigi) (Mil)

DIRECT CURRENT MACHINERY see Electric motors, Direct current

DISABILITY EVALUATION

(see also subdivision under Bulgaria; Moscow; Tatar A. S. S. R.)

Averbakh, F. A. [Industrial medical expertise in eye diseases] Vrachebno-trudovaia ekspertiza pri glaznykh zabolevaniiakh. 2. izd. Moskva, Medgiz, 1962. 65 p. (Biblioteka prakticheskogo vracha) (DNLM)

Determining a permanent disability. N Bogolepov, V. Grechko. Sots. obesp. 23 no 7 30-33 Jl '62.

Disability evaluation and work organization for patients with disseminated forms of pulmonary tuberculosis [with summary in English]. S. I. Nezlin, A. L. Linch Klin. med. no. 12:11-40 '61

"Fundamentals of disability evaluation." Reviewed by L. G. Lekarev Sots. obesp. 23 no 7 51-52 Jl '62

Study of the length of the periods of work incapacity in some bone fractures G. D Rudenko. Trudy Len gos nauch.-issl. inst. travm. i ortop. no. 8 182-186 '61

DISARMAMENT

Apostles of peace or war? S. Efirov Nauka i zhizn' no. 9 37-39 S '62

"The hard way to peace" [in English] by Anatolii Izvicnt Reviewed by I. Glagolev. Mir. ekon. i mezhdunar. otn. no. 10:142-144 O '62.

Kotov, M. I. [Peace is in your hands] Mir - v vashikh rukakh. Moskva, Profizdat, 1962. 56 p.

Kudriavtsev, D. I. [Struggle for disarmament after the Second World War; study of international law] Borba za razoruzhenie posle vtoroi mirovoi voiny, mezhdunarodno-pravovoi ocherk. [Moskva] Izd-vo Mosk. univ. 1962. 159 p. (DS)

Marching time. Mezhdunar. zhizn' 9 no. 10:4-5 O '62.

N. S. Khrushchev expressed our feelings, Koenvama Chakula. Az. i Afr. seg. no. 9:10 S '62.

Universal disarmament is the guarantee of peace. V mire knig 2 no. 9 1 S '62

The youth of the world demand disarmament! Mol. mira no. 7:1 '61.

DISARMAMENT—CONGRESSES

All kinds of arms are dangerous. L. P. Tonnies. Priroda 51 no. 9:29 S '62.

All nations against war. J. Davis. Priroda 51 no. 9: 25 S '62.

For fruitful cooperation. J. Agins. Priroda 51 no. 9: 26-28 S '62.

Forum of peoples Georgii Mdivani Teatr 23 no 8 2-4 Ag '62

High responsibility of a scientist. L. Pal. Priroda 51 no. 9:27-28 S '62.

Important conditions for strengthening peace; an interview with Professor Pierre Biquard. Priroda 51 no. 9:30-31 S '62.

In building the fatherland you strengthen peace. Karol Sigka. Priroda 51 no. 9-24 S '62.

In the first lines of fighters for peace. G. Nadzhakov. Priroda 51 no. 9 26-27 S '62.

In the name of life on our planet. D. D. Cosambi. Priroda 51 no. 9:28 S '62.

Measures against cancer instead of atomic arms. M. Dobinski. Priroda 51 no. 9:31 S '62.

Nations should know all truth. Walter Friedrich. Priroda 51 no. 9:28-29 S '62.

Participants of the Congress speak. Vladimir Magar and others Teatr 23 no 8 5-7 Ag '62

Scientists in the struggle for peace without armaments and wars. Vest. AN SSSR 32 no. 9:3-7 S '62.

Support the cause of peace with work K Severinov. Sov. shakht. 11 no 9 30-32 S '62.

We shall struggle for life. Anna Singh. Priroda 51 no. 9:30-31 S '62.

DISCHARGE OF CONTRACTS

Discharge of obligations according to the "Basic Principles of Civil Law." R Khalfin Sov. just. no. 18 10-12 S '62.

DISEASES—CLASSIFICATION see Nosology

DISLOCATIONS IN CRYSTALS

Anomalous characteristics of point contacts with germanium and silicon surfaces. B. S. Muravskii. Fiz. tver. tela 4 no. 9:2185-2189 S '62.

Climb of edge dislocations in silicon caused by gold. L. S. Milevskii. Fiz. tver. tela 4 no. 9:2447-2449 S '62.

Conditions for pinning dislocations in clusters. B. A. Grinberg. Fiz. tver. tela 4 no. 9 2593-2596 S '62.

Radiative recombination on dislocations in germanium. A. A. Gippius, V. S. Vavilov. Fiz. tver. tela 4 no. 9: 2426-2433 S '62.

Straight-line dislocation near the plane of discontinuity of the elastic constants in an infinite anisotropic medium L. A. Pastur and others. Fiz. tver. tela 4 no. 9. 2585-2592 S '62.

DISLOCATIONS IN METALS

Atomic structure and mechanism of the plastic flow of solid solutions. L. N. Guseva, A. A. Babareko. Zhur. neorg. khim. 7 no. 9:2200-2205 S '62.

"Dislocations and plasticity" by N. S. Akulov. Reviewed by A. N. Orlov, IU. N. Rabotnov. Fiz. met. i metalloved. 14 no. 3:452-455 S '62.

DISMISSAL OF EMPLOYEES see Employees, Dismissal of

DISORDERLY CONDUCT

Persistent struggle against hooliganism is an important task for Soviet courts. A. Laptev. Sov just. no. 19: 6-8 O '62.

DISTANCES—MEASUREMENT
Determining the refraction index of air in range finding by means of geodimeters and tellurometers. M. B. Hatynain. Izv.vys.ucheb.zav., geod.i aerof no.2 77-92 '62.

DISTILLATION, FRACTIONAL
Approximate method for the calculation of the process of multicomponent rectification. B.G.Berge, V.M. Platonov. Khim.prom. no.7,516-519 Jl '62.

DISTILLATION APPARATUS
Rectification apparatus for the manufacture of high-purity alcohol. P.S.Tsygankov. Khim.prom. no.2 74-76 Ap-Je '62.
Wetted-wall apparatus for continuous synthesis of triethoxysilane. M.S.Reibakh and others. Biul.tekh.-ekon.inform.Gos.nauch.-issl.inst.nauch.i tekh.inform. no.9 21-23 '62.

DIVING
[Diving; rules of competition] Pryzhki v vodu; pravila sorevnovanii. Utverzhdeno TSentral'nym sovetom Soiuza sportivnykh obshchestv i organizatsii SSSR 10 iiulia 1961 g. Moskva, Fizkul'tura i sport, 1962. 43 p.
Exercises for swimming and diving. I.Vagner. Voen.-sanit. 38 no.9:31 S '62.

DIVING, SUBMARINE
Submarine "cosmonauts" meet the trials. V.Nikolaev. Tekh.mol. 30 no.9:12-13 '62.

DIVISION OF LABOR
(see also subdivision under Europe, Eastern)
"Communism, labor, and man" by D.Ivanidov, "Socialist division of labor" by L.S.Sudenkevskii. Reviewed by V.IA.Il'menev, V.R.Polozov. Vest.LGU 17 no.17 138-143 '62.

DMITRIEV, IURII NIKOLAEVICH, 1902-1961
IU.N.Dmitriev, obituary. Sov.arkheol. 6 no.3:333-334 '62.

DMITRIIEV, MYKOLA IZMAILOVYCH, 1886-1957—BIBLIOGRAPHY see Bibliography—Dmitriiev, Mykola Izmailovych, 1886-1957

DMITROVSK DISTRICT—AGRICULTURE
Creative unquietness. G.Vorob'ev. Part.zhizn' no.20 46-51 O '62.

DNEPRODZERZHINSK HYDROELECTRIC POWER STATION—PRECAST CONCRETE CONSTRUCTION
Experience with precast reinforced concrete in construction of the Dneprodzerzhinsk Hydroelectric Power Station. B.I.Babich. Gidr.stroi. 32 no.8,15-21 Ag '62.

DNEPROPETROVSK—CANNING INDUSTRY
Mechanized continuous production line for the reception of juices. I.D.Ivanov. Konserv.prom. 17 no.10 5-6 O '62.

DNEPROPETROVSK—IRON AND STEEL PLANTS
The Petrovskii Plant is 75 years old. Met.i gornorud.prom. no.4 3-6 Jl-Ag '62

DNEPROPETROVSK—OILS AND FATS
At the Dnepropetrovsk Oils and Fats Combine. L.I. Vlasova. Masl.-zhir.prom. 28 no.9:39-40 S '62.

DNEPROPETROVSK—PROFESSIONAL EDUCATION
All-Union Interplant School for the Exchange of Advanced Practices in Production Control in Oil Industries. L.I. Vlasova. Masl.-zhir.prom. 28 no.9:12 S '62.

DNEPROPETROVSK—SCHOOL HYGIENE
Study of the sanitary arrangements, schedules, and incidence of infectious diseases in the schools of Dnepropetrovsk. K.I.Verkhimina and others. Gig.i san. 26 no.12:86 D '61.

DNEPROPETROVSK PROVINCE—LANDFORMS
Landform formation in the western part of the middle Dnieper Valley within the boundaries of Dnepropetrovsk Province. T.A.Klovtsov. Geog.zbir. no.6,19-22 '62.

DNEPROPETROVSK PROVINCE—MINING INDUSTRY AND FINANCE
The mining industry of the Ukraine on the path of the seven-year plan. S.Marinushyi, IA.Shternshtein. Ukrn.Rad.Ukr. no.5:121-125 S-O '62.

DNIEPER BASIN—LIGNITE
Economics of the comprehensive utilization of brown coals in the U.S.S.R. N.A.Zeligman. Trudy KhPI 22 no.7: 99-104 '60.

DNIEPER-DONETS LOWLAND—GEOLOGY, STRATIGRAPHIC
Recent stratigraphic scale of Jurassic sediments in the margins of the Donets Basin and Dnieper-Donets Lowland and possibilities of its correlation with West European standards. I.M.IAmnychenko. Geol.zhur 22 no.4:3-10 '62.

DNIEPER HYDROELECTRIC POWER STATION—MAINTENANCE AND REPAIR
Cylindrical enclosure for the underwater repair of wicket gates of draft tubes of the Dnieper Hydroelectric Power Station. A.N.Meshcheriakov. Energ.stroi. no.27:58-60 '62.

DNIEPER VALLEY—AGRICULTURE—QUOTATIONS, MAXIMS, ETC.
Fedorenko, D.T., comp. [The grainy and eared one, Ukrainian folk proverbs and sayings collected in the Dnieper Valley] Pro zernystu ta kachanystu; Ukrains'ki narodni prysliv'ia ta prykazky pro kukurudzu, zapysani na Prydniprov'i. [Dnipropetrovs'k] Dnipropetrovs'ke knyzhkove vyd-vo, 1961. 6 p.

DNIEPER VALLEY—JEWELRY
Studying jewelers art among the population of the middle Dnieper Valley during the first centuries A.D. A.T. Branchevs'ka. Arkheologiia 14 82-88 '62.

DNIEPER VALLEY—LIGNITE
Floristic characteristics of genetic types of brown coal in the Dnieper Basin. A.P.Agulov. Geol.zhur 22 no.1:37-43 '62.

DNIEPER VALLEY—PALEOBOTANY
Floristic characteristics of genetic types of brown coal in the Dnieper Basin. A.P.Agulov. Geol.zhur 22 no.1:37-43 '62.

DNIEPER VALLEY—RUNOFF
Annual distribution of river drainage in the forested steppe of the Dnieper Basin. I.B.Butkina. Geog.zbir. no.6:126-129 '62.

DNIESTER VALLEY—PECTINACEA, FOSSIL
Sobetskii, V.A. [Upper Cretaceous Pectinacea in the middle Dniester Valley, their taxonomic composition and ecological characteristics] Verkhnemelovye Pectinacea Srednego Pridnestrov'ia, ikh sistematicheskii sostav i ekologicheskie osobennosti. Kishinev, Izd-vo "Shtiintsa," 1961. 95 p.

DNIESTER VALLEY—PLAGIOCLASE
Phenomena of the epigenetic plagioclase albitization in the sandstones of ancient formations in the Dniester Valley. A.V.Kopelovich. Trudy VSGI Ser.geol no.5:109-122 '61.

DNIESTER VALLEY—ROCKS, SEDIMENTARY
Lithological characteristics of Upper Cretaceous rocks in the middle Dniester Valley. IU.M.Sen'kovs'kyi. Geol.zhur. 22 no.4:91-98 '62.

DNIESTER VALLEY—TRIPOLI (MINERAL)
Mineralogy of the Senonian tripoli in the Dniester Valley. IU.N.Sen'kovskii, Z.I.Iorish. Izv.AN SSSR.Ser.geol. 27 no.8:106-108 S '62.

DOBROLIUBOV, NIKOLAI ALEKSANDROVICH, 1836-1861
N.A.Dobroliubov's participation in underground work, 1861. I.G.Bushkanets. Ist.SSSR 6 no.5:160-163 S-O '62.

DOBRUSH—PAPER INDUSTRY
The birth of a tradition. UL.Miashevich. Belarus' 19 no.9:4-5 S '62

DOCUMENTARY EVIDENCE see Evidence, Documentary

DOCUMENTARY MOTION PICTURES see Motion pictures, Documentary

DOGWOOD see subdivision under Caucasus, Northern

DOGS—DISEASES AND PESTS
Leptospirosis of the canicola type in dogs. N.M.Blagoveshchenskaia and others. Trudy Rost.NIVS no.12:76-84 '60.
Results of immunizing dogs with a penicillin leptospirosis vaccine. S.R.Khomik and others. Trudy Rost. NIVS no.12:92-95 '60.
Study of leptospirosis in dogs. G.P.Vnotl'ev, A.B.Vashchenko. Trudy Rost.NIVS no.12:84-91 '60

DOGS—PARASITES see Parasites—Dogs

DOLINA REGION (STANISLAV PROVINCE)—OIL RESERVOIR ENGINEERING
Using field data for calculating the phase permeability of rocks for oil and gas. I.N.Petrash, V.P.Vasilechko. Nauch.-tekh.sbor.po dob.nefti no.16 30-34 '62

DOLPHINS
Secrets of animals. V.Averi'anov. Znan.-sila 37 no.5, 36-37 My '62.

DOMES
Architectural and spatial characteristics of cupola roofs and some problems of economics. I.G.Gokhart-Kharmandarian. Izv.vys.uch.zav., stroi.i arkhit. 5 no.4 171-180 '62.

DOMESTIC RELATIONS—BIBLIOGRAPHY see Bibliography—Domestic relations

DON VALLEY—LAMBS
Raising and care of lambs on progressive Don [Valley] farms. V.K.Parakin and others. Trudy Rost.NIVS no.12:131-142 '60.

DONETS BASIN—BRACHIOPODA, FOSSIL
Fauna of the Lower Visean brachiopods in the Donets Basin. D.E.Aizenberg. Trudy Inst.geol.nauk AN URSR.Ser.strat.i paleont. no.44,95-112 '62.

DONETS BASIN—COAL GEOLOGY
Effect of intrusions on the metamorphism of coals in the South Donets Basin deposit. V.F.Tkachenko. Geol.zhur. 22 no.1,88-94 '62.
Some causes for a change in the coal resources in the Donets Basin. V.S.Popov. Razved.i okh.nedr 28 no.9:27-35 S '62

DONETS BASIN—COAL MINES AND MINING
Area of use of the block system of opening up flat seams in the Donets Basin. M.I.Ustinov. Nauch.soob.IGD 12:36-45 '61.
Determining the expediency of the wide work drifting system in mining flat seams. S.M.Lipkovich, M.P. Zborshchik, A.S.Biatishko. Ugol' Ukr. 6 no.8,37-38 S '62.
High-speed drifting makes possible retreat longwall mining. IU.P.Ivantsov, I.Beseda. Ugol' 37 no.9: 11-17 S '62.
Improve the exploration and utilization of the resources of coal deposits. Ugol' Ukr. 6 no.9,47 S '62.
Main tasks in developing the coal industry of the Donets Basin. S.Ostrovskyi. Ekon.Rad.Ukr. no.5 13-19 S-O '62.
The mine builders of Luganskugol' Combine struggle for progress. B.L.Kaganovich. Shakht.stroi. 6 no.9:1-5 S '62.
Miners of the Donetskugol' Combine struggle to carry out the resolutions of the 22d Congress of the CPSU. F.T.Gaponenko. Ugol' 37 no.8:13-14 Ag '62.
Panov, A.A., comp. [One-hundred years, collected sketches, reminiscences, and documents from the history of the Dzerzhinsk Mine] Sto let, sbornik ocherkov, vospominanii i dokumentov iz istorii shakhty imeni Dzerzhinskogo. Stalino, Knizhnoe izd-vo, 1960. 269 p. (Istoriia fabrik i zavodov) (MIH) (NN)
Possibility of applying the chamber-and-pillar method in mining Donets Basin steeply dipping coal seams. V.I.Baranovskii. Ugol' 37 no.8:31-32 Ag '62.
Study of ways of controlling rock pressure in working seams in the central Donets Basin where there are soils which tend to creep. G.S.Khomylov. Nauch.soob.IGD 12:46-53 '61.
When the drifting operations have been well prepared. D.F.Kovalev, L.S.Utkin, I.D.Solomenev. Ugol' Ukr. 6 no.9:1-7 S '62.
Work system without specific assignment in the "Proletarskaya-Glubokaya" mine. IU.B.Petrov. Ugol' Ukr. 6 no.9,31-32 S '62.
Worth of spoiled wood. IU.Babikov. Izobr.i rats. no.10: 28-29 O '62.
Year of great accomplishments. S.Toropchin. Sov.shakh. 11 no.10:5-6 O '62.

DONETS BASIN—COAL MINES AND MINING—LABOR PRODUCTIVITY
Mined 130 meters of inclined drifts in one month. L.A. Vainshtein, E.A.Grinenko, N.A.Gorgol'. Ugol' Ukr. 6 no.9,9-10 S '62.
Miners of Krasnoarmeyskugol' Trust welcome Miner's Day with suitable achievements. V.I.Samofalov. Ugol' 37 no.8:18-19 Ag '62.
Miners of Ordzhonikidzeugol' Trust salute Miner's Day. E.I.Gaiko. Ugol' 37 no.8:20-21 Ag '62.
Reached a monthly output of 25,411 tons of coal with the KR-2 cutter loader. N.I.Zolotukha, A.A.Kolichiy. Ugol' 37 no.9:11-14 S '62.

DONETS BASIN—ECONOMIC CONDITIONS
How a publishing house disseminates experience in the carrying out of our great program. A.Kravchenko. Komm.Ukr. 38 no.9:90-92 S '62.

DONETS BASIN—ECONOMIC GEOGRAPHY
Zamkovoi, V.P. [Donets Basin; economic and geographical essay] Donbass; ekonomiko-geograficheskii ocherk. Moskva, Uchpedgiz, 1962. 125 p.

DONETS BASIN—FORAMINIFERA, FOSSIL
Representatives of some families of small foraminifers from the Lower Permian in the northwestern margin of the Donets Basin. P.D.Potievskaia. Trudy Inst.geol. nauk AN URSR.Ser.strat.i paleont. no.44:49-94 '62

DONETS BASIN—GEOLOGY, STRATIGRAPHIC
Boundary layers between the Campanian substage and Maastricht stage in the northern margin of the Donets Basin. M.IA.Blank, O.S.Lypnyk. Geol.zhur. 22 no.4:44-52 '62.
Recent stratigraphic scale of Jurassic sediments in the margins of the Donets Basin and Dnieper-Donets Lowland and possibilities of its correlation with West European standards. I.M.IAmnychenko. Geol.zhur 22 no.4:3-10 '62.
Stratigraphic correlation of Devonian sediments in the southern margin of the Donets Basin. D.V.Ayzenverg, O.R.Konoplyna, P.K.Lagutyn. Geol.zhur. 22 no.4: 53-56 '62.

DONETS BASIN—HYDRAULIC MINING
Aerodynamics of the movement of an air stream in hydraulic mine workings. V.I.Rossochinskii. Nauch. soob.IGD 12:165-172 '61.
Development work in hydraulic mines. V.I.Korachentsev, IU.N.Kornilov. Ugol' Ukr. 6 no.9:7-9 S '62.

DRILL PRESS[S] - LABOR SPECIFICATIONS
Ob'yazatel'nye normy [Norms of labor for drill presses]. Moskva, Mashgiz, 1962. 110 p. (MIRA 16:2)

DRILL PRESS[S] - MAINTENANCE AND REPAIR
Remont i montazh metallorezhushchikh stankov [Repair and assembly of metal-cutting machine tools]. Moskva, Gosenergoizdat, 1962. 215 p. (MIRA 15:12)

DRILL PRESS[S] - MECHANICAL DRIVES - CATALOGS
Katalog-spravochnik. Vertikal'no-sverlil'nye stanki [Catalog-handbook. Vertical drilling machines]. Moskva, Mashgiz, 1962. 31 p. (MIRA 15:12)

DRILL PRESS[S] - SAFETY MEASURES
Bezopasnaya rabota na sverlil'nykh stankakh [Safe operation of drilling machines]. Moskva, Mashgiz, 1962. 15 p. (MIRA 15:12)

DRILL PRESS[S] - SPEED REGULATORS
Bezstupenchatoe regulirovanie skorosti vrashcheniya shpindelya sverlil'nykh stankov [Stepless regulation of the rotational speed of the spindle of drilling machines]. Moskva, Mashgiz, 1962. 15 p. (MIRA 15:12)

DRILLING
Bezopasnye metody bureniya [Safe drilling methods]. Moskva, Nedra, 1964. 111 p. (MIRA 17:12)

DRILLING AND BORING MACHINERY
Avtomaticheskie linii dlya obrabotki detalei [Automatic lines for machining parts]. Moskva, Mashgiz, 1962. 15 p. (MIRA 15:12)

DRILLING AND BORING MACHINERY - ELECTRIC EQUIPMENT
Elektrooborudovanie stankov [Electrical equipment of machine tools]. Moskva, Mashgiz, 1962. 15 p. (MIRA 15:12)

DRILLING AND BORING MACHINERY - HYDRAULIC DRIVES
Gidravlicheskie mekhanizmy stankov [Hydraulic mechanisms of machine tools]. Moskva, Mashgiz, 1962. 15 p. (MIRA 15:12)

DRILLING AND BORING MACHINERY - NUMERICAL PROGRAM CONTROL
Programmnoe upravlenie stankami [Program control of machine tools]. Moskva, Mashgiz, 1962. 15 p. (MIRA 15:12)

DRILLING AND BORING MACHINERY - PNEUMATIC DRIVES
Pnevmaticheskie mekhanizmy stankov [Pneumatic mechanisms of machine tools]. Moskva, Mashgiz, 1962. 15 p. (MIRA 15:12)

DRILLING FLUIDS
Primenenie glinistykh rastvorov pri burenii [Use of clay solutions in drilling]. Moskva, Nedra, 1964. 111 p. (MIRA 17:12)

DRILLS, ROCK - See Rock drills

DROSOPHILA
Effect of environmental conditions on sex determination in Drosophila melanogaster. Dokl. AN SSSR 160 no.1:205-208 My '65. (MIRA 18:5)

DROWNING, RESUSCITATION FROM
Acquisition of a new drowning. Fel'd i akush. 27 no.11:47 N '62. (MIRA 15:12)

DRUG INDUSTRY
Automation in the production of cortisone. [Trans. from] Avtomatizatsiya v proizvodstve kortizona. Moskva, Mashgiz, 1962. 15 p. (MIRA 15:12)
Basic trends in automation in the production of antibiotics. [Trans. from] Osnovnye napravleniya avtomatizatsii proizvodstva antibiotikov. Moskva, Mashgiz, 1962. 15 p. (MIRA 15:12)
Combined mechanization in the production of injectable solutions in ampules. [Trans. from] Kombinirovannaya mekhanizatsiya proizvodstva inyektsionnykh rastvorov v ampulakh. Moskva, Mashgiz, 1962. 15 p. (MIRA 15:12)
Mechanization and automation in the sterilization industry. [Trans. from] Mekhanizatsiya i avtomatizatsiya sterilizatsionnogo dela. Moskva, Mashgiz, 1962. 15 p. (MIRA 15:12)
Methods of washing, filling and sterilizing ampules. [Trans. from] Sposoby mytya, rozlivu i sterilizatsii ampul. Moskva, Mashgiz, 1962. 15 p. (MIRA 15:12)
Design of optical and automatic methods of technological control in the production of medicinal preparations. Report No.1: Automatic control of pill dusting by the powdered protective coating. [Trans. from] Opticheskie i avtomaticheskie metody kontrolya tekhnologicheskogo protsessa proizvodstva lekarstvennykh preparatov. Doklad No.1: Avtomaticheskiy kontrol' za protsessom pylevogo pokrytiya tabletok. M.A. Pantsyr', A.M. Zhelobkov [et al.]. Moskva, V.A. Mikhelev, 1962. 15 p. (MIRA 15:12)
Semenova, P.D. [Pharmaceutical industry; a textbook] Farmatsevticheskaya promyshlennost', uchebnik. Pod red. T.E. Tolstopyat. Moskva, Izd-vo med. meditsinskoi lit-ry, I.M. Sechenova, 1962. 20 p.
Some problems in the automation of technological processes in producing medicinal and pharmaceutical preparations. [Trans. from] Nekotorye voprosy avtomatizatsii tekhnologicheskikh protsessov proizvodstva lekarstvennykh i farmatsevticheskikh preparatov. V.V. Bokin, Moskva, Mashgiz, 1962. 15 p. (MIRA 15:12)
Practical complex mechanization and automation of production in the drug industry. Moskva, Mashgiz, 1962. 15 p. (MIRA 15:12)
Work in automation and mechanization at the "Akrikhin" factory. [Trans. from] Rabota po avtomatizatsii i mekhanizatsii na zavode "Akrikhin". M.M. Shumakova. Moskva, Mashgiz, 1962. 15 p. (MIRA 15:12)

DRUGS
Effect of some medicinal preparations on the chemical and motor activity of the large intestine. A.V. Frolkis, Kaz. med. zhur., no.3:23-24 My-Je '62. (MIRA 15:12)

DRUGS - LAWS AND LEGISLATION - See subdivision under United States

DRUZ', ANNA SIDOROVNA, 1908-
Thirty-one years of work at the registry. I. S. Sokolov, IU. P. Epshtein. Med. sestra 21 no. 8 60 Ag '62.

DRY DOCKS
Mechanizing the lowering of dried-out ships following salvage. M. Satyrin. Rech. transp. 21 no. 9:56 S '62.

DRY GOODS
All dry good indices should be excellent. G. M. Kholmogorov. Tekst. prom. 22 no. 9:73-76 S '62.

DRYING
Investigating the drying process of a processed motion-picture film. N. A. Vinogradova. Trudy NIKFI no. 45-7-25 '62.

Investigating the process of moisture vapor sorption by silica gel. F. A. Rozental'. Trudy NIKFI no. 45:57-76 '62.

System for rapid drying of processed motion-picture films. F. A. Rozental' and others. Trudy NIKFI no. 45 33-49 '62.

DRYING—CONGRESSES
A scientific technical conference on the automation of drying processes. M. Lykov. Vest. sel'khoz. nauki 7 no. 8:154 Ag '62.

DRYING APPARATUS
Automatic temperature control and gas cut-off on tunnel brick and stopping device dryers. V. A. Lishev, G. I. Aldushchenko. Met. i gornorud. prom no 4:76-77 Jl-Ag '62

Conversion of gypsum plaster driers to an accelerated system. V. R. Borovskii, I. M. Pievskii, L. D. Vyrichek. Stroi. mat. 8 no. 8:26-28 Ag '62.

Pneumatic dryers for wood chips. D. M. Sterlin, P. I. Zakharov, Ya. Z. Leikin. Der. prom. 11 no. 10 6-9 O '62.

DUCKS see subdivision under Gatchina District

DUCKS—PARASITES see Parasites—Ducks

DÜSSELDORF—EXHIBITIONS
Equipment at the 1962 "DRUPA" Exhibition. G. P. Smirnov. Poligr. proizv. no. 9:26-28 S '62.

DUODENUM—TUMORS
Diagnosis of adenomatous polypi of the duodenum. A. P. Izmak. Klin. med. 40 no. 6:118-120 Je '62.

Myogenic tumors of the duodenum. IU. P. Likhachev, M. S. Bondarchuk, A. P. Sorenko. Klin. med 40 no. 6: 112-116 Je '62.

DUROVA, NADEZHDA ANDREEVNA, 1783-1866
A girl who fought as a soldier. Rab. i stial. 30 no. 01 12-13 Ag '62.

DUST
Method for determining sulfates, chlorides, and tarry substances in atmospheric dust. IA. A Apel'. Gig. i san. 26 no. 12:78-79 D '61.

DUST COLLECTORS
Foam system dust collector. R. Synovca. Prom. Arm. 5 no. 9:37-38 S '62.

DUTCH LITERATURE—HISTORY AND CRITICISM
Volevich, I. V. [Contemporary literature of the Netherlands] Sovremennaia literatura Niderlandov. Moskva, Izd-vo "Znanie," 1962. 47 p. (Novoe v zhizni, nauke, tekhnike. VI Seriia: Literatura i iskusstvo, no. 16)

DUTOVA, DAR'IA GRIGOR'EVNA
Dar'ia Grigor'evna Dutova. Med. sestra 21 no. 9:60 S '62.

g in dwarf apple trees. V E
no. 4 610-622 Jl-Ag '62.

under Leningrad; Moscow;

VENTILATION
tion of appliances for central
o the window aperture. L. A.
no. 12:87 D '61.

NOVICH, 1833-1939
f his life and activities" by
by V. V. Lamakin. Priroda

luction rate of vat dyes in
omb, G. V. Shalimova. Tekst
'62.

Part 8: Rate of conversion
nds. O. F. Ginzburg, E. I.
. klim. 32 no. 8:2633-2637

reinforced cotton hosiery.
F. M. Fisher. Tekst. prom

TRY
he reactive and hydrolized
yes. F. I. Sadov, G. U. Kri-
! no. 9:29-31 S '62.

DYES AND DYEING—TEXTILE FIBERS
From the experience in dyeing lavsan polyester fibers. V. E. Zinov'ev and others. Tekst. prom. 22 no. 9:8-11 S '62.

DYES AND DYEING—TEXTILE FIBERS—BIBLIOGRAPHY
see Bibliography—Dyes and dyeing—Textile fibers

DYES AND DYEING—WOOL
Feeding of the dye baths in the continuous method of dyeing woolen fabrics with acid dyes. I. A. Shikanova, M. V. Korchagin, L. A. Vorokhova. Tekst. prom. 22 no. 9:11-14 S '62.

Use of sound vibrations in the scouring and dyeing of woolen fabrics and fibers. F. G. Tokar', L. F. Kuchina Tekst. prom. 22 no. 9:31-34 S '62.

DYNAMICS OF A PARTICLE
Quantum-mechanical expression of the density of an energy flux. B. M. Askerov. Izv. AN Azerb. SSR. Ser. fiz.-mat. i tekh. nauk no. 3 77-80 '62.

Remarks on the range-energy relation [with summary in English]. Do In Seb. Zhur. eksp. i teor. fiz. 43 no. 1 121-125 Jl '62

DYNAMOMETER
Design of a ring-shaped dynamometer with a variable cross section. G. F. Malikov, A. L. Shneiderman. Priborostroenie no. 8:9-10 Ag '62.

Dynamometer for a high-frequency machine for testing blades. A. S. Bol'shikh. Priborostroenie no. 8:4-6 Ag '62.

Electric strain-gauge dynamometers developed by the Research and Design Institute for Testing Machines and Devices, and Means for Measuring Masses. A. K. Shelatunkin. Priborostroenie no. 8:30-31 Ag '62.

Selecting the rigidity of elastic links in the dynamometry of farm tractors [with summary in English]. V. P. Roslikov. Izv. TSKHA no. 2:222-226 '62.

Some characteristics of technological processes for manufacturing flexible bodies of dynamometers. G. P. Gorlin, V. M. Stefanskii. Priborostroenie no. 8:22-24 Ag '62.

Vibratory dynamometers. L. G. Etkin. Priborostroenie no. 8:20 Ag '62.

DYNAMOMETER—TESTING
Methods for testing dynamometric elements and strain gauges. B. R. Loitsker, A. P. Mironov. Priborostroenie no. 8:8-9 Ag '62.

DYNAMOS see Electric generators

DYSENTERY
Antibiotics in pediatrics (dysentery, coli-enteritis, pneumonia). R. Z. Sherman, O. I. Shevlekova, S. D. Tatarinova. Antibiotiki 7 no. 8:749-757 Ag '62

Water-borne outbreak of dysentery. A. P. Anokhina and others. Gig. i san. 26 no. 12:60-62 D '61.

Zverov, E. I. [Dysentery, food toxinfections and intestinal invasions] Dizenteriia, pishchevye toksiko-infektsii i kishechnye invazii. Pod red. i s predisl. K. V. Bunina. Moskva, Medgiz, 1962. 262 p. (DNLM)

DYSTONIA
Familial torsion dystonia [with summary in French]. G. V. Shamova. Och. klin. nevr. no. 1 61-70 '62.

DZERZHINSKII, FELIKS EDMUNDOVICH, 1877-1926
Outstanding leader of Soviet transportation; on the occasion of the 65th birthday anniversary of F. E. Dzerzhinskii. S. S. Khromov. Zhel. dor. transp. 44 no. 9:70-72 S '62.

"A soldier of giant battles" by A. Khatskevich. Reviewed by V. Danilovich. Belarus' 10 no. 9:30 S '62.

DZERZHINSKIY DISTRICT (MINSK PROVINCE)—COMMUNITY CENTERS
One is stronger than twelve. V. Pleshovenia. Sov. deput. trud. no. 10:36-38 O '62.

DZHAMBUL—REVOLUTION, 1917-1921
From the history of the Aulie-Ata Council of Soldiers' Deputies, 1917-1918 [in Kazakh with summary in Russian]. A. Ospanov. Izv. AN Kazakh. SSR. Ser. ist., arkheol. i etn. no. 2, 28-43 '62.

DZHANKOY—TOMATOES, CANNED
Experience in the production of tomato paste on the Lang automatic line. R. V. Zabloteskii. Khar. prom. no. 3: 14-16 Ap-Je '62.

DZHETY-SU see Semirech'ye

DZHEZKAZGAN—NONFERROUS METAL INDUSTRIES
"Beshbarmak" served in the wrong way. V. Filippov. Sov. profsoiuzy 18 no. 18:34-35 S '62.

DZHEZKAZGAN—RHENIUM
A rhenium-containing mineral from the ores of the Dzhezkazgan deposit. E. M. Poplavko, L. D. Marchukova, S. Sh. Zak. Dokl. AN SSSR 146 no. 2:433-436 S '62.

DZHEZKAZGAN DEPRESSION—FOLDS (GEOLOGY)
Relationship between the Tengiz and Dzhezkazgan Depressions in the Upper Paleozoic of central Kazakhstan. A. S. Kumpan. Trudy VSEGEI 74:21-38 '62.

DZHEZKAZGAN DISTRICT—ELECTRIC PROSPECTING
Interpretation of electric prospecting materials in the Dzhezkazgan District. D. Al'mukhanbetov, R. Unyshev, N. Kul'baev. Vest. AN Kazakh SSR 18 no. 6 49-54 Je '62

DZUNGARIAN ALA-TAU—GEOLOGY, STRATIGRAPHIC
Devonian of the Dzungarian Ala-Tau. N. A. Afonichev Trudy VSEGEI 74 37-57 '62.

EAR—ABNORMITIES AND DEFORMITIES
Surgical treatment of depression and extreme prominence of the auriculae (lop-earedness). N. M. Aleksandrov. Vest. otorin. no. 5:44-46 '62

EAR—DISEASES
Allergic reaction of the ear to tomatoes. S. N. Golubeva. Vest. otorin. no. 5:80-81 '62.

Salivary gland secretion in otogenous intracranial complications. F. A. Matsievskaia. Vest. otorin. no. 5: 58-62 '62.

EAR—INNERVATION
Method for silver impregnation of the neural elements of the inner ear. IU. P. Tolstov. Vest. otorin. no. 5:73-75 '62.

EARTH—FIGURE
Determining the earth's figure using the anomaly of the vertical gradient of gravity acceleration [with summary in English]. S. V. Gromov. Uch. zap. LGU no. 307: 231-242 '62.

EARTH—INTERNAL STRUCTURE
Internal structure of the earth [with summary in English]. S. M. Stishov. Geokhimiia no. 8:649-655 '62.

Study of the internal structure of the earth based on seismic data. E. F. Savarenskii Vest. AN SSSR 32 no. 8: 131-135 S '62.

EARTH—SURFACE
(see also subdivision under Canadian Shield)

Demenitskaia, R. M. [Basic characteristics of the crustal structure based on geophysical data] Osnovnye cherty stroeniia kory Zemli po geofizicheskim dannym. Leningrad, Gos. nauchn.-tekhn. izd-vo. neft. i gorno-toplivnoi lit-ry, Leningr. otd-nie, 1961. 221 p. (Leningrad. Nauchno-issledovatel'skii institut geologii Arktiki. Trudy, vol. 115)
[MICROFILM]

Machatschek, Fritz. [Crustal relief; experiment in the regional morphological description of the earth's surface. Translated from the German] Rel'ef zemli, opyt regional'nogo morfologicheskogo opisaniia poverkhnosti zemli. Moskva, Izd-vo inostr. lit-ry, 1959- 1 v.
(WaU)

Specific characteristics of the crustal tectonic development in the Early Pre-Cambrian. E. V. Pavlovskii Trudy VSGI, Ser geol. no. 5 77-108 '62.

Thickness of the earth's crust in relation to relief and gravity anomalies. N. B. Sazhina Sov. geol. 5 no. 8: 151-157 Ag '62.

Use of magnetometric data for studying crustal deep structure of platform areas. T. N. Simonenko Sov. geol 5 no. 8, 3-15 Ag '62.

EARTH MOVEMENTS
(see also subdivision under Baikal Lake region)

Dips of the upper layers of the earth. V. F. Bonchkovskii Priroda 51 no. 7, 48-52 Jl '62

EARTH SATELLITES see Artificial satellites

EARTHMOVING MACHINERY
(see also subdivision under Ukraine)

Efficiency of continuous-action earth-working machinery. M. A. Shubin. Transp. stroi. 12 no. 8:36-39 Ag '62.

Large-block assembly of a composite banking unit. N. S. Vdovenko, A. G. Shevchenko. Mont. i spets. rab. v stroi 24 no. 9:5-8 S '62.

New digging machines for the improvement of land. IA. D. Zaidman. Gidr. i mel. 14 no. 8:30-31 Je '62.

Soil-compaction machines. Stroi. i dor. mash. 7 no. 8: 1-3 Ag '62.

Working frozen ground at building sites in the Southern Urals. I. Shalkovskii, B. Glavatskikh. Na stroi. Ros. 3 no. 5:29-31 My '62.

EARTHMOVING MACHINERY—CONGRESSES
Advanced methods of mechanizing earthwork. Mekh. stroi. 19 no. 9:29-31 S '62.

EARTHQUAKES see subdivision under Carpathian Mountains; Chile

EARTHQUAKES AND BUILDING
Unified frame for public buildings in earthquake districts. IU. Skrinskii, M. Kukobaev. Zhil. stroi. no. 7:10-12 '62.

Zolen'kov, F. D. [House on an earthquake shock absorber] Dom na seismoamortizatore. Ashkhabad, Turkmenskoe gos. izd-vo, 1961. 60 p. illus. diagrs.
[MICROFILM]

EARTHS, RARE see Rare earths

EARTHWORK

Additions and amendments to the technical part of Collection no 2 of standard district estimates. Biul stroi. tekh. 19 no. 3 31 Mr '62.

Experimental earth-fill of the earth dam in construction of the Golovnaya Hydroelectric Power Station. I. A. Shneer, V. I. Korsuntsev. Gidr. stroi. 32 no. 8:10-13 Ag '62.

Operating systems of machines with chain cutting units when cutting frozen ground. V. D. Abezgauz. Mekh. stroi. 19 no. 9:14-17 S '62.

Polar method of laying out the borders of the edges of cuttings on steel hillsides. P. I. Minin. Transp. stroi. 12 no. 8 41-42 Ag '62.

Use of earth-fill to build a dam out of gravelly and sandy soil. V. P. Mentiukov. Transp. stroi. 12 no. 8 24-27 Ag '62.

Using the RMTs-2 machine with two cutting units for loosening frozen ground. V. A. Shtobbe, Iu. V. Troianovskii. Mekh. stroi. 19 no. 9:17 S '62.

Utilizing the work of impact in the erection of embankments of cohesive soil. Iu. I. Gorskii. Gidr. stroi. 32 no. 8 30-31 Ag '62.

Vetrov, Iu. A. [Resistance of soil to cutting] Soprotivlenie gruntov rezaniiu. [Kiev] Izd-vo Kievskogo univ., 1962. 76 p.

EARTHWORMS see subdivision under Moldavia

EAST—HISTORY

History of the ancient Orient. M. A. Dandamaev. Vest. AN SSSR 32 no. 9:146 S '62.

EAST (FAR EAST) see Far East

EAST (NEAR EAST) see Near East

EAST (SOVIET FAR EAST) see Soviet Far East

EAST COAST FEVER see subdivision under Turkmenistan

EAST GERMAN ENTERTAINERS see Entertainers, East German

EAST GERMANY see Germany, East

EAST KAZAKHSTAN PROVINCE—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

Propagandists of the village of Verkhubinskoye. A. Andreev. Part. zhizn' Kazakh. 32 no. 9:57-60 S '62.

EAST KAZAKHSTAN PROVINCE—WEED CONTROL

Weed control during fall tillage. V. G. Sheremet. Zemledelie 24 no. 8:85 Ag '62.

EASTERN EMPIRE see Byzantine Empire

EASTERN EUROPE see Europe, Eastern

EASTERN ORTHODOX CHURCH see Orthodox Eastern Church

EASTERN SIBERIA see Siberia, Eastern

EBULLITION

Critical thermal loads in the boiling of a saturated liquid in pipes. R. A. Rybin. Atom. energ. 13 no. 4:377-380 O '62.

ECHINOCOCCUS see Hydatids

ECHO VIRUSES

Clinical aspects of lesions of the nervous system in ECHO virus infection in children [with summary in French]. E. I. Ampol'skaia. Zhur. nevr. i psikh. 62 no. 7:966-971 '62.

ECKMAN, DONALD, 1915-1962

Professor Donald Eckman; obituary. Avtom. i telem. 23 no. 7:989 Jl '62.

ECLIPSES, SOLAR

Some results of using radio astronomy techniques in the study of the solar eclipse of February 15, 1961. N. D. Bulatov, V. G. Serebriakova. Radiotekhnika 17 no. 10: 21-24 O '62.

ECLIPSES, SOLAR—1954

Observation of the total solar eclipse of June 30, 1954, by the expedition of the Astrophysical Institute of the Academy of Sciences of the Kazakh S.S.R. M. G. Kartmov, S. O. Obaubev. Izv. Astrofiz. inst. AN Kazakh. SSR 2:97-102 '56.

ECONOMIC ASSISTANCE

"Common market" as a state-monopoly agreement of the financial oligarchy. N. S. Khrushchev. Vnesh. torg 42 no. 8 3-6 '62.

Kapranov, I. A. [The two types of aid] Dva vida pomoshchi. Moskva, Izd-vo "Znanie," 1962. 31 p. (Novoe v zhizni, nauke, tekhnike. VII Seriia: Mezhdunarodnaia, no. 17)

Role of the aid supplied by socialist countries in developing the economy of young national states. V. D. Shchetinin. Uch. zap. IMO no. 6:3-10 '61.

Two worlds, two types of assistance. A. Savin and others. Az. i Afr. seg. no. 9:12-21 S '62.

ECONOMIC ASSISTANCE, AMERICAN see subdivision under Cambodia; Ceylon

ECONOMIC CYCLES see Business cycles

ECONOMIC HISTORY

Cheprakov, V. A. [Economics and policy of monopolistic capital] Ekonomika i politika monopolisticheskogo kapitala. Moskva, Izd-vo "Znanie," 1962. 39 p. (Novoe v zhizni, nauke, tekhnike. III Seriia: Ekonomika, no. 16)

ECONOMIC POLICY

Current problems in the methodology of planning. L. Al'ter, P. Kiylov, B. Miroshnichenko. Kommunist 39 no. 16:61-76 N '62.

ECONOMIC RESEARCH see subdivision under Armenia

ECONOMICS

(see also subdivision under Hungary)

A conference in the Institute of International Relations. I. Dmitriev. Mir. ekon. i mezhdunar. otn. no. 10 153-157 O '62.

Economic problems are the most important. N. Medvedev. Kommunist 39 no. 15:101 O '62.

The economic subject in newspapers. A. Shcherbakov. Sov. pech. no. 9:34-35 S '62.

"Economics; an introductory analysis" [in English] by Paul A. Samuelson. Reviewed by Iu. Ol'shevich. Kommunist 39 no. 15:119-120 O '62.

The Fifteenth Session of the International Bank Summer School. Den. i kred. 20 no. 8:38-39 Ag '62.

Leont'ev, L. A. [Primary course in economics] Nachal'nyi kurs politicheskoi ekonomii. 2., perer. izd. Moskva, Gospolitizdat, 1962. 500 p.

Meetings abroad. K. Plotnikov. Vop. ekon. no. 9:156-160 S '62.

On the basic economic law of socialism and several methodological problems of economics. I. Lazutkin. Vop. ekon. no. 9:100-112 S '62.

Some problems of the political economy of socialism. M. Sukov. Polit. samoobr. 6 no. 9:25-34 S '62.

ECONOMICS—BIBLIOGRAPHY see Bibliography—Economics

ECONOMICS—STUDY AND TEACHING

A department of economics in a factory. M. Kharshak. Polit. samoobr. 6 no. 9:68-70 S '62.

Niktin, P. I. [Course outline on the fundamentals of economics for the groups in the party education system] Programma po osnovam politicheskoi ekonomii dlia kruzhkov sistemy partiinogo prosveshcheniia. Moskva, Sotsekgiz, 1962. 30 p.

Russia (1923- U.S.S.R.) Upravlenie propodavaniia obshchestvennykh nauk. [Program for the course on economics for institutions of higher learning, 300 hours] Programma kursa politicheskoi ekonomii; dlia vysshikh uchebnykh zavedenii (300 chasov). Moskva, Sotsekgiz, 1962. 62 p.

Study economics! A. Klimov. Polit. samoobr. 6 no. 9: 93-102 S '62.

ECONOMICS, MATHEMATICAL

Botarskii, A. IA. [Studies on mathematical economics] Matematiko-ekonomicheskie ocherki. Moskva, Gosstatizdat, 1962. 309 p.

Condition of equilibrium in the Neumann model. V. L. Makarov. Sib. mat. zhur. 3 no. 3 476-478 My-Je '62.

Fedorovich, M. M. [Mathematical model of the technical, industrial and financial plan] Matematicheskaia model' tekhpromfinplana. Moskva, Izd-vo "Znanie," 1962. 31 p. (Novoe v zhizni, nauke, tekhnike. III Seriia: Ekonomika, no 13/14)

ECZEMA

Eczema. A. A. Studnitsin. Med. sestra 21 no. 9:3-6 S '62.

Results of prednisolone therapy for eczemas in very young and older infants [with summary in English]. M. E. Lipets. Vop. okh. mat. i det. no. 6:20-24 Ag '62.

EDITING

"Editors of books speak of their work." Reviewed by N. M. Sikorskii. Kniga; issl. i mat. 6:347-351 '62.

New ways of organizing editorial work in publishing houses. B. S. Gorbachevskii. Kniga; issl. i mat. 6:12-27 '62.

"Theory and practice of editing books" by F. S. Likhtenshtein, N. M. Sikorskii, M. V. Urnov. Reviewed by M. Lapshin. Sov. pech. no. 9:39-40 S '62.

Volunteer forms of editing exemplified in the Great Medical Encyclopedia. D. I. Vinokurov. Kniga; issl. i mat. 6:71-74 '62.

EDUCATION

(see also subdivision under Czechoslovakia; Germany, East; Kirovskiy District, North Ossetia; White Russia; Yakutia; Yamal-Nenets National Area; Yaroslavl Province)

Cultural revolution is the general feature of the early history and further development of socialism. A. I. Arnol'dov. Vop. filos. 16 no. 9:143-153 '62.

Cybernetical approach to educational theory. L. N. Landa. Vop. filos. 16 no. 9:76-87 '62.

Facts and figures. Vest. vys. shkoly 20 no. 8:80 Ag '62.

Foreign delegations in Soviet institutions of higher learning. Vest. vys. shkoly 20 no. 8:79 Ag '62.

Kumanov, V. A. [Toward the apex of culture; how the CPSU has struggled for the further development of Soviet culture] K vershinam kul'tury, KPSS v bor'be za dal'neishii rastsvet kul'tury, 1956-1961. Moskva, Izd-vo "Znanie," 1962. 31 p. (Novoe v zhizni, nauke, tekhnike. I Seriia: Istoriia, no. 18)

Let's raise the quality of pedagogical work and pedagogical supervision. Nar. obr. no. 10:1-8 O '62.

Planning the work of schools and teachers. P. Mikhailova and others. Nar. obr. no. 8 97-104 Ag '62.

"V. I. Lenin and the problems of public education." Reviewed by M. Kondakov. Nar. obr. no. 8 115-116 Ag '62.

EDUCATION—BIBLIOGRAPHY see Bibliography—Education

EDUCATION—FINANCE

Disposal of universal elementary education funds. Sov. deput. trud. no. 10:99-100 O '62.

EDUCATION—PERIODICALS

(see also subdivision under Tatar A. S. S. R.)

Read it in the periodicals. Nar. obr. no. 6:123 Ag '62.

Read it in the periodicals. Nar. obr. no. 10:121 O '62.

EDUCATION, COMPULSORY

Law on eight-year compulsory education should be carried out everywhere. Nar. obr. no. 8 7-10 Ag '62.

Party organization in the struggle for compulsory education. Z. Kurdinov. Nar. obr. no. 10:70-74 O '62.

EDUCATION, COOPERATIVE

(see also subdivision under Minsk)

Akademiia pedagogicheskikh nauk RSFSR, Moscow. [Training general secondary school students for work in industry] Podgotovka uchashchikhsia srednikh obshcheobrazovatel'nykh shkol k trudu v promyshlennosti. Pod red. D. A. Epshtein, M. A. Zhidelevа I N. P. Suvorova. Moskva, 1962. 150 p.

Festival of work. A. Zyrianova, L. Ilinova. Nar. obr. no. 10:57 O '62.

The first results make us happy. N. Maklakov. Nar. obr. no. 8 80-81 Ag '62.

How we conduct the reorganization. P. Pinskii, A. Bogoslovskii. Nar. obr. no. 10:55-58 O '62.

Science in the institutions of higher learning. V. A. Venikov and others. Vest. vys. shkoly 20 no. 9:17-25 S '62.

"Youth reaches manhood in work." Reviewed by M. Skvortsov. Nar. obr. no. 10:113-114 O '62.

EDUCATION, ELEMENTARY

(see also subdivision under Bulgaria; Skidel' District, Tsykov District)

Elementary education. M. Vasil'eva, A. Pchelko. Nar. obr. no. 8 75-79 Ag '62.

Groups with longer hours. V. A. Mikulo, R. D. Grevtsova. Nach. shkola 30 no. 8 55-57 Ag '62.

Last month to prepare for the new school year. Nach. shkola 30 no. 8 5-10 Ag '62.

Let's plan training work in a practical way. M. M. Gluz. Nach. shkola 30 no. 8 61-64 Ag '62.

Our experience in planning training work. V. N. Zhavoronkov. Nach. shkola 30 no. 8:61-65 Ag '62.

Planning training work in elementary schools. A. Antipin, Z. Tikhonkina. Nach. shkola 30 no. 8 61-63 Ag '62.

Should we simplify the program? G. A. Gorchakov. Nach. shkola 30 no. 8:64 Ag '62.

Training of primary school students in communal activities. A. V. Zvantsovskii. Nach. shkola 30 no. 8 26-27 Ag '62.

Useful advice. Popova. Nach. shkola 30 no. 8:65 Ag '62.

Work for the general good is the best method of education. F. T. Bondar'. Nach. shkola 30 no. 8 27-29 Ag '62.

EDUCATION, HIGHER

(see also subdivision under Czechoslovakia, Vietnam, North)

Beginning of a school year. Vest. vys. shkoly 20 no. 9: 5-9 S '62.

[Bulletin of the Ministry of Higher and Secondary Specialized Education of the U.S.S.R.] Biul. Min. vys. i sred. spets. obr. SSSR no. 10 O '62.

An important and useful discussion; discussing the problems of the education of university students. V. Ilin. Agitator no. 20:53-60 O '62.

Inter-university conferences. B. N. Narzullaev. Vest. vys. shkoly 20 no. 8 45-46 Ag '62.

Let's mobilize the hidden potentialities of institutions of higher learning for the carrying out of objectives by the party. V. N. Stoletov. Vest. vys. shkoly 20 no. 8 7-12 Ag '62.

Prospects for using programmed training. Vest. vys. shkoly 20 no. 9:89 S '62.

Study time is precious. Vest. vys. shkoly 20 no. 8:3-6 Ag '62.

EDUCATION, HIGHER—CONGRESSES

In anticipation of the International Symposium of Scholars on the Problems of Higher Education. I. I. Glivkov, Pierre Biquard. Vest. vys. shkoly 20 no. 8 67-71 Ag '62.

EDUCATION, PRESCHOOL see subdivision under Minsk

EDUCATION, RURAL

New objectives of the education of rural youth. B.S. Osipov. Vech.sred.shkola 5 no.3 31-34 My-Je '62.

Raising the qualifications of rural youth in schools I Minyi Nar.obr no.8 108-109 Ag '62

EDUCATION OF CHILDREN
(see also subdivision under Yamal-Nenets National Area)

From the archives of A.S Makarenko Nar.obr no.10-105-109 O '62

Levshin, L.A. [Parents ask for advice] Roditel' prosit soveta. Moskva, Izd-vo "Znanie," 1962. 47 p. (Novoe v zhizni, nauke, tekhnike. XI Seriia Pedagogika, no.17)

EDUCATIONAL ACCELERATION

Educational work in a class with accelerated instruction. N.A. Maksimova. Vech.sred.shkola 5 no.3,83-85 My-Je '62.

The work of classes with accelerated instruction. G.M. Vakhumov and others. Vech.sred.shkola 5 no.3:79-81 My-Je '62.

EDUCATIONAL PSYCHOLOGY

Conditions determining the structure of perception. B B Kossov. Izv APN no 120:87-101 '62.

Psychology of third-grade school children. E Matlin. Nar. asv. no. 5:14-22 Je '62.

Role of verbal instructions in perception B B. Kossov Izv.APN no.120:58-86 '62.

EDUCATIONAL RESEARCH

Didactic principles of teaching. L. Zankov. Nar obr no.10:38-47 O '62.

EFFICIENCY, INDUSTRIAL
(see also subdivision under Andizhan, Voronezh Province)

Communist labor will prevail. V.Grishin. Kommunist 39 no.16:39-51 N '62.

Contribution of our efficiency promoters A S Medovaia Gidrolizi lesokhim. prom 15 no.6 29 '62.

Creativeness of efficiency promoters N D Kuznetsov Gidrolizi lesokhim. prom 15 no 6 28-29 '62

Efficiency promoters of the Erivan Aluminum Plant K.Arushanian Prom.Arm 5 no.9:39-40 S '62

Important source for the economy of auxiliary labor. Sots.trud 7 no.9,3-10 S '62.

[Initiators of the new in the seven-year plan; people of labor exploits] Zachinateli novogo v semiletke, liudi trudovogo podviga [Moskva] Profizdat, (Massovaia biblioteka rabochego)
No 8 1962. 79 p.

"Movement of the groups of communist labor and shock workers" by S. Gershberg Reviewed by V T Brechalov Vop ist. no.9 110-112 S '62.

Problems concerning the movement for communist labor in the U.S S.R. B.A.Grushin, V.V.Chikin. Ist.SSSR 6 no.5:17-44 S-O '62.

Secure the energy of youth for the communist cause. V.Saiushev Mol.kommi. no.6 8-16 Je '62.

Self-initiated activity of the masses is the most important factor. A. Belogolovtsev. Kommunist 39 no 15: 102-103 O '62.

"Some problems concerning the transition from socialism to communism" by S. P. Pervushin. Reviewed by M. V. Solodkov. Vest. Mosk. un. Ser. 8 Ekon., filos. 17 no. 5 75-82 S-O '62.

Tribune of the "Communist Youth League Searchlight" movement. Tekh.mol. 30 no.9 2, 3, 14, 15, 16 '62.

Work practices of the "Communist Youth League Searchlight" Movement. V.Golubovskii. Tekh.mol. 30 no.9:1 '62.

Work practices of the section of communist labor headed by A.IA.Igutov, D.A.Zhukov. Ugol' 37 no.9:19-20 S '62.

EGOROV, BORIS GRIGOR'EVICH, 1892-

Boris Grigor'evich Egorov; on his 70th birthday. Vop. neirokhir. no.4:1-3 '62.

EGOROV, PETR EGOROVICH, 1731-1789

Materials for Architect P.E.Egorov's biography. F.D. Kuznetsov. Uch.zap.ChNII no.21;319-327 '62.

EGOROV, VASILII GEORGIEVICH, 1880-

Professor V.G.Egorov. I.A.Andreev. Uch.zap.ChNII no.21-371-378 '62.

EGOROVA, MARIIA IVANOVNA

Mariia Ivanovna Egorova. Med. sestra 21 no.9:52 Ag '62.

EGYPT—COMMERCE—RUSSIA

New step in the development of business connections between the U.S.S.R. and the United Arab Republic. Vnesh torg 42 no 8 19 '62

Our interviews. Vnesh torg. 42 no 9:33-35 '62

EGYPT—FRENCH OCCUPATION, 1798-1801

al-Tabarti. [Amazing history of the past in the biographies of public figures and the chronicle of historical events] Adzha'ib al-asar fi-t-tarajim wa-l-akhbar (udivitel'naia istoriia proshlogo v zhizneopisaniiakh i khronike sobytii) Moskva, Izd-vo vostochnoi lit-ry. (Akademiia nauk SSSR. Institut narodov Azii. Pamiatniki literatury narodov Vostoka. Perevody. no.4)
Vol. 3, Pt 1 [Egypt during the Expedition of Bonaparte, 1798-1801] Egipet v period ekspeditsii Bonaparta, 1798-1801 Perevod, predisl. i primechaniia I M. Fil'shtinskogo. 1962. 539 p

EGYPT—POLITICS AND GOVERNMENT

Egyptian people want peace and disarmament. Lutfi al-Huly. Az.i Afr.seg. no.9 7-8 S '62.

EGYPTIAN ART see Art, Egyptian

EGYPTIAN FOLKLORE see Folklore, Egyptian

EIGENVALUES

An iterative method for solving the complete eigenvalue problem. V.N.Korepov. Ukr.mat.zhur. 14 no.3:328-329 '62

EISLER, HANNS, 1898-1962

Nest'ev, I.V. [Hanns Eisler and his vocal compositions] Gans Eisler i ego pesennoe tvorchestvo. Moskva, Izd-vo Akad. nauk SSSR, 1962 165 p.

ELASTIC PLATES AND SHELLS

Approximate determination of stresses in a rectangular orthotropic plate of finite dimensions symmetrically compressed by discontinuous loading. V.I. Bondin. Izv.vys.uch.zav., stroi.i arkhit. 5 no.1;14-52 '62.

Asymptotic integration of a system of equations describing a large flexure of symmetrically loaded shells of revolution. L.S.Srubshchik, V.I.Hudovich. Prikl. mat.i mekh. 26 no.5 913-922 S-O '62.

Asymptotic theory of the statics and dynamics of elastic circular cylindrical shells. U.K.Nigul. Prikl.mat. i mekh. 26 no.5:923-930 S-O '62.

Calculations for plates and shells with trapezoidal or triangular contour subject to finite flexures. G.A. Sokolova. Izv.vys.uch.zav., stroi.i arkhit. 5 no.4: 91-98 '62.

Determining the reduced cross-section area of a cylindrical shell subjected to a tangential stress along the generatrix. A.I.Sveshnikov. Izv.vys.ucheb.zav.; av. tekh. 5 no.3 98-101 '62.

Equations for calculating shallow shells [with summary in English]. V.D.Shevchenko. Prykl.mekh. 8 no.3: 368-374 '62.

Equilibrium of flexible elastoplastic shells and plates [with summary in English]. M.F.Kirshov. Prykl. mekh. 8 no.5,489-499 '62

Flexure of a circular plate lying on an elastic half-space under the action of a concentrated force and longitudinal forces. A.G.Ishkova. Izv.vys.ucheb. zav., mat. no.3 37-47 '62.

Investigating the stability of a ribbed cylindrical shell subjected to an eccentric compression [with summary in English]. I.IA.Amiro. Prykl.mekh. 8 no.3:359-367 '62.

A new design of the annular part of a box bottom [with summary in English]. L.A.Bespal'ko, I.B Rozenberg, B.N.Tul'chyna'kyi. Prykl.mekh. 8 no.4:398-402 '62.

Parametrically induced vibrations of layered anisotropic flexible shells. V.TS.Gnuni. Izv.AN Arm.SSR Ser. fiz.-mat.nauk 15 no.3;20-36 '62.

Postcritical state and stress concentration in flexible doubly connected plates [with summary in English]. IA.P.Kaiuk. Prykl.mekh. 8 no.5:500-507 '62.

Solvability of equations of axisymmetric bimetallic shells. V.T.Grinchenko. Prykl.mekh. 8 no.5:563-656 '62.

Some problems of the stability and vibration of rectangular plates. IA.A.Barg. Prykl.mekh. 8 no.4:446-452 '62.

The stability "in large" of a thin-walled sphere resting, with its internal surface, on an elastic foundation. B.A.Kortot. Izv.vys.uch.zav., stroi.i arkhit. 5 no.4 24-27 '62.

Stability of a rectangular plate under different loads. A.A.Khachatrian. Izv.AN Arm.SSR.Ser.fiz.-mat. nauk 15 no.3;129-132 '62.

Stress concentration around a circular hole in a physically nonlinear elastic plate in case of a pure shear [with summary in English]. I.A.TSurpal. Prykl.mekh 8 no.4;372-378 '62.

Theory of an intense bending of plates and shallow shells. O.V.Sachenkov. Prykl.mekh. 8 no.4;443-445 '62

Using the method of consecutive loading in investigating the stressed state of plates and shallow shells at finite flexures [with summary in English]. V.V Petrov Prykl.mekh. 8 no.4;352-358 '62.

Variational method for calculating static bending and natural vibrations of a cantilever plate having a beveled bottom section. B.E. Sivchikov. Izv.vys.ucheb.zav., av.tekh. 5 no.3;102-110 '62.

ELASTIC PLATES AND SHELLS—TABLES, CALCULATIONS, ETC.

Arlikhodzhaev, S.A. [Tables for calculating rectangular plates with rectangular holes] Tablitsy dlia raschota priamougol'nykh plastinok s priamougol'nym otverstiem. Tashkent, Izd-vo Akad. nauk Uzbekskoi SSR, 1962. 131 p.

ELASTIC RODS AND WIRES

Calculations for rods fixed in an elastic medium represented by a composite model. L.P.Vinokurov, IA.A. Zhilyakov. Izv.vys.uch.zav., stroi.i arkhit. 5 no.11 18-23 '62.

Determining the maximum permissible load in rod systems by the shifting method. V.I.Reev. Izv.vys.uch. zav., stroi.i arkhit. 5 no.4:53-60 '62

Elementary elastic-plastic deformation caused by torsion of a rod having a shallow longitudinal groove on the surface. M.IA.Leonov, N.N.Shvalko Dokl.AN SSSR 146 no.2 325-327 S '62

Torsion and flexure of orthotropic rods with cavities by a transverse force. A.S Kosmodamianskii. Izv.AN Arm.SSR.Ser.fiz.-mat.nauk 15 no.3;37-49 '62.

ELASTIC RODS AND WIRES—VIBRATION

Effect of shear and inertia of rotation on lateral vibrations of rods [with summary in English]. V.O.Kuzhuenko. Prykl.mekh. 8 no.4:389-393 '62.

ELASTIC SOLIDS—VIBRATION

Determining dissipation characteristics in systems having links made of glass-reinforced plastics [with summary in English]. A.A Bondarenko. Prykl.mekh. 8 no.3:304-307 '62.

ELASTICITY

Application of Fourier's method of integral transformation to the problem of deformation of an infinite elastic medium by internal forces. V.G.Gromov. Izv.vys. uch.zav.;mat. no.5:39-49 '62.

Approximate solution to a certain type of integral equations. V.M.Aleksandrov. Prikl.mat.i mekh. 26 no.5;934-943 S-O '62.

Axially symmetric contact problem for a nonplanar stamp circular in a plane. U.G.Datch. Prikl.mat.i mekh. 26 no.5;931-934 S-O '62.

Effect of holes on the elastic constants of germanium. G.L.Bir, A.Tsmunov. Fiz.tver.tela 4 no.9:2625-2628 S '62.

Effect of the transverse force on the value of the modulus of elasticity of wood in connection with static bending testing. V.N.Ugolev, A.L.Mikhailichenko. Der.prom. 11 no.10 13-15 O '62.

Establishing the validity of Dirichlet's principle for the first boundary value problem in the nonlinear theory of elasticity. A.L.Kriylov. Dokl.AN SSSR 146 no.1 51-57 S '62.

Experimental determination of elastic constants in the nonlinear theory of elasticity. I.A.Tsurpal. Prykl. mekh. 8 no.5:555-564 '62.

Generalization of the solutions of elasticity theory problems V.A.Levshin Nauch trudy MTILP no.21 198-239 '61.

Mixed problem for an elastic anisotropic semiplane. V.A.Sveklo. Prikl.mat.i mekh. 26 no.5:896-906 S-O '62.

"Nonconservative problems in the theory of elastic stability" by V.V.Bolotyn. Reviewed by A.S.Vol'mir. Prykl.mekh. 8 no.5 567-568 '62.

Solution to one of Riemann's linear boundary value problems and its application to certain mixed problems in the two-dimensional theory of elasticity. G.P. Cherepanov. Prikl.mat.i mekh. 26 no.5;907-912 S-O '62.

Solving axially symmetric problems of the theory of elasticity. P.P.Tolchennikov. Izv.vys.uch.zav., stroi.i arkhit. 5 no.4;28-30 '62.

Stresses in a prestressed composite ring reinforcing a circular opening Zh S Erzhanov, Sh M Altaiev. Izv AN Kazakh. SSR. Ser mat i mekh no.10 46-50 '62

Two-dimensional problem of the theory of elasticity of an anisotropic medium for a plane having an unlimited number of identical elliptic apertures. V.I. Mukhovikov. Izv.vys.ucheb.zav., mat. no.3:84-96 '62.

ELBRUS, MOUNT—GRAVITY

Geological nature of the gravity anomaly of Elbrus. M.V.Avdulov. Izv.AN SSSR.Ser.geol. 27 no.9 67-74 S '62.

ELECTIONS see subdivision under United States

ELECTRIC ACCOUNTING MACHINES see Accounting *machines*

ELECTRIC APPARATUS AND APPLIANCES

Lukianov, T.P. [Adjustment of electrical systems] Naladka elektroustanovok. Moskva, Profizdat, 1962. 618 p.

Presniakov, A.G. [How an idea was born and carried out; an inventor's notes] Rozhdenie i voploshchenie zamysla; zapiski izobretatelia. Moskva, Gosenergoizdat, 1962. 110 p.

ELECTRIC APPARATUS AND APPLIANCES—PATENTS

Certificates of invention. Elektrosviaz' 16 no. 8:73-74 Ag '62.

Foreign patents. Elektrosviaz' 16 no. 8:75-76 Ag '62.

ELECTRIC ARC

General power characteristics of the electric arc and electrolysis. P. V. Sergeev. Vest. AN Kazakh SSR 18 no. 6:30-39 Je '62.

ELECTRIC ARC—MEASUREMENT

Measurement of the power and energy of an electric arc. I. B. Bolotin. Elektrichestvo no. 9:78-82 S '62.

ELECTRIC CABLES—CORROSION

Concerning A. R. Miagkova's article "Effect of phenols on the corrosion of lead cable sheathing." K. Ipoll. Elektrosviaz' 16 no. 8:69-70 Ag '62.

ELECTRIC CABLES—STANDARDS

Review of the electric load ratings of flexible mine cables. V. G. Sobolev. Izv. vys. ucheb. zav., gor. zhur. 5 no. 6:129-135 '62.

Supplements and amendments of the technical documentation for cable sleeves "Epoxy coupling sleeves for SB, AB, AAB and other type cable jointing according to the state standard 340-59 and 6515-55 for 1, 6 and 10 kilovoltage," 18th issue. Prom. energ. 17 no. 10:45-46 O '62.

ELECTRIC CABLES—TESTING

Use of bridge circuit techniques for locating insulation damage of cables with plastic sheathing. I. A. Parikozhka. Elektrosviaz' 16 no. 10:56-58 O '62.

ELECTRIC CIRCUITS

Calculating components of a high-frequency activating circuit. N. V. Lebedev. Trudy MAI no. 145:78-98 '62.

ELECTRIC COILS

Resistance of a printed coil on a disk-shaped rotor [with summary in English]. V. Tael. Izv. AN Est. SSR, Ser. fiz.-mat. i tekh. nauk 11 no. 3:192-197 '62.

Two coils with a steel core. Nauch. trudy MPI no. 14:97-110 '61.

ELECTRIC CONDUCTIVITY

Electroconductivity of thin specimens and the feasibility of determining the free paths of electrons in metals [with summary in English]. M. IA. Azbel', R. N. Gurzhi. Zhur. eksp. i teor. fiz. 42 no. 6:1632-1635 Je '62.

Electrodynamics of weakly nonlinear media [with summary in English]. Sh. M. Kogan. Zhur. eksp. i teor. fiz. 43 no. 1:304-307 Jl '62.

Experimental study of excited conductivity. N. L. IAsnopol'skii, A. P. Balashova, A. E. Shabel'nikova. Radiotekh. i elektron. 7 no. 9:1665-1671 S '62.

Rubber conducting electricity. A. Gertsenshtein. Izobr. i rats. no. 8:14 Ag '62.

Steady quasi-unidimensional magneto-gas dynamic flows, assuming finite conductivity. R. I. Khrapko. Zhur. tekh. fiz. 32 no. 9:1063-1071 S '62.

Transverse cathode conductivity of crystals and thin films of A^{II} and B^{VI} type compounds. M. V. Kot, A. B. Simashkevich. Radiotekh. i elektron. 7 no. 9:1672-1679 S '62.

Unsteady plane-parallel flow of a viscous conducting gas taking the anisotropy of the conductance into account. IA. S. Ufland. Prikl. mat. i mekh. 26 no. 5:836-841 S-O '62.

ELECTRIC CONDUCTIVITY—MEASUREMENT

Electric conductivity measurements in gas jets. K. V. Donskoi, IU. A. Dunaev, A. I. Prokof'ev. Zhur. tekh. fiz. 32 no. 9:1095-1098 S '62.

ELECTRIC CONTACTORS

Current collector of a trolley bus. A. N. Trofimov. Vest. elektroprom. 33 no. 10:43-47 O '62.

Evaluation of the properties of electrically conducting materials for contactor pairs commutating electric networks. N. E. Lysov. Vest. elektroprom. 33 no. 10:48-50 O '62.

ELECTRIC CONTACTORS—TESTING

Thyratron device for checking the reliability of contactors. V. Chekanov. Radio no. 9:44 S '62.

ELECTRIC CONTROLLERS

Analysis of the performance of an electric winding mechanism. Z. M. Aksel'rod. Izv. vys. ucheb. zav. iprib. 5 no. 5:90-97 '62.

Selecting the frequency of triodes in pulse systems of an electric drive with a d. c. motor. T. A. Glazenko. Izv. vys. ucheb. zav. iprib. 5 no. 5:33-45 '62.

ELECTRIC CRANES

Pistonless electric hydraulic crane. L. S. Kosmovich, V. I. Dmitriev. Mashinostroitel' no. 9:20 S '62.

ELECTRIC CURRENT CONVERTERS

Ionic converters of decreased frequency. I. IA. Bernshtein, K. V. Polivanovskaia. Vest. elektroprom. 33 no. 10:11-15 O '62.

ELECTRIC CURRENT RECTIFIERS

Features of the development of large ionic drives. E. L. Ettinger. Vest. elektroprom. 33 no. 10:1-10 O '62.

Kalinin, A. T., and T. Kh. Taits. [Use of germanium power rectifiers for the electric current feeding of electrolytic cells] Primenenie silovykh germanievykh vypriamitelei dlia elektropitaniia gal'vanicheskikh vann. Leningrad, 1962. 14 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia Pribory i elementy avtomatiki, no. 1)

Study of the temperature dependence of reverse resistance in selenium rectifiers. Z. A. Aliarova, Sh. M. Alekperova, I. Kh. Geller. Izv. AN Azerb. SSR. Ser. fiz.-mat. i tekh. nauk no. 3:81-87 '62.

Theory of thermal phase shifts in semiconductor rectifiers. F. IA. Rabinovich. Izv. AN Uz. SSR. Ser. fiz.-mat. nauk 6 no. 2:46-54 '62.

The VS-2M rectifier-regulator. V. G. Ulitin. Mashinostroenie no. 4:116 Jl-Ag '62.

ELECTRIC CURRENTS

Oscillations of tunnel current in a magnetic field. V. G. Barkhatkhat, V. I. Makarov. Dokl. AN SSSR 146 no. 1:63-64 S '62.

ELECTRIC CURRENTS—GROUNDING

Answers to readers' questions. I. V. Dubinovskii, V. G. Kotik. Stroi. truboprov. 7 no. 8:26-27 Ag '62.

ELECTRIC CURRENTS, LEAKAGE

"Direct current circuits with leakage and electric protection from corrosion" by B. G. Lortkipanidze. Reviewed by I. V. Strizhevskii. Stroi. truboprov. 7 no. 8:31-32 Ag '62.

ELECTRIC DIPOLE MOMENTS see Dipole moments

ELECTRIC DISCHARGE LIGHTING

Recent data on the spectral characteristics of pulsed lamps. V. P. Kireanov, L. S. Marshak, M. I. Pshikhstein. Opt. i spektr. 13 no. 3:142-146 S '62.

ELECTRIC DISCHARGES THROUGH GASES

Structure of an arc discharge column in argon. Part 1. Local electric characteristics of the column. V. F. Kitaeva and others. Zhur. tekh. fiz. 32 no. 9:1081-1089 S '62.

Structure of an arc discharge column in argon. Part 2. Radius of the column and the radial distribution form. V. N. Koleantkov, N. N. Sobolev. Zhur. tekh. fiz. 32 no. 9:1090-1094 S '62.

ELECTRIC DRIVING

Choice of commutation frequency and control network of the triodes of an impulse reversive system with d. c. motors. T. A. Glazenko. Elektrichestvo no. 9:15-53 S '62.

Features of the development of large ionic drives. L. L. Ettinger. Vest. elektroprom. 33 no. 10:1-10 O '62.

Kunitskii, N. P. [Electronic excitation of the generators and motors of reversing mills] Ionnoe vozbuzhdenie generatorov i dvigatelei reversivnykh prokatnykh stanov. Moskva, Gosenergoizdat, 1962. 100 p. (Biblioteka po avtomatike, no. 54)

Static calculation of a synchronous follow-up electric drive with a displacement feedback. G. IA. Poliakova. Trudy MAI no. 145:50-59 '62.

Vasil'ev, N. N., and S. F. Drobiazko. [Problems on the principles of electric drives] Sbornik zadach po osnovam elektroprivoda. Kiev, Gostekhizdat USSR, 1962. 223 p.

ELECTRIC ENGINEERING—ABSTRACTS

[Electrical engineering and electric power] Ref. zhur.: Elektrotekh. i energ. nos. 18-19 S-O '62.

ELECTRIC ENGINEERING—BIBLIOGRAPHY see Bibliography—Electric engineering

ELECTRIC ENGINEERING—HANDBOOKS, MANUALS, ETC.

Gimel'shein, L. IA. [Electrician's manual on the maintenance of automated systems] Elektroslesar' po obsluzhivaniiu avtomatizirovannykh ustanovok. Moskva, Gosgortekhizdat, 1962. 190 p.

ELECTRIC ENGINEERING—PATENTS

Certificates of invention. Elektrosviaz' 16 no. 10:73-74 O '62.

Foreign patents. Elektrosviaz' 16 no. 10:75-76 O '62.

ELECTRIC ENGINEERING—SAFETY MEASURES

Electric equipment of explosion hazardous outdoor plants. V. IA. Lifshits, N. A. Tarabrina. Prom. energ. 17 no. 10:32-35 O '62.

Luk'tanov, T. P. [Adjustment of electrical systems] Naladka elektroustanovok. Moskva, Profizdat, 1962. 618 p.

ELECTRIC ENGINEERING—STUDY AND TEACHING

Rural schools and electrification. F. Baikov. Nar. obr. no. 10:58-59 O '62.

ELECTRIC EQUIPMENT INDUSTRY see subdivision under Leningrad; Moscow

ELECTRIC EQUIPMENT INDUSTRY—BIBLIOGRAPHY see Bibliography—Electric equipment industry

ELECTRIC EQUIPMENT INDUSTRY—EQUIPMENT AND SUPPLIES

Nekhai, S. M., V. M. Novak, and V. I. Khabarov. [Pressing machines used in the manufacture of electrical insulating materials] Pressy dlia proizvodstva elektroizolitsionnykh materialov. Moskva, Gosenergoizdat, 1962. 94 p.

ELECTRIC FIELDS

Concerning the calculation of electrostatic fields. IU. S. Rusin. Elektrichestvo no. 9:93 S '62.

Depolarization of a π^0-meson in an electric field. IU. M. Ivanov and others. Zhur. eksp. i teor. fiz. 43 no. 1:337-339 Jl '62.

Distribution function of an electric microfield in an ionized gas [with summary in English]. V. N. Alianovskii. Zhur. eksp. i teor. fiz. 42 no. 6:1536-1542 Je '62.

Effect of an electric field on the diffusion of zinc in silicon. R. Sh. Malkovich, N. A. Alimbarashvili. Fiz. tver. tela 4 no. 9:2355-2358 S '62.

Heating of the current carriers in semiconductors in strong electric fields. T. IA. Basin and others. Radiotekh. i elektron. 7 no. 9:1519-1522 S '62.

[illegible] ...enika fizicheskogo ...ozdelenii[illegible] ...ozdelennykh ... the Interuniver- ... and Mathematical

Simulation in Different Technological Fields] Doklady. Moskva, Mosk. energ. in-t.

Vol. 1. Tetel'baum, I. M., ed. [Mathematical simulation of fields] Matematicheskoe modelirovanie polei. 1962. 357 p.

Vol. 2. Litkens, I. V., ed. [Use of mathematical simulation and digital computers in the solution of power engineering problems] Primenenie matematicheskogo modelirovaniia energeticheskikh zadach. 1962. 305 p.

Separating properties of the electric field of a system of parallel inclined pieces of wire. G. V. Zhuni. Izv. vys. ucheb. zav.; fiz. no. 4:156-162 '62.

Stability of plane electron beams in bounded systems with a decelerating electric field [with summary in English]. IU. N. Dnestrovskii, D. P. Kostomarov. Zhur. eksp. i teor. fiz. 43 no. 1:156-165 Jl '62.

ELECTRIC FILTERS

Applying physical modeling to the calculation of optimum parameters of smoothing LC filters. N. A. Levin. Izv. vys. ucheb. zav. iprib. 5 no. 5:8-15 '62.

Methodology for constructing tables for use in calculating the transfer characteristics of electrical filters. N. N. Kochanov. Elektrosviaz' 16 no. 9:53-58 S '62.

Results of using two-section filters in traction substations. M. D. Treiven. Trudy TSNII MPS no. 232:69-77 '62.

Transfer function of a frequency discriminator. N. P. Volkov, P. I. Popov. Avtom. i telem., sbor. st. no. 2:39-43 '62.

ELECTRIC FISHING

Illumination above the water in fishing nauty. L. A. I. A. Semenov. Ryb. khoz. 38 no. 8:45-51 '62.

ELECTRIC FREQUENCY MEASUREMENTS see Frequency measurements

ELECTRIC FURNACES

Control of electric and thermal conditions of a furnace used for the reproduction of a block body. G. P. Sitnik. Soob. GAISH no. 120:3-9 '62.

Correlation between electrical and thermal processes in two steel smelting furnaces. IU. E. Efroimovich. Elektrichestvo no. 9:72-77 S '62.

Diagram for connecting a short network of an electric furnace system to a delta at the electrodes. IA. B. Dantsis, G. M. Zhilov. Elektrichestvo no. 9:29-33 S '62.

[Efficient use of electric power in electric furnaces] Ratsional'noe ispol'zovanie elektroenergii v elektricheskikh pechakh; sbornik statei. [By] L. I. Aronov i dr. Moskva, Gosenergoizdat, 1962. 270 p. (Za ekonomiiu elektricheskoi i teplovoi energii)

Electrohydraulic voltage regulators on arc furnaces for the manufacture of ferroalloys. A. I. Sapko and others. Met. i gornorud. prom. no. 4:19-25 Jl-Ag '62.

Equalizing of the phase currents of ore smelting furnaces. IA. B. Dantsis, G. M. Zhilov. Prom. energ. 17 no. 10:29-32 O '62.

New use of oxygen in arc furnaces [from foreign journals]. Z. Klochkova. Metallurg 7 no. 9:30 S '62.

Service of unburned magnesite-chromite adapter bricks in electric furnace walls. M. N. Kabicheva and others. Metallurg 7 no. 8:15-16 Ag '62.

Structure of the furnace bath during the making of silicon-chromium alloys. I. T. Zhorniev and others. Izv. vys. ucheb. zav., chern. met. 5 no. 8:53-56 '62.

ELECTRIC FURNACES—MAINTENANCE AND REPAIR

Shape and dimensions of the steel smelting arc furnace bath, its lining and the maintenance of this lining. V. A. Kumardin. Metallurg 7 no. 8:11-14 Ag '62.

ELECTRIC GENERATORS

Asynchronous single-phase condenser generator. P. A. Sviridenko. Nauch. trudy MTILP no. 23:269-277 '61.

ELECTRIC GENERATORS (Continued)

Effect of excitation regulation on the self-excitation of synchronous machines operation with a capacitive load R M Kantor Elektrichestvo no 9 11-20 S '62

Rosman, L. V. [Group control of the excitation of synchronous generators of hydroelectric power stations] Gruppovoe upravlenie vozbuzhdeniem sinkhronnykh generatorov gidroelektrostantsii. Moskva, Gosenergoizdat, 1962. 167 p.

ELECTRIC GENERATORS—DESIGN AND CONSTRUCTION

Device for determining the number of collector plates in electric machine collectors. D G. Mogil'nyi, I IA. Fel'dshtein, V.S. Dpifanov. Biul. tekh.-ekon. inform. Ges. nauch.-issl. inst. nauch i tekh. inform. no. 9: 16-47 '62.

ELECTRIC HEATING

Electric heaters for oil dispensers. F Chernigovskii, I. Sterlik. Avt. transp. 40 no 9 25-26 S '62.

Use of electric heating in residential buildings I D Bukshpun, N N Kolomiets. Vod i san tekh. no. 8 3-7 Ag '62

ELECTRIC INDUSTRY WORKERS—CONGRESSES

Conference of workers of the electric equipment factories under the Ministry of Railroads Avtom. telem. i sviaz' 6 no. 9:45 S '62.

ELECTRIC INSULATORS AND INSULATION

Neklal, S. M., V. M. Novak, and V. I. Khabarov. [Pressing machines used in the manufacture of electrical insulating materials] Pressy dlia proizvodstva elektroizoliatsionnykh materialov. Moskva, Gosenergoizdat, 1962. 94 p.

Paradoxes in insulation V. Ioffe. Znan.-sila 37 no. 6: 46 Je '62.

Study of the electrical strength of air gaps and suspension insulators in the presence of internal overvoltages G. N. Alekseandrov, V I Ivanov Elektrichestvo no 8 33-38 S '62,

Use of anorthosite in the production of porcelain for use in high-voltage installations. G. N. Maslennikova. Stek. i ker. 19 no. 8,24-27 Ag '62.

ELECTRIC LAMPS, FLUORESCENT see Fluorescent lamps

ELECTRIC LIGHT FIXTURES

Series of light fixtures with polyethylene reflectors Svetotekhnika 8 no. 10 32 O '62.

ELECTRIC LIGHTING

Some special features of high-speed ignition starting-regulating equipment. A. G Alikhanidi Svetotekhnika 8 no. 10,20-25 O '62.

Through the pages of foreign periodicals. Svetotekhnika 8 no 10,31 O '62.

Voltage drop due to the third harmonic in the common wires of networks feeding gas-discharge lamps D. G. TSetlin. Svetotekhnika 8 no. 10:30-31 O '62.

ELECTRIC LIGHTING—STANDARDS

Proposed norms and regulations for the lighting of streets, roads, trains, and platforms. IA. B. Zil'berblat, M. A. Ostrovskii. Svetotekhnika 8 no. 10:9-14 O '62.

ELECTRIC LIGHTING, FLUORESCENT see Fluorescent lighting

ELECTRIC LINES—MEASUREMENT

A method for accurate measurement of the resistance of wires with a complex cross section. L. P. Neiman, I. A. Zaitsev, I. F. Kuznetsov. Elektrichestvo no. 9, 1-6 S '62

ELECTRIC LINES—UNDERGROUND

IPK device for locating damages on cables. Shakht. stroi. 6 no. 10 3 of cover O '62.

IV'Ts-2 blasting circuit tester. Shakht. stroi 6 no. 10 3 of cover O '62.

Mazel', S. I. and L. I. Ustinov. [Mechanization of the construction and repair operations of electric communication lines] Mekhanizatsiia stroitel'stva i remonta kabel'nykh linii sviazi. Moskva, Sviaz'izdat, 1962. 107 p.

ELECTRIC LOCOMOTIVES

The D-1000 industrial electric a.c. locomotive. V. N. Bezruchenko. Biul. tekh.-ekon. inform. Ges. nauch.-issl. inst. nauch. i tekh. inform. no. 9,66-71 '62.

Stukalkin, A. N., and A. I. Smirnov. [Pantographs for electric locomotives] Pantografy elektricheskikh lokomotivov. Moskva, Transzheldorizdat, 1962. 77 p. (Bibliotechka mashinista elektrovoza)

Use of aluminum in the manufacture of electric locomotives N. P. Nikolaichik. Vest. elektroprom. 33 no 10 38-40 O '62

ELECTRIC MACHINERY

Accounting for and compensation of the effects of eddy currents in the field flux controlling systems of electrical machines. O V Slezhanovskii. Elektrichestvo no. 9:23-27 S '62.

Adamenko, A. I. [Asymmetrical nsynchronous machines] Nesimmetrichnye asinkhronnye mashiny. Kiev, Izd-vo Akad. nauk Ukr. SSR, 1962. 211 p.

Determination of the operational frequency band in registering the M - f (s) of electrical machines. V. V. Vecheslavov. Vest. elektroprom. 33 no. 10:65-68 O '62.

Exact determination of the distribution of a magnetic field in electric machines with a small airgap [with summary in English]. R Parts Izv AN Est SSR, Ser. fiz.-mat. i tekh. nauk 11 no. 3:198-202 '62.

Some comparisons of the characteristics and properties of asynchronous machines having massive and normal rotors. V. M. Kutsevalov Elektrichestvo no. 9,27-33 S '62.

ELECTRIC MACHINERY—ALTERNATING CURRENT

Ionic converters of decreased frequency. I. IA. Bernshtein, K. V. Polivanovskaia. Vest. elektroprom. 33 no. 10:11-15 O '62.

Types of asynchronous and synchronous a.c. machinery with power ratings in excess of 1,000 kw. reduced to 1,000 rev./min. (14 - 20 - dimensions) for 1961, 1965. Vest. elektroprom. 33 no. 10:75-77 O '62.

ELECTRIC MACHINERY—COOLING

Cooling of enclosed d.c. machines. O. P. Sidorov. Elektrichestvo no. 9:60-62 S '62

ELECTRIC MACHINERY—DIRECT CURRENT

Calculation of the heating of the armature of enclosed low-voltage d.c. machines. I. I. Kurkalov. Vest elektroprom. 33 no. 10:35-38 O '62.

Cooling of enclosed d.c. machines. O. P. Sidorov. Elektrichestvo no. 9:60-62 S '62

ELECTRIC MACHINERY—REGULATION

Regulated fan drive of the main ventilation. I. P. Fil', Ugol' Ukr. 6 no. 9:21-24 S '62.

ELECTRIC MACHINERY—STANDARDS

Types of asynchronous and synchronous a.c. machinery with power ratings in excess of 1,000 kw reduced to 1,000 rev./min. (14 - 20 - dimensions) for 1961, 1965. Vest. elektroprom. 33 no. 10:75-77 O '62.

ELECTRIC MACHINERY INDUSTRY—FINANCE see subdivision under Moscow

ELECTRIC MEASUREMENTS

Determination of the operational frequency band in registering the M - f (s) of electrical machines. V. V. Vecheslavov. Vest. elektroprom. 33 no. 10:65-68 O '62.

A differential current transformer for measurements in fluorescent lamp high-speed ignition networks. A. L. Vasserman, N. A. Roshchina. Svetotekhnika 8 no. 10 25-27 O '62.

IPK device for locating damages on cables. Shakht. stroi. 6 no. 10:3 of cover O '62.

Luk'ianov, T. P. [Adjustment of electrical systems] Naladka elektrooborudovaniia. Moskva, Profizdat, 1962. 618 p.

Slip-ring device. V. M. Postunov. Mashinostroitel' no. 9:10 S '62.

Stabilization of the feed voltage of unbalanced bridge circuits with semiconductor thermistors for temperature measurements. E. A. Kaliazin. Trudy TSNIIMF no. 38:114-127 '61.

Use of e.m.f. Hall transducers for registering power. V. V. Titov. Vest. elektroprom. 33 no. 10:68-70 O '62.

ELECTRIC METERS

Avometers for checking transistors. Radio no. 9:46 S '62.

Conversion of the Ts-20 volt-ammeter. R. Rutkovskii. Radio no. 9:47 S '62.

The TT-1 and Ts-20 volt-ammeters. A. Makedonskii. Radio no. 9:46-47 S '62.

ELECTRIC MOTORS

Calculation of the process of slowing down an asynchronous electric motor fed from a synchronous generator of commensurate power M. M Rasulov Izv AN Azerb. SSR. Ser. fiz.-mat. i tekh. nauk no. 3:90-100 '62.

Dynamics of step-type electric motors. V. K. TSatsenkin, B. A. Ivobotenko. Elektrichestvo no 9:67-72 S '62.

Experimental investigation of the effect of elastic vibrations in metallurgical equipment transmissions on electric motor currents. F. K. Ivanchenko. Izv vys. ucheb. zav., chern. met. 5 no. 8 189-192 '62

New series MT-MTK 000-700 crane and metallurgical motors (to be continued). Prom. energ. 17 no 10,52 O '62.

Study of electromechanical processes in a pulse-type drive with a step-by-step motor [with summary in English]. V. M. Kolesnikov. Avtom. i telem. 23 no. 7, 966-970 Jl '62.

ELECTRIC MOTORS—STARTING DEVICES

Interphase and phase connecting of the magnetic starter coils. E. D. Zelikzon. Prom. energ. 17 no. 10 19-20 O '62.

Karyovskii, G. A., and S. P. Okorokov. [Handbook on asynchronous motors and start-regulating equipment] Spravochnik po asinkhronnym dvigateliam i puskoregulirushchei apparature. Moskva, Gosenergoizdat, 1962. 207 p.

ELECTRIC MOTORS—TESTING

Plotting mechanical characteristics of an electric motor according to the results of the high-speed motion-picture photography of its starting. L. A. Averina, K. N. Borisov, N. M Rodina. Trudy MAI no. 145,46-49 '62.

ELECTRIC MOTORS, DIRECT CURRENT

Commutation of pulsating current motors and volt-ampere characteristics of the brushes. P. A. Zolotarev. Vest. elektroprom. 33 no. 10 40-42 O '62.

ELECTRIC MOTORS, DIRECT CURRENT—TESTING

Plotting characteristics of a d.c. motor with choke regulation of the speed of rotation. K. N. Borisov, Chang Kuang-jên. Trudy MAI no. 145,41-45 '62.

ELECTRIC MOTORS, INDUCTION

Adamenko, A. I. [Asymmetrical asynchronous machines] Nesimmetrichnye asinkhronnye mashiny. Kiev, Izd-vo Akad. nauk Ukr. SSR, 1962. 211 p.

Determining parameters of a substitution circuit of an asynchronous two-phase motor with a hollow rotor. B. I. Petrov. Trudy MAI no. 146:31-35 '62.

Explosionproof asynchronous motors with power ratings from 0.27 to 100 kw. O. D. Gol'dberg. Vest. elektroprom 33 no. 10:79-80 O '62.

Operation of two asynchronous motors in a static phase splitting network. A. E. Keresselidze, D R Dzhashi Elektrichestvo no. 9:63-67 S '62.

Study of turboclutches for a two-speed asynchronous electric drive. Kh. T. Alimkhodzhaev. Nauch. soob. IGD 12:224-231 '61.

ELECTRIC MOTORS, INDUCTION—COOLING

Determination of the heat emission of the frameworks of enclosed asynchronous motors. G. I. Portsev, D. B. Kovalev, R. B. Gorbovtsov. Vest. elektroprom. 33 no. 10:32-35 O '62.

ELECTRIC MOTORS, INDUCTION—DRYING

Saturation and drying of the windings of asynchronous motors. I. I. Fedotov and others. Vest. elektroprom. 33 no. 10:71 O '62.

ELECTRIC MOTORS, INDUCTION—HANDBOOKS, MANUALS, ETC.

Karyovskii, G. A., and S. P. Okorokov. [Handbook on asynchronous motors and start-regulating equipment] Spravochnik po asinkhronnym dvigateliam i puskoregulirushchei apparature. Moskva, Gosenergoizdat, 1962. 207 p.

ELECTRIC MOTORS, INDUCTION—MAINTENANCE AND REPAIR

Babenko, D. A., S. I. Teplenko, and L. D. Chibirkev. [Manual for electricians and armature winders working on three-phase asynchronous electric motors] V pomoshch' elektriku-obmotchiku trekhfaznykh asinkhronnykh elektrodvigatelei. Moskva, Gosenergoizdat, 1962. 174 p.

ELECTRIC MOTORS, SYNCHRONOUS

Technical and economical prerequisites of the use of synchronous motors for the electric drive of some agricultural machines. B. S. Inozemtsev. Visnyk sil'hosp. nauky 6 no. 8:19-26 Ag '62.

ELECTRIC NETWORK ANALYZERS

Azar'ev, D. I. [Mathematical simulation of electrical systems] Matematicheskoe modelirovanie elektricheskikh sistem. Moskva, Gosenergoizdat 1962. 206 p. [MICROFILM]

Gorushkin, V. I. [Use of electronic computers in power engineering calculations] Vypolnenie energeticheskikh raschetov s pomoshch'iu vychislitel'nykh mashin. Pod red. V. A. Venikova. Moskva, Vysshaia shkola, 1962. 174 p.

ELECTRIC NETWORKS

Azar'ev, D. I. [Mathematical simulation of electrical systems] Matematicheskoe modelirovanie elektricheskikh sistem. Moskva, Gosenergoizdat 1962. 200 p. [MICROFILM]

Calculating a parallel resonant electric network with two nonlinearities [with summary in English]. L. F. Borodin. Izv. TSKHA no. 3 125-134 '62.

Concerning some special operating features of diode limiters of instantaneous voltage values. M. E. Mazunov. Radiotekhnika 17 no. 9, 68-71 S '62.

Concerning V. L. Rychki's article "Passage of FM oscillations through an aperiodic amplifier." A. Z. Khalkov. Elektrosviaz' 16 no. 8:72 Ag '62.

Diagram for connecting a short network of an electric furnace system to a delta at the electrodes. IA. B. Dantsig, G. M. Zhilov. Elektrichestvo no. 9 20-23 S '62.

Duplicating electric blasting networks. A. E. Azarkovich. Vzryv. delo no. 49/5 59-66 '62.

Evaluation of the parametric potentials of a diodeless shift register using two-opening transfluxors. S. P. Mitronov. Elektrosviaz' 16 no. 10:40-44 O '62.

Installation of an electric blasting network in shattering oversized rocks. L. P. Gorbacheva. Vzryv. delo no. 49/5:98-101 '62.

Network diagrams for blasting with current sources having limited power output. R. IA. Strausman. Vzryv. delo no. 16/5 51-59 '62.

Network for the series connection of resistances in the presence of voltage resonance. N. A. Gol'tsov. Nauch. trudy MTILP no. 23 287-290 '61.

Operation of two asynchronous motors in a static phase splitting network. A. E. Kereselidze, D. R. Dzhaoshi. Elektrichestvo no. 9 63-67 S '62.

Use of digital computers in the calculation of transient processes in electrical systems. V. A. Venikov, V. V. Ezhkov, S. V. Strakhov. Elektrichestvo no. 8 7-11 S '62.

Use of equivalent transformations in the calculation of electrical networks. E. V. Zelikh. Radiotekhnika 17 no. 9:3-6 S '62.

Voltage drop due to the third harmonic in the common wires of networks feeding gas-discharge lamps. D. G. TSeitlin. Svetotekhnika 8 no. 10 30-31 O '62.

Zeroes of the sum of two immittances in the right-hand halfplane. B. IA. Lur'e. Elektrosviaz' 16 no. 9:66-69 S '62.

ELECTRIC POWER

[Efficient use of electric power in electric furnaces] Ratsional'noe ispol'zovanie elektroenergii v elektricheskikh pechakh; sbornik statei. [By] L. I. Aronov i dr. Moskva, Gosenergoizdat, 1962. 279 p. (Za ekonomiiu elektricheskoi i teplovoi energii)

ELECTRIC POWER—ABSTRACTS

[Electrical engineering and electric power] Ref. zhur.: Elektrotekh. i energ. nos. 18-19 S-O '62.

ELECTRIC POWER—RESEARCH

Vladimirov, L. V. [Roads to the invisible treasure] Dorogi k nezrimomu kladu. [Moskva] Molodaia gvardiia, 1962. 126 p.

ELECTRIC POWER DISTRIBUTION
(see also subdivision under Europe, Eastern)

Akademiia nauk Kirgizskoi SSR, Frunze, Institut energetiki vodnogo khoziaistva. [Problems of electrical engineering in high mountains; problems of electric power transmission in mountainous areas in the U. S. S. R.] Problemy vysokogornoi elektrotekhniki; voprosy elektroperedachi v gornykh raionakh SSSR. Frunze, Izd-vo Akad. nauk Kirgizskoi SSR, 1961. 309 p.

Consultation. F. I. Gorin. Prom. energ. 17 no. 10:50-51 O '62.

Effect of excitation regulation on the self-excitation of synchronous machines operating with a capacitive load. R. M. Kantor. Elektrichestvo no. 9:14-20 S '62.

Electric power economics at the Aktiubinsk Plant. A. I. Barskii. Prom. energ. 17 no. 10:11-12 O '62.

In response to I. B. Aksenton's article "Technical and economic indices of the plans for electric power supply of industrial enterprises." A. A. Ermilov. Prom. energ. 17 no. 10:35-36 O '62.

Kuchma, K. G., and A. A. Prokhorskii. [Electric power plants and substations] Elektricheskie stantsii i podstantsii. Moskva, Transzheldorizdat, 1962. 531 p.

ELECTRIC POWER DISTRIBUTION—COMMUNICATION SYSTEMS

Andreev, I. V., and G. S. Karasin. [Over-all automation of telephone communications in electric power distribution systems] Kompleksnaia avtomatizatsiia telefonnoi sviazi energosistem. Moskva, Gosenergoizdat, 1962. 87 p.

ELECTRIC POWER DISTRIBUTION—EQUIPMENT AND SUPPLIES

"Apparatus of low-voltage power distribution systems" by R. S. Kuznetsov. Reviewed by M. G. Koblents. Vest. elektroprom. 33 no. 10:78-79 O '62.

ELECTRIC POWER DISTRIBUTION—HIGH TENSION

Some problems concerning the protection of high-voltage power transmission lines with 75 c. p. s. frequency. B. M. Veigel't. Avtom., telem. i sviaz' 6 no. 9:15-17 S '62.

ELECTRIC POWER DISTRIBUTION—SAFETY MEASURES

Lobanov, V. N. [Safety measures in work on rural electric power systems] Tekhnika bezopasnosti pri rabote na sel'skikh elektroustanovkakh. Moskva, Profizdat, 1962. 67 p.

ELECTRIC POWER DISTRIBUTION—SAFETY REGULATIONS

Russia (1923- U. S. S. R.) Glavnoe energeticheskoe upravlenie. [Regulations governing the use and testing of the protection devices of electric power systems] Pravila pol'zovaniia i ispytaniia zashchitnykh sredstv, primeniaemykh v elektroustanovkakh. Izd. 2., perer. Moskva, Gosenergoizdat, 1962. 54 p.

ELECTRIC POWER PLANTS
(see also subdivision under Lithuania; Madras (State), Siberia)

Akademiia nauk BSSR, Minsk. Institut energetyki. [Automation, control, and increase in the efficiency of electric power systems] Avtomatizatsiia, kontrol' i povyshenie ekonomichnosti energoustanovok. Minsk, Izd-vo Akad. nauk BSSR, 1962. 202 p.

"The electric power industry of the U. S. S. R. and its distribution" by N. M. Oznobin. Reviewed by M. Vilenskii. Vop. ekon. no. 8:113-116 S '62.

Fastening down precast reinforced concrete parts of thermal electric plants during transportation by rail. A. M. Litvak. Energ. stroi. no. 27 31-36 '62.

Kuchma, K. G., and A. A. Prokhorskii. [Electric power plants and substations] Elektricheskie stantsii i podstantsii. Moskva, Transzheldorizdat, 1962. 531 p.

Objectives of power-station construction for 1962. Energ. stroi. no. 27 3-5 '62.

Operational indices of industrial electric power plants. N. M. Vilenskii. Prom. energ. 17 no. 10 8-9 O '62.

ELECTRIC POWER PLANTS—BIBLIOGRAPHY see Bibliography—Electric power plants

ELECTRIC POWER PLANTS—CONGRESSES

Conference of electric power plant builders. N. Bondarev. Energ. stroi. no. 27, 92-98 '62.

ELECTRIC POWER PLANTS—DESIGN AND CONSTRUCTION

Gel'fenbein, IA. V. [Hoisting mechanisms and rigging devices for the construction of thermal electric power plants] Gruzopod"emnye mekhanizmy i takelazhnye prisposobleniia dlia stroitel'stva teplovykh elektrostantsii. Moskva, Gosenergoizdat, 1962. 270 p.

ELECTRIC POWER PLANTS—EQUIPMENT AND SUPPLIES
(see also subdivision under Bulgaria)

Design of a precast reinforced concrete foundation for a turbine set. V. S. Kuplevatskii. Energ. stroi. no. 27 20-26 '62.

Imbitskii, M. I. and A. P. Nikitin. [Handbook on piping and fittings for thermal electric power plants] Spravochnik po truboprovodam i armature dlia teplovykh elektricheskikh stantsii. Moskva, Gosenergoizdat, 1962. 287 p.

Kaplan, M. P. [Analysis of the layout of gas-turbine units for electric power plants] Analiz skhem gazoturbinnykh ustanovok dlia elektrostantsii. Kiev, Gostekhizdat USSR, 1962. 109 p.

ELECTRIC POWER PLANTS—WATER SUPPLY see subdivision under Lithuania

ELECTRIC POWER POOLING see Interconnected electric utility systems

ELECTRIC POWER PRODUCTION

Highly maneuverable turbine systems. V. A. Zysin. Trudy LPI no. 221:110-118 '63.

ELECTRIC PROSPECTING
(see also subdivision under Carpathian Mountain region; Dzhezkazgan District)

Interpretation of the gradient curve of spontaneous polarization in pitching anthracite seams. V. V. Popov. Geofiz. razved. no. 9:110-127 '62.

Some features in the use of electric prospecting to study karsts in the Crimean Mountains. IA. S. Sapuzhak, B. M. Smol'nikov. Geofiz. sbor. no. 3 35-40 '62.

Use of pulsating currents for detailed electric prospecting studies by the methods of induced polarization, establishment of a field, and resistivity. A. F. Kondratenko. Geofiz. razved. no. 9:66-74 '62.

Using the method of least squares to process telluregrams. E. I. Moskvichev, B. F. Kapit, V. A. Lipilin. Geofiz. razved. no. 9:74-80 '62.

ELECTRIC PROSPECTING—EQUIPMENT AND SUPPLIES

Kotiuk, A. F., and others. [Apparatus for aerial electric prospecting using the infinitely long cable method] Apparatura dlia aeroelektrorazvedki metodom beskonechno dlinnogo kabelia. Otvet. red. K. B. Karandeev. Novosibirsk, Izd-vo Sibirskogo ot-nila AN SSSR, 1962. 78 p.

Using multielectrode power supply devices in profiling where there is a vertical contact. IA. S. Sapuzhak. Geofiz. sbor. no. 3:41-48 '62.

ELECTRIC PROSPECTING—MAPS

Efficient section of isochrons for electric prospecting maps. B. M. Smol'nikov. Geofiz. sbor. no. 3:49-5 '62.

ELECTRIC PROTECTION

Reliability of a group-type grid protection system. S. D. Sokolov. Trudy TSNII MPS no. 232:46-66 '62.

Some problems concerning the protection of high-voltage power transmission lines with 75 c. p. s. frequency. B. M. Veigel't. Avtom., telem. i sviaz' 6 no. 9:15-17 '62.

ELECTRIC RAILROADS see subdivision under Baku

ELECTRIC RAILROADS—COMMUNICATION SYSTEMS

Dependence of the protective action of bleeder transformers on their proximity. I. V. Pavlov. Elektrosviaz' no. 8:59-65 Ag '62.

Results of using two-section filters in traction substations. M. D. Treivas. Trudy TSNII MPS no. 232:69-77 '62.

ELECTRIC RAILROADS—CONSTRUCTION

Features of organizing the construction of railroads on electric traction. A. O. Tillman. Transp. stroi. 12 no. 8:12-14 Ag '62.

ELECTRIC RAILROADS—CURRENT SUPPLY

Grid protection of mercury rectifier devices with non-connected valves. S. D. Sokolov. Trudy TSNII MPS no. 232:36-45 '62.

Kuchma, K. G., and A. A. Prokhorskii. [Electric power plants and substations] Elektricheskie stantsii i podstantsii. Moskva, Transzheldorizdat, 1962. 531 p.

Problem concerning the determination of the power of traction substations. R. I. Mikoshanchenko. Trudy TSNII MPS no. 232:97-110 '62.

Reliability of a group-type grid protection system. S. D. Sokolov. Trudy TSNII MPS no. 232:46-66 '62.

Results of using two-section filters in traction substations. M. D. Treivas. Trudy TSNII MPS no. 232:69-77 '62.

Signaling and telemetering of voltage and current limits at traction substations. A. V. Plyvatov. Trudy TSNII MPS no. 232:21-35 '62.

Technical and economic comparison of methods for regulating voltages. I. G. Mochenov. Trudy TSNII MPS no. 232:78-96 '62.

ELECTRIC RAILROADS—ELECTRONIC EQUIPMENT

Problems concerning the operational reliability of the BST-59 remote control system. N. D. Sukhopruднik. Trudy TSNII MPS no. 233:5-15 '62.

ELECTRIC RAILROADS—EQUIPMENT AND SUPPLY

The ER-10 electric train. I. P. Il'in. Bibl. tekh.-ekon. inform. Gos. nauch.-issl. inst. nauch. i tekh. inform. no. 8:65-67 '62.

ELECTRIC RAILROADS—MAINTENANCE AND REPAIR

Vetrov, N. I. [Operation and repair of overhead d. c. contact systems] Ekspluatatsiia i remont kontaktnoi seti postoiannogo toka. Moskva, Transzheldorizdat, 1962. 166 p.

ELECTRIC RAILROADS—ROLLING STOCK

Efficiency of servicing combination trains with diesel and electric locomotives. V. M. Timoshkov. Vest. TSNII MPS 21 no. 6:24-28 '62.

ELECTRIC RAILROADS—SUBSTATIONS

Gruber, L. O., L. M. Pertsovskii, and V. I. Trofimov. [Layout, installation, and use of traction substations] Ustroistvo, montazh i ekspluatatsiia tiagovykh podstantsii. Izd. 3., perer. i dop. Moskva, Transzheldorizdat, 1962. 510 p.

ELECTRIC RAILROADS—WIRES AND WIRING

Analysis of some special features of the wear of the contact wire and pantograph plates. IU. A. Rodzevskaia. Trudy TSNII MPS no. 233:29-30 '62.

Calculation of currents in complex track circuits of electrified rolling stock. A. S. Skurutov. Elektrichestvo no. 9:39-45 S '62.

Dependence of the protective action of bleeder transformers on their proximity. I. V. Pavlov. Elektrosviaz' no. 8:59-65 Ag '62.

Increase in the wear resistance of the contact wire. Bushe and others. Trudy TSNII MPS no. 233:5-28.

Study of some physical and technical characteristics and operational features of carbon inserts. IU. E. Kuptsov. Trudy TSNII MPS no. 233:67-85 '62.

Study of the performance of the current collectors of electric rolling stock operating at high speeds. I. A. Beliaev. Trudy TSNII MPS no. 233:86-123 '62.

Study of the wear of a dual contact wire. IU. E. Kuptsov. Trudy TSNII MPS no. 233:40-48 '62.

Use of a dry graphite lubricant and methods for the improvement of its effectiveness. IU. E. Kuptsov. Trudy TSNII MPS no. 233:40-65 '62.

ELECTRIC RAILWAY MOTORS

Modification of the rated heat parameters of traction engines. G. V. Farminskii. Vest. TSNII MPS 21 no. 7-8 '62.

ELECTRIC RELAYS

Highly sensitive contactless RBI-1 relay. G. A. Mushchanov. Ugol' Ukr., 6 no. 9 35 S '62.

Mercury electric current relays with electromagnetic pumps. A. D. Balinberg. Vest. elektroprom., 33 no. 10 72-74 O '62.

A photoelectric relay using a transistor diode. V. Dolgorukov. Radio no. 9 24 S '62.

ELECTRIC RELAYS—TESTING

Industrial testing of commercially produced KZDSh-50 pyrotechnical relays. S. A. Davydov, L. S. Komarova. V. tyv delo no. 10/5 111-112 '62.

ELECTRIC RESISTANCE

Nature of changes in the residual electric resistance of Cu - Al solid solutions. V. P. Fadin. Izv. vys. uch. zav., fiz. no. 4 75-76 '62.

Temperature dependence of the electric resistance of iron in the range 0.46° - 1.2°K [with summary in English]. E. E. Semenenko, A. I. Sudovtsov, A. D. Shvets, Zhur. eksp. i teor. fiz. 42 no. 6;1488-1489 Je '62.

ELECTRIC RESISTANCE—MEASUREMENT

A method for accurate measurement of the resistance of wires with a complex cross section. L. P. Noiman, I. A. Zaitsev, I. F. Kuznetsov. Elektrichestvo no. 9; 1-6 S '62.

ELECTRIC RESONATORS

Methods of generalized linearization in the theory of nonlinear oscillations in parametric resonators. R. M. Kantor. Izv. vys. uch. zav., radiotekh. 5 no. 3;356-367 My-Je '62.

ELECTRIC SPARK

In connection with S. I. Andreev and M. P. Vanukov's remarks on the article "Widening of the channel of powerful miniature sparks." N. A. Demidov, Yu. F. Skachkov, S. D. Fanchenko. Zhur. eksp. i teor. fiz. 42 no. 5;1127-1129 My '62.

ELECTRIC STANDARDS

Concerning the unit of inductance and mutual inductance in the centimeter-gram-second system. I. A. Sena. Elektrichestvo no. 9,94 S '62.

ELECTRIC SUBSTATIONS

Operation of mobile 35/6 kv electric substations under oil field conditions. V. V. Moshkovskii. Prom. energ. 17 no. 10;20-23 O '62.

Precast reinforced concrete elements of open distributing installations of substations. N. A. Parshikov. Energ. stroi. no. 27-28-05 '62.

Remote control of substations. Metallurg 7 no. 10;14 O '62.

ELECTRIC SWITCHGEAR

Automatic quick-break switch of direct current for 3,000 ampere and 1,000 volt. V. T. Omel'chenko, Yu. M. Dolinskii, E. V. Orlinovich. Biul. tekh.-ekon. inform. Gos. nauch.-issl. inst. nauch. i tekh. inform. no. 9 47-48 '62.

Automatic switching of a.c. and d.c. lines. A. M. Haiton. Mekh. i avtom. proizv. 16 no. 9;42-44 S '62.

A method for longitudinal-transverse gas-blast in oil-break switches. V. V. Ionov. Vest. elektroprom. 33 no. 10 51-54 O '62.

Two-stage disconnecting of short circuit currents by means of rapid action switches. A. V. Barafonov. Vest. TSNIIMPS 21 no. 6;10-14 '62.

ELECTRIC TRANSFORMERS

Calculation of the stray inductance of electric transformers. M. A. Manukhovskaia. Vest. elektroprom. 33 no. 10;29-31 O '62.

A differential current transformer for measurements in fluorescent lamp high-speed ignition networks. A. L. Vasserman, N. A. Roshchina. Svetotekhnika 8 no. 10, 26-27 O '62.

Effect of soaps on the dielectric losses in petroleum transformer oil. R. A. Lipshtein, E. N. Shtern. Vest. elektroprom. 33 no. 10 58-61 O '62.

Improved circuits of autotransformers. A. Karev. Radio no. 9;40 S '62.

Investigating the dielectric oil losses in power transformers. G. Galuatin, E. Berchian. Prom. Arm. 5 no. 9;53-57 S '62.

ELECTRIC TRANSFORMERS—TESTING

Methodology for impulse measurements in electric transformers. L. V. Zamiatina, S. A. Sokolovskii. Vest. elektroprom. 33 no. 10;23-27 O '62.

ELECTRIC UNITS

Concerning the unit of inductance and mutual inductance in the centimeter-gram-second system. L. A. Sena. Elektrichestvo no. 9;91 S '62.

ELECTRIC WELDING

Building up valve pushers of automobile engines with alloyed cast iron. E. N. Gulida, E. S. Berodin. Mashinostroenie no. 4;86-88 Jl-Ag '62.

Effect of temperature on changes in the composition of gases used in gas-arc welding. V. I. Dimtiov. Avtom. svar. 15 no. 9;80 S '62.

Electric welding of parts made of aluminum alloys. F. Avilov. Avt. transp. 40 no. 9;30-32 S '62.

Gas-electric welding. Stroi. i arkhit. Len. 24 no. 2 38 F '62.

Increasing engineering efficiency of units by welding. I. P. Lepeiko, L. U. Oleinik. Mashinostroenie no. 4, 62-64 Jl-Ag '62.

Investigation of conditions of molten-slag electric welding with a plate electrode and their effect on the size of seams in welding high-alloyed steels and alloys. A. N. Safonnikov. Mashinostroenie no. 4 57-60 Jl-Ag '62.

Kaendzyk, G. V. [Mechanized build-up welding under flux of a layer of chilled cast iron by a cast-iron ribbon electrode] Mekhanizirovannaia elektrodugovaia naplavka pod flusom sloia otbelennogo chuguna chugunnoi elektrodnoi lentoi. Leningrad, 1962. 25 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Serilia Svarka i paika metallov, no. 8)

Magnetic control of the arc in welding under flux. S. L. Mandelberg. Avtom. svar. 15 no. 9;3-12 S '62.

Mechanization of welding operations in construction. B. Shinkarev. Prom. stroi. i inzh. soor. 4 no. 4-22-26 Jl-Ag '62.

Reconditioning the cast-iron bed of a crank-pipe press by welding. A. S. Malkin. Mashinostroenie no. 4, 61-62 Jl-Ag '62.

Rostoshinskii, M. S. [Semiautomatic welding in an atmosphere of carbon dioxide in the repair of automobiles] Poluavtomaticheskaia svarka v uglekislom gaze pri remonte avtomobilei. Moskva, Avtotransizdat, 1962. 32 p.

Spot welding of insertion pieces of reinforced concrete elements without cleaning the welded surfaces. V. Troshkin, M. Gomylko. Bud. mat. i konstr. 4 no. 2;53-54 Mr-Ap '63.

Using GSR-9000 generators for submerged arc welding. N. G. Dmitriev and others. Mashinostroitel' no. 9 33 S '62.

ELECTRIC WELDING—EQUIPMENT AND SUPPLIES

The ADGTS-500 automatic machine for shielded-arc welding. M. V. Ivanov. Biul. tekh.-ekon. inform. Gos. nauch.-issl. inst. nauch. i tekh. inform. no. 9;29-31 '62.

Automatic square-butt welding of metal having a thickness of 40mm using a flux padding and a DTS-24 welding tractor. D. P. Lebed' and others. Avtom. svar. 15 no. 9;70-81 S '62.

Design of transformers for resistance welding. I. V. Pentegov. Avtom. svar. 15 no. 9;13-17 S '62.

For further mechanization of welding operations. Avtom. svar. 15 no. 9;1-2 S '62.

The MTPU-300 universal resistance spot-welding machine. A. I. Komarichev, A. M. Mitkin. Biul. tekh.-ekon. inform. Gos. nauch.-issl. inst. nauch. i tekh. inform. no. 9 31-32 '62.

Modulator for an electron welding gun. V. S. Gavrish, A. B. Koval'. Avtom. svar. 15 no. 9 87-88 S '62.

Removable backing rings for one-side automatically welded vessels. V. L. Remirov, M. M. Ravin. Avtom. svar. 15 no. 9;77-78 S '62.

Some characteristics of the glowing of the arc and metal transfer in welding with a consumable electrode in a water vapor medium. M. Z. Sheinkin, K. K. Khrenov. Avtom. svar. 15 no. 9;40-46 S '62.

ELECTRIC WELDING—TECHNOLOGICAL INNOVATIONS
see subdivision under Kaluga Province

ELECTRIC WIRING—EQUIPMENT AND SUPPLIES

Delotskovets, V. V. [Use of SMP-1 gun in electrical wiring operations] Primenenie stroitel'no-montazhnogo pistoleta SMP-1 v elektromontazhnom proizvodstve. Moskva, Gosenergoizdat, 1962. 68 p. (Biblioteka elektromontera, no. 74)

ELECTRICIANS—HANDBOOKS, MANUALS, ETC.

Babenko, D. A., S. I. Teplenko, and L. D. Chibishov. [Manual for electricians and armature winders working on three-phase asynchronous electric motors] V pomoshch' elektriku-obmotchiku trekhfaznykh asinkhronnykh elektrodvigatelei. Moskva, Gosenergoizdat, 1962. 174 p.

ELECTRICITY

Putilov, K. A. [Physics course] Kurs fiziki. Izd. 5. Moskva, Fizmatgiz.
Vol. 2. [Theory of electricity] Uchenie ob elektrichestve. 1962. 583 p.

ELECTRICITY, INJURIES FROM
(see also subdivision under Sweden; United States)

Bilateral fracture of the neck of the humerus in combination with luxation of the shoulder joints in electrical trauma. O. A. Naryscheva, L. I. Kraitser. Orthop., travm. i protez. 23 no. 6;65-67 Je '62.

ELECTRICITY IN MINING
(see also subdivision under Sibay region)

Automatic low-voltage installations for mine drainage systems. K. F. Nikolenko, S. M. Shumakov. Ugol' 37 no. 8;45 Ag '62.

Determination of the calculated load maximum and selection of the power of section transformer substations in coal mines. A. M. Panchenko. Izv. vys. uch. zav., gor. zhur. 5 no. 6;121-128 '62.

Gimelshtein, L. IA. [Electrician's manual on the maintenance of automated systems] Elektrooslesar' po obsluzhivaniiu avtomatizirovannykh ustanovok. Moskva, Gosgortekhizdat, 1962. 190 p.

Highly sensitive contactless RBI-1 relay. G. A. Mushchanov. Ugol' Ukr. 6 no. 9 35 S '62.

Intervals between the whitewashing of underground mines. I. S. Samoilovich. Svetotekhnika 8 no. 10 28-30 O '62.

Review of the electric load ratings of flexible mine cables. V. G. Sobolev. Izv. vys. uch. zav., gor. zhur. 5 no. 6; 129-135 '62.

ELECTRICITY ON SHIPS

"Electric drives on ships" by G. M. Nikitin. Reviewed by A. Dubovoi, V. Suslin, G. Khokhlov. Rech. transp. 21 no. 9, 55-56 S '62.

ELECTRIFICATION
(see also subdivision under Irkutsk Province)

Plenum of the Scientific Council for "Power Engineering and Electrification" of the State Committee of the Council of Ministers of the U.S.S.R. for Research Coordination. Iu. L. Ryzhnev. Prom. energ. 17 no. 10 46-47 O '62.

ELECTROACOUSTICS

Magnetic reverberators and their uses. S. V. Shul'gin, V. M. Belikov. Trudy VNIIZ no. 9, 96-102 '61.

ELECTROCARDIOGRAPHY

Evaluation of the changes in the electrocardiogram in coronary insufficiency. V. V. Tiavokin. Kaz. med. zhur. no. 3 8-11 My-Je '62.

Introduction of continuous production lines for assembling electrocardiographs. B. E. Apatovskii. Med. prom. 16 no. 5,40-42 My '62.

Reactions of the cerebral cortex and heart in neurosurgical interventions on different segments of the brain stem in man, electrophysiological study. V. E. Maiorchik, L. A. Koreisha, G. A. Gabibov. Vop. neirokhir. no. 1;32-37 '62.

Use of Likert's test in coronary insufficiency. N. N. Kipshidze and others. Terap. arkh. no. 6;97-102 '62.

ELECTROCHEMISTRY

Alternating current in a binary electrolyte. V. G. Levich, B. M. Grafov. Dokl. AN SSSR 146 no. 2 398-401 S '62.

Stationary electrochemical process in the irradiated system Pt | sulfuric acid solution | Au. G. Z. Gochaliev, TS. I. Zalkind, V. I. Veselovskii. Dokl. AN SSSR 146 no. 1;131-134 S '62.

ELECTRODES

Design and construction of signal electrodes for accelerators. I. P. Karabekov, M. A. Martirosian. Atom. energ. 13 no. 1;337-341 O '62.

Manufacturing electrodes by extrusion. I. M. Stavitskii. Mashinostroenie no. 4 115 Jl-Ag '62.

Metals with increased resistance of the thermionic emission to the action of oxygen. B. Ch. Diubua, B. N. Popov. Radiotekh. i elektron. 7 no. 9 1556-1565 S '62.

Separating properties of the electric field of a system of parallel inclined pieces of wire. G. V. Zhuk. Izv. vys. uch. zav.; fiz. no. 4;158-162 '62.

Theory of the silver chloride electrode and the determination of complex chloride instability constants. V. I. Altynov, B. V. Pitsyn. Zhur. neorg. khim. 7 no. 9; 2103-2109 S '62.

ELECTRODES, GLASS

Electrode properties of sodium silicate glasses containing aluminum, gallium, and indium, oxides [with summary in English]. M. M. Shul'ts, A. A. Bulustin. Vest. LGU 17 no. 16;116-124 '62.

Study of the electrode properties of lithium alumino silicate glasses [with summary in English]. M. M. Shul'ts and others. Vest. LGU 17 no. 16;108-115 '62.

ELECTRODYNAMICS

"Special role" of electromagnetic potentials in quantum mechanics. E. L. Feinberg. Usp. fiz. nauk 78 no. 1; 52-64 S '62.

ELECTROENCEPHALOGRAPHY

Akademiia nauk SSSR, Otdelenie biologicheskikh nauk. [Electroencephalographic study of higher nervous activity] Elektroentsefalograficheskoe issledovanie vysshei nervnoi deiatel'nosti. Moskva, Izd-vo Akad. nauk SSSR, 1962. 403 p.

Differential diagnosis of astrocytomas and arachnoid endotheliomas of the cerebrum. D. G. Shefer, R. G. Obraztsova, A. A. Udintseva. Vop. neirokhir. no. 4; 41-43 '62.

Electrical activity of the brain in the late periods following treatment of tuberculous meningitis [with summary in French]. V. G. Puskina. Zhur. nevr. i psikh. 62 no. 7;1018-1023 '62.

Electroencephalographic reflection of cortical and subcortical interrelationships in brain tumors. V. S. Rusinov. Vop. neirokhir. no. 4 28-31 '62.

Frequent petit mal attacks in children and their prevention [with summary in French]. I. S. Tets. Zhur. nevr. i psikh. 62 no. 7;1077-1086 '62.

Reactions of the cerebral cortex and heart in neurosurgical interventions on different segments of the brain stem in man; electrophysiological study. V. E. Maiorchik, L. A. Koreisha, G. A. Gabibov. Vop. neirokhir. no. 4;32-37 '62.

ELECTROENCEPHALOGRAPHY (Continued)

Studies on changes in the bioelectrical activity of the cerebral cortex under the influence of prolonged transverse overload [with summary in English]. G. V. Ioshinov, A. N. Razumeev. Izv. AN SSSR. Ser. biol. 27 no. 1 621-626 Jl-Ag '62.

Use of electroencephalography in rheumatism in children. A. I. Shvartseva, G. O. Zubairova. Kaz. med. zhur. no. 4 39-41 My-Je '62.

ELECTROLYSIS

Detecting metals in alloys and minerals by the electrographic method. A. A. Grubetskii, M. F. Langner, V. S. Polesin. Khim. v shkole 17 no. 5 78-83 S-O '62.

General power characteristics of the electric arc and electrolysis. P. V. Sergeev. Vest. AN Kazakh. SSR 18 no. 6 30-39 Je '62.

Theory of direct current flow through a binary electrolyte solution. B. M. Grafov, A. A. Chernenko. Dokl. AN SSSR 146 no. 1 136-138 S '62.

ELECTROLYSIS—EQUIPMENT AND SUPPLIES

Kalinin, A. T., and T. Kh. Talts. [Use of germanium power rectifiers for the electric current feeding of electrolytic cells] Primenenie silovykh germanievykh vypriamitelei dlia elektropitaniia gal'vanicheskikh vann. Leningrad, 1962. 14 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia: Pribory i elementy avtomatiki, no. 1)

ELECTROLYTES

Automatic control of copper sulfate content of electrolytes. L. Kuchikian. Prom. Arm. 5 no. 9 26-28 S '62.

Extraction of electrolytes from nitric acid solutions by neutral organophosphorus solvents. Calculation of distribution curves. A. S. Solovkin. Izv. ... teor. prim., appl. no. 2 47-57 '62.

ELECTROLYTIC POLISHING see subdivision under United States

ELECTROMAGNETIC PROSPECTING

Means of recording the horizontal magnetic component of short-period variations of the earth's electromagnetic field. M. V. Kolmakov. Geofiz. razved. no. 9 51-56 '62.

Proof of the equivalency principle for magnetotelluric sounding curves. M. V. Kolmakov. Geofiz. razved. no. 9 54-66 '62.

ELECTROMAGNETIC THEORY

Bron, O. B. [The electromagnetic field as a form of energy] Elektromagnitnoe pole kak vid materii. Moskva, Gosenergoizdat, 1962. 259 p.

Effect of $\pi\pi$- interaction in the electromagnetic form-factors of a nucleon [with summary in English]. A. F. Grashin, V. N. Mel'nikov. Zhur. eksp. i teor. fiz. 42 no. 5. 1401-1409 My '62.

ELECTROMAGNETIC WAVES

Cherenkov radiation and transition radiation from electromagnetic waves [with summary in English]. G. A. Askar'ian. Zhur. eksp. i teor. fiz. 42 no. 5: 1360-1364 My '62.

Effect of the field gradient of an intensive electromagnetic ray on electrons and atoms [with summary in English]. G. A. Askar'ian. Zhur. eksp. i teor. fiz. 42 no. 6: 1567-1570 Je '62.

Electromagnetic surface waves over a multirow comb. A. S. Zav'ialov. Izv. vys. ucheb. zav., radiotekh. 5 no. 3. 320-323 My-Je '62.

Excitation of an impedance wedge by a threadlike magnetic source situated at the vertex. R. P. Stavrovskaia, M. S. Bobrovnikov. Izv. vys. uch. zav., fiz. no. 4: 130-139 '62.

Field in the near zone of the source with concentrated excitation of the impedance surface. M. S. Bobrovnikov, V. P. Smirnov. Izv. vys. ucheb. zav., radiotekh. 5 no. 3. 321-325 My-Je '62.

Higher partial waves in low-energy $\pi\pi$-scattering [with summary in English]. A. V. Efremov, D. V. Shirkov. Zhur. eksp. i teor. fiz. 42 no. 5: 1344-1353 My '62.

Interaction between laser radiation and oscillating surfaces. G. A. Askar'ian. Zhur. eksp. i teor. fiz. 42 no. 6: 1672-1673 Je '62.

Motion of a plane piston in a medium of finite conductivity taking the effect of an electromagnetic field into account. V. P. Karlikov, V. P. Korobeinikov. Prikl. mat. i mekh. 26 no. 5: 970-972 S-O '62.

ELECTROMAGNETISM

Alternating current. E. Ovcharenko. Radio no. 9: 29-32 S '62.

ELECTROMAGNETS

Magnetic control of the arc in welding under flux. S. L. Mandel'berg. Avtom. svar. 15 no. 9: 8-12 S '62.

ELECTROMECHANICAL ANALOGIES

Differentiation of minor displacements by means of induction pickups with direct current supply. Iu. N. Bobkov. Izv. vys. ucheb. zav.; prib. 5 no. 5: 16-24 '62.

Mezhvuzovskaia konferentsiia po primeneniiu fizicheskogo i matematicheskogo modelirovaniia v raznykh otraslakh tekhniki, 4th. [Reports of the Interuniversity Conference on the Use of Physical and Mathematical Simulation in Different Technological Fields] Doklady. Moskva, Mosk. energ. in-t.

Vol. 1. Tele'tsium, I. M., ed. [Mathematical simulation of fields] Matematicheskoe modelirovanie polei. 1962. 357 p.

Vol. 2. Likens, I. V., ed. [Use of mathematical simulation and digital computers in the solution of power engineering problems] Primenenie matematicheskogo modelirovaniia energeticheskikh zadach. 1962. 365 p.

Using the method of modeling on an electrical hydrodynamic apparatus to study the shattering of ore in blasting. I. M. Pasin, Van Tszun-tan [Wang Tsung-t'ung]. Vzryv. delo no. 50/7 41-48 '62.

ELECTROMETALLURGY

Chizhikov, D. M., and others. [Hydro- and electrometallurgy of sulfide alloys and mattes] Gidroelektrometallurgiia sul'fidnykh splavov i shteinov. Moskva, Izd-vo Akad. nauk SSSR, 1962. 201 p.

ELECTROMETALLURGY—CONGRESSES

All-Union conference on electric slag refining. L. M. Stupak. Avtom. svar. 15 no. 9: 92-93 S '62.

ELECTROMETALLURGY—EQUIPMENT AND SUPPLIES

Smelkinskii, M. IA. [Design of electrothermic plants] Proektirovanie elektrotermicheskikh ustanovok. Moskva, Gosenergoizdat, 1962. 152 p.

ELECTROMYOGRAPHY

Characteristics of a disorder in the conductivity of nervous impulses in the nerve-synapse-muscle system [with summary in French]. Z. Kh. Manovich. Zhur. nevr. i psikh. 62 no. 7: 988-992 '62.

ELECTRON BEAMS

Donskoi, A. V., and V. V. Bashenko. [Industrial application of electron-beam heating; transcript of a lecture] Primenenie elektronno-luchevogo nagreva v promyshlennosti, stenogramma lektsii. Leningrad, 1962. 32 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Seriia: Elektrotekhnicheskie metody obrabotki materialov)

Establishment of thermal equilibrium between a neutral gas and electrons. IA. P. Kotov, G. IA. Ummov. Izv. AN Uz. SSR. Ser. fiz.-mat. nauk 6 no. 4: 52-56 '62.

Modulator for an electron welding gun. V. S. Gavrish, A. B. Koval'. Avtom. svar. 15 no. 9: 87-89 S '62.

Stability of plane electron beams in bounded systems with a decelerating electric field [with summary in English]. IU. N. Dnestrovskii, D. P. Kostomarov. Zhur. eksp. i teor. fiz. 43 no. 1: 156-165 Jl '62.

ELECTRON DIFFRACTION EXAMINATION

Skrysheveskii, A. F. [Diffraction of X rays, electrons, and neutrons in gases and the molecular structure] Difraktsiia rentgenovskikh luchei, elektronov i neitronov v gazakh i stroenie molekul. [Kiev] Izd-vo Kievskogo univ., 1961. 84 p.

ELECTRON MICROSCOPY

Pekhov, A. P. [Electron microscopic investigation of bacteria and phages, submicroscopic anatomy] Elektronnomikroskopicheskoe issledovanie bakterii fagov, submikroskopicheskaia anatomiia. Moskva, Medgiz, 1962. 223 p.

Phase composition of carborundum refractories with a bonding of silicon nitride. N. I. Voronin, N. L. Krasotkina. Ogneupory 27 no. 10: 463-468 '62.

ELECTRON OPTICS

Electron optics of surface beams. IU. P. Pyt'ev. Vest. Mosk. un. Ser. 3: Fiz., astron. 17 no. 1: 3-13 Jl-Ag '62.

Main electron-optical properties of transaxial electrostatic system. A. M. Shaposhkevich. Zhur. tekh. fiz. 32 no. 9: 1142-1152 S '62.

Use of electron optics in the study of effective thermionic cathodes. A. V. Druzhinin. Radiotekh. i elektron. 7 no. 9: 1517-1555 S '62.

ELECTRON TUBES

Calculation of the operating conditions of the electron tubes of a specialized electronic computer. K. F. Volkovitskii, M. S. Shumilin. Elektrosviaz' 16 no. 9: 59-65 S '62.

Efficient system of thermal processing of the glass screen of ILT glass-metal sealed vacuum tubes. A. K. Minchuk. Stek. i ker. 19 no. 9: 19-20 S '62.

Metals with increased resistance of the thermionic emission to the action of oxygen. B. Ch. Diubua, B. N. Popov. Radiotekh. i elektron. 7 no. 9: 1556-1565 S '62.

Semenov, IU. A. [Manufacture of cathode heaters for vacuum devices] Proizvodstvo podogrevatelei katodov elektrovakuumnykh priborov. Moskva, Gosenergoizdat, 1962. 134 p.

Some properties of the emission of cold-cathode electron tubes. R. M. Arenovich, I. G. Kseandzetskii, P. V. Timofeev. Radiotekh. i elektron. 7 no. 9: 1529-1538 S '62.

Statistical expression of the characteristics and parameters of two-electrode tubes. K. A. Rezvak. Radiotekhnika 17 no. 10: 51-61 O '62.

Studies of a cold MgO cathode. A. L. Shustina and others. Radiotekh. i elektron. 7 no. 9: 1539-1546 S '62.

ELECTRONIC AMPLIFIERS see Amplifiers (Electronics)

ELECTRONIC ANALOG COMPUTERS

Frequency-pulse integrator of alternating information given by d.c. voltage. R. G. Karpov. Izv. vys. ucheb. zav., prib. 5 no. 1: 40-46 '62.

Mechanizing the sorting of large quantities of information. A. F. Smirnov. Mekh. i avtom. proizv. 16 no. 8: 28-32 Ag '62.

ELECTRONIC APPARATUS AND APPLIANCES

Gol'din, S. M. [Industrial electronics] Promyshlennaia elektronika. Moskva, Gosgortekhizdat, 1961. 275 p.

Increasing the reliability and the service life of ship temperature control equipment. E. A. Kalinzhn. Informsb. TSNIIMF no. 68. Tekh. ekspl. mor. flota no. 11: 56-70 '61.

ELECTRONIC APPARATUS AND APPLIANCES—BIBLIOGRAPHY see Bibliography—Electronic apparatus and appliances

ELECTRONIC APPARATUS AND APPLIANCES—PATENTS

Certificates of invention. Elektrosviaz' 16 no. 9: 73-74 S '62.

Foreign patents. Elektrosviaz' 16 no. 9: 75-76 S '62.

Russia (1923- U.S.S.R.) Komitet po delam izobretenii i otkrytii. [A collection of patents; telecommunication] Sbornik izobretenii, sviaz'. Moskva, TSentr. biuro tekhn. informatsii, 1961. 119 p. (Sborniki otechestvennykh izobretenii)

ELECTRONIC BRAINS see Electronic calculating machines

ELECTRONIC CALCULATING MACHINES
(see also subdivision under United States)

Azar'ev, D. I. [Mathematical simulation of electrical systems] Matematicheskoe modelirovanie elektricheskikh sistem. Moskva, Gosenergoizdat 1962. 200 p. [MICROFILM]

Bardizh, V. V., and others. [Static and pulse characteristics of miniature cores with rectangular hysteresis loop] Staticheskie i impul'snye svoistva miniatiurnykh serdechnikov s priamougol'noi petlei gisterezisa. Moskva, ITM i VT AN SSSR, 1961. 60 p. (Elektronnye vychislitel'nye mashiny) [With summary in English]

Berezhnoi, E. F. [Device for determining the frequency characteristics of cores with magnetic polarity reversal along the symmetric hysteresis cycles applicable and hysteresis loop limit] Pribor dlia opredeleniia chastotnykh svoistv serdechnikov pri peremagnichivanii po simmetrichnym tsiklam gisterezisa, blizkim k predel'nym. Moskva, ITM i VT AN SSSR, 1962. 15 p. (Elektronnye vychislitel'nye mashiny) [With summary in English]

Calculation of the operating conditions of the electron tubes of a specialized electronic computer. K. F. Volkovitskii, M. S. Shumilin. Elektrosviaz' 16 no. 9: 59-65 S '62.

Can a machine think? Vop. filos. 16 no. 9: 169-170 '62.

Chentsov, R. A. [Action of thermal effects on the response speed of the superconducting elements of a computer] Vliianie teplovykh effektov na bystrodeistvie sverkhprovodiashchikh elementov vychislitel'noi mashiny. Moskva, ITM i VT AN SSSR, 1961. 45 p. (Elektronnye vychislitel'nye mashiny) [With summary in English]

Determination of the optimal transfer function of a dynamic system with finite memory. M. P. Gavin. Avtom. upr. i vych. tekh. no. 5: 85-87 '62.

Digital tracking systems using ferrite and transistor cells. F. S. Kavun and others. Avtom. upr. i vych. tekh. no. 5: 231-234 '62.

Efficient order of counting in binary control counters. IU. K. Barsukov. Izv. vys. ucheb. zav.; prib. 5 no. 5: 81-84 '62.

"Electronic calculating machines" by F. L. Fridlender, L. A. Tseitlin. Reviewed by I. P. Zherebtsov. Vest. vys. shkoly 20 no. 8: 92-94 Ag '62.

Future belongs to electronic computers. V. A. Broginskii. Mashinostroitel' no. 9: 46 S '62.

Gorushkin, V. I. [Use of electronic computers in power engineering calculations] Vypolnenie energeticheskikh raschetov s pomoshch'iu vychislitel'nykh mashin. Pod red. V. A. Venikova. Moskva, Vysshaia shkola, 1962. 174 p.

Kobelev, V. V. [Hysteresis loops of uniaxial ferromagnetic films] Petli gisterezisa odnoosnykh ferromagnitnykh plenok. Moskva, ITM i VT AN SSSR, 1961. 63 p. (Elektronnye vychislitel'nye mashiny) [With summary in English]

Reproduction of homogeneous functions of two variables [with summary in English]. I. V. Dem'ianchuk. Avtom. i telem. 23 no. 7: 943-955 Jl '62.

Some problems in the application of calculating machines for the automation of industrial processes. E. L. Urman. Prom. energ. 17 no. 10: 1-5 O '62.

ELECTRONIC CALCULATING MACHINES (Continued)

Some special features of using digital computing techniques in the solution of statistical problems. IU. S. Vaĭdenberg, V. I. Lenskiĭ. Avtom. i vych. tekh. no. 5, 204-209 '62.

Study of the self-excitation conditions of a parametron with variable inductance. IU. N. Efimov. Izv. vys. ucheb. zav., radiotekh. 5 no. 3, 347-356 My-Je '62.

Using an Aaltot automatic machine with an electronic attachment in accounting. N. Bryzgalin. Buhg. uchet 10 no. 7, 49-54 Jl '62.

Volodarskiĭ, R. T., and others. [Use of electronic calculating machines to interpret gravity and magnetic fields] Primenenie elektronno-schetnykh mashin dlia interpretatsii gravitatsionnykh i magnitnykh polei. Pod red. V. V. Fedynskogo. Moskva, Gostoptekhizdat, 1962. 74 p.

ELECTRONIC CIRCUITS

Attachment for measuring small time intervals. S. S. Vetushkin, B. S. Rozov. Avtom. i telem., sbor. st. no. 2, 49-59 '62.

Calculating circuit elements for diode functional converters. L. V. Krasnov. Izv. vys. ucheb. zav., prib. 5 no. 5, 48-55 '62.

Some features of a ring modulator using silicon diodes. P. I. Popov, N. F. Safonov. Avtom. i telem., sbor. st. no. 2, 34-46 '62.

Transfer function of a frequency discriminator. N. P. Volkov, P. I. Popov. Avtom. i telem., sbor. st. no. 2, 30-42 '62.

ELECTRONIC CONTROL

Determining errors caused by level quantization in numerical automatic control systems. IU. M. Korshunov. Izv. vys. uchab. zav. prib. 6 no. 5, 65-71 '62.

ELECTRONIC DATA PROCESSING

Electronic system of economic information. G. Kh. Popov. Vest. Mosk. un. Ser. 8 Ekon., filos. 17 no. 5, 17-30 S-O '62.

ELECTRONIC DIGITAL COMPUTERS

Calculating the prognosis of the level changes of underground waters using electronic computers. F. B. Abutaliev, U. Umarov, N. Artykova. Uzb. geol. zhur. 6 no. 4, 51-57 '62.

Numerical solution of a problem of flooding oil from an inclined thin layer obtained on a digital computer. V. P. Pilatovskiĭ. Nauch.-tekh. sbor. po dob. nefti no. 15, 5-10 '61.

Problem concerning the operational accuracy of a converter of small linear displacements. A. I. Zverev. Avtom. i vych. tekh. no. 5, 356-364 '62.

Standard cell for the logic blocks of digital computers. G. I. Kaganova, A. A. Lukin. Izv. vys. ucheb. zav., radiotekh. 5 no. 3, 331-338 My-Je '62.

Use of digital computers in the calculation of transient processes in electrical systems. V. A. Venikov, V. V. Ezhkov, S. V. Strakhov. Elektrichestvo no. 9, 7-14 S '62.

Using electronic digital computers for calculating the dynamic curving-in of locomotives on curved track sections. IU. I. Dorfman, IU. S. Romen. Vest. TSNII MPS 21 no. 6, 52-57 '62.

ELECTRONIC DIGITAL COMPUTERS—PROGRAMMING

Birkgan, A. IU., and G. P. Venkrenenskiĭ. [Programming for the "Ural-2" digital computer] Programmirovanie dlia tsifrovoĭ vychislitel'noĭ mashiny "Ural-2." Moskva, Sovetskoe radio, 1962. 200 p. [MICROFILM]

ELECTRONIC INDUSTRIES—QUALITY CONTROL

The ITMS-2 system for measuring the thickness of the magnetic layer of a tape. V. S. Smirnov. Trudy VNAIZ no. 9, 109-117 '61.

Shor, IA. B. [Statistical methods for the analysis and quality and reliability] Statisticheskie metody kontrolia kachestva i nadezhnosti. Moskva, [illegible], 1962. 552 p.

INSTRUMENTS

[illegible] suring the acceleration of rotating shafts. V. M. Pestunov. Mashinostroenie no. 4, 2.

[illegible]al detector for conveyors. B. P. Fridman. [illegible]proizv. 16 no. 9, 38-39 S '62.

Induced polarization of rocks for studying [illegible]ir properties using the UVP-NIGA-1 unit. [illegible]shtein, V. S. Andreev. Trudy NIGA 12[illegible]

[illegible]cking the center distance of a gear-wheel [illegible]azurenko. Stan. i instr. 33 no. 9, 19-22

MEASUREMENTS

[illegible]ce for measuring the light characteristics [illegible]ic multipliers. I. A. Arkhangel'skiĭ, V. P. [illegible]A. Stepanov. Avtom. i telem.; sbor. st. [illegible]62.

[illegible]surement of the length and output of pipes, [illegible]v and others. Mekh. i avtom. proizv. 16 [illegible]'62.

[illegible] signals of nuclear magnetic resonance. [illegible]ov, A. L. Larkin. Avtom. i telem.; sbor. st. [illegible]62.

[illegible]r production units. V. V. Afanas'ev, M. G. [illegible]ekh. i avtom. proizv. 16 no. 8, 26-27 Ag '62.

Measurement of the thermal power of a nuclear reactor. E. V. Armenskiĭ, G. D. Susanina. Avtom. i telem., sbor. st. no. 2, 16-21 '62.

One-channel optimizer with a rough and precise search system. M. Glesk. Izv. vys. ucheb. zav., radiotekh. 5 no. 3, 405-406 My-Je '62.

Thyratron device for checking the reliability of contactors. V. Chekanov. Radio no. 9, 44 S '62.

ELECTRONICS—BIBLIOGRAPHY see Bibliography—Electronics

ELECTRONICS—RESEARCH see subdivision under Tiflis

ELECTRONICS IN AGRICULTURE

Electronic agronomist. IUrii Al'perovich, IUn. nat. no. 8, 28-30 Ag '62.

ELECTRONICS IN BIOLOGY

The second All-Union Conference on the Use of Electronics in Medicine and Biology. B. N. Aksenov, V. A. Khitun. Izv. vys. ucheb. zav.; prib. 5 no. 5, 140-147 '62.

ELECTRONICS IN MEDICINE see Medical electronics

ELECTRONICS IN MINING

Gol'din, S. M. [Industrial electronics] Promyshlennaia elektronika. Moskva, Gosgortekhizdat, 1961. 275 p.

ELECTRONS

Acceptor-donor concepts applied to extraction. A. V. Nikolaev, N. M. Sinitsyn, S. M. Shabina. Ekstr.; teor., prin., app. no. 2, 53-70 '62.

Allowing for mutual exchange in adiabatic approximations in atomic theory [with summary in English]. M. G. Veselov, L. N. Labzovskiĭ. Vest. LGU 17 no. 16, 30-35 '62.

Dimensional effect in a metal in multiple magnetic fields. V. F. Gantmakher. Zhur. eksp. i teor. fiz. 43 no. 1, 345-347 Jl '62.

Effect of electron bombardment on the adsorption properties of a tungsten surface. IU. S. Vedula, V. M. Gavriliuk, V. K. Medvedev. Fiz. tver. tela 4 no. 9, 2550-2553 S '62.

Effect of foreign ions on electron processes in ionic crystals. IA. N. Peraliste, V. I. Gutman. Izv. vys. uch. zav.; fiz. no. 4, 123-129 '62.

Effective electron mass in germanium heavily alloyed with arsenic. E. P. Rashevskaia, V. I. Fistul'. Fiz. tver. tela 4 no. 9, 2601-2603 S '62.

Electroconductivity of thin specimens and the feasibility of determining the free paths of electrons in metals [with summary in English]. M. IA. Azbel', R. N. Gurzhi. Zhur. eksp. i teor. fiz. 42 no. 6, 1632-1635 Je '62.

Experimental study of the dimensions of an electron cluster under the special operating conditions of a synchrotron [with summary in English]. O. E. Kulikov, P. B. Shoshin. Zhur. eksp. i teor. fiz. 42 no. 6, 1461-1463 Je '62.

Ionization loss of ultrarelativistic electrons. G. B. Zhdanov and others. Zhur. eksp. i teor. fiz. 43 no. 1, 342-345 Jl '62.

Method for measuring the momentum of an electron in a metal. V. F. Gantmakher. Zhur. eksp. i teor. fiz. 42 no. 5, 1416-1418 My '62.

Motion of an electron in mutually opposed inhomogeneous electric and magnetic fields. A. M. Rezikian, G. G. Bakhshian. Izv. AN Arm. SSR Ser. fiz.-mat. nauk 15 no. 3, 107-114 '62.

New opportunities for studying the electromagnetic properties of electrons and μ-mesons [with summary in English]. Zhur. eksp. i teor. fiz. 43 no. 1, 268-270 Jl '62.

Recombinations of electrons in a monoatomic gas [with summary in English]. L. P. Pitaevskiĭ. Zhur. eksp. i teor. fiz. 42 no. 5, 1328-1329 My '62.

Spectroscopic study of the effect of the medium on the reactivity of substituted benzenes. Part 3. Effect of aqueous solutions of chlorides and nitrogen containing solvents on the electron absorption spectra of substituted benzenes. V. I. Danilova. Izv. vys. uch. zav., fiz. no. 4, 107-111 '62.

Spin wave theory in collective electron models. Part 1: Energy spectrum. M. I. Kurkin. Fiz. met. i metalloved. 14 no. 3, 327-336 S '62.

Theory of hot electrons in semiconductors. Sh. M. Kogan. Fiz. tver. tela 4 no. 9, 2474-2484 S '62.

ELECTRONS—CAPTURE

Calculating the absorption cross section for a free electron in the field of a neutral hydrogen atom. V. E. Romanov. Izv. vys. uch. zav.; fiz. no. 4, 91-97 '62.

Determining the effective capturing cross sections for majority carriers by copper atoms in germanium on the basis of the nonstationary extrinsic photoconductivity. B. V. Kornilov. Fiz. tver. tela 4 no. 9, 2416-2418 S '62.

Effect of thermal treatment on the formation of the trapping level spectrum in silver chloride. V. M. Belous. Opt. i spektr. 13 no. 3, 412-416 S '62.

Electron capture by helium ions in various gases in the 300 - 1500 Kev, energy range [with summary in English]. L. I. Pivovar, M. T. Novikov, V. M. Tubaev. Zhur. eksp. i teor. fiz. 42 no. 6, 1400-1404 Je '62.

ELECTRONS—SCATTERING

Inelastic scattering of particles and the Cherenkov radiation [with summary in English]. M. I. Kaganov. Zhur. eksp. i teor. fiz. 13 no. 1, 153-157 Jl '62.

Scattering of electrons and holes in alloyed InSb, InAs, and GaAs. I. M. TSidil'kovskiĭ. Fiz. tver. tela 4 no. 9, 2539-2549 S '62.

Transport phenomena in n-type InSb. G. I. Gusev, I. M. TSidil'kovskiĭ. Fiz. tver. tela 4 no. 9, 2490-2505 S '62.

ELECTRONS—SPECTRA

Energy spectrum of slow secondary electrons in the case of adsorption of thin silicon and platinum films on beryllium. I. M. Bronshtein, IA. M. Shchuchinskiĭ. Izv. vys. uch. zav., fiz. no. 4, 182 '62.

Study of the energy spectra of electrons in a crystal. Part 4. N. V. Kudrinvteeva, V. A. Chaldyshev. Izv. vys. uch. zav., fiz. no. 4, 98-106 '62.

ELECTROPHORESIS

Hollow nonpolarizing electrode. T. A. Rovenko. Vop. kur., fiziolet. i lech. fiz. kul't. 27 no. 3, 259 My-Je '62.

Treatment of some skin diseases by the nasal electrophoresis of vitamin B$_1$. R. A. Shpektorova. Vest. derm. i ven. no. 8, 81-83 '62.

ELECTROPHYSIOLOGY

Microelectrodes. Tekh. mol. 30 no. 9, 11 '62.

Nature of resting potential in phytophagous insects. N. N. Nikol'skiĭ, S. I. Vasilin. TSitologiia 4 no. 4, 151-153 Jl-Ag '62.

Skillful hands for everybody. V. Kovalev. Znan.-sila 37 no. 7, 56 Jl '62.

Space bioteletemetry. N. Agadzhanian, I. Akulinichev. Tekh. mol. 30 no. 9, 25 '62.

State of the electric activity of the reticular formations of the brain stem during chemical stimulation of the receptors of the bladder. G. K. Kadyrov, G. S. Agasi. Izv. AN Azerb. SSR. Ser. biol. i med. nauk no. 3, 119-130 '62.

Volodarskiĭ, L. A. [The body speaks; how and why the biocurrents of the body are studied] Organizm rasskazyvaet; kak i dlia chego izuchaiut biotoki organizma. Moskva, Izd-vo "Znanie," 1962. 31 p. (Novoe v zhizni, nauke, tekhnike. VIII Seriia: Biologiia i meditsina, no. 12)

ELECTROPLATING

Distribution of current on electrodes and automation of electroplating processes. L. I. Kadanet. Mashinostroenie no. 4, 66-70 Jl-Ag '62.

New technological processes for electroplating abroad. I. D. Fedortseva. Avt. prom. 28 no. 10, 45-48 O '62.

ELECTROSTATICS

Concerning the calculation of electrostatic fields. IU. S. Rusin. Elektrichestvo no. 9, 93 S '62.

Efficacity of the installation of a "Statik" device on a carding machine. A. IA. Pankina, N. A. Soboleva. Tekst. prom. 22 no. 9, 51-53 S '62.

Main electron-optical properties of transaxial electrostatic system. A. M. Strashkevich. Zhur. tekh. fiz. 32 no. 9, 1142-1152 S '62.

Use of static electric charges and magnetoelectric fields in drawing fibrous materials. P. D. Balinasov. Tekst. prom. 22 no. 9, 47-51 S '62.

ELECTROTHERAPEUTICS

Comparative evaluation of the results of treating muscles of the lower extremities weakened following trauma by labile and stable impulse galvanization of varying frequency. E. V. Barantsevich, O. V. Tarushkin. Trudy Len. gos. nauch.-issl. inst. travm. i ortop. no. 8, 123-129 '61.

Use of interference currents in treating radiculitis; preliminary report. A. P. Speranskiĭ, E. I. Rozenblit, I. N. Razenkova. Vop. kur., fiziolet. i lech. fiz. kul't. 27 no. 3, 243-248 My-Je '62.

ELEKTROSTAL'—CITY PLANNING

Reconstruction of the cities of Klin and Elektrostal'. I. Zakov, IA. Malakhov. Na strol. Ros. 3 no. 4, 14-15 Ap '62.

ELEMENE

Isolation of d-β-elemene and l-β-selinene from the essential oil of Libanotis transcaucasica Schischk. fruits. G. V. Pigulevskiĭ, A. V. Borovkov. Zhur. ob. khim. 32 no. 9, 3100 S '62.

ELEMENTARY EDUCATION see Education, Elementary

ELEMENTS, CHEMICAL see Chemical elements

EL'NYA DISTRICT—WORLD WAR, 1939-1945—UNDERGROUND MOVEMENTS

IUdenkov, A. F. [In the ring of fire] V ognennom kol'tse. Moskva, Voenizdat, 1962. 195 p. (Geroicheskoe proshloe nashei rodiny)

EMBA REGION—PETROLEUM GEOLOGY

Effect of tectonic dislocations on the qualitative composition of petroleum in the southern Emba region. Kh. A. Kalabaev. Vest. AN Kazakh. SSR 18 no. 6, 83-87 Je '62.

EMBA REGION—REEFS

Reef formations in the southern Emba region. B.K. Proshlakov, IU.M. Vasil'ev. Trudy MINKHIGP no. 38: 144-148 '62.

EMBANKMENTS

Embankments of lightweight construction. G. Zhelankin, S. Levachev. Rech. transp. 21 no. 9 35-37 S '62.

EMBOLISM

Hemorrhagic pancreatic necrosis as a thromboembolic complication in myocardial infarction. K.F. Vlasov. Klin. med. 40 no. 6:129-130 Je '62.

EMBROIDERY, CHINESE

A city of gardens, silk and embroidery [with English summary in insert]. I. Loboda. Az. i Afr. segs. no. 9, 46-48 S '62.

EMBRYOLOGY

Disorders in the development of the eye in a strain of mice with microphthalmia (mutation blind) [with summary in English]. B.V. Konukhov, M.V. Sazhina. Zhur. ob. biol. 23 no. 4 256-264 Jl-Ag '62.

"A history of embryology" by Joseph Needham. Reviewed by A.E. Gaisinovich. Trudy Inst. ist. est. i tekh. 40: 302-310 '62.

Physiology of the development of offspring born from females subjected to radiation injury in the embryonal period [with summary in English]. E.A. Kakushkina, L.A. Plodovskaia, N.G. Miller. Zhur. ob. biol. 23 no. 4 296-301 Jl-Ag '62.

EMBRYOLOGY—BIRDS

Dynamics of growth of the liver in a chicken embryo when stimulated by homologous tissue extract. G.D. Tumanishvili, D.D. Tabidze. Dokl. AN SSSR 146 no. 1: 246-249 S '62.

EMBRYOLOGY—MAMMALS

Development of the eye of the mole (Talpa europaea L.) during the intrauterine period. Z.A. Sokolova. Vest. Mosk. un. Ser. 6 Biol., pochv. 17 no. 4 21-30 Jl-Ag '62.

EMBRYOLOGY—WORMS

Role of secreting glands in the onchosphere of Hymenolepididae. A.I. Gushchina. Trudy Kaz. fil. AN SSSR no. 30 103-106 '61.

EMBRYOLOGY (BOTANY) see Botany—Embryology

EMIL'CHINO DISTRICT—FARM BUILDINGS

The best people of the interfarm building organization. IA. Bondar'. Stil'. bud. 12 no. 8.6 Ag '62.

EMOTIONS

Characteristics of the adaptation of sportsmen to emotional influences and physical stress. N.V. Zimkin. Probl. psikhol. sporta no. 2:134-142 '62.

Emotional and volitional characteristics of the actions of horsemen in overcoming obstacles. O.A. Chernikova. Probl. psikhol. sporta no. 2:332-345 '62.

Role of the emotions in the volitional acts of the sportsman. O.A. Chernikova. Probl. psikhol. sporta no. 2: 49-65 '62.

EMPHYSEMA, PULMONARY

Isadrine in pulmonary emphysema and chronic bronchitis. L.I. Golosova. Klin. med. no. 12:78-83 '61.

EMPLOYEES, DISMISSAL OF

Our consultations. Sov. profsoiuzy 18 no. 19:46-47 O '62.

EMPLOYEES, REINSTATEMENT OF

Stavisova, A.I. [Reinstatement of wrongly dismissed workers and employees] Vosstanovlenie na rabote nepravil'no uvolennykh rabochikh i sluzhashchikh. Moskva, Gosiurizdat, 1962. 127 p.

EMPLOYERS' LIABILITY

How we organized the examination of requests for compensation for work injuries. G. Lopukhin, O. Maksimov. Sov. iust. no. 18:22-23 S '62.

EMULSIONS

Rapid methods of analysis of wash liquids in the purification of gas-turbine residual fuels. E.M. Popova, V.G. Nikolaeva, M.I. Sen'kina. Khim. i tekh. topl. i masel. 7 no. 7:62-65 Jl '62.

Ultrasonic emulsifier. Stroi. i arkhit. Len. 24 no. 2:39 F '62.

Using sulfate soap for the manufacture of paraffin emulsions. S.P. Sivokhin, V.A. Chuiko. Bum. prom. 37 no. 9:25-26 S '62.

ENAMEL, DENTAL

Problem of the biology of the dental enamel. E.V. Borovskii, V.I. Garadzha. Stomatologiia 41 no. 4:10-15 Jl-Ag '62.

ENAMEL AND ENAMELING

Titanic enamels with a low TiO_2 content. V.V. Vargin, G.P. Smirnova. Stek. i ker. 19 no. 8:35-37 Ag '62.

ENCEPHALITIS

(see also subdivision under Kalinin Province; Tatar A.S.S.R.)

Characteristics of the clinical aspects of tick-borne encephalitis in childhood [with summary in French]. L.A. Mitrokhina. Zhur. nevr. i psikh. 62 no. 7:976-981 '62.

Control of Ixodes ticks, the transmitters of spring-summer tick-borne encephalitis. M.A. Smetanina. Kaz. med. zhur. no. 3:5-9 My-Je '62.

Preliminary data on the zoological and parasitological study of foci of tick-borne encephalitis in the Altai Territory [with summary in English]. V.N. Nefedov, V.E. Burkovskii. Med. paraz. i parazit. bol. no. 3:338-341 '62.

Role of birds as hosts of ixodid ticks in the natural nidi of encephalitis in the forest zone [with summary in English]. E.I. Korenberg. Zool. zhur. 41 no. 8 1220-1225 Ag '62.

Transovarian transmission of tick-born encephalitis virus antibodies in the fieldfare (Turdus pilaris L.) [with summary in English]. D.K. L'vov, R.L. Naumov. Med. paraz. i parazit. bol. no. 3:335-338 '62.

Use of a fine chemical spray from an airplane in controlling tick-borne encephalitis carriers in the Anzhero-Sudzhensk District in 1957-1959 [with summary in English]. M.A. Lavlukhin and others. Med. paraz. i parazit. bol. no. 3:347-351 '62.

ENCEPHALITIS VIRUSES

Materials on the differentiation of viruses of the tick-borne encephalitis group [with summary in French]. V.I. Il'enko, O.A. Pokrovskaia. Och. klin. nevr. no. 1 193-194 '62.

ENCEPHALOCELE

Liquorrhea following adenotomy in a child with undiagnosed nasopharyngeal cerebral hernia. A.A. Terkel'. Vest. otorin. no. 5:81-82 '62.

ENCEPHALOMYELITIS

Opticoencephalomyelitis syndrome in children [with summary in French]. T.N. Krupina. Zhur. nevr. i psikh. 62 no. 7:972-977 '62.

ENCYCLOPEDIAS AND DICTIONARIES, UKRAINIAN

[Soviet Ukrainian encyclopedia] Ukrains'ka radians'ka entsiklopediia. Holovna red. kolegiia, M.P. Bazhan ta inshi. Kyiv, Akad. nauk URSR
Vol. 9. Lan' - Mashichennia. [1962] 576 p.

ENCYRTIDAE see subdivision under Kuba District

ENDE VALLEY—BAUXITE

Association of trappean weathering surface with bauxite formation. E.T. Bobiev. Kora vyvetr. no. 4:121-125 '62.

ENDE VALLEY—WEATHERING

Association of trappean weathering surface with bauxite formation. E.T. Bobiev. Kora vyvetr. no. 4:121-125 '62.

ENDOCRINE GLANDS—DISEASES

Endocrine hypertensions. IU.I. Miklinev. Arkh. pat. no. 7 54-60 '62.

ENDOMETRIUM—CANCER

Lymphogenic metastasis in cancer of the endometrium. IA.V. Bokhman. Vop. onk. 8 no. 8 98-107 '62.

ENGELS, FRIEDRICH, 1820-1895

Engels and Karl Marx's "Capital." L. Leont'ev. Vop. ekon. no. 9:68-81 S '62.

Marx, Karl, and Friedrich Engels. [Works] Sochineniia. Izd. 2. Moskva, Gospolitizdat.
Vol. 29. 1962. 729 p.

Folk satire and humor in the works of K. Marx and F. Engels. F.I. Lavrov. Nar. tvor. ta etn. 6 no. 1:25-30 Ja-Mr '62.

ENGELS, FRIEDRICH, 1820-1895—BIBLIOGRAPHY see Bibliography—Engels, Friedrich, 1820-1895

ENGINEERING GEOLOGY

Moscow. Vsesoiuznyi gosudarstvennyi proektnyi institut "Gidroenergoproekt." [Geology and dams] Geologiia i plotiny. Pod obshchei red. A.A. Borovogo. Moskva, Gosenergoizdat. (Its Materialy po proektirovaniiu gidroenergeticheskikh uzlov. Seriia 2. Izyskaniia)
Vol. 2. 1962. 151 p.

Use of the seismic method in prospecting for purposes of engineering geology. S.A. Nazarnyi. Trudy VITR no. 5:114-130 '62.

ENGINEERING MATHEMATICS

Preparation of industrial problems for solution by mathematical methods. L.I. Zamakhovskii. Tekst. prom. 22 no. 9:42-46 S '62.

ENGINEERING STANDARDS see Standards, Engineering

ENGLISH DRAMA—HISTORY AND CRITICISM

The hydrogen bomb and Aristophanes. D. Shestakov-Dmitriev. Teatr 23 no. 9:173-177 S '62.

ENGLISH LANGUAGE

Burlakova, A.P. [Think and answer; rebuses, puzzles, chain words, crosswords (in English) for grade 5-7 students of secondary schools] Podumai i otvet'; rebusy, golovolomki, chainvordy, krossvordy (na angliiskom iazyke) dlia uchashchikhsia V-VII klassov srednei shkoly. Moskva, Uchpedgiz, 1959. 51 p.

ENGLISH LANGUAGE—CONVERSATION AND PHRASE BOOKS

IAkobson, A.P., IU.S. Silin, and M.Sh. Tradkin. [Textbook of conversational English on school and daily-life subjects, for teachers in secondary schools] Posobie po razgovornomu angliiskomu iazyku na shkol'no-bytovye temy, dlia uchitelei srednei shkoly. Moskva, Uchpedgiz, 1960. 253 p.
(CLU)

ENGLISH LANGUAGE—GRAMMAR, COMPARATIVE—RUSSIAN

Zvereva, E.N., and I.G. Eber. [Grammatical comparisons of the English and Russian languages; a translation aid] Grammaticheskie sootvetstviia angliiskogo i russkogo iazykov, posobie dlia perevoda. [Leningrad] Izd-vo Leningr. univ., 1962. 208 p.

ENGLISH LANGUAGE—TRANSLATIONS INTO UKRAINIAN

Some methods for expressing humor in translations of Shakespeare's comedies into the Ukrainian language. D.M. Vavrynink. Movoznavstvo 16,76-85 '61.

ENGLISH LANGUAGE—WORDS

Ufimtseva, A.A. [Study of words as a system; based on the English language] Opyt izucheniia leksiki kak sistemy, na materiale angliiskogo iazyka. Moskva, Izd-vo Akad. nauk SSSR, 1962. 280 p.

ENGRAVING see subdivision under Tiflis

ENSEMBLES (MATHEMATICS) see Aggregates

ENSILAGE

Calculating the density of ensiled materials. I.S. Koltushkin, V.I. Koltushkina. Vest. sel'khoz. nauki [Kazakh.] 5 no. 7:92-96 Jl '62.

Danilenko, I.A. and K.A. Perevozina. [Silage and its use] Silos i ego ispol'zovanie. Kiev, Gosse'lkhozizdat USSR, 1962. 214 p.
(DNAL)

Drying grasses before ensiloging. N.V. Kolesnikov. Vest. sel'khoz. nauki 7 no. 6:121-127 Je '62.

Kazakova, M. [Corn silage has become richer in proteins] Kukuruznyi silos stal bogache belkom. [Moskva] Mosk. rabochii, 1962. 14 p. (Ikh opyt dostupen vsem)
(DNAL)

Parental material for the production of corn hybrids for ensilage. I.A. Teplova. Shor. trud. asp. i mol. nauch. sotr. VIR no. 1:121-127 '60.

ENTEROBIASIS see Oxyuriasis

ENTERTAINERS, EAST GERMAN

Creativity of friends. Sov. voin 41 no. 19:35 O '62.

ENTERTAINERS, NORTH KOREAN

Creativity of friends. Sov. voin 41 no. 19:35 O '62.

ENTHALPY

Enthalpy of the formation of double compounds of niobium oxytrichloride with NaCl and KCl [with summary in English]. T.S. Shemiakina, L.K. Smirnova, S.A. Shchukarev. Vest. LGU 17 no. 10 155-157 '62.

Enthalpy of the formation of nickel telluride NiTe1,00-NiTe1,50 [with summary in English]. M.S. Soboleva, IA.V. Vasil'ev. Vest. LGU 17 no. 10 153-155 '62.

ENZYMES

Enzyme synthesis and its inhibition by antibiotics in cotyledons of germinating peas. N.I. Proskuriakov, M.B. Babintseva. Dokl. AN SSSR 146 no. 2, 464-466 S '62.

EOSINOPHILES

Diagnostic signs of eosinophilic infiltrations of the lung. V.A. Vasil'ev. Klin. med. no. 12:127-129 '61.

EPHEMERIDES

Akademiia nauk SSSR, Institut teoreticheskoi astronomii. [Ephemerides of minor planets for 1963 god. Moskva, Izd-vo Akad. nauk SSSR.
Vol. 17. 1962. 157 p.

EPIC POETRY, KIRGHIZ

The folk epic "Olzkobai and Kishimzhan." A. Tokombaeva. Izv. AN Kir. SSR. Ser. obshchestv. nauk 2 no. 4:121-134 '60.

EPIC POETRY, UKRAINIAN

Folk heroic songs in the works of M.V. Lysenko. T.P. Bulat. Nar. tvor. ta etn. 6 no. 1:48-58 Ja-Mr '62.

EPIDIDYMIS—TUMORS

Histogenesis of adenomatoid tumors (mesotheliomas) of the epididymis [with summary in English]. A.G. Bokkov. Arkh. anat., gist. i embr. 43 no. 7:60-67 Jl '62.

EPIGLOTTIS

Pre-epiglottic space and its clinical significance. V.S. Vorontsova. Vest. otorin. no. 5:30-36 '62.

EPILEPSY

Effect of some infections and intoxications on the course of epilepsy in children [with summary in French]. R.A. Kharitonov. Zhur. nevr. i psikh. 62 no. 7:1087-1091 '62.

Frequent petit mal attacks in children and their prevention [with summary in French]. I.S. Tets. Zhur. nevr. i psikh. 62 no. 7:1077-1086 '62.

EPILEPSY (Continued)
Problem of the focal nature of epilepsy [with summary in French] O V. Ivdt. Och khim nevr no 1 90-100 '62

EPIPHYSIS—DISEASES
Osteoepiphysiolysis of the distal epiphysis of the tibia. B. V Blinov Ortop., travm. i protez 23 no 6 71-73 Je '62

EPITHELIUM
Chromosome apparatus of the cells of the mesothelium following the action of physical and cancerogenic factors [with summary in English] V F Ivanova Arkh anat., gist i embr 43 no 7 96-99 Jl '62
Development of cancerous epithelium of the skin in experimental conditions [with summary in English] Z P Shavlaev Arkh anat., gist i embr 43 no 7 84-95 Jl '62
Morphology of the vessels of skin hemangiomas in children in connection with the problem of the tissue nature of vascular epithelium [with summary in English] N G Khlopin N L. Kamenskaia Arkh anat., gist i embr 43 no 7 68-74 Jl '62

EPOXY COMPOUNDS
Epoxy compounds with specific inductive capacitance. D K Dobrer. Vest elektroprom. 33 no 10 55-58 O '62

EPOXY RESINS
Joining gas pipelines by gluing. A. A Nikolaev. Stroi truboprov 7 no. 8,23-24 Ag '62.
Use of epoxy glue in repair work G D Pekelis. Med prom. 16 no 7 52-54 Jl '62

EQUALITY
Communism, a society with full social equality E. V. Popov. Izv. AN Turk SSR, Ser. obshchestv nauk no. 3:3-17 '62.

EQUATION OF STATE
Quantum-mechanical derivation of the equation of state of iron [with summary in English] G. M Gandel'man Zhur. eksp i teor fiz. 43 no 1 130-145 Jl '62

EQUATIONS
Algorithm for solving large systems of normal equations by the multigroup method using an electronic computer S. I. Shublaiova Trudy TSNIIGAIK no. 147 17-33 '62
Two algorithms for solving large systems of normal equations A Z. Sazonov. Trudy TSNIIGAIK no. 147 3-15 '62.

EQUATIONS, LINEAR see Linear equations

EQUIVALENT CIRCUITS
Use of equivalent transformations in the calculation of electrical networks. E. V. Zelfakh. Radiotekhnika 17 no. 9:3-8 S '62.

EREMEEV, KONSTANTIN STEPANOVICH, 1874-1931
Uncle Kostia. L. Abramskii. Sov. pech. no. 9:45-47 S '62

ERGOMETER see Dynamometer

ERIVAN—ALUMINUM INDUSTRY
Efficiency promoters of the Erivan Aluminum Plant K. Arushanian. Prom. Arm. 5 no. 9 39-40 S '62

ERIVAN—EXHIBITIONS
Exhibition of patent literature. M Abgarian. Prom. Arm. 5 no. 9:67 S '62.

ERIVAN—HOISTING MACHINERY—SAFETY APPLIANCES
Device for limiting the lifting capacity designed by A. Davtian, N. Khod'kin. Prom Arm. 5 no 9:35-39 S '62.

ERIVAN—LINOLEUM
Technological conference in a plant. Prom. Arm. 5 no. 9:67-68 S '62.

ATER
no 8-83-85

ERYTHROCYTES
Group specific agglutinable properties of erythrocytes in the process of ontogenesis I. N Mukaveva Probl. gemat. i perel krovi no. 8:21-24 '62
Qualitative change in the erythrocytes of subjects working under the combined effect of occupational factors (gamma irradiation, high frequency currents, lead). A. V Shcheglova. Probl. gemat i perel krovi no 6: 35-37 '62.

ERYTHROMYCIN
Clinical bacteriological evaluation of the effectiveness of erythromycin in chronic diffuse streptо-staphylodermia A. A. Shtein, S. I. Dovzhanskii. Vest derm i ven no 8: 35-39 '62.
Effect of iron on the biosynthesis of erythromycin [with summary in English]. S. I. Brinberg, A. P Skvortsova, S. S. Krivobokova. Antibiotiki 7 no 8 689-692 Ag '62

ESCHERICHIA COLI
(see also subdivision under Azerbaijan)
Effect of cycloserine stereoisomers on the synthesis of protein and the lysis of B coli cells [with summary in English] R. K Ledneva, E. D Vyshepan, K. I. Ivanova Antibiotiki 7 no 8 721-729 Ag '62

ESCHSCHOLTZ, JOHANN FRIEDRICH, 1793-1831
Zoological studies of A Chamisso and J. Fr. Eschscholtz during O. von Kotzebue's voyage around the world on the "Rurik" (1815-1818). P. A. Novikov. Trudy Inst. ist. est. i tekh. 40 248-282 '62

ESOPHAGUS—CANCER
Effectiveness of radiotherapy by various methods of cancer of the upper segments of the esophagus [with summary in English] L M. Gol'dshtein, M. N. Bychenkova, L. I. Zalesskaia Trudy Inst onk AMN SSSR no 4:27-39 '62

ESOPHAGUS—WOUNDS AND INJURIES
Zagarskikh, M. G. [Treatment of acute burns and stenosis of the esophagus, an experimental clinical study] Lechenie ostrykh ozhogov i stenozov pishchevoda; eksperimental'no-klinicheskoe issledovanie. Kishinev, Gos. Izd-vo "Kartia moldovenieske," 1961. 207 p. (DNLM)

ESPIONAGE
(see also subdivision under Berlin, West)
Be alert and strictly preserve state and military secrets. G. Gladkikh. Voen. znan. 38 no. 9:16-17 S '62.

ESSENCES AND ESSENTIAL OILS
Increasing the profitableness of the production of essential oil raw materials and of the manufacture of essential oils. A. P. Isaev. Masl.-zhir. prom. 28 no. 9 25-26 S '62.

ESTERASES
Significance of a deficiency of tissue lipolytic enzymes in the pathogenesis of atherosclerosis [with summary in English] F. L. Leites. Kardiologiia 2 no. 1 35-41 Jl-Ag '62.

ESTERIFICATION
Thermal esterification of synthetic fatty acids under pressure V V Veselov, F V Linchevskii, V I Morina Khim prom no. 8 558-560 Ag '62.

ESTERS
Esters of diphenylchloro- and triphenylphosphaze carbonic acid. V. I Shevchenko, A. S Shtepanek, A. V Kirsanov. Zhur. ob. khim 32 no. 8:2595-2600 Ag '62.
Phenyl esters of arenimino sulfonic acids. E. S. Levchenko, E. S. Kozlov, A. V. Kirsanov. Zhur ob. khim 32 no 8 2585-2587 Ag '62.

ESTONIA—BUILDING MATERIALS
Birth of a champion. I. Fedorov Znan.-sila 37 no. 5: 6-9 My '62.

ESTONIA—COMMUNIST PARTY
"Studies on the history of the Communist Party of Estonia, Pt 1 Reviewed by A. A. Drizul. Vop. ist. KPSS 6 no. 5 197-201 '62.

ESTONIA—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK
The unit which is nearest to the masses. E. Saar. Part. zhizn' no. 19:36-39 O '62.

ESTONIA—HISTORICAL RESEARCH
A coordinating conference of Estonian historians. V G. Gusarova, E. E. Maaverk. Ist. SSSR 6 no. 5:242-243 S-O '62.

ESTONIA—MEDICAL JURISPRUDENCE
Tenth anniversary of the Estonian section of the All-Union Society of Forensic Medical Personnel and Criminologists. A. Lukash. Sud.-med. ekspert. 5 no. 3: 60-61 Jl-S '62.

ESTONIA—MINE DRAINAGE
Mechanized digging of drainage trenches in the Estonslancts Trust mines. B. I. Logusov. Ugol' 37 no. 8. 44 Ag '62.

ESTONIA—MUSIC
"Yaroslavl ensembles" R. Reiflian. Teatr 23 no. 8: 152 Ag '62

ETHERS
Chemistry of unsaturated ethers Part [illegible] orientation of diene condensations of [illegible] asymmetrical dienophyls. S. M Makin [illegible] Zhur. ob. khim 32 no 8 2521-2527 A[illegible]
Extraction of uranyl nitrate from nitric acid [illegible] by normal ethers. V. V. Fomin, R. N M[illegible] Peksti., teor., prim., app. no. 3 19-[illegible]
Interaction of some alkene oxides with [illegible] Part 2. V. S Ptitis, L. N Grobov, G. A R[illegible] Zhur. ob. khim. 32 no 9 2910-2917 [illegible]
Synthesis of methyl ethers of xylitol and [illegible] derivatives A. N Anikeeva, S. N Danilov [illegible] khim 32 no 8,2498-2500 Ag '62
Synthesis of 2, 3-dimercaptopropanol ethers [illegible] Fedoseev, E. F Simonov, A. B Silar[illegible] 32 no. 9:3083-3088 S '62

ETHICS
Daniellan, M. S. [Some problems of Marxist [illegible] ethics] Nekotorye voprosy marksistsko [illegible] Erevan, Izd-vo Armianskoi SSR, 1962. [illegible] p.
Intuitionism as a sign of the crisis of [illegible] theory. K. A Shvartsman Vop filos. [illegible] '62.
Moral progress and present-day humanism. [illegible] Ikonnikova. Nauch. dokl. vys. shkoly, filos. [illegible] 60-67 '62.

ETHICS AND RELIGION see Religion and ethics

ETHIOPIA—ARTERIOSCLEROSIS
Level of cholesterol and cholesterol esters [illegible] in the population of Ethiopia [with summary in [illegible] A. S Loginov. Kardiologiia 2 no 1 [illegible]

ETHNOLOGICAL RESEARCH
A session dedicated to the results of the [illegible] carried out during 1961. V. A Alekseenko. no 1 179-182 Jl-Ag '62

ETHNOLOGY
(see also subdivision under Algeria, Burma, Caucasus, Formosa, India)
A. I Hertzen's ethnographic works in the [illegible] 19th century [with summary in English] [illegible] Sov. etn no 4 93-105 Jl-Ag '62.
"Materials and studies on the ethnology of the population of the European U. S. S. R." Review. I. Rusygin. Sov. etn no 4 207-210 Jl-Ag '62.
Russian national costume as a source for [illegible] history. G. S. Maslova. Nar. tvor. i etn[illegible] da-Mi '62.

ETHNOLOGY—BIBLIOGRAPHY see Bibliography—Ethnology

ETHNOLOGY—PERIODICALS see subdivision under Thailand

ETHNOLOGY—PICTORIAL WORKS see [illegible] Asia, Central

ETHNOPSYCHOLOGY see subdivision under [illegible] States

ETHYL ALCOHOL
Transformation of ethyl and methyl alcohol [illegible] A. V. Krylov, G. A. Tarakanova. [illegible] 180 402 '62.

ETHYLENE
Effect of halogen admixtures on the [illegible] silver in the oxidation of ethylene. [illegible] Rubanik. Dokl. AN SSSR 146 no. 1 [illegible]
Polymerization of ethylene in the presence of organometallic complex catalyst Sn ([illegible] VCl4. L. L. Stotskaia, A. V Topchiev [illegible] Dokl. AN SSSR 146 no. 2 372-375 S '62

ETHYLENEDIAMINE
Interaction of bis-acetylacetonethylenediimine of certain metals. K. V Astakhov, [illegible] neorg. khim. 7 no 9,2082-2085 S '62

ETHYLENIMINE
Carbon suboxide and some of its reactions. Interaction of carbon suboxide with ethyl[illegible] six-membered cyclic imines I. B Dunaev Beilin, Zhur. ob. khim. 32 no 8,2411 [illegible]
N-ethylenimination of primary amines [illegible] skii, O. A. Uzhakova Zhur. ob. khim [illegible] 2744 Ag '62.

ETHYNYLATION
Ethynylation of ionone analogs. G. P. Lugo[illegible] kina and others. Zhur. ob. khim [illegible] Ag '62.

ETRURIANS—ORIGIN
"Etruscans in northern Italy" by N. N. Yaleva viewed by I. Sh. Shifman. Sov. arkheol [illegible] 321 '62.

EUCALYPTUS OIL
Constancy of the characteristics of essential [illegible] eucalyptus hybrids. L. A. Gershtein [illegible] mol. nauch. sotr. VIR no. 1:405-412 '60

EUCOMMIA see subdivision under Tajikistan

EUROPE—COMMUNIST PARTIES

[Program documents of Communist and workers' parties in capitalist countries of Europe] Programmnye dokumenty kommunisticheskikh i rabochikh partii kapitalisticheskikh stran Evropy. Moskva, Gos. izd-vo polit lit-ry, 1960. 467 p. (RPB)

EUROPE—EXHIBITIONS

U S S R at the international exhibitions A Il'ina and others. Vnesh torg 42 no 9 36-39 '62

EUROPE—FOLKLORE STUDIES

"History of folk studies in Europe" by Giuseppe Cocchiara Reviewed by V Propp Sov etn no 4 210-212 Jl-Ag '62.

EUROPE—HISTORY

European diplomacy and Serbia in the early 1860's. Vop ist no. 9:75-102 S '62

EUROPE—PRECAST CONCRETE CONSTRUCTION

Survey of the technology of manufacturing large-panel elements in European countries. D. Mikhanovskii. Zhil. stroi. no. 7:31-32 '62.

EUROPE—RACE

Apropos of Jan Czekanowski's answer [with summary in English] G F Debets Sov etn. no 4 119-121 Jl-Ag '62

Professor G. F Debets's evaluation of the "Lvov School" [with summary in English] J. Czekanowski Sov. etn. no. 4 106-118 Jl-Ag '62.

Some remarks on the methods of race analysis in the works of Jan Czekanowski and his school [with summary in English]. V P Alekseev, T A Trofimova, N N Cheboksarov Sov etn no 4 122-137 Jl-Ag '62.

EUROPE—STONE IMPLEMENTS

From the history of stone sickles in southeastern Europe. S N. Bibikov. Sov. arkheol 6 no 3 3-24 '62

EUROPE—TRUSTS, INDUSTRIAL

New developments in the activities of international cartels. I. Ivanov. Nov. vrem. 20 no.41:11-13 O '62.

EUROPE, EASTERN—DIVISION OF LABOR

Khrushchev, N. S. [Vital problems in the development of the world socialist system] Nasushchnye voprosy razvitiia mirovoi sotsialisticheskoi sistemy. Moskva, Gospolitizdat, 1962. 46 p.

Main path of the development of the world socialist economy Vop. ekon. no. 9:3-8 S '62.

New stage of the international socialist division of labor. V. Bobrov. Ekon. Rad. Ukr. no. 5:27-35 S-O '62.

EUROPE, EASTERN—ECONOMIC POLICY

"Planning in the socialist countries of Europe." Reviewed by R. Evstigneev. Plan. khoz. 39 no. 10:91-95 O '62.

EUROPE, EASTERN—ELECTRIC POWER DISTRIBUTION

A control panel in Prague. P. Nefed'ev. Nov. vrem. 20 no. 41:15 O '62.

EUROPE, EASTERN—FOREIGN RELATIONS—UNITED STATES

The fate of a doctrine. I. Orlik. Mezhdunar. zhizn' 9 no. 10:45-52 O '62.

EUROPE, WESTERN—COMMUNIST PARTIES

Communist parties of the European bourgeois countries in the struggle for the unity of democratic and progressive forces [with summary in English]. L. A. Nikolaeva. Vest. LGU 17 no. 17:108-117 '62.

EUROPE, WESTERN—DEFENSES

Rivalry in the aggressive bloc. IU. Mel'nikov. Mezhdunar. zhizn' 9 no. 10:37-44 O '62.

EUROPE, WESTERN—ECONOMIC POLICY

Bourgeois theories of trade blocks [with English summary in appendix]. A. Frumkin Vnesh. torg. 42 no. 9:15-24 '62

EUROPE, WESTERN—FARM PRODUCE—MARKETING

Behind the scene of Agro-Europe. I. Rukavishnikov Nov. vrem 20 no 42 9-10 O '62.

EUROPE, WESTERN—FOREIGN ECONOMIC RELATIONS—AFRICA

Imperialist Eurafrican plans [with English summary in appendix]. A. Rubinin Vnesh. torg 42 no 9 26-32 '62

EUROPE, WESTERN—FOREIGN ECONOMIC RELATIONS—UNITED STATES

Rivalry in the aggressive bloc. IU. Mel'nikov. Mezhdunar. zhizn' 9 no. 10:37-44 O '62.

EUROPE, WESTERN—GRAVITY

Some characteristics of the distribution of isostatic anomalies in the Alpine fold area of Western Europe. M. E. Artem'ev. Izv. AN SSSR. Ser. geol. 27 no. 9:58-66 S '62.

EUROPEAN COMMON MARKET see European Economic Community

EUROPEAN CORN BORER

Khomiakova, V. O. [Corn borer] Kukuruznyi motylek. Leningrad, Sel'khozizdat, 1962. 32 p. (Vrediteli i bolezni sel'skokhoziaistvennykh rastenii)
(DNAL)

EUROPEAN ECONOMIC COMMUNITY

At a political crossroad. Nov. vrem. 20 no. 43 2-3 O '62.

Behind the scene of Agro-Europe I Rukavishnikov Nov vrem 20 no. 42 9-10 O '62

"Common Market," a threat to Britain's sovereignty. K. Zilliacus. Mezhdunar. zhizn' 9 no. 10 53-57 O '62.

"Common Market" and the countries of Asia and Africa [with English summary in insert]. V Mlanikov. Az. i Afr. segg. no 9 3-5 S '62

"Common market" as a state-monopoly agreement of the financial oligarchy N S Khrushchev Vnesh torg 42 no 8 3-6 '62

"Contemporary contradictions in the West-European integration" [in Czech] by Vladislav Pavlat. Reviewed by M. Kuznetsov, N. Samgin. Mezhdunar. zhizn' 9 no. 10 124-126 O '62.

England and the Common Market; based on materials of the Communist press in Great Britain. Polit. samoobr. 6 no. 9:79-81 S '62.

Imperialist Eurafrican plans [with English summary in appendix] A Rubinin Vnesh torg 42 no 9 25-32 '62

Imperialist "integration" and international relations. V. Gantman. Kommunist 38 no. 16, 96-107 N '62.

India, Pakistan, and the "Common Market." M. Nikolaev. Az. i Afr. segg. no. 9 55-56 S '62.

Intensification of conflicts among imperialist states on the "Common Market." G F Kolmakov Uch zap MGPI 173 3-138 '61

"International economic organizations" [in German] by Hans Moeller. Reviewed by A. Shebanov. Mir. ekon. i mezhdunar. otn. no. 10:147-150 O '62.

Khrushchev, N. S. [Vital problems in the development of the world socialist system] Nasushchnye voprosy razvitiia mirovoi sotsialisticheskoi sistemy. Moskva, Gospolitizdat, 1962. 46 p.

New developments in the activities of international cartels. I. Ivanov. Nov. vrem. 20 no. 41 11-13 O '62.

Not looking into the Bible. V. Sergeev. Mir. ekon. i mezhdunar. otn. no. 10 101-105 O '62.

The unstable commonwealth. S. Madrojewski. Nov. vrem. 20 no. 10 9-11 O '62.

The workers say "No" to the "Common Market." P Pimenov Sov profsoiuzy 18 no 19 36-41 O '62

EUROPEAN ECONOMIC COMMUNITY COUNTRIES—ECONOMIC CONDITIONS

Theoretical problems in the economy of the "common market." E. Varga Mir. ekon. i mezhdunar. otn. no. 10:49-59 O '62.

EUROPEAN ECONOMIC COMMUNITY COUNTRIES—FOREIGN ECONOMIC RELATIONS—GREAT BRITAIN

The "common market" and the English labor movement. George Mathews. Kommunist 39 no. 16:108-115 N '62.

EUROPEAN ECONOMIC COMMUNITY COUNTRIES—FOREIGN ECONOMIC RELATIONS—GREECE

Facts versus illusions. V. Popov. Mir. ekon. i mezhdunar. otn. no. 10:70-72 O '62.

EUROPEAN FEDERATION

West-German revanchism and European "integration." Zdenek Fierlinger. Nov. vrem. 20 no. 40:5-8 O '62.

EUROPEAN WAR, 1914-1918—DIPLOMATIC HISTORY

Basic schools in the bourgeois historiography of the Austro-Serbian conflict and the origin of the First World War. K. B. Vinogradov. Uch zap Inst. slav. 24:109-196 '62.

EUROPIUM—ISOTOPES

Measurement of angular correlations of successive γ-transitions in the decay of Eu^{145} and Eu^{147} IU A. Aleksandrov, B Bemer Izv. AN SSSR Ser. fiz. 26 no 9:1159-1161 S '62.

Study of the Eu^{148} decay scheme. IU. A. Aleksandrov, R. Shelike. Izv AN SSSR Ser. fiz 26 no 9:1162-1163 S '62.

EVAPORATING APPLIANCES

Changes in the level of the product in vacuum evaporation apparatus with continuous action. I. G. Liberman, I. G. Molodetskii, N. M. Spinul. Koks. i khim. prom. 17 no. 10: 13-16 O '62.

EVAPORATION

Investigating the kinetics of evaporation of a polymer solution. Report No. 2. V. M. Chesunov, S S. Vasil'ev Nauch. trudy MTILP no 23:49-61 '61

Romanov, V. V. [Evaporation from swamps in the European part of the U. S. S. R.] Isparenie s bolot Evropeiskoi territorii SSSR. Leningrad, Gidrometeoizdat, 1962 227 p.

Water resources and control of evaporation from small and large rivers and lakes [with summary in English]. I. V. Egiazarov. Izv. AN Arm. SSR. Ser. tekh. nauk 15 no. 4:13-34 '62.

EVENING AND CONTINUATION SCHOOLS

(see also subdivision under Chita, Ivanovo Province, Nizhniy Tagil, Sakhalin, Tomsk Province, Troyan District, Yaroslavl)

All workers should have an education. N. F. Markelov, V. D. Riazanov. Vech. sred. shkola 5 no 3 81-83 My-Je '62

Factory workers go to school. P. S. Timenko, Z. A. Kozka. Vech. sred shkola 5 no. 3:85-86 My-Je '62.

Following the example of Chita Province. E. Teplinskina. Vech. sred. shkola 5 no. 3:23-25 My-Je '62.

Future planning. Vech sred. shkola 5 no. 3:86-88 My-Je '62.

Individual approach to students as a prerequisite for retaining of a full enrollment. P. A. Shavin Vech. sred. shkola 5 no. 3:57-60 My-Je '62.

Initiative of the Communist Youth League. A. Belousov. Vech. sred. shkola 5 no. 1 16-20 My-Jo '62.

It is not enough to bring resolutions and give instructions. A. M. Petrov Vech. sred. shkola 5 no. 3:35-37 My-Je '62.

Let's expand the help of the Communist Youth League to evening schools. R. Kurbatova, N. Mikheev. Vech. sred. shkola 5 no. 3 8-11 My-Je '62.

Objectives of the schools for rural youth. B. Orlov Nar. obr. no. 10:90-95 O '62.

Organization and methodology of teaching in the evening secondary schools. T. Nechaeva. Geog. v shkole 25 no 5:63-66 S-O '62.

Textbooks and teaching aids for evening (staggered) school students in 1962. G. N. Shapochkina, S. A. Ponomarev. Vech. sred. shkola 5 no. 3:93-94 My-Je '62.

They are working for a good cause. Iu. Dziadinchin. Vech. sred. shkola 5 no. 3 14-18 My-Je '62.

With participation of the community. V. Chorkasov. Vech. sred. shkola 5 no. 3 20-22 My-Je '62.

EVERGREENS

State of chloroplasts in the wintering leaves of evergreen plants [with summary in English]. I. I. Barskaia. Fiziol. rast. 9 no. 4 396-407 '62.

EVIDENCE, DOCUMENTARY

Fortinskii, S. P. [Legal examination of accounts] Sudebno-bukhgalterskaia ekspertiza. Moskva, Gosiurizdat, 1962. 236 p.

EVOLUTION

Concerning the formation of evolutionary ideas of A. O. Kovalevskii. P. N. Mikrofan. Trudy Inst. ist. est. i tekh. 10:263-291 '62.

EVOLUTION—CONGRESSES

Iubileinaia Darvinovskaia konferentsiia, 1960. [Transactions of the Darwin Anniversary Conference] Trudy Kishinev, Izd-vo "Shtiintsa," 1960. 389 p.

EXCAVATING MACHINERY

Automatic switching off of a rotary bucket excavator in overloading a stacker conveyer belt. A M. Vydyborets Gor. zhur. no. 9 76 S '62.

Device for measuring the performance of an excavator. M. I. Burnasov. Mekh. i avtom. proizv. 16 no. 9:13 S '62.

The UKG-4-50 excavator. Shakht. stroi. 6 no. 9:1 of cover S '62.

Energy consumed cutting ground with rotary bucket excavators. Iu. A. Vetrov, N. V Marich. Izv. vys uch zav., gor. zhur. 5 no. 8:136-141 '62.

Khamarmer, I. P. [Operator-foreman of the Stakhanov crew of the SE-3 excavator, N. P. Kachanov] N. P. Kachanov mashinist-brigadir Stakhanovskoi brigady ekskavatora SE-3. Leningrad, Gosenergoizdat, 1953. 21 p. (Novatory proizvodstva v energetike)

Multibucket trench excavator. V. P. Uspenskii, N. V Kharev, A I Sergeev. Gor. zhur. no 9:56 S '62.

Selecting the efficient operating conditions for a high-capacity rotary excavator. Iu. A. Vetrov and others. Ugol' 37 no. 9:26-29 S '62.

Walking giant. F. Golzitskii. Sov. shakh. 11 no. 10: 12-13 O '62.

EXCAVATING MACHINERY—NOISE

Limiting noise intensity in shovel excavators. A. M. Verzhitskii. Mekh. stroi. 19 no. 9:13-14 S '62.

EXCAVATION

Arrangement of non-reinforced trenches. I V. Kononov. Mont i spets. rab. v stroi. 24 no 9:27-30 S '62.

Excavator operator Pavel Zotin. N F. Gushchenko. Transp. stroi. 12 no. 8, 9 Ag '62.

Mixed excavator brigades. A Levin Na stroi Ros. 3 no 5:31-32 My '62.

EXCAVATION—SAFETY MEASURES

Baranov, L. A. [Handbook on accident prevention for the excavator] Pamiatka po tekhnike bezopasnosti dlia zemlekopa. Izd, 5., perer. Moskva, Gosstroiizdat, 1961. 14 p. (Tekhnika bezopasnosti)

EXERCISE

Automatization of "voluntary" changes in respiration. O. V. Osipova. Probl. psikhol. sporta no. 2, 170-177 '62.

"Chinese hygienic gymnastics for elderly people" by G. I. Krasnosel'skii. Reviewed by T. R. Nikitin. Zdorov'e 8 no. 9:29 S '62.

EXERCISE THERAPY

Effect of medical and morning hygienic gymnastics on the function of the gall bladder in chronic cholecystitis. L. P. Kozalovskii. Vop. kur., fizioter. i lech. fiz. kul't. 27 no. 3 205-209 My-Je '62.

Exercise therapy in the compound sanatorium treatment of pulmonary tuberculosis in children. V. N. Kritskii. Med. sestra 21 no. 8 16-20 Ag '62.

Method of exercise therapy for elderly people at health resorts. A. F. Poroshin. Vop. kur., fizioter. i lech. fiz. kul't. 27 no. 3 252-254 My-Je '62.

EXERCISE THERAPY—CONGRESSES

Problems in the therapeutic and prophylactic use of physical exercises in diseases of the organs of circulation and respiration at the All-Union Conference on Medical Control and Exercise Therapy. D. G. Matoshina, V. M. Matoshin. Vop. kur., fizioter. i lech. fiz. kul't. 27 no. 3 282-285 My-Je '62.

EXHAUSTION see Fatigue

EXISTENTIALISM

Critical evaluation of the existentialist conception of existence. IA. G. Fogelet. Vest. Mosk. un. Ser. 8. Fil. kon., filos. 17 no. 5 53-63 S-O '62.

Existentialism is the philosophy of imperialist reaction A. Mikhailov Kommun. Bel. 38 no. 9 46-54 S '62.

EXPLOSIONS

Specific hodographs for certain regions of Uzbekistan based on recordings of powerful explosions. L. M. Butovskaia and others. Izv. AN Uz. SSSR. Ser. fiz.-mat. nauk 6 no. 2:34-41 '62

EXPLOSIVES

Criteria of the shattering action of blasting. L. I. Baron, S. P. Levchik. Vzryv. delo no. 50/7 7-15 '62.

Evaluation of the shattering action of blasting. L. V. Dubnov. Vzryv. delo no. 50/7 16-20 '62

Industrial testing of a machine for charging a hole with "igdanit." D. M. Kushnarev and others. Gor. zhur. no. 9:46-47 S '62.

Main reasons for the difference between initiating and secondary explosives. K. K. Andreev. Dokl. AN SSSR 146 no. 2:413-114 S '62.

EXPLOSIVES—TESTING

Study of the shattering capacity of explosives in blasting fractured media. L. I. Baron, G. P. Lichell. Vzryv. delo no. 50/7:83-96 '62.

EXPLOSIVES IN SHEET-METAL WORK

Explosions put to work. A. Zub, V. Kinagenov. Znan.-sila 37 no. 6:4-5 Je '62

Explosive energy serves the national economy. D. A. Maistrenko. Met. i gornorud. prom. no. 1:09 Jl-Ag '62.

Use of explosive energy in metallurgy. V. G. Kononenko. Met. i gornorud. prom. no. 4 64-69 Jl-Ag '62.

EXTRACTION (CHEMISTRY)

Acceptor-donor concepts applied to extraction. A. V. Nikolaev, N. M. Sinitsyn, S. M. Shubina. Ekstr., teor., prim., app. no. 2:63-70 '62

Apparatus for a rapid determination of oiliness. A. I. Gan, B. A. Kats, A. IA. Naab. Masl.-zhir. prom. 28 no. 9:29-31 S '62.

Certain regularities of hydraulics and mass transfer in packed pulse columns. A. M. Rozen and others. Ekstr., teor., prim., app. no. 2 320-338 '62.

Chemical mechanism of extraction processes. V. I. Kuznetsov. Ekstr., teor., prim., app. no. 2, 3-18 '62.

Diffusion extraction from porous materials in the process of capillary impregnation. B. V. Deriagin, M. A. Aitshuler. Dokl. AN SSSR 146 no. 1 130-142 S '62.

Effect of oil residues in the grist on the process of solvent removal by distillation. E. I. Ivanova. Masl.-zhir. prom. 28 no. 9:13-15 S '62.

Extraction by carboxylic acids. N. M. Adamskii, S. M. Karpacheva, A. M. Rozen. Ekstr.; teor., prim., app no. 2 80-86 '62.

Extraction of electrolytes from nitric acid solutions by neutral organophosphorus solvents Calculation of distribution curves. A. S. Solovkin. Ekstr., teor., prim., app. no. 2:47-57 '62.

Extraction of metals from hydrochloric acid solutions by diisoamyl ester. M. M. Privalova, D. I. Riabchikov. Ekstr., teor., prim., app. no. 2:165-173 '62.

Extraction separation of vanadium and uranium. V. I. Kuznetsov, I. V. Serinkova. Ekstr.; teor., prim., app. no. 2:227-234 '62.

Isolation of cerium by the extraction method. G. V. Korpusov and others. Zhur. neorg. khim. 7 no. 9:2254-2261 S '62.

Mass transfer in the extraction and reextraction of uranyl nitrate in packed columns. A. M. Rozen and others. Ekstr.; teor., prim., app. no. 2:284-303 '62.

Molecular-kinetic nature of the phenomenon of salting-out. O. IA. Samoilov, V. I. Tikhomirov. Ekstr., teor., prim., app. no. 2:34-36 '62.

Problem of the extraction of fission products by mono- and dibutyl phosphates. V. B. Shevchenko, V. S. Smelov. Ekstr.; teor., prim., app. no. 2:257-263 '62.

Regularities in the extraction distribution of rare earth elements in neutral solutions. G. V. Korpusov and others. Ekstr.; teor., prim., app. no. 2:117-140 '62.

Separation of mixtures of metals by exchange extraction with carboxylic acids L. M. Gindin and others. Ekstr., teor., prim., app no. 2 87-111 '62.

Synergism in the extraction of uranyl nitrate. V. B. Shevchenko, V. S. Smelov, A. V. Strakhova. Ekstr., teor., prim., app no. 2:179-189 '62

Thermodynamics of the extraction equilibria of plutonium. A. M. Rozen, T. I. Melsenko Ekstr., teor., prim., app. no. 2 235-256 '62.

Use of a complexon in the extraction process for obtaining rare earth cerium-lutetium concentrates V. F. Liskevich, P. M. Seredenko Ekstr., teor., prim., app no. 2 112-116 '62

EXTRACTION APPARATUS

Calculation of the number of theoretical stages in the countercurrent washing of precipitates with the use of several multistage extractors A. A. Kondrat'ev, M. F. Bondarenko. Khim. prom. no. 5 603-607 Ag '62

Characteristics of the movement of the solvent in the screw extractor. IU. P. Matsuk, A. G. Neshchadim, T. A. Zamoreva. Masl.-zhir. prom. 28 no. 9 6-8 S '62.

Designing extraction columns with sieve plates (without downcomers). V. B. Tikhomirov Ekstr., teor., prim., app. no. 2 284-299 '62.

Development of new designs for jet extraction columns and the principles of the theory of the process V. V. Kafarov, N. P. Galkin, V. B. Tikhomirov. Ekstr., teor., prim., app. no. 2 339-346 '62.

Ek-350 countercurrent rotary extractor and means for increasing its efficiency. B. N. Laskorin, V. F. Smirnov, V. G. Krasov. Ekstr., teor., prim., app. no. 2:361-371 '62.

Effectiveness of pulse columns (contribution to the theory of intensified countercurrent extractors) A. M. Rozen. Ekstr., teor., prim., app no. 2 300-319 '62.

Horizontal mix-and-settle extractor. B. N. Laskorin and others. Ekstr., teor., prim., app. no. 2 347-360 '62

Methods for designing a mix-and-settle extractor. B. N. Laskorin and others. Ekstr., teor., prim., app. no. 2. 264-283 '62.

TsNII-60 centrifugal tubular superextractor for the extraction recovery of nonferrous metals. B. N. Laskorin and others. Ekstr., teor., prim., app no. 2:372-378 '62.

EXTRACTS

Automation in the production of extracts. IU. N. Slavianov, A. A. Kampe-Nemm, N. A. Filipin. Med. prom. 16 no. 5:36-40 My '62.

EXTREME UNCTION

Christian mysteries: Extreme unction. A. Ranovich. Nauka i rel. no. 6:38-50 Je '62.

EXTREMITIES (ANATOMY)—BLOOD SUPPLY

Clinical aspects of obliterating atherosclerosis of the vessels of the extremities A. I. Shishkina, G. D. Medvedovskaia Kaz. med. zhur. no. 3:14-16 My-Je '62

EXTREMITIES (ANATOMY)—SURGERY

Combined anesthesia in operations on the extremities. V. S. Balakina, N. I. Medvedeva, E. V. Gribennik Trudy Len. gos. nauch.-issl. inst. travm. i ortop. no. 8:16-24 '61.

Comparative evaluation of anesthesia methods in surgical interventions on the extremities. E. A. Tyshchuk. Trudy Len. gos. nauch.-issl. inst. travm. i ortop no. 8 25-31 '61.

Some physiological reactions to various types of anesthesia in operations on the extremities; preliminary report. E. V. Gribennik. Trudy Len. gos. nauch.-issl. inst. travm. i ortop. no. 8:32-41 '61.

EXTREMITIES (ANATOMY)—TUMORS

Clinical X-ray diagnosis of tumors of the soft tissues of the extremities. L. A. Voinov, V. G. Opanasenko, S. A. Pokrovskii. Klin. khir. no. 7:28-33 Jl '62.

EXTREMITIES, LOWER—DISEASES

Stepanova, G. G. [Arteriographic data on obliterating diseases of the arteries of the lower extremities] Dannye arteriografii pri obliteriruiushchikh zabolevaniiakh arterii nizhnikh konechnostei. Uzhgorod, Zakarpatskoe obl. knizhno-gazetnoe izd-vo, 1962. 133 p. (DNLM)

Varicose veins of the lower extremities. I. IU. Udin. Med. sestra 21 no. 8 32-36 Ag '62.

EXTRUSION (METALS)

Baranovskii, M. A., and A. M. Pavlik. [Cold extrusion of steel parts] Kholodnoe vydavlivanie stal'nykh detalei. Leningrad, 1962. 20 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia: Goriachaia i kholodnaia obrabotka metallov davleniem, no. 4)

Gus'kov, A. V. [Manufacture of shaped parts by the extrusion method in the Czechoslovak Socialist Republic; stenographic record of a lecture] Izgotovlenie fasonnykh detalei metodom vydavlivaniia v Chekhoslovatskoi Sotsialisticheskoi Respublike; stenogramma lektsii, prochitannoi v LDNTP na kratkosrochnom seminare "Shtampovka kholodnym vydavlivaniem." Leningrad, 1962. 26 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Seriia: Goriachaia i kholodnaia obrabotka metallov davleniem)

Zav'ialov, V. M., and I. E. Ubarovskii. [Introduction of closed-die coining and cold extrusion at the Leningrad Phonograph Factory] Opyt vnedreniia ob"emnoi formovki i kholodnogo vydavlivaniia na Leningradskom patefonnom zavode. Leningrad, 1962. 17 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia Goriachaia i kholodnaia obrabotka metallov davleniem, no 2)

EXUDATION (BOTANY)

(see also subdivision under Ukraine)

Ethylene hydrocarbon content of volatile excretions of plants. G. V. Poruckii, A. S. Luchko, K. I. Matkovskii. Fiziol. rast. 9 no. 4 482-485 '62.

EYE

Development of the eye of the mole (Talpa europeae L.) during the intrauterine period. Z. A. Sokolova. Vest. Mosk. un. Ser. 6. Biol., pochv. 17 no. 4 24-36 Jl-Ag '62

EYE—DISEASES AND DEFECTS

Averbakh, F. A. [Industrial medical expertise in eye diseases] Vrachebno-trudovaia ekspertiza pri glaznykh zabolevaniiakh. 2 izd. Moskva, Medgiz, 1962. 65 p. (Biblioteka prakticheskogo vracha) (DNLM)

Disorders in the development of the eye in a strain of mice with microphthalmia (mutation blind) [with summary in English]. B. V. Koniukhov, M. V. Sazhina. Zhur. ob. biol. 23 no. 4 256-264 Jl-Ag '62.

Filatov, V. P. [Selected works in four volumes] Izbrannye trudy v chetyrekh tomakh. Kiev, Izd-vo Akad. nauk USSR.
Vol. 4. 1961. 431 p.
(DNLM)

EYE—SURGERY

Filatov, V. P. [Selected works in four volumes] Izbrannye trudy v chetyrekh tomakh. Kiev, Izd-vo Akad. nauk USSR.
Vol. 4. 1961. 431 p.
(DNLM)

Simplified method for preparing cotton cigarette-shaped tampons for drying the eye during surgery. V. V. Zenkova. Med. sestra 21 no. 9, 48-49 S '62.

Temporary fixation of the eyeball using a plastic pellet. I. I. Ermolaev, M. S. Shvartsman Stomatologiia 41 no. 4 90-91 Jl-Ag '62

EYE—WOUNDS AND INJURIES

Medical first aid in eye injuries. R. F. Mortiakova. Med. sestra 21 no. 9:45-48 S '62.

FACADES

Gefner, V. M. [The OPM-1 pneumatic finishing machine; experience of the "Russkii Dizel'" Plant] Otdelochnaia pnevmaticheskaia mashinka OPM-1; opyt zavoda "Russkii dizel'." Leningrad, 1962. 17 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia: Mekhanicheskaia obrabotka, no. 19)

Some experimental studies of the creation of dies for manufacturing reinforced concrete products with facing. Z. M. Burdenkova. Trudy NIIZHB no. 27:203-212 '62.

FACE—SURGERY

Use of lyophilized cartilage in restoring the facial skeleton A. A. Grinchenko. Stomatologiia 41 no. 4 39-43 Jl-Ag '62.

FACE—WOUNDS AND INJURIES

Rare cases of injuries to the maxillofacial region inflicted by a bear. N. V. Garifulina Stomatologiia 41 no. 4 92 Jl-Ag '62.

FACIAL PARALYSIS see Paralysis, Facial

FACTORIES—DESIGN AND CONSTRUCTION

(see also subdivision under Moscow)

Aspects of the functioning of longitudinal monitors arranged along the center rows of columns of industrial buildings. A. I. Kikin, I. F. Rusakov, M. Kh. Koenman. Izv. vys. uch. zav., stroi. i arkhit. 5 no. 4, 70-74 '62.

Potentials for the growth of labor productivity in construction of synthetic fiber plants. M. Kucher, K. Abusheva. Prom. stroi. i inzh. soor. 4 no. 4 26-29 Jl-Ag '62.

FACTORIES—EQUIPMENT AND SUPPLIES

Assembly of production lines in machinery-construction plants V. D. Kariakin, IA. L. Neiman. Mont. i spets. rab. v stroi. 24 no. 8:3-5 S '62.

FACTORIES—HEATING AND VENTILATION

Efficient layout for drawing air away from type 115 and 116 mixing runners. V. P. Fomichev. Vod. i san. tekh. no. 7:26 Jl '62.

Russia (1917- R. S. F. S. R.) Glavnoe upravlenie sanitarno-tekhnicheskogo montazha. [Adjusting, control, and operation of industrial ventilation systems] Naladka, regulirovka i ekspluatatsiia sistem promyshlennoi ventiliatsii. Pod red. S. IA. Erlikhmana. Moskva, Gosstroiizdat, 1962. 655 p. (Spravochnik po spetsial'nym rabotam)

FACTORIES—LIGHTING

Glagoleva, T. A. [Natural lighting of industrial buildings] Estestvennoe osveshchenie promyshlennykh zdanii. [Moskva] Profizdat, 1961. 86 p.

FACTORS (ALGEBRA)
Factorizations of some classes of groups. G. A. Karasev. Sib. mat. zhur., 3 no. 3 378-385 My-Je '62.

FACTORY LIBRARIES
At the plant they appreciate their library. O. Ziubina. Bibliotekar' no. 10 19-20 O '62.

FACTORY MANAGEMENT
Saving heat in metal-coating shops. V. I. Kulachkov. Mashinostroitel' no. 9 15 S '62.
Some problems in the application of calculating machines for the automation of industrial processes. E. L. Urman. Prom. energ. 17 no. 10 1-5 O '62.

FAINBERG, EVSEI EFIMOVICH, 1902-
On the occasion of the 60th birthday of E. E. Fainberg. Masl.-zhir. prom. 28 no. 9 44 S '62.

FALCONS see subdivision under Badkhyz Preserve, Pamirs

FALL see Autumn

FALLOWING
Agroclimatic zoning of potato fallows [with summaries in English, German, and French]. V. M. Bellis, M. D. Zlotnikov. Vest. sel'khoz. nauki 7 no. 8, 60-64 Ag '62.
History of the study of green fallows. V. M. Bellis. Sbor. trud. asp. i mol. nauch. sotr. VIR no. 1, 422-425 '60.

FANS, MECHANICAL—ELECTROMECHANICAL ANALOGIES
Effect of natural pull on the operation of main mine fans. G. V. Shpaak. Nauch. soob. IGD no. 12 173-183 '61.

FAR EAST—CARPOSINIDAE
Comparative rate in injury in different species and varieties of fruit trees caused by the caterpillars of the peach fruitworm Carposina sasakii Mats in the Far East. N. P. Tikhonov. Sbor. trud. asp. i mol. nauch. sotr. VIR no. 1, 268-279 '60.

FAR EAST—FRUIT TREES—DISEASES AND PESTS
Comparative rate in injury in different species and varieties of fruit trees caused by the caterpillars of the peach fruitworm Carposina sasakii Mats in the Far East. N. P. Tikhonov. Sbor. trud. asp. i mol. nauch. sotr. VIR no. 1, 268-279 '60.

FAR EAST—JET STREAM
Characteristics of tropospheric jet streams over the Far East. L. A. Leskova. Trudy Dal'nevost. NIGMI no. 14: 3-29 '62.

FAR EAST—KELP
Therapeutic properties of laminaria. N. I. Pomel'tsev. Priroda 51 no. 7, 111-112 Jl '62.

FAR EAST—PETROLEUM INDUSTRY
Lisichkin, S. M. [The petroleum industry of the Near, Middle, and Far East] Neftianaia promyshlennost' stran Blizhnego, Srednego i Dal'nego Vostoka. Moskva, Gostoptekhizdat, 1962. 196 p.

FAR EAST, SOVIET see Soviet Far East

FARM BUILDINGS
(see also subdivision under Emil'chino District, Ukraine)
Economical plans for farm buildings. B. Nikandrov, B. Smolitskov. Arkhit. SSSR no. 8, 22-31 '62.
The honorable status of the rural builder carries obligations. Stil' bud. 12 no. 8 1-2 Ag '62.
Hygienic evaluation of plans and construction of collective farms in some provinces of the Russian Federation [with summary in English]. V. A. Kononova, V. B. Aksenova. Gig. i san. 26 no. 12 14-19 D '61.
Nikandrov, B. I. [Farm buildings] Sel'skokhoziaistvennye postroiki. Moskva, Sel'khozizdat, 1962. 271 p.
Peasant farmsteads in the 16th and 17th centuries. A. A. Shennikov. Arkhit. nas. 14 63-74 '62.
Use reinforced concrete products in the construction of stock buildings. I. Angelov. Stil' bud. 12 no. 8, 10 Ag '62.

FARM EQUIPMENT see subdivision under Germany, East

FARM MACHINERY see Agricultural machinery

FARM MANAGEMENT
(see also subdivision under Baraba Steppe; Saratov Province; Zilair District)
Kommunisticheskaia partiia Sovetskogo Soiuza. Vysshaia partiinaia shkola. [Economics of agricultural enterprises; textbook] Ekonomika sel'skokhoziaistvennykh predpriiatii; uchebnoe posobie. Moskva, Gospolitizdat, 1962. 510 p.

FARM MANURE see subdivision under Ukraine

FARM MECHANIZATION
(see also subdivision under Altai Territory, Krasnodar Territory; Kuban; Moscow Province, Virgin Territory; White Russia; Yakutsk Province)
Practices in the maintenance of dairy cattle under the conditions of mechanized livestock farms [with summary in English]. I. I. Lukoza, A. B. Levin. Izv. TSKHA no. 2, 57-67 '62.

FARM MECHANIZATION—STUDY AND TEACHING
Improving vocational qualifications of students. I. A. Klochkova. Vech. i zaoch. shkola 5 no. 3, 51-52 My-Je '62.

FARM PONDS
(see also subdivision under Ukraine)
Ways for reducing the costs of flood water spillways on collective farm ponds. V. S. Mineev. Trudy MIIZ no. 14, 89-95 '61.

FARM PRODUCE—MARKETING
(see also subdivision under Europe, Western)
We should lower expenditures on the marketing of vegetables. V. Veloshin. Komm. Ukr. 36 no. 9 94-96 S '62.

FARM PRODUCE—PRICES
Necessary measure. Obshchestv. pit. no. 6, 4 Je '62.

FARM PRODUCE—TRANSPORTATION
In shorter time and without losses. V. Dement'ev. Avt. transp. 40 no. 8 8-9 S '62.

FASCISM see subdivision under United States

FASHION
Fashions. Rab. i stud. 38 no. 9, 24 and 4 of cover. S '62.

FASTENINGS
Calculating butt joints formed by bolts, rivets or by welded points. V. P. Grigor'ev. Izv. vys. ucheb. zav., av. tekh. 5 no. 3, 71-78 '62.

FASTING
Reticulocytes and the erythrocyte sedimentation reaction during total fasting (without restriction of water) and subsequent alimentation in human subjects. M. L. Shapiro. Lab. delo 8 no. 8, 35-40 Ag '62.

FASTS AND FEASTS—JUDAISM
Days of fear. M. Al'tshuler. Nauka i rel. no. 9, 26-29 S '62.

FAT METABOLISM
Fat metabolism in various phases of atherosclerosis [with summary in English]. M. N. Solun. Kardiologiia 2 no. 4, 46-52 Jl-Ag '62.
Fat mobilizing factors. S. M. Leites. Terap. arkh. no. 6, 3-9 '62.

FATH 'ALI, AKHUND-ZADA, 1812-1878
Mamedov, Sh. F. [Ideology of M. F. Akhundov] Mirovozzrenie M. F. Akhundova. [Moskva] Izd-vo Mosk. univ., 1962. 260 p.
A thinker, materialist; 150th anniversary of Mirza Fatali Akhundov's birth. IA. B. IAnov. Priroda 51 no. 7, 80-89 Jl '62.

FATIGUE
Fatigability of workers in absolute darkness. V. P. Kamchatnov. Kaz. med. zhur. no. 3, 77-78 My-Je '62.

FATIGUE TESTING MACHINES
Machines for fatigue testing of metals at high temperatures. E. A. Lavrent'ev. Priborostroenie no. 8, 30-30 Ag '62.

FATTY ACIDS see Acids, Fatty

FAULTS (GEOLOGY) see subdivision under Kata-Tau; Pamirs

FAVOSITIDAE see subdivision under Siberia, Western

FEATHERS
Voitkovich, A. A. [The feather of a bird; morphology, development, niolt and neurohormonal regulation] Pero ptitsy; morfologiia, razvitie, linn'ka i neiro-gormonal'naia regulinatsiia. Moskva, Izd-vo Akad. nauk SSSR, 1962. 285 p.

FECES—ANALYSIS
Coprologic diagnosis of dicrocoeliasis. S. A. Azhinov, T. V. Ivanova. Trudy Rost. NIVS no. 12, 274-276 '60.

FEDCHENKO GLACIER
Akademiia nauk Uzbekskoi SSR, Tashkent. Institut matematiki. [Fedchenko Glacier] Lednik Fedchenko. Tashkent, Izd-vo Akad. nauk Uzbekskoi SSR. [With summary in English]
Vol. 2. 1962. 197 p.

FEDIN, KONSTANTIN ALEKSANDROVICH, 1892-
Ideological and creative characteristics of K. A. Fedin's works written during the 1920's, on his seventieth birthday. Z. N. Pal'gova. Izv. AN Kazakh. SSR, Ser. filol. i fisk. no. 2, 64-74 '62.
Ivollova, I. N. [Novels by Konstantin Aleksandrovich Fedin: First joys, Unusual summer; a lecture] Romany Konstantina Aleksandrovicha Fedina: Pervye radosti, Neobyknovennoe leto; lektsiia. Leningrad, Leningr. gos. pedagog. in-t im. A. I. Gerisena, 1961. 56 p.

FEDOROV, IVAN, d. 1583
The time of the beginning and naming of Ivan Fedorov's printing shop. B. P. Orlov. Kniga; issl. i mat. 6, 294-299 '62.

FEED MECHANISMS
Automatic feeder. I. IA. Plotnichenko. Mekh. i avtom. proizv. 16 no. 8, 19-20 Ag '62.
Vibratory drive for conveyors, feeders and other mechanisms. P. A. Sergeev. Mekh. i avtom. proizv. 16 no. 9, 39-41 S '62.

FEED-WATER PURIFICATION
Counterflow silica removal system in the cycle of chemical water desalting. A. M. Prokhorova. Teploenergetika 9 no. 10, 21-26 O '62.

FEEDING
(see also subdivision under Germany, East, Kalinin Province)
Kiev. Ukrains'ka akademiia sil's'kohospodars'kykh nauk. Uchbova chastyna. [Problems in livestock feeding, scientific papers of the Department of Livestock Feeding] Pytannia hodivli sil's'kohospodars'kykh tvaryn; naukovi pratsi kafedry hodivli sil's'kohospodars'kykh tvaryn. Kyiv, Vyd-vo Ukr. akad. sil's'kohospodars'kykh nauk, 1961. 102 p.
(DNAL)
Role of lactose in animal feeding [with summary in English]. A. I. Sokhtaev, N. A. Mukhina, M. M. Pleshchak. Izv. TSKHA no. 4, 229-232 '62.

FEEDS
Drying of the filtration mycelle mass in the production of vitaminized feed biomycin. L. V. Kochkina, Z. K. Ashkinazi. Khim. prom. no. 2, 71-73 Ap-Je '62.
Preparation of mineral briquets. I. M. Gladkov. Trudy Rost. NIVS no. 1, 304-308 '60.
Recent developments in the agricultural science in socialist countries. Vest. sel'khoz. nauki 7 no. 8, 140-141 Ag '62.
Regularities in the formation of vitamin B_{12} in the production of feed biomycins. N. IA. Lebedeva, S. V. Dobitel'. Khim. prom. no. 2, 68-71 Ap-Je '62.
Shalu, S. S. [Feeds are the decisive factor] Vse reshaiut korma. Moskva, Izd-vo "Znanie," 1962. 45 p. (Novoe v zhizni, nauke, tekhnike. V Seriia, Sel'skoe khoziaistvo, no. 16)

FEEDS—ANALYSIS
Complex determination of the good quality of concentrated feeds. E. V. Bashmakova. Trudy Rost. NIVS no. 1, 236-246 '60.

FEEDS—BIBLIOGRAPHY see Bibliography—Feeds

FEEDS—COMPOSITION
Amino acid content of feeds [with summaries in English, German, and French]. I. A. Dashkevich and others. Vest. sel'khoz. nauki 7 no. 8, 72-77 Ag '62.

FEEDS—TRANSPORTATION see subdivision under Voronezh

FEIJOA—VARIETIES
Promising varieties of feijoa sellowiana Berg. M. S. Kvaratskheliia. Sbor. trud. asp. i mol. nauch. sotr. VIR no. 1, 328-333 '60.

FELDSPAR see subdivision under Sayan Mountains

FELON (DISEASE)
Paronychia in children. L. L. Gel'dzand. Vest. derm. i ven. no. 6, 83-84 '62.

FEMORAL MUSCLE—BLOOD SUPPLY
Blood supply to femoral muscles in dogs. N. U. Amirov. Izv. AN Turk. SSR, Ser. biol. nauk no. 1, 106-107 '62.

FEMUR—FRACTURE
Biomechanical premises for the reduction of fractures of the hip in the lower third by the method of continuous traction. A. K. Malinenko. Ortbop., travm. i protez. 23 no. 6, 10-15 Je '62.
Late results of treating pseudarthrosis of the neck of the femur. Z. N. Kozhevnikova. Trudy Len. gos. nauch.-issl. inst. travm. i ortop. no. 8, 109-122 '61.
Surgical treatment of fractures of the neck of the femur by a simplified method. B. P. Ladniuk. Ortbop., travm. i protez. 23 no. 6, 69-71 Je '62.
Surgical treatment of intra-articular fractures of the neck of the femur. S. E. Nashkarov. Trudy Len. gos. nauch.-issl. inst. travm. i ortop. no. 8, 98-108 '61.
Treatment of supracondylar fractures of the femur. M. S. Zimmenskii. Ortbop., travm. i protez. 23 no. 6, 46-49 Je '62.

FENCING
Method for training the will in fencers. V. I. Fedorov. Probl. psikhol. sporta no. 2, 346-351 '62.

FEODOSIYA—CIGARETTE INDUSTRY—EQUIPMENT AND SUPPLIES
Improved cigarette dischargers. R. I. Biberman. Khar. prom. no. 2, 30 Ap-Je '62.

FEODOSIYA—FLIES—EXTERMINATION
Fly control in Feodosiya in 1959 and 1960. V. P. Okulov. Med. paraz. i paraz. bol. no. 3, 351-356 '62.

FEODOSIYA—SOVIETS
Work of a "temporary organizational and instructional department." Sov. deput. trud. no. 10, 77-78 O '62.

FERDOWSI

A valuable contribution to the treasure chest of Kazakh literature [in Kazakh with summary in Russian] R Berdibaev, M Baldildaev Vest AN Kazakh SSR 18 no 6 77-82 Je '62.

FERGANA—ANTIMONY

Antimony-mercury formation containing selenium [with summary in English]. Chzhun Tsz'a-Zhun (Chung chia-Jung). Geokhimiia no. 8 681-688 '62.

FERGANA—BITUMEN—GEOLOGY

Concerning the new finds of bituminous rocks in Paleozoic sediments of Fergana and their nature I S. Starobinets and others Uzb geol zhur 6 no 1 53-59 '62

FERGANA—GEOLOGY, STRATIGRAPHIC

Gekker, R. F., A. I. Oslpova, and T. N. Bel'skaia, [Fergana Bay of the Paleogene Sea in Central Asia, its history, sediments, fauna, flora, conditions governing their existence and development] Ferganskii zaliv paleogenovogo moria Srednei Azii, ego istoriia, osadki, fauna, flora, usloviia ikh obitaniia i razvitie. Moskva, Izd-vo Akad. nauk SSSR.
Books 1-2. 1962.

FERGANA—MERCURY

Antimony-mercury formation containing selenium [with summary in English]. Chzhun Tsz'a-Zhun (Chung chia-Jung). Geokhimiia no. 8:681-688 '62.

FERGANA—OIL RESERVOIR ENGINEERING

Extraction of oil samples from beam wells in Fergana Valley fields. G. F. Trebin, V. N. Mamuna, B. V Ul'ianinskii. Nauch tekh. sbor. po dob. nefti no. 1:62-64 '58.

FERGANA—SELENIUM

Antimony-mercury formation containing selenium [with summary in English]. Chzhun Tsz'a-Zhun (Chung chia-Jung). Geokhimiia no. 8:681-688 '62.

FERMENTATION

[Calculation of fermentation industry products, and liqueur, vodka, and nonalcoholic drinks] Raschet produktov brodil'nykh proizvodstv likero-vodochnogo i bezalkogol'nykh napitkov. [By] M. M. Korobov i dr. Kiev, Gos. izd-vo tekhn. lit-ry USSR, 1961. 258 p.

New technological flow sheets for the manufacture of wine yeast on continuous production lines. N. G. Saryshvili, G. S. Kolchanova, V. F. Semenov. Khran. prom. no. 2 8-11 Ap-Je '62.

FERMENTATION—EQUIPMENT AND SUPPLIES

Fermentation apparatus for the manufacture of feed antibiotics. P. M. Lisogor, A. U. Mamuna, Khran. prom. no. 2:49-51 Ap-Je '62.

FERMI SURFACES

Method for measuring the momentum of an electron in a metal. V. F. Gantmakher. Zhur. eksp. i teor. fiz 12 no. 5:1416-1418 My '62.

Single-particle Green function for a Fermi system with attraction and repulsion interaction [with summary in English] M. IA. Amus'ia. Zhur. eksp. i teor. fiz. 13 no. 1 297-300 Jl '62.

Studying the cross-sectional shape of the Fermi surface of tin [with summary in English] M. S. Khaikin. Zhur. eksp. i teor. fiz 43 no. 1 58-65 Jl '62.

FERNS

Spores of true ferns of the subfamily Pteridoideae Diels found in the U. S. S. R Report No. 2 Series Pteridoideae-Cheilanthinae A. N. Sladkov. Vest. Mosk. un. Ser. 6. Biol., pochv. 17 no. 4:48-59 Jl-Ag '62.

FERNS, FOSSIL see subdivision under Bashkiria

FERRATES

Evaluation of the parametric potentials of a diodeless shift register using two-opening transfluxors. S. P. Mitunov. Elektrosviaz' 16 no. 10:38-44 O '62.

Fine-dispersed nickel-zinc ferrites. A. S. Elsurovich. Trudy VNAIZ no. 9:136-145 '61.

Kobelev, V. V. [Hysteresis loops of uniaxial ferromagnetic films] Petli gisterezisa odnoosnykh ferromagnitnykh plenok. Moskva, ITM i VT AN SSSR, 1961. 63 p. (Elektronnye vychislitel'nye mashiny) [With summary in English]

Parametric excitation of spin waves in ferrates at ultrahigh frequencies. G. A. Petrakovskii, G. A. Red'kin. Izv. vys. uch. zav.; fiz. no. 4:54-61 '62.

Rabkin, L. I., S. A. Sokkin, and B. Sh Epshtein. [Technology of ferrites] Tekhnologiia ferritov Moskva, Gosenergoizdat, 1962. 358 p.

FERRATES—MAGNETIC PROPERTIES

Temperature dependence of rotational hysteresis losses in magnesium-manganese ferrates, A. I. Drokin and others. Fiz. tver. tela 4 no. 9:2203-2206 S '62.

FERROELECTRIC SUBSTANCES

Seignettoferromagnetic substances. Priroda 51 no. 9:124 S '62.

FERROELECTRIC SUBSTANCES—ELECTRIC PROPERTIES

Using the Vavilov-Cherenkov effect in measuring the dielectric permeability of ferroelectric substances. A. A. Brandt. Vest. Mosk. un. Ser 3 Fiz., astron. 17 no. 4:92 Jl-Ag '62.

FERROELECTRIC SUBSTANCES—THERMAL PROPERTIES

Temperature characteristics of ferroelectric ceramics with controlled permeability at superhigh frequencies. IU. M. Poplavko. Fiz. tver. tela 4 no 9:2606-2608 S '62.

FERROMAGNETIC RESONANCE

Ferromagnetic resonance in some ferrates in the centimeter and millimeter wave bands. D. I Mosh, A. P Ovechkin. Zhur. tekh. fiz. 32 no. 9:1115-1122 S '62.

Magnetooptical resonance in ordered alloys and the intracrystalline field of a ferromagnetic metal [with summary in English]. G. S. Krinchik, R. D. Nurullaeva. Zhur. eksp. i teor. fiz. 42 no. 6:1142-1450 Je '62.

FERROMAGNETISM

Conditions for the existence of weak ferromagnetism and the classification of weakly ferromagnetic structures [with summary in English]. E. A. Turov. Zhur. eksp. i teor. fiz. 42 no. 6:1582-1589 Je '62.

Seignettoferromagnetic substances. Priroda 51 no. 9: 121 S '62.

Spin wave theory in collective electron models. Part 1: Energy spectrum. M. I. Kurkin. Fiz. met. i metalloved. 14 no. 3:327-336 S '62.

Theory of ordered ferromagnetic alloys. Part 1. V. M. Danilenko, A. A. Smirnov. Fiz. met. i metalloved. 14 no. 3 347-347 S '62.

Theory of the surface effect in ferromagnetics in the case of a nonsinusoidal field A. Z. Veksler, N. V. Perkov Zhur. tekh. fiz. 32 no 9:1104-1114 S '62.

FERSMAN, ALEKSANDR EVGEN'EVICH, 1883-1945

How to study biographies and work of V. A. Obruchev and A. I. Fersman in a geography course. V. G. Muzafarov. Geog. v shkole 25 no. 5:73-74 S-O '62.

FERTILIZATION OF PLANTS

Biology of fertilization in the Dahurian larch in central Yakutia. L. K. Pozdniakov. Bot. zhur. 47 no. 7:1000-1006 Jl '62.

Biology of flowering and fruiting in Cornelian cherry dogwood. T. G. Belaeva. Sbor. trud. asp. i mol. nauch. sotr. VIR no. 1:259-264 '60.

Dependence of the seed yield on the color of flowers. N. I. Maliutin. Bot. zhur. 47 no. 7:1045-1046 Jl '62.

FERTILIZER INDUSTRY see subdivision under Rustavi

FERTILIZER INDUSTRY—TECHNOLOGICAL INNOVATIONS see subdivision under Gorlovka (Donets Province)

FERTILIZER SPREADERS

Machinery developed by the Northwestern Main Machinery Design Bureau. S Betin. Trakt i sel'khozmash. 32 no 10 37-38 O '62.

FERTILIZERS AND MANURES
(see also subdivision under Armenia; Vietnam)

Chlorine-free potassium fertilizers. K. P. Magnitskii. Priroda 51 no 7:61-67 Jl '62

Comparative evaluation of compound and simple fertilizers for light and sandy soils [with summary in English]. A. V. Petterburgskii, IU. P. Utenyshev. Izv. TSKHA no. 3:79-82 '62.

Content and composition of humus in continuously fertilized soils, in crop rotation and monoculture [with summary in English]. V. E. Egorov, A. M. Lykov. Izv. TSKHA no. 3:56-77 '62.

Effectiveness of liming old soils fertilized for a long time [with summary in English]. V. E. Egorov, B. A. Dospekhov. Izv. TSKHA no. 3:7-21 '62.

Methods of studying the topic "Mineral fertilizers." L. A. Korobelnikova Khim. v shkole 17 no. 5:24-32 S-O '62.

Vol'fkovich, S. I. [Scientific research work on the technology of phosphorus fertilizers and sulfuric acid carried out from 1958-1961 and immediate tasks of research; report to the All-Union Branch Conference of Workers in the Sulfuric acid and Phosphorus Fertilizer Industries] Nauchno-issledovatel'skie raboty po tekhnologii fosfornykh udobrenii i sernoi kisloty, provedennye v 1958-1961 gg., i ocherednye zadachi issledovanii; doklad na Vsesoiuznom otraslevom soveshchanii rabotnikov promyshlennosti sernoi kisloty i fosfornykh udobrenii 23 avgusta 1961 g. v Rige. Moskva, [Laboratoriia nauchno-tekhn. informatsii] 1961. 23 p

FERTILIZERS AND MANURES—CONGRESSES

Economic basis of the efficient use of fertilizers. Z. Kanskaia. Vop. ekon. no. 9:151-155 S '62.

Scientific conference on mineral fertilizers. V. L. Varshavskii. Khim. prom. no. 7,544 Jl '62.

FERTILIZERS AND MANURES—STORAGE

Improved manure reservoir. V. Matusevych. Sil'. bud. 12 no. 9:15-16 Ag '62.

FETUS

Characteristics of the methods and technique for studying blood group differentiation in human fetuses. M. A. Bronnikova and others. Sud.-med. ekspert 5 no. 3, 30-34 Jl-S '62.

Labor involving giant fetuses. V. L. Lapidus Vop. okh. mat. i det 7 no. 8, 53-57 Ag '62.

FETUS, DEATH OF

Causes of death of the fetus and the newborn, from materials of the second All-Union Conference of Pathoanatomists, January 22-26, 1962 in Minsk G. G. Nepriakhin. Kaz. med. zhur no. 3 98-99 My-Je '62.

Vacuum extractor in controlling intra- and postnatal fetal death. L. D. Likhtman. Kaz. med. zhur. no. 3 88-89 My-Je '62.

FEUDALISM
(see also subdivision under Byzantine Empire)

Production relations under feudalism. V. Kovalevskii. Vop. ekon. no. 9:134-138 S '62.

FIBER GLASS see Glass fibers

FIBRINOLYSINS

Initial experience with the treatment of thrombosis using a Soviet fibrinolysin [with summary in English]. L. I. Chazov, G. V. Andreenko. Kardiologiia 2 no. 4:50-61 Jl-Ag '62.

FIBULA—FRACTURE

Diaphyseal fractures of the bones of the shin and their treatment. N. I. Medvedeva. Trudy Len. gos. nauch.-issl. inst. travm. i ortop. no. 8 89-97 '61.

FIELD CROPS
(see also subdivision under Rovno Province, Ukraine, Volyn' Province)

[Agriculture abroad: Plant culture] Sel'. khoz. za rub.: Rast. 8 no 8 '62.
(DNAL)

Production of plant proteins [with summary in English]. N. A. Maisurian. Izv. TSKHA no. 2 7-18 '62.

FIELD EMISSION

Concerning the role of the space charge in drawing off high-density field emission currents. V. A. Gorbkov, M. I. Elinson, V. B. Sandomirskii Radiotekh. i elektron. 7 no 9 1495-1500 S '62

Concerning V. A. Gorbkov's article "The first symposium on field emission" G. N. Shuppe, A. S. Kompaneets. Radiotekh. i elektron. 7 no 9 1686 S '62.

Effect of various coatings on the nature of phenomena preceding the destruction of tungsten emitters by impulses of high-density field emission current I. I. Sokol'skaia, G. N. Fursei Radiotekh. i elektron. 7 no 9 1194-1194 S '62

Field emission cathodes based on metal-like high-melting compounds M. I. Elinson, G. A. Kudintseva. Radiotekh. i elektron. 7 no 9 1511-1518 S '62

Field emission of Au-Ba layers IU. V. Zubenko, I. L. Sokol'skaia Radiotekh. i elektron. 7 no 9 1467-1474 S '62

Reply to G. N. Shuppe's and A. S. Kompaneits letter to the editor concerning V. A. Gorbkov's article "The first symposium on field emission" M. I. Elinson and others Radiotekh. i elektron. 7 no 9 1686-1688 S '62.

Study of effects preceding the destruction of tungsten emitters by the impulses of high-density field emission current I. L. Sokol'skaia, G. N. Fursei Radiotekh. i elektron. 7 no 9:1174-1483 S '62

Theoretical and experimental study of pre-arc field emission effects V. A. Gorbkov, M. I. Elinson, G. D. IAkovleva Radiotekh. i elektron. 7 no 9 1501-1510 S '62

FIELD FORTIFICATION see Fortification, Field

FIELD MICE
(see also subdivision under Oka Terrace Preserve)

Correlation of individual dimensions of the skull in the red vole Clethrionomys glareolus Schreb [with summary in English] O. L. Rossolimo. Zool. zhur. 41 no. 8, 1267-1269 Ag '62.

FIELD THEORY

Dressed operators and the commutativity condition [with summary in English]. V. P. Gachok. Zhur. eksp. i teor. fiz. 42 no. 5:1225-1232 My '62.

Dynamic resonances in solutions to the Low equation for certain field theory models [with summary in English] B. M. Barbashov Zhur eksp i teor. fiz 43 no. 1 105-111 Jl '62.

Motion of an electron in mutually opposed inhomogeneous electric and magnetic fields. A. M. Rezikian, G. G. Bakhshian. Izv. AN Arm. SSR, Ser. fiz.-mat. nauk 15 no. 3: 107-114 '62.

FIELD WORK (EDUCATIONAL METHOD) see subdivision under Azerbaijan

FIELDS, ALGEBRAIC

Equivalence of two ideals of an algebraic field of n-th order. K. K. Billevich. Mat. sbor. 58 no. 1:17-26 S '62.

On the number of classes. A. I. Vinogradov. Dokl. AN SSSR 146 no. 2:274-276 S '62.

FIG see subdivision under Calcutta

FILMSTRIPS
Filmstrips on Lipetsk Province. I. V. Shipulin. Geog. v shkole 25 no. 5:59-61 S-O '62.

FILTERS AND FILTRATION
Filtering ceramics made of substances based on wastes from asbestos-dressing plants. M. A. Matveev, K. A. Smirnova, V. F. Ustinova. Stek. i ker. 19 no. 8:28-32 Ag '62.

Filtration of sugar juices with disk filters. V. A. Zambrovskii. Khar. prom. no. 2:40-48 Ap-Je '62.

Increasing the operative efficiency of vacuum filters in the coal preparation branch of the Yenakiyevo Coke and Chemical Plant. I. T. Kotov, A. A. Bezverkhii, L. I. Berdichevskii. Ugol' Ukr. 6 no. 9:15-17 S '62.

Prolonged-action hermetic hose filter. G. A. Voroshilov. Biul. tekh.-ekon. inform. Gos. nauch.-issl. inst. nauch. i tekh. inform. no. 9:23-25 '62.

FINANCE
(see also subdivision under Ghana; Iran; Khabarovsk Territory; Kostroma; Lugansk Province; Uzbekistan)

[Economics and finance of socialist enterprises] Ekonomika i finansy sotsialisticheskikh predpriiatii. Moskva, Gosfinizdat, 1962. 404 p.

[Financial practice in industry, from the work practice of enterprises and regional economic councils] Finansovaia rabota v promyshlennosti, iz opyta raboty predpriiatii i sovnarkhozov. Moskva, Gosfinizdat, 1962. 166 p.

For the further improvement of the administrative apparatus. M. Kuzin. Fin. SSSR 23 no. 9:8-15 S '62.

In the Collegium of the Ministry of Finance of the U.S.S.R. Fin. SSSR 23 no. 9:93-95 S '62.

International monetary and financial organizations. G. Prokopenko. Den. i kred. 20 no. 8:76-84 Ag '62.

There is a need for creative initiative. V. Sorokin. Fin. SSSR 23 no. 9:62-64 S '62.

Trakhtenberg, I. A. [Currency circulation and credit under capitalism] Denezhnoe obrashchenie i kredit pri kapitalizme. Moskva, Izd-vo Akad. nauk SSR, 1962. 779 p.

V. I. Lenin on practicing economy and business accounting. F. Matveev. Bukhg. uchet 18 no. 7:1-8 Jl '62.

FINANCE—DICTIONARIES
"Financial and credit dictionary." Vol. 1. Reviewed by M. I. Antonova and others. Fin. SSSR 23 no. 9:89-92 S '62.

FINCHES see subdivision under Galapagos Islands

FINISHES AND FINISHING
Use of polymer water dispersions for kid leather reinforcement. K. M. Zorabian. Kozh.-obuv. prom. 4 no. 9:20-24 S '62.

FINLAND—CORROSION AND ANTICORROSIVES
Anticorrosion work in Finland. V. V. Kopelin, N. M. Pashonov. Mont. i spets. rab. v strol. 24 no. 9:22-25 S '62.

FINLAND—FOREIGN RELATIONS—RUSSIA
An example of good-neighbor relations. A. Baltin. Nov. vrem. 20 no. 41:14 O '62.

FINLAND—HYDROELECTRIC POWER STATIONS
Mechanical passage of timber through a hydraulic development. A. I. Vasil'ev. Gidr. stroi. 32 no. 8:51-52 Ag '62.

FINLAND—LUMBER—TRANSPORTATION
Mechanical passage of timber through a hydraulic development. A. F. Vasil'ev. Gidr. stroi. 32 no. 8:51-52 Ag '62.

FINLAND—SWAMPS
"Regional classification of northern Finnish swamps" [in German] by R. Ruuhijarvi. Reviewed by T. K. Birkovskaia. Bot. zhur. 47 no. 7:1048-1049 Jl '62.

FINLAND, GULF OF—HERRING FISHERIES
Baltic herring fisheries in the Gulf of Finland. A. F. Bondarenko. Ryb. khoz. 38 no. 7:16-17 '62.

FIREBRICK
Burning firebrick for glass furnaces. I. P. TSibin. Ogneupory 27 no. 10:437-439 '62.

Burning of lightweight dinas brick in tunnel kilns. S. S. Rovkun, I. M. Danchuk, L. N. Bogoslovskaia. Ogneupory 27 no. 8:351-355 '62.

Magnesite brick with a spinel bond for the walls of high capacity electric arc furnaces. V. A. Bron and others. Ogneupory 27 no. 8:345-350 '62.

FIREBRICK—STANDARDS
Standards on runner and stopper tube refractories. G. G. Aristov. Ogneupory 27 no. 10:453-456 '62.

FIREBRICK—TRANSPORTATION
Brick transportation in containers. L. A. Rakin. Ogneupory 27 no. 10:477-478 '62.

FIRECLAY see subdivision under Tumanyan

FIRST AID IN ILLNESS AND INJURY
Medical first aid in eye injuries. R. F. Mortiakova. Med. sestra 21 no. 9:45-48 S '62.

Some problems in the organization of emergency otorhinolaryngological aid. M. I. Volfkovich. Vest. otorin. no. 5:1-9 '62.

FISH, CANNED see subdivision under Ukraine

FISH, CANNED—STANDARDS
[Fish canning and preserving] Konservy i preservy rybnye. Izd. offitsial'noe. Moskva, Standartgiz, 1962. 345 p. (SSSR. Gosudarstvennye standarty)

FISH, FROZEN—STANDARDS
New standard for frozen fish. S. I. Gakichko. Ryb. khoz. 38 no. 8:66-68 '62.

FISH, SALT
Effect of salting and keeping salmon in brine on its weight. E. A. Nasedkina. Ryb. khoz. 38 no. 7:67-69 '62.

FISH, SMOKED
Cancerogenic substances in food products [with summary in English]. P. P. Dikun. Trudy Inst. onk. AMN SSSR no. 1:139-151 '62.

FISH CULTURE
(see also subdivision under China)
Using Kazanskii's water-jet apparatus in the incubation of whitefish eggs. V. I. Ampilova. Ryb. khoz. 38 no. 7:24-26 '62.

FISH MEAL—ANALYSIS
Vitamin content of fish and whale meal. V. I. Preobrazhova. Ryb. khoz. 38 no. 7:70-73 '62.

FISH PROCESSING PLANTS
(see also subdivision under Baltic States; Ventspils)
Standard designs for smoking plants. A. P. Krestov. Ryb. khoz. 38 no. 7:56-59 '62.

FISH PROCESSING PLANTS—EQUIPMENT AND SUPPLIES
(see also subdivision under Ukraine)
The ChB-1 drum with PS-1 bucket hoist for fish scale removal. A. I. Ivanenko. Khar. prom. no. 2:51-53 Ap-Je '62.

Conveyer for processing fish. Ryb. khoz. 38 no. 7:92-94 '62.

Cooler for fried fish and other food products. M. I. Ilk. Ryb. khoz. 38 no. 7:63-66 '62.

Machine for flouring fish. V. T. Bokhanov. Ryb. khoz. 38 no. 7:61-62 '62.

Machine for washing boxes. Ryb. khoz. 38 no. 8:92-94 '62.

Use of glass piping in fish canneries. M. S. Usach. Ryb. khoz. 38 no. 8:72-74 '62.

FISHERIES
(see also subdivision under Ust-Kamenogorsk Reservoir; White Russia)
Brief news. Ryb. khoz. 38 no. 7:84 '62.

Make better use of the fish resources of seas and oceans. Ryb. khoz. 38 no. 7-7-9 '62.

Measures for increasing fish catches and the output of fishery products. Ryb. khoz. 38 no. 7:3-6 '62.

Militant objectives of workers in the fishing industry of the Soviet Union. Ryb. khoz. 38 no. 8:3-7 '62.

New fishery resources. Ryb. khoz. 38 no. 7:10-24 '62.

FISHERIES—BIBLIOGRAPHY see Bibliography—Fisheries

FISHERIES—ECONOMIC ASPECTS see subdivision under Kurile Islands; Sakhalin

FISHERY LAW AND LEGISLATION
(see also subdivision under Atlantic Ocean)
In the Permanent Commission of the International Fishing Convention. Ryb. khoz. 38 no. 8:84 '62.

FISHERY PRODUCTS see subdivision under Japan

FISHERY PRODUCTS—PRESERVATION
[Fish canning and preserving] Konservy i preservy rybnye. Izd. offitsial'noe. Moskva, Standartgiz, 1962. 345 p. (SSSR. Gosudarstvennye standarty)

Use of sorbic acid for the processing of cold-smoked herrings. G. K. Kovalichuk, N. F. Moskalenko, V. V. Limanskyi. Khar. prom. no. 2:65-67 Ap-Je '62.

FISHES
(see also subdivision under Kuybyshev Reservoir; Okhotsk, Sea of)
Wonderful fishes. S. Shachkov. Znan.-sila 37 no. 7:30-31 Jl '62.

FISHES—PARASITES see Parasites—Fishes

FISHES—PHYSIOLOGY
Karzinkin, G. S. [Use of radioactive isotopes in fisheries] Ispol'zovanie radioaktivnykh izotopov v rybnom khoziaistve. Moskva, Pishchepromizdat, 1962. 69 p.

FISHES, FOSSIL see subdivision under Carpathian Mountains; Kara-Tau

FISHING—IMPLEMENTS AND APPLIANCES
Modern tools of an ancient profession. S. Giul'badamov. Tekh. mol. 30 no. 9:36 '62.

FISHING BOATS
Basic problems in building automated trawlers. G. B. Pivovarov, I. A. Gusev. Ryb. khoz. 38 no. 7:34-36 '62.

Fishing refrigerator trawler "Tropik." N. I. Borisov. Ryb. khoz. 38 no. 8:42-44 '62.

For further technological development of the fishing fleet. Ryb. khoz. 38 no. 8:8-11 '62.

Hydraulic conveyer on the refrigerator ship "Neva." I. A. Smirnov. Ryb. khoz. 38 no. 8:62-64 '62.

Independent medium-size fishing refrigerator trawler. G. P. Dubskii. Mashinostroenie no. 4:117-119 Jl-Ag '62.

FISHING BOATS—MAINTENANCE AND REPAIR
Follow the example of the engine-room attendants of the SRT type ship "Izhora." V. D. Alisonov, I. I. Korolev. Ryb. khoz. 36 no. 8:9-11 '62.

How to mechanize the reseating of valves in the engines of fishing boats. S. I. Frenkel'. Ryb. khoz. 38 no. 8:66 '62.

FISHING NETS
(see also subdivision under Temryuk)
Mechanization of hauling and stowing purse seines. V. N. Gurenko. Ryb. khoz. 38 no. 8:52-60 '62.

Questions and answers. Ryb. khoz. 38 no. 7:85-86 '62.

FISSION PRODUCTS
Problem of the extraction of fission products by monoand dibutyl phosphates. V. B. Shevchenko, V. S. Smelov. Trudy... tekh., teor., prikl., upp. no. 2:257-263 '62.

FISTULA
Case history of evagination of the intestines through a small intestine fistula. M. A. Gromplonov. Klin. khir. no. 6:78-79 Jl '62.

Use of cerebrospinal fluid drains in the removal of tumors from the ponto-cranial fossa. B. A. Samotokin. Vop. neirokhir. no. 4:43-45 '62.

X-ray therapy of postoperative duodenal fistulae. O. V. Mikhailova, B. I. Smetanin. Kaz. med. zhur. no. 4:60-61 My-Je '62.

FISTULA, ARTERIOVENOUS
Alloplasty in the treatment of traumatic aneurysms. G. L. Ratner. Ortbop., travm. i protez. 23 no. 6:36-39 Je '62.

The most rational method for the surgical treatment of carotid-cavernous anastomosis. A. A. Shlykov. Vop. neirokhir. no. 4:12-16 '62.

FLAME
Burning multicomponent gas mixtures in a turbulent flame. S. I. Averin, I. D. Semikin. Izv. vys. uchob. zav., chern. met. 5 no. 8:158-160 '62.

FLAME HARDENING
Investigating the phenomena of the oxidation of wheel steel during its heating for hardening purposes. N. M. Tulin, V. V. Tregubov, S. A. Rukavishnikov. Izv. vys. uchob. zav., chern. met. 5 no. 8:170-171 '62.

FLAME PHOTOMETRY
Changes in the sodium in the blood plasma and urine in acute myocardial infarct (flame photometry). V. A. Borisov. Terap. arkh. no. 6:103-107 '62.

Method for determining calcium in the blood plasma by means of flame photometry. L. F. Grekh, L. A. Bogatikov. Lab. delo 8 no. 8:15-18 Ag '62.

FLAVONE
Synthetic investigations in the field of flavonoids. Part 1. Synthesis of 3-hydroxyflavone or flavonol. M. N. Shakhova and others. Zhur. ob. khim. 32 no. 9:2832-2841 S '62.

FLAX
(see also subdivision under Polesye; Tolochin District; Ukraine)
Effect of growing conditions on the development of economically valuable characters in flax. R. V. Zaitseva. Shor. trud. asp. i mol. nauch. sotr. VIR no. 1:200-207 '60.

Intermediate flax, a double-purpose crop. I. M. Rybakov. Shor. trud. asp. i mol. nauch. sotr. VIR no. 1:207-212 '60.

FLAX—FERTILIZERS AND MANURES see subdivision under Polesye

FLAX—HARVESTING see subdivision under Ukraine

FLAX—VARIETIES see subdivision under Polesye

FLAX INDUSTRY see subdivision under Orsha

FLAXSEED
Fertilizing wide-row flaxseed fields. T. O. Buntush. Nauk. pratsi Ukr. nauk.-dosl. inst. zem. 11:33-30 '61.

FLEAS see subdivision under Nebit-Dag

FLEAS AS CARRIERS OF DISEASE see subdivision under Azerbaijan

FLEXURE
Method for integrating equations of the bending of a spherical shell subjected to axisymmetric loading. I. S. Akhmed'ianov. Izv. vys. uchob. zav.; av. tekh. 5 no. 3:62-70 '62.

FLIES—EXTERMINATION
(see also subdivision under Feodosiya)
Use of new insecticides in controlling synanthropic flies in nonisolated sectors. P. K. Doluchenko and others. Med. parazit. i parazit. bol no 3 456-459 '62

FLIGHT ENGINEERS
One hundred times around the world. I. Lyd Belarus' 19 no 8,16 Ag '62

FLIGHT TRAINING
Training for flights with shifting crews. L. Krasnikov. Grazhd. av. 12 no. 11 28-29 N '55

FLOOD LANDS see Alluvial lands

FLOODS
Determination of the standard parameters of a log-probability distribution curve from three supporting ordinates. G. A. Alekseev. Trudy GGI no. 99 261-273 '62.

FLOOR COVERINGS
Hygienic evaluation of floor covering made of plastic materials. K. I. Stankevich. Gig. i san. 26 no. 12 81-82 D '61.
Mastics for gluing floor-covering materials. G. Gol'dberg, A. Romanov. Na stroi. Ros. 3 no 4 28-29 Ap '62.
Romanova, L. A. [Asbestos-resin tiles] Asbestosmolianye plitki. Moskva, Gosstroiizdat, 1962. 136 p. (Novye stroitel'nye materialy)

FLOORS—TESTING
Determining the wearability and deformability of floor materials under local compression, excluded are natural stone, ceramics, and concrete with stone aggregates. O. E. Pflaumer. Stroi. mat. 8 no. 6 33-34 Ag '62.

FLOORS, CONCRETE
Efficient method of manufacturing flooring by concreting combines. I. Sleptsov. Na stroi. Ros. 3 no. 4 34-35 Ap '62.

FLOTATION
(see also subdivision under Aktyubinsk region)
Differential flotation as a way of dressing ores. N. F. Meshcheriakov. Gor. zhur. no. 9 59-64 S '62
Effect of sulfuric acid on the flotation of beryl with sodium oleate. K. A. Razumov, Sin Wei-chzhun [Hsing Wei-chung] Izv. vys. uch. zav., gor. zhur. 5 no. 9 178-181 '62
Outlook for introducing the flotation of ferrous metal ores. N. P. Titkov and others. Gor. zhur. no. 9 57-62 S '62

FLOUR MILLS
(see also subdivision under Udmurt A. S. S. R.)
State and possible development of the flour milling industry. M. Nezlobin. Mul.-elev. prom. 28 no. 7 20-21 Jl '62.

FLOW OF WATER see Hydraulics

FLOWERS
(see also subdivision under Virgin Territory)
Verzilin, N. M., and V. A. Rozhdestvenskii. [Garden flowers] TSvety iz sada. Leningrad, Detgiz, 1962 75 p.

FLOWMETERS
Remote depth discharge meter. A. D. Dinkel', N. M. Litsyn. Biul. tekh.-ekon. inform. Gos. nauch.-issl. inst. [illegible] no. 9 20-21 '62.

Fractional composition of particles entrained from a fluidized bed. M. I. Fridland. Khim. i tekh. topl. i masel 7 no 7 53-57 Jl '62

FLUORESCENCE
Fluorescence of chelate compounds of cations. P. A. Rozhevolnov, G. V. Serebriakova. Opt. i spektr. 13 no. 3 390-395 S '62.

FLUORESCENT LAMPS
Engineering and economic comparisons of the start regulating equipment of fluorescent lamps. S. Iu. Maskina Svetotekhnika 8 no 10-16-20 O '62.

FLUORESCENT LIGHTING
A differential current transformer for measurements in fluorescent lamp high-speed ignition networks. A. L. Vasserman, N. A. Roshchina Svetotekhnika 8 no. 10 25-27 O '62

FLUORIDES
Melting diagrams of the ternary systems consisting of calcium, strontium, sodium, and potassium fluorides. G. A. Bukhalova, V. T. Berezinskaia, Z. A. Mateiko Zhur neorg. khim. 7 no 9 2234-2236 S '62

FLUORINE
Absorption cross-section of 6.6 Mev. protons by F 19 nuclei. S. S. Vasil'ev, E. A. Romanovskii, G. F. Timushev. Vest. Mosk. un. Ser. 3: Fiz., astron. 17 no. 4 91 Jl-Ag '62.

FLUORINE—TOXICOLOGY see subdivision under Kalinin

FLUORITE see subdivision under Transbaikalia

FLUOROCARBONS
Parnov, E. I. [Invulnerable materials] Neulazvimye materialy. [Moskva] Mosk. rabochii, 1962. 53 p.

FLUOROSCOPIC DIAGNOSIS see Diagnosis, Fluoroscopic

FLUX (METALLURGY)
AN-16 flux for the hard facing of high-manganese G13 steel. I. N. Morozovskaia. Avtom. svar. 15 no. 9 22-26 S '62.
Effect of sodium oxide on the tension of a silicate melt at the boundary between gas and metal. S. I. Popel', A. A. Deribin, G. F. Konovalov. Izv. vys. ucheb. zav., chern. met. 5 no. 8 5-8 '62.
Interface tension of welding fluxes and its effect on the adhesion of the slag scale. S. B. IAkobashvili. Avtom. svar. 15 no. 9 17-19 S '62

FOLDS (GEOLOGY) see subdivision under Dzhezkazgan Depression, Tengiz Depression

FOLK LITERATURE
Activities of the Department of Folk Literature of the Institute of Russian Language of the Academy of Sciences of the U. S. S. R. B. Putilov. Nar. tvor. ta etn. 6 no. 1 146-148 Ja-Mr '62.

FOLK LITERATURE, COSSAK
A conference on the folk literature of the Don Valley Cossaks. S. I. Dmitrieva Sov. etn. no 4 185-187 Jl-Ag '62.

FOLK MUSIC, HUNGARIAN—HISTORY AND CRITICISM
Kodály, Zoltán. [Hungarian folk music. Translated from the Hungarian] Vengerskaia narodnaia muzyka. [Budapest] Izd-vo Korvina [1961] 106 p.

FOLK POETRY, UKRAINIAN
Olekса Dovbush in folk poetry. M. V. Guts', M. M. Paziuk. Nar. tvor. ta etn. 6 no. 1 98-103 Ja-Mr '62.

llovich Ponomarev's folklore and ethnography. P. G. Shirineva. Izv. Vses. geog. ob-va 1-347 Jl-Ag '62.

BULGARIAN—HISTORY AND CRITICISM
ko Kral' in Bulgarian folk songs. N. I. Lit. slav. nar. no 7 141-177 '62

UKRAINIAN
editor. I. Zlotnik, M. Lysenko. Nar. tvor.), 1: 156-157 Ja-Mr '62.
," Rybor Niakhai. Belarus' 19 no. 9: 18

nge among the peoples of the world" by Sudi'lin. Reviewed by F. Pogrebennik. Nar. 6 no. 1: 134-137 Ja-Mr '62.

bdivision under Siberia)
ns in contemporary studies of the folklore s of the U. S. S. R. V. M. Sidel'nikov. Nar. 6 no. 1: 14-24 Ja-Mr '62.

BULGARIAN
klore" [in Bulgarian] by P. Dienkov. Re- I. I. Smirnov. Lit. slav. nar. no. 7: 206-

FOLKLORE, EGYPTIAN
Katsnel'son, I. S., comp. [The Pharaon Cheops and the magician, tales, narratives, and precepts of ancient Egypt. Translated from the ancient Egyptian] Faraon Khufu i charodei, skazki, povesti, pouchenia Drevnego Egipta. Moskva, Goslitizdat, 1958. 261 p. illus. (MH)

FOLKLORE, GERMAN see subdivision under Mecklenburg

FOLKLORE, TURKIC
Present-day folklore of the Turkic peoples in the Soviet Union. B. A. Karlycv Nar. tvor. ta etn. 6 no. 1 38-41 Ja-Mr '62.

FOLKLORE, UKRAINIAN
Folklore elements in present-day Ukrainian drama. I. I. Baraban. Nar. tvor. ta etn. 6 no. 1: 80-91 Ja-Mr '62.
"Live and learn; Ukrainian folk wisdom." Reviewed by IA. Solodchenko. Nar. tvor. ta etn. 6 no. 1: 133-134 Ja-Mr '62.
Oral folk tradition and the mass popular literature. A. K. Moreeva, O. L. Lesyn Nar. tvor. ta etn. 6 no. 1: 31-37 Ja-Mr '62.
Ratushnyi, M. IA. [Inexhaustible treasure chest; third meeting of grades 7-8] Nevycherpna skarbnytsia, III shkodynka VII-VIII klasy. Kyiv, Dytvydav, 1962 74 p. (Znai, umii, zroby)
Ukrainian folklore and M. V. Gogol's satire. M. M. Radetskaia. Nar. tvor. ta etn. 6 no. 1: 71-78 Ja-Mr '62.

FOLKLORE STUDIES
(see also subdivision under Bukovina; Bulgaria; Europe, United States)
The state and tasks of Soviet folklore studies in the light of the resolutions of the 22d Congress of the CPSU. M. T. Rylʹskyi. Nar. tvor. ta etn. 6 no. 1: 4-13 Ja-Mr '62.

FOMIN, S. F.
Detached attributives and appositives. N. P. Petrov. Uch. zap. ChNII no. 21, 269-281 '62.
Unjoined adjunct; notes on the syntax of S. F. Fomin's literary works. N. P. Petrov. Uch. zap. ChNII no. 21: 260-268 '62.

FOMINA, IRINA ALEKSEEVNA
Irina Alekseevna Fomina. Med. sestra 21 no. 9: 61 S '62.

FOOD
Do incompatible products exist? P. L. Isaev. Zdorov'e 8 no. 9: 12-13 S '62.

FOOD—ANALYSIS
Changes in the chemical composition of vegetables in the production of powders with a spray dryer. M. P. Grigorash. Kons. i ov. prom. 17 no. 10, 10-12 O '62.
Rapid determination of the amount of fat in food products. G. Lovacheva. Obshchestv. pit. no 6, 35-36 Je '62.

FOOD—PRESERVATION
Scientific interuniversity conference on the thermal methods of food product processing. K. I. Danylov. Khim. prom. no. 2: 88-89 Ap-Je '62.

FOOD—SANITATION
Synthetic detergents in the food industry. E. A. Rubanovich, A. L. Shtenberg, S. V. Genel'. Gig. i san. 26 no. 12 69-72 D '61.

FOOD, CANNED—CONTAINERS
Selecting the optimum pressure of the detergent spray for washing glass containers. P. R. Diro, A. S. Zhvalevskyi. Khar. prom. no. 2 81-83 Ap-Je '62.

FOOD, CANNED—STANDARDS
[Meat and canned meat] Miaso i konservy miasnye. Izd. ofitsial'noe. Moskva, Standartgiz, 1962. 432 p. (SSSR, Gosudarstvennyo standarty)

FOOD, CONCENTRATED
Automatic lines for the preparation of concentrated dry food for infant feeding. V. A. Vulikhman, P. L. Shteinberg. Khar. prom. no. 2: 11-13 Ap-Je '62.

FOOD ADULTERATION AND INSPECTION see subdivision under Italy

FOOD ALLERGY
Allergic reaction of the ear to tomatoes. S. N. Golubeva. Vest. otorin. no. 5: 80-81 '62.

FOOD INDUSTRY
(see also subdivision under Ukraine)
Give more attention to those who work and study. D. T. Protasov. Masl.-zhir. prom. 28 no. 9: 40-41 S '62.

FOOD INDUSTRY—BIBLIOGRAPHY see Bibliography—Food industry

FOOD INDUSTRY—FIRES AND FIRE PREVENTION
Leviteskii, K. I. [Safety engineering and fire prevention techniques in public food service enterprises] Tekhnika bezopasnosti i protivopozharnaia tekhnika v predpriiatiiakh obshchestvennogo pitaniia. Izd. 2., perer. i dop. Moskva, Gostorgizdat, 1962. 157 p.

FOOD POISONING

Zverev, E. I. [Dysentery, food toxinfections and intestinal invasions] Dizenteriia, pishchevye toksiko-infektsii i kishechnye invazii Pod red. i s predisl. K. V. Bunina Moskva, Medgiz, 1962. 262 p.

FOOD SUPPLY

Inspector and assistant IA. Batishchev Sov. shakht. 11 no. 9 33 S '62

FOOT—FRACTURE

X-ray observations of the healing of closed fractures of the tubular bones of the foot. G. K. Maslovskii. Trudy Len. gos. nauch.-issl. inst. travm. i ortop. no. 8 130-140 '61.

FOOT-AND-MOUTH DISEASE

Economic loss from foot-and-mouth disease in farm animals V. I. Afanas'ev. Trudy Rost. NIVS no. 12:298-300 '60.

Results of studying the effectiveness of various methods for obtaining gamma globulin against foot-and-mouth diseases. Vestn. sel'khoz. nauki 5 no. 8 95-101 Ag '62

FORAGE PLANTS see subdivision under Apsheron Peninsula

FORAMINIFERA

Foraminifera as storage batteries of chemical elements. N. V. Beliaeva. Priroda 51 no. 8:118-119 Ag '62.

FORAMINIFERA, FOSSIL see subdivision under Armenia, Carpathian Mountain region, Donets Basin; Kara-Tau, Pechora Valley; Podolia; Talas Ala-Tau, Tsiman Ridge, Transcarpathia, Uzh Valley, Carpathian Mountains; Volyn'-Podolian Upland, West Siberian Plain

FOREIGN AID PROGRAM see Economic assistance

FOREIGN EXCHANGE

Brief information on foreign exchange and banks abroad. Den. i kred. 20 no. 8:85-91 Ag '62.

Brief information on foreign exchange and banks abroad. Den. i kred. 20 no. 9:87-91 S '62.

Frei, L. I. [The credit and foreign exchange policy of capitalist countries] Kreditnaia i valiutnaia politika kapitalisticheskikh stran. Moskva, Vneshtorgizdat, 1962. 213 p.

FOREIGN RELATIONS see International relations

FORENSIC BALLISTICS

Shevchenko, B. I. [Identification of a weapon by the bullet in forensic ballistics] Identifikatsiia oruzhiia po pule v sudebnoi ballistike, lektsiia. [Moskva] Izd-vo Mosk. univ., 1962. 46 p.

FORENSIC HEMATOLOGY

Present-day status of forensic medical research on menstrual blood in stains. M. B. Tabakman. Sud.-med. ekspert. 5 no. 3:55-58 Jl-S '62

FORENSIC PSYCHIATRY

Forensic psychiatric significance of hypochondria. S. V. Pashchenkov. Sud.-med. ekspert. 5 no. 3:43-47 Jl-S '62.

"Forensic psychiatry" by IA. M. Kalashnik. Reviewed by Professor Detengof. Sud.-med. ekspert. 5 no. 3:58-59 Jl-S '62.

FOREST ECOLOGY
(see also subdivision under Russia, Southern, Vologda Province)

Interrelation between spruce and oak in Moscow Province. K. V. Kiseleva. Vest. Mosk. un. Ser. 6, Biol., pochv. 17 no. 4:67-71 Jl-Ag '62.

FOREST FAUNA see subdivision under Karelia

FOREST FIRES—PREVENTION AND CONTROL

Kurbatskii, N. P. [Techniques and tactics of fighting forest fires] Tekhnika i taktika tusheniia lesnykh pozharov. Moskva, Goslesbumizdat, 1962. 153 p. (DNAL)

FOREST INFLUENCES
(see also subdivision under Vologda Province)

Effect of beech forests growing at different altitudes on the dynamics of soil moisture [in Azerbaijani with summary in Russian]. B. A. Dzhafarov. Izv. AN Azerb. SSR. Ser. biol. i med. nauk no. 3:90-108 '62

Influence of a forest on the maximum runoff of a spring flood. A. A. Sokolov. Trudy GGI no. 99:79-140 '62.

FOREST INSECTS—BIOLOGICAL CONTROL see subdivision under Volgograd Province

FOREST LITTER

Effect of ground vegetation in spruce forests on the mass of litter and its nitrogen, phosphorus and potassium content. I. A. Tereshenkova. Bot. zhur. 47 no. 7:995-1000 Jl '62.

FOREST MANAGEMENT see subdivision under Ukraine

FOREST PROTECTION

Be careful to preserve wooded areas. V. Chushnlakov. Na strol. Ros. 3 no. 4:9 Ap '62.

FOREST REPRODUCTION see subdivision under Pyshma Valley

FOREST ROADS
(see also subdivision under Norway)

Logging roads should be constructed with good reliability and at a low cost. I. Gavrilov, O. Blinov Les. prom. 40 no. 7 23-24 Jl '62

Methods for improving the construction of roads for automobile transportation B. A. Dorokhov, G. B. Ilarkov. Les. prom. 40 no. 7:21-25 Jl '62

Roads are of primary importance Les. prom. 40 no. 7 22 Jl '62.

Simplify the construction of logging roads. K. N. Gladkov Les. prom. 40 no. 7:22 Jl '62.

FOREST SOILS see subdivision under Kadnikov region, Vologda Province

FORESTRY RESEARCH see subdivision under Vologda Province

FORESTS AND FORESTRY
(see also subdivision under Carpathian Mountain region, Voronezh Province)

Natural or artificial forests? [with summary in English]. A. B. Zhukov. Izv. AN SSSR. Ser. biol. 27 no. 4 614-620 Jl-Ag '62.

FORGE SHOPS—EQUIPMENT AND SUPPLIES

Effectiveness in the use of forging manipulators. I. S. Golosovskii, L. V. Prozorov. Kuz.-shtam. proizv. 4 no. 9:39-40 S '62.

FORGING
(see also subdivision under Ukraine)

Explosion stamping. B. M. Iaz'kov. Mashinostroitel' no. 9 30-32 S '62.

Investigating and setting up the process of cold level sizing with limiting devices. A. I. Maksimov, N. S. Kunitsa, A. N. Bulukhanov. Kuz.-shtam. proizv. 4 no. 9:1-6 S '62.

Making bevel gear forgings with shaping of spiral teeth. IU. I. Konovalov. Kuz.-shtam. proizv. 4 no. 9:44-45 S '62.

Metal flow during deformation in double-slot dies A. G. Pilipenko. Izv. vys. ucheb. zav., chern. met. 5 no. 8 69-76 '62.

Shalovich, L. L. [Specialization and cooperation in forging and sheet-metal work] Spetsializatsiia i kooperirovanie kuznechno-shtampovochnogo proizvodstva. Moskva, Mashgiz, 1962. 142 p.

Selecting the optimal dimensions of pierced openings and markings in hammer forging. Z. F. Nelshtadt, M. A. Lykova, G. P. Teterin. Kuz.-shtam. proizv. 4 no. 9, 13-14 S '62.

Stamping and coining forgings without burrs. M. L. Shapiro. Mashinostroenie no. 4:36-39 Jl-Ag '62.

FORGING—CONGRESSES

All-Polish conference in Warsaw. A. Z. Zhuravlev. Kuz.-shtam. proizv. 4 no. 9:3 of cover S '62.

FORGING MACHINERY

Automatic line for forging stepped shafts I. G. Kondrat'ev. Biul. tekh.-ekon. inform. Gos. nauch.-issl. inst. nauch. i tekh. inform. no. 9 32-33 '62.

Design of multiple-bearing drive shafts on automatic presses by the distribution of moments. P. G. Orlov. Kuz.-shtam. proizv. 4 no. 9:37-38 S '62

Determining the efficiency of the hammer stroke meeting with the bottom die considering the effect of the anvil bolster plate. G. IA. Zaidenberg. Kuz.-shtam. proizv. 4 no. 9:32-33 S '62.

Lisitsyn, V. D., A. E. Budzilovskii, and I. S. Filina. [Special automatic die-stamping machines] Spetsial'nye shtampovochnye avtomaty. Pod obshchei red. V. P. Romanovskogo. Moskva, Mashgiz, 1962. 91 p. (Bibliotechka shtampovshchika, no. 3)
[MICROFILM]

The S1234 closed forging rolls. M. A. Sataevich. Biul. tekh.-ekon. inform. Gos. nauch.-issl. inst. nauch. i tekh. inform. no. 9:33-34 '62.

FORK LIFT TRUCKS

Device for a fork lift truck for handling containers. V. A. Katolichenko. Mekh. i avtom. proizv. 16 no. 8: 21-25 Ag '62.

Fork lift truck. E. Sakavichus. Mashinostroitel' no. 6, 24 S '62.

FORMALDEHYDE—PHYSIOLOGICAL EFFECT

Hygienic evaluation of formaldehyde as an atmospheric pollutant. V. P. Melokhin. Pred. dop. kontsent. atmosf. zagr. no. 6:16-30 '62.

FORMIC ACID

Synthesis of esters and other derivatives of carboxylic acids under conditions of acid catalysis from carbon monoxide, olefins, and acylating compounds Part 7 Conversion of C4 - C7 alcohols to carboxylic acids and their esters with the aid of formic acid. IA. T. Eidus, K. V. Puzitskii, I. V. Guseva. Zhur. ob. khim. 32 no. 9:2983-2989 S '62.

FORMOSA—ETHNOLOGY

Tracing the migration line of the "Kao-shan" tribes on Formosa. G. G. Stratanovich. Sov. etn. no. 4:176-178 Jl-Ag '62.

FORMS (MATHEMATICS)

Construction of invariant forms and structural equations of infinite groups. L. V. Tyshkik. Dokl. AN SSSR 146 no. 1 20-21 S '62.

Vonal' normals of a surface carrying a net of conjugate lines. M. A. Akivis. Mat. sbor. 58 no. 2 695-706 O '62.

FORMS, QUADRATIC

Distribution of analogues of prime numbers. I. K. Logeda Dokl. AN SSSR 146 no. 2 318-321 S '62.

FORSH, OL'GA DMITRIEVNA, 1875-1961

O. Forsh's historical novel "Clad in stone." T. V. Deplova. Uch. zap. MGPI 172, 141-154 '61.

FORTIFICATION, FIELD

Russia (1923- U. S. S. R.) Armiia. Shtab inzhenernykh voisk. [Instructions for engineer troops, field fortification (PI-43)] Nastavlenie dlia inzhenernykh voisk, polevaia fortifikatsiia (PI-43). [n. p.] Voen. Izd-vo Narodnogo komissariata oborony.
Pt. 2. [Fortified installations] Fortifikatsionnye sooruzheniia. 1940. 362 p.

FORTIFICATIONS, OLD
(see also subdivision under Belgorod, Novgorod)

"Kronwerk" of the Peter Paul Fortress, its history and present-day state A. P. Lebedianskaia Chet. dokl. Voen. ist. obsh. no. 1, 79-89 '60

The reinforcement of fortifications on the Russian northwestern frontier in the early phase of the Northern War A. G. Zakharenko. Chet. dokl. Voen. ist. sek. no. 1 67-78 '60.

FOUNDATIONS

Bearing capacity and settling of sand foundations under round footings P. G. Chizhikov. Transp. stroi. 12 no. 8, 16-19 Ag '62.

Izbash, IU. V. [Foundation engineering] Osnovaniia i fundamenty. Khar'kov, Izd-vo Khar'kovskogo gos. univ., im. A. M. Gor'kogo, 1961. 315 p.

Mechanization of operations in the construction of pile foundations. I. IA. Olenich, V. G. Kosolapov. Meth. stroi. 19 no. 11 12 N '62.

Russia (1917- (R. S. F. S. R.) Krasnoiarskii ekonomicheskii administrativnyi raion. Sovet narodnogo khoziaistva. [Erection of foundations under permafrost conditions, from practice used in the North'sk region] Vozvedenie fundamentov v usloviiakh vechnomerzlykh gruntov; iz opyta Nord'skogo raiona Moskva, Gosstroiizdat, 1962 53 p.

Ushkalov, V. P. [Study of the behavior of melting foundation soil and calculations for it according to the limiting deformations of structures] Issledovanie raboty protaivaiushchikh osnovanii i ikh raschet po predel'nym deformatsiiam sooruzhenii. Moskva, Izd-vo Akad. nauk SSSR, 1962. 210 p.

FOUNDING

Akademiia nauk SSSR. Institut mashinovedeniia. [Interaction of molds and castings] Vzaimodeistvie litsnoi formy i otlivki. Moskva, Izd-vo Akad. nauk SSSR, 1962. 334 p.

Cherniakhovskii, I. G. [Notes of the shop foreman] Zapiski nachal'nika tsekha. Moskva, Izd-vo "Sovetskaia Rossiia," 1962. 120 p.

Dubitskii, G. M. [Gating systems] Litnikovye sistemy. Moskva, Mashgiz, 1962. 255 p.

An early Russian founding method "navypleok." N. V. Rundina. Sov. arkheol. 6 no. 3 99-99 '62.

Practice in preventing upsurge in foundries abroad. L. I. Komarov. Biul. tekh.-ekon. inform. Gos. nauch.-issl. inst. nauch. i tekh. inform. no. 9, 31-35 '62.

Vnukhchenko, K. I., V. V. Zhizhchenko, and A. N. Firsiov. [Bimetal aluminum-iron castings with diffusion bonding] Bimetallicheskie otlivki aliuminii - zhelezo s diffuzionnoi sviaz'iu. Leningrad, 1962. 25 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Serila. Liteinoe proizvodstvo, no. 1)

FOUNDRIES—EQUIPMENT AND SUPPLIES

Mechanization of iron casting. V. A. Pekhovich. Mekh. i avtom. proizv. 16 no. 9:33-35 S '62.

Mechanizing the cleaning of cast wheels for industrial cars. L. A. Moroz, A. F. Zapiatoi. Mashinostroitel' no. 9 6-9 S '62.

FOURIER SERIES

History of trigonometric series up to the second half of the 19th century. A. A. Modin. Uch. zap. IAr. gos. ped. inst no. 34 157-171 '60

Trigonometric series of analytic functions. M. I. Iaraliov. Izv. AN Uz. SSR, Ser. fiz.-mat. nauk 6 no. 4:100-102 '62.

Trigonometrical series convergent to nonnegative functions [with summary in English]. V. A. Skvortsov. Vest. Mosk. un. Ser. 1: Mat., mekh. 17 no. 5:3-10 S-O '62.

FOURIER TRANSFORMATIONS

Application of Fourier's method of integral transformation to the problem of deformation of an infinite elastic medium by internal forces. V. G. Gromov. Izv. vys. uch. zav. ; mat. no. 5:39-43 '62.

FRACTIONAL DISTILLATION see Distillation, Fractional

FRACTURES

Morphological characteristics of the course and healing of infected bone fractures in radiation sickness in animals treated with streptomycin. A.N.Antipina. Trudy Len.gos.nauch.-issl.inst.travm.i ortop. no.8 188-201 '61.

Principles of the present-day treatment of bone fractures V.G.Vainshtein. Trudy Len.gos.nauch.-issl.inst travm.i ortop. no.8:4-8 '61

Regularities in the reconstruction of the long tubular bones in children during various periods after a fracture. V.R.Arapdzhanian Ortbop., travm.i protez. 23 no.6 24-28 Je '62

Study of the late results of treating bone fractures. G.P. Manzhulo, S.IA.Pereldin. Trudy Len.gos.nauch.-issl. inst.travm.i ortop no.8 179-181 '61.

Study of the length of the periods of work incapacity in some bone fractures. G.D.Rudenko. Trudy Len.gos. nauch.-issl.inst.travm.i ortop no.8:182-186 '61.

Treatment of open fractures of the tubular bones according to materials from the Leningrad Scientific Research Institute of Traumatology and Orthopedics. V.G.Vainshtein. Trudy Len.gos.nauch.-issl.inst.travm.i ortop no.8:9-15 '61.

FRANCE—AGRICULTURE—ECONOMIC ASPECTS

The young peasants of France. Andre Gouilloux. Mol.malia no.1:5-6 '61.

FRANCE—CANNING INDUSTRY

Organization of the supply of canning plants with raw materials in the United States and France. G.M. Movshovich. Kons.i ov.prom. 17 no.10:34-35 O '62.

FRANCE—COAL PREPARATION PLANTS—EQUIPMENT AND SUPPLIES

Multiple tube "Turpenson" coal preparation apparatus. A.R.Molinyko. Ugol' 37 no.8:55-56 S '62.

FRANCE—COST AND STANDARD OF LIVING

The offensive of the French monopolies on the workers' standard of living. Mezhdunar.zhizn' 9 no.10:140-142 O '62.

FRANCE—ECONOMIC CONDITIONS

Akademiia nauk SSSR. Institut mirovoi ekonomiki i mezhdunarodnykh otnoshenii. [Problems of the economy and politics of France after the Second World War] Problemy ekonomiki i politiki Frantsii posle vtoroi mirovoi voiny. Moskva, Izd-vo Akad. nauk SSSR, 1962. 603 p.

The fortunes of France. Nov.vrem. 20 no.42:3 O '62

France before the referendum. V.Goncharov. Nov. vrem. 20 no.43:11-13 O '62.

FRANCE—SHEEP BREEDS

History of the development of the La Charmoise sheep in France. R.Desrochers. Agrobiologiia no.4:577-583 Il-Ag '62

FRANCE—WORLD WAR, 1939-1945

A controversial article on an important event of the Second World War. V.P.Smirnov. Vop.ist. no.9: 191-192 S '62.

FRANKO, IVAN, 1856-1916

"Ivan Franko and foreign writers" by I.Zhuravs'kyi. Reviewed by M.IA.Hol'berh. Rad.lit. 6 no.5 150-152 S-O '62.

Ivan Franko on realism. P.P.Ponomarev. Rad.lit 6 no.5:66-81 S-O '62.

FRANZ JOSEF LAND—ROCKS, SEDIMENTARY

Lithology and conditions governing the formation of Meso-zoic sediments on Franz Josef Land. V.D.Dibner, V.K.Razin, Z.Z.Ronkina. Trudy NIIGA 121:44-74 '62

FRENCH DRAMA—HISTORY AND CRITICISM

An interview after six years; Jean Paul Sartre on the contemporary French theater. Teatr 23 no.8 184-185 S '62.

FRENCH PAINTERS see Painters, French

FREQUENCY CHANGERS

Frequency divider using a converter and amplifier. A.G.Demitrienko, S.I.Ivitianov. Radiotekhnika 17 no.10:25-31 O '62.

Ionic converters of decreased frequency. L.IA.Bern-shtein, K.V.Polivanovskaia. Vest.elektroprom. 33 no.10 11-15 O '62.

FREQUENCY MEASUREMENTS

Comparison of fixed frequencies using an interpolation oscillator. A.I.Fiterstenberg. Radiotekhnika 17 no.10:62-70 O '62

Electronic indicator for a strain gauge. V.T.Derevian-chenko. Izv.vys.uch.zav.; prib. 5 no.1:28-30 '62.

FREQUENCY REGULATION

Concerning the operation of synchronization devices in the presence of large noise. V.I.Tikhonov, A.G. Zhuravlev. Radiotekhnika 17 no.9:40-48 S '62.

Kaplanov, M.P., and V.A.Lovin. [Automatic frequency control] Avtomaticheskaia podstroika chastoty. Izd.3., dop. Moskva, Gosenergoizdat, 1962. 319 p.

Operation of a frequency-type automatic frequency trim system in the presence of noise. V.I.Tikhonov. Elektrosviaz' 16 no.8:3-14 S '62.

FRESHWATER FLORA see subdivision under Kuybyshev Province, Tsvetkovskoye, Lake

FREUD, SIGMUND, 1856-1939

Importance of the ideological struggle with the Freudian concept in contemporary medicine and philosophy. E.S. Stankevich. Kaz.med.zhur. no.3:78-81 My-Je '62.

FRICTION

Kolchin, N.I., and M.S.Movnin. [Theory of mechanisms and machinery, construction and kinematics of mechanisms, dynamics of machinery and friction] Teoriia mekhanizmov i mashin; struktura i kinematika mekha-nizmov, dinamika mashin i trenie. Pod obshchei red. N.I.Kolchina. Leningrad, Sudpromgiz, 1962. 615 p.

FROGS

Reflex changes in the thermoresistance level of muscular tissue of grass frogs. I.M.Pashkova. Dokl.AN SSSR 146 no.2:499-501 S '62.

FROLOVA, NATAL'IA VASIL'EVNA, 1907-1960

Life and work of N.V.Frolova. N.A.Florensov. Trudy VSGI. Ser.geol no.5:7-12 '62.

FRONSHTEIN, RIKHARD MIKHAILOVICH, 1882-1949

Moscow. Pervyi meditsinskii institut. [Rikhard Mikhailo-vich Fronshtein. Pod red. N.D.Petrova. Red. kolle-gila: G.I.Gol'din i dr. Moskva, Gos. izd-vo med. lit-ry, 1962. 65 p.

FROST RESISTANT CONCRETE

Frost resistance of prestressed and ordinary reinforced concrete elements. A.M.Podval'nii. Gidr.stroi. 32 no.8:26-28 Ag '62.

FROZEN FISH see Fish, Frozen

FROZEN GROUND
(see also subdivision under Ural Mountain region)

Characteristics of underground waters in an area of permanently frozen ground. V.M.Ponomarev. Sov.geol. 5 no.9:79-91 Ag '62.

Determining the depth of beds of frozen ground by electric probing. I.P.Nesterenko. Transp.stroi. 12 no.8:27-29 Ag '62.

Operating systems of machines with chain cutting units when cutting frozen ground. V.D.Abergauz. Mekh. stroi. 19 no.9:14-17 S '62.

Planning mine buildings under permafrost conditions. I.S.Cheskis. Shakht.stroi. 6 no.10:6-8 O '62.

The shape of wedge-heads for loosening frozen ground. A.G.Ruzgil'diev. Mekh.stroi. 19 no.9:12 S '62.

Technological principles in drilling prospecting holes under permafrost conditions. A.V.Maramzin. Trudy VIIR no.5:5-31 '62.

Ushkalov, V.P. [Study of the behavior of melting foundation soil and calculations for it according to the limiting deformations of structures] Issledovanie raboty protaivaiushchikh osnovanii i ikh raschet po predel'nym deformatsiiam sooruzhenii. Moskva, Izd-vo Akad. nauk SSSR, 1962. 219 p.

Using the RMTs-2 machine with two cutting units for loosening frozen ground. V.A.Shtobbe, IU.V.Tronnov akad. Mekh.stroi. 19 no.9:17 S '62.

Vialov, S.S., and others. [Stability and creep of frozen ground and calculations of ice walls] Prochnost' i polzuchest' merzlykh gruntov i raschety ledogruntovykh ograzhdenii. Moskva, Izd-vo Akad. nauk SSSR, 1962. 253 p.

FRUIT—CHEMICAL COMPOSITION
(see also subdivision under Ural Mountains)

Transformation of ethyl and methyl alcohols in fruits. A.V.Kiylov, G.A.Tarakanova. Fiziol.rast. 9 no.4: 480-482 '62.

FRUIT, CANNED

Pears preserved in sugar sirup. K.A.Munzaev. Kons. i ov.prom. 17 no.10:40 O '62.

FRUIT CULTURE
(see also subdivision under Crimea, Kirghizistan, Moldavia, Ukraine; White Russia)

"Mikhailovskiy Perevал" state farm struggles for the carrying out of the decisions of the March (1962) Plenum of the Central Committee of the CPSU. V.P. Vishnevskii. Kons.i ov.prom. 17 no.10,10-21 O '62.

"Pomology" by L.P.Simirenko. Reviewed by G.P.Rud-kovskii. Priroda 51 no.7:121-122 Jl '62

Prospects and ways for the development of fruit culture in the light of the decisions of the 22d Congress of the CPSU [with summary in English]. V.A.Kolesnikov. Izv.TSKhA no.3,83-95 '62.

Simirenko, L.P. [Fruit culture] Pomologiia. Kiev, Izd-vo Ukr. Akad. sel'khoz. nauk, 1961.
Vols. 1-3. 1961
(CU)

FRUIT CULTURE—RESEARCH see subdivision under Michurinsk

FRUIT TREES see subdivision under Armenia

FRUIT TREES—DISEASES AND PESTS see subdivision under Far East

FUEL

Complete utilization of fuel. L.G.Demidov. Priroda 51 no.9:120-121 S '62.

Melent'ev, M.A. Styrikovich, and E.O. Shteingauz. [Fuel and power resources balance of the U.S.S.R.; basic problems in economics and planning] Toplivno-energeticheskii balans SSSR; osnovnye voprosy ekonomiki i planirovaniia. Moskva, Gosenergoizdat, 1962. 207 p. [MICROFILM]

Mineral fuel resources are the foundation of the present-day economy. G.A.Mitin. Razved.i okh.nedr 28 no.9:2-11 S '62.

Pomerantsev, V.V., and others. [Layer methods of the use of fuel as a source of power and chemicals] Slovye metody energokhimicheskogo ispol'zovaniia topliva. [By] B.D.Katsnel'son i dr. Moskva, Gos-energoizdat, 1962. 166 p.

Speranskov, N.N. [Use of petroleum products on state and collective farms] Neftekhoziaistvo sovkhozov i kolkhozov. Moskva, Sel'khozizdat, 1962. 302 p.

FUEL—ANALYSIS

Rinskaia, N.I. [Laboratory work with fuel and lubricants] Laboratornye raboty po toplivu i smazochnym materia-lam. Moskva, Sel'khozizdat, 1962. 191 p. (Uchebniki i uchebnye posobiia dlia vysshikh sel'skokhoziaistven-nykh uchebnykh zavedenii)

FUNCTIONAL ANALYSIS

Continuation of functions and conservation of the proper-ties of the integral modulus of smoothness of second order. O.V.Besov. Mat.sbor. 58 no.2:673-684 O '62.

On a sufficient stability criterion. K.Sh.Nauryzbaev. Izv.AN Kazakh SSR, Ser.mat.i mekh. no.10,21-29 '62.

S.L.Sobolev's functional spaces of negative order and their application to Neumann's problem. P.B.Kagan Izv.vys.uch.zav.; mat. no.5:43-46 '62.

Speed of the decrease of solutions of evolutionary equations. O.I.Prozorovskaia. Sib.mat.zhur. 3 no.3: 391-408 My-Je '62.

FUNCTIONS

Generalized regular monotone functions. G.V.Badalian Izv.AN Arm.SSR, Ser.fiz.-mat.nauk 15 no.3:3-16 '62.

On certain systems of functions forming quasi-exponential bases in spaces of analytic functions in a circle. K.M.Fishman, G.M.Sas'ko. Dokl.AN SSSR 146 no.2:314-317 S '62.

Trigonometrical series convergent to nonnegative functions [with summary in English]. V.A.Skvortsov. Vest.Mosk.un.Ser.1: Mat.,mekh. 17 no.5:3-10 S-O '62.

Vertex function of directed graphs. V.V.Mathushkov. Dokl.AN SSSR 146 no.1:37-40 S '62.

FUNCTIONS, ANALYTIC

Trigonometric series of analytic functions. M. I. Ibatullov. Izv. AN Uz. SSR Ser. fiz.-mat. nauk 6 no. 4:100-102 '62.

FUNCTIONS, AUTOMORPHIC

Letter to the Editor. L. I. Chibrikova. Izv. vys. ucheb. zav., mat. no. 3:195-196 '62.

FUNCTIONS, CONTINUOUS

Asymptotic value of approximation of functions by a family of linear operators. A. D. Gadzhiev, A. S. Dzhafarov, L. G. Labsker. Izv. AN Azerb. SSR, Ser. fiz.-mat. i tekh. nauk no. 3:19-28 '62.

General theorem on the factorization of matrix functions in normed rings and its applications. I. TS. Gokhberg. Dokl. AN SSSR 146 no. 2:284-287 S '62.

Order of approximation of functions by a family of linear integral operators. A. S. Dzhafarov. Izv. AN Azerb. SSR Ser. fiz.-mat. i tekh. nauk no. 3:3-18 '62.

Order of best approximations of functions having a fractional derivative in the sense of Riemann-Liouville. F. G. Nasibov. Izv. AN Azerb. SSR. fiz.-mat. i tekh. nauk no. 3:51-57 '62.

FUNCTIONS, MEROMORPHIC

Some extremum properties of functions, many-sheeted in multiply connected regions. Yu. E. Alenitsyn. Dokl. AN SSSR 146 no. 2:267-269 S '62.

FUNCTIONS, ORTHOGONAL

On a certain property of an orthogonal system of functions. O. A. Ziza. Mat. sbor. 58 no. 1:3-16 S '62.

FUNCTIONS, POTENTIAL see Differential equations, Partial

FUNCTIONS, THETA

Spectral representation for the Bethe-Salpeter amplitude. A. F. Plyashchuk. Ukr. mat. zhur. 14 no. 3:337-340 '62.

FUNCTIONS, ZETA

On the number of classes. A. I. Vinogradov. Dokl. AN SSSR 146 no. 2:274-276 S '62.

FUNCTIONS OF COMPLEX VARIABLES

Concerning the integration of the fuselage equation in accordance with the vortex interpretation of the theory of functions of complex variables. Sh. Ismudov. Izv. AN Uz. SSR, Ser. fiz.-mat. nauk 6 no. 4:33-37 '62.

Relation between the growth of an entire function of two complex variables and the distribution of singularities of the function associated with it. N. I. Kobeleva. Izv. vys. ucheb. zav., mat. no. 3:59-66 '62.

Solution to one of Riemann's linear boundary value problems and its application to certain mixed problems in the two-dimensional theory of elasticity. G. P. Cherepanov. Prikl. mat. i mekh. 26 no. 5:907-912 S-O '62.

Stoilow, Simion. [Theory of functions of complex variables] Teoriia functsii kompleksnogo peremennogo. Moskva, Izd-vo inostr. lit-ry.
Vol. 1. [Fundamental concepts and principles. Translated from the Rumanian] Osnovnye poniatiia i printsipy. 1962. 364 p.

Viman-Valiron's theorem for entire functions of several complex variables. Sh. I. Strelits. Mat. sbor. 58 no. 1:47-64 S '62.

FUNCTIONS OF REAL VARIABLES

Some properties of functions of a single variable. F. I. Shmidov. Mat. sbor. 58 no. 1:29-46 S '62.

FUNCTIONS OF SEVERAL VARIABLES

Nomographic method for keeping functions of several variables in computer storage. A. N. Kazangapov. Izv. AN Kazakh. SSR. Ser. mat. i mekh. no. 10:86-92 '62.

FUNERAL RITES AND CEREMONIES

Clay bear's paws from the Timerëvo mound. M. V. Fekhner. Sov. arkheol. 6 no. 3:305-309 '62.

FUNGI

Method for the primary selection of antibiotics produced by mold fungi [with summary in English]. I. I. Sidorova. Antibiotiki 7 no. 8:679-685 Ag '62.

Stroke method for the isolation of unicellular cultures of yeast and yeastlike fungi free from bacteria [with summary in English]. I. S. Popov, B. A. Zadorozhnyi, L. I. Mishchenko. Vest. derm. i ven. no. 8:39-41 '62.

FUNGI, PHYTOPATHOGENIC

Changes in the carbohydrate group in the corn grain in its infestation with certain fungi; preliminary report. E. V. Bashmakova. Trudy Rost. NIVS no. 12:226-229 '60.

FUNGI, PREDATORY

Preparations with spores of predatory fungi destructive to helminths for controlling the larvae of pathogenic nematodes. B. N. Ei, S. A. Alakhverdiants. Izv. AN Turk. SSR, Ser. biol. nauk no. 4:81-83 '62.

FUNGICIDES

Organic insecticides-fungicides. Part 67: Interaction of thio- and dithiophosphoric acid esters with higher aliphatic amines and fungicide and bactericide activity of reaction products. N. N. Melnikov and others. Zhur. ob. khim. 32 no. 9:2858-2863 S '62.

FUR—TESTING

Increasing the resistance to abrasion of the bleached hair covering of pelts. K. A. Barmina, S. A. Pavlov, Kozh.-obuv. prom. 4 no. 9:32-35 S '62.

FURALDEHYDE

Chromatographic analysis of furfurole. V. M. Reznikov, Iu. I. Khol'kin, V. I. Morozova. Gidroliz. i lesokhim. prom. 15 no. 6:19-22 '62.

Determining oxymethylfurfurole in wood hydrolyzates. B. I. Tokarev, V. I. Sharkov. Gidroliz. i lesokhim. prom. 15 no. 6:16 '62.

Furan compounds. Part 18: Some functional derivatives of 5-halo-substituted furfurole and β-(2-furyl)-acrolein. A. A. Ponomarev, M. D. Lipanova. Zhur. ob. khim. 32 no. 8:2535-2540 Ag '62.

Furan compounds. Part 20: Condensation of some derivatives of furfurole and β-(2-furyl)-acrolein with antinotinazides. A. A. Ponomarev, M. D. Lipanova. Zhur. ob. khim. 32 no. 9:2971-2981 S '62.

Sergeeva, V. N. and G. E. Dombург. [Formation of furfurole and methods for its production] Obrazovanie furfurola i metody ego polucheniia. Pod red. A. I. Kalnin'sha. Riga, Izd-vo Akad. nauk Latviiskoi SSR, 1962. 83 p.

FURAN

Absorption spectra and halochromy of furan analogs of chalcone and their vinyl analogs. V. F. Lavrushkin, S. V. Tsukerman, A. I. Artemenko. Zhur. ob. khim. 32 no. 8:2551-2556 Ag '62.

Chemistry of 5-substituted furans. Part 17: Some 5-substituted furoyl- and furylacryloylthiocarbanilides. Z. N. Nazarova, I. G. Gabb. Zhur. ob. khim. 32 no. 8:2550-2551 Ag '62.

Hydrogenation of 2-methyl-5-acetylfuran on catalysts containing metals of the VIIIth group. N. I. Shuikin, I. F. Bel'skii, G. K. Vasil'evskaia. Zhur. ob. khim. 32 no. 9:2911-2914 S '62.

New method of synthesizing pyrroles. Conversion of amines of the furan series to 2,5-dialkylpyrroles. I. F. Bel'skii. Zhur. ob. khim. 32 no. 9:2905-2908 S '62.

FURANACROLEIN

Furan compounds. Part 18: Some functional derivatives of 5-halo-substituted furfurole and β-(2-furyl)-acrolein. A. A. Ponomarev, M. D. Lipanova. Zhur. ob. khim. 32 no. 8:2535-2540 Ag '62.

FURANAMINE

New method of synthesizing pyrroles. Conversion of furanamines to 2,4-dialkylpyrroles. I. F. Bel'skii. Zhur. ob. khim. 32 no. 9:2908-2911 S '62.

FURNACES

Reducing slag formation in the shaft-mill furnace of small capacity boilers. P. L. Magidei. Prom. energ. 17 no. 10:25-28 O '62.

FURNACES, HEAT TREATING

In the heat-treating department of the plant. N. D. Sedov, R. D. Minaizon. Metallurg 7 no. 10:11-12 O '62.

FURNACES, HEATING

About N. S. Lebedev's article "Standardization of forge furnaces." A. P. Erokhin. Kuz.-shtam. proizv. 4 no. 8:38 S '62.

Recuperators in rapid heating compartment furnaces. I. S. Nazarov, D. L. Medioritskii, E. I. Korochkin. Izv. vys. ucheb. zav., chern. met. 5 no. 8:150-157 '62.

Reinforced concrete pits for slow metal cooling. M. K. Ol'shanskii, G. B. Shpigun. Metallurg 7 no. 9:20-21 S '62.

Standardization of forge furnaces. N. S. Lebedev. Kuz.-shtam. proizv. 4 no. 9:33-37 S '62.

FURNITURE
(see also subdivision under Lithuania)

Do you like beautiful things? Aleh Sureki. Rab. i sial. 38 no. 8:10-11 Ag '62.

Dull finishing of furniture with lacquer flow coating machines. V. P. Bakhareva, L. A. Drynova. Der. prom. 11 no. 10:17-18 O '62.

Furniture made with plastics. A. M. Krivchikov. Der. prom. 11 no. 10:19-21 O '62.

Osadchiev, V. G., and A. M. Ionov. [Care of furniture, its transportation, repair and storage] Ukhod za mebel'iu, perevozka, remont i khranenie. Pod obshchei red. V. G. Osadchieva. Moskva, Goslesbumizdat, 1962. 137 p.

Vul'f, A. S., and L. A. Vul'f. [How to make furniture yourself] Kak izgotovit' mebel' samomu. Moskva, Goslesbumizdat, 1962. 42 p.

FURNITURE INDUSTRY

Semiautomatic line for machining bent and glued parts in the manufacture of furniture. N. A. Morozov, Z. I. Usherenko, I. E. Chalkovskii. Mekh. i avtom. proizv. 16 no. 8:10-14 Ag '62.

FURSAEV, ALEKSANDR DMITRIEVICH, 1900-1961

In memory of Aleksandr Dmitrievich Fursaev (1900-1961). S. S. Khokhlov. Bot. zhur. 47 no. 7:1050-1056 Jl '62.

FUSARIUM see subdivision under Leningrad Province

FUSED SALTS

Crystallization of aluminosilicates in low-melting salts. Z. N. Zonn, I. S. Ianchevskaia. Zhur. neorg. khim. 7 no. 9:2213-2216 S '62.

Melting diagrams of the ternary systems consisting of calcium, strontium, sodium, and potassium fluorides. G. A. Bukhalova, V. T. Berezhnaia, Z. A. Mateiko. Zhur. neorg. khim. 7 no. 9:2033-2036 S '62.

New method of the physicochemical analysis of binary melts. Iu. K. Delimarskii, V. F. Grishchenko. Zhur. neorg. khim. 7 no. 9:2275-2277 '62.

Oscillographic polarography with a given sinusoidal voltage for studying fused electrolytes. Iu. K. Delimarskii, V. I. Shapoval. Dokl. AN SSSR 146 no. 2:391-393 S '62.

FUSED SALTS—ELECTRIC PROPERTIES

Impedance of a double electrolyte in melts. A. V. Gorodyskii, Iu. K. Delimarskii, P. V. Panov. Dokl. AN SSSR 146 no. 1:129-130 S '62.

FUSULINIDAE see subdivision under Ukraine

GABBRO see subdivision under Bet-Pak-Dala, Chernyshev Ridge, Kuznetsk Ala-Tau

GADOLINIUM see Horsefliies

GAMMA RAYS

Energy spectrum of internal conversion pairs emitted in the radiative capture of thermal neutrons in Gd. G. V. Danilian, L. IA. Korol'kov. Izv. AN SSSR Ser. fiz. 26 no. 9:1164-1168 S '62.

GALAKTIONOVA, EKATERINA VASIL'EVNA

Ekaterina Vasil'evna Galaktionova. Med. sestra 21 no. 9:50 S '62.

GALAPAGOS ISLANDS—FINCHES

Bird which uses tools for getting food. N. N. Drozdov. Priroda 51 no. 9:123 S '62.

GALAXIES

Density distribution in spherical clusters of stars and galaxies [with summary in English]. T. A. Agekian, I. V. Petrovskaia. Uch. zap. LGU no. 307:187-201 '62.

GALL BLADDER—DISEASES

Diagnosis of chronic cholecystitis and the clinical importance of some methods of studying the bile. A. I. Lando, A. A. Kiylov, A. G. Trofimov. Kaz. med. zhur. no. 3:17-19 My-Je '62.

Effect of health resort treatment in Yessentuki on disorders of lipoid and protein metabolism in chronic cholecystitis and hepatitis. A. M. Nogailer. Vop. kur., fizioter. i lech. fiz. kult. 27 no. 3:197-205 My-Je '62.

Effect of medical and morning hygienic gymnastics on the function of the gall bladder in chronic cholecystitis. L. P. Kozhokovskii. Vop. kur., fizioter. i lech. fiz. kult. 27 no. 3:205-209 My-Je '62.

GALLIUM

Approximate wave functions for the gallium ion in a crystal [with summary in English]. E. V. Smirnova. Vest. LGU 17 no. 16:66-71 '62.

Distribution of gallium in bauxites. V. N. Lavrenchuk, V. A. Tenisov. Geokhimiia no. 8:745-747 '62.

GALLIUM ALLOYS

Scattering of electrons and holes in alloyed InSb, InAs, and GaAs. I. M. TSidil'kovskii. Fiz. tver. tela 4 no. 9:2539-2540 S '62.

GALLIUM ARSENIDE

Photoelectric properties of GaAs p-n junctions. A. A. Gutkin and others. Fiz. tver. tela 4 no. 9:2338-2340 S '62.

GALLIUM CHLORIDE

Interaction of components in the system $GaCl_3 - K_xH_{2-x}SO_4 - H_2O$. I. V. Tananaev, N. K. Bol'shakova. Zhur. neorg. khim. 7 no. 9:2245-2250 S '62.

GALLIUM SULFATE

Process of gallium sulfate formation in aqueous solutions. I. V. Tananaev, N. K. Bol'shakova. Zhur. neorg. khim. 7 no. 9:2241-2244 S '62.

GAMBIA—POLITICS AND GOVERNMENT

Colonialism, a menace to peace. Garba Jahumpa. Az. i Afr. seg. no. 9:9-10 S '62.

GAMES see subdivision under Ukraine

GAMMA GLOBULIN

Hypogammaglobulinemia and the therapeutic use of gamma globulin. R. A. Abukova. Kaz. med. zhur. no. 3:82-85 My-Je '62.

Results of studying the effectiveness of various methods for obtaining gamma globulin against foot-and-mouth disease. Vestnik sel'khoz. nauky 5 no. 8:95-101 Ag '62.

GAMMA-RAY SPECTROMETER

Cross section of gamma-quantum absorption by O16 nuclei in the range of giant resonance [with summary in English]. N. A. Burgov and others. Zhur. eksp. i teor. fiz. 43 no. 1:70-78 Jl '62.

GAMMA-RAY SPECTROMETRY

Dependence of the angular distribution of photoelectrons on the γ-radiation energy. A. A. Rimskii-Korsakov, V. V. Smirnov. Izv. AN SSSR. Ser. fiz. 26 no. 9:1169-1171 S '62.

GAMMA-RAY SPECTROMETRY (Continued)

Experimental determination of radium, thorium, and potassium in rocks from an airplane by means of a NaJ(Tl) crystal pickup. L. I. Boltneva and others. Atom. energ. 13 no. 3 280-282 S '62.

Measurement of angular correlations of successive γ-transitions in the decay of Pu^{115} and Eu^{117}. Iu. A. Aleksandrov, B. Bernet. Izv. AN SSSR. Ser. fiz. 26 no. 9:1159-1161 S '62.

Nuclear matrix elements in the β-transition of La^{140} [with summary in English]. A. A. Petushkov, I. V. Lebedin. Zhur. eksp. i teor. fiz. 42 no. 5:1168-1170 My '62.

Study of the Pu^{118} decay scheme. Iu. A. Aleksandrov, B. Shefike. Izv. AN SSSR. Ser. fiz. 26 no. 9:1162-1163 S '62.

Use of γ-spectroscopy in determining beryllium, boron and fluorine in products enriched by γ-radiation accompanying the interaction between nuclei of these elements and α-rays. I. N. Plaksin, M. A. Bellakov, L. P. Starchik. Atom. energ. 13 no. 4 374-376 O '62.

GAMMA RAYS

Dielectric properties of insulating materials following gamma irradiation. Part 1. Methods for measuring the dielectric characteristics during irradiation. B. I. Volozhinov and others. Izv. vys. ucheb. zav., fiz. no. 1:163-170 '62.

Gamma-radiation from a compound nucleus with large angular momentum [with summary in English]. V. V. Babikov. Zhur. eksp. i teor. fiz. 42 no. 6:1647-1650 Je '62.

Gamma radiation from Cs^{139}. V. A. Aksenov and others. Atom. energ. 13 no. 3 271-274 S '62.

Gamma-ray monitoring of inhaled radon. L. S. Razer. Atom. energ. 13 no. 4 384-385 O '62.

Time of formation of a compound nucleus and γ-radiation from interacting nuclei [with summary in English]. V. V. Babikov. Zhur. eksp. i teor. fiz. 12 no. 5 1244-1246 My '62.

GAMMA RAYS—INDUSTRIAL APPLICATIONS

Physical and mechanical properties of silk and fabrics manufactured from cocoons killed by gamma rays. U. A. Arifov and others. Izv. AN Uz SSR. Ser. fiz.-mat. nauk 6 no. 2,58-66 '62.

GAMMA RAYS—PHYSIOLOGICAL EFFECT

Effect of gamma rays on some groups of soil microflora. V. V. Bernard, I. T. Geller. Agrobiologiia no. 4 610-616 Jl-Ag '62.

Effect of growing conditions on chlorophyll mutations in the progeny of irradiated barley. S. I. Ianushkevich. Agrobiologiia no. 4:617-619 Jl-Ag '62.

GAMMA RAYS—SCATTERING

Dispersion relations for the scattering of γ-quanta on nuclei [with summary in English]. S. B. Gerasimov. Zhur. eksp. i teor. fiz. 43 no. 1,193-198 Jl '62.

GAMMA RAYS—SPECTRA

Gamma-ray spectrum of short-living U235 fission fragments. Iu. V. Sivintsev. Atom. energ. 13 no. 4:397-398 O '62.

Spectra of gamma rays and internal conversion electrons emitted in (n,γ) reactions on gadolinium isotopes. I. V. Groshev and others. Izv. AN SSSR. Ser. fiz. 26 no. 9:1129-1133 S '62.

GAMMA RAYS—THERAPEUTIC USE

Prolonged cure of adenocarcinoma of the rectum attained by telegamma irradiation [with summary in English]. L. E. Pakulina. Vop. onk. 8 no. 6:78-80 '62.

GAMMARIDAE

Food of the amphipod crustacean Gammarus lacustris Sars [with summary in English]. L. M. Ermolaeva ... -1369 Ag '62.

..., 1894-1943

...r. V. Ryndin. Iskusstvo

...e A. Isakov, A. Berezin. ...le '62.

...-1962

...m, N. Liubovich. Nauka i

...group of gas fields. P. T. ... no. 9:98-101 '62.

...ing characteristics of ...tin. Met. i gornorud. prom.

...fluid. A. Sh. Kazymov. ...neft' no. 15:17-20 '61.

... gas in open-hearth furnaces. ...gornorud. prom. no. 4:16-18

...with injection of natural gas. ...ers. Metallurg 7 no. 9:3-

...y the high temperature con- ...levated pressure. F. I. ...prom no. 9:647-655 Ag

Solubility of a binary gas mixture in oil under high pressures. N. A. Litvins. Nauch.-tekh. sbor. po dob. nefti no. 16 81-88 '62.

Using the pressure drop of natural gas. A. P. Klimenko, A. V. Stepanov, L. M. Vashtein. Trudy Inst. isp. gaza AN USSR 9 97-102 '61.

Val'berg, G. S. [Natural gas in the cement industry] Prirodnyi gaz v tsementnoi promyshlennosti. Moskva, Gosstroiizdat, 1962. 170 p.

World resources and production of oil and natural gas. N. A. Bykhover. Razved. i okh. nedr 28 no. 9 12-23 S '62.

GAS, NATURAL—GEOLOGY

(see also subdivision under Berezovo region, Tyumen' Province, Caspian Depression, Caucasus, Northern, North'sk region, Pripet Valley; Rostov Province, Saratov Province, West Siberian Plain)

"Active margin" of a platform and its importance in estimating oil and gas potentials of platforms. V. P. Markevich. Trudy SNIIGGIMS no. 17 32-41 '61.

Nauchnaia konferentsiia po problemam neftianoi, gazovoi i neftekhimicheskoi promyshlennosti. [Abstracts of reports of the Conference on the Problems of the Petroleum, Gas, and Petrochemical Industries, Geology Section] Tezisy dokladov Sektsiia geologicheskaia. Moskva, Gostoptekhizdat, 1962. 56 p.

Some results of oil and gas prospecting in the R S F S R from 1959 to 1961. A. P. Stel'makhovich. Razved. i okh. nedr 28 no. 9:27 S '62.

GAS, NATURAL—PIPELINES

"Electrochemical protection of main gas pipelines from corrosion" by I. A. Nikitenko. Reviewed by I. V. Strizhevskii. Stroi. truboprov. 7 no. 8:31 Ag '62.

Gerenrot, I. S. [Maintenance and repair of main gas pipelines] Remontno-avarinaia sluzhba na magistral'nykh gazoprovodakh. Moskva, Gostoptekhizdat, 1962. 165 p.

Gladkikh, P. A. [Elimination of pressure pulsations in gas pipelines] Ustranenie pul'satsii davleniia v gazoprovodakh. Moskva, Gostoptekhizdat, 1962. 108 p.

In the first ranks of the builders of communism. Stroi. truboprov. 7 no. 8:1-3 Ag '62.

Joining gas pipelines by gluing. A. A. Nikolaev. Stroi. truboprov. 7 no. 8:23-24 Ag '62.

Some problems concerning the motion of a gas through long pipelines with heat exchange. K. I. Strakhovich. Trudy LPI no. 221:110-138 '62.

GAS, NATURAL—STORAGE

Underground oil and gas storage. O. M. Ivantsov. Khim. prom. no. 7:512-516 Jl '62.

GAS, NATURAL—TRANSPORTATION

High-temperature cooling of the 10GK-1 gas motor compressor. G. V. Mel'nikov and others. Trudy LPI no. 221:151-165 '62.

GAS AND OIL ENGINES

Motive potential and work limit norms for internal combustion engines. I. I. Liutov. Trudy TsNIIMF no. 38 105-113 '61.

Shtekher, M. S., ed. [Working processes of heat engines] Rabochie protsessy teplovykh dvigatelei. Moskva, Oborongiz, 1962. 134 p.

GAS AND OIL ENGINES—FUEL PUMPS

A hydraulic distribution-type fuel pump regulator. N. S. Reznikov. Trakt. i sel'khozmash. 32 no. 10:47 O '62.

GAS AND OIL ENGINES—LUBRICATION

Important factor in modeling working conditions of oil in internal combustion engines. S. V. Ventsel'. Vest. mashinostr. 42 no. 9:31-34 S '62.

GAS BURNERS

Vigdorchik, D. IA., and P. B. Malzel'. [Gas-burner systems for burning liquefied gas] Gazogorelochnye ustroistva dlia szhiganiia szhizhennogo gaza. Leningrad, Gostoptekhizdat, 1962. 120.

GAS CHROMATOGRAPHY

Determining of butanol in butyl acetate with the method of gas-liquid chromatography. IU. K. Shaposhnikov and others. Gidroliz. i lesokhim. prom. 15 no. 6:22-24 '62.

GAS CHROMATOGRAPHY—CONGRESSES

Second All-Union Conference on Gas Chromatography. Khim. i tekh. topl. i masel. 7 no. 7:66-68 Jl '62.

GAS DISTRIBUTION—CONGRESSES

Conference of urban gas network builders. I. P. Mokhnovskii. Stroi. truboprov. 7 no. 8:24 Ag '62.

GAS DYNAMICS

Adiabatic one-dimensional motions of an ultrarelativistic gas [with summary in English]. K. P. Stanukovich. Zhur. eksp. i teor. fiz. 43 no. 1:199-204 Jl '62.

Method for constructing difference systems for the numeral integration of the equations of gas dynamics. V. F. Kuropatenko. Izv. vys. ucheb. zav.; mat. no. 3: 75-83 '62.

Structure of nonlinear waves in a plasma. V. N. TSytovich. Zhur. tekh. fiz. 32 no. 9:1042-1049 S '62.

GAS FIXTURES

Gas-flame hardening of guides. G. G. Levchuk, I. L. Bialyi. Mashinostroitel' no. 9 13-14 S '62.

GAS FLOW

Changes in the correlation between flows of gas and charge materials and inside each of the flows. N. G. Makhanek. Izv. vys. ucheb. zav., chern. met. 5 no. 8 29-34 '62.

Unsteady plane-parallel flow of a viscous conducting gas taking the anisotropy of the conductance into account. IA. S. Uflland. Prikl. mat. i mekh. 26 no. 5: 836-841 S-O '62.

GAS MANUFACTURE AND WORKS

Production of process gas by the high temperature conversion of natural gas at elevated pressure. F. I. Kabanov and others. Khim. prom. no. 8 547-555 Ag '62.

GAS PIPES

Propagation of the chemical reaction zone in acetylene in large diameter pipes. S. M. Kogarko and others. Khim. prom. no. 7:496-501 Jl '62.

GAS PRODUCERS

Characteristics of internal regulation and hidden potentialities of a free-piston gas generator. L. M. Maizel', B. M. Chernomordik. Vest. mashinostr. 42 no. 9:25-31 S '62.

New design of the piston head of the OP-95 free-piston gas producer. N. A. Marinovskii, V. K. Koval', V. V. Kulandin. Mashinostroenie no. 4,73-74 Jl-Ag '62.

GAS-TURBINE LOCOMOTIVES

[Gas-turbine units for locomotives; design and calculation] Lokomotivnye gazoturbinnye ustanovki, raschet i proektirovanie. [By] V. V. Uvarov i dr. Moskva, Mashgiz, 1962. 547 p.

GAS TURBINES

Highly maneuverable turbine systems. V. A. Zysin. Trudy LPI no. 221:110-118 '62.

Kaplan, M. P. [Analysis of the layout of gas-turbine units for electric power plants] Analiz skhem gazoturbinnykh ustanovok dlia elektrostantsii. Kiev, Gostekhizdat USSR, 1962. 109 p.

GAS TURBINES—DESIGN AND CONSTRUCTION

[Designs of gas-turbine plants] Konstruktsii gazoturbinnykh ustanovok; opisanie. [By] N. F. Galitskii i dr. Leningrad, Sudpromgiz, 1962. 163 p.

GAS WELDING AND CUTTING

Automatic line for gas cutting of sheet steel. S. I. Iozhnov. Mekh. i avtom. proizv. 16 no. 8,4-5 Ag '62.

Bort, M. M., V. P. Shevchenko, and A. S. Glushchenko. [Metal cutting with oxygen at low pressure] Rezka metalla kislorodom nizkogo davleniia. [Donetsk] Donetskoe knizhnoe izd-vo, 1961. 39 p. (Novaia tekhnika semiletki)

Developing the design of a mechanical oxygen-coke torch for the flame scarfing of cold carbon metal. F. Kh. Shamovskii. Izv. vys. ucheb. zav., chern. met. 5 no. 8:193-199 '62.

Shevchenkov, V. A., and IU. G. Mosenkis. [Oxygen cutting with natural gas] Kislorodnaia rezka na prirodnom gaze. [Khar'kov] Khar'kovskoe knizhnoe izd-vo, 1961. 43 p.

GAS WELLS

Some characteristics of gas well sinking. G. A. Kovtunov. Trudy KF VNII no. 9:28-31 '62.

GASEOUS PLASMA see Plasma (ionized gases)

GASES

Burning multicomponent gas mixtures in a turbulent flame. S. I. Averin, I. D. Semikin. Izv. vys. ucheb. zav., chern. met. 5 no. 8:158-160 '62.

Rivkin, S. L. [Thermodynamic properties of air and combustion products of fuels] Termodinamicheskie svoistva vozdukha i produktov sgoraniia topliv. Izd. 2., ispr. i dop. Moskva, Gosenergoizdat, 1962. 102 p. diagrs.

GASES—LIQUEFACTION

Cascade system of methane liquefaction. A. G. Chegliков. Trudy Inst. isp. gaza AN USSR 9:51-55 '61.

Liquefaction of methane, its transportation and storage. A. P. Klimenko. Trudy Inst. isp. gaza AN USSR 9:44-50 '61.

GASES—PURIFICATION

Purification of exhaust fumes from diesel engines with chemical solutions. N. Z. Bitkolov, T. F. Miroshnichenko. Izv. vys. uch. zav., gor. zhur. 5 no. 6:49-53 '62.

GASES—SEPARATION

Preface. Trudy Inst. isp. gaza AN USSR 9:3-4 '61.

GASES—SPECTRA

Approximate method for determining the integral intensity and half-width of lines of vibrational-rotational absorption bands of gases. P. I. Bresler. Opt. i spektr. 13 no. 3:313-316 S '62.

GASES, ASPHYXIATING AND POISONOUS

Russia (1923- U. S. S. R.) Gosudarstvennyi komitet po vnedreniiu peredovoi tekhniki v narodnoe khoziaistvo. [Industrial enterprises, methods for determining harmful substances in the air] Predpriiatiia promyshlennye, metody opredeleniia vrednykh veshchestv v vozdukhe. Izd offitsial'noe. Moskva, Standartgiz, 1961. 65 p. (SSSR. Gosudarstvennye standarty)

GASES, KINETIC THEORY OF

Boltzmann's equation of the kinetic theory of gases A. IA. Povzner. Mat. sbor. 58 no. 1, 65-86 '62.

GASES IN THE BLOOD see Blood, Gases in

GASES IN ROCKS
(see also subdivision under Kuban-Azov Lowland)

Iasenev, B. P. [Direct geochemical methods of oil and gas prospecting, methodological instructions for sampling, sealing, and degassing of rocks] Priamye geokhimicheskie metody poiskov neftl i gaza, metodicheskie ukazaniia po otboru prob gornykh porod, ikh germetizatsii i degazatsii. Pod red V. A. Sokolova. Moskva, Gostoptekhizdat, 1962. 57 p.

GASHOLDERS

Assembly of a gasholder with a capacity of 10,000 m^3 from rolled stock. V. F. Bardakov. Stroi truboprov 7 no. 8:21-22 Ag '62.

GASOLINE
(see also subdivision under Borislav)

Investigation of a diethylene glycol-gasoline emulsion, and methods for designing horizontal flow separators of emulsions. V. I. Mogil'nyi, A. V. Stepanov. Trudy Inst. isp. gaza AN USSR 9,90-96 '61

Production of energy in the heat consumption of casinghead gasoline plants. A. P. Klimenko, G. E. Kanevets, B. V. Gaiduk. Trudy Inst. isp. gaza AN USSR 9:103-108 '61.

Recovery of organic acids by the liquid extraction method B. S. Kiluchkov, L. A. Serafimov, S. V. Lvov Khim i tekh topl. i masel. 7 no. 7 20-21 Jl '62.

Requirements of gasolines and oils under rigorous winter conditions. A. Pokrovskii. Avt. transp. 40 no. 9 18-21 S '62.

GASTEROMYCETES see subdivision under Crimea

GASTROINTESTINAL HEMORRHAGE

Acute ulcers, erosions and hemorrhages of the stomach and intestines in myocardial infarct. I. G. Daniliak. Terap. arkh. no. 6:48-49 '62.

Hemangioendothelioma of the small intestine as a cause of severe intestinal hemorrhage [with summary in English]. V. A. Bakdtilanov, P. V. Shaburov. Vop. onk. 8 no. 8, 75-70 '62.

Invagination of the jejunum simulating gastric hemorrhage. S. I. Tolokh. Klin. khir. no. 7:77-78 Jl '62.

Spontaneous gastric hemorrhage in acute myocardial infarction. S. B. Laskin. Klin. med. 40 no. 6:130-134 Je '62.

GASTROPODA

Biology of the reproduction and development of Cuthona pustulata (Gastropoda, Nudibranchia). I. S. Roginskaia. Dokl. AN SSSR 146 no. 2 488-491 S '62.

GASTROPODA, FOSSIL see subdivision under Novaya Zemlya, Vaygach Island

GATCHINA DISTRICT—DUCKS

Sokolov, P. F. [Practices in growing ducks on the "Skvoritsy" Poultry Farm in Gatchina District, Leningrad Province] Opyt vyrashchivaniia utok na ptitsefarme "Skvoritsy" Gatchinskogo raiona Leningradskoi oblasti. Leningrad, Ob-vo po rasprostraneniiu polit, i nauchn. znanii RSFSR, 1962. 41 p. (DNAL)

GATES, HYDRAULIC

Experimental elements of reinforced concrete submerged gates of hydroelectric power stations. V. A. Geller, M. A. Levit. Gidr. stroi. 32 no. 8:31-36 Ag '62.

GAUGES

Obshadko, B. I. [Theory of tolerances and fits. Checking and measuring instruments and the techniques of measurement, methodological manual] Poniatie o dopuskakh i posadkakh. Kontrol'no-izmeritel'nye instrumenty i tekhnika izmerenila; metodicheskoe posobie. Moskva, Profitekhizdat, 1962. 50 p.

GAZEL (POETRY)

Seid Azima Shirvani's Persian gazels [in Azerbaijani with summary in Russian]. Izv. AN Azerb. SSR, Ser. obshchestv. nauk. no. 11:101-113 '61.

GEAR CUTTING

Ginzburg, E. G., and A. V. Shamanin. [Standard technological processes in manufacturing gear transmissions] Tipovye tekhnologicheskie protsessy izgotovlenila zubchatykh peredach. Pod obshchei red. N. I. Kolchina. Izd. 2., perer. i dop. Moskva, Mashgiz, 1962. 114 p. (Bibliotechka zubovreza, no. 2)

High-efficiency machining of low-module gear wheels. V. P. Efimov, V. I. Losnaia, I. M. Shtul'berg. Priborostroenie no. 9:6-8 S '62.

GEAR CUTTING—TECHNOLOGICAL INNOVATIONS

Shavilugn, N. I. [Mechanization and automation of gear-cutting operations] Mekhanizatsiia i avtomatizatsiia v zubonreznom dele Pod obshchei red N. I. Kolchina. Izd. 2. Moskva, Mashgiz, 1962. 91 p. (Bibliotechka zubovreza, no. 8)

GEAR-CUTTING MACHINES

Pismanik, K. M., and V. N. Kedrinskii. [Calculation and examples of adjustments of machine tools for cutting bevel gears with circular teeth] Raschet i primery naladok stankov dlia narezaniia konicheskikh koles s krugovymi zub'iami Pod obshchei red. N. I Kolchina Moskva, Mashgiz, 1962. 109 p. (Bibliotechka zubovreza, no. 5)

Precision gear-cutting machines abroad. B. L. Koperbakh Biul. tekh.-ekon. inform. Gos. nauch.-issl. inst. nauch. i tekh. inform. no. 9, 92-96 '62.

GEAR-SHAPING MACHINES

Cold rolling of low-module gear wheels of a rod on turret lathes. V. P. Efimov, B. Sh. Naroditskii. Priborostroenie no. 9:13-15 S '62.

The ST-1180-A automatic tooth-chamfering machine. S. M. Zonnenberg, V. T. Storchan. Biul. tekh.-ekon inform. Gos. nauch.-issl. inst. nauch. i tekh. inform no. 9:39-40 '62.

GEARING

Improvement of design and calculations of gears. K. I. Zablonskii. Mashinostroenie no. 1:101-107 Jl-Ag '62.

Kolchin, N. I., and M. S. Movnin. [Theory of mechanisms and machinery, construction and kinematics of mechanisms, dynamics of machinery and friction] Teoriia mekhanizmov i mashin, struktura i kinematika mekhanizmov, dinamika mashin i trenie Pod obshchei red, N. I Kolchina. Leningrad, Sudpromgiz, 1962. 615 p.

GEARING—STANDARDS

Standardization of gears is the foundation for an efficient organization of their manufacture and the improvement of quality. M. B. Groman, N. I. Evstiushin. Vest mashinosti 42 no. 9:3-14 S '62.

GEARING—TESTING

Pickup for checking the center distance of a gear-wheel tooth. I. V. Mazurenko. Stan. i instr 33 no. 9:19-21 S '62.

GEARING, BEVEL

Making bevel gear forgings with shaping of spiral teeth. IU. I. Konovalov. Kuz.-shtam. proizv. 4 no. 9:41-45 S '62.

GEARING, WORM

Spiroid worm gear transmission. B. D. Zotov, N. S. Golubkov. Mashinostroitel' no. 9, 35 S '62.

GEESE—PARASITES see Parasites—Geese

GEGAMSKIY RANGE—SOILS

Genesis and classification of mountain-meadow soils in the Gegamskiy Upland [in Armenian with summary in Russian]. I. M. Ovsepian. Izv. Upr. sel'khoz. nauki Arm. SSR 5 no. 6:67-71 '62.

GELATIN—DRYING

Drying of small gelatin cubes with the blowing method. V. S. Kol'tsov. Trudy NIKFI no. 15 77-83 '62.

GENERALIZED SPACES see Spaces, Generalized

GENERATIVE ORGANS, FEMALE

"Industrial vibration and specific functions of the female body" by M. A. Petrov-Maslakov and I. I. Klimots. Reviewed by P. V Monenkov. Kaz. med. zhur. no. 3:93 My-Je '62.

GENETICS

From the pages of foreign biological and agricultural publications N F Neiman, G N Miroshnichenko Agrobiologiia no 4 630-636 Jl-Ag '62

GENRE PAINTING

Nikiforov, B. M. [Soviet fine arts; genre painting] Sovetskoe izobrazitel'noe iskusstvo; zhanrovaia zhivopis'. Moskva, Izd-vo Akad. khudozh. SSSR, 1961. 123 p.
(WU)

[Russian genre painting of the 19th century] Russkaia zhanrovaia zhivopis' XIX veka. [Moskva, Izogiz, 1961. 4] p., 12 col. plates (in portfolio)
(MIU)

GEOCHEMICAL PROSPECTING
(see also subdivision under Vardenis Range)

[Geochemical method of searching for ore deposits in arid and semiarid regions] Gidrokhimicheskii metod poiskov rudnykh mestorozhdenii v aridnykh i poluaridnykh oblastiakh. [By] E. E. Boliakova i dr. Moskva, Gosgeoltekhizdat, 1962. 266 p.

GEOCHEMISTRY

Iso and heteropoly compounds and their role in geochemistry. V. A. Molava. Trudy IGEM no. 70:195-207 '62.

Migration of mercury in the supergene zone. A. A. Saukov, N. Kh. Aidinian, V. I. Vinogradov. Trudy IGEM no. 70:20-29 '62.

Migration series of elements in the weathering surface. A. I. Perel'man, S. G. Batulin. Kora vyvetr. no. 1: 219-250 '62.

Outlines of the copper geochemistry in the supergene zone. Part I: Characteristics of copper atom determining the migration in the supergene zone A. I. Perel'man, E. N Borisenko. Trudy IGEM no. 90:30-99 '62

Origin of earth shells. A. P Vinogradov. Vest AN SSSR 32 no. 9:16-20 S '62.

Phase transformations in the interior of the earth. S. M. Stishov. Priroda 51 no. 9 105-108 S '62.

Problem of the comparison of average contents of log-normally distributed components in rocks. D. A. Rodionov. Geokhimiia no. 8, 742-746 '62.

Relation between the ionic runoff and the runoff of matter in suspension. O. A. Alekin, L. V. Brazhnikova. Dokl. AN SSSR 146 no 1 204-206 S '62.

Summaries of the principal articles in "Geochimica et Cosmochimica Acta" no. 1, 1962. Geokhimiia no. 8 748-751 '62.

GEODESY

Polar method of laying out the borders of the edges of cuttings on steel billiards P I Minin Transp. stroi. 12 no. 8:11-12 Ag '62.

Solving geophysical and geodetic problems by the polynomial approximation method. V. A. Kazimirskii. Izv. vys. ucheb. zav., geod. i aerof. no. 2:90-114 '62.

GEODESY—ABSTRACTS

[Astronomy and geodesy] Ref. zhur.: Astron i geod no 10 O '62.

GEODIMETER

Required accuracy in measuring distances with small geodimeters. A. I. Lindberg Izv. vys. ucheb. zav., geod. i aerof. 5 no. 6:28-31 '62

GEO-ELECTRIC PROSPECTING see Electric prospecting

GEOGRAPHICAL NAMES see Names, Geographical

GEOGRAPHICAL RESEARCH see subdivision under Turkmenistan

GEOGRAPHICAL SOCIETIES
(see also subdivision under Ukraine)

Competition for the Geographical Society medals. Izv. Vses. geog. ob-va 94 no. 4:365 Jl-Ag '62.

GEOGRAPHY
(see also subdivision under Hungary; Ukraine)

Berg, L. S. [The history of Russian geographical discoveries] Istoriia russkikh geograficheskikh otkrytii. Moskva, Izd-vo Akad. nauk SSSR, 1962. 295 p.

This is interesting. Geog. v shkole 25 no. 5:26 S-O '62.

GEOGRAPHY—ABSTRACTS

[Geography] Ref. zhur.: Geog. no. 10 O '62.

GEOGRAPHY—AUDIO-VISUAL AIDS see subdivision under Lipetsk Province

GEOGRAPHY—BIBLIOGRAPHY see Bibliography—Geography

GEOGRAPHY—DICTIONARIES

"Dictionary of local geographical terms" by E. M. Murzaev and G. A. Murzaeva. Reviewed by S. K. Tsiluiko, T. O. Maramenko, Moveznavstvo 10:114-117 '61.

GEOGRAPHY—JUVENILE LITERATURE

"Globe"; geographical annual for children. Reviewed by R. Chupakhina, A. Chupakhin. Geog. v shkole 25 no. 5: 90-91 S-O '62.

GEOGRAPHY—MAPS

Changeable map of a local province. N. V. Malakhov. Geog. v shkole 25 no. 5:82-83 S-O '62.

GEOGRAPHY—STUDY AND TEACHING

At a new level I. Miastskicheva, N. Makarimov. Nar. obr no. 8:56-58 Ag '62

Editor's mail. Geog. v shkole 25 no. 5:69-72 S-O '62.

Lessons in a local geography museum. E. V. Seredina. Geog. v shkole 25 no. 5:57-58 S-O '62.

Students must work during the whole lesson. O. N. Mamtsev. Geog. v shkole 25 no. 5:61-62 S-O '62.

Teaching geography and the choice of a vocation. G. A. Zapalov. Geog. v shkole 25 no. 5:39-41 S-O '62.

Using toponymic material in a school geography course. S. D. Sheenko. Vop. geog. no. 58:167-170 '62.

"Work on local geography in primary grades" by Z. V. Chashchina. Reviewed by A. P. Popov. Nach. shkola 30 no. 8:81-83 Ag '62.

GEOGRAPHY—STUDY AND TEACHING—BIBLIOGRAPHY see Bibliography—Geography—Study and teaching

GEOGRAPHY—YEARBOOKS see subdivision under Lithuania

GEOGRAPHY, ECONOMIC
(see also subdivision 'Economic geography' under Asia, Southeastern; Belgium; Donets Basin; Kazakhstan; Kirghizistan; Kochkorka District; Kura Lowland; Naukatskiy District; Osh Province; Toguz-Torouskiy District; Virgin Territory; Yakutia)

Abroad. Geog. v shkole 25 no. 5:81-86 S-O '62.

GEOGRAPHY, ECONOMIC (Continued)

Rozin, M. S. [Geography of the mining industry of capitalist countries] Geografiia gornodobyvaiushchei promyshlennosti kapitalisticheskogo mira. Moskva, Geografgiz, 1962. 556 p.

Russia (1923- U. S. S. R.) TSentral'nyi metodicheskii kabinet po srednemu spetsial'nomu obrazovaniiu. [Economic geography, methodological aid. Program and exercises for control work with methodological instructions for carrying them out for students attending secondary specialized correspondence schools on the seventh-grade level. Approved by the Central Methodological Office on Secondary Education, December 19, 1961] Ekonomicheskaia geografiia, metodicheskoe posobie. Programma, zadaniia dlia kontrol'nykh rabot s metodicheskimi ukazaniiami po ikh vypolneniiu dlia uchashchikhsia zaochnykh srednikh spetsial'nykh uchebnykh zavedenii (na baze 7 klassov). Utverzhdeno TSentral'nym metodicheskim kabinetom po srednemu obrazovaniiu 19 dekabria 1961 g. Moskva, Vysshaia shkola, 1962. 46 p.

GEOGRAPHY, ECONOMIC—AUDIO-VISUAL AIDS

Graphic presentation of numerical indices in economic geography courses. S. K. Belozerov. Geog. v shkole 25 no. 5 42-48 S-O '62.

GEOGRAPHY, ECONOMIC—STUDY AND TEACHING

"Contact between the teaching of economic geography of the U. S. S. R. and the productive work of students" by I. S. Matiusov. Reviewed by T. O. Nechaeva. Geog. v shkole 25 no. 5:88 S-O '62.

Organization and methodology of teaching in the evening secondary schools. T. Nechaeva. Geog. v shkole 25 no. 5 63-66 S-O '62.

Samoilov, I. I., A. E. Bibik, and F. N. Shevlakov. [Problems of teaching economic geography in evening (staggered) school] Voprosy prepodavaniia ekonomicheskoi geografii v vechernei (smennoi) shkole. Moskva, Izd-vo APN RSFSR, 1962. 68 p. (Vechernie smennye zaochnye srednie shkoly)

Study of our cities in the independent works of students. E. S. Kosheleva. Geog. v shkole 25 no. 5 49-56 S-O '62.

GEOLOGICAL MODELING

Optical method of studying tectonic models. V. S. Sasinovych Geol. zhur. 22 no. 4:103-105 '62.

GEOLOGICAL RESEARCH

On the path of mastering the "underground cosmos." K. Shevtsov. Nar. khoz. Kazakh. 20 no. 8:16-17 Ag '62

GEOLOGICAL SPECIMENS—COLLECTION AND PRESERVATION

Sinegub, E. S. [How to collect rocks and minerals] Kak sobirat' gornye porody i mineraly 3 izd Moskva, Gosgeoltekhizdat, 1962 45 p (Biblioteczka iskatelia poleznykh iskopaemykh)

GEOLOGICAL SURVEYS see subdivision under Soviet Central Asia

GEOLOGICAL TIME
(see also subdivision under Ural Mountains)

Absolute geological time scale. M. M. Rubinshtein Trudy Geol. inst. AN Gruz SSR Min. i petr. ser. 6 173-189 '61.

Age of metamorphic rocks in the western part of the Stanovoy Range S. P. Korikovskii. Trudy VSGI. Ser. geol. no. 5:245-257 '62.

Significance of polymetamorphism in the solution of age problem of metamorphic complexes in fold areas. B. IA. Khoreva. Trudy VSEGEI 73:81-87 '62.

Using the archaeomagnetic method for dating archaeological objects S. P. Burlatskaia. Sov. arkheol 6 no. 3 99-104 '62.

GEOLOGY
(see also subdivision under Akhaltsikhe Depression, Antarctic regions; Azov Sea region; Balkan Mountains, Bashkiria, Carpathian Mountains; Caspian Depression; China, Georgia; Kitoy Valley, Konda Valley, Chita Province; Kulunda Steppe, Mikulichin region, Mongolia; Nechera Valley, Ol'khon Island region; Siberia, Eastern, Siberian Platform; Syul'ban Valley; Zhuya Valley)

Laz'ko, E. M. [Fundamentals of the regional geology of the U. S. S. R.] Osnovy regional'noi geologii SSSR. [L'vov] Izd-vo L'vovskogo univ.
Vol. 1. [European Russia and the Caucasus] Evropeiskaia chast' i Kavkaz. 1962. 423 p.

Malakhov, A. A. [Short course in general geology] Kratkii kurs obshchei geologii. Moskva, Gos. izd-vo "Vysshaia shkola," 1962. 241 p.

Some geological studies at the Academy of Sciences of the U. S. S. R. D. I. Shcherbakov. Izv. AN SSSR. Ser. geol. 27 no. 9:3-11 S '62.

GEOLOGY—ABSTRACTS

[Geology] Ref. zhur.: Geol. no. 10 O '62. Avtorskii ukazatel', 1961 god, publ. 1962.

GEOLOGY—BIBLIOGRAPHY see Bibliography—Geology

GEOLOGY—CONGRESSES

Results of the Rostov conference on regional studies of the subsurface geology of closed areas N. A. Bellaev-skii, N. I. Vargin Sov. geol. 5 no. 8 168-172 Ag '62

Twenty-second Session of the International Geological Congress. Geol. zhur. 22 no. 4 111-115 '62

Twenty-second Session of the International Geological Congress. Uzb. geol. zhur. 6 no. 1 91-92 '62.

GEOLOGY—MAPS
(see also subdivision under Ukraine)

Methods and problems of lithofacies mapping in closed areas B. M. Mikhailov Trudy VSEGEI 72,21-27 '62

GEOLOGY, STRATIGRAPHIC
(see also subdivision under Africa; Altai Mountains, Apsheron Peninsula, Armenia, Asia, Central, Asia, Southwestern, Baikal Lake region, Buzuluk Valley; Central Siberian Plateau, Chernyshev Ridge, Chiatura region, Dnieper-Donets Lowland, Donets Basin, Dzungarian Ala-Tau, Fergana; Ili Valley, Indigirka Valley, Iori Valley, Kerch Peninsula; Khoper Valley; Kobystan, Kura Valley, Minusinsk Basin; Nakhichevan A. S. S. R., Sachkhere District, Sayan Mountains, Siberian Platform, Son-Kul' region, Soviet Far East, Tarbagatay Range, Timan Ridge; Transcarpathia; Turukhan Valley, Tuva A. S. S. R., Verkhoyansk Range, Yenisey Valley)

Chronology of the Quaternary. N. V. Kind. Priroda 51 no. 9:57 S '62.

GEOLOGY, STRUCTURAL
(see also subdivision under Altai Mountains; Azerbaijan, Berezovo region, Tyumen' Province, Caucasus, Caucasus, Northern, Cheleken Peninsula; Gissar Range; Iori Valley, Kura Valley; Sikhote-Alin' Range; Sukhana Depression region, Sukhumi region, Tarbagatay Range, Tarbagatay Valley; Tien Shan, Tomsk Province; Tuva A. S. S. R.; Ural Mountains, Vyatka Valley, West Siberian Plain)

Coordination of studies in the field of geomorphology and recent tectonics IU. A. Meshcheriakov Sov. geol. 5 no. 8:165-168 Ag '62

Cyclicity in the history of the earth. G. P. Leonov Vest. Mosk. un. Ser. 4:Geol. 17 no. 4:3-12 Jl-Ag '62.

Morphologic classification of platform structures. V. D. Nalivkin. Geol. nefti i gaza 6 no. 8 24-28 Ag '62.

Vsesoiuznoe paleontologicheskoe obshchestvo. [Importance of the biosphere in geological processes. Problems of the interrelation of paleontology and tectonics; transactions] Znachenie biosfery v geologicheskikh protsessakh. Voprosy vzaimosviazi paleontologii i tektoniki, trudy V i VI sessii Vsesoiuznogo paleontologicheskogo obshchestva. Moskva, Gosgeoltekhizdat, 1962. 247 p.

GEOLOGY, STRUCTURAL—MAPS see subdivision under Caspian Sea region, Ust-Urt

GEOMETRICAL DRAWING

Men'shikov, N. S. [Geometrical drawing; textbook for the fulfillment of the 1st task in mechanical drawing] Geometricheskoe cherchenie; uchebnoe posobie dlia vypolneniia 1-go zadaniia po mashinostroitel'nomu chercheniiu. Izd. 2., perer. i dop. Leningrad, Leningr. politekhn. in-t im M. I. Kalinina, 1962. 104 p

GEOMETRY

Pol'skii, N. I. [On the various geometries] O razlichnykh geometriiakh. Izd. 2., dop. i perer. Kiev, Izd-vo Akad. nauk USSR, 1962. 99 p. (Nauchno-populiarnaia literatura)

GEOMETRY—PROBLEMS, EXERCISES, ETC.

Compasses, ruler and . . . scissors. Znan.-sila 37 no. 6:48 Je '62.

Liman, M. M. [Practical problems on geometry for eight-year schools, teacher's manual] Prakticheskie zadachi po geometrii dlia vos'miletnei shkoly, posobie dlia uchitelei. Moskva, Uchpedgiz, 1961. 92 p.

Requirements which a book of geometric problems for high schools should answer. V. A. Zharov. Uch. zap. IAr. gos. ped. inst. no. 34:37-43 '60.

GEOMETRY—STUDY AND TEACHING

Studying the characteristic properties of geometric figures in a school course in geometry. V. A. Zharov. Uch. zap. IAr. gos. ped. inst. no. 34:45-66 '60.

GEOMETRY, DESCRIPTIVE

Conformal circular transformations in a Lobachevskii plane. I. Sh. Epshtein. Uch. zap. IAr. gos. ped. inst. no. 34:325-336 '60

Cyclographic mapping of a Lobachevskii space on an elliptic plane Z. A. Skopets. Uch. zap. IAr. gos. ped. inst. no. 34:219-231 '60

Some cyclographic problems in non-Euclidean geometry. Z. A. Skopets. Uch. zap. IAr. gos. ped. inst. no. 34:235-299 '60.

GEOMETRY, DIFFERENTIAL

Introduction of absolute differentiation in Finsler space. V. K. Kropina. Uch. zap. IAr. gos. ped. inst. no. 34:113-123 '60

Invariant subspaces of one operator. T. I. Zelenlak. Sib. mat. zhur. 3 no. 3:471-475 My-Je '62.

Linear surfaces which can be obtained in connection with the study of certain families of curves. V. G. Kopp Izv. vys. ucheb. zav., mat. no. 3 67-74 '62.

On degenerate conformal geometries [with summary in English]. I. V. Parnasskii. Vest. Mosk. un. Ser. 1 Mat., mekh. 17 no. 5:41-53 S-O '62.

Some problems in Finsler geometry. V. L. Zaguskin Uch. zap. IAr. gos. ped. inst. no. 31 83-110 '60.

Tutaev, L. K. [Lines and surfaces in affine three-dimensional space] Linii i poverkhnosti v affinnom trekhmernom prostranstve. Minsk, Izd-vo M-va vysshego, srednego spetsial'nogo i professional'nogo obrazovaniia BSSR, 1962. 118 p.

GEOMETRY, DIFFERENTIAL—PROJECTIVE

Projective differential geometry of two-parameter families of straight lines and surfaces in four-dimensional space. Part 2. S. I. Karapetian Izv. AN Arm. SSR Ser. fiz.-mat. nauk 15 no. 3:17-28 '62

Theory of curves in a projective n-dimensional space. A. S. Udalov. Dokl. AN SSSR 146 no. 1:43-49 S '62.

GEOMORPHOLOGY
(see also subdivision under Crimean Mountains, Kakhovka Reservoir region, Kulunda Steppe, Mius Valley, Stugna Valley; Transcarpathia)

Coordination of studies in the field of geomorphology and recent tectonics IU. A. Meshcheriakov Sov. geol. 5 no. 8:165-168 Ag '62.

Origin of wedge-shaped bodies in Quaternary sediments. A. G. Kostiaev. Vest. Mosk. un. Ser. 4:Geol 17 no. 4: 55-61 Jl-Ag '62.

GEOPHYSICAL RESEARCH see subdivision under Antarctic regions

GEOPHYSICS

Estimation of the effect of turbulent scattering along the vertical and in the direction of the wind on the propagation of a polydispersed impurity. V. N. Petrov, A. IA. Priesaman. Dokl. AN SSSR 146 no. 1:86-88 S '62.

Solving geophysical and geodetic problems by the polynomial approximation method. V. A. Kazinskii. Izv. vys. ucheb. zav.; geod. i aerof. no. 2:99-111 '62.

GEOPHYSICS—ABSTRACTS

[Geophysics] Ref. zhur.: Geofiz. no. 10 O '62.

GEOPHYSICS—INTERNATIONAL COOPERATION

International cooperation of geophysicists; an interview with Professor S. Chapman. Priroda 51 no. 9:101 S '62.

GEOPHYSICS—OBSERVATIONS

Akademiia nauk Gruzinskoi SSR Tiflis. Institut geofiziki. [Annual of geophysical observations, 1958] Ezhegodnik geofizicheskikh nabliudenii, 1958. Tbilisi, Izd-vo Akad. nauk Gruzinskoi SSR, 1961. 151 p.

GEOPOLITICS see subdivision under Germany, West

GEORGIA—ECONOMIC CONDITIONS

Akademiia nauk Gruzinskoi SSR, Tiflis. Institut ekonomiki. [The Georgian S. S. R.; concise historical and economic study] Gruzinskaia SSR, kratkii istoriko-ekonomicheskii ocherk. Pod red. P. V. Gugushvili. Tbilisi, Izd-vo Soiuza pisatelei Gruzii "Zaria Vostoka," 1961. 133 p.

[MICROFILM]

GEORGIA—GEOLOGY

Geology of Post-Paleogene volcanic continental formations in the eastern part of southern Georgia Sh. A. Adamiia, K. G. Matskhonashvili, O. D. Khutsishvili Trudy Geol. inst. AN Gruz. SSR, Min. i petr. ser. 6:73-106 '61

GEORGIA—HISTORY

Akademiia nauk Gruzinskoi SSR, Tiflis. Institut ekonomiki. [The Georgian S. S. R., concise historical and economic study] Gruzinskaia SSR; kratkii istoriko-ekonomicheskii ocherk. Pod red. P. V. Gugushvili. Tbilisi, Izd-vo Soiuza pisatelei Gruzii "Zaria Vostoka," 1961. 133 p.

[MICROFILM]

GEORGIA—HYBRID CORN

Intervarietal corn hybrids for ensilage in mountainous areas of Georgia L. L. Dekapreievich, O. N. Dgebuadze Agrobiologiia no. 4 505-509 Jl-Ag '62.

GEORGIA—KARST

Information on the work of the Karst Laboratory of the Institute of Geography of the Academy of Sciences of the Georgian S. S. R. for 1956. Z. K. Tintilozov Nov. kar. i spel. no. 2 53-56 '61

GEORGIA—MOTION-PICTURE PLAYS

Triptych on the times. A. Zorkii. Isk. kino no. 9:25-28 S '62.

GEORGIA—OIL FIELD BRINES

General nature of formation waters and water extracts from cores of oil-bearing Tertiary formations in Georgia. S. S. Chikhelidze Trudy Geol. inst. AN Gruz. SSR. Geol. ser. 12:180-182 '61

GEORGIA—ORE DEPOSITS

Prospecting indications to hidden copper-sulfide and barite-lead-zinc ore bodies in the southeastern part of Georgia. IU. I. Nazarov. Trudy Geol. inst. AN Gruz. SSR. Min. i petr. ser. 6:199-211 '61.

GEORGIA—PETROLOGY

Petrography of Upper Cretaceous volcanic formations in southern Georgia. G. M. Zaridze, N. F. Tatrishvili, I. I. Khmaladze. Trudy Geol. inst. AN Gruz. SSR. Min. i petr. ser. 6:27-71 '61.

GEORGIA—ROCKS, CRYSTALLINE AND METAMORPHIC

Metamorphic series of the Lokskiy Massif. Sh. I. Dzhavakhishvili. Trudy Geol. inst. AN Gruz. SSR. Min. i petr. ser. 6:15-26 '61.

GEORGIA—STATE FARMS—OFFICIALS AND EMPLOYEES

The position of economist is being established on state farms. A. Ashchian. Fin. SSSR 23 no. 9:77 S '62.

GEORGIA—STOMATOLOGY

Work of the Republic Stomatological Polyclinic of the Georgian S. S. R. V. I. Sakvarelidze. Stomatologiia 41 no. 1:82 Ja-Ag '62.

GEORGIA—VITICULTURE

Chavkviani, K. N. [Viticulture and its place in the economy of Soviet Georgia] Vinodelie i ego mesto v ekonomike Sovetskoi Gruzii. Tbilisi, Izd-vo SP Gruzii "Zaria Vostoka," 1962. 205 p.

GEORGIAN POETRY—HISTORY AND CRITICISM

Bring that which is new into the life of the people. Georgii Leonidze. Vop. lit. 6 no. 9:108 S '62.

GERASIMOV, SERGEI VASIL'EVICH, 1885-

New landscapes by S. V. Gerasimov. S. Kaplanova. Iskusstvo 25 no. 7:21-24 '62.

GERIATRICS

Akademiia meditsinskikh nauk SSSR, Moscow. [Problems of gerontology and geriatrics] Voprosy gerontologii i geriatrii. Leningrad, Medgiz, 1962. 279 p. (DNLM)

Functional state of the myocardium in elderly and old subjects [with summary in English]. K. A. Morozov. Kardiologiia 2 no. 4:52-58 Jl-Ag '62.

GERMAN DEMOCRATIC REPUBLIC see Germany, East

GERMAN FEDERAL REPUBLIC see Germany, West

GERMAN LANGUAGE—DICTIONARIES—RUSSIAN

Bunin, D. A., and A. A. Shubin, comps. [Concise German-Russian dictionary on automatic and remote control] Kratkii nemetsko-russkii slovar' po avtomatike i telemekhanike. Moskva, Glav. red. inostr. nauchno-tekhn. slovarei Fizmatgiz, 1962. 531 p.

GERMAN LANGUAGE—STUDY AND TEACHING

Interest in an academic subject. I. Dik. Nar. obr. no. 10:36-37 O '62.

Trel'iakova, E. A. [Portable tables for German language lessons; teachers' aids for developing skill in the spoken language] Peredvizhnye tablitsy na urokakh nemetskogo iazyka; posobie dlia uchitelei po razvitiiu navykov ustnoi rechi. Moskva, Uchpedgiz, 1960. 242 p. (CLU)

GERMANIC LANGUAGES—GRAMMAR, COMPARATIVE

Akademiia nauk SSSR. Institut iazykoznaniia. [Comparative grammar of the Germanic languages in five volumes] Sravnitel'naia grammatika germanskikh iazykov v piati tomakh. Glavnaia redaktsiia: M. M. Gukhman i dr. Moskva, Izd-vo Akad. nauk SSSR

Vol. 1. [The Germanic languages and problems of Indo-European areal linguistics] Germanskie iazyki i voprosy indoevropeiskoi areal'noi lingvistiki. 1962. 204 p.

GERMANIUM

Anomalous characteristics of point contacts with germanium and silicon surfaces. B. S. Muravskii. Fiz. tver. tela 4 no. 9:2485-2489 S '62.

Determining the effective capturing cross sections for majority carriers by copper atoms in germanium on the basis of the nonstationary extrinsic photoconductivity. B. V. Kornilov. Fiz. tver. tela 4 no. 9:2416-2418 S '62.

Effect of holes on the elastic constants of germanium. G. L. Bir, A. Tursunov. Fiz. tver. tela 4 no. 9:2625-2628 S '62.

Effective electron mass in germanium heavily alloyed with arsenic. E. P. Rashevskaia, V. I. Fistul'. Fiz. tver. tela 4 no. 9:2601-2603 S '62.

Nature of the neutralization of surface recombination centers in germanium. IU. A. Kurskii. Fiz. tver. tela 4 no. 9:2620-2622 S '62.

Radiative recombination on dislocations in germanium. A. A. Gippius, V. S. Vavilov. Fiz. tver. tela 4 no. 9:2426-2433 S '62.

GERMANIUM COMPOUNDS

Esters of trialkylgermylacetic acid. IU. I. Baukov, I. F. Lutsenko. Zhur. ob. khim. 32 no. 8:2746-2747 Ag '62.

GERMANIUM SELENIDE

Germanium diselenide. Liu T'Sun'-khua [Liu Ch'un-hua] A. S. Pashinkin, A. V. Novoselova. Zhur. neorg. khim. 7 no. 9:2159-2161 S '62.

GERMANY—ANTIQUITIES

The early German Middle Ages in the light of archeological studies. S. A. Kaufman. Sred. veka no. 22:205-233 '62.

GERMANY—COMMERCE—TURKEY

Economic penetration of fascist Germany into Turkey on the eve of the Second World War, 1933-1939. B. Nekiev. Izv. AN Turk. SSR. Ser. obshchestv. nauk no. 3:18-25 '62.

GERMANY—FOREIGN RELATIONS

"The foreign policy of Hitlerite Germany" by V. D. Ushakov. Reviewed by I. G. Churbanov. Vop. ist. no. 9:132-134 S '62.

GERMANY—MIDDLE AGES

The early German Middle Ages in the light of archeological studies. S. A. Kaufman. Sred. veka no. 22:208-233 '62.

GERMANY—PEACE TREATIES

Tanin, S. [Peaceful settlement with Germany is the order of the day] Mirnoe uregulirovanie s Germaniei - veleniie vremeni. Moskva, Izd-vo In-ta mezhdunarodnykh otnoshenii, 1962. 79 p.

GERMANY—POLITICS AND GOVERNMENT

Peace treaty and the self-determination trick. G. Starushenko. Mezhdunar. zhizn' 9 no. 10:6-13 O '62.

GERMANY, EAST—ATOMIC ENERGY RESEARCH

Atomic energy in the German Democratic Republic. Ri. Mitiaev. Atom. energ. 13 no. 3:287-291 S '62.

GERMANY, EAST—DRAINAGE

Recent developments in the reclamation of land in the German Democratic Republic. V. A. Skotnikov. Gidr. i mel. 14 no. 6:46-52 Je '62.

GERMANY, EAST—ECONOMIC CONDITIONS

"The national economy of the German Democratic Republic; 15 years of peacetime development." Reviewed by A. Telefus. Vop. ekon. no. 9:124-126 S '62.

GERMANY, EAST—ECONOMIC POLICY

Creation of the technical and material basis of socialism in the German Democratic Republic [with summary in English]. D. S. Korchunova. Vest. LGU 17 no. 17:24-36 '62.

GERMANY, EAST—EDUCATION

Schools of the German Democratic Republic. V. Lorentz. Nar. obr. no. 10:96-99 O '62.

GERMANY, EAST—FARM EQUIPMENT

Precast reinforced concrete feeders for juicy ground fodders on farms in the German Democratic Republic. G. Noskin. Sil'. bud. 12 no. 8:20-21 Ag '62.

GERMANY, EAST—FOREIGN RELATIONS

Rudolf Doelling on the foreign policy of the German Democratic Republic; an interview. Nov. vrem. 20 no. 14:16-17 O '62.

GERMANY, EAST—MOTION PICTURES—EQUIPMENT AND SUPPLIES

Exhibition of the new models of optical instruments and articles manufactured by the motion-picture industry of the German Democratic Republic. Tekh. kino i telev. 6 no. 10:94-95 O '62.

GERMANY, EAST—POLITICS AND GOVERNMENT

Ulbricht, Walter. [Development of the German People's Democratic State, 1945-1958. Translated from the German] Razvitie Germanskogo narodno-demokraticheskogo gosudarstva, 1945-1958. Moskva, Izd-vo inostr. lit-ry, 1961. 701 p. (NNC)

GERMANY, EAST—PRECAST CONCRETE

Precast reinforced concrete feeders for juicy ground fodders on farms in the German Democratic Republic. G. Noskin. Sil'. bud. 12 no. 8:20-21 Ag '62.

GERMANY, EAST—RADIO

An obligation of utmost importance. R. Shtaimer. Radio no. 8:13 S '62.

GERMANY, EAST—TESTING MACHINES

Testing machines and devices manufactured in East Germany. G. I. Kononenko. Priborostroenie no. 9:31-32 S '62.

GERMANY, EAST—THEATER

The German Theater presents "William Tell." M. P. Teatr 23 no. 8:164 Ag '62.

GERMANY, WEST—ARMED FORCES

Dangerous illusions. L. Nikolaeva. Nov. vrem. 20 no. 43:9-10 O '62.

GERMANY, WEST—CREDIT

Role of the credit system of the German Federal Republic in foreign economic expansion. F. Deza. Den. i kred. 20 no. 9:78-87 S '62.

GERMANY, WEST—ECONOMIC CONDITIONS

West-German revanchism and European "integration." Zdenek Fierlinger. Nov. vrem. 20 no. 10:5-6 O '62.

GERMANY, WEST—FOREIGN ECONOMIC RELATIONS

Role of the credit system of the German Federal Republic in foreign economic expansion. F. Deza. Den. i kred. 20 no. 9:78-87 S '62.

GERMANY, WEST—FOREIGN ECONOMIC RELATIONS—AFRICA

Penetration of West German monopolies into African countries. P. I. Polishikov. Uch. zap. IMO no. 6:75-101 '61.

GERMANY, WEST—FOREIGN ECONOMIC RELATIONS—CAMEROON

Bonn business men at the gates of the Cameroons. I. Svitoev. Nov. vrem. 20 no. 42:16-19 O '62.

GERMANY, WEST—FOREIGN ECONOMIC RELATIONS—UNDERDEVELOPED AREAS

Collapse of the colonial system of imperialism and the struggle of the German Federal Republic for "direct relations" with underdeveloped countries. V. M. Kochalin. Uch. zap. IMO no. 6:19-48 '61.

GERMANY, WEST—FOREIGN RELATIONS

Bonn, outpost of anticommunism. D. Ilimov. Mezhdunar. zhizn' 9 no. 10:29-36 O '62.

GERMANY, WEST—FOREIGN RELATIONS—FRANCE

The present-day policy of France. A. Z. Manfred. Nov. vrem. 20 no. 41:4-7 O '62.

GERMANY, WEST—GEOPOLITICS

Geopolitical doctrines and their role in the revanchist plans of West German monopolies. A. A. Zasukhin. Geog. v shkole 25 no. 5:16-18 S-O '62.

GERMANY, WEST—HISTORIOGRAPHY

Distortion of source materials by West German bourgeois historians. V. I. Salov. Vop. ist. KPSS 6 no. 9:167-176 '62.

GERMANY, WEST—POLITICS AND GOVERNMENT

Bonn, outpost of anticommunism. D. Ilimov. Mezhdunar. zhizn' 9 no. 10:29-36 O '62.

Executive committees of monopolists. P. Konstantinov. Prot. zhizn' Kazakh. 32 no. 9:10-15 S '62.

Twilight of the Adenauer regime. V. Krasnopol'skii. Nov. vrem. 20 no. 42:16-17 O '62.

West-German revanchism and European "integration." Zdenek Fierlinger. Nov. vrem. 20 no. 40:5-6 O '62.

GERMANY, WEST—TRIALS (POLITICAL CRIMES AND OFFENSES)

"Subversion?" [in German] by Heinz Kraschutzki. Reviewed by K. Hofman. Nov. vrem. 20 no. 43:30-31 O '62.

GERMANY, WEST—WINDOWS—GLAZING

Soundproofing characteristics of double-glass packages (from "Glastechnik Berichte," no. 11, 1961). Stek. i ker. 19 no. 9:43 S '62.

GERMICIDES see Fungicides

GERMINATION

Development and germination of sugar beet seeds [with summaries in English, German, and French]. N. N. Zalkovskaia. Vest. sel'khoz. nauki 7 no. 8:50-53 Ag '62.

Effect of gibberellin on the germination of barley seeds of various ripening degree. V. I. Volodin. Shor. trud. asp. i mol. nauch. stor. VIR no. 1:70-76 '60.

Effect of seed germination at variable temperatures on the growth and yield of carrots. L. V. Sazonova. Shor. trud. asp. i mol. nauch. sotr. VIR no. 1:218-226 '60.

Enzyme synthesis and its inhibition by antibiotics in cotyledons of germinating peas. N. I. Proskuriakov, M. B. Habintseva. Dokl. AN SSSR 146 no. 2:464-466 S '62.

Frost resistance of corn specimens during the period of seed germination at lowered temperatures above freezing point. A. F. Kovnir'. Shor. trud. asp. i mol. nauch. sotr. VIR no. 1:94-104 '60.

GERMS see Bacteria

GEYSERS see subdivision under Kul'dur Valley

GHANA—ECONOMIC CONDITIONS

Strengthening the government's position in the monetary and credit system of Ghana. V. M. Den. i kred. 20 no. 9:71-76 S '62.

GHANA—FINANCE

Strengthening the government's position in the monetary and credit system of Ghana. V. M. Den. i kred. 20 no. 9:71-76 S '62.

GHAZEL see Gazel (Poetry)

GIARDIASIS

Bronchopulmonary manifestations in lambliasis. A. G. Lepinko. Klin. med. no. 12:50-51 '61.

Psychoses in acrichine intoxication in children suffering from Lambliasis [with summary in French]. L. P. Saldina. Zhur. nevr. i psikh. 62 no. 7:1072-1076 '62.

GIBBERELLIC ACID

Use of gibberellic acid. L. V. Maselova, I.V. Maselov. Zemledelie 24 no.6:73-75 Ag '62.

GIBBERELLIN

Effect of gibberellin on cotton. D. Agabinbiev. Izv. AN Turk. SSR. Ser. biol. nauk no.3:21-27 '62.

Effect of gibberellin on the germination of barley seeds of various ripening degree. V.I. Volodin. Sbor. trud. asp. i mol. nauch. sotr. VIR no.1:70-76 '60.

GIBBSITE see subdivision under Batum region

GIRAFFES

Hypertensive giraffe. Znan.-sila 37 no.5:37 My '62.

GIRDERS see Beams and girders

GISSAR RANGE—GEOLOGY, STRUCTURAL

Igneous activity and metallogeny in the Paleozoic history of the geological development of the southern Gissar Range (southern Tien Shan). E.N. Gorelskaia, N.K. Morozenko. Trudy VSEGEI 73:29-48 '62

GISSAR RANGE—ROCKS, CARBONATE

Types of Upper Jurassic cross sections in southwestern spurs of the Gissar Range and their zonal distribution. L.M. Abetov. Uzb. geol. zhur. 6 no.4:40-52 '62.

GISSAR RANGE—SALT DEPOSITS

Mineralogy of the Tyubegatan salt deposit. D. Iskhakzarov, S. Mukhamedzhanov, V.A. Pertenava. Uzb. geol. zhur. 6 no.4:61-71 '62.

GLACIAL EPOCH

Ancient glaciation areas in the U.S.S.R. I.A. Suetova. Priroda 51 no.9:122-123 S '62.

GLACIERS see subdivision under Caucasus, Kyrzhina Range, Terek Valley, Terskei Ala-Tau, Tien Shan

GLACIOLOGICAL RESEARCH see subdivision under Kazakhstan

GLANDS, DUCTLESS see Endocrine glands

GLASS

All-Union state standard for packing cases for window glass. Biul. standartov. tekh. 19 no.3:21-26 Mr '62.

Electron paramagnetic resonance of Cr^{3+} in glasses. N.S. Garif'ianov. Fiz. tver. tela 4 no.9:2450-2453 S '62.

New crystal glass materials made of slag. I.I. Kitaigorodskii, K.T. Bondarev. Priroda 51 no.9:111-114 S '62.

Reactivity and hydraulic activity of slag glass. P.P. Budnikov, V.L. Pankratov, E.P. Kevesh. Dokl. AN SSSR 146 no.2:415-417 S '62.

The technology of the manufacture of articles from zinc-sulfide glass. R.M. Fridman. Stek. i ker. 19 no.9:39-40 Ag '62.

GLASS—PATENTS see subdivision under France

GLASS—TESTING

Method of measuring the strength of sheet glass. F.F. Vitman and others. Stek. i ker. 19 no.8:9-11 Ag '62.

GLASS, COLORED

Large stained glass made of glass blocks. V. Hetling, S. Benidskii. Na stroi. Ros. 3 no.5:23-24 My '62.

Mechanized working of selenium ruby sheet glass. M.A. TSaritsyn and others. Stek. i ker. 19 no.8:10-12 Ag '62.

GLASS CONSTRUCTION

Glass doors. K.T. Bondarev, G.I. Milkevich. Stek. i ker. 19 no.8:11-13 Ag '62.

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oduction of glass
er. 19 no.8:41

mlianenko. Ogneu-

ling flat glass.
.mat. i konstr. 4

es, Glass

ND SUPPLIES
, V.I. Denisov and
S '62.
Gegelashvili, L.D.
), 9:32-33 S '62.

aterials. I.Baranov-
i konstr. 4 no.2:

on the technology of
ool and products made
31-32 Ag '62.

bers. K.F. Leonov.
62.

GLASS FURNACES
(see also subdivision under Czechoslovakia)

Calculations for cooking tanks of pot furnaces. D.S. Velev. Stek. i ker. 19 no.8:3-8 Ag '62

Lining of tunnel furnace conveying cars with refractory blocks. A.E. Rabinovich, A.N. Rybakov. Stek. i ker. 19 no.9:35-36 S '62.

Studying the performance of various refractories in the glass tank furnaces of the Gomel' glass factory. D.V. Zalitniak and others. Stek. i ker. 19 no.9:1-7 S '62.

GLASS MANUFACTURE
(see also subdivision under United States)

Automation of the registering of perpendicularity of a batch. K.T. Polov. Stek. i ker. 19 no.8:12 Ag '62.

Efficient system of thermal processing of the glass screen of VIT glass-metal sealed vacuum tubes. A.K. Mindiuk. Stek. i ker. 19 no.9:19-20 S '62.

Experimental determining of the movement rate of bubbles in the melt. F.G. Solinov, N.A. Pankova. Stek. i ker. 19 no.9:13-16 S '62.

Our contribution to the seven-year plan. D.A. Kriuchenkov. Stek. i ker. 19 no.8:1-3 Ag '62

Project of a conveyor for two-side grinding and polishing of glass. Stek. i ker. 19 no.8:44-45 S '62.

Use of potassium compounds as radioactive indicators in the investigation of glass manufacturing processes. V.A. Dubrovskii, T.S. Dubrovskaia, O.T. Shkarlinskii. Stek. i ker. 19 no.9:11-13 S '62.

GLASS MANUFACTURE—BIBLIOGRAPHY see Bibliography—Glass manufacture

GLASS MANUFACTURE—CHEMISTRY see subdivision under Great Britain

GLASS MANUFACTURE—HYGIENIC ASPECTS see subdivision under White Russia

GLASS MANUFACTURE—PATENTS see subdivision under France

GLASS MANUFACTURE—PERIODICALS

Conference of the readers of "Steklo i keramika" journal in Lisichansk. Stek. i ker. 19 no.9:44 S '62.

GLASS PAINTING AND STAINING

Use of the cliché printing method in glass decoration. I.V. Pishch. Stek. i ker. 19 no.9:33-34 S '62.

GLASS PAINTING AND STAINING—PATENTS see subdivision under France

GLASS PIPE see Pipe, Glass

GLASS REINFORCED PLASTICS

Butt joints for glass pipe made of glass reinforced plastic. V. Samsonov, IA. Bairgrii, V. Binlykh. Bud. mat. i konstr. 1 no.2:32-34 Mr-Ap '62.

"Glass-reinforced plastics, the material of the future" by B.I. Kiselev. "High-strength glass-reinforced plastics" by A.K. Burov and G.D. Andreevskaia. Reviewed by G.V. Kozolev. Priroda 51 no.7:123-124 Jl '62

Levitskaia, O.M., and V.A. Bresler. [Practices in the manufacture of products from glass polyester plastics] Opyt proizvodstva izdelii iz poliefirnykh steklioplastikov. Leningrad, 1962. 23 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Serila: Sinteticheskie materialy, no.1)

GLASS REINFORCED PLASTICS—TESTING

The effect of temperature-moisture and chemical factors on the physicomechanical properties of glass reinforced plastics. K.V. Pinferov, I.G. Romanenkov. Trudy TSNIISK no.11:284-288 '62.

Mechanical properties of glass reinforced plastics. K.A. Chapskii. Trudy TSNIISK no.11:284-288 '62.

Study of the protracted support of glass-reinforced plastic rods for concrete reinforcement. L. Stepanenko, V. Pustovoitov. Bud. mat. i konstr. 4 no.2:35-37 Mr-Ap '62.

GLASS RESEARCH

Symposium on the "Mechanical properties and structure of inorganic glass." P.IA. Bokin. Stek. i ker. 19 no.9:45-48 S '62.

GLASSWORKERS—DISEASES AND HYGIENE

Industrial hygiene in glass works. V.S. Bodiako, G.I. Pashkovskaia, N.S. Irger. Gig. i san. 26 no.12:82-86 D '61.

GLIDERS (AERONAUTICS) see subdivision under Poland

GLIKMAN, GAVRIIL

Whatever passes by swiftly goes into eternity. IU. Altanskii. Teatr 23 no.8:150-151 Ag '62.

GLOBINO DISTRICT—POTATOES—DISEASES AND PESTS

Basic forms of the degeneration of potatoes under conditions prevailing on farms in the wooded steppe zone of the U.S.S.R. M.F. Murav'eva. Sbor. trud. asp. i mol. nauch. sotr. VIR no.1:177-183 '60.

GLUE

Timokhin, N.A. [Manufacture of hide glue; new techniques, overall mechanization, and automation of production] Proizvodstvo mezdrovogo kleia; novaia tekhnologiia, kompleksnaia mekhanizatsiia i avtomatizatsiia proizvodstva. Moskva, Rostekhizdat, 1962. 147 p.

Using glues for making the joints of precast reinforced concrete elements of hydraulic structures. E.V. Lavrinovich, M.E. Neveleva, V.V. Savitskaia. Gidrostroi 32 no.8:22-26 Ag '62

Using synthetic glue at the Volgograd Tractor Plant. V.I. Makhinia. Mashinostroitel' no.9:36 S '62.

GLUING

Effect of the nature of the glued material on the temperature conditions of gluing. N.K. Baramboim, E.P. Saltusova, S.P. Cheremisinova. Nauch. trudy MTILP no.23:71-74 '61

Machines for continuous gluing of shields. V.A. Blinkov. Der. prom. 11 no.10:9-11 O '62.

Temkina, R.Z. [Rapid wood gluing by a cold method using quick-hardening carbamide resins] Uskorennoe skleivanie drevesiny kholodnym sposobom karbamidnymi smolami bystrogo otverzhdeniia. Stenogramma lektsii, prochitannoi v LDNTP dlia rabotnikov mebel'noi i derevoobrabatyvaiushchei promyshlennosti. Leningrad, 1962. 19 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Serila: Derevoobrabatyvaiushchaia promyshlennost')

GLUING—EQUIPMENT AND SUPPLIES

Fan clamp. L.K. Prianichnikov, N.I. Karavaev. Transp. stroi. 12 no.8:52-53 Ag '62.

GLUTAMIC ACID see subdivision under China

GLUTARALDEHYDIC ACID

Synthesis of γ-formylbutyric ester. S.D. Mikhno, V.M. Berezovskii, N.A. Preobrazhenskii. Zhur. ob. khim. 32 no.9:2829-2831 S '62

GLUTARIC ACID

Complex compounds of vanadyl with trihydroxyglutaric acid. V.V. Grigor'eva, I.M. Maister. Zhur. neorg. khim. 7 no.9:2140-2148 S '62

Polycondensation of xylotrihydroxyglutaric acid and hexamethylene-diamine. B.IA. Makarov-Zemlianskii and others. Nauch. trudy MTILP no.23:35-43 '61.

Production of xylotrihydroxyglutaric acid derivatives. Report No.1: Acetylation of xylotrihydroxyglutaric acid. IA.IA. Makarov-Zemlianskii, B.IA. Makarov-Zemlianskii. Nauch. trudy MTILP no.23:44-48 '61.

Trihydroxyglutaric acid and its salts as a buffer in separating lanthanides by means of ion exchange chromatography [with summary in English]. Z.F. Andreeva, V.N. Nikonov. Izv. TSKHA no.3:198-205 '62.

GLYCERIDES

Lipides. Part 12: Synthesis of unsaturated and saturated α,β-diglycerides of different acids. V.I. Shvets, L.V. Volkova, N.A. Preobrazhenskii. Zhur. ob. khim. 32 no.8:2474-2479 Ag '62.

Lipides. Part 13. Synthesis of unsaturated α,β-diglycerides of same or different acids. V.I. Shvets and others. Zhur. ob. khim. 32 no.8:2479-2482 Ag '62.

GLYCINE

Effect of gamma-radiation on the piezoelectric and elastic properties of triglycine sulfate crystals. I.M. Sil'vestrova, V.A. IUrin. Fiz. tver. tela 4 no.9:2319-2327 S '62.

Tetracyclines. Part 12. Method of introducing a N,N-dimethylglycine radical into the cyclohexanone ring. M.N. Kolosov, IU.A. Berlin. Zhur. ob. khim. 32 no.9:2893-2905 S '62.

GLYCOGEN

Dynamics of glycogen in cells cultivated outside the organism. L.P. Izakova. TSitologiia 4 no.4:427-433 Jl-Ag '62.

Glycogen content in the aorta in atherosclerosis. S.S. Kasabian. Arkh. pat. no.7:30-33 '62.

GLYCOLS

Characteristics of primary-tertiary β-glycols. Part 3. V.I. Esafov, G.P. Shitov. Zhur. ob. khim. 32 no.9:2819-2822 S '62.

Characteristics of secondary-tertiary β-glycols. Part 2. V.I. Esafov, L.P. Zhukova. Zhur. ob. khim. 32 no.9:2816-2819 S '62

Synthesis of ditertiary acetylenic γ-glycols containing cyclopropyl radicals [with summary in English]. L.A. Diakonov, S.Kh. Begidov. Vest. LGU 17 no.16:158-159 '62.

GLYCOSIDES—TOXICOLOGY

Prevention of lucerne glycoside poisoning in swine. A.K. Golosnitskii. Trudy Rost. NIVS no.12:240-242 '60.

GLYCOSURIA

Diagnosis of renal diabetes. L.A. Lushnikova. Kaz. med. zhur. no.3:54-55 My-Je '62.

GLYOXYLIC ACID

Biological role of glyoxylic acid [with summary in English]. P.A. Kolesnikov. Izv. AN SSSR. Ser. biol. 27 no.4:523-529 Jl-Ag '62.

GNEISS

Role of alkalinity in the formation of charnockite gneisses. D.S. Korzhinskii. Trudy VSEGEI. Ser. geol. no.5:59-61 '62

GOD
Here he is, the inaccessible "model" of morals. P. Fedotov. Nauka i rel. no. 6:58-62 Je '62.

GOGOL', NIKOLAI VASIL'EVICH, 1809-1852
"Taras Bul'ba" by N. V. Gogol'. S. M. Petrov. Uch. zap. MGPI 180 ol-82 '61.
Ukrainian folklore and M. V. Gogol's satire. M. M. Rodet'eva. Nar. tvor. ta etn. 6 no. 1:71-78 Ja-Mr '62.

GOITER
Clinical manifestations of euthyroid goiter in children [with summary in English]. E. P. Mukhin, M. I. Andreeva. Vop. okhr. mat. i det. 7 no. 8:18-20 Ag '62.
Endemic goiter. M. I. Santotskii, A. G. Mazovetskii. Zdorov'e 8 no. 9 23-24 S '62.

GOLD
Climb of edge dislocations in silicon caused by gold. L. S. Milevskii. Fiz. tver. tela 4 no. 9:2417-2419 S '62.
Field emission of Au-Ba layers. Iu. V. Zubenko, I. L. Sokol'skaia. Radiotekh. i elektron. 7 no. 9 1467-1473 S '62.

Kladt, A. P., and V. A. Kondrat'ev. [A true story of the "gold train"] Byl' o "zolotom eshelone." Moskva, Gos. politizdat, 1962. 110 p.
Photoelectric and optical properties of a gold-barium system. R. L. Nemchenok, A. R. Shul'man. Radiotekh. i elektron. 7 no. 9 1619-1625 S '62.

GOLD MINES AND MINING see subdivision under Tyrnyauz region

GOLD ORES
Rozhkov, I. S. [Where and how to search for gold] Gde i kak iskat' zoloto. Izd. 2. Moskva, Gosgeolizdat, 1962. 25 p. (Bibliotechka iskatelia poleznykh iskopaemykh)

GOLDWATER, BARRY MORRIS, 1909-
A dinosaur's egg. G. Gernasimov. Mezhdunar. zhizn' 9 no. 10:131-134 O '62.

GOLODNAYA STEPPE—IRRIGATION
Awakened wasteland. Boris Polinkov. Un. nat. no. 6: 6-7 Ag '62.

GOLODNAYA STEPPE—IRRIGATION CANALS AND PLUMES
Antipercolation bentonite linings of irrigation canals in the Golodnaya Steppe [with summary in English]. I. P. Aidarov, V. F. Brusentsev. Izv. TSKHA no. 3:160-170 '62.
Investigating the seepage from canals. V. V. Poslavskii, S. A. Girshkan, I. P. Mochalov. Gidr. i mel. 14 no. 6. 11-18 Je '62.

GOLODNAYA STEPPE—LANDSCAPE ARCHITECTURE
Landscaping state farm settlements on the Golodnaya Steppe. F. Vyshkind, V. T'Saplin. Zhil. stroi. no. 3: 28-30 '62.

GOLODNAYA STEPPE—RECLAMATION OF LAND
On the virgin land of Samarkand. A. Kronov. Sov. profsoiuzy 10 no. 18:5-8 S '62.

GOLODNAYA STEPPE—STATE FARMS
Landscaping state farm settlements on the Golodnaya Steppe. F. Vyshkind, V. T'Saplin. Zhil. stroi. no. 3: 28-30 '62.

GOLODNAYA STEPPE (NORTHERN) see Bet-Pak-Dala

GOLOVNAYA HYDROELECTRIC POWER STATION
Construction of the Golovnoy hydroelectric development on the Vakhsh River. G. I. Abroskin, A. V. Kudashov, B. T. Potapenko. Gidr. stroi. 32 no. 8 7-10 Ag '62.

GOLOVNAYA HYDROELECTRIC POWER STATION—AGGREGATES (BUILDING MATERIALS)
Preparation of artificial sand in construction of the Golovnaya Hydroelectric Power Station. M. M. Bobrtskii. Gidr. stroi. 32 no. 8:13-14 Ag '62.

GOLOVNAYA HYDROELECTRIC POWER STATION—DAMS
Experimental earth-fill of the earth dam in construction of the Golovnaya Hydroelectric Power Station. I. A. Shneer, V. I. Korsuntsev. Gidr. stroi. 32 no. 8:10-13 Ag '62.

GOMEL'—RAILROAD ENGINEERING—STUDY AND TEACHING
Future employees of our roads of steel. Ed. Karpachou. Rab. i stal. 38 no. 9:14 S '62.

GOMEL' GOVERNMENT—ECONOMIC CONDITIONS
"Reconstruction of the economy of the Gomel' Government, 1921-1925; collected documents and source materials." Reviewed by A. Kovalev. Komm. Bel. 36 no. 9:76-77 S '62.

GOMEL' PROVINCE—PEAT INDUSTRY
The fields of peat. M. Savich. Belarus' 19 no. 9:19 S '62.

GONCHAROV, ANDREI DMITRIEVICH, 1903-
Kholodovskaia, M. Z. Andrei Goncharov. Moskva, Sovetskii khudozhnik, 1961. 171 p.
(MH)

GONCHAROV, IVAN ALEKSANDROVICH, 1812-1891
Literary craftsmanship of I. A. Goncharov in his novel "Oblomov." M. B. Rozhdestvenskaia. Uch. zap. MGPI 175,79-136 '61.
The 150th anniversary of I. A. Goncharov's birth. Vest. AN SSSR 32 no. 9 151 S '62.

GONZALEZ PECOTCHE, CARLOS BERNARDO, 1901-
Professor Pecotche's logosophy. Nauka i rel. no. 6:40-41 Je '62.

GORELIK, LEV
Animation, laughter, and applause in the auditorium. I. Cherciskii. Teatr 23 no. 8 160-161 Ag '62.

GORILLAS see subdivision under Congo (Leopoldville)

GORINOV, ALEKSANDR VASIL'EVICH, 1902-
The sixtieth birthday of A. V. Gorinov. Transp. stroi. 12 no. 8:64 Ag '62.

GOR'KII, MAKSIM, 1868-1936
About one of Maksim Gorkii's manuscripts. N. I. Ivanov. Uch. zap. ChNII no. 21:353-354 '62.
Belousov, A. A. [Gor'kii and Buryat literature; articles and reviews] Gor'kii i buriatskaia literatura; stat'i i retsenzii. Ulan-Ude, Buriatskoe knizhnoe izd-vo, 1961. 188 p.
(MH)
Burmistrenko, O. I. [Language and style in M. Gor'kii's novel "Mother."] Iazyk i stil' romana M. Gor'kogo "Mat'." [Kiev] Izd-vo Kievskogo univ., 1961. 116 p.
(MH)
Gruzdev, I. A. [Gor'kii and his time, 1868-1896] Gor'kii i ego vremia, 1868-1896. Izd-3., dop. Moskva, Goslitizdat, 1962. 699 p.
"IAkov Bogomolov." M. Grigor'ev. Teatr 23 no. 8: 86-92 Ag '62.
Letters written to young writers, from the archives of A. M. Gor'kii. M. Gor'kii. Vop. lit. 6 no. 9 159-170 S '62.
M. Gor'kii's cycle "Disorder." V. N. Afanas'ev. Uch. zap. MGPI 172:3-41 '61.
Shcherbakova, I. I. [M. Gorkii and A. Tolstoi in Berlin, 1921-1923; materials for the special seminar "Works of A. N. Tolstoi."] M. Gor'kii i A. Tolstoi v Berline, 1921-1923 gg.; materialy k spetsseminaru Tvorchestvo A. N. Tolstogo. Sverdlovsk, Ural'skii gos. univ., im. A. M. Gor'kogo, 1961. 10 p.
(MH)
Two conclusions for one theme: on the story "Light gray with blue" by Gor'kii and the story by Kuprin "In the family manner." L. D. Nikol'skaia. Trudy UrGU no. 112:101-109 '61.

GORKIY—AUTOMOBILE INDUSTRY
Comprehensive improvement of intraplant transportation. V. Zil'berg. Sots. trud 7 no. 9:47-51 S '62.
Development of an industrial plant. I. Kiselev. Part. zhizn' no. 20:16-22 O '62.
Mechanization of loading, unloading and conveying operations at the Gorkiy Automobile Plant. V. I. Zil'berberg. Mekh. i avtom. proizv. 16 no. 9:29-33 S '62.

GORKIY—INDUSTRIAL MANAGEMENT
Calculations for establishing norms and plans with punched card computers. P. I. Chufanov. Vest. mashinostr. 42 no. 9:79-82 S '62.

GORKIY—PUNCHED CARD SYSTEMS
Calculations for establishing norms and plans with punched card computers. P. I. Chufanov. Vest. mashinostr. 42 no. 9:79-82 S '62.

GORKIY PROVINCE—QUALITY CONTROL
Ways of shortening time consumed by control operations. S. Stakhovskii. Sots. trud 7 no. 9:90-92 S '62.

GORKIY PROVINCE—RURAL SCHOOLS
Notes on the schools for rural youth. E. Lazareva, E. Mikhov. Vech. sred. shkola 5 no. 3:37-40 My-Je '62.

GORKIY PROVINCE—SOIL CONSERVATION
Controlling erosion caused by water in Gorkiy Province [with summaries in English, German, and French]. A. S. Fat'ianov, S. A. Bogolavlenskii. Vest. sel'khoz. nauki 7 no. 6:103-109 Ag '62.

GORLOVKA (DONETS PROVINCE)—FERTILIZER INDUSTRY—TECHNOLOGICAL INNOVATIONS
Start of initiative. V. Gulinov. Part. zhizn' no. 10:43-46 O '62.

GORNAYA SHORIYA—AXINITE
Tourmaline and axinite mineralization in Gornaya Shoriya. V. A. Baboshin. Trudy VSEGEI 73:99-109 '62.

GORNAYA SHORIYA—IRON MINES AND MINING
Effective mining systems and methods for breaking down ores in Gornaya Shoriya mines. I. S. Voronov and others. Biul. tekh.-ekon. inform. Gos. nauch.-issl. inst. nauch. i tekh. inform. no. 9:3-7 '62.

GORNAYA SHORIYA—TOURMALINE
Tourmaline and axinite mineralization in Gornaya Shoriya. V. A. Baboshin. Trudy VSEGEI 73:99-109 '62.

GORYACHIY KLYUCH—MINERAL WATERS
Action of salt and sodium bicarbonate-salt waters on the secretion of pepsin and hydrochloric acid. V. V. Litvinov. Vop. kur., fizioter. i fiz. kult. 27 no. 4:321-324 My-Je '62.

GORYSHKINO—MOUNDS
Mounds with cremation near the Goryshkino village. Iu. A. Krasnov. Sov. arkheol. 6 no. 3 302-304 '62.

GOTLAND—CORALS, FOSSIL
Phylogeny of the family Lykophyllidae Wedekind. A. D. Ivanovskii. Trudy SNIIGGIMS no. 15,183-195 '61.

GOURDS—WATER REQUIREMENTS
Characteristics of water metabolism in gourds. N. G. Gordeeva. Shor. trud. asp. i mol. nauch. sotr. VIR no. 1: 228-233 '60.

GOVERNMENT OWNERSHIP see subdivision under Cuba, India

GRADIZHSK DISTRICT—CITIES AND TOWNS, RUINED, EXTINCT, ETC.
The site of an early Russian settlement in the Mikhashev village. M. P. Cherkera. Arkheologiia 14 89-100 '62.

GRAFTING
Effect of a preliminary mentor plant on the alteration of morphological characters in tomatoes. A. IA. Cherepanova. Shor. trud. asp. i mol. nauch. sotr. VIR no. 1:207-212 '60.
Method of large-scale interspecific and intergeneric grafting of conifers under field conditions. I. P. Prokof'ev. Bot. zhur. 47 no. 7:987-990 Jl '62.
Orchard in a tree. F. M. Zorin. Agrobiologiia no. 4 621-626 Jl-Ag '62.
Prutovskii, D. I. [Practices in improving wild fruit trees in the nut and fruit forests of Kirghizistan] Opyt obikgorazhivaniia dikorastushchikh plodovykh v orekho-plodovykh lesakh Kirgizii. Frunze, Izd-vo Akad. nauk Kirgizskoi SSR, 1962. 58 p.
(DNAL)
Vegetative hybrid of the narrow-leaved Washington navel orange with P. trifoliata. F. D. Mamporiia. Agrobiologiia no. 4 535-540 Jl-Ag '62

GRAIN
(see also subdivision under Poleyno)
Brief news. Muk.-elev. prom. 28 no. 7:33 Jl '62.
Effect of benzimidazole derivatives on the growth and development of cereal crops. A. M. Ufimtsev, M. P. Fedoseeva. Dokl. AN SSSR 146 no. 1:236-237 S '62.
Receive efficiently and preserve fully the grain of the new harvest. Muk.-elev. prom. 28 no. 7:1-2 Jl '62.
Vernalizing the grain of cereals of various ripening degree before sowing. S. Grzeniuk. Agrobiologiia no. 4 547-553 Jl-Ag '62

GRAIN—CLEANING
Removing wild oats from grain. P. Khalturin, V. Savel'ev. Muk.-elev. prom. 28 no. 7:15-17 Jl '62.
The UVR roller heap cleaner and the TVP movable heap cleaner. M. S. Laskin. Biul. tekh.-ekon. inform. Gos. nauch.-issl. inst. nauch. i tekh. inform. no. 9:61-64 '62.

GRAIN—DISEASES AND PESTS
Slowly developing mold of grain and its consequences [with summary in English]. Iu. S. Rolli. Izv. TSKHA no. 2:31-36 '62.

GRAIN—DRYING
Automatic electronic moisture meter. P. Platonov, A. Plevagin. Muk.-elev. prom. 28 no. 7:13-15 Jl '62.

GRAIN—EXHIBITIONS see subdivision under Moscow

GRAIN—HARVESTING
Effect of grain moisture on its mechanical damage during combine harvesting. A. N. Pugachov. Vest. sel'khoz. nauki 7 no. 8:89-91 Ag '62.
Using wide-range units for grain harvesting [with summaries in English, German, and French]. IA. M. Zhuk. Vest. sel'khoz. nauki 7 no. 6:128-134 Je '62.

GRAIN—PRICES
Payments and compensation from the budget. I. Karataeva. Fin. SSSR 23 no. 9:78-80 S '62.

GRAIN—STORAGE
Standard plans for buildings for storing grain. V. Zakharchenko. Stil', bud. 12 no. 8:13-12 Ag '62.

GRAIN—TRANSPORTATION
Pyshkin, V. P. [Pneumatic grain reloaders] Pnevmaticheskie peregruzhateli zerna. Moskva, Zagotizdat, 1962. 100 p.
Sergeichuk, M. M. [Operation, maintenance and repair of shields for grain cars] Ekspluatatsiia i remont kliobnykh shchitov. Moskva, Transzheldorizdat, 1962. 22 p.
Ways of improving the preparation of cars for grain transportation. Z. M. Mkanikov, V. N. Korotkov. Zhel. dor. transp. 44 no. 9:87-89 S '62.

GRAIN BREEDING see subdivision under Canada; United States

GRAIN ELEVATORS
(see also subdivision under Pavlodar)
From the materials of our periodical. Muk.-elev.prom. 28 no.7 33 Jl '62.
Problems of improving the intake equipment of grain elevators. A.Ibragimlin. Muk.-elev.prom. 28 no.7:12-13 Jl '62.

GRAIN ELEVATORS—FIRE PREVENTION see subdivision under Leningrad Province

GRAIN HANDLING
(see also subdivision under Crimea, Kazakhstan, Kuybyshev Province; Odessa, Stavropol Territory, Tara)
In the struggle for the title of enterprise, shop, brigade, and shock worker of communist labor. P.Demidiuk, G.Chernetskii, A.Nelina. Muk.-elev.prom. 28 no.7: 22-24 Jl '62.

GRAIN-HANDLING MACHINERY
The 7GS-100 grain loader. M.I.Lerner. Biul.tekh.-ekon.inform.Gos.nauch.-issl.inst.nauch.i tekh.inform. no.9:58-59 '62.

GRAMMAR, COMPARATIVE AND GENERAL
"Problems in grammar; collection of articles marking the 75th birthday of Academician I.I.Meshchaninov," Reviewed by N.Demeshinov. Izv.AN Kazakh SSR Ser. filol.i lak. no.2:94-96 '62.

GRAMMYSIIDAE, FOSSIL see subdivision under Kazakhstan, Siberia, Western

GRAMOPHONE see Phonograph

GRANITE see subdivision under Chikhacheva Range, Chingiz-Tau; Kazakhstan; Kazbegi, Kounrad region; Ossetia, North; Sayan Mountains; Tuva A.S.S.R.

GRANITE—SPECTRA see subdivision under Soviet Far East

GRANULAR LIDS see Conjunctivitis, Granular

GRAPE JUICE
Use of ultracolors in the manufacture of grape juice. P.V.Dpifanov, A.A.Erofeev. Konf.i ov.prom. 17 no.10:8-9 O '62.

GRAPES
Fall colors of leaves as indices of carbohydrate balance in the grapevine [with summary in French]. A.G. Amirdzhanov. Izv.TSKHA no.3:221-227 '62.
Nucleic acids in the grapevine. R.G.Sankian, L.M. Karapetian. Dokl.AN SSSR 146 no.1 215-216 S '62.

GRAPES—FERTILIZERS AND MANURES see subdivision under Tajikistan

GRAPES—TRANSPORTATION
The AVT-500 machine for transporting grapes. V.Vishnevskii. Trakt i sel'khozmash. 32 no.10 36 O '62

GRAPES—VARIETIES see subdivision under Abkhazia

GRAPHIC METHODS
Analytic properties of nonrelativistic diagrams [with summary in English]. L.D.Blokhintsev, E.I.Dolinskii, V.S.Popov. Zhur.eksp.i teor.fiz. 42 no.6,1636-1646 Je '62.
Contribution of three-particle states to the spectral function equation [with summary in English]. V.N.Gribov, I.T.Diatlov. Zhur.eksp.i teor.fiz. 42 no.5: 1260-1277 My '62.
Generalization of Symanzik's theorem on the majorization of Feynman diagrams [with summary in English]. A.A.Logunov, I.T.Todorov, N.A.Chernikov. Zhur. eksp.i teor.fiz. 42 no.5:1285-1293 My '62.
Mkhitarov, V.M. [New graphicoanalytic method for calculating Mohr's integral, methodological textbook for teachers of technical schools] Novyi grafoanaliticheskii sposob vychisleniia integrala Mora; metodicheskoe posobie dlia prepodavatelei tekhnikumov. Moskva, Sovet narodnogo khoziaistva Moskovskogo (gorodskogo) ekon. administrativnogo rafona, 1962. 39 p.
Vertex function of directed graphs. V.V.Mathushkov. Dokl.AN SSSR 146 no.1:37-40 S '62.

GRAPHITE
Grigorovich, M.B. [Graphite and searching for it] Grafit i ego poiski. Moskva, Gosgeoltekhizdat, 1962. 15 p. (Bibliotechka iskatelia poleznykh iskopaemykh)

GRAPTOLITES see subdivision under Ural Mountain region

GRASSES
(see also subdivision under Polesye)
Drying grasses before ensilaging. N.V.Kolesnikov. Vest.sel'khoz.nauki 7 no.6:121-127 Je '62.

GRAVEL
Extracting gravel with a hydraulic classifier. N.G. Vavilov. Transp.stroi. 12 no.8:36 Ag '62.

GRAVITATION
Annihilation of an electron-positron pair to produce two gravitons [with summary in English]. Iu.S.Vladimirov. Zhur.eksp.i teor.fiz. 43 no.1:80-91 Jl '62.
Changes in the space and time metric during the transition through singular spheres. I.D.Novikov. Soob. GAISH no.120:42-51 '62.

GRAVITY
(see also subdivision under Elbrus Mount, Europe, Western)
Volodarskii, R.F., and others. [Use of electronic calculating machines to interpret gravity and magnetic fields] Primenenie elektronno-schetnykh mashin dlia interpretatsii gravitatsionnykh i magnitnykh polei. Pod red. V.V.Fedynskogo. Moskva, Gostoptekhizdat, 1962, 74 p.

GRAVITY—MEASUREMENT
Experimental study of the effect of an intermediate medium on gravitational interaction [with summary in English] V.S.Braginskii, V.N.Rudenko, G.I.Rukman Zhur.eksp.i teor.fiz. 43 no.1 51-59 Jl '62.

GRAVITY PROSPECTING
Association of Vzz anomalies with a one-dimensional, two-dimensional, and three-dimensional body. A.A. Il'inkov. Geofiz.razved. no.9:36-44 '62.
Connection between anomalies with weak intensity and high-grade iron ores of the Kursk Magnetic Anomaly. V.I.Pavlovskii, I.A.Zhavoronkin. Geofiz.razved. no.9:45-51 '62.

GREAT BRITAIN—BLASTING
Study conducted in England on the shattering of blocks of rock by blasting V.L.Baron. Vzryv.delo no.50/7. 109-113 '62.

GREAT BRITAIN—COLONIES
Colonial tactics of British monopolies. S.Madzoevskii. Mir.ekon.i mezhdunar.otn. no.10:15-26 O '62.

GREAT BRITAIN—CONSTITUTIONAL LAW
New trends in English constitutional law. B.S Krylov. Sov.gos.i pravo 32 no.10 151-153 O '62

GREAT BRITAIN—ECONOMIC POLICY
England and the Common Market; based on materials of the Communist press in Great Britain. Politizamoobr. b no.9 79-81 S '62.
Reverse side of English economic planning. B.Dubson. Mir.ekon.i mezhdunar.otn. no.10 103-104 O '62.

GREAT BRITAIN—EMIGRATION AND IMMIGRATION
Erofeev, N.A. [British emigration and the class struggle in England from 1825 to 1850] Narodnaia emigratsiia i klassovaia bor'ba v Anglii v 1825-1850 gg. Moskva, Izd-vo Akad. nauk SSSR, 1962. 534 p. (Istoriia angliiskogo rabochego dvizheniia v novoe vremia)

GREAT BRITAIN—FOREIGN ECONOMIC RELATIONS
Colonial tactics of British monopolies. S.Madzoevskii. Mir.ekon.i mezhdunar.otn. no.10 15-26 O '62.

GREAT BRITAIN—FOREIGN ECONOMIC RELATIONS—EUROPEAN ECONOMIC COMMUNITY COUNTRIES
The "common market" and the English labor movement. George Mathews. Kommunist 39 no.16:108-115 N '62.

GREAT BRITAIN—FOREIGN RELATIONS—NEAR EAST
"American and English policy in the Near and Middle East" by O.E.Tuganova. Reviewed by R.Andreasian. Mir.ekon.i mezhdunar.otn. no.10:141-147 O '62.

GREAT BRITAIN—GLASS MANUFACTURE—CHEMISTRY
Reactions of the mixtures of sodium carbonate and silica (from "Physics and chemistry of glasses," Ag 1961). Stek.i ker. 19 no.9:12 S '62.

GREAT BRITAIN—LABOR AND LABORING CLASSES
Formation of hired labor in the English industry of the first half of the 17th century [with summary in English] N.M. Meshcheriakova. Sred.veka no.22:116-129 '62.

GREAT BRITAIN—LAND TENURE
"Rural England, 1066-1135; a study of social and agrarian conditions" [in English] by R. Lennard. Reviewed by M.A. Barg Sred.veka no.22:246-252 '62

GREAT BRITAIN—LOADING AND UNLOADING—EQUIPMENT AND SUPPLIES
Loaders made in England. R.I.Gogunov. Mekh.i avtom.proizv. 16 no.9:49-52 S '62.

GREAT BRITAIN—METRIC SYSTEM
From technical periodicals. L.S.Povarennykh. Standartizatsiia 26 no.9:62-63 S '62.

GREAT BRITAIN—PIPE, STEEL
New method of producing ribbed pipe (from "Metallurgia," no.8, 1961). Z.P.Kod'eva. Met.i gornorud.prom. no.3:94 My-Je '62.

GREAT BRITAIN—POLITICS AND GOVERNMENT
Antifascists on guard. Nov.vrem. 20 no.42:1-2 O '62.
At a political crossroad. Nov.vrem. 20 no.43:2-3 O '62.
"Common Market," a threat to Britain's sovereignty. K.Zilliacus. Mezhdunar.zhizn' 9 no.10:53-57 O '62.

GREAT BRITAIN—SOCIAL CONFLICT
Erofeev, N.A. [British emigration and the class struggle in England from 1825 to 1850] Narodnaia emigratsiia i klassovaia bor'ba v Anglii v 1825-1850 gg. Moskva, Izd-vo Akad. nauk SSSR, 1962. 534 p. (Istoriia angliiskogo rabochego dvizheniia v novoe vremia)

GREAT BRITAIN—STRIKES AND LOCKOUTS—RAILROADS
Britain without trains. V.M. Nov.vrem. 20 no.42: 20 O '62.

GREAT BRITAIN—TRADE UNIONS
An English bourgeois historian on "new trade-unionism" L.F.Vorob'eva Vop.ist no.9 194-195 S '62.

GREBENSHCHIKOV, IL'IA VASIL'EVICH, 1887-1953
In memory of I.V.Grebenshchikov. Vest.AN SSSR 32 no.3 149-150 S '62.

GREECE—FOREIGN ECONOMIC RELATIONS—EUROPEAN ECONOMIC COMMUNITY COUNTRIES
Facts versus illusions. V.Popov. Mir.ekon.i mezhdunar.otn. no.10 70-72 O '62.

GREECE—INSURANCE, SOCIAL
Social insurance in Greece. A.Zhdanov. Sots.obesp. 23 no.7 61-63 Jl '62.

GREECE—MOTION-PICTURE PLAYS
Two drachmas of hope. Iu.Smelkov Isk.kino no.9: 33-34 S '62.

GREECE—PRESS
The cradle of democracy is without democracy. Stavros Zubalas. Sov.pech. no.9:58-60 S '62.

GREENSTONE see subdivision under Ural Mountain region

GREISEN see subdivision under Kounrad region

GRENADIERS (FISH) see subdivision under Atlantic Ocean

GRIGOR'EV, APOLLON ALEKSANDROVICH, 1822-1864
Poems written by Apollon Grigor'ev during the 1840's. M.N.Zubkov. Uch.zap.MGPI 160,105-126 '61

GRIGOR'EV, DORIMEDONT GRIGOR'EVICH
New material about the work of I.Michurin and D.Grigor'ev M.G.Kaverznev. Arkhiv nas. 11 213-216 '62

GRINDING AND POLISHING
Berlin, S.G., and G.M.Ippolitov, comps. [Abrasive tools; catalog] Abrazivnye instrumenty; katalog. Moskva, Gos.kom-t Soveta Ministrov SSSR po koordinatsii nauchno-issl.rabot, 1961. 151 p.
Chemical polishing of sheet glass in the United States (from "Sklar i keramik," no.9, 1961). Stek.i ker. 19 no.9:12 S '62.
Design and construction of a precision spindle for measuring instruments. G.S.Birlukov. Stan.i instr. 33 no.9:16-18 S '62.
Grinding of the cylinders of truck and tractor engines and cylindric openings of machine parts by means of procession heads [in Armenian with summary in Russian]. Z.A.Melkonian. Izv.Upr.sel'khoz.nauki Arm SSR 5 no.6:17-27 '62.
Hydroabrasive cleaning. G.A.Proskurkin. Mashinostroitel' no.8,36-37 S '62.
Machining parts with mechanical brushes. V.A.Kulikovskikh. Stan.i instr. 33 no.9:38-39 S '62.
Some characteristics of the grinding of noncircular parts IA.A.Bekirov, G.P.Zhudin. Vest.mashinostr. 42 no.9:70-72 S '62.
Technology of the contact grinding with wide-band machines. Der.prom. 11 no.10,28-30 O '62.

GRINDING MACHINES
Automation of grinding machines. M.I.Leonitskii. Mekh.i avtom.proizv. 16 no.9:6-11 S '62.
Gefner, V.M. [The OPM-1 pneumatic finishing machine; experience of the "Russkii Dizel'" Plant] Otdelochnaia pnevmaticheskaia mashinka OPM-1; opyt zavoda "Russkii dizel'." Leningrad, 1962. 17 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Serila: Mekhanicheskaia obrabotka, no.19)
Grinding machine for three-tapping cutters V.A Melchin Gidroliz i lesokhim.prom. 15 no.6 30 '62
Merpert, M.P. [Precision thread-grinding machines; design, manufacture, operation] Pretsizionnye rez'boshlifoval'nye stanki; konstruktsiia, izgotovlenie, ekspluatatsiia, izd.2., perer. i dop. Moskva, Mashgiz, 1962. 302 p.
Moscow. Vystavka dostizhenii narodnogo khoziaistva SSSR. [New grinding machines and advanced methods for abrasive and diamond grinding] Novye shlifoval'nye stanki i progressivnye metody abrazivnoi i almaznoi obrabotki metallov; putevoditel'-katalog. Moskva, 1962, 59 p.
Polishing drill. E.I.Gekhtman. Mashinostroitel' no.8: 21 S '62.
Project of a conveyer for two-side grinding and polishing of glass. Stek.i ker. 19 no.9:44-45 S '62.

GRINDING MACHINES—STANDARDS
Rigidity norms for circular grinding machines. I.T. Gusev, V.A.Vedeneskii. Standartizatsiia 26 no.9: 6-8 S '62.

GRINDING WHEELS
Increasing the operative efficiency of abrasive wheels for the diamond cut glass finish. V.G.Chistoserdov. Stek. i ker. 19 no.9:8-11 S '62.
Straightening an abrasive worm wheel with diamond cutters. A.V.Machitidze. Stan.i instr. 33 no.9:25-28 S '62.

GRINDING WHEELS—CATALOGS

Berlin, S. G., and G. M. Ippolitov, comps. [Abrasive tools; catalog] Abrazivnye instrumenty, katalog. Moskva, Gos. kom-t Soveta Ministrov SSSR po koordinatsii nauchno-issl. rabot, 1961, 151 p.

GRIPPE see Influenza

GRISHINA, LIUDMILA

Liudmila Grishina E Gabaeva Teatr 23 no 8 146 Ag '62.

GRISTLE see Cartilage

GRODNO PROVINCE—AGRICULTURE

Specialization and concentration are important conditions for the rapid development of Soviet farming V Repkin Komm Bel 36 no 9 36-41 S '62

GROSS NATIONAL PRODUCT

Gross national product and national income in the system of the economic categories of socialism. A. Notkin. Vop. ekon. no 9,31-46 S '62.

GROUND-EFFECT MACHINES

Ships on an air cushion. V. Larionov. Voen. znan. 38 no. 9:26 S '62.

GROUPS, THEORY OF

Compact and discrete ring groups. H. I. Kats. Ukr. mat. zhur. 14 no. 3:260-270 '62.

Completion of locally nilpotent groups. M. I. Kargapolov. Sib. mat. zhur. 3 no. 5:695-700 S-O '62.

Construction of invariant forms and structural equations of infinite groups. L. E. Evtushik. Dokl. AN SSSR 146 no. 1 20-21 S '62.

Factorizations of some classes of groups. G. A Karasev. Sib mat. zhur 3 no. 3 378-385 My-Je '62.

Integral representations of a symmetrical third-order group [with summary in English]. L. A. Nazarova, A. V. Roiter. Ukr mat. zhur. 14 no. 3:271-288 '62.

Locally extreme and layer extreme groups. IA. D. Polovitskii. Mat. sbor. 58 no. 2:685-694 O '62.

Maximal subgroups. Part 2. Maximal Sylow subgroups of a finite group. V. A. Belonogov. Izv. vys. uch. zav.; mat. no. 5:3-11 '62.

On primitive elements in a free group of rank 2. P. V. Stender. Izv. vys. uch. zav. mat. no. 5:101-106 '62.

Primitively π-factorizable groups. IU. M. Gorchakov. Dokl. AN SSSR 146 no. 1 14-16 S '62.

Representations of generalized groups. B. M Shain Izv vys. ucheb. zav., mat. no. 3:164-176 '62

Representations of modular groups. H. Boseck. Mat. sbor. 58 no. 2:785-791 O '62.

Semigroups with condensers. V. P. Zarovnyi. Ukr. mat. zhur. 14 no. 3:325-327 '62.

Structural characteristics of semigroups. L. N. Shevrin Sib. mat zhur. 3 no 3 446-470 My-Je '62.

GROUTING

Economic value of sprayed concrete supports. V. S. Voronin, V. A. Ivanov. Gor. zhur. no. 9:20-21 S '62.

GROWTH (PLANTS)

Characteristics of the phasic development and morphogenesis of common onion [with summary in English]. A. S. Kruzhilin, Z. M. Shvedskaia. Fiziol. rast. 9 no. 4 466-475 '62.

GROWTH INHIBITING SUBSTANCES

Biogenic inhibitors. V. I. Kefeli. Priroda 51 no. 9:117-119 S '62.

GROWTH PROMOTING SUBSTANCES

Effect of benzimidazole derivatives on the growth and development of cereal crops. A. M. Efros, M. P. Fedoseeva. Dokl. AN SSSR 146 no. 1,236-237 S '62.

Effect of high doses of X rays on the growth and metabolism of physiologically active substances in pea sprouts. S. O. Grebinskii, L. P Strugovshchikova, E I. Liteplo. Dokl. AN SSSR 146 no. 2 471-474 S '62.

Gibberellin and auxin metabolism in plants [with summary in English]. M. M. Gukova, V. V. Faustov, Izv. TSKHA no. 2:47-56 '62.

Possibility of restoring some disturbed processes in wheat plants injured by drought [with summary in English]. T. G. Kydrev, L. A. Tiankova. Fiziol. rast. 9 no. 4 426-431 '62.

GUANIDINE

N-diethylenediamidophosphinyl-N' -ethylene-N'' -arylguanidines. G. I. Derkach and others. Zhur. ob. khim. 32 no. 9 2992-2994 S '62.

GUIDED MISSILES

Tatarchenko, A. E. [Guided missiles and rockets] Upravliaemye snariady i rakety. Moskva, Izd-vo DOSAAF, 1962. 86 p.

GUMBRIN

Investigation of gumbrin and askanite as dehydrating, isomerizing, and alkylating catalysts Part 10: Isomerization of isopropylcyclopentane in the liquid phase in the presence of gumbrin. Kh. I. Areshidze, Z. M. Elashvili. Zhur. ob. khim. 32 no. 8;2657-2659 Ag '62.

GUMS—DISEASES

Dispensary treatment of parodontosis patients. V. E. Krekshina. Stomatologiia 41 no. 4:20-22 Jl-Ag '62.

Problems touched upon in the articles by A. I. Betel'man and G. T. Sukharev on the splinting of teeth in parodontosis A. M. Pevzner Stomatologiia 41 no 4 79-81 Jl-Ag '62

Relation of parodontosis to the intensity of sound stimulus G. D. Ovrutskii, P. Z. Ridzel', S. A. Lifshits Stomatologiia 41 no. 4 17-20 Jl-Ag '62

Single visit treatment of pulpitis with Zaslavskii's so-called biological paste. M. M. Ginkene, G. S Mituzas Stomatologiia 41 no. 4,83-84 Jl-Ag '62.

State of phosphorus-calcium metabolism in the initial form of parodontosis A. D Noskov. Stomatologiia 41 no 4 15-16 Jl-Ag '62.

State of the gums during pregnancy N. I Vakhrameeva Stomatologiia 41 no 4 24-27 Jl-Ag '62

Treatment of parodontosis with paraffin applications T. S. Abkariants Stomatologiia 41 no 4 86 Jl-Ag '62

GUMS AND RESINS

"Harmful" and "harmless" resins. G. D. Sobtsev, A. V. Ieseva. Bum. prom. 37 no. 9:28 S '62.

GUMS AND RESINS, SYNTHETIC see Resins, Synthetic

GUR'YEV—POLYETHYLENE

When will we finish building the polyethylene plant? I. Sverbilkin. Part. zhizn' Kazakh. 32 no. 9:52-54 S '62.

GYMNASTICS

Manifestation of will in artistic gymnastics. M. G. Amilakhvari. Probl. psikhol. sporta no. 2:198-204 '62.

Overcoming the difficulties requiring displays of decisiveness and daring from gymnasts of the senior classes. B. N. Smirnov. Probl. psikhol. sporta no. 2:188-197 '62.

Training of the will in female master gymnasts during the process of training studies. A. P. Bogomolov, I. G. Keltishev. Probl. psikhol. sporta no. 2:178-187 '62.

GYMNASTICS, MEDICAL see Exercise therapy

GYNECOLOGY

Persianinov, L. S., ed. [Use of aminazine in obstetrical and gynecologic practice] Primenenie aminazina v akusherske-ginekologicheskoi praktike. Minsk, Gos. izd-vo BSSR, Red. nauchno-tekhn. lit-ry, 1962. 179 p. (DNLM)

Zhordania, I. F. [Textbook of gynecology] Uchebnik ginekologii. Moskva, Medgiz, 1962. 411 p. (DNLM)

GYPSUM

Increasing the water resistance of structural gypsum. L. IErshov. Bud. mat. i konstr. 1 no. 2;50-52 Mr-Ap '62.

Using DEM electric detonators in the Novomoskovskiy gypsum mine. V. A. Krivov, P. G. Belen'kii Vzryv. delo no. 48/5-27-33 '62.

GYPSUM PRODUCTS—DRYING

Conversion of gypsum plaster driers to an accelerated system. V. R. Borovskii, I. M. Pievskii, L. D Vyzichek. Stroi. mat. 8 no. 8:26-28 Ag '62.

GYROSCOPE

Determining optimum gaps between a gyrochamber and a gyrowheel and the smoothness of their surfaces. A. G. Bessonov. Izv. vys. ucheb. zav.; prib. 5 no. 4:63-70 '62.

Motion of a free gyroscope with forced rotation of supports. L. I. Korgu. Izv. vys. ucheb. zav., prib. 5 no. 1, 54-62 '62.

GYROSCOPIC INSTRUMENTS

Errors of compensated gyroscopic instruments under a random law of change of the error in velocity. I. B. Chelpanov. Prikl. mat. i mekh. 26 no. 5:952-959 S-O '62.

HAFNIUM

Extraction of zirconium and hafnium from fluorometallate solutions by tri-n-octylamine. G. A. IAgodin, A. M. Chekmarev. Ekstr.; teor., prim., app. no. 2;141-153 '62.

HAFNIUM COMPOUNDS

Hydrolysis and polymerization of hafnium ion in perchloric acid. V. M. Peshkova, Pen An [Pêng Ang]. Zhur. neorg. khim. 7 no. 9;2110-2114 S '62.

HAFNIUM HALIDES

Thermal stability of zirconium and hafnium tetrahalide molecules striking a hot surface in vacuo. V. I. TSirel'nikov, L. N. Komissarova, Vikt. I. Spitsyn. Dokl. AN SSSR 146 no. 1:122-124 S '62.

HAFNIUM-TUNGSTEN-TITANIUM ALLOYS see Tungsten-titanium-hafnium alloys

HAGIOGRAPHY

Where were the biographies of Saints Cyril and Methodius written and who was their author. A. P. Kazhdan. Vop. ist. no. 9;183-185 S '62.

HAIR—DISEASES

Simplest composition of the glue mass for the caps used in fungal diseases of the scalp. E. T. Gromova. Med. sestra 21 no. 9;43-44 S '62.

HALIDES

Reaction of hexaethyldistannane with halo derivatives. G. A Razuvaev, IU I. Dergunov, N. S Vlasenkin Zhur. ob. khim. 32 no. 8,2515-2520 Ag '62

HALL EFFECT

Photogalvanomagnetic phenomena in InSb at room temperature. V. I. Zolotarev, D. N. Nasledov. Fiz. tver. tela 4 no. 9;2567-2575 S '62.

Theory of the spontaneous Hall effect in ferromagnetics [with summary in English]. IU. P. Ikhin, V. G. Shavrov. Zhur. eksp. i teor. fiz 42 no. 5,1233-1240 My '62.

HALOGENS

Dehalogenation of iodoxybenzoic acids by alkaline earth hydroxides M. A. Panikova. Zhur. ob. khim 32 no 9 3014-3017 S '62

Effect of halogen admixtures on the specific activity of silver in the oxidation of ethylene. A. A. Belain, M. IA. Rubanik. Dokl. AN SSSR 146 no. 1,89-92 S '62.

HANDICAPPED CHILDREN
(see also subdivision under Chuvashia)

Are there any "incompetent" children? V. Chernov. Nar. obr. no. 10;74-77 O '62.

HARBORS

Making the main index of harbor operations agree with the schedule of ship movements. V. Barmin. Rech. transp 21 no. 9 10 S '62.

HARBORS—TECHNOLOGICAL INNOVATIONS

Our practices. L. Dal'nova. Rech. transp. 21 no. 9;17 S '62.

HARD FACING

AN-16 flux for the hard facing of high-manganese G13 steel. I. N. Morozovskaia. Avtom. svar. 15 no. 9;?9-26 S '62.

Automatic pulsation-arc hard facing device A. N. Kolesnichenko. Energ. stroi. no. 27 86-89 '62

Kaendzyk, G. V. [Mechanized build-up welding under flux of a layer of chilled cast iron by a cast-iron ribbon electrode] Mekhanizirovannaia elektrodugovaia naplavka pod flusom sloia otbelennogo chuguna chugunnoi elektrodnoi lentoi. Leningrad, 1962. 25 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia: Svarka i paika metallov, no. 3)

Possibility of hard facing in a cooling fluid without electrode vibration. N. M. Bucinik, N. G. Plungerov, IU. I. Ishchenko. Avtom. svar. 15 no. 9;47-50 S '62.

Using the method of hard facing with new alloys to increase the durability of steel bits. M. S. Poliak Gor. zhur. no. 9;75 S '62.

HARDBOARD

Heat treatment method for imparting water repellent properties to particle boards. A. A. Il'Ghert. Der. prom. 11 no. 10 3-6 O '62.

Manufacture of lightweight particle boards by dielectric heating. V. M. Khrulev. Stroi. mat. 8 no. 8-30-40 Ag '62.

Particle-board parts for glazed earthenware toilet bowls. I. I Subnavyi. Bud. mat. i konstr 4 no. 2;57 Mr-Ap '62.

Physical and mechanical characteristics of hardboard made with flax and hemp tow. M. Levnichak, IA. Rachkovskii. Der. prom. 11 no. 10;27-28 O '62.

Using sulfate soap for the manufacture of paraffin emulsions. S. P. Sivokhin, V. A. Chutko. Bum. prom. 37 no. 9;25-26 S '62.

HARDBOARD—STANDARDS

Reviewing the state standard 6361-60 for wood-particle boards. G. M. Shwartsman. Standartizatsiia 26 no. 9;23-24 S '62.

HARDBOARD—TESTING

Study of the physicomechanical properties of wood fiber blocks. K. V. Ponferov, O. B. Tiuzneva. Trudy TSNIIS no. 11;379-404 '62.

HARDNESS

Relation between sublimation and hardness. V. I. Rykov, T. I. Antonenko. Izv. vys. uch. zav.; fiz. no. 4;173 '62.

Observing the unity of measures in hardness measurements. E. I. Feliksen. Priborostroenie no. 8,31-33 Ag '62.

HARDNESS—MEASUREMENT

Pilipchuk, B. I. [Review of hardness theories] Obzor teorii tverdosti. Moskva, Gos. izd-vo standartov Standartgiz, 1962. 110 p. (Russia 1923- U. S. S. R. Komitet standartov, mer i izmeritel'nykh priborov. Trudy Instituta Komiteta, no. 60)

HARDNESS—TESTING

New devices for determining the hardness of metals. V. A. TSaplin. Priborostroenie no. 6;25-27 Ag '62.

HARELIP

Titarov, V. I. [Treatment of children with a congenital deformity of the lip and palate; speech training at home following an operation on the palate] Lechenie detei s vrozhdennym urodstvom guby i nëba; obuchenie rechi v domashnei obstanovke posle operatsii na nëbo. Kishinev, Kartia moldovenianske, 1962. 20 p. (DNLM)

HARMONIC FUNCTIONS

On the indicator of a function, subharmonic in a multidimensional space. V. S. Avarin. Mat. sbor. 58 no. 1: 87-94 S '62.

HARVESTING see subdivision under Ural'sk Province; Virgin Territory

HARVESTING MACHINERY
Machinery developed by the Northwestern Main Machinery Design Bureau S Betin Trakt i sel'khozmash. 32 no.10 37-38 O '62.
Machinery for continuous harvesting of cereal crops. I. T. Nikitenko, B. F. Ostankovich Mashinostroenie no.4 89-92 Jl-Ag '62
A mechanized continuous line for manufacturing the discs of the leading wheels of a combine. A N Cherepakhin, N I Deplov Trakt. i sel'khozmash 32 no 10 40-42 O '62.
Trends in the development of sugar beet harvesting combines V A Korenkov Trakt i sel'khozmash 32 no 10 24-32 O '62

HARZBURGITE see subdivision under Kola Peninsula

HASDEU, ALEXANDRU-PETRICEICU, 1811-1872
Study of the philosophical views of Alexandru Hasdeu [in Moldavian with summary in Russian]. A I, Chebotaru. Izv. AN Mold. SSR no. 1:68-77 '62.

HAY
Adhesion of fine-stemmed materials in briquetting [with summaries in English, German, and French]. V. I. Osobov. Vest. sel'khoz. nauki 7 no.8 92-94 Ag '62.
Study of a hay briquetting process V I Osobov, Trakt. i sel'khozmash. 32 no 10 25-27 O '62

HEALTH EDUCATION see subdivision under Stepanakert

HEALTH INSURANCE see Insurance, Health

HEALTH RESORTS, WATERING PLACES, ETC.
(see also subdivision under Bad Elster; Cheleken Peninsula; Istisu, Azerbaijan, Moldavia, see also Kislovodsk; Kul'dur, Sochi; Staraya Russa; Yessentuki)
General problems in planning sanitary protection zones for health resorts, K. A. Dubinskii. Zdravookhranenie 5 no.4:45-51 Jl-Ag '62.
Knyavets, L. N. [Neuroses and their sanatorium-health resort treatment] Nevrozy i ikh sanatorno-kurortnoe lechenie. Moskva, Medgiz, 1962. 213 p.
Method of exercise therapy for elderly people at health resorts, A. F. Poroshin. Vop. kur., fizioter. i lech. fiz. kul't. 27 no. 3:252-254 My-Je '62.
Oppengeim, D. G., comp. [Treatment and rest at health resorts in the Soviet Union] Lechenie i otdykh na kurortakh Sovetskogo Soiuza. Moskva, Medgiz, 1962. 201 p. (DNLM)
Study of the results of sanatorium and health-resort treatment. M. M. Mazur. Vop. kur., fizioter. i lech. fiz. kul't. 27 no. 3:233-238 My-Je '62.

HEART
Action of ionizing radiations on the heart [with summary in English]. P. D. Gorizontov, B. B. Moroz. Kardiologiia 2 no.4:3-9 Jl-Ag '62.
Dynamics and energy of the heart following the use of neuroplegic and antihistaminic preparations; report No.1 [with summary in English]. G. IA. Gchel'. Kardiologiia 2 no.4:18-27 Jl-Ag '62.
Tamblan, N. D. [The heart and sports] Serdtse i sport. Moskva, Izd-vo "Znanie," 1962. 44 p. (Novoe v zhizni, nauke, tekhnike. VIII Serila: Biologiia i meditsina, no.16)

HEART—ABNORMITIES AND DEFORMITIES
Dynamocardiographic examination in congenital heart defects [with summary in English]. B. D. Komarov Terap. arkh. no.8:93-97 '62.

HEART—DISEASES
Differential diagnosis of central cancer of the lung with lesions of the heart and large intrathoracic vessels. M. I. Glikin. Klin. med. 40 no.6:123-126 Je '62.

HEART—INFARCTION
Acute ulcers, erosions and hemorrhages of the stomach and intestines in myocardial infarct. I. G. Danilak. Terap. arkh. no.6:46-49 '62.
Changes in the sodium in the blood plasma and urine in acute myocardial infarct (flame photometry). V. A. Borzov. Terap. arkh. no.6:103-107 '62.
Hemorrhagic pancreatic necrosis as a thromboembolic complication in myocardial infarction. K. F. Vlasov. Klin. med. 40 no.6:129-130 Je '62.
Important Russian priority in the field of cardiology (from the history of the description of the clinical picture and development of intravital diagnosis in myocardial infarction. L. I. Zhukovskii. Klin. med. no.12:112-114 '61.
Microfocal myocardial infarcts and chronic hepatitis at the expanded plenum of the board of the All-Russian Society of Therapeutists; January 21-22, 1962 in Moscow. V. E. Aniskimov, F. T. Krasnoperov. Kaz. med. zhur. no.3:95-97 My-Je '62.
Molchanov, N. S. [What myocardial infarct is] Chto takoe infarkt miokarda. Leningrad, Medgiz, 1962. 30 p. (Nauchno-populiarnaia meditsinskaia literatura) (DNLM)
Spontaneous gastric hemorrhage in acute myocardial infarction. S. B. Laskin. Klin. med. 40 no.6:130-134 Je '62.

HEART—MUSCLE
Changes in the distal segments of the coronary vessels of the heart and in the myocardium in atherosclerosis [with summary in English]. E. N. Agapova. Arkh. pat. no.7:19-26 '62.
Functional state of the myocardium in elderly and old subjects [with summary in English]. K. A. Morozov Kardiologiia 2 no.4 52-58 Jl-Ag '62.

HEART—RADIOGRAPHY
Changes in the heart volume in mitral stenosis under the influence of mitral commissurotomy; X-ray examination. M. A. Ivanitskaia, I. I. Rushanov Terap. arkh. no.6:87-92 '62.
Roentgenokymographic examination of the heart in anthracosilicosis. A. V. Rozenberg. Klin. med. no.12 64-69 '61.

HEART—SOUNDS
Significance of the phenomenon of sound interference in the appearance of a strong first tone in some rhythm disorders [with summary in English]. E.S Sigal. Kardiologiia 2 no.4,71-75 Jl-Ag '62.

HEART BEAT
Dynamocardiographic examination in congenital heart defects [with summary in English] B D. Komarov. Terap. arkh. no.6:93-97 '62.

HEART BLOCK
Case of complete atrioventricular block following a closed injury to the cranium. N. S. Draliuk. Klin. med 40 no.6:139-140 Je '62.

HEART FAILURE
Congenital heart failure. A. Iofe. Rab. i sial. 38 no.8. 20 Ag '62.

HEAT—CONVECTION
Kinetic transitions. A. A. Vedenov. Zhur. eksp. i teor fiz 43 no.1,333-335 Jl '62

HEAT—PHYSIOLOGICAL EFFECT
Effect of overheating on the change in the concentration of sodium and potassium cations in the blood plasma of rabbits. A. Kh. Babaeva. Izv. AN Turk. SSR. Ser. biol. nauk no.3:52-55 '62.
Effect of overheating on the change of protein composition in the blood serum. N. V. Stefanovskaia. Izv. AN Turk. SSR. Ser. biol. nauk no.3:56-60 '62.
Effect of overheating on the content of riboflavin in the tissues of white rats. E. L. Perel'man Izv. AN Turk. SSR. Ser. biol. nauk no.3:70-73 '62.
Effect of overheating on the differential leucocyte count and phagocytic activity of leucocytes. A. T. Berdyeva. Izv. AN Turk. SSR. Ser. biol. nauk no.3:66-70 '62.
Effect of overheating on the succinic dehydrogenase activity in the cardiac muscle of white rats. E. L. Perel'man. Izv. AN Turk. SSR. Ser. biol. nauk no.3: 62-65 '62.
Effect of the removal of the thyroid gland on the endurance and the dehydration degree of tissues under conditions of acute overheating. A. A. Nepesov, E. P. Serebriakov. Izv. AN Turk. SSR. Ser. biol. nauk no.3: 60-62 '62.
Reflex changes in the thermoresistance level of muscular tissue of grass frogs I M. Pashkova Dokl AN SSSR 146 no.2:499-501 S '62.

HEAT—TRANSMISSION
Analyzing the propagation of nonequilibrium thermal wave on the assumption of a finite velocity of light [with summary in English] A S. Kompaneets, E. IA. Lantsburg. Zhur. eksp. i teor. fiz. 43 no.1:234-240 Jl '62.
Collier, J. G. [Review of two-phase heat transfer. Translated from the English] Obzor rabot po teploobmenu k dvukhfaznym sistemam. Pod red. L. S. Sternana. Moskva, Izd-vo inostr. lit-ry, 1962. 177 p. (Nauchnye problemy energetiki)
Heat transfer to a staggered bank of tubes in transverse flow of molten sodium. V. M. Borishanskii, A. A. Andreevskii, V. B. Zhinkina. Atom. energ. 13 no.3:269-271 S '62.
Heat transfer to liquid sodium in pipes. V I. Subbotin and others. Atom. energ. 13 no.4:380-382 O '62.
International Conference on Heat Transfer. P. A. Ushakov. Atom. energ. 13 no.3:283-285 S '62.
Studying the heat transmission in case of the moving steam condensation on a horizontal tube. L. D. Berman IU. A. Tumanov. Teploenergetika 9 no.10:77-83 O '62.

HEAT CONTENT see Enthalpy

HEAT ENGINEERING
"General heat engineering" by E. G. Shumskii, B. A. Bogdasarova. Reviewed by A. A. Lisenko. Teploenergetika 9 no.10:95-96 O '62.
Production of energy in the heat consumption of casinghead gasoline plants. A. P. Klimenko, G. E. Kanevets, B. V. Galduk. Trudy Inst. isp. gaza AN USSR 9:103-108 '61.

HEAT EXCHANGERS
(see also subdivision under Saratov)
[Concise manual on heat exchangers] Kratkii spravochnik po teploobmennym apparatam. [By] V. A. Grigor'ev i dr. Pod red. P. D. Lebedeva. Moskva, Gosenergoizdat, 1962. 255 p.
Designing optimum heat exchange units with the aid of electronic calculating machines. A. P. Klimenko and others. Trudy Inst. isp. gaza AN USSR 9,111-116 '61.

HEAT OF COMBUSTION
Determination of the heat of combustion of wheat grain proteins during their thermal denaturation. V. N. Ponomarev and others. Dokl. AN SSSR 146 no.1 213-214 S '62.

HEAT OF FORMATION
Determination of the heat of formation of di-n, -butyl ester of n -butylboric acid G I. Gal'chenko and others Zhur ob. khim 32 no 8:2405-2408 Ag '62.

HEAT TREATING FURNACES see Furnaces, Heat treating

HEATING
Nesterenko, A. V. [Principles of thermodynamical calculations in air conditioning and ventilation] Osnovy termodinamicheskikh raschetov ventiliatsii i konditsionirovaniia vozdukha. Moskva, Vysshaia shkola, 1962. 354 p.
Relative location of the heating unit and the ventilator. M. I. Fil'not. Izv. vys. uch. zav., stroi. i arkhit. 5 no.4:155-164 '62.
Utilization of hot-spring water as a source of heat in cities, health resorts, and industrial enterprises of Krasnodar Territory. Issl. po mikroklim. nasel. mest i zdan. i po stroi. fiz. no.1 71-86 '62.

HEATING RESEARCH
(see also subdivision under Moscow)
In the State Committee on Construction of the U.S.S.R., information. V G. Burminov. Ved. i nauch. tekh. no.7: 36-37 Jl '62.

HEGEL, GEORG WILHELM FRIEDRICH, 1770-1831
The problem of direct knowledge in Hegel's philosophy [with summary in English, p.166]. V. F Asmus. Vop. filos. 16 no.9:112-120 '62.

HELEIDAE see subdivision under Nakhichevan A. S. S. R.

HELIOLITHIDAE see subdivision under Altai Mountains

HELIPORTS
Helicopter transportation in cities. V. Mikhailov. Avtot. SSSR no.8:48-49 '62.

HELIUM
Electron capture by helium ions in various gases in the 300 - 1500 Kev, energy range [with summary in English]. L. I. Pivovar, M. T. Novikov, V. M. Tubaev. Zhur. eksp. i teor. fiz. 42 no.6,1490-1494 Je '62.
Interaction between 143 Mev. negative π-mesons and helium [with summary in English]. IU. A. Budagov and others. Zhur. eksp. i teor. fiz. 42 no.5:1191-1208 My '62.
Mechanism of helium separation from metamict zircons [with summary in English]. A. V. Karlakin. Geokhimiia no.8:660-664 '62.
Using an orthogonal complex potential for describing the elastic scattering of 1 to 40 Mev. protons on He^4. L. S. Sokolov, I. N. Lebkova. Izv. vys. uch. zav.; fiz. no.4:62-65 '62.

HEMATITE see subdivision under Belozerka region (Zaporozh'ye Province)

HEMATOLOGY
"Clinical hematological atlas" by S. L. Luzkova. Reviewed by N. D. Mikhailova. Lab. delo 8 no.8:59-60 Ag '62.

HEMATOLOGY—EQUIPMENT AND SUPPLIES
Convenient method for taking small quantities of blood serum. M. P. Peterson. Lab. delo 8 no.8 40-41 Ag '62.

HEMOGLOBIN
Concise historical outline of the problem of genetic relation between chlorophyll and hemoglobin. E. M. Senchenkova. Trudy Inst. fot. est. i tekh. 40:157-197 '62.

HEMOGLOBINURIA
Paradoxical hemoglobinuria. IU. I. Loria. Probl. gemat i perel. krovi no.6:50-53 '62.

HEMOLYSIS AND HEMOLYSINS
Hemolytic action of thiol poisons V. V. Sokolovskii. TSitologiia 4 no 4:460-465 Jl-Ag '62.

HEMOLYTIC ANEMIA
Clinical aspects and treatment of autoimmune hemolytic anemias. M. S. Dul'tsin, IU. I. Loria. Vop okh. mat i det. 7 no.8:8-12 Ag '62.

HEMOPOIETIC SYSTEM
Changes in the blood and hemopoietic organs in periarteritis nodosa. V. E. Liubomudrov. Probl. gemat. i perel. krovi no.6:28-31 '62.
Effect of diversified therapy on the correlation between changes in the blood and medullary hemopoiesis in calves with theileriasis. B. S. Ovezmuradov. Izv. AN Turk. SSR. Ser. biol. nauk no.4:62-68 '62.
Effect of the spleen on hematopoiesis; concerning the discussion articles by M. M. Tushinskaia, IU. P. Urinson and Professor D. N. IAnovskii. L. I. Geller. Probl. gemat. i perel. krovi no.6:37-38 '62.

HEMOPOIETIC SYSTEM---DISEASES see subdivision under Kishinev

HEMORRHAGE
Bilateral apoplexy of the ovaries. A. A. Vasil'ev. Kaz. med. zhur. no. 3 61-63 My-Je '62.
Hemoptysis and hemorrhage in tuberculosis. M. A. Moshevich. Med. sestra 21 no. 6:12-16 Ag '62.
Rare case of prolonged pulmonary hemorrhage from an atherosclerotic aneurysm of the thoracic aorta. S. S. Kruglova, O. V. Sgibneva. Klin. med. no. 12:110-111 '61.
Treatment of hemorrhagic complications caused by anticoagulants. I. V. Mokhina. Klin. med. 40 no. 6:136-137 Je '62.

HEMORRHOIDS
Treatment of hemorrhoids using sage. G. M. Sagalov, Fel'd. i akush. 27 no. 7:44 Jl '62

HEMP
(see also subdivision under Transcarpathia)
Agroclimatic zoning of the U. S. S. R. according to the hemp yield. V. A. Smirnova. Trudy NIIAK no. 15,24-51 '62

HEMP—FERTILIZERS AND MANURES
Effect of different forms of nitrogen fertilizers on carbohydrate and protein metabolism in hemp [with summary in English]. B. V. Lesik. Fiziol. rast. 9 no. 4:476-479 '62.

HEPARIN
Neutralization of heparin by protamine sulfate during artificial blood circulation. M. IA. Khodas, G. Kh. Platnitskaia, A. S. Zhidovetskaia. Klin. khir. no. 7 50-52 Jl '62.

HEPATITIS, INFECTIOUS
Gaseous composition of the blood in the differential diagnosis of infectious and mechanical jaundice [with summary in English]. V. P. Bezuglyi. Terap. arkh. no. 6: 28-34 '62.

HERBICIDES
Chemical control of weeds in carrot fields. IU. H. Merezhyns'kyi. Nauk. pratsi Ukr. nauk.-dosl. inst. zem. 11:135-139 '61.
Derivatives of 2, 2'-diphenic acid. Part 1 Esters, amides, and ester-amides of diphenic acid as possible insecticides and herbicides. L. P. Kulev, R. N. Gireva, G. M. Stepnova. Zhur. ob. khim. 32 no. 9:2812-2816 S '62.
Results of research on the effect of simazine and atrazine on corn plantings [in Armenian with summary in Russian]. R. G. Paramian. Izv. Upr. sel'khoz. nauki Arm. SSR 6 no. 6:53-57 '62.

HERNIA
Case history of evagination of the intestines through a small intestine fistula. M. A. Gropianov. Klin. khir. no. 7:78-79 Jl '62.

HEROES
Heroes and heroic deeds. IU. Korol'kov. Kommunist 39 no. 16:119-121 N '62.

HERRING FISHERIES see subdivision under Atlantic Ocean; Azerbaijan, Finland, Gulf of; Norwegian Sea

HERTZEN, ALEKSANDR IVANOVICH, 1812-1870
A. I. Hertzen's ethnographic works in the thirties of the 19th century [with summary in English]. N. N. Stepanov. Sov. etn. no. 4:93-105 Jl-Ag '62.
History of the publication of Hertzen's works. M. K. Perkal'. Knigа; issl. i mat. 6:189-192 '62.
P. I. IAkushkin and A. I. Hertzen. A. I. Balandin. Sov. etn. no. 4 150-157 Jl-Ag '62.
A renewed legend; interpretation of A. I. Hertsen's legacy in present-day bourgeois historiography. A. I. Volodin. Ist. SSSR 6 no. 5:193-224 S-O '62.

HETEROCYCLIC COMPOUNDS
Glycol ethers and their derivatives. Part 47. Synthesis of acetals of aromatic and heterocyclic aldehydes. Shamkhal Mamedov, M. A. Avanesian. Zhur. ob. khim 32 no. 9:2834-2838 S '62.
Heterocyclic system containing phosphorus and nitrogen. G. I. Derkach. Zhur. ob. khim. 32 no. 9:3107 S '62
Interaction of 6-quinolyl aldehyde with heterocyclic bases containing active methyl groups. B. P. Lugovkin. Zhur. ob. khim. 32 no. 8:2544-2546 Ag '62.
Theoretical study of reactivity in substitution reactions of molecules with conjugate bonds using the free electrons method. Part 2. Six-membered nitrogen heterocycles [with summary in English]. M. N. Adamov, I. F. Tupitsyn. Vest. LGU 17 no. 16,58-66 '62.

HETEROPTERA see subdivision under Nukha region; Zakataly region

HETEROSIS
Linear-heterosis method in sugar beet breeding [with summaries in English, German, and French]. T. F. Grin'ko, V. G. Peretiat'ko. Vest. sel'khoz. nauki 7 no. 8:43-49 Ag '62.
Making use of heterosis in buckwheat [with summary in English]. G. V. Priezzhev. Izv. TSKHA no. 3:47-58 '62.
Possibility of predicting heterosis in tobacco [with summaries in English, German, and French]. V. I. Chirkovskii. Vest. sel'khoz. nauki 7 no. 6:140-143 Je '62.

HEUSINGER, ADOLF, 1807-
Danov, G. P. [What General Heusinger dreams of] Chto snitsia generalu Khoizingeru. Moskva, Gospolitizdat, 1962. 30 p.

HEXADECENOL
Total synthesis of 3, 7, 11, 15-tetramethyl-1-hexadecen-3-ol (isophytol). M. E. Maurit and others. Zhur. ob. khim 32 no. 8:2483-2487 Ag '62

HEXANEDIAMINE
Synthesis of diquaternary salts of N, N' derivatives of hexamethylenediamine. Part 3. Polarographic behavior of esters of hexamethylene-1, 6-bisdimethylaminoacetic acid. A. I. Lopushanskii. Zhur. ob. khim. 32 no. 9 3096-3105 S '62

HEXATRIENE
Chemistry of divinylacetylene and its halo derivatives. Part 11: Dimer of cis-2, 3, 4, 5-tetrachloro-1, 3, 5-hexatriene and its adduct with maleic anhydride. A. N. Akopian, V. S. Aslamazian. Zhur. ob. khim. 32 no. 8:2443-2448 Ag '62.

HEXENYNE
Conjugated systems. Part 159. Hydration of 2-hexen-1-yne and 3-methyl-2-hexen-4-yne. B. S. Kupin, A. A. Petrov. Zhur. ob. khim. 32 no. 8:2494-2498 Ag '62

HEXITOL
Synthesis and chemical properties of phosphinites of 1, 4, 3, 6-dianhydrohexitol. K. A. Petrov and others. Zhur. ob. khim. 32 no. 9:3074-3080 S '62

HEXONIUM
Effect of the ganglionic blocking preparation hexonium on the functional state of the stomach in peptic ulcer and chronic gastritis [with summary in English]. V. V. Trusov. Terap. arkh. no. 6:41-46 '62

HEYERDAHL, THOR, 1914-
Thor Heyerdahl in Leningrad. S. V. Obruchev. Izv. Vsesoiuz. geog. ob-va 94 no. 4:364-365 Jl-Ag '62.

HIBERNATION
Hibernation of Ancistrodon halys in nature [with summary in English]. A. P. Lesnik. Zool. zhur. 41 no. 8 1263-1265 Ag '62

HIEROGLYPHICS, MAYA see Picture writing, Maya

HIGH-FREQUENCY INDUCTION HEATING see Induction heating

HIGH MOLECULAR WEIGHT COMPOUNDS see Macromolecular compounds

HIGH PRESSURE RESEARCH
Electric resistance of cerium at low temperatures and high pressures [with summary in English]. B. S. Itskevich. Zhur. eksp. i teor. fiz. 42 no. 5:1173-1182 My '62.
Ogibalov, P. M. and I. A. Kliko. [Behavior of matter under pressure] Povedenie veshchestva pod davleniem [Moskva] Izd-vo Mosk. univ., 1962. 153 p.

HIGHER EDUCATION see Education, Higher

HIGHWAY RESEARCH
Method for calculating the average brightness of road coatings. IA. B. Zil'berblat. Svetotekhnika 8 no. 10: 11-15 O '62.

HILLSTROM, JOSEPH, 1879-1915
Joe Hill. IU. Dmitriev. Znan.-sila 37 no. 7:11-17 Jl '62.

HIP JOINT—TUBERCULOSIS
Clinical and roentgenological criteria of cure in tuberculous coxitis in adults [with summary in English]. A. Z. Sorkin. Klin. med. no. 12:40-44 '61.

HISTOCHEMISTRY
"General cytochemical methods" [in English] by J. F. Danielli. Vols. 1-2. Reviewed by N. A. TSitologiia i no. 4, 4 of cover Jl-Ag '62.

HISTORICAL FICTION
Andreev, IU. L. [The Soviet Russian historical novel; the 1920's and the 1930's] Russkii sovetskii istoricheskii roman, 20-30-e gody. Moskva, Izd-vo Akad. nauk SSSR, 1962. 185 p.

HISTORICAL MATERIALISM see Dialectical materialism

HISTORICAL MUSEUMS
(see also subdivision under Borisov; Moldavia)
Historical museums in 1917-1934. A. B. Zaks. Ist. SSSR 6 no. 5:163-170 S-O '62.

HISTORICAL RESEARCH see subdivision under Azerbaijan; Estonia; Moscow; Uzbekistan; White Russia

HISTORIOGRAPHY
Cherniak, E. B. [Antihistorical historiography; critical evaluation of reactionary historiography in the age of the collapse of capitalism] Istoriografiia protiv istorii, kritika reaktsionnoi istoriografii epokhi krusheniia kapitalizma. Moskva, Izd-vo In-ta mezhdunarodnykh otnoshenii, 1962. 360 p.

HISTORY
Brief notes. Vop. ist. no. 9 186 S '62.

HISTORY—BIBLIOGRAPHY see Bibliography—History

HISTORY—PHILOSOPHY
Azizkovich, A. S. [The development of human societies] Kak razvivalos' chelovecheskoe obshchestvo. [Moskva] Mosk. rabochii, 1962. 76 p. (Obshchedostupnaia bibliotechka po filosofii)
"History and historicism in present-day philosophy" [in Italian] by Pietro Rossi. Reviewed by I. S. Ivon. Vop. ist. no. 9, 160-166 S '62
The nature of historical knowledge [with summary in English, p. 185]. A. V. Gulyga. Vop. filos. 16 no. 9:28-38 '62.
Objective criterion of social progress [with summary in English, p. 165]. IU. N. Semenov. Vop. filos. 16 no. 9: 15-26 '62.

HISTORY—STUDY AND TEACHING
Teaching the history and the fundamentals of political science. G. Gabrielov. Nar. obr. no. 8 10-14 Ag '62
Terekhov, M. M., comp. [Chrestomathy for outside reading; evening sessions on history] Khrestomatiia po vneklassnoi rabote, shkol'nye istoricheskie vechera. Posobie dlia uchitelia. Moskva, Uchpedgiz, 1960. 433 p.
(CLU)

HISTORY, MODERN
Kunina, M. L. [Basic characteristics of the historical development of European and American countries, from 1870 to 1917] Osnovnye osobennosti istoricheskogo razvitiia stran Evropy i Ameriki, 1870-1917 gg. Moskva, Vysshaia shkola, 1962. 33 p. (V pomoshch' studentu-istoriku)

HOCKEY
[Ice hockey with a ball, a textbook for physical culture collectives] Khokkei s miachom; uchebnoe posobie dlia kollektivov fizicheskoi kul'tury. [By] V. A. Vinogradov i dr. 2. izd. Moskva, Fizkul'tura i sport, 1961. 228 p.

HODGKIN'S DISEASE
Case of lymphogranulomatosis in combination with hypernephroma. B. IA. Levina, S. IA. Berzhenevich. Klin. med. 40 no. 6:108-109 Je '62.
Lymphogranulomatosis. I. V. Kurdybailo. Med. sestra 21 no. 8 24-29 Ag '62.

HOLOGRAPHY see subdivision under Uzbekistan

HOISTING MACHINERY
Gol'tsbein, IA. V. [Hoisting mechanisms and rigging devices for the construction of thermal electric power plants] Gruzopod"emnye mekhanizmy i takelazhnye prisposobleniia dlia stroitel'stva teplovykh elektrostantsii. Moskva, Gosenergoizdat, 1963. 270 p.
Moskovskii dom nauchno-tekhnicheskoi propagandy imeni F. E. Dzerzhinskogo. [Overall mechanization and automation of hoisting and conveying operations in the machinery industry] Kompleksnaia mekhanizatsiia i avtomatizatsiia pod"emno-transportnykh rabot v mashinostroenii. Pod red. I. P. Kruglikova. Moskva, Mashgiz, 1962. 206 p.

HOISTING MACHINERY—ABSTRACTS
[Hoisting and conveying machinery and structures] Ref. zhur. Otd. vyp. 30: Pod. -transp. mash. i coor. obs. 18-20 S-O '62.

HOISTING MACHINERY—RIGGING
Riabkin, A. I. and B. A. Urvantsev. [Load slinging] Stropovka gruzov. Moskva, Mashgiz, 1962. 163 p.

HOISTING MACHINERY—SAFETY APPLIANCES see subdivision under Erivan

HOISTING MACHINERY—SAFETY MEASURES
Dzhalallan, E. S. [Handbook on safety measures for the crane rigger and signalman] Pamiatka po tekhnike bezopasnosti dlia takelazhnika-signal'shchika. Moskva, Gosstroiizdat, 1961. 31 p. (Tekhnika bezopasnosti)

HOLIDAYS see subdivision under Ukraine

HOLLAND see Netherlands

HOLMIUM—MAGNETIC PROPERTIES
Magnetostriction of Tb and Ho [with summary in English]. S. A. Nikitin. Zhur. eksp. i teor. fiz. 43 no. 1: 31-34 Jl '62.

HOLOTHURIANS
Living cucumbers. IU. Ivanov. Vokrug sveta no. 8:51 Ag '62.

HOME AND SCHOOL
Great help to schools. I. P. Konnova. Nach. shkola 20 no. 8 58-60 Ag '62
How to prepare children for school. I. P. Begunlavskii. Nach. shkola 20 no. 6:06 Ag '62.

HOME ECONOMICS
Makover, M. D. [Care and maintenance of home and household goods] Ukhod za zhilishchem i domashnimi veshchami. Moskva, Izd-vo M-va komman. khoz. RSFSR, 1962. 62 p.

HOME ECONOMICS (Continued)
Osadchiev, V.G., and A.M. Ionov. [Care of furniture, its transportation, repair and storage] Ukhod za mebel'iu, perevozka, remont i khranenie. Pod obshchei red. V.G. Osadchieva. Moskva, Gosles'bumizdat, 1962. 137 p.

HOMOGENIZATION
The OGB-10 homogenizer. D.I. Khenkin. Khar. prom. no.2 59 Ap-Je '62.

HOMOGRAFTS
Histologic changes in the skin following homoplasty applied in the treatment of radiation burns in rabbits. L.B. Berlin, V.I. Zhupan. Dokl. AN SSSR 146 no.1 242-245 S '62

HONEY LOCUST see subdivision under Turkmenistan

HONG KONG—POSTAGE STAMPS
Illegitimate series. N. Polisar. Az. i Afr. seg. no.9 60 S '62.

HOOKWORM DISEASE
Results of the initial tests of green oil and substance R in the eradication of Ancylostoma eggs and larvae, preliminary report. G.A. Guseinov, N.I. Mamedov. Med. paraz. i parazit. bol. no 3 314-316 '62.

HOPPERS
New automatic cyclical measuring hoppers. G.V. Monastyrskii. Mekh. stroi 19 no.9,19-22 S '62.

HORMONE THERAPY
Case of hormone therapy of adrenal gland coma IA A Kots. Kaz med zhur no 3 52-53 My-Je '62
Functional state of the adrenal cortex in infectious nonspecific polyarthritis and its change under the influence of hormonal therapy. M.G. Astapenko, N.B. Nikeeva Terap. arkh. no.6,60-67 '62.
Hormonal therapy for nephritis in children [with summary in English] V.I. Verbitskii, I.N. Vul'fson, R.P. Petrova. Vop. okh. mat. i det 7 no.6;12-18 Ag '62.
Use of some hormone preparations in the compound treatment of psoriasis. R.F. Fedorovskaia Kaz med zhur. no 3 64-65 My-Je '62.

HORMONES
Reaction of mast cells to hormones A.A. Voitkevich, A.I. Bukhonova, L.N. Kuleshova Dokl AN SSSR 146 no.2;492-495 S '62.
Some problems of influence on hormonal regulation in neurosurgical patients. L.N. Vinogradova. Vop. neirokhir. no.4;58-60 '62.

HORNBLENDE see subdivision under Krivoy Rog Basin

HORSEFLIES
(see also subdivision under Karelia)
Behavior of horseflies during bloodsucking and the effect of their saliva on man. A.S. Lutta. Trudy Kar. fil. AN SSSR no.30;186-191 '61.

HORSEMEN
Emotional and volitional characteristics of the actions of horsemen in overcoming obstacles. O.A. Chernikova. Probl. psikhol. sporta no.2;332-345 '62.

HORSES—DISEASES AND PESTS
Effect of an Alfortia invasion on the course of salmonellosis (paratyphoid) caused by S. abortus equi in young horses under experimental and natural conditions P.A. Velichkin. Trudy Rost. NIVS no.12;278-286 '60
Intoxication of horses during feeding with fodder infected with fungi. V.K. Parakin, D.V. Bashmakova. Trudy Rost. NIVS no.12;246-248 '60

HORSETAIL, FOSSIL see subdivision under Bashkiria

HORTICULTURE see subdivision under Kirghizistan

HOSIERY
Uniform coloring of capron reinforced cotton hosiery. M.S. Genzer, T.I. Petrova, F.M. Fisher. Tekst. prom. 22 no.9;16-18 S '62.

HOSPITALS see subdivision under Altai Territory; France; Vyazma

HOTBEDS see subdivision under Moscow Province

HOT-WATER HEATING
Industrial diagrams for hot-water heating systems. D. Akopian, I. Kagan Na stroi. Ros. 3 no.5;34-36 My '62

HOTELS, TAVERNS, ETC.
Interiors of modern hotels. D. Airapetov. Zhil. stroi. no.3;15-17 '62.

HOUSING
(see also subdivision under Leningrad)
Expenditures for housing and communal services in construction. K. Nerovnia. Bukhg. uchet 19 no.7;43-44 Jl '62.

HOUSING—HYGIENIC ASPECTS
Use of standards of permissible noise levels in homes in sanitary practice. I.L. Karagodina. Gig. i san. 26 no.12;51-56 D '61.

HOUSING—LAW AND LEGISLATION
[Collected regulations and instructions for housing committees] V pomoshch' zhilishchno-bytovoi komissii, sbornik postanovlenii i instruktsii. [Moskva] Profizdat, 1961. 93 p. (Bibliotechka profsoluznogo aktivista, no.8)
Ismailov, G.Z. [Handbook for tenants in questions and answers] Spravochnik kvartiros"emshchika v voprosakh i otvetakh. 2., dop. izd. Moskva, Izd-vo M-va kommun. khoz. RSFSR, 1962. 97 p.
Korshunov, Iu.N. [Legal regulations governing the assignment and use of quarters] Predostavlenie zhiloi ploshchadi i pravo pol'zovaniia eiu. Moskva, Gosiurizdat, 1962. 39 p. (Iuridicheskie konsul'tatsii dlia naselenia v voprosakh i otvetakh)
Recent legislative enactments. Sov. deput. trud no.10 101 O '62.
Some problems concerning the development of Soviet housing law during the building of communism IU.G. Basin. Sov. gos. i pravo 32 no.10 111-116 O '62.

HOUSING, RURAL
For further improvement in rural housing Zhil. stroi. no.9-1-2 '62.
Modern methods of planning rural residential blocks with one-story buildings. V.P. Balkakova. Trudy MIIZ no.11 71-80 '61.

HOUSING FOR PHYSICALLY HANDICAPPED
Statute on public councils at homes for the aged and physically handicapped. Sots. obesp. 23 no.7 44-45 Jl '62.

HRYHORUK, EVHEN MAKSYMOVYCH, 1899-1922
Evhen Hryhoruk. I.M. Dub'. Rad. lit. 6 no.5;109-111 S-O '62.

HUMAN ANATOMY see Anatomy, Human

HUMERUS—FRACTURE
Bilateral fracture of the neck of the humerus in combination with luxation of the shoulder joints in electrical trauma. O.A. Nurycheva, L.I. Kraitser. Ortbop., travm. i protez. 23 no.6 65-67 Je '62.
Osteosynthesis by the heterotransplant in fractures of the proximal end of the humerus. V.M. Rusteika Ortbop., travm. i protez. 23 no.6;62-63 Je '62
Results of treating fractures of the diaphysis of the humerus. L.N. Briantseva. Trudy Len. gos. nauch.-issl. inst. travm. i ortop. no.8 75-80 '61.

HUMUS
(see also subdivision under Kadnikov region, Kura-Araks Lowland)
Accumulation and decomposition of organic substances in the soil. I.N. Zakharchenko. Nauk. pratsi Ukr. nauk.-doslid. inst. zem. 11,100-101 '61.
Content and composition of humus in continuously fertilized soils, in crop rotation and monoculture [with summary in English]. V.L. Egorov, A.M. Lykov. Izv. TSKHA no.3;66-77 '62.

HUNGARY
Halasz, Zoltán, ed. [Hungary; geography, history, the state and social systems, economic life, living standards, culture and sports] Vengriia; geografiia, istoriia, gosudarstvennyi obshchestvennyi stroi, ekonomicheskaia zhizn', zhiznennyi uroven', kul'tura, sport. 2. izd. [Budapest] Izd-vo Korvina, [1962] 433 p.

HUNGARY—COMMERCE—RUSSIA
Soviet-Hungarian trade develops successfully [with English summary in appendix] M. Kadaia Vnesh. torg 42 no.6 7-10 '62

HUNGARY—ECONOMIC CONDITIONS
The Hungarian people complete successfully the building of the foundations of socialism. Zhel. dor. transp. 44 no.9;3-4 S '62.
Socialist countries as seen by a western socialist. Komi Zilliacus. Nov. vrem. 20 no.43;21-22 O '62.

HUNGARY—ECONOMICS
Rnevskaia, E.S. comp. [Studies on the history of economic thought in Hungary. Translated from the Hungarian] Ocherki istorii ekonomicheskoi mysli Vengrii. Moskva, Sotsekgiz, 1962. 211 p.

HUNGARY—GEOGRAPHY
Pécsi, Marton, and Béla Sárfalvi. [Hungary; studies on physical and economic geography] Vengriia, ocherki fizicheskoi i ekonomicheskoi geografii. Moskva, Geografgiz, 1962. 316 p.

HUNGARY—MACHINERY INDUSTRY—TECHNOLOGICAL INNOVATIONS
Innovations of Hungarian machinery designers. Mashinostroitel' no.9;44 S '62.

HUNGARY—RAILROAD RESEARCH
Railroad research work in Hungary. K. Szentgyörgyi. Zhel. dor. transp. 44 no.9;36-40 S '62.

HUNGARY—RAILROADS
The Hungarian people complete successfully the building of the foundations of socialism. Zhel. dor. transp. 44 no.9;3-4 S '62.

HUNGARY—RAILROADS—COMMUNICATION SYSTEMS
Development of the central block signaling systems and communications on Hungarian railroads. S. Urban. Zhel. dor. transp. 44 no.9;30-32 S '62.
Information system of the flow of loaded cars using calculating machines. A. Fekete, S. Lukacsko. Zhel. dor. transp. 44 no.9;33-36 S '62.

HUNGARY—RAILROADS—ELECTRIFICATION
Electrification of Hungarian railroads. L. Oroszvari. Zhel. dor. transp. 44 no.9;18-20 S '62.

HUNGARY—RAILROADS—EMPLOYEES—EDUCATION AND TRAINING
Professional training of railroad specialists in the Hungarian People's Republic. S. Mate. Zhel. dor. transp. 44 no.9;48-51 S '62.

HUNGARY—RAILROADS—MANAGEMET
Information system of the flow of loaded cars using calculating machines. A. Fekete, S. Lukacsko. Zhel. dor. transp. 44 no.9;33-36 S '62.
Organization of freight and passenger transport on the Hungarian railroads. J. Lindner. Zhel. dor. transp. 44 no.9;8-13 S '62.

HUNGARY—RAILROADS—REPAIR SHOPS
Maintenance and repair of the rolling stock on Hungarian railroads. F. Farago. Zhel. dor. transp. 44 no.9;21-27 S '62.

HUNGARY—RAILROADS—ROLLING STOCK
Rolling stock of the Hungarian railroads. L. Tölgyes. Zhel. dor. transp. 44 no.9;13-17 S '62.

HUNGARY—RAILROADS—SIGNALING
Development of the central block signaling systems and communications on Hungarian railroads. S. Urban. Zhel. dor. transp. 44 no.9 30-32 S '62.

HUNGARY—RAILROADS—TIES, CONCRETE
Use of plano-wire concrete ties. L. Kutasi. Zhel. dor. transp. 41 no.9;41-47 S '62.

HUNGARY—RAILROADS—TRACK
Reconstruction of the track superstructure in the Hungarian People's Republic. K. Papp. Zhel. dor. transp. 44 no.9;27-30 S '62.
Studying the stability of the straight sections of a continuous rail track. J. Nagy. Zhel. dor. transp. 44 no.9;40-44 S '62.

HUNGARY—RELATIONS (GENERAL) WITH RUSSIA
Friendship D. Dazhin. Sov. voin 44 no.19;29-30 O '62.
Ties of friendship. I. Shilingovskii. Sov. voin 44 no.19;26-28 O '62.

HUNGARY—TRANSPORTATION
The transportation of the Hungarian People's Republic on the upswing. I. Kossa. Zhel. dor. transp. 41 no.9;5-8 S '62.

HUSBAND AND WIFE
Family life, letters to the editor. Rab. i stat. 38 no.9 18-19 S '62.

HYBRID CORN
(see also subdivision under Georgia; Orel Province)
Content and quality of protein in hybrid corn [with summaries in English, German, and French]. A.A. Staflichuk, L.I. Pavlenko. Vest. sel'khoz. nauki 7 no.8;21-24 Ag '62.

HYBRIDIZATION, VEGETABLE
Some palynological data on introgressive hybridization. D.B. Arkhangel'skii. Bot. zhur. 47 no.7;1025-1030 Jl '62.

HYDATIDS
(see also subdivision under Rostov Province)
Some epidemiological problems of echinococcosis and methods for its control. R.S. Shul'ts. Med. parazit. i parazit. bol. no.3,272-274 '62.

HYDRATION
Conjugated systems. Part 159; Hydration of 2-hexen-4-yne and 3-methyl-2-hexen-4-yne B.S. Kupin, A.A. Petrov Zhur. ob. khim 32 no.8;2494-2498 Ag '62
Hydration kinetics of mineral ingredients in portland cement clinker. V.B. Ratinov, A.P. Lavut. Dokl. AN SSSR 146 no.1;148-151 S '62.

HYDRAULIC CONTROL
Approximate formula to evaluate the flow pressure on the valve of a "nozzle - flap" type control system S.B. Akselrod Trudy TSNIIMF no.38 102-105 '61

HYDRAULIC CONVEYING
Laboratory and industrial studies of local resistances in free-flowing hydraulic transportation. G.T. Tiutkov, G.S. Rudnev, A.I. Kuprin. Izv. vys. uch. zav.; gor. zhur. 5 no.6 95-97 '62
Method for designing screw feeders. M.N. Tiukin. Nauch. soob. IGD 12;232-242 '61.
Power evaluation of the expediency of hydraulic hoisting systems with chamber feeders. M.E. Zhurzha, Iu.S. Podolich. Ugol' Ukr. 6 no.9;14-15 S '62.
Study of pressure hydraulic conveying of crushed rock with the operation of a water pump. A.E. Ivanov. Gidr. stroi. 32 no.8;36-38 Ag '62.

HYDRAULIC ENGINEERING

In the Technical Council N Shlykova, Energ. stroi. no 27 89-90 '62

M. [illegible] i institut [illegible] zaklad[illegible] [illegible] [illegible] [

HYDROLYSIS—BIBLIOGRAPHY see Bibliography—Hydrolysis

HYDROMECHANICS see Fluid mechanics

HYDROMETALLURGY
Chizhikov, D. M., and others. [Hydro- and electrometallurgy of sulfide alloys and mattes] Gidroelektrometallurgiia sul'fidnykh splavov i shteinov. Moskva, Izd-vo Akad nauk SSSR, 1962. 204 p.

HYDROPEROXIDE
Formation of free radicals in the reaction of hydroperoxide with cyclohexanone. E. T. Denisov. Dokl. AN SSSR 146 no. 2:391-397 S '62.

HYDROPEROXIDE—PHYSIOLOGICAL EFFECT
Toxicology of isopropylbenzene hydrogen peroxide [with summary in English]. O. I. Smirnova. Gig. i san. 26 no. 12:22-25 D '61.

HYGIENE
Health hints. Zdorov'e 8 no. 9:30-31 S '62.
Luk'ianov, V. S., and others. [Living and health] Byt i zdorov'e. [Moskva] Profizdat, 1962. 149 p. (DNLM)

HYGIENE, RURAL see Public health, Rural

HYPERONS
K-meson - hyperon resonances [with summary in English]. A. I. Baz', V. G. Vaks, A. I. Larkin. Zhur. eksp. i teor. fiz. 43 no. 1 166-174 Jl '62.

HYPERSONIC AERODYNAMICS see Aerodynamics, Hypersonic

HYPERSTHENE see subdivision under Azov Sea region

HYPERSUSCEPTIBILITY see Anaphylaxis

HYPERTENSION
"Aerosion therapy of hypertension" by F. G. Portnov. Reviewed by N. P. Krylov, V. M. Leonova. Vop. kur., fizioter. i lech. fiz. kul't. 27 no. 3:273-274 My-Je '62.
Comparative characteristics of the hemodynamic indices during the night in peptic ulcer and hypertension. I. V. Zakharov. Terap. arkh. no. 6:50-55 '62.
Course of hypertension at Kul'dur health resort. P. IA. Grigor'ev, V. M. Plastinov. Vop. kur., fizioter. i lech. fiz. kul't. 27 no. 3:248-251 My-Je '62.
Effect of hypochloride diet on the phosphorus-carbohydrate metabolism of erythrocytes in atherosclerosis and hypertension. B. S. Berezovskii. Kaz. med. zhur. no. 3:11-13 My-Je '62.
Effect of Rauwolfia alkaloids on the kidneys in hypertension [with summary in English]. P. I. Mishchenko. Kardiologiia 2 no. 4 80-82 Jl-Ag '62.
Endocrine hypertensions. IU. I. Miklinev. Arkh. pat. no. 7:54-60 '62.
Genesis of the morphological changes in sudden death from hypertension. Report No. 2: Histological study of the kidneys. E. I. Travchetova. Sud.-med. ekspert 5 no. 3:24-27 Jl-S '62.
Hypertension. V. IA. Baranouskaia. Rab. i sial. 38 no. 9:21-22 S '62.
"Oxygen insufficiency in hypertension" by N. S. Zanozdra. Reviewed by M. S. Shneider. Kaz. med. zhur. no. 3: 90-91 My-Je '62.
Recent achievements in the treatment of hypertension. K. N. Zamyatova. Kardiologiia 2 no. 4:86-88 Jl-Ag '62.
Role of ischemia of the kidneys in the pathogenesis of hypertension [with summary in English]. N. L. Aslanian, G. A. Aslanian. Kardiologiia 2 no. 4:27-31 Jl-Ag '62.
Uropepsin excretion dynamics in hypertension treated with reserpine [with summary in English]. A. A. Drylov, N. P. Dobrik. Kardiologiia 2 no. 4 82-83 Jl-Ag '62.

HYPERTHYROIDISM
Treatment of thyrotoxicosis with radioactive iodine in combination with metotirine and mercazolil [with summary in English]. V. M. Udod. Klin. med. 40 no. 6: 86-90 Je '62.

HYPNOTISM—THERAPEUTIC USE
Hypnotic suggestion therapy in early pregnancy toxemias [with summary in English]. N. I. Kulmova. Vop. okh. mat. i det. 7 no. 3:46-48 Ag '62.

HYPOCHONDRIA
Forensic psychiatric significance of hypochondria. S. Z. Pashchenkov. Sud.-med. ekspert. 5 no. 3:43-47 Jl-S '62.

HYPOTHALAMUS—DISEASES
Khakhana, M. S. [Pathophysiology of the hypothalamus; hypothalamus-endocrine syndromes] Patofiziologiia gipotalamusa; gipotalamo-endokrinnye sindromy. Kishinev, Kartia moldovenieske, 1961. 258 p. (DNLM)

HYPOTHERMIA
Role of "natural" hypothermia in anoxia and the effect of low environmental temperature on its course. E. V. Gubler. Usp. sovr. biol. 53 no. 3:306-322 My-Je '62.

HYPOTHESIS
Hypothesis in natural sciences. L. V. Bazhenov. Vop. filos. 16 no. 9:151-164 '62.

HYSTERESIS
Kobelev, V. V. [Hysteresis loops of uniaxial ferromagnetic films] Petli gisterezisa odnoosnykh ferromagnitnykh plenok. Moskva, ITM i VT AN SSSR, 1961. 83 p. (Elektronnye vychislitel'nye mashiny) [With summary in English]
Temperature dependence of rotational hysteresis losses in magnesium-manganese ferrates. A. I. Drokin and others. Fiz. tver. tela 4 no. 9:2293-2296 S '62.

IAKOVLEV, IVAN IAKOVLEVICH, 1848-1930
J. A. Comenius and I. IA. IAkovlev; comparative pedagogical analysis. G. N. Volkov. Uch. zap. ChNII no. 21: 128-141 '62.

IAKUSHKIN, PAVEL IVANOVICH, 1820-1872
P. I. IAkushkin and A. I. Hertzen. A. I. Balandin. Sov. etn. no. 4 150-157 Jl-Ag '62.

ICE see subdivision under Antarctic regions

ICE—CONGRESSES
Conference on the study of the marginal formations of continental ice. IU. I. Hrubrin. Geog. zbir. no. 6: 196-201 '62.

ICE AGE see Glacial epoch

ICE ON RIVERS, LAKES, ETC. see subdivision under Tom' Valley

ICELAND SPAR see subdivision under Karabakh Upland

ICHINSKIY VOLCANO REGION—NAMES, GEOGRAPHICAL
Geographical names in the Ichinskiy Volcano region, Kamchatka. A. I. IAtskovskii. Vop. geog. no. 59:155-166 '62.

ICHNEUMON FLIES
New genera of braconids (Hymenoptera, Braconidae) in the fauna of the U. S. S. R. [with summary in English] V. I. Tobias. Zool. zhur. 41 no. 8 1190-1197 Ag '62.

IDEALISM
Professor Pecotche's logosophy. Nauka i rel. no. 8:40-41 Je '62.

ILI VALLEY—GEOLOGY, STRATIGRAPHIC
Neocene deposits in the Ili Depression. G. P. Filip'ev, F. S. Rabkin. Vest. AN Kazakh SSR 18 no. 6 63-67 Je '62.

IMIDAZOLE
Benz- and naphthazole series. Part 3. 2-Hydrazino- and 2-azidonaphth-(1, 2) imidazoles. N. P. Bednogina, I. N. Getsova, I. IA. Postovskii. Zhur. ob. khim. 32 no. 9 3015-3019 S '62.
Treatment of thyrotoxicosis with radioactive iodine in combination with metotirine and mercazolil [with summary in English]. V. M. Udod. Klin. med. 40 no. 6 86-90 Je '62.

IMMUNITY
Changes in natural immunity and the content of vitamin B_{12} in leukemia in relation to treatment. V. V. Akkerman and others. Probl. gemat. i perel. krovi no. 6: 3-11 '62.

IMMUNOCHEMISTRY
Preparation of immunosorbents on the basis of an emulsion nonisotactic polystyrol. A. M. Olovnikov. Lab. delo 8 no. 8:31-34 Ag '62.

IMMUNOLOGY
Antigen structure of tumors in man. Report No. 1: Preparation of specific sera to human stomach cancer [with summary in English]. Z. A. Aventirova, L. A. Ludogovskaia. Vop. onk. 8 no. 8 16-21 '62.
Physiological analysis of the process of immunogenesis with reference to its conditioned reflex regulation [with summary in English]. V. I. Luk'ianenko. Izv. AN SSSR. Ser. biol. 27 no. 4:502-502 Jl-Ag '62.

IMPEDANCE (ELECTRICITY)
Excitation of an impedance wedge by a threadlike magnetic source situated at the vertex. R. P. Starovoitova, M. S. Bobrovnikov. Izv. vys. uch. zav.; fiz. no. 4:130-130 '62.

IMPETIGO
Prevention of impetiginous diseases in cotton growers. G. M. Gukasian. Fel'd. i akush. 27 no. 7:29-31 Jl '62.

INCENTIVES IN INDUSTRY
Veselkov, F. S. [Material incentives for workers in the U. S. S. R.] Material'noe stimulirovanie trudiashchikhsia v SSSR. Moskva, Gospolitizdat, 1962. 238 p.
Wages and several problems of material incentives. V. Maier. Plan. khoz. 39 no. 10:18-26 O '62.

INCOME
Gross national product and national income in the system of the economic categories of socialism. A. Notkin. Vop. ekon. no. 9:31-46 S '62.

INCOMPATIBLES (PHARMACY)
Moscow. Pervyi meditsinskii institut. Kafedra tekhnologii lekarstvennykh form. [Incompatible and irrational prescriptions, a textbook on the technology of medicinal forms for correspondence students] Nesovmestimye i neratsional'nye propisi, uchebnoe posobie po tekhnologii lekarstvennykh form dlia studentov-zaochnikov. Moskva, 1962. 44 p. (DNLM)

INCUBATION
Cooling chicken eggs during various stages of embryogeny and its importance for the growth and development of the young. F. N. Kucherova. Agrobiologiia no. 4 588-594 Jl-Ag '62.

INDANDIONE
Iodomethylation of 2-substituted 1, 3-indandiones. R. F. Valter, G. IA. Vanag. Dokl. AN SSSR 146 no. 2 359-361 S '62.
2-Aryl-4, 5, 6, 7-tetrahydroxy-1, 3-indandiones. E. Gren, A. Strazdyn', G. Vanag. Zhur. ob. khim. 32 no. 9 2967-2971 S '62.
2-β-Aminoethyl-2-phenyl-1, 3-indandiones. IA. IA. Dregeris, G. IA. Vanag. Zhur. ob. khim. 32 no. 9 2863-2867 S '62.

INDEX NUMBERS (ECONOMICS)
Statistical indices of specialization and cooperation in machinery manufacturing. P. Oktiabr'skii. Vest. stat. no. 9 25-34 '62.

INDIA—CENSUS
The 1961 census of the population of India. L. Lukin. Vest. stat. no. 9 68-75 '62.

INDIA—ECONOMIC POLICY
India, Pakistan, and the "Common Market." M. Nikolaev. Az. i Afr. seg. no. 9:55-58 S '62.

INDIA—ETHNOLOGY
A trip to India. N. R. Guseva. Sov. etn. no. 4:165-175 Jl-Ag '62.

INDIA—FOREIGN RELATIONS
The word of the Indian people. Sov. profsoiuzy 18 no. 18 42 O '62.

INDIA—GOVERNMENT OWNERSHIP
Development of the state sector in Indian industry under the third five-year plan [with summary in English]. S. I. Tiul'panov, G. I. Chufrin. Vest. LGU 17 no. 17: 5-23 '62.

INDIA—HISTORY—PERIODICALS
"Journal of Indian history," an Indian periodical. L. B. Alaev. Vop. ist. no. 9:177-181 S '62.

INDIA—IRRIGATION
Irrigating with ground water in India. P. IA. Kochina, N. A. Mostenko. Gidr. i mel. 14 no. 8:47-56 Ag '62.

INDIA—LAC
In the realm of shellac. S. P. Drambiants. Priroda 51 no. 9:110-112 Ag '62.

INDIA—MEDICAL ASSISTANCE, RUSSIAN
Smallpox and dirty reporting. I. Andronov. Nov. vrem. 20 no. 40, 21 O '62.

INDIA—TRADE UNIONS
The word of the Indian people. Sov. profsoiuzy 18 no. 18: 42 O '62.

INDIA—VACCINATION
Smallpox and dirty reporting. I. Andronov. Nov. vrem. 20 no. 40, 21 O '62.

INDIC LITERATURE see subdivision under Asia, Central

INDICATOR PLANTS
Viktorov, S. V., E. A. Vostokova, and D. D. Vyshivkin. [Introduction to indicator geobotany] Vvedenie v indikatsionnuiu geobotaniku. [Moskva] Izd-vo Mosk. univ., 1962. 226 p.

INDIGIRKA VALLEY—GEOLOGY, STRATIGRAPHIC
Recent data on the age of the deposits of the upper Nera troughs in the Indigirka River basin. IU. P. Baranova. Dokl. AN SSSR 146 no. 1:161-163 S '62.

INDIUM
Absorption of neutrons emitted from a fast neutron source by cadmium and indium plates immersed in an aqueous medium. V. A. El'tekov, IU. S. Riabukhin. Atom. energ. 13 no. 3:266-269 S '62.

INDIUM ALLOYS
Scattering of electrons and holes in alloyed InSb, InAs, and GaAs. I. M. TSidil'kovskii. Fiz. tver. tela 4 no. 9: 2539-2549 S '62.

INDIUM ANTIMONIDE
Photogalvanomagnetic phenomena in InSb at room temperature. V. F. Zolotarev, D. N. Nasledov. Fiz. tver. tela 4 no. 9:2567-2575 S '62.

INDIUM ANTIMONIDE CRYSTALS
Transport phenomena in n-type InSb. G. I. Gusev, I. M. TSidil'kovskii. Fiz. tver. tela 4 no. 9:2490-2506 S '62.

INDIUM HALIDES

Stability in solutions of mixed thallium and indium halides IA.D Fridman, R I.Sorochan, N V Dolgashova Zhur neorg khim 7 no 9 2127-2133 S '62

INDOLIZINE

Synthesis of 2-methyl-6-vinylindolizine. F. N. Stepanov, G IU Turchinovich Zhur ob. khim 32 no 8 2659-2661 Ag '62

INDONESIA—COMMERCE—RUSSIA

On the basis of mutual benefit P Petrov Vnesh torg 42 no 8 10-11 '62

INDONESIA—DESCRIPTION AND TRAVEL

The land of eternal summer; in the cities, mines and tropical forests of Indonesia. M. B. Grigorovich Priroda 51 no. 8, 96-101 Ag '62.

INDONESIA—PETROLEUM INDUSTRY

An attack against the "oil illumvirate." M. Andreev. Nov. vrem. 20 no. 43: 26-29 O '62.

INDONESIA—RAIN FORESTS

In the tropical forests of Indonesia N. E. Kabanov. Vest. AN SSSR 32 no. 9 101-110 S '62.

INDONESIA—RUSSIAN EXPLORATION

Gnevusheva, E. I. [In the land of three-thousand islands; Russian scientists in Indonesia] V strane trekh tysiach ostrovov; russkie uchenye v Indonezii. Moskva, Izd-vo vostochnoi lit-ry, 1962. 221 p

INDONESIA—THEATER

Theater of silhouettes in Indonesia. G. A. Teatr 23 no. 9, 189-191 S '62.

"Vayang Purvo" belongs to the people [with English summary in insert]. N. Mitrofanov. Az. i Afr. sov. no. 9: 34-35 S '62.

INDUCTION HEATING

(see also subdivision under France)

Effectiveness of the use of induction heating for the heat treatment of rolled ferrous metal products. K. F. Starodubov, V. V. Vologdin, P. F. Khatchenko. Trudy Inst. chern. met. AN URSR 18 3-10 '62.

Rolling and hardening machine for the manufacture of double-flanged crane wheels. K. F. Starodubov and others. Trudy Inst. chern. met. AN URSR 18: 45-50 '62.

INDUSTRIAL ACCIDENTS

How we organized the examination of requests for compensation for work injuries. G. Lopukhin, O Maksimov. Sov. just. no. 18 22-23 S '62.

INDUSTRIAL BUILDINGS

Concretes based on light aggregates for industrial construction. Bud. mat. i konstr. 4 no. 2: 1-5 Mr-Ap '62.

A critical evaluation of assembly units and joints in multistory industrial buildings. P. Tarushkin, V. Babich. Prom. stroi. i inzh. soor. 4 no. 4: 19-21 Jl-Ag '62.

Plan for an industrial building with a group of shops. M. Krichevskii, I IA. Zvitskaia. Arkhit. SSSR no. 8, 32 '62.

Steadily raise the technical level of industrial construction. Prom. stroi. i inzh. soor. 4 no. 4: 60-63 Jl-Ag '62.

INDUSTRIAL BUILDINGS—COSTS

Russia (1923- U. S. S. R.) Gosudarstvennyi komitet po delam stroitel'stva. [Handbook of consolidated indices of estimated cost and expenditure of resources] Spravochnik ukrupnennykh pokazatelei smetnoi stoimosti i raskhoda resursov. Utverzhden Gosudarstvennym komitetom Soveta Ministrov SSSR po delam stroitel'stva 18 fevralia 1961 g. Moskva, Gosstroiizdat.

No. 1. [Buildings and structures for the production of building materials and elements] Zdaniia i sooruzheniia po proizvodstvu materialov i konstruktsii. 1961. 259 p.

INDUSTRIAL COSTS see Costs, Industrial

INDUSTRIAL DESIGN see Design, Industrial

INDUSTRIAL EFFICIENCY see Efficiency, Industrial

INDUSTRIAL ELECTRIC TRUCKS

(see also subdivision under United States)

Automatic control of electric power trucks (from "Factory," no. 1, 1961). IA. E. Vol'fkovich. Prom. energ. 17 no. 10: 39 O '62.

INDUSTRIAL EQUIPMENT

(see also subdivision under Minsk)

On "Technical instructions for assembling columnar and tower types of equipment." Biul. stroi. tekh. 19 no. 3: 18 Mr '62.

INDUSTRIAL EQUIPMENT—ACCOUNTING

Inventory of industrial equipment and machinery for 1962. P. L. Zel'tser. Vest. mashinostr. 42 no. 9: 83-84 S '62.

INDUSTRIAL EQUIPMENT—MAINTENANCE AND REPAIR

(see also subdivision under Kharkov)

Gel'berg, B. T., and G. D. Pekelis. [Repair of industrial equipment] Remont promyshlennogo oborudovaniia. Moskva, Profizdat, 1962. 407 p.

IAkovlev, V. N. [Repairing equipment of machinery plants] Remont oborudovaniia mashinostroitel'nykh zavodov; spravochnoe posobie. Moskva, Mashgiz, 1962. 292 p

INDUSTRIAL EQUIPMENT—TECHNOLOGICAL INNOVATIONS

Criticism helped. N. Fedotenko. NTO 4 no 10: 4 O '62.

INDUSTRIAL HYGIENE

Brief news and information. Gig. i san. 26 no. 12: 110-111 D '61.

Fatigability of workers in absolute darkness V P. Kamchatnov. Kaz. med. zhur. no 3: 77-78 My-Je '62

"Problems in hygiene, pathology, and industrial toxicology." Transactions of the Sverdlov Research Institute for Industrial Hygiene and Occupational Pathology. Vol. 5. Reviewed by Z. I. Izrael'son Gig. i san. 26 no. 12: 103-104 D '61.

INDUSTRIAL LAWS AND LEGISLATION

New civil laws which regulate the work of socialist enterprises. L. Gil'ner. Sov. just. no 18: 6-7 S '62

"Problems concerning the legal regulation of the national economy, collected articles" Reviewed by Kh V Stuzhenko, L M Shor Sov. gos i pravo 32 no 10 139-142 O '62

INDUSTRIAL MANAGEMENT

(see also subdivision under Aktyubinsk; Gorkiy; Kazakhstan; Kharkov Economic region, Lugansk Province, Mari A. S. S. R.; Moldavia; Moscow, Moscow Province; Tashkent, Ukraine, Uzbekistan)

Current problems in the methodology of planning. L. Al'ter, P. Krylov, B. Mitroshnichenko. Kommunist 39 no. 16: 64-76 N '62.

"Economic problems of production organization" by S. A. Kheinman. Reviewed by N. Kunybina. Sots. trud 7 no. 9: 152-154 S '62.

[Economics and finance of socialist enterprises] Ekonomika i finansy sotsialisticheskikh predpriiatii. Moskva, Gosfinizdat, 1962. 404 p

[Economics of socialist industry; popular textbook] Ekonomika sotsialisticheskoi promyshlennosti, populiarnoe uchebnoe posobie. Moskva, Gospolitizdat, 1962. 302 p.

Enthusiasts of a perfect organization of production. I. Petrov. NTO 4 no. 10: 23-24 O '62.

Fedorovich, M. M. [Mathematical model of the technical, industrial and financial plan] Matematicheskaia model' tekhpromfinplana. Moskva, Izd-vo "Znanie," 1962. 61 p (Novoe v zhizni, nauke, tekhnike. III Serita: Ekonomika, no. 13/14)

For the further improvement of the administrative apparatus. M. Kuzin. Fin. SSSR 23 no. 9: 8-15 S '62.

IArkov, V. V. [Learn to manage] Uchis' khozialistvovat' Sverdlovsk, Metallurgizdat, 1961. 43 p (Osnovy ekonomiki predpriiatii chernoi metallurgii)

Important source for the economy of auxiliary labor. Sots. trud 7 no. 9: 3-10 S '62.

Important trend in the improvement of production. S. Mitrofanov. Sots. trud 7 no. 9: 27-33 S '62.

Kasitskii, I. IA. [On the "industrial virgin land."] O "promyshlennoi tseline." Moskva, Izd-vo "Znanie," 1962. 45 p. (Narodnyi universitet kul'tury: Tekhniko-ekonomicheskii fakul'tet, no. 9)

Kommunisticheskaia partiia Sovetskogo Soiuza. Vysshaia partiinaia shkola. [Economics of industrial enterprises; textbook] Ekonomika promyshlennykh predpriiatii; uchebnik. 2., perer. i dop. izd. Moskva, Gospolitizdat, 1962. 574 p.

Korol'kov, A. N. [Intraplant planning] Vnutrizavodskoe planirovanie. Moskva, Ekonomizdat, 1962. 143 p.

New indices of intraplant planning. M. Voronin, E. Sinstenko. Plan. khoz. 39 no. 10: 69-70 O '62.

Nikolaev, B. S. [Make progressive practice available to every worker] Peredovoi opyt - kazhdomu rabochemu. Moskva, Gospolitizdat, 1961. 63 p. (Ekonomicheskie znaniia - rabochim)

"Organization of production and work in machine manufacture," by A. Ovsepian. Reviewed by A. Puluzian. Prom. Arm. 5 no. 9: 70-73 S '62.

Problems of the further improvement of industrial management. M. Snvel'ev. Vop. ekon. no. 9: 9-19 S '62.

Regional economic councils are searching for hidden potentialities. V. Petrov, V. Sopin, P. Aunapu. Sots. trud 7 no. 9: 11-26 S '62.

Review of newspapers. Bukhg. uchet 19 no. 7: 61-66 Jl '62.

[School of socialist management; book for reading in schools for workers studying the economics of industrial enterprises] Shkola sotsialisticheskogo khoziaistvovaniia; kniga dlia chteniia v shkolakh rabochikh, izuchaiushchikh ekonomiku promyshlennykh predpriiatii. Moskva, Gospolitizdat, 1962. 295 p.

Technical, industrial and financial plan. A. Omarov. Plan. khoz. 39 no. 10: 54-60 O '62.

The theory of industrial management. I. Kasitskii Kommunist 39 no. 15: 61-70 O '62.

Utilize hidden potentialities more fully. M. Zotov. Den. i kred. 20 no. 9: 3-12 S '62.

V. I. Lenin on practicing economy and business accounting. F. Mikheev. Bukhg. uchet 19 no. 7: 1-8 Jl '62.

Why such complications? B. Shufchuk. Plan. khoz. 38 no. 10: 76-79 O '62.

Work system without specific assignment in the "Proletarskaya-Glubokaya" mine. IU. B. Petrov. Ugol'Ukr. 6 no. 9: 31-32 S '62.

INDUSTRIAL MANAGEMENT—BIBLIOGRAPHY see Bibliography—Industrial management

INDUSTRIAL MANAGEMENT—STUDY AND TEACHING

Let's disseminate the knowledge of economics among the masses. G. Churov Agitator no. 20: 62-63 O '62

INDUSTRIAL MUSEUMS see subdivision under Yaroslavl

INDUSTRIAL ORGANIZATION see subdivision under Armenia

INDUSTRIAL RELATIONS

A new form of exploitation of the working class by monopolies [with summary in English]. S. I. IAkovleva. Vest. LGU 17 no. 17: 37-46 '62.

INDUSTRIAL RESEARCH see Research, Industrial

INDUSTRIAL STATISTICS

"Problems in compiling the indices of industrial production" by M. A. TSeitlin. Reviewed by B. Goncharenko. Vest. stat. no. 9: 84-87 '62.

The system of the indices of the utilization of production equipment. I. Kaganovich. Vest. stat. no. 9: 15-25 '62

INDUSTRIAL TOXICOLOGY

"Problems in hygiene, pathology, and industrial toxicology." Transactions of the Sverdlov Research Institute for Industrial Hygiene and Occupational Pathology. Vol. 5. Reviewed by Z. I. Izrael'son. Gig. i san. 26 no. 12: 103-104 D '61.

INDUSTRIAL WASTES

Efficient utilization of sulfite liquors is the way for reducing the pollution of reservoirs. V. N. Shilonin. Bum. prom. 37 no. 9: 1-3 S '62.

Underestimated index. P. Savichev. Fin. SSSR 23 no. 9: 32-36 S '62.

INDUSTRIALIZATION

"Brief study of the history of industrialization in the U. S. S. R." by A. F. Khavin. Reviewed by G. A. Alekseev. Ist. SSSR 6 no. 5: 171-174 S-O '62.

Jackson, Barbara (Ward) [Five ideas that change the world. Translated from the English] Piat' idei, kotorye zmiiniaiut' svit. New York, Ukrainian Student Press, 1960. 145 p.

(InU)

INDUSTRIES, LOCATION OF

(see also subdivision under Kirghizistan)

"The electric power industry of the U. S. S. R. and its distribution" by N. M. Oznobin. Reviewed by M. Vilenskii. Vop. ekon. no. 9: 113-116 S '62.

INDUSTRY—ABSTRACTS

[Economics of industry] Ref. zhur.: Ekon. prom. no. 8 S '62.

INEQUALITIES (MATHEMATICS)

Inequality describing the effective mass in metals with a low concentration of current carriers. R. G. Arkhipov. Zhur. eksp. i teor. fiz. 43 no. 1: 349-351 Jl '62.

INFANTS—CARE AND HYGIENE

Health education on problems of physical training for infants in the family. M. I. Pomirov. Vop. okh. mat. i det. 7 no. 8: 75-78 Ag '62.

INFANTS—DISEASES

Osteomyelitis of the maxilla in the newborn and nursing children M. M. Sulov'ev. Stomatologiia 41 no. 4: 64-67 Jl-Ag '62.

INFANTS—MORTALITY

Pneumonias and pathological states as the cause of sudden death among the newborn and nursing infants. N. A. Mitiaeva. Sud.-med. ekspert. 5 no. 3: 19-24 Jl-S '62.

INFANTS—NUTRITION

Objective test for determining the vitamin B_2 requirement of young infants M. I. Kotytko. Lab. delo 8 no. 8: 28-30 Ag '62.

INFANTS (NEWBORN)—DISEASES

Lowering disease incidence and mortality of newborn infants in maternity homes [with summary in English]. M. A. Danilakhil. Vop. okh. mat. i det. 7 no. 8: 58-63 Ag '62.

INFANTS (NEWBORN)—MORTALITY

Causes of death of the fetus and the newborn, from materials of the second All-Union Conference of Pathomorphologists; January 22-26, 1962 in Minsk G. G. Nuprikhin. Kaz. med. zhur. no. 3: 96-99 My-Je '62.

INFECTION

Effect of some infections and intoxications on the course of epilepsy in children [with summary in French]. R. A. Kharitonov. Zhur. nevr. i psikh. 62 no. 7: 1087-1091 '62.

Ostryi, O. IA. [The infectious process] Infektsionnyi protsess. Moskva, Medgiz, 1962. 353 p.

(DNLM)

NFELD, LEOPOLD, 1898-
Religion and I Leopold Infeld Nauka i zhizn no.9 12-19 S '62.

NFLATION (FINANCE)
Keynesian theories of the stimulating influence of inflation on industrial production in the United States. B.S. Kachura. Izv. AN Turk.SSR, Ser obshchestv. nauk no.3,17-19 '62.

NFLORESCENCE
Doubling in the stock flower D.I. Babadzhanidi Agrobiologiia no.4:630-631 Jl-Ag '62

NFLUENZA
Some clinical and diagnostic problems in influenza. M.D. Tushinskii and others. Klin.med. no.12 54-60 '62.

NFORMATION STORAGE AND RETRIEVAL SYSTEMS
Memory device using a magnetic drum IA.A. Khetagurov. Avtom.upr.i vych.tekh. no.5 148-155 '62
Using calculating machines in planning. N.Petrov. Plan.khoz. 38 no.10:35-43 O '62.

NFORMATION THEORY
Carrying capacity of two classes of information channels with random varying parameters. N.A. Zheleznov. Elektrosviaz' 16 no.10 3-8 O '62.
Concerning Kotel'nikov's theorem. A.G. Ramm. Elektrosviaz' 16 no.10:71-72 O '62.
An efficient image transmission system. D.A. Novik. Elektrosviaz' 16 no.8:50-58 Ag '62.
Evaluation of the maximum likelihood of normal signal parameters. P.A. Bakut Izv.vys.ucheb.zav., radiotekh. 5 no.3 326-330 My-Je '62
Redistribution of signal probabilities in information transmitting and processing systems V.A. Geranin, I.G. Zarubin, M.I. Kanovskii Izv.vys.ucheb.zav., radiotekh. 5 no.3 339-346 My-Je '62

NFORMATION THEORY IN BIOLOGY
At a new stage. N.M. Stankian. Priroda 51 no.7,13-15 Jl '62.
Mathematics of life, cybernetic conceptions in biology and medicine. V.V. Parin Priroda 51 no.7:22-27 Jl '62.
"Oogenesis; the storage of developmental information" [in English] by Chr. P. Raven. Reviewed by V.L. Tsitologiia 4 no.4 4 of cover Jl-Ag '62.
Secrets of the biosynthesis of protein. K.I. Gladilin Priroda 51 no.7:31-36 Jl '62.

NFORMATION THEORY IN BIOLOGY—CONGRESSES
Session of the Department of Biological Sciences of the Academy of Sciences of the U.S.S.R. on the biological aspects of cybernetics. V.G. Kocherezhkin. Izv.AN SSSR.Ser.biol. 27 no.4:644-647 Jl-Ag '62.

NFRARED RAYS
Infrared damping and the photoactivation of the photoconductivity of cadmium selenide single crystals. V.V. Serdiuk. Izv.vys.ucheb.zav., fiz. no.4:140-145 '62.
Modern infrared detectors [translated from the English]. T.S. Moss. Usp.fiz.nauk 78 no.1 93-121 S '62.
Quenching of infrared luminescence in copper oxide by hydrogen ions. IU.I. Karkhanin, G.P. Peka, T.M. IAremola. Fiz.tver.tela 4 no.9:2308-2311 S '62.

NFRARED RAYS—MILITARY APPLICATIONS
Kichka, V.E. [Infrared rays in military affairs] Infrakrasnye luchi v voennom dele. Moskva, Voenizdat, 1962, 175 p.

NFRARED SPECTRUM see Spectrum, Infrared

NFUSORIA
Mechanism of changes in the ultrafine organization of infusorian mitochondria under the influence of injury. V.F. Mashanskii. Tsitologiia 4 no.4:445-449 Jl-Ag '62.

NGICHKI—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK
Important role of propagandists. M.Khusanov. Part. zhizn' [Uzb.] 5 no.9:05-07 S '62.

NGUR HYDROELECTRIC POWER STATION—DAMS
Concrete muscles of dams. D.Abramov. Tekh.mol. 30 no.9,4 '62.

NHERITANCE AND SUCCESSION
Cherepakhin, B.B. [Legal succession according to Soviet civil law] Pravopreemstvo po sovetskomu grazhdanskomu pravu. Moskva, Gosiurizdat, 1962. 160 p.

NHIBITION (CHEMISTRY)
Study of the active centers of cholinesterases with the aid of organophosphorus inhibitors. V.A. IAkovlev, R.I. Volkova. Dokl.AN SSSR 146 no.1:217-220 S '62.

NJECTIONS, INTRAVENOUS
Intravenous administration of medicinal substances. N.K. Mitropol'skii. Med.sestra 21 no.8:38-41 Ag '62.

NJURIES FROM ELECTRICITY see Electricity, Injuries from

INLAND NAVIGATION
(see also subdivision under Burma, Volga Valley)
Determining minimum speed for supercritical conditions of ship movement in canals [with summary in English] V.O. Stepanov, V.V. Stepaniuk. Prykl.mekh. 8 no.5 534-540 '62
Introduce a new signal. K. Bogomolov. Rech.transp. 21 no.9:51 S '62.

INLAND NAVIGATION—LAWS AND REGULATIONS
Russia (1917- R.S.F.S.R.) Ministerstvo rechnogo flota. [Rules of navigation along the inland waterways of the R.S.F.S.R.] Pravila plavaniia po vnutrennim vodnym putiam RSFSR. Vvedeny v deistvie s 1 marta 1959 g. prikazom ministra rechnogo flota No.28 ot 11 fevraliia 1959 g. Izd.5, stereotipnoe. Moskva, Izd-vo "Rechnoi transport," 1962. 98 p.

INLAND WATER TRANSPORTATION
(see also subdivision under Ryazan Province)
Brief news. Rech.transp. 21 no.9 40 S '62
Make drastic improvements in the use of the fleet. Rech.transp. 21 no.9:5-6 S '62.
Making the main index of harbor operations agree with the schedule of ship movements. V.Barmin Rech.transp. 21 no.9 10 S '62
Persistently apply the practices of progressive crews. Rech.transp. 21 no.9 2-4 S '62.

INLAND WATER TRANSPORTATION—CONGRESSES
Technical and Economic Conference of the Scientific Technological Society of Transportation Organizations. Rech.transp. 21 no.9 19-20 S '62.

INLAND WATER TRANSPORTATION—EMPLOYEES
Labor presents from river workers. Rech.transp. 21 no.9,21 S '62.

INLAND WATER TRANSPORTATION—STATISTICS
Results of carrying out the transportation plan for August and for the eight months of 1962. Rech.transp. 21 no.9 6-7 S '62.

INPUT-OUTPUT ANALYSIS see Linear programming

INSCRIPTIONS, RUNIC see subdivision under Novgorod

INSCRIPTIONS, TURKISH (OLD) see subdivision under Kirghizistan

INSECT BAITS AND REPELLENTS see subdivision under Karelia

INSECTICIDES
Controlling pests of pulse crops. A. Brudnaia. Muk.-elev.prom. 28 no.7:4-6 Jl '62.
Derivatives of 2,2'-diphenic acid Part 1 Esters, amides, and ester-amides of diphenic acid as possible insecticides and herbicides. L.P. Kulev, R.N. Girova, G.M. Stepanova Zhur.ob.khim. 32 no.9:2812-2816 S '62.
Use of new insecticides in controlling synanthropic flies in nonisolated sectors. T.K. Dotsenko and others. Med.parazit.i parazit.bol. no.3 355-359 '62.

INSECTS—DEVELOPMENT
Instars in the cutworm Hadena sordida Bkh. [with summary in English] S.G. Bobinskaia Zool.zhur. 41 no.8 1198-1202 Ag '62

INSECTS—BEHAVIOR
Adaptive color and behavior of insects. N.N. Drozdov. Priroda 51 no.9:109-111 S '62.

INSECTS—DEVELOPMENT
"Photoperiodism and seasonal development of insects" by A.S. Danilevskii. Reviewed by S.M. Pospelov. Priroda 51 no.9:108 S '62.

INSECTS—PHYSIOLOGY
Nature of resting potential in phytophagous insects. N.N. Nikol'skii, S.I. Vasinaln Tsitologiia 4 no.1:151-153 Jl-Ag '62

INSECTS, FOSSIL
Conservation characteristics of some fossil insect faunas [with summary in English, p.174]. IU.M. Zalesskii. Paleont.zhur. [Izv.vuz] no.1:121-126 '61.

INSTRUMENT INDUSTRY
(see also subdivision under Ukraine)
Basic trends in the improvement of assembling processes in the instrument industry. I.A. Sokolovskii. Priborostroenie no.9:4-6 S '62.
Present status and future development of technological processes in the instrument industry. A.N. Gavrilov. Priborostroenie no.9:1-3 S '62.
Shul'man, E.F. [Line production in the machinery and instrument industries] Potochnoe proizvodstvo v mashinostroenii i priborostroenii; iz opyta zavodov serijnym proizvodstvom. Moskva, Mashgiz, 1962. 222 p.
Using diamond cutters in the instrument industry. E.I. Tatis, A.I. Fedotov. Priborostroenie no.9:23-24 S '62.

INSTRUMENT INDUSTRY—PRODUCTION STANDARDS
Venglinskii, V.V., and others. [Establishing technical norms in the instrument industry] Tekhnicheskoe normirovanie truda v priborostroenii; spravochnoe posobie. Moskva, Mashgiz, 1962. 511 p.

INSTRUMENT INDUSTRY—TECHNOLOGICAL INNOVATIONS see subdivision under Kokchetav

INSTRUMENT MANUFACTURE
"Instrument parts and units, design and construction, manual" by D.D. Chunaba. Reviewed by IU.V. Sharlovskii. Priborostroenie no.9,3 of cover S '62.
Shepsenvol, A.I. [Auxiliary tools used in the manufacture of instruments] Vspomogatel'nyi instrument v priborostroenii. Moskva, Mashgiz, 1962. 179 p
Tukhvatullin, G.A. [Problems in the technology of the manufacture of cutting tools] Zadachnik po tekhnologii instrumental'nogo proizvodstva. Moskva, Gos. izd-vo "Vysshaia shkola," 1962. 119 p.

INSTRUMENTS—MAINTENANCE AND REPAIR
Average time for checking instruments in case of a given probability of failure. V.I. Krapivin, G.B. Linovskii. Izv.vys.ucheb.zav.; prib 5 no.4:120-122 '62.

INSULATING MATERIALS
Moscow Vsesoiuznyi nauchno-issledovatel'skii institut po stroitel'stvu. [Technology of heat insulating materials] Tekhnologiia teploizolatsionnykh materialov, sbornik trudov. Moskva, Gosstroiizdat, 1962. 132 p.
Vsesoiuznyi nauchno-issledovatel'skii institut novykh stroitel'nykh materialov. [Manufacture of heat and sound insulation materials, present state and future development] Proizvodstvo teplo-zvukoizoliatsionnykh materialov, sostoianie i perspektivy razvitiia. [By] L.M. Shmidt i dr. Moskva, Gosstroiizdat, 1962. 1962. 145 p.

INSULATING OILS
Effect of soaps on the dielectric losses in petroleum transformer oil R.A. Lipshtein, I.N. Shtern. Vest elektroprom. 33 no.10 58-61 O '62
Investigating the dielectric oil losses in power transformers. G. Galustian, E. Berchian. Prom. Arm. 5 no.6,53-57 S '62.
Nature of water-soluble acids formed during the initial stage of aging of insulating oils. K.I. Ivanov, V.P. Zhakhovskaia. Khim.i tekh.topl.i masel 7 no.7 58-62 Jl '62.

INSULATION (ELECTRIC) see Electric insulators and insulation

INSULATION (HEAT)
New insulating material based on air-entrained concrete. G.A. Sadovnikov Energ.stroi. no.27 10-44 '62.

INSULIN SHOCK THERAPY
Care and supervision of mental patients during insulin shock therapy. A.E. Lichko. Med.sestra 21 no.8, 34-40 S '62.

INSURANCE, ACCIDENT
Follow-up to a letter. V.Varfolomeev. Sov.shakh. 11 no.10:21 O '62.

INSURANCE, HEALTH
Consultation. Sov.shakh. 11 no.10:36-37 O '62.

INSURANCE, LIFE
Answering our readers' questions. Sov.iust. no.19 29-30 O '62.
Terms demanding reconsideration. L.Roitman. Fin. SSSR 23 no.9,56-57 S '62.

INSURANCE, SOCIAL
(see also subdivision under Greece)
Compensations for damages causing disability or any other injury. Sots.obesp. 23 no.7:56-58 Jl '62.
Concern for people is the main thing. Sots.obesp. 23 no.7,11-15 Jl '62.
Objectives of the social insurance organs in the light of the resolutions of the 22d Congress of CPSU. L.P. Lykova. Sots.obesp. 23 no.7:1-10 Jl '62.

INSURANCE, SOCIAL—EMPLOYEES see subdivision under Bryansk; Krasnoyarsk, Moscow; Ryazan Province; Skopin District

INSURANCE, UNEMPLOYMENT
Regulating unemployment pay for temporary loss of working capacity. M.M. Trubchannikov, M.N. Smirnova. Fel'd.i akush. 27 no.7:60-62 Jl '62.

INTAKES (HYDRAULIC ENGINEERING)
Lining made of concrete with plastic binder in hydraulic construction I.M. Elshin Energ.stroi. no.27 55-59 '62.
A new type of intakes. IU.V. Moskal'tsov. Vod.i san. tekh. no.7,10-13 Jl '62.
Obrazovskii, A.S. [Hydraulics of water-intake reservoirs] Gidravlika vodopriemnykh kovshei. Moskva, Gosstroiizdat, 1962. 194 p. (Inzhenernaia gidravlika)

INTAKES (HYDRAULIC ENGINEERING)—CONGRESSES
Coordinating conference on the problems of studying, designing, and operating water intake structures. A.G. Averkiev, G.N. Lapshin, V.I. Sinotin. Gidr.stroi 32 no.8:57-60 Ag '62.

INTEGRAL CALCULUS see Calculus, Integral

INTEGRAL EQUATIONS

Approximate solution to a certain type of integral equations. V.M.Aleksandrov. Prikl.mat.i mekh. 26 no.5:931-943 S-O '62.

Approximate solution to Fredholm's integral equation with two variables. D.G.Grebeniuk. Izv.AN Uz.SSR Ser.fiz.-mat.nauk 6 no.4:12-16 '62.

Integral representation of the dynamic field vector in infinite space. A.N.Filatov. Izv.vys.uch.zav.,mat. no.5:107-114 '62.

Mikhlin, S.G. [Multidimensional singular integrals and integral equations] Mnogomernye singuliarnye integraly i integral'nye uravneniia. Moskva, Fizmatgiz, 1962. 254 p.

Solving equations of the Chew-Mandelstam type [with summary in English]. N.Mclman, I.Gokhfel'd. Zhur.eksp.i teor.fiz. 43 no.1:181-184 Jl '62.

Solving linear equations in the dispersion method by two-particle approximation [with summary in English] A.F.Grashin. Zhur.eksp.i teor.fiz. 43 no.1:277-286 Jl '62.

Theorem of the existence of a bounded solution for nonlinear singular integral equations with a Cauchy kernel. Dokl.AN SSSR 146 no.2:288-291 S '62.

Theory of nonlinear singular integral equations. F.S. Khadzhimullaev. Izv.AN Uz.SSR, Ser.fiz.-mat.nauk 6 no.4:22-32 '62.

INTEGRALS

Some conditions for the existence of divergent integrals of the equation $y = f(y,y)$. E.V.Vdovina. Izv.vys. ucheb.zav., mat. no.3:11-21 '62.

Vsesoiuznyi zaochnyi inzhenerno-stroitel'nyi institut. Kafedra vysshei matematiki. [Practical work on multiple and line integrals] Prakticheskie zaniatiia po kratnym i krivolinejnym integralam. Moskva, 1962. 26 p.

INTEGRALS, GENERALIZED

Mikhlin, S.G. [Multidimensional singular integrals and integral equations] Mnogomernye singuliarnye integraly i integral'nye uravneniia. Moskva, Fizmatgiz, 1962. 254 p.

Mkhitarov, G.M. [New graphicoanalytic method for calculating Mohr's integral, methodological textbook for teachers of technical schools] Novyi grafoanaliticheskii sposob vychisleniia integrala Mora; metodicheskoe posobie dlia prepodavatelei tekhnikumov. Moskva, Sovet narodnogo khoziaistva Moskovskogo (gorodskogo) ekon. administrativnogo raiona, 1962. 20 p.

INTEGRODIFFERENTIAL EQUATIONS

Asymptotic representation of the solution to a mixed problem for one class of integrodifferential equations containing a small parameter [with summary in English] A.A. Stonytskyi. Ukr.mat.zhur. 14 no.3:299-307 '62.

Krivoshein, L.E. [Approximate methods for solving ordinary linear integrodifferential equations] Priblizhennye metody reshenija obyknovennykh lineinykh integro-differentsial'nykh uravnenii. Frunze, Akad. nauk Kirgizskoi SSR, 1962. 183 p.

INTELLECTUALS, UZBEK

S'ezd intelligentsii Uzbekistana. 2d, 1959. [The Second Congress of the Intelligentsia of Uzbekistan, December 11-12, 1959; verbatim report] Stenograficheskii otchet. Tashkent, Gos. izd-vo Uzbekskoi SSR, 1960. 188 p.

INTER-AMERICAN CONFERENCES

Mr. Rusk's troubles. IU.Bochkarev. Nov.vrem. 20 no.41:8-10 O '62.

INTERCONNECTED ELECTRIC UTILITY SYSTEMS

Highly maneuverable turbine systems. V.A.Zysin. Trudy LPI no.221:110-118 '62.

INTERFEROMETER

Interferometer for studying stress fields in transparent models. V.A.Moskalev, G.L.Khasin, I.M.Nagibina. Izv.vys.ucheb.zav., prib. 5 no.4:80-84 '62.

Jamin interferometer for lecture demonstrations. B.Sh. Perkal'skis, V.L.Larin. Izv.vys.uch.zav.; fiz. no.4:178-179 '62.

INTERFEROMETRY

New developments in interference spectroscopy [translated from the English]. P.Jacquinot. Usp.fiz.nauk 78 no.1:123-166 S '62.

INTERNAL CONVERSION (NUCLEAR PHYSICS)

Coincidences of conversion electrons emitted in the decay of Lu^{174}. B.S Dzhelepov, E.N.Rozhin, V.A. Sergienko. Izv.AN SSSR.Ser.fiz. 26 no.9:1164-1168 S '62.

Energy spectrum of internal conversion pairs emitted in the radiative capture of thermal neutrons in Gd. G.V Danilian, I.IA Korol'kov. Izv.AN SSSR.Ser.fiz. 26 no.9:1164-1168 S '62.

INTERNAL FIXATION OF FRACTURES

Osteosynthesis of fractures of the lower jaw using metallic pins without incision of the soft tissues. O.A. Rozhdestvenskii, M.K.Urmanova. Stomatologiia 41 no.4:43-44 Jl-Ag '62.

INTERNAL FRICTION

Investigating internal friction in copper on specimens obtained by powder metallurgy methods. V.P.Elutin and others. Tiz.met.i metalloved. 14 no.3:113-451 S '62.

INTERNAL MEDICINE see Medicine, Internal

INTERNAL SECURITY see subdivision under South Africa, Republic of

INTERNATIONAL AGENCIES

"International economic organizations." Reviewed by A.Frumkin. Nov.vrem. 20 no.42:29 O '62.

International monetary and financial organizations. G.Prokopenko. Den.i kred. 20 no.8:76-84 Ag '62.

INTERNATIONAL BANKING see Banks and banking, International

INTERNATIONAL ECONOMIC RELATIONS

Chepiakov, V.A. [Economics and policy of monopolistic capital] Ekonomika i politika monopolisticheskogo kapitala. Moskva, Izd-vo "Znanie," 1962. 39 p. (Novoe v zhizni, nauke, tekhnike. III Seriia: Ekonomika, no.15)

Imperialist "integration" and international relations. V.Gantman. Kommunist 39 no.16:98-107 N '62.

"International economic organizations" [in German] by Hans Moeller. Reviewed by A.Shebanov. Mir.ekon. i mezhdunar.otn. no.10:147-150 O '62.

INTERNATIONAL RELATIONS

"International relations after the Second World War." Mezhdunar.zhizn' 9 no.10:117-123 O '62.

INTERNATIONAL RELATIONS--BIBLIOGRAPHY see Bibliography--International relations

INTERNATIONALISM

Shevelev, A.G. [International duty of the Communist Party and the Soviet people] Internatsional'nyi dolg partiia i naroda. [Leningrad] Lenizdat, 1962. 54 p. (Besedy o moral'nom kodekse)

Shilov, N.F. [Proletarian internationalism and patriotism] Proletarskii internatsionalizm i patriotizm Moskva, Izd-vo VPSh i AON, 1962. 167 p.

INTERPLANETARY VOYAGES

Did people from space come to the earth? K.Gladkov Nauka i zhiz. no.9:14-18 S '62.

INTERSTELLAR MATTER

Analysis of the distribution of interstellar polarization and the character of the galactic magnetic field [with summary in English]. V.A.Dombrovskii. Uch.zap. LGU no.307:86-110 '62.

INTERVERTEBRAL DISK--DISEASES

Spinal insults in discopathies [with summary in French]. S.N.Davidenkov, G.V.Shamova. Och.klin.nevr. no.1:123-130 '62.

INTERVERTEBRAL DISK--SURGERY

Some principal questions in the pathology and surgical treatment of intervertebral disks. A.I.Arutiunov. Vop.neirokhir. no.4:21-24 '62.

INTESTINES

Changes in the tonus and peristalsis of isolated rabbit intestine under the influence of acid chalybeate mineral water from the health resort at Breznik. A.Shipochilov. Vop.kur., fizioter. i lech.fiz.kul't. 27 no.3:229-233 My-Je '62.

INTESTINES--CANCER

Acute obstruction due to a malignantly degenerated polyp of the small intestine. T.V.Soldatova. Klin.khir. no.7:74-75 Jl '62.

Hemangioendothelioma of the small intestine as a cause of severe intestinal hemorrhage [with summary in English]. V.A.Bakhtiarov, P.V.Shaburov. Vop. onk. 8 no.8:75-76 '62.

Improved method for the X-ray diagnosis of cancer of the large intestine. D.E.Kuntsevich. Klin.med. 40 no.6:120-123 Je '62.

INTESTINES--DISEASES

Antibiotics in pediatrics (dysentery, coli-enteritis, pneumonia). R.Z.Sherman, O.I.Sheviakova, S.D Tatarinova. Antibiotiki 7 no.8:749-757 Ag '62

Effect of some medicaments in disorders of the chemism and motor activity of the large intestine. A.V.Frol'kis Kaz.med.zhur. no.3:22-24 My-Je '62

Zverev, E.I. [Dysentery, food toxinfections and intestinal invasions] Dizenteriia, pishchevye toksiko-infektsii i kishechnye invazii. Pod red. i s predisl. K.V.Bunina. Moskva, Medgiz, 1962. 282 p. (DNLM)

INTESTINES--INNERVATION

Forms of nerve cells in intramural neural plexuses of the intestines. N.G.Kolosov. Dokl.AN SSSR 146 no.2:453-455 S '62.

INTESTINES--INTUBATION

Intestinal intubation through a gastrostoma for the purpose of removing a postoperative paralytic obstruction of the intestines. IU.M.Dederer. Klin.khir. no.7: 41-45 Jl '62.

INTESTINES--INTUSSUSCEPTION

Invagination of the jejunum simulating gastric hemorrhage. S.I.Tolokh. Klin.khir. no.7 77-76 Jl '62.

Submucosal lipoma of the sigmoid intestine complicated by invagination. V.M.Surin, V.G.Porsuenkov. Klin. khir. no.7:75-76 Jl '62.

Two cases of retrograde intestinal invagination. A.S. Altshul', M.A.Dolgov. Klin.khir. no.7:76-77 Jl '62.

INTESTINES--MICROBIOLOGY

Effect of various sugars ingested in milk treated with ion-exchange resins on the intestinal microflora of infants [with summary in English] I.I.Knaikauva, V.T.Borsenko. Vop.okh.mat.i det. 7 no.8:11-16 Ag '62.

INTESTINES--OBSTRUCTIONS

Acute obstruction due to a malignantly degenerated polyp of the small intestine. T.V.Soldatova. Klin.khir. no.7:74-75 Jl '62.

Intestinal intubation through a gastrostoma for the purpose of removing a postoperative paralytic obstruction of the intestines. IU.M.Dederer. Klin.khir. no.7: 41-45 Jl '62.

Intestinal obstruction following inflammation of the vermiform process. N.S.Paternyi. Klin.khir. no.7: 47-50 Jl '62.

Lowering the mortality in the surgical treatment of acute intestinal obstruction. I.M.Shapovalov. Klin. khir. no.7:50-53 Jl '62.

Method of enteroptyxis in postoperative adhesive intestinal obstruction. IU.T.Komorovskii, I.IU.Korchinskii, S.K.Gordienko. Klin.khir. no.7:31-40 Jl '62.

Noble's operation in adhesive intestinal obstruction. M.B.Belkin, D.G.Satgir'. Klin.khir. no.7:72-73 Jl '62.

Surgical tactics in postoperative adhesive obstruction of the intestines. N.M.Mordichuk. Klin.khir. no.7:15-17 Jl '62.

INTESTINES--SURGERY

Method of enteroptyxis in postoperative adhesive intestinal obstruction. IU.T.Komorovskii, I.IU.Korchinskii, S.K.Gordienko. Klin.khir. no.7:34-40 Jl '62.

Resection of an extensive section of the small intestine in diffuse peritonitis. IU.L.Shul'kov. Kaz.med.zhur. no.1:59-60 My-Je '62.

INTRACRANIAL ANEURYSMS

Posttraumatic vascular formations in the brain. M.B. Kopylov. Vop.neirokhir. no.1:7-12 '62.

INTRATRACHEAL ANESTHESIA

Tracheotomy and anesthesia. A.F.Birzinev Stomatologiia 41 no.1:48-52 Jl-Ag '62.

INTRACOASTAL WATERWAYS see subdivision under White Russia

INTUITION

Intuitionism as a sign of the crisis of bourgeois ethical theory. K.A.Shvartsman Vop.filos. 16 no.8:80-90 '62.

INVENTIONS

Accidental pauser-by. I.Titova. Izobr.i rats. no.8: 25-26 Ag '62.

Big rewards. Izobr.i rats. no.8:28 Ag '62.

"How to learn inventing" by G.Altshuller. Reviewed by R.Evgen'ev. Znan.-sila 37 no.5:51 My '62

"Invention and innovation in the U.S.S.R." Reviewed by I.Gringol'ts. Izobr.i rats. no.8:37 Ag '62.

Invention and state interests. Izobr.i rats. no.8:1-2 Ag '62.

Letters to the editor. Izobr.i rats. no.8:27-28 Ag '62.

Looking through old patents. Izobr.i rats. no.8:40 Ag '62.

Presniakov, A.G. [How an idea was born and carried out; an inventor's notes] Rozhdenie i voploshchenie zamysla; zapiski izobretatelia. Moskva, Gosenergoizdat, 1962. 110 p.

Questions and answers. Izobr.i rats. no.8:27 Ag '62.

Taking it to the court. G.P.Savichev. Izobr.i rats. no.8:23 Ag '62.

INVENTORIES OF ESTATES see subdivision under Lithuania

INVESTMENTS, FOREIGN see subdivision under Liberia

INVESTMENTS, WEST GERMAN see subdivision under Africa

IODINE--ISOTOPES

Treatment of thyrotoxicosis with radioactive iodine in combination with metotirine and merozolil [with summary in English]. V.M.Udod. Klin.med. 40 no.6: 86-90 Je '62.

IODOMETHYLATION

Iodomethylation of 2-substituted 1,3-indendiones. R.F. Valter, G.IA.Vanag. Dokl.AN SSSR 146 no.2,359-361 S '62.

ION BEAMS

Excitation of oscillations in the passage of a beam of slow ions through a plasma [with summary in English]. M.D.Gabovich, G.S.Kirichenko. Zhur.eksp.i teor. fiz. 42 no.6:1478-1480 Je '62.

ION EXCHANGE

Present-day status of ion exchange catalysis. N. G. Polianskii. Usp. khim. 31 no. 9:1046-1075 S '62

ION EXCHANGE RESINS

Alkylation of phenol with isobutyl alcohol in the presence of the cation exchange KU-2. P. S. Belov, Lui Chen-tai [Li Ch'ao-ch'i], V. I. Isaguliants. Khim. prom. no. 7:480-484 Jl '62.

Demineralization of antibiotic solutions of the basic type by means of sulfocationites [with summary in English]. G. P. Shpota, M. A. Bogatskii, V. M. Vishnevskii. Antibiotiki 7 no. 8:711-716 Ag '62.

Effect of various sugars ingested in milk treated with ion-exchange resins on the intestinal microflora of infants [with summary in English]. I. I. Kashkarova, V. T. Borelko. Vop. okh. mat. i det. 7 no. 8:41-45 Ag '62.

Isolation and purification of terramycin using a liquid ion exchanger. S. I. Kaplan, N. L. Isaeva, I. N. Trubnikova. Med. prom. 16 no. 7:25-31 Jl '62.

Substitution of cations in benzylpenicillin on ionites. G. V. Samsonov, L. I. Bosak. Med. prom. 16 no. 7:32-34 Jl '62.

IONIC CRYSTALS

Rudylin, B. V., and A. A. Vorob'ev. [Effect of radiation on ionic structures] Deistvie izlucheniĭ na ionnye struktury. Moskva, Gosatomizdat, 1962. 160 p.

Effect of foreign ions on electron processes in ionic crystals. IA. N. Pershits, V. I. Gutman. Izv. vys. uch. zav., fiz. no. 1:123-129 '62.

Spin diffusion and magnetic relaxation of nuclei [with summary in English]. G. R. Khutsishvili. Zhur. eksp. i teor. fiz. 42 no. 5:1311-1316 My '62.

Theory of nonradiative transitions in luminescent ionic crystals. B. Z. Malkin. Zhur. eksp. i teor. fiz. 42 no. 5:1410-1411 My '62.

IONIZATION

Ionization kinetics behind a straight shock wave in the air. Iu. S. Sigalov. Dokl. AN SSSR 146 no. 2:409-412 S '62.

Ionization loss of ultrarelativistic electrons. G. B. Zhdanov and others. Zhur. eksp. i teor. fiz. 43 no. 1:342-345 Jl '62.

IONIZATION CHAMBERS

Ionization chamber in a match box. A. Shchetilin. Izobr. i rats. no. 10:12 O '62.

Specific activity of a gas in a flow-type ionization chamber. V. A. Buryanov. Atom. energ. 13 no. 3:276-277 S '62.

IONIZATION OF GASES

Recombinations of electrons in a monoatomic gas [with summary in English]. L. P. Pitaevskii. Zhur. eksp. i teor. fiz. 42 no. 5:1326-1329 My '62.

IONONES

Ethynylation of ionone analogs. G. P. Kugatova-Shemiakina and others. Zhur. ob. khim. 32 no. 8:2455-2461 Ag '62.

IONOSPHERE

High-altitude atomic explosions; disturbances in the ionosphere and space surrounding the earth. IA. L. Al'pert. Priroda 51 no. 8:3-13 Ag '62.

IONOSPHERIC RESEARCH

Use of the correlation method. V. D. Gusev, M. P. Klimovskii. Izv. vys. uch. zav.; fiz. no. 4:171-173 '62.

IONS

Approximate wave functions for the gallium ion in a crystal [with summary in English]. L. V. Smirnova. Vest. LGU 17 no. 16:66-71 '62.

Effect of ions on the absorption band of the O-H bond. I. S. Perelygin. Opt. i spektr. 13 no. 3:353-356 S '62.

Electron capture by helium ions in various gases in the 300 - 1500 Kev energy range [with summary in English]. L. I. Pivovar, M. T. Novikov, V. M. Tubaev, Zhur. eksp. i teor. fiz. 42 no. 6:1490-1494 Je '62.

Kinetics of exothermic reactions between molecules and molecular ions [with summary in English]. O. B. Firsov. Zhur. eksp. i teor. fiz. 42 no. 5:1307-1310 My '62.

Scattering of stainless steel and tantalum by the ions of deuterium and krypton with energy level of 5-30 Kev. M. I. Guseva. Radiotekh. i elektron. 7 no. 9:1680-1685 S '62.

IONS—MIGRATION AND VELOCITY

Measurement of the transfer number of cations in a Na_2O-K_2O-$4B_2O_3$ melt. V. I. Malkin, B. M. Mogutnov. Zhur. neorg. khim. 7 no. 9:2277-2278 '62.

IONS—SCATTERING

Scattering cross sections and effective charges of ions in metals. P. P. Kuz'menko. Fiz. tver. tela 4 no. 9:2434-2440 S '62.

IORI VALLEY—GEOLOGY, STRATIGRAPHIC

Stratigraphy of Lower and Middle Sarmatian sediments in the Molladag area (Kura-Iori interfluve) based on data on fauna and spore-pollen analysis. Report 1. A. V. Mamedov, Kh. S. Dzhabarova. Uch. zap. AGU. Geol.-geog. ser. no. 4:47-56 '60.

IORI VALLEY—GEOLOGY, STRUCTURAL

Tectonic pattern of the Kura-Iori interfluve as reflected in modern relief. M. A. Muskibov. Uch. zap. AGU. Geol.-geog. ser. no. 1:39-45 '60.

IRAN—FINANCE

Financial crisis in Iran. V. Khoshtoev. Az. i Aft. seg. no. 5:50 S '62.

IRAN—POLITICAL SCIENCE

Critical evaluation of the reactionary ideology of the present-day Iranian bourgeoisie [with summary in English]. A. M. Agakhi. Uch. zap. Inst. vost. AN Azerb. SSR 3:5-26 '62.

IRD, KAAREL

And how is Kaarel Ird? N. Krymova. Teatr 23 no. 8:108-114 Ag '62.

IRELAND—EMIGRATION AND IMMIGRATION

The Irish emigration of the 1850's. N. A. Erofeev. Vop. ist. no. 9:187-188 S '62.

IRIDIUM SULFIDE

Coprecipitation of thallium with iridium (III) sulfide. N. A. Rudnev, G. I. Malofeeva. Zhur. neorg. khim. 7 no. 9:2262-2266 '62.

IRKUTSK—NEWSPAPER AND PERIODICAL CIRCULATION

"A shock worker of communist labor serves you." E. Korlakin. Raspr. pech. no. 8:4 S '62.

IRKUTSK BASIN—MINERALOGY

Principal terrigenous mineralogical associations of rocks in the coal-bearing strata of Irkutsk Basin. V. I. Korporulin, P. P. Timofeev. Dokl. AN SSSR 146 no. 2:426-429 S '62.

IRKUTSK PROVINCE—COMMUNIST YOUTH LEAGUE

Godlevskii, P. L. [When Communist Youth League hearts beat] Kogda serdtse b'iotsia komsomol'skoe. [Irkutsk] Irkutskoe knizhnoe izd-vo, 1960. 98 p. (MIU)

IRKUTSK PROVINCE—ECONOMIC CONDITIONS

Kiatov, V. A. [Irkutsk Province; a concise survey of its economic geography] Irkutskaia oblast'; kratkii ekonomiko-geograficheskii obzor. Izd. 2., dop. [Irkutsk] Irkutskoe knizhnoe izd-vo, 1960. 44 p. maps. (NNC)

IRKUTSK PROVINCE—ELECTRIFICATION

Godlevskii, P. L. [When Communist Youth League hearts beat] Kogda serdtse b'iotsia komsomol'skoe. [Irkutsk] Irkutskoe knizhnoe izd-vo, 1960. 98 p. (MIU)

IRKUTSK PROVINCE—PLOWING

Early fall plowing as a promising method of tillage in Eastern Siberia. F. P. Krivykh. Zemledelie 24 no. 8:33-35 Ag '62.

IRON

Quantum-mechanical derivation of the equation of state of iron [with summary in English]. G. M. Gandel'man. Zhur. eksp. i teor. fiz. 43 no. 1:130-145 Jl '62.

Vibrational spectra of ferrocenes. Part 1. Calculation of normal vibrations of the cyclopentadiene ring of ferrocene. L. S. Maiants, B. V. Lokshin, G. B. Shaltuper. Opt. i spektr. 13 no. 3:317-323 S '62.

IRON—METALLURGY see subdivision under Sweden

IRON—PHYSIOLOGICAL EFFECT

Effect of iron on the biosynthesis of erythromycin [with summary in English]. S. L. Brinberg, A. P. Skvortsova, S. S. Krivobokova. Antibiotiki 7 no. 8:689-692 Ag '62.

IRON AGE see subdivision under Minusinsk Basin

IRON-ALUMINUM ALLOYS—CORROSION

Scale resistance of iron-aluminum alloys. F. L. Edel'man, L. I. Tushinskii. Izv. vys. ucheb. zav., chern. met. 5 no. 8:110-127 '62.

IRON AND STEEL PLANTS

(see also subdivision under Beloretsk; Dnepropetrovsk; Zaporozh'ye)

For a high degree of automation. Metallurg 7 no. 8:30 Ag '62.

IRON AND STEEL PLANTS—EQUIPMENT AND SUPPLIES

New technical norms for the consumption of raw materials and fuel for the production of cast iron and steel. V. I. Votobuev and others. Met. i gornorud. prom. no. 3:63-69 My-Je '62.

Speed of travel of scale cars. G. E. Bersenev. Izv. vys. ucheb. zav.; chern. met. 5 no. 8:183-188 '62.

IRON AND STEEL PLANTS—QUALITY CONTROL

Letter to the editors. Metallurg 7 no. 8:31 S '62.

IRON AND STEEL PLANTS—STATISTICS see subdivision under Ukraine

IRON AND STEEL WORKERS

Foreman M. Shalimov's brigade. Metallurg 7 no. 10:14 O '62.

Friendship born during work in competition. M. Domennyi, G. Kilmenko. Metallurg 7 no. 10:15-16 O '62.

On progressive practices to our friends abroad. P. Grigor'ev. Metallurg 7 no. 10:17-18 O '62.

Senior rolling mill operator V. Ovechkin's brigade. Metallurg 7 no. 10:14 O '62.

Smelter S. Bezdenezhnyi's brigade composed of Communist Youth League members. I. A. Babanin, IA. E. Kaplanskii. Metallurg 7 no. 10:13 O '62.

IRON CHLORIDE

Interaction in the system $MoCl_5$ - $FeCl_3$ [with summary in English]. I. V. Vasil'kova, A. I. Efimov. Vest. LGU 17 no. 16:98-100 '62.

IRON INDUSTRY

With a firm step. S. M. Filippov. Metallurg 7 no. 9:1-2 S '62.

IRON INDUSTRY—CONGRESSES

All-Union Congress of the Scientific Technological Society for ferrous metallurgy. D. A. Smolianenko. Met. i gornorud. prom. no. 3:86 My-Je '62.

IRON INDUSTRY—FINANCE see subdivision under Aktyubinsk

IRON INDUSTRY—MANAGEMENT

Romanovich, N. D. [Economy and business accounting in ferrous metallurgy] Rezhim ekonomii i khozraschet v chernoi metallurgii. Moskva, Metallurgizdat, 1962. 114.

IRON MINES AND MINING

(see also subdivision under Gornaya Shoriya; Krivoy Rog Basin; Kursk Magnetic Anomaly; Kustanay Province)

"Improving the technical methods and equipment in open-pit mining of iron-ore deposits" by M. G. Novozhilov, V. G. Sellanin. Reviewed by F. K. Alekseev, D. I. Malinta. Izv. vys. uch. zav., gor. zhur. 5 no. 8:194-196 '62.

Increase the economic efficiency of crushing iron ores underground. L. V. Kryzhov and others. Gor. zhur. no. 9:17-19 S '62.

Results of using new methods of short delay blasting in underground mining operations. G. M. Malakhov and others. Met. i gornorud. prom. no. 4:45-51 Jl-Ag '62.

IRON MINES AND MINING—LABOR PRODUCTIVITY see subdivision under Krivoy Rog Basin

IRON MINES AND MINING—STATISTICS

Iron ore mining in the principal countries of the world in millions of tons (by years) (from foreign journals). I. S. Maiboroda. Met. i gornorud. prom. no. 4:94 Jl-Ag '62.

IRON MINES AND MINING—TECHNOLOGICAL INNOVATIONS see subdivision under Krivoy Rog

IRON-MOLYBDENUM-TITANIUM ALLOYS

Effect of aluminum on the stability of the beta-phase in titanium-molybdenum-iron alloys. N. V. Ageev, L. P. Grankova, P. K. Novik. Dokl. AN SSSR 146 no. 2:351-354 S '62.

IRON-NICKEL-MOLYBDENUM ALLOYS—MAGNETIC PROPERTIES

New field of high permittivity alloy compositions in the system Fe - Ni - Mo. I. M. Puzei. Fiz. met. i metalloved. 14 no. 3:374-377 S '62.

IRON ORES

(see also subdivision under Bakal region, Belozerka region, Zaporozh'ye Province; Kursk Magnetic Anomaly; Nikopol' region; Ural Mountains)

Application of varying statistics to technological sampling of iron quartzites. V. S. Kharlamov. Izv. vys. uch. zav.; gor. zhur. 5 no. 6:188-193 '62.

Outlook for introducing the flotation of ferrous metal ores. N. P. Titov and others. Gor. zhur. no. 9:57-62 S '62.

IRON ORES—THERMAL PROPERTIES

Heat conductivity of iron ores and sinters. C. G. Bratchikov, G. A. Toporishchev. Izv. vys. ucheb. zav., chern. met. 5 no. 8:12-17 '62.

IRONWORKS see Iron and steel plants

IRRIGATION

(see also subdivision under Armenia; Golodnaya Steppe, India; Kirghizistan, Kulunda Steppe; Soviet Central Asia)

Hydrogeological properties of loess and methods for its improvement when bringing under cultivation irrigated lands [with summary in English]. I. I. Trofimov. Izv. TSKHA no. 2:145-154 '62.

Improve the utilization of irrigated lands in the R.S.F.S.R. Gidr. i mel. 14 no. 8:3-7 Ag '62.

Levelling work is the basis for improving the quality of surface methods of watering. V. M. Smirnov. Gidr. i mel. 14 no. 8:21-24 Ag '62.

Offengenden, S. R., A. D. Panadiadi, and M. I. Marushin. [Operation of irrigation and drainage systems] Ekspluatatsiia gidromeliorativnykh sistem. 2, izd. Moskva, Sel'khozizdat, 1962. 404 p. (DNAL)

"Selected works" by A. N. Kostiakov. Reviewed by L. B. Levanovskii. Priroda 51 no. 7:87 Jl '62.

The soil is drinking. B. Zubkov. Znan.-sila 37 no. 8:37-40 Je '62.

IRRIGATION CANALS AND FLUMES
(see also subdivision under Golodnaya Steppe; Tajikistan)
Watering cotton using an irrigation network of flume canals. A.P.Kosov. Gidr.i mel. 14 no.8:8-13 Ag '62.

IRRIGATION FARMING
(see also subdivision under Volga Valley)
Make better use of water resources for irrigation. Gidr. i mel. 14 no.6:3-8 Je '62.

IRTYSH-KARAGANDA CANAL
Semenov, I.S. [The Irtysh waters will flow to Karaganda] Vody Irtysha pridut v Karagandu. Moskva, Izd-vo "Znanie," 1962. 28 p. (Novoe v zhizni, nauke, tekhnike. XII Seriia: Geologiia i geografiia, no. 11)

IRTYSH VALLEY—ANTIQUITIES
Burial ground of early nomads on the right bank of the Irtysh River. F.Kh.Arslanova. Izv.AN Kazakh.SSR. Ser.ist., arkheol.i etn. no.2:77-93 '62.

ISOBUTYL ALCOHOL
Alkylation of phenol with isobutyl alcohol in the presence of the cation exchange KU-2. P.S.Belov, Liut Chao-tsai [Li Ch'ao-ch'i], V.I.Ianguliants. Khim.prom. no.7:480-483 Jl '62
Effect of the promoting potassium salt added to a zinc-chromium catalyst of isobutyl alcohol synthesis. V.M. Vlasenko and others. Khim.prom. no.8 555-558 Ag '62

ISOMERISM
Structural isomerism of cycloheptatriene under conditions of the Diels-Alder reaction. E.M.Milivitskaia, A.F. Plate. Zhur.ob.khim. 32 no.8:2586-2576 Ag '62.

ISOMERIZATION
Investigation of gumbrin and askanite as dehydrating, isomerizing, and alkylating catalysts. Part 10: Isomerization of isopropylcyclopentane in the liquid phase in the presence of gumbrin. Kh.I.Areshidze, Z.M. Eliashvili. Zhur.ob.khim. 32 no.8:2657-2659 Ag '62.
Isomerization of ethyldichlorothionophosphate. E.M. Popov, N.E.Medenikova. Zhur.ob.khim. 32 no.9: 3080-3083 S '62

ISOPERIMETRICAL PROBLEMS see Calculus of variations

ISOPODA see subdivision under Arkhangel Province

ISOTOPE SEPARATION
Determining the isotopic composition of a mixture of beta-active gases by means of two communicating ionization chambers. A.D.Tuzkin, Iu.V.Sobakin. Atom.energ. 13 no.3:274-276 S '62.
Dual-temperature exchange process for the separation of binary mixtures. B.M.Andreev. Khim.prom. no.8:581-592 Ag '62.

ISOTOPES
Masses of lutecium, ytterbium, and thulium isotopes. R.A.Demirkhanov, V.V.Dorokhov, M.I.Dzkuia. Dokl. AN SSSR 146 no.1:72-74 S '62.

ISOTOPES—TABLES, ETC.
Selinov, I.P. [Periodic system of isotopes] Periodicheskaia sistema izotopov. Moskva, Izd-vo Akad. nauk SSSR. 1961. 4 tables
_____ Text. 1962. 34 p.

ISSYK-ATA VALLEY—CLIMATE
Climate of the northern slope of the Kirghiz Range, based on the Issyk-Ata Valley. Z.A.Riazantseva. Izv. AN Kir.SSR. Ser.est.i tekh.nauk 3 no.5 80-98 '61.

ISSYK-KUL' REGION—PASTURES AND MEADOWS
Influence of grazing on the aerial and underground parts of vegetation in the arid African millet-grass-Artemisia type steppe in the Issyk-Kul' Depression. N.D Kozhevnikova. Izv. AN Kir. SSR. Ser. est. i tekh. nauk 3 no. 5-90-114 '61.

ISTISU (AZERBAIJAN)—HEALTH RESORTS, WATERING PLACES, ETC.
Effect of the mineral water and climate of the high-mountain health resort of Istisu on cholesterol metabolism. G.I.Kasimov. Vop.kur., fizioter.i lech.fiz.kul't. 27 no.3:215-217 My-Je '62.

ITALIAN NEWSPAPERS
Not looking into the Bible. V.Sergeev. Mir.ekon.i mezhdunar.otn. no.10:104-105 O '62.

ITALY—COMMERCE—PERIODICALS
Italian periodical "Il mercato internazionale." A. Pokrovskii. Vnesh.torg. 42 no.9:50-51 '62

ITALY—COMMERCE—RUSSIA
Our interviews. Vnesh.torg. 42 no.9:33-35 '62.

ITALY—FOOD ADULTERATION AND INSPECTION
Food poisoners. Nov.vrem 20 no.42:19 O '62.

ITALY—MURAL PAINTING AND DECORATION—CONSERVATION AND RESTORATION
Restoration of frescoes in Italy. A. Guber. Iskusstvo 25 no.7:58-65 '62.

ITALY—MOTION-PICTURE PLAYS
Not only roses... Ennio de Concini. Isk.kino no 9:107-112 S '62.
Unfinished trilogy by Luchino Visconti. A. Aleksandrov Isk.kino no.9:118-121 S '62.

ITALY—PEASANT UPRISINGS
The peasant movement in southern Italy after the unification of this country. V.S Bondarchuk Vop Ist no 9 185-186 S '62.

ITALY—RENAISSANCE
Some trends in the present-day studies in the field of the Italian Renaissance published outside the U.S.S.R. I.M Bragina. Sred.veka no 22:234-245 '62.

ITALY—ROLLING MILLS
Planetary rolling mill for hot strip rolling (from "La metallurgia italiana," no 4, 1961). Z.A Iakhchenko. Met.i gornorud.prom. no. 4 95 Jl-Ag '62

ITALY—STRIKES AND LOCKOUTS—METALWORKERS
The employers' front is broken. B.Raiskii. Nov.vrem. 20 no.44:21 O '62.

ITALY—THEATER
Dzhivelegov, A.K. [The Italian national comedy. Commedia dell'arte] Ital'ianskaia narodnaia komedilia. Commedia dell'arte. 2. Izd. Moskva, Izd-vo Akad. nauk SSSR, 1962. 287 p.

IVAN IV, THE TERRIBLE, 1530-1584
"Reforms of Ivan the Terrible; studies on Russian social, economic, and political history in the middle of the 16th century" by A.A. Zimin. Reviewed by V.B.Kobrin. Ist.SSSR 6 no.5:184-189 S-O '62.

IVANOV, ALEKSEI IVANOVICH, 1908-1962
Alekaei Ivanovich Ivanov; obituary. Geol.nefti i gaza 6 no.8:64 Ag '62.

IVANOV, GEORGII IAKOVLEVICH, 1897-1962
G.IA.Ivanov, obituary. V.P.Zotov and others. NTO 4 no.10:30 O '62.

IVANOV, LEONID ALEKSANDROVICH, 1871-1962
Leonid Aleksandrovich Ivanov; obituary. IU.L.TSel'niker. Fiziol.rast. 9 no.4:518-519 '62.
Leonid Aleksandrovich Ivanov, obituary. IU.L.TSel'niker, N.P.Voskresenskaia, O.P.Osipova. Izv.AN SSSR,Ser.biol. 27 no.1 851-852 Jl-Ag '62.

IVANOVO (IVANOVO PROVINCE)—SAFETY EDUCATION, INDUSTRIAL
Standard study room for teaching industrial safety. A.F. Pervov. Tekst.prom. 22 no.6:85 S '62.

IVANOVO PROVINCE—AGRICULTURAL WORKERS
Bubnov, L.I. [Rural policy of the party; work of the Ivanovo Party organization, 1917-1934] Politika partii v derevne; iz opyta raboty Ivanovskoi partiinoi organizatsii, 1917-1934 gg. [Ivanovo] Ivanovskoe knizhnoe izd-vo, 1961. 63 p.
(CSt-H)

IVANOVO PROVINCE—COMMUNIST PARTY OF THE SOVIET UNION
Bubnov, L.I. [Rural policy of the party; work of the Ivanovo Party organization, 1917-1934] Politika partii v derevne; iz opyta raboty Ivanovskoi partiinoi organizatsii, 1917-1934 gg. [Ivanovo] Ivanovskoe knizhnoe izd-vo, 1961. 63 p.
(CSt-H)

IVANOVO PROVINCE—EVENING AND CONTINUATION SCHOOLS
Party organizations of Ivanovo Province and the education of youth. K.P.Bukina. Vech.sred.shkola 5 no.3:60-62 My-Je '62.

IVANOVO PROVINCE—TEXTILE INDUSTRY
Millions are gained by speed. B.Alekseev, N.Bobrova. Komsom.zhizn' no.15:4-6 Ag '62.

IVATSEVICHI—KINDERGARTEN
More about the work of our institutions of preschool education. Rab.i sial. 38 no.9.19 S '62.

IZENBEK, SERGEI ARTUROVICH, 1883-1962
Professor S.A.Izenbek; obituary. S.I.Zilitinkevich. Izv. vys.ucheb.zav.; prib. 5 no.5:148-149 '62.

IZHEVSK—WATER—PURIFICATION
Study and adjustment of the operation of sedimentation clarifiers. G.I.Nikoladze. Vod.i san.tekh. no.7:16-19 Jl '62.

JACHYMOV, CZECHOSLOVAKIA—URANIUM ORES
Beginning of the road is in Jachymov. Dusan Hamsik. Znan.-sila 37 no.7:8-9 Jl '62.

JAMAICA—POLITICS AND GOVERNMENT
Brief news on new states: Jamaica. Mezhdunar.zhizn' 9 no.10:145-146 O '62.

JAPAN—BLAST FURNACES
Blast furnace smelting with use of a self-fluxing sinter (from "Blast Furnace and Steel Plant," no. 2, 1962). G.D. Mugueva. Met.i gornorud.prom. no.4:92-93 Jl-Ag '62.

JAPAN—COMMERCE—RUSSIA
Biggest order ever for Japanese shipyards; interview with M.A.Mikulin. Nov.vrem. 20 no.40:22 O '62.

JAPAN—FISHERY PRODUCTS
Factory of fish sausages [translated from the English]. Ryb.khoz. 38 no.8:92-93 '62.

JAPAN—FOREIGN RELATIONS—UNITED STATES
Japanese relations with the U.S.A. from 1921 to 1931. R.E.Kantor. Vop.ist. no 9:190-191 S '62.

JAPAN—LABOR AND LABORING CLASSES
Kozorovitskaia, A.B. [Struggle for the unity of the working class in Japan, 1921-1928] Bor'ba za edinstvo rabochego klassa IAponii, 1921-1928 gg. Moskva, Izd-vo vostochnoi lit-ry, 1962. 162 p.

JAPAN—PALEONTOLOGY
"Japan at the dawn of ages" [in Japanese] by M. Minato, S. Ijiri, and S. Kaneko. Reviewed by A.G. Vologdin. Priroda 51 no.8:123-124 Ag '62.

JAPAN—POLITICS AND GOVERNMENT
Kozorovitskaia, A.B. [Struggle for the unity of the working class in Japan, 1921-1928] Bor'ba za edinstvo rabochego klassa IAponii, 1921-1928 gg. Moskva, Izd-vo vostochnoi lit-ry, 1962. 162 p.

JAPAN—PRINTING—HISTORY
Influence of Chinese books on the development of printing in Japan from the 7th to the 14th century. V.S.Grivnin. Kniga, issl.i mat. 6:215-230 '62.

JAPAN—RELATIONS (GENERAL) WITH RUSSIA
Brotherly greetings from highway-transport workers of Japan. Seiji Kaneda and others. Avt.transp. 40 no.9 14 S '62.

JAPAN—SHIPYARDS
Biggest order ever for Japanese shipyards, interview with M.A.,Ikulin. Nov.vrem. 20 no.40:22 O '62

JAPAN—WORLD WAR, 1939-1945—DIPLOMATIC HISTORY
"Diplomatic history of the Second World War" [in Japanese] by Hitoshi Ashida. Reviewed by S.I. Budkevich. Vop.ist. no 9.168-172 S '62

JAUNDICE
Blood coagulation in retention jaundice. P.A.Tepper, L.N.Chernyshova. Terap.arkh. no.6:31-29 '62
Glucose composition of the blood in the differential diagnosis of infectious and mechanical jaundice [with summary in English]. V.P.Bezuglyi. Terap.arkh. no 6: 30-34 '62.

JAVA TEA see subdivision under Sukhumi region

JAWS—CANCER
Transplantation of an experimental osteogenic sarcoma into the maxilla of the rabbit [with summary in English]. R.A.Mel'nikov, A.F.Kondrat'eva. Trudy Inst onk.AMN SSSR no.4:129-130 '62.

JAWS—DISEASES
Case history of osteomyelitis of the jaws in children. V.G.Solodova. Stomatologiia 41 no.4:62-64 Jl-Ag '62
Case of fibrous dysplasia of the jaws. N.P.Belyi. Stomatologiia 41 no.4:55-57 Jl-Ag '62.
Osteomyelitis of the maxilla in the newborn and nursing children. M.M.Solov'ev. Stomatologiia 41 no.4.64-67 Jl-Ag '62.

JAWS—FRACTURE
Chemical osteosynthesis in fractures of the lower jaw. M.A.TSitsenovetskii. Stomatologiia 41 no 4:45-48 Jl-Ag '62.
Osteosynthesis of fractures of the lower jaw using metallic pins without incision of the soft tissues. O.A. Rozhdestvenskii, M.K.Urmanova. Stomatologiia 41 no.4:43-44 Jl-Ag '62.
Surgical treatment of jaw fractures. V.S.Iovchev. Trudy Len.gos.nauch-issl.inst.travm.i ortop. no.6 42-55 '61.
Very simple splint for the fixation of jaw chips. K.I. Kikalishvili. Stomatologiia 41 no.4:88-90 Jl-Ag '62.

JAWS—RADIOGRAPHY
Zedgenidze, G.A., and R.S.Shilova-Mokhanik. [X-ray diagnosis of diseases of the teeth and jaws, a textbook for doctors and students] Rentgenodiagnostika zabolevanii zubov i cheliustei; posobie dlia vrachei i studentov. Moskva, Medgiz, 1962. 283 p.
(DNLM)

JAWS—TUMOR
Clinical aspects of osteoblastoclastomas of the jaws. G.V.Staren'kova. Stomatologiia 41 no.4:52-51 Jl-Ag '62.
Fibrous osteodystrophy (osteoblastoclastoma) of the jaws and its treatment. A.F.Mattukhina. Stomatologiia 41 no.4:68-71 Jl-Ag '62.
Osteochondroma of the mandible. F.M.Khitrov, I.A. Shul'man. Stomatologiia 41 no.4:87-88 Jl-Ag '62.

JAWS—WOUNDS AND INJURIES
Circumscribed mobility of the mandible caused by a knife blade located in the pterygognathic space. A. T. Tilova. Trudy Len. gos. nauch.-issl. inst. travm. i ortop. no. 8:56-58 '61.

JEANNE D'ARC, SAINT, 1412-1431
Jeanne d'Arc. A. D. Lublinskaia. Sred. veka no. 22:186-192 '62.

JEHOVAH'S WITNESSES
Reactionary nature of present-day Jehovism. V. P. Aznaurov. Nauch. dokl. vys. shkoly, filos. nauki 5 no. 3: 83-88 '62.

The spy of God Jehovah. S. Boiko. Nauka i zhizn' no. 6: 33-34 Je '62.

JENGHIS KHAN, 1162-1227
Jenghis Khan and his heritage. N. IA. Merpert, V. T. Pashuto, L. V. Cherepnin. Ist. SSSR 6 no. 6:99-110 N-D '62.

JEWBOAS see subdivision under Turkmenistan

JERUSALEM ARTICHOKE
(see also subdivision under Azerbaijan)
All-Union Conference on Jerusalem artichoke. I. I. Marchenko, I. M. Micheva, M. IA. Shmarenko. Visnyk sil'skogosp. nauky 5 no. 8 124 Ag '62.

JET STREAM see subdivision under Far East, Pacific Ocean

JETS—FLUID DYNAMICS
Electric conductivity measurements in gas jets. E. V. Donskoi, Iu. A. Dunaev, A. I. Prokof'ev. Zhur. tekh. fiz. 32 no. 9:1095-1098 S '62.

JEWELRY see subdivision under Dnieper Valley

JEWELRY, ANCIENT
An early Russian founding method "navypleski." N. V. Ryndina. Sov. arkheol. 6 no. 3 90-96 '62

JOINTS—DISEASES
Arthropathies caused by X-ray therapy and radiotherapy. J. Kolář, R. Vrabec. Orthop., travm. i protez. 23 no. 6:33-36 Je '62.

Hypertrophic osteoarthropathy in pulmonary neoplasms (Marie-Bamberger syndrome) [with summary in English]. V. I. Astaf'ev, E. F. Eliseev, S. Z. Shkliarov. Klin. med. 40 no. 6:90-95 Je '62

JOLIOT-CURIE, IRENE, 1897-1956
Irène Joliot-Curie. Zh. Laberig-Frolova. Atom. energ. 13 no. 3:265 S '62.

JOURNALISM
(see also subdivision under Kiev Province)
Increase the effectiveness of the Soviet press. Part. zhizn' no. 19:33-35 O '62

Letters to the editor. Sov. pech. no. 9:48-49 S '62.

Poetry in party work. N. Gladyshev. Sov. pech. no. 9: 25-26 S '62.

JOURNALISM—CONGRESSES
Journalists' high calling. Boris Burkov. Sov. pech. no. 9:50-55 S '62.

JOURNALISM, AGRICULTURAL
(see also subdivision under Kemerovo Province)
According to the great plan. E. Kamenetskii. Sov. pech. no. 9:4-7 S '62.

JOURNALISTS
(see also subdivision under Mali)
My good fortune. Aleksandr Komarovskii. Sov. pech. no. 9:19-23 S '62.

Not on the staff but working with the staff. L. Krasnyi. Sov. pech. no. 9:28-29 S '62.

JUDICIAL ASSISTANCE
Akademiia nauk SSSR. Institut gosudarstva i prava. [Legal cooperation among socialist states] Pravovoe sotrudnichestvo mezhdu sotsialisticheskimi gosudarstvami. Moskva, Izd-vo In-ta mezhdunarodnykh otnoshenii, 1962. 270 p.

JUNCTION TRANSISTORS
Calculating the volt-ampere characteristics of asymmetrical p-i-n diode in the direction of transmission. R. Mamatkulov. Izv. AN Uz. SSR, Ser. fiz.-mat. nauk 6 no. 4:92-99 '62.

Capacity and differential resistance of diffused p-n junctions. D. A. Aronov. Izv. An Uz. SSR, Ser. fiz.-mat. nauk 6 no. 4:83-91 '62.

Diffusion capacitance of the p-n junction of junction transistor diodes. V. N. Briunin. Radiotekhnika 17 no. 10:45-51 O '62.

Effect of a high recombination layer on the light and dark characteristics of p-n junctions. V. K. Subashiev. Fiz. tver. tela 4 no. 9:2350-2364 S '62.

Photoelectric properties of GaAs p-n junctions. A. A. Gutkin and others. Fiz. tver. tela 4 no. 9:2338-2349 S '62.

Possibility for the generation of negative input resistance in junction transistors. L. N. Kiselev. Trudy

Theory of the photomagnetic effect in p-n junctions. IU. I. Ravich. Fiz. tver. tela 4 no. 9:2411-2415 S '62.

Theory of volt-ampere characteristics of diffused p-n junctions. D. A. Aronov. Izv. An Uz. SSR. Ser. fiz.-mat. nauk 6 no. 4:72-81 '62.

JUSTICE, ADMINISTRATION OF
(see also subdivision under Novgorod; Tula Province)
The building of communism and the problem of ensuring a strict observance of laws [with summary in English, pp 185-186]. A. B. Sakharov. Vop. filos. 16 no. 9:38-50 '62.

Some problems in the history of the Soviet state and law. Sov. gos. i pravo 32 no. 10 25-36 O '62

JUTE see subdivision under Yangi-Yul' region

KABARDINO-BALKAR A. S. S. R.—COMMUNIST YOUTH LEAGUE
Initiative of the Communist Youth League. A. Belousov. Vech. sred. shkola 5 no. 3 18-20 My-Je '62.

KABARDINO-BALKAR A. S. S. R.—ECONOMIC CONDITIONS
Gugov, R. Kh. [The Kabardino-Balkar A. S. S. R. in the early phase of the socialist reconstruction of the Soviet national economy, 1926-1929] Kabardino-Balkariia v pervye gody sotsialisticheskoi rekonstruktsii narodnogo khoziaistva SSSR, 1926-1929 gg. Pod red. Kh. G. Berbekova. Nal'chik, Kabardino-Balkarskoe knizhnoe izd-vo, 1961. 165 p.

KADAN, CZECHOSLOVAKIA—WATER PIPES
Laying a water conduit made of asbestos-cement pipes. Bohuslav Blouhy. Vod. i san. tekh. no. 8 35-36 Ag '62

KADNIKOV REGION—FOREST SOILS
Composition and mobility of organic matter in spruce and birch forest soils of the Kadnikov Tract in Vologda Province. D. F. Sokolov. Trudy Inst. lesa i drev. 52 263-282 '62.

Soil fauna and its seasonal dynamics in swampy forest types of the Kadnikov Tract in Vologda Province. L. S. Kozlovskaia. Trudy Inst. lesa i drev. 52,210-229 '62.

KADNIKOV REGION—HUMUS
Composition and mobility of organic matter in spruce and birch forest soils of the Kadnikov Tract in Vologda Province. D. F. Sokolov. Trudy Inst. lesa i drev. 52 263-282 '62.

KADNIKOV REGION—SOIL FAUNA
Soil fauna and its seasonal dynamics in swampy forest types of the Kadnikov Tract in Vologda Province. L. S. Kozlovskaia. Trudy Inst. lesa i drev. 52:210-229 '62.

KADZHARAN—ORE DRESSING—EQUIPMENT AND SUPPLIES
Results of the industrial tests of the OPSh-1 rother at the Kadzharan ore-dressing plant. S. Dudenkov and others. Prom. Arm. 5 no. 9:41-45 S '62.

KAFAN REGION—COPPER MINES AND MINING
Make corrections in the project for the expansion of the Kafan Copper Ore Combine. V. Oganesian. Prom. Arm. 5 no. 9:14-15 S '62.

Ways of reducing ore production costs in the Kafan Copper Ore Combine. G. Lusinian, E. Pogosian. Prom. Arm. 5 no. 9:16-18 S '62.

KAKHOVKA RESERVOIR—WATER—COMPOSITION
Denysova, O. I., and IU. N. Maistrenko. [Hydrochemistry of Kakhovka Reservoir] Gidrokhimiia Kakhovs'koho vodoimyshcha. Kyiv, Vyd-vo Akad. nauk URSR, 1962. 198 p.

KAKHOVKA RESERVOIR REGION—GEOMORPHOLOGY
Geomorphology of the Dnieper Valley in the region of the Kakhovka Reservoir. N. V. Izmailova. Geog. zbir. no. 6:66-75 '62

KALIN, ANDREI STEPANOVYCH, 1900-
Anticlerical and anticlerical motives in Andrei Kalin's stories. P. V. Lintur. Nau. tvor., ta etn. 6 no. 1:94-97 Ja-Mr '62.

KALININ—FLUORINE—TOXICOLOGY
Fluorosis and caries lesions of the teeth in Kalinin schoolchildren. I. A. Abakumova, V. B. Dranitsyna. Stomatologiia 41 no. 4:7-10 Jl-Ag '62

KALININ—MANUSCRIPTS
Golubev, I. F. [Collection of manuscripts in the State Archives of Kalinin Province; a concise review] Kollektsiia rukopisei Gosudarstvennogo arkhiva Kalininskoi oblasti; kratkii obzor. Kalinin, Arkhivnyi otdel UVD Kalininskogo Oblispolkoma, 1960. 62 p. (MIH)

KALININ—RUSSIAN NEWSPAPERS
Lenin's newspaper "Pravda" in the city of Tver, 1912-1914. S. P. Veselov. Vop. ist. KPSS 6 no. 5,145-146 '62.

KALININ—TEETH—DISEASES
Fluorosis and caries lesions of the teeth in Kalinin schoolchildren. I. A. Abakumova, V. B. Dranitsyna. Stomatologiia 41 no. 4,7-10 Jl-Ag '62.

KALININ PROVINCE—ENCEPHALITIS
Data for the study of a focus of tick-borne encephalitis in Kalinin Province. A. A. Pchelkina. Med. paraz. i parazit. bol. no. 3,341-342 '62.

KALININ PROVINCE—FEEDING
They are showing an example. A. Isakov, A. Berezin. Obshchestv. pit. no. 6,42 Je '62.

KALININ PROVINCE—LIBRARIES AND READERS
Let us carry out the decisions of the Central Committee of the CPSU. V. Belikov. Bibliotekar' no 10 23-26 O '62

KALININ PROVINCE—SOCIOLOGY, RURAL
Some features of the new mentality of the contemporary collective farmers, based on materials from Kalinin Province [with summary in English]. L. A. Anokhina, M. N. Shmeleva. Sov. etn. no. 4 23-33 Jl-Ag '62

KALININGRAD PROVINCE—AGRICULTURAL ADMINISTRATION
A sharp turn. I. Isaenok. Sov. profsoiuzy 18 no. 19: 11-12 O '62.

KALININGRAD PROVINCE—TRADE UNIONS—OFFICERS
A sharp turn. I. Isaenok. Sov. profsoiuzy 18 no. 19 11-12 O '62

KALININO DISTRICT—MANAGEMENT
Improving the organizational forms of mixed brigades in connection with specialization within the sections of collective farms [in Armenian with summary in Russian]. A. B. Manucharov, G. V. Mkrtchian. Izv. Upr. sel'khoz. nauki Arm. SSR 5 no. 6:3-10 '62

KALISH—SOILS—ELECTRIC PROPERTIES
Studying archaeological monuments by the method of determining the degree of electric resistivity of soils. K. Dombrovskii, V. Stopin'skii, E. Stupnitskaia. Sov. arkheol. 6 no. 3,105-115 '62.

KALUGA—AIR—POLLUTION
Dustiness and bacterial pollution of the atmospheric air of Kaluga. V. A. IAvrumov, M. P. Teuterev, M. M. Lemtiuzhnikova. Gig. i san. 26 no. 12,86 D '61.

KALUGA—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK
Temporary instructors are the mainstay of our city party committee. N. Dmitriev. Part. zhizn' no. 20:23-29 O '62.

KALUGA—HISTORY
The toponymy of Kaluga is the mirror of its history. N. M. Maslov. Vop. geog. no. 58,158-164 '62.

KALUGA—NAMES, GEOGRAPHICAL
The toponymy of Kaluga is the mirror of its history. N. M. Maslov. Vop. geog. no. 58 158-164 '62.

KALUGA PROVINCE—ELECTRIC WELDING—TECHNOLOGICAL INNOVATIONS
Introduction of welding equipment in enterprises of the Kaluga Economic Council. V. P. Kozlikov. Biul. tekh.-ekon. inform. Gos. nauch.-issl. inst. nauch. i tekh. inform. no. 9 82-83 '62.

KAMCHATKA—VOLCANOES
Late Cenozoic volcanism in Kamchatka. V. K. Rotman. Trudy VSEGEI 73:57-66 '62.

KAMENETS-PODOL'SK—CORRESPONDENCE SCHOOLS AND COURSES
Faculty deans relate. V. M. Dziachenko, I. E. Gnatenko. Vest. vys. shkoly 20 no. 8,26-28 Ag '62

KAMENKA VALLEY (KRASNOYARSK TERRITORY)—SYENITE
Genesis of alkali garnet pyroxene-syenites (aviatonosites). O. A. Bogatikov. Trudy IGEM no. 76:71-79 '62.

KAMENSK-URALSK—COMMUNIST YOUTH LEAGUE
They are working for a good cause. IU. Dzindinchin. Vech. sred. shkola 5 no. 3:14-16 My-Je '62.

KAMINSKII, LEV SEMENOVICH, 1880-1962
Lev Semenovich Kaminskii, obituary. Vest. stat. no. 8 90 '62.

KAMYSHEVATKA—AGRICULTURE—STUDY AND TEACHING
Gitalovites. V. Bakhrevskii, IUn. nat. no. 8,13-15 Ag '62.

KAMYZYAK DISTRICT—CORN (MAIZE)—IRRIGATION
Development of corn in excessively wet soil. V. I. Svinarev. Vest. sel'khoz. nauki 7 no. 8:92-93 Je '62.

KAN RIVER—FLOODS
Flood in the Kan, Agul, and Birynsa Rivers in August 1960 and methodology of calculating the runoff of rain. S. I. Kharchenko, R. V. Gramova, M. V. Tepteev. Trudy GGI no. 90:177-194 '62.

KANDAHAR PROVINCE (AFGHANISTAN)—CAVES
"Shamshir Ghar: Historic cave site in Kandahar Province, Afghanistan" [in English] by L. Dupree. Reviewed by V. M. Masson. Sov. arkheol. 6 no. 3:320 '62.

KANDALAKSHA BAY—PARASITES—DUCKS
Biology of the larval stages of Paramonostomum alveatum (Mehlis, 1846) Lühe, 1909 (Trematoda), a dangerous parasite of eiders. V. G. Kulachkova. Trudy Kar. fil. AN SSSR no. 30:90-91 '61.

KANDALAKSHA BAY—PARASITES—MOLLUSKS
Annual and seasonal fluctuations in the infection rate of Hydrobia ulvae (Pennant, 1777) by the larvae of Paramonostomum alveatum (Mehlis, 1846) Lühe, 1909 (Trematoda). V. G. Kulachkova. Trudy Kar. fil. AN SSSR no. 30:79-89 '61.

KANDALAKSHA BAY—TREMATODA

Annual and seasonal fluctuations in the infection rate of Hydrobia ulvae (Pennant, 1777) by the larvae of Paramonostomum alveatum (Mehlis, 1846) Luhe, 1909 (Trematoda). V. G. Kulachkova. Trudy Kar. fil. AN SSSR no. 30:79-89 '61.

Biology of the larval stages of Paramonostomum alveatum (Mehlis, 1846) Lühe, 1909 (Trematoda), a dangerous parasite of elders. V. G. Kulachkova. Trudy Kar. fil. AN SSSR no. 30:90-91 '61.

KANSK DISTRICT—STATUETTES

Statuette of a reindeer from Kansk. L. P. Kyzlasov. Sov. arkheol. 6 no. 3 299-302 '62.

KAOLIN

Units for burning kaolin. A. E. Rabinovich. Stek i ker. 19 no. 8 33-34 Ag '62.

KARA-KALPAK A. S. S. R.—WOMEN IN AGRICULTURE

Important role of women. U. Ernfiazova. Part. zhizn' [Uzb.] 5 no. 9:79-82 S '62.

KARA KUM CANAL REGION—PARASITES—BIRDS

Studying the parasites of limnophilous birds from the Kara Kum Canal region. V. V. Kibakin, O. Kh. Shcherbinina. Izv. AN Turk. SSR, Ser. biol. nauk no. 3:44-51 '62.

KARA-TAU—BRECCIA

Factors in the formation and characteristic features of dislocation breccia in the Middle Paleozoic carbonate layer of the Kara-Tau (southern Kazakhstan). V. V. Ivanov, D. E. Gaft. Izv. AN SSSR, Ser. geol. 27 no. 8 76-89 S '62.

KARA-TAU—FAULTS (GEOLOGY)

Kara-Tau - Panfi deep fault. D. Kh. Iakubov, O. M. Borisov. Uzb. geol. zhur. 6 no. 4 10-21 '62.

KARA-TAU—FISHES, FOSSIL

Jurassic fishes of the order Pholidophoriformes of the Kara-Tau. V. N. Iakovlev. Paleont. zhur. no. 3 90-101 '62.

KARA-TAU—FORAMINIFERA, FOSSIL

Bogush, O. I., and O. V. Iuferev. [Foraminifers and stratigraphy of Carboniferous sediments in the Kara-Tau and Talas Ala-Tau] Foraminifery i stratigrafiia kamennougol'nykh otlozhenii Karatau i Talasskogo Alatau. Moskva, Izd-vo Akad. nauk SSSR, 1962. 234 p.

KARA-TAU—PHOSPHORITE

Cyclicity in geosynclinal phosphorite bearing formations as revealed by the studies of sediments in the Kara-Tau. V. L. Librovich. Trudy VSEGEI 77:154-169 '62.

KARABAKH UPLAND—ICELAND SPAR

Petrography of Santonian volcanic rocks enclosing Iceland spar in the Martuni synclinorium. F. A. Akhundov, T. M. Mamedov. Uch. zap. AGU. Geol.-geog. ser. no. 6 119-128 '59.

KARABAKH UPLAND—PETROLOGY

Petrography of Santonian volcanic rocks enclosing Iceland spar in the Martuni synclinorium. F. A. Akhundov, T. M. Mamedov. Uch. zap. AGU. Geol.-geog. ser. no. 6. 119-128 '59.

KARABALYKSKIY DISTRICT—CUTWORMS

Instars in the cutworm Hadena sordida Bkh. [with summary in English] S. G. Bobinskaia. Zool. zhur. 41 no. 8 1198-1202 Ag '62.

KARABIKHA (YAROSLAVL PROVINCE)—MUSEUMS

Tarasov, A. F. [N. A. Nekrasov's Estate-Museum in Karabikha; guidebook] Karabikha; muzei-usad'ba N. A. Nekrasova. Putevoditel'. 2., dop. izd. Iaroslavl', 1961. 120 p.

KARAGANDA—CITY PLANNING

House in which we live. M. Shuruby. Sov. shakh. 11 no. 10:10 O '62.

KARAGANDA—COMMUNIST EDUCATION

New, worthwhile work. N. Fekliaev. Sov. shakh. 11 no. 10:30 O '62.

KARAGANDA—PRECAST CONCRETE CONSTRUCTION

Experience with housing construction in Karaganda. I. Stal'noi. Zhil. stroi. no. 8:25-27 '62.

KARAGANDA BASIN—AUTOPHYLLITES

New representative of the genus Autophyllites Grand-Eury in Upper Paleozoic sediments of the Rudnyy Altai and Karaganda Basin. S. V. Sukhov. Trudy SNIIGGIMS no. 8:127-129 '60.

KARAGANDA BASIN—COAL MINES AND MINING

Coal losses in the Karaganda Basin. Sh. A. Altaev. Razved. i okh. nedr 28 no. 9:49-51 S '62.

G. K. Kolodub, a mine director. B. Semenov. Nar. khoz. Kazakh. 20 no. 8:61-64 Ag '62.

Plans and reality. I. Zhislin, V. Pen'kov, A. Panichev. Nar. khoz. Kazakh. 20 no. 8:37-41 Ag '62.

Work practices of a progressive mine of the Karagandaugol' Combine. Shakirov. Noak. Ugol' 37 no. 8: 17-19 S '62.

KARAGANDA BASIN—COAL MINES AND MINING—FINANCE

Business accounting in a mine. L. Shnaidman. Plan. khoz. 39 no. 10:76-78 O '62.

KARAGANDA BASIN—MINE GASES

Gas emission from a mined-out area in a system of working with inclined seams. M. S. Andriosov. Nauch. soob. IGD 12:181-192 '61.

KARAGANDA BASIN—OSTRACODA, FOSSIL

Studying fresh-water ostracods of coal-bearing sediments in the Upper Paleozoic of the Karaganda Basin. M. A. Reshetnikova. Trudy SNIIGGIMS no. 15:125-133 '61.

KARAGANDA PROVINCE—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

How our lecturers interpret the pressing problems of our life. Kh. Abdrakhmanov. Part. zhizn' Kazakh. 32 no. 9 55-57 S '62.

KARAGANDA PROVINCE—ECONOMIC POLICY

Report of a regional economic council to the plenum of the party's province committee. Nar. khoz. Kazakh. 20 no. 8:50 Ag '62.

KARAKUL SHEEP

(see also subdivision under Ukraine)

Classification of types of parabiotic bonds in Karakul sheep. V. F. Iurchenko. Dokl. AN SSSR 146 no. 2 502-504 S '62.

KARAVELOV, LIUBEN, 1834-1879

Vorob'ev, I. V. [Philosophical and sociological views of Liuben Karavelov] Filosofskie i sotsiologicheskie vozzreniia Liubena Karavelova [Moskva] Izd-vo Mosk. univ., 1962. 194 p.
(MH)

KARELIA—BLACK FLIES

A new and some little known species of black flies (Diptera, Simuliidae) from the Karelian A. S. S. R. and Murmansk Province. Z. V. Usova. Trudy Kar. fil. AN SSSR no. 30:153-160 '61.

Phenological periods and duration of the development of black flies (Diptera, Simuliidae) in the Karelian A. S. S. R. and in Murmansk Province. Z. V. Usova. Trudy Kar. fil. AN SSSR no. 30:143-152 '61.

KARELIA—FOREST FAUNA

Forests of Karelia as the breeding places and habitat of horseflies. A. S. Lutta. Trudy Kar. fil. AN SSSR no. 30: *161-185* '61.

KARELIA—HORSEFLIES

Forests of Karelia as the breeding places and habitat of horseflies. A. S. Lutta. Trudy Kar. fil. AN SSSR no. 30: 161-185 '61.

KARELIA—INSECT BAITS AND REPELLENTS

Experiments in individual protection of forest workers from bloodsucking insects in Karelia. A. S. Lutta. Trudy Kar. fil. AN SSSR no. 30:195-209 '61.

KARELIA—LABOR AND LABORING CLASSES

Slavin, N. F. [In the struggle for communist labor] V bor'be za kommunisticheskii trud. Petrozavodsk, *Gos.* izd-vo Karel'skoi ASSR, 1961. 86 p. Illus.
(MH)

KARELIA—LOADING AND UNLOADING

Karachun, A. A., and G. A. Stepakov. [Mechanization of work at lumber landings] Mekhanizatsiia rabot na nizhnikh lesnykh skladakh. Petrozavodsk, Gos. izd-vo Karel'skoi ASSR, 1961. 94 p.

KARELIA—LUMBERING

Karachun, A. A., and G. A. Stepakov. [Mechanization of work at lumber landings] Mekhanizatsiia rabot na nizhnikh lesnykh skladakh. Petrozavodsk, Gos. izd-vo Karel'skoi ASSR, 1961. 94 p.

KARELIA—MITES

Gamasid mites from small mammals of Karelia. R. E. Shul'man. Trudy Kar. fil. AN SSSR no. 30:107-128 '61.

KARELIA—PARASITES—MAMMALS

Gamasid mites from small mammals of Karelia. R. E. Shul'man. Trudy Kar. fil. AN SSSR no. 30:107-128 '61.

KARELIA—PARASITOLOGICAL RESEARCH

Parasitological research in Karelia. A. S. Lutta. Trudy Kar. fil. AN SSSR no. 30:3-23 '61.

KARELIA—SOCIALIST COMPETITION

Slavin, N. F. [In the struggle for communist labor] V bor'be za kommunisticheskii trud. Petrozavodsk, Gos. izd-vo Karel'skoi ASSR, 1961. 86 p. Illus.
(MH)

KARELIA—SOILS

Marchenko, A. I. [Soils of Karelia] Pochvy Karelii. Moskva, Izd-vo Akad. nauk SSSR, 1962. 308 p.
(DNAL)

KARGASOK DISTRICT—PALYNOLOGY

Spore-pollen complex in Turonian sediments of the Tymsk 1-R hole. Iu. F. Shirokova. Trudy SNIIGGIMS *no. 8:106-202* '60.

KARKARA-CHAY VALLEY—SOILS

Soil cover of the lower Karkara Valley in the Karabakh Steppe. B. M. Allev. Izv. AN Azerb. SSR. Ser. biol. i med. nauk no. 5:77-84 '62.

KARMALIUK, USTYM, 1787-1835

"Karmaliuk in folk literature; collected folklore." Reviewed by V. Olifirt. Mat. i vot. ta etn. 6 no. 1:137-140 Ja-Mr '62.

KARMRASHEN REGION—SLAG

Discussing A. A. Akopov an B. Shakhnazarian's article "Difficulty of combining the development of Karmrashen volcanic slag deposit with the construction of the reservoir at the run-off of Mantara flood water in G. Lusikian, I. S. Khachatrian. Prom. Arm. 5 no. 9 12-13 S '62.

Lightweight concrete based on separator slag of the Karmrashen deposit. A. Arakelian, V. Asatrian. Prom. Arm. 5 no. 9:32-34 S '62.

KARPENKO-KARYI, pseud. see Tobilevych, Ivan *Karpovych, 1845-1907*

KARST

(see also subdivision under Bashkiria, Belaya Valley, Bashkiria; Caucasus, Crimean Mountains, Georgia, Shaora Valley, Sukhumi region; Transcarpathia, Ufa Valley, Volga Valley)

Efficient section of isolines for electric prospecting maps. B. M. Smolnikov. Geofiz. sbor. no. 3:48-54 '62.

Information on the work of the Second Plenum of the Interdepartmental Commission for the Study of the Geology and Geography of Karst. Nov. kar. i spel. no. 2 2-11 '61.

Karst and national economy. N. A. Gvozdetskii, A. G. Chikishev. Priroda 51 no. 9:121-122 S '62.

Karst of sulfur deposits, theses. D. I. Peresun'ko. Nov. kar. i spel. no. 2 63-64 '61.

Norbert Casteret's new books. N. A. Gvozdetskii. Nov. kar. i spel. no. 2 101-100 '61.

University work on the physicogeographical regionalization of the U. S. S. R. and the study of karst. N. A. Gvozdetskii, I. D. Smirnova. Nov. kar. i spel. no. 2 80-84 '61.

What kind of karst sinks should be considered the largest. I. A. Brashnina. Nov. kar. i spel. no. 2:93-94 '61.

KARST—CONGRESSES

Conference on geophysical methods of the study of karst. I. A. Brashnina. Nov. kar. i spel. no. 2:98 '61.

"Internationale Beitrage zur Karstmorphologie. Zeitschrift fur Geomorphologie, Supplementband 2, Gottingen, 1960." Reviewed by N. A. Gvozdetskii. Nov. kar. i spel. no. 2:102-104 '61.

Session of the Commission for the Study of Karst Phenomena at the 19th International Geological Congress. N. A. Gvozdetskii. Nov. kar. i spel. no. 2, 12-25 '61.

KARST—MAPS

Method of mapping karst regions for the purposes of engineering geology and hydrogeology. N. V. Rodionov. Nov. kar. i spel. no. 2:76-78 '61.

KARYOKINESIS

Some characteristics of the change of mitotic activity during starvation in animals. N. F. Gromikhin. Tsitologiia 4 no. 1, 103-108 Ja-Ag '62.

KATSNEL'SON, FAINA IAKOVLEVNA, d. 1962

Faina Iakovlevna Katsnel'son; obituary. Zhur. nevr. i psikh. 62 no. 7:1118 '62.

KATUN' VALLEY—TRILOBITES

Lower Cambrian trilobites of the Katun' Basin (Gornyy Altai). L. I. Egorova. Trudy SNIIGGIMS no. 15:215-235 '61.

KAVERIN, VENIAMIN ALEKSANDROVICH, 1902-

The novel "Fulfillment of desires" in the works of V. Kaverin. L. V. Metel'skaia. Uch. zap. MGPI 172: 155-166 '61.

KAZAKH LANGUAGE—DICTIONARIES

Incorporation of Russian loanwords in an explanatory dictionary of the Kazakh language [in Kazakh with summary in Russian]. B. Sulaimenova. Izv. AN Kazakh. SSR, Ser. filol. i fak. no. 2:83-89 '62.

KAZAKH LANGUAGE—FOREIGN WORDS AND PHRASES—RUSSIAN

Broadening lexical blends in modern Kazakh as a means of determining the influence of the Russian language on languages of the peoples of the U. S. S. R. S. Nurkhanov. Izv. AN Kazakh. SSR, Ser. filol. i fak. *no. 2:3-12* '62.

Incorporation of Russian loanwords in an explanatory dictionary of the Kazakh language [in Kazakh with summary in Russian]. B. Sulaimenova. Izv. AN Kazakh. SSR, Ser. filol. i fak. no. 2:83-89 '62.

KAZAKH LANGUAGE—OBSOLETE WORDS

Etymology of certain obsolete words in the Kazakh language [in Kazakh with summary in Russian]. A. Makhmutov. *Izv. An Kazakh. SSR, Ser. filol. i fak.* no. 2:75-82 '62.

KAZAKH LITERATURE—HISTORY AND CRITICISM

Sil'chenko, M. S. [Soviet Kazakh literature in its current stage] Kazakhskaia sovetskaia literatura na sovremennom etape. Alma-Ata, Kazakhskoe gos. izd-vo, 1962. 66 p. (V pomoshch' slushateliam universiteta kul'tury)

KAZAKHS see subdivision under Turgay Province

KAZAKHS—COSTUME AND ADORNMENT
(see also subdivision under Taldy-Kurgan District)

Sources for study of Kazakh national costume. R. D. Khodzhaneva. Trudy Inst. ist., arkheol i etn AN Kazakh SSR 16:117-137 '62.

KAZAKHS—SOCIAL LIFE AND CUSTOMS

Ibragim Altynsarin as ethnographer of the Kazakh people. E. A. Masanov. Trudy Inst. ist., arkheol. i etn. AN Kazakh SSR 16:95-116 '62.

KAZAKHSTAN—ACCOUNTING

Mechanization and progressive accounting methods. V. Radostoveta. Nar. khoz. Kazakh. 20 no. 8:75-77 Ag '62.

KAZAKHSTAN—AGRICULTURE

Fraternal cooperation and mutual aid among Soviet peoples in the reclamation of virgin lands. F. K. Mikhailov. Izv. AN Kazakh. SSR. Ser. ist., arkheol. i etn. no. 2: 3-14 '62.

KAZAKHSTAN—APARTMENT HOUSES

Development of housing construction in Kazakhstan. V. Puttnaev. Zhil. stroi. no. 8:2-3 '62.

Experience with housing construction in Karaganda. I. Stal'nol. Zhil. stroi. no. 8:25-27 '62

The organization of construction and assembly work. V. Nettaga. Zhil. stroi. no. 8:14-15 '62.

KAZAKHSTAN—APATITE

Some minero-geochemical characteristics of apatite manifestations in northern Kazakhstan. Trudy IGFM no. 70:100-101 '62.

KAZAKHSTAN—BIOLOGY, EXPERIMENTAL

A new research institute. Vest. AN Kazakh. SSR 18 no. 6 90 Je '62

KAZAKHSTAN—BOTANY, MEDICAL

A conference on the medicinal plants of Kazakhstan. G. S. Smitsin. Vest AN Kazakh. SSR 18 no. 6, 86-89 Je '62

KAZAKHSTAN—BRONZE AGE

Comments on V. S Sorokin's review. S. S. Chernikov. Sov. etn no. 4 223-229 Jl-Ag '62

KAZAKHSTAN—CATTLE

We should prepare for the wintering of cattle. Part. zhizn' Kazakh. 32 no. 9 30-33 S '62.

KAZAKHSTAN—CHROMITE

Composition and properties of chromites from new Kazakhstan deposits. S. M. Zubakov, E. N. Ufaupova. Ogneupory 27 no. 10 449-453 '62

KAZAKHSTAN—CITY PLANNING

Development of the cities and towns of Kazakhstan. T. Basenov, Ch. Bapishev. Zhil. stroi. no. 8:16-18 '62.

Public centers of the cities of Kazakhstan. B. Ignatov. Zhil. stroi. no. 6:4-6 '62.

KAZAKHSTAN—CLOTHING INDUSTRY

More on the concentration and improvement in the management of local industry. A. Kudriavtseva. Nar. khoz Kazakh. 20 no. 8:73-74 Ag '62.

KAZAKHSTAN—COAL MINES AND MINING

Kazakhstan miners will carry out the decisions of the 22d Congress of the CPSU in the most efficient way. B. F. Bratchenko. Ugol' 37 no. 8, 1-5 S '62.

t. R Baigaliev

l to the Kazakh aul in
adetov. Izv. AN Kazakh.
., 2:02-76 '62.
Kazakhstan. A. Tugan-
., 8:76-79 Ag '62.

CATION

party education. V.
32 no. 9:25-29, S '62.

TY OF THE SOVIET

lov, comps. [For the
Leninskii stil' v
zakhskoe gos. izd-vo,

32 no. 9:79-80 S '62.

NDUSTRY

g labor productivity
of the Ministry of Con-
Ekon. stroi. no. 8:21-27

The most important problem. Part. zhizn' Kazakh. 32 no. 9 3-9 S '62

The organization of construction and assembly work. V. Nettaga. Zhil. stroi. no. 8:11-15 '62.

KAZAKHSTAN—DRAFT HORSES

Draft qualities of trotter breeds. P. A. Fedotov, V. N. Kotel'nikov. Vest. sel'khoz. nauki [Kazakh.] 5 no. 7 59-67 Jl '62

KAZAKHSTAN—ECONOMIC GEOGRAPHY

Bratchenko, B. F. [Kazakhstan today and tomorrow] Kazakhstan segodnia i zavtra. Moskva, Izd-vo "Znanie," 1962. 29 p. (Novoe v zhizni, nauke, tekhnike. XII Seriia: Geologiia i geografiia, no. 15)

KAZAKHSTAN—ECONOMIC POLICY

Bratchenko, B. F. [Kazakhstan today and tomorrow] Kazakhstan segodnia i zavtra. Moskva, Izd-vo "Znanie," 1962. 29 p. (Novoe v zhizni, nauke, tekhnike XII Seriia: Geologiia i geografiia, no. 15)

KAZAKHSTAN—GALCIOLOGICAL RESEARCH

Akademiia Nauk Kazakhskoi SSR, Alma-Ata. Otdel geografii. [Glaciological research during the IGY] Glatsiologicheskie issledovaniia v period MGG. Alma-Ata, Izd-vo Akad. nauk Kazakhskoi SSR. [With summaries in English]
No. 2 [Trans-Ili and Dzungarian Ala-Tau] Zailiiskii i Dzhungarskii Alatau 1962. 208 p.

KAZAKHSTAN—GRAIN HANDLING

Reducing the cost of labor at the Aidabul Grain Receiving Station. A. Manulov. Muk.-elev prom. 28 no. 7:26 Jl '62.

KAZAKHSTAN—GRAMMYSIIDAE, FOSSIL

Representatives of the family Grammysiidae Fischer in Lower Carboniferous sediments of Western Siberia and eastern Kazakhstan. V. A. Muromtseva. Trudy SNIIGGIMS no. 16, 117-124 '61.

KAZAKHSTAN—GRANITE

Formation of the granite massifs of the Ora-Tau and Kyzyl-Tau in central Kazakhstan. A. V. Avdeev, B. S. Zeilik. Trudy VSEGEI 74:171-181 '62.

KAZAKHSTAN—HISTORY

"Ideological and political currents in Kazakhstan in the late 19th and the early 20th century" by K. Beisembiev. Reviewed by R. Suleimenov. Part. zhizn' Kazakh. 32 no. 9:76-78, S '62.

KAZAKHSTAN—INDUSTRIAL MANAGEMENT

Leninist principles of industrial management. M. Zhulanov. Part. zhizn' Kazakh. 32 no. 8:17-18 S '62.

This law governs the work of each industrial enterprise. P. Pgorov, Kh. Kozhukhmetov. Part. zhizn' Kazakh. 32 no. 9:34-36 S '62.

KAZAKHSTAN—INDUSTRIES

General line of the development of our industry. T. Ashimbaev. Part. zhizn' Kazakh. 32 no. 9:19-21 S '62.

There are achievements, but they could have been greater. Iu. Komlev. Nar. khoz. Kazakh. 20 no. 8:29-33 Ag '62

Western Kazakhstan. Nar. khoz. Kazakh. 20 no. 8:9-10 Ag '62.

KAZAKHSTAN—LABOR PRODUCTIVITY

Increase labor productivity indefatigably. Nar. khoz. Kazakh. 20 no. 8:4-8 Ag '62.

KAZAKHSTAN—LEAD INDUSTRY—TECHNOLOGICAL INNOVATIONS

Problems demanding a solution. K. Akhmetov and others. Nar. khoz. Kazakh. 20 no. 8:51-56 Ag '62.

KAZAKHSTAN—MACHINE ACCOUNTING

Let calculating machines do this work. V. Radostoveta. Part. zhizn' Kazakh. 32 no. 8:38-39 S '62.

Mechanization and progressive accounting methods. V. Radostoveta. Nar. khoz. Kazakh. 20 no. 8:75-77 Ag '62.

KAZAKHSTAN—MOHAMMEDAN ANTIQUITIES

Akishev, K. A., and E. I. Ageeva. [Ancient monuments of Kazakhstan] Drevnie pamiatniki Kazakhstana. Alma-Ata, Kazgosizdat, 1958. 59 p.
(WaU)

KAZAKHSTAN—NONFERROUS METAL INDUSTRIES—METALLURGY

Paths of scientific development in nonferrous metallurgy. V. Ponomarev. Nar. khoz. Kazakh. 20 no. 8:42-46 Ag '62.

KAZAKHSTAN—ORES

On the problem of the properties of ores. V. Matushevich. Nar. khoz. Kazakh. 20 no. 8:66-67 Ag '62.

KAZAKHSTAN—PALEONTOLOGY, STRATIGRAPHIC

Boundary between Silurian and Devonian sediments in the western wing of the Zhaman-Sary-Su anticlinorium (central Kazakhstan). I. P. Mikhnovich. Trudy VSEGEI 74:79-83 '62.

KAZAKHSTAN—PETROLEUM INDUSTRY

At the old section. A. Gorbunov. Nar. khoz. Kazakh. 20 no. 8:26-28 Ag '62.

KAZAKHSTAN—PRECAST CONCRETE CONSTRUCTION

Reed and reinforced concrete panels for rural construction in Kazakhstan. V. Briand. Zhil. stroi no. 7,8-10 '62.

KAZAKHSTAN—RECLAMATION OF LAND—CONGRESSES

Interrepublic scientific session on the reclamation of the deserts of Central Asia and Kazakhstan, May 24-27, 1962. A. T. Ievadnik, N. IA. Miagkov. Izv. AN Turk. SSR, Ser. biol. nauk no. 4 88-91 '62.

KAZAKHSTAN—REED PRODUCTS

Reed and reinforced concrete panels for rural construction in Kazakhstan. V. Briand. Zhil. stroi. no. 7:8-10 '62

KAZAKHSTAN—ROCKS, IGNEOUS

Isolation of the Vishnevskii intrusive complex in the Selety-Shidety region of central Kazakhstan. M. G. Khairlamov, V. IA. Chernov. Trudy VSEGEI 74:117-170 '62.

Small intrusions of the Akzhal--Ak-Sor fault zone. N. N. Velikaia. Trudy VSEGEI 74 115-130 '62.

KAZAKHSTAN—ROTATION OF CROPS

Cultivation practices as a basis for the development of row crop rotations in Kazakhstan. I. S. Suleimenov. Vest. sel'khoz. nauki [Kazakh.] 5 no. 7,18-25 Jl '62.

Cultivation practices in the development of row crop rotations in Kazakhstan. I. S. Suleimenov. Zemledelie 24 no. 8 25-29 Ag '62.

KAZAKHSTAN—RUSSIANS—SOCIAL LIFE AND CUSTOMS

A brief outline of the material culture of the Russian settlers in Kazakhstan. Kh. Argynbaev. Trudy Inst. ist., arkheol. i etn. AN Kazakh SSR 16:138-167 '62

KAZAKHSTAN—SCIENTISTS

Academicians of the Academy of Sciences of the Kazakh S S R elected by the General Assembly of May 29, 1962, brief biographies. Vest AN Kazakh. SSR 18 no. 6, 28a-28j Je '62.

KAZAKHSTAN—SHEEP BREEDING

Vitality and adaptability of animals. M. A. Ermekov. P. F. Gladkov. Agrobiologiia no. 4 581-587 Jl-Ag '62

KAZAKHSTAN—SHOOTING

Rifle marksmen of Kazakhstan. A. Belousova, I. Voitenkova. Voen. znan. 38 no. 9:30 S '62.

KAZAKHSTAN—TECHNICAL EDUCATION

Improve the training of engineering and technical personnel. F. Mukhamedzhanov. Nar. khoz. Kazakh. 20 no. 8: 57-60 Ag '62.

KAZAKHSTAN—TECHNOLOGICAL INNOVATIONS

There are achievements, but they could have been greater. Iu. Komlev. Nar. khoz. Kazakh. 20 no. 8:29-33 Ag '62.

KAZAKHSTAN—THORIUM

Uranium and thorium in granitoids of the Kalbinsky massif (central Kazakhstan) [with summary in English]. L. V. Dmitriev, L. L. Leonova. Geokhimiia no. 8: 665-672 '62.

KAZAKHSTAN—UKRAINIANS

Solovei, Dmytro. [Forced colonization of the Kazakh Republic by the Ukrainian population; explanation of the question why the Ukrainian population in the Ukraine is diminishing] Prymusova kolonizatsiia Kazakhs'koi respubliky ukrains'koiu liudnistiu, do vysvitlennia pytannia, chomu na Ukraini zmenshuiet'sia vidnosna kil'kist' ukraintsiv. Munich, 1961. 16 p. (Vidbytka z zhurnalu "Vil'na Ukraina," ch. 29)

KAZAKHSTAN—URANIUM

Uranium and thorium in granitoids of the Kalbinsky massif (central Kazakhstan) [with summary in English]. L. V. Dmitriev, L. L. Leonova. Geokhimiia no. 8: 665-672 '62.

KAZAKHSTAN—VETERINARY MEDICINE

Making use of the achievements of veterinary sciences in Kazakhstan. P. A. Rudenko, B. I. Soflev. Vest. sel'khoz. nauki [Kazakh.] 5 no. 7:86-89 Jl '62.

KAZAKHSTAN—ZINC INDUSTRY—TECHNOLOGICAL INNOVATIONS

Problems demanding a solution. K. Akhmetov and others. Nar. khoz. Kazakh. 20 no. 8:51-56 Ag '62.

KAZAKHSTAN IN LITERATURE

Kosenko, P. P. [Its own face; literary sketches and portraits] Svoe litso; literaturnye ocherki i portrety. Alma-Ata, Kazgosilitzdat, 1962. 170 p.

KAZAKOV, MATVEI FEDOROVICH, 1738-1812—BIBLIOGRAPHY see Bibliography—Kazakov, Matvei Fedorovich, 1738-1812

KAZAN—REVOLUTION, 1917-1921

Lezin, M. A. [Recollections of a Bolshevik] Vospominaniia bol'shevika. Kazan', Tatarskoe knizhnoe izd-vo, 1961. 119 p.
(CSt-H)

KAZAN—SUBURBS AND ENVIRONS

Suburbs of Kazan. A. Tideman. Na stroi. Ros. 3 no. 4: 11-12 Ap '62.

KAZBEGI DISTRICT—GRANITE

Genesis of Dar'yal granitoids D. M Shengelia Trudy Geol inst. AN Gruz SSR, Min i petr ser 6 191-197 '61

KEDABEK DISTRICT—SHEEP—ANATOMY

Growth and development of the skeleton of some sheep breeds raised in the seasonal mountain pastures of Azerbaijan. G. K. Kuliev. Izv. AN Azerb. SSR. Ser. biol. i med. nauk no. 3 75-83 '62.

KEITA, MODIBO, 1915-

Modibo Keita. Mir. ekon. i mezhdunar. otn. no. 10, 129-130 O '62.

KEKILOV, AMAN, 1912-

A scholar and poet. M. Khamzaev Izv. AN Turk. SSR, Ser. obshchestv nauk no. 4 94-98 '62.

KELP see subdivision under Far East

KEMEROVO PROVINCE—JOURNALISM, AGRICULTURAL

Collective organizer. IU. Lednev. Polit. samoobr. 6 no. 9 139-142 S '62.

KEMEROVO PROVINCE—ROTATION OF CROPS

Comparative productivity of crop rotations in Kemerovo Province [with summaries in English, German, and French]. Vest. sel'khoz. nauki 7 no. 6:68-75 Je '62.

KEMEROVO PROVINCE—THEATER

"Poem on the Kuznetsk Basin." N. Zybina. Sov. shakh. 11 no. 10 31-32 O '62.

KEMEROVO PROVINCE—WAGES—CONSTRUCTION INDUSTRY

From the editors' mail. Sots. trud 7 no. 9:146-147 S '62.

KEMEROVO REGION—TRADE UNIONS

Forces multiplied. V. Shaposhnikov. Sov. shakh. 11 no. 10, 25 O '62.

KENIMEKH DISTRICT—SHEEP—FEEDING AND FEEDS

New achievements of stock farmers. T. Dzhumaev. Part. zhizn' [Uzb.] 5 no. 9 61-65 S '62.

KERAMZIT

The chemical-mineralogical composition of clayey soil of Omsk deposits and its effect on the properties of keramzit. Z. I. Samoilenko. Izv. vys. uch. zav.; stroi. i arkhit. 5 no. 4:99-104 '62.

Constructing a building with large keramzit concrete slabs A. Romashko, G. Garkavenko Stroi. i arkhit Mosk. 11 no. 9:26-27 S '62.

Improving techniques and equipment in the production of keramzit. IU. D. Shakhov, D. I. Reznikov. Stroi. mat. 8 no. 8 26-31 Ag '62.

KERCH PENINSULA—GEOLOGY, STRATIGRAPHIC

Marine Quaternary deposits of the Kerch Peninsula. T. B. Aleksandrovskyi. Geog. zbir. no. 6:76-84 '62.

KERCH PENINSULA—STONE AGE

Exploration of Neolithic period monuments on the Kerch Peninsula. IU. I. Kolosov. Arkheologiia 14:156-160 '62.

KEROGEN

Refining and fractionation of mixtures of saturated dicarboxylic acids produced by oxidation of kerogen in kukersite [with summary in English] L. Pobul', A. Fomina. Izv. AN Est. SSR Ser. fiz.-mat. i tekh. nauk 11 no. 3:203-211 '62

KETMEN TYUBE VALLEY—PHYTOGEOGRAPHY

Vegetation of the Ketmen-TyubeDepression and urgent problems of its conservation. M. Bothaeva Izv. AN Kir. SSR, Ser. est. i tekh. nauk 3 no. 5 115-122 '61.

KETO-ENOL SUBSTANCES

Study of the keto-enol tautomerism of chlorophyll based on infrared absorption spectra. A. V. Karlakin, A. K. Chibisov. Opt. i spektr. 13 no. 3:370-382 S '62.

KETOLS—SPECTRA

Ring-chain tautomerism. Absorption spectra and structure of ketols in solutions. IU. A. Pentin, I. S. Trubnikov. Dokl. AN SSSR 146 no. 1:107-110 S '62.

KETONES

Action of piperidine on β-arylamino ketones. N. S. Kozlov, G. N. Kozlov. Zhur. ob. khim. 32 no. 8:2428-2431 Ag '62.

Condensation of thiolactams with halogenated ketones. F. S. Babichev and others. Zhur. ob. khim 32 no. 9:2793-2797 S '62.

KEYNES, JOHN MAYNARD, 1883-1946

Keynesian theories of the stimulating influence of inflation on industrial production in the United States. B. S. Kachurin. Izv. AN Turk. SSR, Ser. obshchestv. nauk no. 3:37-49 '62.

KHABAROVSK TERRITORY—FINANCE

Unnecessary work. IA. Chernykh. Fin. SSSR 23 no. 9: 76-77 S '62.

KHABAROVSK TERRITORY—RECLAMATION OF LAND

Reclamation of new land in Khabarovsk Territory. S. D. Sokolova. Trudy MIIZ no. 14:109-116 '61.

KHADAINATOV, MIKHAIL RODIONOVICH, 1909-1962

Mikhail Rodionovich Khadainatov; obituary. Rustam-Sade and others. Kons. i ov. plem. 17 no. 10, 17 O '62.

KHALTURIN—MOTORCYCLES

Voluntary instructor. V. Vatletsov. Za rul. 20 no. 9 10 S '62.

KHANKA, LAKE—PARASITES—WATER BIRDS

Role of shrimps in the propagation of notocotylosis [with summary in English]. V. M. Alekseev Zool. zhur. 41 no. 8 1255-1257 Ag '62

KHANKA, LAKE—TREMATODA—HOST ANIMALS

Role of shrimps in the propagation of notocotylosis [with summary in English] V. M. Alekseev Zool. zhur. 41 no. 8 1255-1257 Ag '62

KHARKOV—LIBRARY CATALOGS

The 1769 library catalog of the Kharkov Collegium. I. IA. Kaganov. Kniga; issl. i mat. 6 105-122 '62.

KHARKOV—INDUSTRIAL EQUIPMENT—MAINTENANCE AND REPAIR

Creating conditions for the continuous work of equipment. V. Bublik. Sots. trud 7 no. 9, 71-72 S '62.

KHARKOV—MACHINE-TOOL INDUSTRY

Workers become designers. O. Sopina, P. Perevertailo Mashinostroitel' no. 9:3 S '62.

KHARKOV—MACHINERY INDUSTRY

Specialization and cooperation in the machinery manufacturing of Kharkov P. A. Livitskii Trudy KhPI 22 no. 2:3-7 '59.

KHARKOV—MACHINERY INDUSTRY—ACCOUNTING

Accounting for the gross and commodity output in machinery manufacturing plants. L. U. Oleinik. Trudy KhPI 22 no. 2:117-126 '59.

KHARKOV—MACHINERY INDUSTRY—TECHNOLOGICAL INNOVATIONS

Special features of the dissemination of innovators' practice in machinery manufacturing. M. M. Apanovich. Trudy KhPI 22 no. 2:103-116 '59.

KHARKOV ECONOMIC REGION—INDUSTRIAL MANAGEMENT

These problems are prompted by life N. Sokol', Kommunist 39 no. 15:45-53 O '62.

KHARKOV PROVINCE—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

Work with people at the place of their residence. V. Lopatin. Part. zhizn' no. 19:39-42 O '62.

KHATUN' (MOSCOW PROVINCE)—CHURCH ARCHITECTURE

The wooden church in the village of Khatun' near Moscow. IU. N. Gumburg. Arkhit. nas. 14, 185-192 '62

KHATYRKA VALLEY—PETROLEUM GEOLOGY

Evidences of oil in the lower Khatyrka (Koryak upland). IU. B. Gladenkov. Izv. AN SSSR. Ser. geol. 27 no. 9: 101-106 S '62.

KHERSON—AGRICULTURAL MACHINERY INDUSTRY—FINANCE

The shift foreman should be responsible for business accounting. A. Zlochevskii. Plan. khoz. 39 no. 10: 72-76 O '62.

KHODZHABADSKIY DISTRICT—AGRICULTURAL ADMINISTRATION

The pressing problem of our time. K. Sultanov. Part. zhizn' [Uzb.] 5 no. 9, 48-51 S '62.

KHOMUTOVKA DISTRICT—RURAL PLANNING

Land utilization in the development of systems of regional planning. G. V. Cheshikhin, V. P. Trotskii. Trudy MIIZ no. 14:3-22 '61.

KHOPER VALLEY—GEOLOGY, STRATIGRAPHIC

Subdivision of Lower Famennian deposits of the Khoper-Buzuluk interfluve. V. I. Shevchenko. Dokl. AN SSSR 146 no. 1:103-104 S '62.

KHOREZM PROVINCE—COLLECTIVE FARMS

We try to ensure the observance of regulations governing the work of collective farms. N. Muradov. Sov. deput. trud. no. 10:9-13 O '62.

KHOREZM PROVINCE—SOIL MOISTURE

Evaporation of underground waters in the southern part of Khorezm Province. F. M. Rakhimbaev. Uzb. geol. zhur. 6 no. 4:35-39 '62.

KHOREZM PROVINCE—URN BURIAL

The ossuaries of Khorezm; the religious history of Khorezm [with summary in English]. IU. A. Rapoport. Sov. etn. no. 4:67-83 Jl-Ag '62.

KHOREZM PROVINCE—ZOROASTRIANISM

The ossuaries of Khorezm; the religious history of Khorezm [with summary in English]. IU. A. Rapoport. Sov. etn. no. 4:67-83 Jl-Ag '62.

KHOTYNETS DISTRICT—ROAD CONSTRUCTION

From the letters to the editor. Sov. deput. trud. no. 10 74 O '62.

KHRUSHCHEV, NIKITA SERGEEVICH, 1894-

The building of communism in the U.S.S.R. and the development of Soviet agriculture. V. Polikov. Kommunist 39 no. 16:52-63 N '62.

KHUST—FLOODS

Flood in Khust. M. M. Aizenberg, B. M. Shteingol'ts. Priroda 51 no. 7:30 Jl '62

KHVALYNSK—ARCHALOLOGICAL MUSEUMS AND COLLECTIONS

Materials from the Khvalynsk Museum. E. K. Maleinov Sov. arkheol. 8 no. 3, 283-288 '62.

KIDNEYS

Effect of Rauwolfia alkaloids on the kidneys in hypertension [with summary in English] P. I. Mitrichenko. Kardiologiia 2 no. 1:80-82 Jl-Ag '62.

Genesis of the morphological changes in sudden death from hypertension Report No. 2. Histological study of the kidneys. F. I. Travchetova. Sud.-med. ekspert. 5 no. 3:24-27 Jl-S '62.

Localization of dehydrogenases in the nephron cells of a grass frog. IU. V. Natochin. Tsitologiia 4 no. 1:457-460 Il-Ag '62

Localization of renin in the kidneys of normal animals and men [with summary in English]. A. M. Vikhert, IU. A. Serebrovskaia. Kardiologiia 2 no. 1 10-17 Jl-Ag '62.

Strain of malignant cells obtained through the prolonged cultivation in vitro of normal kidney tissue from mice of the A/SN line. M. IA. Chumakova and others. Vop. onk. 8 no. 8:51-57 '62.

KIDNEYS—BLOOD SUPPLY

Role of ischemia of the kidneys in the pathogenesis of hypertension [with summary in English] N. L. Anfanian, G. A. Anfanian Kardiologiia 2 no. 4 27-31 Jl-Ag '62

KIDNEYS—DISEASES

Case of toxic renal lesions due to sulfathiazole. I. S. Teodosiev, L. I. Kasankov. Klin. med. 40 no. 6:138-140 Je '62.

Hormonal therapy for nephritis in children [with summary in English]. V. I. Verbitskii, I. N. Vul'fson, N. P. Petrova. Vop. okh. mat. i det. 7 no. 6:15-18 Ag '62.

Shcherba, M. I. [Diseases of the kidneys] Rukovodstvo. Leningrad, Medgiz, 1962. 27 p. (Nauchno-popularnaia meditsinskaia literatura) (DNLM)

KIDNEYS—TUMORS

Case of lymphogranulomatosis in combination with hypernephroma. B. IA. Levina, S. IA. Kovzhenevich Klin. med. 40 no. 6:108-109 Je '62.

KIDNEYS, ARTIFICIAL

Physical and technical principles of the "artificial kidney" apparatus. Report No. 2, Part 1. Comparison of the data obtained from experimental data. Med. prom. 16 no. 7, 58-62 Jl '62.

KIEV—ART—EXHIBITIONS

Works by amateur artists. M. Steniv. Nar. tvor. ta etn. 6 no. 1:153 Ja-Mr '62.

KIEV—CITY PLANNING

New housing areas, old building methods. V. Ilnitskevich. Zhil. stroi. no. 3:8-11 '62.

KIEV—CRIME PREVENTION

How the district people's courts of a city are trying to prevent crime K. Bidelpaat Sov. iust. no. 19 16-18 S '62.

KIEV—EXHIBITIONS

[Treasury of national achievements] Skarbnytsia narodnoho dosvidu. [Kyiv] Derzh. vyd-vo obrazotvorcho ho mystetstva i muzychnoi literatury URSR, [1962] 1 v. [Parallel texts in Ukrainian, Russian, and English]

KIEV—MEDICAL COLLEGES

Kiev Medical and Obstetrical School; on the 120th anniversary of its founding. K. D. Shumskii. Fel'd. i akush. 27 no. 7:38-42 Jl '62.

KIEV—MOTORCYCLE INDUSTRY

Follow-up of our materials. Sov. profsoiuzy 10 no. 16: 47 S '62.

KIEV—REGISTERS OF BIRTHS, ETC.

Five women's hands and hearts. G. Kominsarova, N. Prudkova. Sov. deput. trud. no. 10:79-82 O '62.

KIEV ECONOMIC REGION—RUNOFF

The regime of river runoff in the Kiev Economic Region S. F. Pustovoit. Geog. zbir. no. 6:91-99 '62.

KIEV PROVINCE—AGRICULTURE

Finest job on the earth. M. Vinokurov. Zemledelie 24 no. 8:36-37 Ag '62.

Practices in the drainage and use of floodlands. V. P. Horodov, V. P. Matskovych. Visnyk sil'hosp. nauky 5 no. 8:14-18 Ag '62.

KIEV PROVINCE—CARROTS

Chemical control of weeds in carrot fields. IU. H. Mezhyns'kyi. Nauk. pratsi Ukr. nauk.-dosl. inst. zem. 11:135-139 '61.

KIEV PROVINCE—JOURNALISM

If there were a fulcrum... M. Artynov. Sov. pech. no. 6: 36-37 Je '62.

KIEV PROVINCE—PRECAST CONCRETE

Concentrate and specialize the production of precast reinforced concrete. S. Koshaliuk. Elektrotekh. no. 8: 68-71 Ag '62.

KIEV PROVINCE—SEED PRODUCTION

Effect of mowing and threshing dates on the sowing quality of seeds of individual farm crops. O. M. Kolobov, Il. D. Khoroshkova. Nauk. pratsi Ukr. nauk.-dosl. inst. zem. 11:111-115 '61.

KIEV PROVINCE—SURGICAL SOCIETIES

Minutes of the meetings of the Surgical Society of Kiev and Province. V. K. Bolko. Klin. Khir. no. 7: 92-96 Jl '62.

KILIYA

Kunitsa, N. A. [Kiliya, study] Kiliia, ocherk. [Odessa] Odesskoe knizhnoe izd-vo, 1962. 141 p.

KILNS, ROTARY

Units for burning kaolin. A. L. Rabinovich. Stek. i ker. 19 no. 8: 33-34 Ag '62.

KIMBERLITE

(see also subdivision under Motchimden Valley)

Deuteric alteration of kimberlites. V. A. Milashev. Trudy NIIGA 12:165-185 '62.

KIMBERLITE—CLASSIFICATION see subdivision under Yakutia

KINDERGARTEN

(see also subdivision under Ivanovichi)

How we develop a sense of movement in children. L. IAshchina. Nar. obr. no. 6: 78-81 Je '62.

How rural kindergartens familiarize children with nature in the fall. I. Hanchurenka. Nar. obr. no. 9: 73-80 S '62.

KINEL' DISTRICT—WATER LILIES

New place of occurrence of the water lily Nymphaea tetragona Georgi in the European part of the U.S.S.R. V. I. Matveev. Bot. zhur. 47 no. 7: 1016-1017 Jl '62.

KINEL'-CHERKASSY DISTRICT—SECONDARY RECOVERY OF OIL

Effect of secondary recovery methods on the rate of carbonate reservoir production. G. B. Vyshigin. Geol. nefti i gaza 6 no. 8: 15-19 Ag '62.

KINETIC THEORY OF GASES see Gases, Kinetic theory of

KIPCHAKS

Contribution to the study of the "Uigur system of writing" of the Cumans. A. Kurysheazhanov. Izv. AN Kazakh. SSR Ser. filol. i fak. no. 2: 43-46 '62.

KIRGHIZ LANGUAGE—BIBLIOGRAPHY see Bibliography—Kirghiz language

KIRGHIZ LITERATURE—HISTORY AND CRITICISM

Akademiia nauk Kirgizskoi SSR. Institut iazyka i literatury. [Outline history of Soviet Kirghiz literature] Ocherki istorii kirgizskoi sovetskoi literatury. Frunze, Izd-vo AN Kirgizskoi SSR, 1961. 518 p.

KIRGHIZ RANGE—PASTURES AND MEADOWS

Nikitina, E. V. [Flora and vegetation of the pastures and meadows of the Kirghiz Ala-Tau] Flora i rastitel'nost' pastbishch i senokosov khrebta Kirgizskii Ala-Too. Frunze, Izd-vo Akad. nauk Kirgizskoi SSR, 1962. 202 p.

KIRGHIZISTAN—BIRDS

Akademiia nauk Kirgizskoi SSR, Frunze. Institut zoologii i parazitologii. [Birds of Kirghizia] Ptitsy Kirgizii. Frunze, Izd-vo Akad. nauk Kirgizskoi SSR.
Vol. 3. 1961. 359 p.

KIRGHIZISTAN—BLASTING

Study of the parameters of large-scale blasting in Kirghiz open-pit mine workings. E. G. Baranov and others. Vzryv. delo no. 50/7: 131-141 '62.

KIRGHIZISTAN—COLLECTIVE FARMS—INCOME DISTRIBUTION

Eropkin, V. G., G. M. Gladkov, and G. L. Forer. [Wages on the collective farms of Kirghizistan] Oplata truda v kolkhozakh Kirgizii. Frunze, Izd-vo Akad. nauk Kirgizskoi SSR, 1961. 214 p.

KIRGHIZISTAN—CORN BREEDING

Parental material for the production of corn hybrids for ensilage. E. A. Teplova. Shor. trud. nasp. i mol. nauch. sotr. VIR no. 1: 121-127 '60.

KIRGHIZISTAN—COTTON GROWING

Main historical and geographical factors in the development of cotton growing in Kirghizistan. V. V. Grechko. Izv. AN Kir. SSR, Ser. est. i tekh. nauk 3 no. 5: 47-53 '61.

KIRGHIZISTAN—CULTURE

Lenin's estimation of cultural heritage. Izv. AN Kir. SSR Ser. obshchestv. nauk 2 no. 1: 5-9 '60.

KIRGHIZISTAN—DICOTYLEDONS

[Flora of the Kirghiz S.S.R., classification key of the plants of the Kirghiz S.S.R.] Flora Kirgizskoi SSSR, opredelitel' rastenii Kirgizskoi SSSR. Sost. E. V. Nikitina i dr. Nauchn. red. A. I. Vedenskii. Frunze, Izd-vo Akad. nauk Kirgizskoi SSR. [In Russian with summary in Kirghiz]
Vol. 10. [Families Cuscutaceae, Polemoniaceae, Boraginaceae, Verbenaceae, Scrophulariaceae, Bignoniaceae, Orobanchaceae, Lentibulariaceae, Plantaginaceae, Rubiaceae, Caprifoliaceae, Adoxaceae, Valerianaceae, Morinaceae, Dipsacaceae, Cucurbitaceae, Campanulaceae, Lobeliaceae] Semeistva: Povitilkovye, Sinikhovye, Burachnikovye, Verbenovye, Norichnikovye, Bignonievye, Zarazikhovye, Puzyrchatkovye, Podorozhnikovye, Marenovye, Zhimolostnye, Adoksovye, Valerianovye, Morinovye, Vorsiankovye, Tykvennye, Kolokol'chikovye, Lobelievye. 1962. 387 p.

KIRGHIZISTAN—ECONOMIC GEOGRAPHY

"The Kirghiz S.S.R.: economic and geographic characteristics" by S. N. Blazantsev, V. I. Pavlenko. Reviewed by K. O. Otorbaev, B. A. Imin. Izv. Vses. geog. ob-va 94 no. 4: 352-353 Jl-Ag '62.

KIRGHIZISTAN—FRUIT CULTURE

Prutenskii, D. I. [Practices in improving wild fruit trees in the nut and fruit forests of Kirghizistan] Opyt oblagorazhivaniia dikorastushchikh plodovykh v orekho-plodovykh lesakh Kirgizii. Frunze, Izd-vo Akad. nauk Kirgizskoi SSR, 1962. 56 p.
(DNAL)

KIRGHIZISTAN—HORTICULTURE

History of the development of horticulture in the Kirghiz S.S.R. S. G. Abdrakhmanov. Shor. trud. nasp. i mol. nauch. sotr. VIR no. 1: 238-254 '60.

KIRGHIZISTAN—INDUSTRIES, LOCATION OF

Alyshbaev, D. A., and B. A. Druker. [Problems in the development and distribution of the most important branches of industry in Kirghizistan] Voprosy razvitiia i razmeshcheniia vazhneishikh otraslei promyshlennosti Kirgizii. Frunze, Izd-vo Akad. nauk Kirgizskoi SSR, 1962. 20 p.

KIRGHIZISTAN—INSCRIPTIONS, TURKISH (OLD)

Akademiia nauk Kirgizskoi SSR. Frunze. Institut istorii. [New epigraphic finds in Kirghizia, 1961] Novye epigraficheskie nakhodki v Kirgizii (1961 g.), sbornik statei. Frunze, Izd-vo Akad. nauk Kirgizskoi SSR, 1962. 45 p.

KIRGHIZISTAN—IRRIGATION

Akademiia nauk Kirgizskoi SSR, Frunze. Institut energetiki i vodnogo khoziaistva. [Field investigation of irrigation systems] Proizvodstvennye issledovaniia na orositel'nykh sistemakh. Frunze, Izd-vo AN Kirgizskoi SSR, 1961. 302 p.

KIRGHIZISTAN—NEWSPAPER AND PERIODICAL CIRCULATION

More concern for the distribution of inter-district newspapers. S. Semenov. Raspr. pech. no. 7: 12 Jl '62.

KIRGHIZISTAN—PHILOSOPHY—RESEARCH

Scholarly research at the Department of Philosophy of Kirghiz University. V. M. Mikhailov. Nauch. dokl. vys. shkoly: filos. nauki 5 no. 3: 130-134 '62.

KIRGHIZISTAN—RESEARCH

Karakeev, K. G. [Growth of science and learning in Soviet Kirghizistan] Razvitie nauki v Sovetskom Kirgizstane. Frunze, Izd-vo Akad. nauk Kirgizskoi SSR, 1962. 124 p.

KIRGHIZISTAN—REVOLUTION, 1917-1921

Zima, A. G. [Kirghiz soviets in 1917] Sovety v Kirgizii v 1917 godu. Pod red. K. Karakeeva. Frunze, Izd-vo Akad. nauk Kirgizskoi SSR, 1962. 125 p.

KIRGHIZISTAN—REVOLUTION, 1917-1921—ECONOMIC ASPECTS

Orozbaev, Asangali, Korim Dzhumashev, and Saidumar Mangus-kulodzhaev. [Economy of Kirghizistan during the October Revolution, civil war and foreign intervention, 1917-1920] Narodnoe khoziaistvo Kirgizii v period Oktiabr'skoi revoliutsii, grazhdanskoi voiny i inostrannoi interventsii, 1917-1920 gg. Frunze, Izd-vo Akad. nauk Kirgizskoi SSR, 1962. 116 p.

KIRGHIZISTAN—ROCKS, SEDIMENTARY

Some characteristics of the rhythmical structure of red beds in northern Kirghizia. K. A. Grigor'ev. Trudy VSEGEI 72:161-166 '62.

KIRGHIZISTAN—SOVIETS

Malabaev, Dzholdoshbai. [How the Kirghizistan party organization struggled for the consolidation of the soviets] Bor'ba Kirgizskoi partorganizatsii za ukreplenie Sovetov. Frunze, Izd-vo Akad. nauk Kirgizskoi SSR, 1962. 73 p.

Zima, A. G. [Kirghiz soviets in 1917] Sovety v Kirgizii v 1917 godu. Pod red. K. Karakeeva. Frunze, Izd-vo Akad. nauk Kirgizskoi SSR, 1962. 125 p.

KIRGHIZISTAN—ZOOLOGICAL RESEARCH

Plans and prospects for studying the fauna of Kirghizistan and adjacent territories. V. F. Palii. Zool. zhur. 41 no. 8: 1278-1280 Ag '62.

KIROV DISTRICT (KALUGA PROVINCE)—COMMUNITY AND SCHOOL

This is the great merit of community workers. P. Ivantsova. Nar. obr. no. 10: 17-19 O '62.

KIROVOBAD—ALUMINUM INDUSTRY

The Kirovobad Aluminum Plant. K. Gasanov, M. Provalinskii. Sov. profsoiuzy 18 no. 19: 20-21 O '62.

KIROVOGRAD—AIR—POLLUTION

Atmospheric pollution in Kirovograd and measures for reducing it. R. A. Khutorian, F. L. Rubinshtein. Gig. i san. 26 no. 12: 86 D '61.

KIROVOGRAD PROVINCE—ATHEISM

The propaganda of atheism in Kirovograd Province. Voiov. ateist no. 1: 34 D '61.

KIROVSKIY DISTRICT (NORTH OSSETIA)—EDUCATION

In this district all children go to school. I. Dmitriev. Nar. obr. no. 8: 17-18 Ag '62.

KIRSON, VLADIMIR MIKHAILOVICH, 1902-1937

Vladimir Kirshon, on the 60th anniversary of his birth. E. Gorbunova. Teatr. 23 no. 8: 127-131 Ag '62.

KISHINEV—AUDITING AND INSPECTION

What we had started from. P. Glebov. Fin. SSSR 23 no. 9: 75 S '62.

KISHINEV—BLOOD—DISEASES

Characteristics of the frequency and of the particular features of diseases of the blood and hemopoietic organs according to prosection autopsy data in Kishinev. V. M. Golovin. Zdravookhranenie 5 no. 4: 36-40 Jl-Ag '62.

KISHINEV—HEMOPOIETIC SYSTEM—DISEASES

Characteristics of the frequency and of the particular features of diseases of the blood and hemopoietic organs according to prosection autopsy data in Kishinev. V. M. Golovin. Zdravookhranenie 5 no. 4: 36-40 Jl-Ag '62.

KISHINEV—PENSIONERS—EMPLOYMENT

What we had started from. P. Glebov. Fin. SSSR 23 no. 9: 75 S '62.

KISHINEV—RHEUMATIC FEVER

Disease incidence among the population of Kishinev of rheumatism and its age and sex characteristics. L. S. Sycheva. Zdravookhranenie 5 no. 4: 8-11 Jl-Ag '62.

KISLOVODSK—HEALTH RESORTS, WATERING PLACES, ETC.

Smirnov-Kamenskii, E. A. [Kislovodsk Health Resort] Kurort Kislovodsk. [Stavropol'] Stavropol'skoe knizhnoe izd-vo, 1962. 206 p.
(DNLM)

KITCHEN UTENSILS

Dynamic frying pan. V. IUdaeva. Obshchestv. pit. no. 6: 51-52 Je '62.

KITCHENS

Sorokin, K. F., R. N. Blashkevich, and A. L. Mintieva. [Kitchens, bathrooms, and built-in furniture; examples from abroad] Kukhni, sanitarnye uzly i vstroennaia mebel'; zarubezhnyi opyt. Moskva, Gosstroiizdat, 1962. 148 p.

KITOY GOL'TSY—CONGLOMERATE

Ancient conglomerates of the Kitoy Alps (Eastern Sayan). IU. Z. Elizar'ev. Trudy VSGI, Ser. geol. no. 5: 163-177 '62.

KITOY VALLEY—GEOLOGY

Archean and Proterozoic contact in the Kitoy Valley (Eastern Sayan Mountains). IU. Z. Elizar'ev. Trudy VSGI, Ser. geol. no. 5: 152-162 '62.

KIY ISLAND—MONASTERIES

Monastery of the Holy Cross on Kiy Island. M. A. Il'in. Arkhit. nas. 14: 80-104 '62.

KIZEL', ALEKSANDR ROBERTOVICH, 1882-1948

Life and scientific activities of Professor A. R. Kizel', on his 80th birthday. V. L. Kretovich. Izv. AN SSSR. Ser. biol. 27 no. 4: 627-635 Jl-Ag '62.

KLADNO REGION, CZECHOSLOVAKIA—LABOR AND LABORING CLASSES

"The Kladno region, life and culture of the people of an industrial region" [in Czech] by Olga Skalnikova and others. Reviewed by N. Veletskaia. Sov. etn. no. 4: 212-215 Jl-Ag '62.

KLIN—CITY PLANNING

Reconstruction of the cities of Klin and Elektrostal'. I. Zakov, IA. Malakhov. Na strol. Ros. 3 no. 4: 14-15 Ap '62.

KLODT, PETR KARLOVICH, 1805-1867

Klodt, P. K. [Tamers of horses; sculptural groups] Ukrotiteli konei; skul'pturnye gruppy. Leningrad, Khudozhnik RSFSR, 1962. 13 p. plates.

KLOSSOVS'KYI, OLEKSANDR VIKENTIIOVICH, 1846-1917

O. V. Klossovs'kyi, an outstanding scientist, teacher and public leader. P. I. Kolisnyk. Geog. zhur. no 6: 189-195 '62

KNIPOVICH, NIKOLAI MIKHAILOVICH, 1862-1939

Centennial of N. M. Knipovich's birth (April 7, 1862-1962). A. A. Bulanovskaia. Izv. AN SSSR. Ser. biol. 27 no. 4 648-649 Jl-Ag '62.

KNIT GOODS—TESTING

Ways of increasing the resistance to abrasion of knit goods. Z. A. Torkunova. Tekst. prom. 22 no. 9 68-69 S '62.

KNITTING MACHINES

The KL-2 circular rib machine for tricot cuts for knitted outerwear. I. IU. Itgel', V. N. Khodoseva. Biul. tekh.-ekon. inform. Gos. nauch.-issl. inst. nauch. i tekh. inform. no. 9 52-53 '62.

Some types of patterns for warp-knit plaited cloth. A. A. Neshataev. Tekst. prom. 22 no. 9, 69-73 S '62.

KNOEVENAGEL REACTION

3-Quinuclidinone in the Knoevenagel reaction. E. E. Mikhlina, M. V. Rubtsov. Zhur. ob. khim. 32 no. 9 2935-2940 S '62.

KNOWLEDGE, THEORY OF

"The inquiring mind, an introduction to epistemology" [in English] by George Boas. Reviewed by I. P. Nikitin. Nauch. dokl. vys. shkoly, filos. nauki 5 no. 4 120-122 '62.

"Materialist ideology and the theory of knowledge of Russian revolutionary democrats" by I. K. Pantin. Reviewed by A. I. Volodin. Vop. filos. 16 no. 9:180-183 '62.

The problem of direct knowledge in Hegel's philosophy [with summary in English, p. 186]. V. G. Asmus. Vop. filos. 16 no. 9:112-120 '62.

KOBRIN—ORPHANS AND ORPHANAGES

A preschool children's home in Kobrin. Nar. asv. no. 9 72 S '62.

KOBRIN DISTRICT—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

We show the party members the results of exemplary work. A. Kuz'menkov. Komm. Bel. 36 no. 9 45-47 S '62.

KOBYSTAN—GEOLOGY, STRATIGRAPHIC

Correlating cross sections of the producing formation in the Apsheron Peninsula and southeastern Kobystan. G. A. Akhmedov and others. Uch. zap. AGU. Geol.-geog. ser. no. 4 81-86 '60.

KOCHKORKA DISTRICT—ECONOMIC GEOGRAPHY

Kochkorka District, Tien Shan Province, concise economic and geographical study. N. Dzhembaev. Izv. AN Kir. SSR. Ser. est. i tekh. nauk 3 no. 5 69-79 '61.

KOKCHETAV—INSTRUMENT INDUSTRY—TECHNOLOGICAL INNOVATIONS

Machine designers and production. V. Orlov. Nar. khoz. Kazakh. 20 no. 8:68-70 Ag '62.

KOKCHETAV PROVINCE—POLITICS AND GOVERNMENT

Come to see us in Aleksandrovka. N. Ismagulova. Sov. deput. trud. no. 10, 31-33 O '62.

KOKOSHINSKAIA, BRONISLAVA SIGIZMUNDOVNA, 1897-1958

In memory of B. S. Kokoshinskaia. O. S. Vialov, S. I. Pasternak. Paleont. sbor. [Lvov] no. 1, 157-158 '61.

KOLA PENINSULA—ASCARIDS AND ASCARIASIS

Epidemiology of ascariasis in the Kola Peninsula [with summary in English]. V. D. Blinov. Med. parazit. i parazit. bol. no. 3 308-311 '62.

KOLA PENINSULA—HARZBURGITE

Sulfide olivinites and harzburgites of the Allarechensk nickel-bearing intrusive (Kola Peninsula). N. A. Kornilov. Dokl. AN SSSR 146 no. 1:199-202 S '62.

KOLA PENINSULA—OLIVINITES

Sulfide olivinites and harzburgites of the Allarechensk nickel-bearing intrusive (Kola Peninsula). N. A. Kornilov. Dokl. AN SSSR 146 no. 1:199-202 S '62.

KOLA PENINSULA—PARAGENESIS

Linear parageneses of the main rock-forming elements of alkaline rocks of the central part of the Kola Peninsula. IU. V. Pedolitskii. Dokl. AN SSSR 146 no. 2 443-446 S '62.

KOLAS, IAKUB, pseud. see Mitskevich, Konstantin Mikhailovich, 1882-1956

KOLKHOZES see Collective farms

KOLODUB, GEORGII KONSTANTINOVICH

G. K. Kolodub, a mine director. B. Semenov. Nar. khoz. Kazakh. 20 no. 8:61-64 Ag '62.

KOLOMIITSEVA, TAMARA ALEKSANDROVNA

Tamara Aleksandrovna Kolomiitseva. Med. sestra 21 no. 9:52 S '62.

KOLOMNA—ANTIQUITIES

The problem of restoring the court of Ivan the Terrible in Kolomna. M. G. Miloslavskii. Arkhit. nas. 11 211-212 '62.

KOLOMNA—DIESEL LOCOMOTIVES—TECHNOLOGICAL INNOVATIONS

True friends of a plant. L. Kruglov. NTO 4 no. 10:18-19 O '62.

KOLYMA VALLEY—TRILOBITES

New Early Ordovician genus of the subfamily Hystricurinae from the Kolyma basin. M. N. Chugaeva. Paleont. zhur. no. 4 61-64 '62.

KOMODO—LIZARDS

The dragon of Komodo Island. I. Maleev. Nov. vremia 20 no. 42 24-26 O '62.

KOMSOMOLSK-ON-AMUR—COMMUNIST YOUTH LEAGUE

Komsomolsk-on-Amur is thirty years old. Mol. komm. no. 6:19 Je '62.

KOMSOMOL'SKOYE—MINE HAULAGE

Truck haulage at the "Dal'nii" mine of the "Kaz'akugol'" Mine Administration." A. V. Anikeev, N. A. Vasil'kovskii. Met. i gornorud. prom. no. 4 56-59 Jl-Ag '62.

KONAKOVO—CITY PLANNING

Experimental settlement at the Konakovo State Regional Electric Power Plant. S. Prokhorov. Na stroi. Ros. 3 no. 5:3-5 My '62.

KONCHOZERO, LAKE—PARASITES—FISHES

Changes in the parasite fauna of fishes in Lake Pertozero and Konchozero during a long period of time. S. S. Shul'man, V. T. Rybak. Trudy Kar. fil. AN SSSR no. 30:21-54 '61.

Seasonal changes in the parasite fauna of some freshwater fishes of Karelian lakes (Konchozero). R. P. Malakhova. Trudy Kar. fil. AN SSSR no. 10 51-78 '61.

KONCHOZERO REGION—MOLLUSKS AS CARRIERS OF DISEASE

Terrestrial mollusks in the vicinity of the village of Konchozero and their role in spreading Müller's larvae. V. I. Rybak. Trudy Kar. fil. AN SSSR no. 30:92-96 '61.

KONCHOZERO REGION—NEMATODA

Terrestrial mollusks in the vicinity of the village of Konchozero and their role in spreading Müller's larvae. V. T. Rybak. Trudy Kar. fil. AN SSSR no. 10 92-96 '61.

KONDA VALLEY (CHITA PROVINCE)—GEOLOGY

Pre-Cambrian crystalline complex of the Syul'ban-Konda interfluve (Olekma-Vitim mountain area). A. M. Leites. Trudy VSGI Ser. geol. no. 5 201-220 '62.

KONDAKOV, VADIM VSEVOLODOVICH, 1906-1962

Vadim Vsevolodovich Kondakov, an obituary. Izv. vys. ucheb. zav., chern. met. 5 no. 8 207-208 '62.

KONOPNICKA, MARIA, 1842-1910

In memory of Maria Konopnicka. V. II Latanskyi. Rad. lit. 6 no. 5:157 S-O '62.

KONSTANTIN KONSTANTINOVICH, GRAND DUKE, 1858-1915

Gering, A. A., ed. [Collection in memory of Grand Duke Konstantin Konstantinovich, poet K. R.] Sbornik pamiati Velikogo Kniazia Konstantina Konstantinovicha, poeta K. R. Paris, Izd. Soveta obshche-kadetskikh ob"edinenii za rubezhom, 1962. 141 p.

KOPANKA (BENDERY DISTRICT)—TUBERCULOSIS—PREVENTION

Antituberculosis work in a rural medical district, according to materials from the rural medical district of Kopanka, Bendery District. Sb. I. Mil'man, M. A. Burlachenko. Zdravookhranenie 5 no. 1, 11-11 Jl-Ag '62.

KOPET-DAG—ALFALFA

Phenology of annual alfalfas of the western Kopet-Dag under natural conditions and in cultivation. T. N. Ul'ianova. Sbor. trud. asp. i mol. nauch. sotr. VIR no. 1:158-164 '60.

KOPET-DAG—PISTACHIO

Pistachios of the southwestern Kopet-Dag. E. A. Klimshkin. Izv. AN Turk. SSR, Ser. biol. nauk no. 3:14-20 '62.

KOREA—HISTORY

Glorious anniversary in the life of Korean people. Az. i Afr. segs. no. 9:53 S '62.

KOREA—MEGALITHIC MONUMENTS

The Korean megalithic culture [with summary in English]. To Yu-ho. Sov. etn. no. 4:84-92 Jl-Ag '62.

KOREA—ORE DEPOSITS

Association of mineralization with intrusions in the central part of the Korean Peninsula. V. G. Sevast'ianov. Sov. geol. 5 no. 8:48-61 Ag '62.

KOREA—ROCKS, IGNEOUS

Association of mineralization with intrusions in the central part of the Korean Peninsula. V. G. Sevast'ianov. Sov. geol. 5 no. 8:48-61 Ag '62.

KOREA, SOUTH—POLITICS AND GOVERNMENT

South Korea in the grip of military dictatorship. Yu. Belyaev. Mol. mira no. 7 12-14 '61.

KORELICHI DISTRICT—SCHOOL EXCURSIONS

Useful and pleasant hikes. U. Urbanovich. Nar. asv. no. 6 73-77 Je '62.

KORF, MODEST ANDREEVICH, 1800-1876

Russian "official" historiography of the 19th century, critical evaluation of M. Korf's historical views. A. I. Pantsov. Uch. zap. OGU 41 no. 4:190-119 '60.

KORIN, PAVEL DMITRIEVICH, 1892-

Pavel Korin on his seventieth birthday. S. Dmitrichin. Iskusstvo 25 no. 7 6-11 '62.

KOROBOV, PAVEL IVANOVICH, 1902-

Sixtieth birthday anniversary. Metallurg 7 no. 8:36 Ag. '62.

KOROLENKO, VLADIMIR GALAKTIONOVICH, 1853-1921

V. G. Korolenko's experience as an editor. B. D. Letov. Knigi i issl. i mat. 6 192-212 '62.

KOROVIN, EVGENII ALEKSANDROVICH, 1892-

E. A. Korovin, on his 70th birthday and the 47th anniversary of his theoretical studies and educational work. Sov. gos. i pravo 32 no. 10 138 O '62.

KOSHEKHABL' DISTRICT—AGRICULTURAL ADMINISTRATION

To guide means to teach and help. A. Kosharnikov. Sov. deput. trud. no. 10:14-19 O '62.

KOSOV (UKRAINE)—LEAVES, FOSSIL

Miocene flora of Kosov in the Ciscarpathian region [with summary in English, p. 175]. I. A. Pinskaia, N. IA. Shvareva. Paleont. sbor. [Lvov] no. 1 137-148 '61.

KOSTROMA—CHURCH ARCHITECTURE—DETAILS

Tile frieze of the Church of the Trinity in Kostroma. R. L. Rozenfel'dt. Sov. arkheol. 6 no. 3:252-259 '62.

KOSTROMA—COMMUNIST YOUTH LEAGUE

Our groups improve their work while carrying out their important assignments. V. I. Ilipov. Komsom. zhizn' no. 15:15-17 Ag '62.

KOSTROMA—FINANCE

Our modest contribution. I. Sukhanova. Fin. SSSR 24 no. 9:76 S '62.

KOSTROMA—PENSIONERS—EMPLOYMENT

Our modest contribution. I. Sukhanova. Fin. SSSR 24 no. 9:76 S '62.

KOSTROMA—TILES

Tile frieze of the Church of the Trinity in Kostroma. R. L. Rozenfel'dt. Sov. arkheol. 6 no. 3 252-259 '62.

KOSTROMA PROVINCE—DAIRYING—HYGIENIC ASPECTS

Campaign for sanitary culture on dairy farms. M. Davydova. Gig. i san. 26 no. 12 62-65 D '61.

KOTLIAREVS'KYI, IVAN, 1769-1838

Publications of the I. P. Kotliarevs'kyi Museum in Poltava. P. P. Rotach. Rad. lit. 6 no. 5:153-154 S-O '62.

KOTOVSKOYE DISTRICT—CORN (MAIZE)—FERTILIZERS AND MANURES

Effect of fertilizing on corn yields in eroded soils. I. S. Konstantinov. Vop. eroz. i pov. prod. sklon. zem. Mold. 1:60-67 '61.

KOTOVSKOYE DISTRICT—EROSION

Effect of fertilizing on corn yields in eroded soils. I. S. Konstantinov. Vop. eroz. i pov. prod. sklon. zem. Mold. 1:60-67 '61.

KOTSOVSKII, ANATOLII DMITRIEVICH, 1864-1937

Philosophical views of A. D. Kotsovskii. A. I. Babii. Izv. AN Mold. SSR no. 1:47-52 '62.

KOTUY VALLEY—LANDFORMS

Time of the relief formation in the Kotuy-Maymecha interfluve. V. P. Safronov. Trudy NIIGA 121:130-131 '62.

KOTUY VALLEY—ROCKS, IGNEOUS

Alkali and alkali-ultrabasic rocks of the Sedete intrusion (Maymecha-Kotuy region). K. M. Shikhorina. Trudy NIIGA 121:166-195 '62.

KOTZEBUE, OTTO VON, 1787-1846

Zoological studies of A. Chamisso and J. Fr. Eschscholtz during O. von Kotzebue's voyage around the world on the "Rurik" (1815-1818). P. A. Novikov. Trudy Inst. ist. est. i tekh. 40:240-282 '62.

KOUNRAD REGION—GRANITE

Alterations of the composition during the greisenization of granites in the Kounrad massif. F. V. Chukhrov, L. B. Shlain. Izv. AN SSSR, Ser. geol. 27 no. 9:27-47 S '62.

KOUNRAD REGION—GREISEN

Alterations of the composition during the greisenization of granites in the Kounrad massif. F. V Chukhrov, L B Shlain. Izv. AN SSSR. Ser geol. 27 no 9 27-47 S '62.

KOVALEVSKII, ALEKSANDR ONUFRIEVICH, 1840-1901

Concerning the formation of evolutionary ideas of A. O. Kovalevskii. E. N. Mirzoian. Trudy Inst. ist. est. i tekh. 40,283-291 '62.

KRAL', JANKO, 1822-1876

Slovak romantic poetry and the works of Janko Kral' I. A. Bogdanova Lit slav nat. no 7 11-72 '62

KRASNODAR—HYDROLYSIS

Improving hydrolysis production I A. Krugov Gidroliz i lesokhim. prom. 15 no 6 26-27 '62

KRASNODAR—OIL INDUSTRIES

Work practices of the section for economic analysis. I. A. Kashelina. Masl.-zhir. prom. 28 no. 9:38-39 S '62.

KRASNODAR PROVINCE—CHERNOZEM SOILS—FERTILIZERS AND MANURES

Applying phosphotobacterin to leached Chernozem soils in Ciscaucasia. O. V. Enkina Vest. sel'khoz. nauki 7 no. 6:101-106 Je '62.

KRASNODAR TERRITORY—COMMUNITY AND SCHOOL

It is not enough to bring resolutions and give instructions. A. M. Petrov. Vech. sred. shkola 5 no. 3:35-37 My-Je '62.

KRASNODAR TERRITORY—FARM MECHANIZATION

Council in a field camp. P. Bondarenko Sov. profsoiuzy 18 no. 19 14-15 O '62

KRASNODAR TERRITORY—OIL WELL CEMENTING

Using cement slurries of the reduced specific gravity in fields of Krasnodar Territory. A. I. Bulatov and others. Neft khoz. 40 no. 5 21-25 My '62.

KRASNODAR TERRITORY—SEED POTATOES

Production of seed potatoes by spring planting. G. V. IAkovlev. Sbor. trud. asp. i mol. nauch. sotr. VIR no 1, 172-177 '60.

KRASNODAR TERRITORY—SPRINGS

Utilization of hot-spring water as a source of heat in cities, health resorts, and industrial enterprises of Krasnodar Territory. Issl. po mikroklim. nasel. mest i zdan. i po strot. fiz. no. 1:71-86 '62.

KRASNODAR TERRITORY—STATE FARMS

"Mikhailovskiy Pereval" state farm struggles for the carrying out of the decisions of the March (1962) Plenum of the Central Committee of the CPSU. V. P. Vishnevskii. Konsi. ov. prom. 17 no. 10:18-21 O '62.

KRASNODAR TERRITORY—TANGERINE—VARIETIES

Variety of forms of the tangerine Citrus unshiu in the subtropics of Krasnodar Territory. V. A. Glazyrin Sbor. trud. asp. i mol. nauch. sotr. VIR no. 1:307-318 '60.

KRASNODAR TERRITORY—TEA

Frost resistance of generative organs of the tea plant. V. A. Chorevatenko. Sbor. trud. asp. i mol. nauch. sotr VIR no. 1:402-405 '60.

KRASNOPOL'YE DISTRICT—MOTION-PICTURE PROJECTION

Never-ending trips. V. Kavalion. Rab i sial 38 no. 9: 7 S '62.

KRASNOYARSK—ADULT EDUCATION

Without outside help. D. Zinevich. Agitator no. 20:46 O '62.

KRASNOYARSK—BRIDGES, CONCRETE—TESTING

Experimental studies of an arch bridge over the Yanisey. E. V. Povalinev Bet. i zhel.-bet. 8 no. 8:343-346 Ag '62.

KRASNOYARSK—BUILDING—DETAILS

Experience in manufacturing elements for large-panel buildings in series 1-335. G. Leonov. Na strot. Ros. 3 no. 4:25-26 Ap '62.

KRASNOYARSK—INSURANCE, SOCIAL—EMPLOYEES

Word from the people of Krasnoyarsk. P. Mitnikov. Sots. obesp. 23 no. 7:16-19 Jl '62.

KRASNOYARSK—PRECAST CONCRETE

Plant producing precast concrete for industrial construction. O. Efremenko. Na strot. Ros. 3 no. 4:22 Ap '62.

KRASNOYARSK REGION—PALEOBOTANY, STRATIGRAPHIC

Materials on the study of the Middle Jurassic flora in the surroundings of Krasnoyarsk. IU. V. Teslenko. Trudy SNIIGGIMS no. 8:144-159 '60.

KRASNOYARSK TERRITORY—CONCRETE WALLS

Three-layer wall panels for industrial buildings. N. Gusak. Na strot. Ros. 3 no. 4:23 Ap '62.

KRASNOYARSK TERRITORY—CONSTRUCTION INDUSTRY

Industrial construction should be done at a fast rate. M Vorobievskii. Na strot. Ros. 3 no. 1:16-18 Ap '62

There should be a single control of mechanization K. Riashin. Na strot Ros 3 no 4:18-19 Ap '62

KRASNOYARSK TERRITORY—ECONOMIC CONDITIONS

Zubkov, A. I., and B. B Gorizontov. [Land of the great future, development of industry in Krasnoyarsk Territory] Krai velikogo budushchego, razvitie promyshlennosti Krasnoiarskogo kraia. [Krasnoiarsk] Krasnoiarskoe knizhnoe izd-vo, 1959. 143 p. (NNC)

KRASNOYARSK TERRITORY—STRIP MINING—COLD WEATHER OPERATIONS

Annual rate of strip-mining operations. G. I Skoblo, P. I. Slobodchikov. Gor. zhur. no. 9:14-16 S '62.

KRASNOYARSK TERRITORY—TRUSSES

Package method of manufacturing elements B. Pokrovskii. Na strot. Ros. 3 no. 4:24 Ap '62

KRESOL see Cresol

KRICHEV DISTRICT—RURAL LIBRARIES

A rural librarian I. Katouski. Rab. i sial 38 no 9:11 S '62

KRIVOY ROG—IRON MINES AND MINING—TECHNOLOGICAL INNOVATIONS

Economic efficiency of over-all mechanization and automation in the Krivoy Rog mines. M. Orel. Ekon. Rad. Ukr. no. 5:77-81 S-O '62.

KRIVOY ROG BASIN—AMPHIBOLE

Alteration of alkali amphibole in the rocks of the Krivoy Rog series. B. IE. Kuman. Geol zhur. 22 no. 4:100-103 '62.

KRIVOY ROG BASIN—BLASTING

New method of short-delay blasting in underground mining of ores. G. M. Malakhov and others. Gor. zhur. no. 9:37-41 S '62.

Safe distance from blasting in open pits B. E. Gordon. Gor. zhur. no. 9:22-25 S '62.

Ways of lowering the seismic action of large-scale blasts in a pit of the Central Ore Dressing Combine. Gor. zhur. no. 9:72 S '62.

KRIVOY ROG BASIN—HORNBLENDE

Composition, structure, and enrichment of ferruginous minerals of hornblendes in the Skelevatyy magnetite deposit of the Krivoy Rog Basin B. I. Pirogov Sov geol 5 no. 8:122-131 Ag '62

KRIVOY ROG BASIN—IRON MINES AND MINING

Large-scale blasting in the sublevel caving system with breaking of the ore through deep holes at the Dzerzhinskii mine. V. V Nesterenko, D. D Kornienko, B. I. Al'brut Met. i gornorud prom. no. 3:46-50 My-Je '62.

KRIVOY ROG BASIN—IRON MINES AND MINING—LABOR PRODUCTIVITY

Increasing labor productivity at the Kirov mine. N. IA Gunbin, V. M. Vekselman. Met. i gornorud. prom. no 3 43-46 My-Je '62.

KRIVOY ROG BASIN—MAGNETITE

Composition, structure, and enrichment of ferruginous minerals of hornblendes in the Skelevatyy magnetite deposit of the Krivoy Rog Basin. B. I. Pirogov Sov geol 5 no. 8:122-134 Ag '62.

KRIVOY ROG BASIN—MINE HOISTING

Analysis of the performance of auxiliary mine hoists in the Krivoy Rog Basin. I. L. Skakun, V. S. Petrichenko Gor. zhur. no. 9:47-49 S '62.

Static calculation of two-panel, single-stage, side disk of the moving body of a multirope hoist cage. A. A. IAikin. Gor. zhur. no. 9:73-74 S '62.

KRIVOY ROG BASIN—MINE ROOF BOLTING

Use of roof bolting in the Krivoy Rog Basin. A. F Kovalev and others. Met. i gornorud. prom. no 3. 53-58 My-Je '62.

KRIVOY ROG BASIN—MINING ENGINEERING

Basic problems in developing an underground mining system with mass caving as exemplified by Krivoy Rog Basin mines. D. R. Kaplunov, G. S. Kirichenko. Nauch. soob. IGD 12:11-23 '61.

Efficient work technology in the construction of underground bunkers in the Krivoy Rog Basin. S. B. Gordon, I. S. Elisavetskaia, V. L. Butenko. Shakht. strot. 6 no. 9:8-13 S '62.

KRIVOY ROG BASIN—PRECAST CONCRETE

Reinforced concrete elements for mining and ore dressing combines of the Krivoy Rog Basin. N. Titarenko, M. Kabanov. Prom. strot. i inzh. soor. 4 no. 4:4-10 Jl-Ag '62.

KRONSTADT—REVOLUTION, 1917-1921

Kronstadt, a fortress of Bolshevism, 1917. A. S. Pukhov. Sbor. dokl. Voen. ist. sek. no. 3:3-26 '60.

KRUPSKAIA, NADEZHDA KONSTANTINOVNA, 1869-1939

"Problems of atheistic education," by N K Krupskaia. Reviewed by S. Kogan Nar obr. no 8 121-122 Ag '62

KRYLOV, IVAN ANDREEVICH, 1768-1844

"Wolf in the kennel," M E Andrianova Nach shkola 30 no 8 78-80 Ag '62

KRYMSK DISTRICT—COMMUNIST YOUTH LEAGUE

They will carry out their promise. N. Golub', Komsom. zhizn' no. 15 9 Ag '62.

KRYZHINA RANGE—GLACIERS

New glaciers of the Kryzhina Range. O A. Bogatikov. Priroda 51 no. 8 109-110 Ag '62.

KUBA DISTRICT—ENCYRTIDAE

Zeteticontus planiscutellum Merc., a new species of Encyrtidae (Hymenoptera, Chalcidoidea) in the U.S.S.R. V. A. Triapitsyn, L. M. Rzaeva. Izv. AN Azerb. SSR. Ser. biol. i med. nauk no 5 35-38 '62

KUBAN—FARM MECHANIZATION

Results of a scientific economic experiment. A. Urkaev. Vop ekon. no. 9 139-142 S '62.

KUBAN—OIL SANDS

Zonation of water-bearing and oil-saturated fractured carbonate reservoirs in Miocene sediments of the western Kuban. E. M. Us. Geol. nefti i gaza 6 no. 8 40-43 Ag '62.

KUBAN—OIL WELL CEMENTING

Industrial use of slag-sand cement in cementing deep wells in the Kuban. A. I. Bulatov, I. A Karmanov. Trudy KF VNII no. 9:50-55 '62.

KUBAN—OIL WELL DRILLING

Generalization of some problems of deep drilling practices in the Kuban. G. A. Kovtunov, N. A. Sidorov. Trudy KF VNII no. 9:3-11 '62.

KUBAN—OIL WELLS—HYDRAULIC FRACTURING

Economic effectiveness of hydraulic fracturing of strata in oil fields of the Kuban. I. M. Alekhin. Trudy KI VNII no. 9:151-165 '62.

KUBAN—SORGHUM

Characteristics of the growth and development of sorgo in the Kuban in 1959. B. N. Malinovskaia. Sbor trud asp. i mol nauch. sotr. VIR no. 1:128-135 '60.

KUBAN—WATER—POLLUTION

Problem of "relatively clean" sewage of sugar mills. L. I. Ponomarenko and others. Gig. i san. 26 no. 12: 66-68 D '61.

KUBAN-AZOV LOWLAND—GASES IN ROCKS

Studying the character of the potentials of natural polarization in carbonate-clay reservoir rocks of the Miocene in the Kuban-Azov Lowland. T. S Isotova. Geol zhur. 22 no. 4:83-89 '62.

KUBAN-AZOV LOWLAND—OIL SANDS

Studying the character of the potentials of natural polarization in carbonate-clay reservoir rocks of the Miocene in the Kuban-Azov Lowland. T. S. Isotova Geol zhur. 22 no. 4:83-89 '62.

KUBAN VALLEY—RUNOFF

Construction of supply curves of the daily discharges of unstudied mountain rivers during the growing season. G. D. Chikvaidze. Meteor. i gidrol. no. 10:40-43 O '62.

KUGITANG-TAU—DARKLING BEETLES

A new subfamily of darkling beetles (Coleoptera, Tenebrionidae from Turkmenia [with summary in English] G. S. Medvedev. Zool. zhur. 41 no. 8 1184-1189 Ag '62.

KUKA (CHITA PROVINCE)—MINERAL WATERS

Stomach secretion during the action of Kuka health resort mineral water. V. L. IAroslavtsev. Vop. kur., fizioter. i lech. fiz. kult. 27 no. 3:224-230 My-Je '62.

KUL'DUR—HEALTH RESORTS, WATERING PLACES, ETC.

Course of hypertension at Kul'dur health resort. P. IA. Grigor'ev, V. M. Plastunov. Vop. kur., fizioter. i lech. fiz. kult. 27 no. 3:246-251 My-Je '62.

KUL'DUR VALLEY—GEYSERS

Hot springs of the Kul'dur Valley. N. M. Bogatkov. Sov. geol. 5 no. 8:157-161 Ag '62.

KULIASHOU, ARKADZ' ALIAKSANDRAVICH, 1914-

"Poetry of Arkadz' Kuliashou" by Hanna Ihnatenko. Reviewed by G. Berezkin Vop. lit 6 no. 9 216-218 S '62

KULIKOVO, BATTLE OF, 1380

Legend of the Battle of Kulikovo; establishing the date of the literary landmark. N. V. Vodovozov. Uch. zap. MGPI 178:36-52 '62.

KULUNDA STEPPE—GEOLOGY

Materials on geology and geomorphology of the Kulunda Steppe; experience in interpreting geophysical data. Z. Kh. Telikova. Trudy SNIIGGIMS no. 17:93-98 '61.

KULUNDA STEPPE—GEOMORPHOLOGY
Materials on geology and geomorphology of the Kulunda Steppe; experience in interpreting geophysical data. Z. Kh. Telliakova. Trudy SNIIGGIMS no 17 93-98 '61

KULUNDA STEPPE—IRRIGATION
Box under an umbrella. R. Podol'nyi Znan.-sila 37 no.6:11-12 Je '62

KUM-DAG REGION—PETROLOGY
Petrographic correlatives of Pliocene sediments in the Kum-Dag deposit (southwestern Turkmenistan)
K Tegelekov Uch zap AGU Geol -geog ser no 6 61-66 '59

KUMA VALLEY—POPLAR
A promising species of poplar A I Poliakova. Priroda 51 no. 6,119 Ag '62.

KUNLUN—LANDFORMS
"The Kunlun and the Tarim," edited by E. M. Murzaev, Chshou Li-sang. Reviewed by V. M. Sinitsyn Izv Vses. geog. ob-va 94 no. 4:354-356 Jl-Ag '62.

KUPALA, IANKA, pseud see Lutsevich, Ivan Domin-kovich, 1882-1942

KUPRIN, ALEKSANDR IVANOVICH, 1870-1938
On the screen, a story by Kuprin. M. Sul'kin Nauka i rel. no. 9:88-89 S '62.

Two conclusions for one theme; on the story "Light gray with blue" by Gor'kii and the story by Kuprin "In the family manner." L. D. Nikol'skaia. Trudy UzGU no. 112:101-109 '61.

Volkov, A. A. [Work of A. I. Kuprin] Tvorchestvo A. I. Kuprina Moskva, Sovetskii pisatel', 1962, 430 p.

KURA-ARAKS LOWLAND see Kura-Aras Lowland

KURA-ARAS LOWLAND—HUMUS
Nature of the organic matter of some soils of the Kura-Aras Lowland of the Azerbaijan S. S. R. D. V. Khan, T. A. Rudneva. Izv. AN Azerb. SSR, Ser. biol. i med. nauk no. 3:85-92 '62.

KURA-ARAS LOWLAND—SALINE AND ALKALI SOILS
Akademiia nauk SSSR. Pochvennyi institut imeni V. V. Dokuchaeva. [Land improvement in the Kura-Aras Lowland] Meliorativnie pochv Kura-Araksinskoi nizmennosti. Moskva, Izd-vo Akad. nauk SSSR, 1962, 243 p. (DNAL)

KURA LOWLAND—ECONOMIC GEOGRAPHY
Characteristics of the Shirvan Steppe from the point of view of economic geography O A. Vagapov. Uch. zap AGU Geol -geog. ser no. 6 103-110 '59.

KURA VALLEY—GEOLOGY, STRATIGRAPHIC
Stratigraphy of Lower and Middle Sarmatian sediments in the Molladag area (Kura-Iori interfluve) based on data on fauna and spore-pollen analysis Report 1. A V Mamedov, Kh S Dzhabarova Uch. zap AGU. Geol -geog ser no. 4:47-55 '60

KURA VALLEY—GEOLOGY, STRUCTURAL
Tectonic pattern of the Kura-Iori interfluve as reflected in modern relief M A Museibov Uch. zap AGU. Geol.-geog ser no 4 39-45 '60.

KURA VALLEY—MOLLUSKS
Distribution and biology of the freshwater mollusks Radix auricularis (L) and Galba truncatula (Mull.) in Azerbaijan [in Azerbaijani with summary in Russian]. A. D. Aliev. Izv. AN Azerb. SSR. Ser. biol. i med. nauk no. 5. 29-33 '62.

KURGAN PROVINCE—AGRICULTURAL ADMINISTRATION
Feeling the pulse of life N Neupokoev. Sov profsoiuzy 18 no. 19 4-7 O '62

KURGAN PROVINCE—TECHNOLOGICAL INNOVATIONS
In the Council of Innovators of Kurgan. I. M. Prudnikov. Mashinostroitel' no. 9:5 S '62.

KURGAN PROVINCE—TRADE UNIONS—OFFICERS
Feeling the pulse of life. N. Neupokoev. Sov. profsoiuzy 18 no. 19 4-7 O '62.

KURILE ISLANDS—FISHERIES—ECONOMIC ASPECTS
More attention to the economic aspects in fishery enterprises. G Chernivskii. Ryb. khoz. 38 no 8. 78-81 '62.

KURSK—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK
They are trying to eliminate all shortcomings. A. Svinarenko. Part. zhizn' no. 20:32-36 O '62.

KURSK MAGNETIC ANOMALY—IRON MINES AND MINING
Practice of using a flat bottom in a mine of the Kursk Magnetic Anomaly. M. I. Agoshkov and others. Gor. zhur. no. 9:28-31 S '62.

Problems in utilizing the wealth of the Kursk Magnetic Anomaly. L. D. Shevlakov, G. I. Man'kovskii. Gor. zhur. no. 9:3-9 S '62.

KURSK MAGNETIC ANOMALY—IRON ORES
Connection between anomalies with weak intensity and high-grade iron ores of the Kursk Magnetic Anomaly. V. I. Pavlovskii, I. A. Zhavoronkin. Geofiz. razved. no. 9:45-51 '62.

"Kursk magnetic anomaly" by L. D. Shevlakov, G. I. Man'kovskii. Book review. Priroda 51 no 8:13 Ag '62

KURSK MAGNETIC ANOMALY—MINING ENGINEERING
Reply to A. I. Churikov's article "Upraise mining by means of sectional blasting of deep holes in mines of the Kursk Magnetic Anomaly" B. G. Tregubov and others Gor. zhur. no 9 78-79 S '62.

KURSK MAGNETIC ANOMALY—STRIP MINING
Evaluation of the physicomechanical properties of rocks in order to calculate the stability of open-pit sides as exemplified in deposits of the Kursk Magnetic Anomaly. B. K Aleksandrov. Nauch. soob. IGD 12 84-93 '61.

KUSTANAY PROVINCE—EROSION
Information on the erosion of soils by wind in Fedorovka and Tarnovskiy Districts, Kustanay Province P. S. Sadovskii. Vest sel'khoz. nauki [Kazakh.] 5 no 7 32-43 Jl '62

KUSTANAY PROVINCE—IRON MINES AND MINING
Mel'nikov, N. V., K. E. Vinitskii, and M. G. Potapov. [Principles of the continuous process of open-pit ore mining; developing the iron-ore deposits of Kustanay Province] Osnovy potochnoi tekhnologii otkrytoi razrabotki mestorozhdenii, osvoenie zhelezorudnykh mestorozhdenii Kustanaia. Moskva, Izd-vo Akad. nauk SSSR, 1962. 174 p.

KUSTANAY PROVINCE—MINING ENGINEERING
[Progressive practice in working medium-thick ore bodies of the Sokolovka deposit] Peredovoi opyt razrabotki rudnykh tel srednei moshchnosti Sokolinogo mestorozhdenila. [By] K. G. Galiuzhanov i dr. Alma-Ata, TSentr. in-t nauchno-tekhn informatsii, 1962. 74 p

KUUSIK, TIIT
Tiit Kuusik Elena Kurbatova Teatr 23 no 8 115-117 Ag '62

KUYBYSHEV PROVINCE—COMMUNIST PARTY OF THE SOVIET UNION
Alekseev, V. G. [Samara Province Party organization in the struggle for the reconstruction of the national economy, 1921-1925] Partiinaia organizatsiia Samarskoi gubernii v bor'be za vosstanovlenie narodnogo khoziaistva, 1921-1925 gg. [Kuibyshev] Kuibyshevskoe knizhnoe izd-vo, 1961. 83 p. (Iz istorii Kuibyshevskoi organizatsii KPSS)
(CSt-H)

KUYBYSHEV PROVINCE—CONSTRUCTION INDUSTRY—LABOR PRODUCTIVITY
Beloserkovskii, I. G., M. G. Chentemirov, and P. P. Shumenkov. [New developments in planning labor in construction, practices of the Kuybyshev Economic Council] Novoe v planirovanii truda v stroitel'stve; opyt Kuibyshevskogo sovnarkhoza. Moskva, Gosstroiizdat, 1962. 57 p.

KUYBYSHEV PROVINCE—ECONOMIC CONDITIONS
Alekseev, V. G. [Samara Province Party organization in the struggle for the reconstruction of the nation economy, 1921-1925] Partiinaia organizatsiia Samarskoi gubernii v bor'be za vosstanovlenie narodnogo khoziaistva, 1921-1925 gg. [Kuibyshev] Kuibyshevskoe knizhnoe izd-vo, 1961. 83 p. (Iz istorii Kuibyshevskoi organizatsii KPSS)
(CSt-H)

KUYBYSHEV PROVINCE—FRESHWATER FLORA
Water plants in Kuybyshev Province. V. I. Matveev. Uch. zap. Kuib. gos. ped. inst. no. 35:41-45 '61.

KUYBYSHEV PROVINCE—GRAIN HANDLING
Volunteer Design and Technical Information Bureaus. L. Tesler. Muk.-elev. prom. 28 no. 7:24-25 Jl '62.

KUYBYSHEV PROVINCE—MACHINERY INDUSTRY—QUALITY CONTROL
New forms of the organization of technical control. A. Kumarin and others. Sots. trud 7 no. 9:79-85 S '62.

KUYBYSHEV PROVINCE—MICRO-ORGANISMS
Distribution of micro-organisms in the formation waters of the Volga Valley portion of Kuybyshev Province and adjacent areas [with summary in English]. V. L. Mekhtieva. Geokhimiia no. 8:707-710 '62.

KUYBYSHEV PROVINCE—MILITARY EDUCATION
Letters to the editor. S. Pianov, A. Plotnikov. Voen. znan. 38 no. 9:22 S '62.

KUYBYSHEV PROVINCE—OIL FIELD FLOODING
Comparing the estimated and actual water encroachment of the B_2 layer in the Zaborovskoye field. N K Provednikov. Nauch.-tekh. sbor. po dob nefti no 16,62-65 '62.

KUYBYSHEV PROVINCE—OIL RESERVOIR ENGINEERING
Oil recovery from the A_4 layer of the Pokrovka field. M. L. Surguchev, A. P. Morgunov. Geol. nefti i gaza 6 no. 8:13-16 Ag '62.

KUYBYSHEV PROVINCE—PALEOBOTANY, STRATIGRAPHIC
Historical stages of the development of the vegetative cover in the territory of the present trans-Volga region and the Samara Bend region. N. P. Denisenko. Uch. zap. Kuib. gos. ped. inst. no. 35:3-15 '61.

KUYBYSHEV PROVINCE—SEDGES
Sedges of Kuybyshev Province. M. G. Kirkoshenka. Uch. zap. Kuib. gos. ped. inst. no 35:33-39 '61

KUYBYSHEV PROVINCE—SILKWORMS
Silkworm culture in Kuybyshev Province. I. V. Pyl'nov Uch. zap. Kuib. gos. ped. inst no. 35,107-151 '61.

KUYBYSHEV PROVINCE—ULTRABASITE
Ultrabasic igneous rocks in the Pre-Cambrian basement of the Volga portion of Kuybyshev Province T. A. Lapinskaia, S. V. Bogdanova. Trudy MINKHIGP no 36: 51-66 '62.

KUYBYSHEV RESERVOIR—FISHES
Make better use of fish resources in reservoirs. A. V. Lukin Ryb khoz 38 no 8 28-29 '62

KUYBYSHEV RESERVOIR—PHYTOPLANKTON
Primary production of Kuybyshev Reservoir [with summary in English] M. A Salmanov, IU I. Sorokin. Izv. AN SSSR. Ser. biol. 27 no. 1 603-613 Jl-Ag '62.

KUWAIT—DESCRIPTION AND TRAVEL
Gold of Kuwait. J. Hanzelka, M. Zikmund. Vokrug sveta no. 8 33-36 Ag '62.

KUZNETSK ALA-TAU—GABBRO
Alkali gabbroid rocks in the eastern slope of the Kuznetsk Ala-Tau. V. V. Zhdanov, E. K Stankevich. Trudy VSEGEI 79:133-154 '62.

KUZNETSK ALA-TAU—NEPHELITE
Nephelinization as revealed by the studies of the urtite massif in the Kuznetsk Ala-Tau. E. D Andreeva Trudy IGEM no 76:81-98 '62

KUZNETSK ALA-TAU—URTITE
Nephelinization as revealed by the studies of the urtite massif in the Kuznetsk Ala-Tau. E. D Andreeva. Trudy IGEM no 76:81-98 '62.

KUZNETSK BASIN—COAL GEOLOGY
Evaluation of the outlook for coking coals in the Kuznetsk Basin I. M Pakh, V. V Ponomarev Razved. i okh nedr 28 no 9 35-41 S '62

KUZNETSK BASIN—COAL MINERS
Communist-made people. I. Zekov. Sov shakht. 11 no 9:18-19 S '62.

KUZNETSK BASIN—COAL MINES AND MINING
Great tasks ahead. V. Nikitin Sov shakht. 11 no 9:5-6 S '62.

Nyrkov, S. V., S. A. Mekkel', and M. L. Tarasenko. [Advanced technology of the Kuznetsk Basin mines and its efficient utilization; on the practice of mines working flat and inclined seams] Peredovaia tekhnika na shakhtakh Kuzbassa i voprosy ee ratsional'nogo ispol'zovaniia, po dannym o rabote shakht, razrabatyvaiushchikh pologie i naklonnye plasty. [Novosibirsk] Novosibirskoe knizhnoe izd-vo, 1958. 95 p. (ICMILC)

Profit instead of subsidy I. Algazin Sov shakht 11 no 9 15-16 S '62

Recent developments in working steep seams A Shirokov. Sov shakht 11 no. 9 13-15 S '62.

Shattering of coal in mining using borehole charges in Kuznetsk Basin mines. A. P. Shirokov Vzryv. delo no. 50/7:176-184 '62.

KUZNETSK BASIN—COAL MINES AND MINING—COSTS
Productive and cheap P. Kovachevich. Sov. shakht 11 no. 9 7-8 S '62.

KUZNETSK BASIN—COAL MINES AND MINING—EQUIPMENT AND SUPPLIES
A great force I Pintiukov. Sov shakht 11 no 9 22-24 S '62.

Underground "sawmills." S. Troshin Sov. shakht 11 no 9:26-27 S '62

KUZNETSK BASIN—COAL MINES AND MINING—LABOR PRODUCTIVITY
Kuznetsk Basin miners struggle to fulfill the seven-year plan. P. L Umnov. Ugol' 37 no. 8 10-13 Ag '62.

KUZNETSK BASIN—COAL PREPARATION
Kolladii, K. K. [Pneumatic coal preparation in the Kuznetsk Basin] Pnevmaticheskoe obogashchenie uglei v Kuznetskom basseine. Moskva, Gosgortekhizdat, 1960. 49 p.

KUZNETSK BASIN—CONVEYING MACHINERY
Always searching. A Gulfaev Sov. shakht, 11 no. 9: 21 S '62

KUZNETSK BASIN—CORDAITES
Foliation of Cordaites in the Kuznetsk Basin. S. V. Sukhov, O. A. Betekhtina. Trudy SNIIGGIMS no. 8: 130-133 '60.

KUZNETSK BASIN—HYDRAULIC MINING
Important trend of technical progress. V. Berdiugin. Sov. shakht 11 no. 9:9-10 S '62

Praise the mine foreman. V. Mikhailov. Sov. shakht. 11 no. 9.17 S '62.

KUZNETSK BASIN—MINE DUSTS

This cloud will disappear. A. Gulisov. Sov. shakht. 11 no. 10:13 O '62.

KUZNETSK BASIN—MINE VENTILATION

Ventilation features in hydraulic sections of Kuznetsk Basin mines. A. A. Miasnikov. Izv. vys. uch. zav., gor. zhur. 5 no. 6:37-42 '62.

KUZNETSK BASIN—OIL SANDS

Reservoir properties of sandstones in Upper Paleozoic sediments of the Kuznetsk Basin. O. G. Zhero. Trudy SNIIGGIMS no. 17:113-112 '61.

KUZNETSK BASIN—OSTRACODA, FOSSIL

Materials on the study of ostracods of coal-bearing sediments in the Upper Paleozoic of the Kuznetsk Basin. M. A. Reshetnikova. Trudy SNIIGGIMS no. 8:134-113 '60.

KUZNETSK BASIN—REGIONAL PLANNING

District planning in the Kuznetsk Basin. V. Gugel', E. Perisik. Nauka i zhizn. Ros. 3 no. 5:11-13 My '62.

KYZAN REGION—ROCKS, SEDIMENTARY

Lithology of Permotriassic sediments in the Kyzan area of the Buzachi Peninsula. Trudy MINKHIGP no. 38. 110-121 '62.

LABOR, COMPLICATED

Labor involving giant fetuses. V. L. Lapidus. Vop. okh. mat. i det. 7 no. 8:53-57 Ag '62.

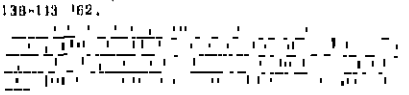
LABOR AND LABORING CLASSES
(see also subdivision under Africa; Asia, Brazil, Donets Basin, Great Britain, Japan, Karelia, Kladno region, Czechoslovakia; United States, Ural Mountain region)

Antimilitarist action of workers in the autumn of 1912 and the Basel Congress. I. M. Krivogur. Vop. ist. KPSS 6 no. 5:79-96 '62.

Babegov, E. M. [The new man is trained in collective work] V kollektivnom trude vospityvaetsia novyi chelovek. Minsk, 1962. 31 p. (Obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii Belorusskoi SSR, no. 12)

"Changes in the number and structure of the Soviet laboring classes, collected articles." Reviewed by A. M. Panfilova. Vop. ist. no. 9:112-115 S '62.

"Communism, labor, and man" by D. Kaidalov, "Socialist division of labor" by L. S. Suderevskii. Reviewed by V. IA. El'meev, V. R. Polozov. Vest. LGU 17 no. 17: 138-113 '62.



chego i natsional'no-osvoboditel'nogo dvizheniia. Izd. 2., ispr. i dop. Moskva, Izd-vo VPSh i AON pri TsK KPSS.

Pt. I. [From 1760 through 1780 to 1917; textbook] 60 - 80-e gody XVIII v. -1917 g., uchebnoe posobie. 1962. 647 p.

Letters from the editor. Sov. profsoiuzy 18 no. 19:35 O '62.

Men'shikov, A. S., comp. [Work ennobles and glorifies men] Chelovek krasiv i slaven trudom. Moskva, Gospolitizdat, 1962. 110 p. (Moral'nyi kodeks stroitelia kommunizma)

Our consultations. Sov. profsoiuzy 18 no. 19:16-17 O '62.

Petrov, V. N. [Public labor under socialism and the steady growth of its productivity] Obshchestvennyi trud pri sotsializme i neuklonnyi rost ego proizvoditel'nosti. [Saratov] Izd-vo Saratovskogo univ., 1961. 41 p.

Poliakova, S. K. [Without manual work] Bez ruchnogo truda. Moskva, Gospolitizdat, 1962. 54 p. (V pomoshch' truzhanshchim materialy XXII s"ezda KPSS)

A session devoted to the formation and development of the Soviet laboring classes. G. A. Kumanev. Vop. ist. no. 9:104-106 S '62.

A session devoted to the formation and development of the Soviet laboring classes, 1917-1961. I. P. Ostapenko. Ist. SSSR 6 no. 5:245-247 S-O '62.

The warmth of your heart. Ta. Safonova. Sov. profsoiuzy 18 no. 18:30-31 S '62.

LABOR AND LABORING CLASSES—BIBLIOGRAPHY see Bibliography—Labor and laboring classes

LABOR AND LABORING CLASSES—CONGRESSES

Theoretical conference in the Institute of Labor. Sots. trud 7 no. 9:149-151 S '62.

LABOR AND LABORING CLASSES—DWELLINGS see subdivision under Ukraine

LABOR AND LABORING CLASSES—EDUCATION see subdivision under Leningrad Province

LABOR COURTS
(see also subdivision under Donets Basin)

Booklets on fellow workers' courts. E. Filippov. Sov. iust. no. 18:25-26 S '62.

LABOR DISPUTES

Dispute is settled by the committee. S. TSaitlin. Sov. profsoiuzy 18 no. 18:45-46 S '62.

LABOR LAWS AND LEGISLATION

Readers relate, advise and criticize. Sov. profsoiuzy 18 no. 18:32-33 S '62.

LABOR PRODUCTIVITY
(see also subdivision under Kazakhstan; Zaporozh'ye Province)

Growth of labor productivity during the period of the advanced building of communism. K. P. Berdonosov, V. I. Kotelkin. Vest. LGU 17 no. 17:117-119 '62.

Petrov, V. N. [Public labor under socialism and the steady growth of its productivity] Obshchestvennyi trud pri sotsializme i neuklonnyi rost ego proizvoditel'nosti. [Saratov] Izd-vo Saratovskogo univ., 1961. 41 p.

LABOR REST HOMES see subdivision under Moscow region

LABOR SERVICE see subdivision under Ukraine

LABORATORIES—EQUIPMENT AND SUPPLIES

Pouring machine. S. M. Petukhov, IU. L. Bukolov. Lab. delo 8 no. 8:51-58 Ag '62.

LABORATORIES—SAFETY MEASURES

The danger of microbiocurialism and its prevention under laboratory conditions. I. M. Trakhtenberg. Lab. delo 8 no. 8:18-24 Ag '62.

LABYRINTH (EAR)

Dynamics of vestibular disorders in severe acute craniocerebral injuries. A. P. Kotova. Vest. otorin. no. 5:47-51 '62.

LAC see subdivision under India

LACTAMS

Condensation of thiolactams with halogenated ketones. F. S. Babichev and others. Zhur. ob. khim. 32 no. 9: 2793-2797 S '62.

LACTATION

Some problems in neurohumoral regulation of lactation [with summary in English]. J. Hilek, M. Janovsky. Zhur. ob. biol. 23 no. 4:211-255 Jl-Ag '62.

LACTOSE

Role of lactose in animal feeding [with summary in English]. A. L. Solntsev, N. A. Mukhina, M. IU. L'veshchak. Izv. TSKhA no. 3:228-232 '62.

LADOGA, LAKE—WATER—POLLUTION

Protect Lake Ladoga against pollution. R. S. Don'gina. Bum. prom. 37 no. 9:14-15 S '62.

LADYBIRDS
(see also subdivision under Tuva A. S. S. R.)

Resistance of some wild potato species to Epilachna vigintioctomaculata Misch. L. I. Stratieva. Sbor. trud. asp. i mol. nauch. sotr. VIR no. 1:161-171 '60.

LAGENA, FOSSIL see subdivision under Carpathian Mountains

LAMBLIASIS see Giardiasis

LAMBS see subdivision under Don Valley, Rostov Province

LAMBS—DISEASES AND PESTS
(see also subdivision under Razdan District, Rostov Province)

Intravital cytological study of lung punctate in pneumonias in lambs. V. K. Parakin. Trudy Rost. NIVS no. 12:120-122 '60.

Polyarthritis disease in lambs. V. K. Parakin, V. G. Romanenko. Trudy Rost. NIVS no. 12:301-303 '60.

Role of pulmonary atelectases in the development of pneumonias in lambs. V. K. Parakin. Trudy Rost. NIVS no. 12:117-119 '60.

Some changes in pulmonary respiration in pneumonias in lambs. V. K. Parakin. Trudy Rost. NIVS no. 12:114-116 '60.

LAMELLIBRANCHIATA, FOSSIL see subdivision under Black Sea Lowland, Maritime Territory

LAMINATED MATERIALS

Calculations for glued three-layer structural slabs. A. L. Brunilovskii. Trudy TSNIISK no. 11:225-263 '62.

Glued three-layer slabs made with plastic. A. B. Gubenko and others. Trudy TSNIISK no. 11:64-224 '62.

LAMINATED METALS

Vashchenko, K. I., V. V. Zhizhchenko, and A. N. Fiatsov. [Bimetal aluminum-iron castings with diffusion bonding] Bimetallicheskie otlivki alliuminii - zheleza s diffuzionnoi sviaz'iu. Leningrad, 1962. 25 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia Liteinoe proizvodstvo, no. 1)

LAND

Udachin, S. A. [Land; studies on land use] Zemlia; ocherki o zemlepol'zovanii. Moskva, Sovetskaia Rossiia, 1962. 70 p. (Reshenila XXII s"ezda KPSS v zhizn'!)

LAND CLEARING see Clearing of land

LAND TENURE
(see also subdivision under Castile, Croatia, Great Britain; Latvia, Transcarpathia, Ukraine, Vietnam, North; Vietnam, South, Vladimir Government)

A few words about the "third phase of the agrarian revolution." V. P. Danilov. Vop. ist. no. 9:208-215 S '62.

"How was solved the Russian agrarian problem after the victory of the October Revolution" by G. V. Sharapov. Reviewed by V. N. IAkovtsevskii. Ist. SSSR 6 no. 5: 174-177 S-O '62.

Sessiia Nauchnogo soveta po probleme "Istoricheskie predposylki Velikoi Oktiabr'skoi sotsialisticheskoi revoliutsii," Moscow, 1960. [Characteristics of the agrarian system in Russia in the period of imperialism; materials] Osobennosti agrarnogo stroia Rossii v period imperializma; materialy. Moskva, Izd-vo Akad. nauk SSSR, 1962. 351 p.

"Solution of the agrarian problem in Russia after the victory of the October Revolution, 1917-1920" by G. V. Sharapov. Reviewed by V. P. Naumov, I. B. Chelipov. Vop. ist. KPSS 6 no. 5:201-205 '62.

LANDAU, LEV DAVIDOVICH, 1908-

Encyclopedia of theoretical physics. IA. B. Zel'dovich. Priroda 51 no. 7:58-60 Jl '62.

LANDFORMS
(see also subdivision under Aldan Plateau, Chernigov Province; Dnepropetrovsk, Kotuy Valley; Kunlun; Maymecha Valley; Mointy Valley, Sary-Su Valley)

Tectonic pattern of the Kura-Iori interfluve as reflected in modern relief. M. A. Museibov. Uch. zap. AGU, Geol.-geog. ser. no. 4:39-45 '60.

LANDFORMS—MAPS

Surveying existing methods for preparing morphometrical maps in the U. S. S. R. L. D. Mashentseva. Geog. zbir. no. 6:144-151 '62.

LANDSCAPE ARCHITECTURE see subdivision under Golodnaya Steppe, Petropavlovsk, Volzhsk

LANDSCAPE ARCHITECTURE—CONGRESSES

Landscape architecture and landscape gardening in cities. Stroi. i arkhit. 7 no. 2:p. 3 of cover. F '62.

LANDSCAPE GARDENING see subdivision under Russia, Northern; Sumgait

LANDSLIDES
(see also subdivision under Azerbaijan)

Differential methods for calculating the components of horizontal shifts of points on the earth's surface. P. P. Kazanchian. Izv. vys. ucheb. zav., geod. i aerof. no. 2: 25-32 '62.

LANGUAGE AND LANGUAGES—ETYMOLOGY

Translation loans as one of the reasons for lexical homonymy. L. P. Efremov. Izv. AN Kazakh. SSR Ser. filol. i isk. no. 2:47-55 '62.

LANGUAGE AND LANGUAGES—STUDY AND TEACHING

Akademiia pedagogicheskikh nauk RSFSR, Moscow. Institut obshchego i politekhnicheskogo obrazovaniia. [Teaching oral speech and reading in foreign languages] Obuchenie ustnoi rechi i chteniiu na inostrannykh iazykakh. Pod red. L. S. Shellapinoi, M. L. Vaisburd i S. V. Kalininoi. Moskva, Izd-vo Akad. pedagog. nauk RSFSR, 1962. 213 p. (Pedagogicheskie chteniia)

Let's give more attention to the progressive methods of teaching. L. Golovkina, L. Sadchikova, P. Stuzhina. Nar. obr. no. 8:51-53 Ag '62.

Visual methods in foreign language classes. I. Kamkou. Nar. asv. no. 6:52-59 Je '62.

We need new methods of teaching foreign languages; concerning suggestions received by the editor. Vest. vys. shkoly 20 no. 9:30-46 S '62.

LANTHANUM

Nuclear matrix elements in the β-transition of La^{140} [with summary in English]. A. A. Petushkov, L. V. Estulin. Zhur. eksp. i teor. fiz. 42 no. 5:1160-1170 My '62.

LANTHANUM BORIDE—OPTICAL PROPERTIES

Optical constants of lanthanum boride and cerium boride. B. M. TSarev, S. V. Illarionov. Fiz. tver. tela 4 no. 9: 2603-2606 S '62.

LAOS—POLITICAL PARTIES

Political parties of Laos. N. Manakov. Mezhdunar. zhizn' 9 no. 10:150 O '62.

LAOS—POLITICS AND GOVERNMENT

Prince Souphannouvong on the outlook in Laos; an interview. Wilfred Burchett. Nov. vrem. 20 no. 43:16-17 O '62.

What we learned from the experience of Laos. A. Zhemchugov. Az. i Afr. segodnia no. 9:54 S '62.

LAPLACE TRANSFORMATION

Some properties of a bilateral two-dimensional Laplace transformation. V. M. Chernov. Izv. vys. uch. zav.; mat. no. 5:115-127 '62.

LARCH
(see also subdivision under Yakutia)

"Role of larch in increasing the productivity of forests" by V. P. Timofeev. Reviewed by B. A. Bykov. Priroda 51 no. 7:122-123 Jl '62.

LARIN, PETR SERGEEVICH, d 1962
In memory of Petr Sergeevich Larin. Bum.prom. 37 no.9 31 S '62

LARIONOV, LEONID FEDOROVICH, 1902-
Professor Leonid Fedorovich Larionov, on his 60th birthday. Vop.onk. 8 no.8:124-125 '62.

LARKSPUR
Dependence of the seed yieldon the color of flowers. N.I.Maliutin. Bot.zhur. 47 no.7:1045-1046 Jl '62.

LARYNX—CANCER
Clinical aspects and treatment of cancer of the larynx, from data of the clinic of the Pediatric Institute from 1946-1960, Leningrad. L.A.Bukhman. Vop.onk. 8 no.8:91-97 '62.
Morphogenesis of cancer of the larynx (Carcinoma in situ). L.A.Cherkasskii. Vop.onk. 8 no.8:26-34 '62.

LARYNX—DISEASES
Amyloidosis of the larynx in brucellosis. T.G.Lonskaia. Vest.otorin. no.5:83-84 '62.

LARYNX—SURGERY
Use of cortisone in laryngoplasty. B.S.Krylov. Vest. otorin. no.5 35-41 '62.

LARYNX—TUMORS
Forceps-extractor for biopsy in closed tumors of the larynx. B.S.Preobrazhenskii, IA.V.Levin. Vest. otorin. no.5 76-77 '62.

LASAS, VLADAS, 1892-
Lietuvos TSR Mokslu akademija, Vilna. Botanikos institutas. [Problems of physiology and biochemistry; a festschrift in honor of the 70th birthday of Professor Vl. Lasas, M.S., Corresponding Member of the Academy of Medicine of the Lithuanian S.S.R., Member of the Academy of Sciences of the Lithuanian S.S.R.] Fiziologijos ir biochemijos klausimai, TSRS Medicinos mokslu akademijos nario korespondento, Lietuvos TSR Mokslu akademijos, akademiko, medicinos mokslu daktaro, profesoriaus Vl. Laso 70 metu sukakciai paminetl. Vilnius, 1962. 274 p. [In Lithuanian with summaries in Russian]

LASHKOV, VASILII LUKICH, 1861-1932
V.L.Lashkov; 1861-1932. V.N.Ermutskii, Izv.AN Mold SSR no.1:53-67 '62.

LATERITE see subdivision under Vietnam, North

LATHES
Cap-type multicut mandrel. A.T.Turlaev. Mashinostroitel' no.9 29 S '62.
Continuous mechanized line for machining stepped rolls on lathes. N.P.Vodolazskii, N.P.Kosov. Vest mashinostr. 42 no.9:59-63 S '62.

LATHES—MAINTENANCE AND REPAIR
Peshkov, E.O. [Adjustment of turret lathes] Naladka tokarno-revol'vernykh stankov. Moskva, Mashgiz, 1962. 159 p.

LATHES—STANDARDS
Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut po normalizatsii v mashinostroenii. [Auxiliary tools for automatic turret lathes] Instrument vspomogatel'nyi k revol'vernym avtomatam. Moskva, Standartgiz, 1961. 360 p. (SSSR. Normali mashinostrenita)
Semiautomatic lathes for automatic lines. V.IA.Chernovich. Standartizatsiia 26 no.9:31-33 S '62.

LATHES—TECHNOLOGICAL INNOVATIONS
Modernization of the 31-173 A multicut lathe. M.M Krasnoshchekov. Mashinostroenie no.4:113 Jl-Ag '62.

LATIN AMERICA—CATHOLIC CHURCH
"Shadow of the Vatican over Latin America" by I Lavretskii Reviewed by V. Afanas'ev Sov etn. no 4 217-220 Jl-Ag '62

LATIN AMERICA—FOREIGN ECONOMIC RELATIONS—UNITED STATES
"Revolution and counterrevolution in Brazil" [in Portuguese] by Franklin de Oliveira. Reviewed by A.Gramotov. Mezhdunar.zhizn' 9 no.10:130-131 O '62.

LATIN LANGUAGE—CHRESTOMATHIES AND READERS (MEDICINE)
Elkhe, V.D. [Short textbook of the Latin language for medical students] Kratkoe posobie po latinskomu iazyku dlia medikov. Moskva, Medgiz, 1962. 130 p.

LATTICE THEORY
Kinetics of ordering in second-order phase changes [with summary in English]. I.M.Lifshits. Zhur.eksp i teor.fiz. 42 no.5:1364-1359 My '62.

LATVIA—BAKERS AND BAKERIES
More production with fewer workers. A.Krasovskaia. Sots.trud 7 no.9:123-126 S '62.

LATVIA—CONSTITUTION
Latvian S S R Constitution [Constitution (fundamental law) of the Latvian Soviet Socialist Republic with amendments and additions enacted by the second, third, fourth, and fifth sessions of the Third Supreme Soviet of the Latvian S.S.R.] Latvijas Padomju Socialistiskas Republikas konstitucija (pamatlikums), ar grozijumiem un papildinajumiem, ko Latvijas PSR Augstaka Padome pienemusi tresa sasaukuma II, III, IV un V sesija Riga, Latvijas Valsts izdevnieciba, 1955 21 p.

LATVIA—COURTS
Stumbina, Erika. [History and organization of the judicial system and public prosecution in the Latvian S.S.R.] Sud i prokuratura Latviiskoi SSR, istoriia i ustroistvo. Riga, Izd-vo Akad. nauk Latviiskoi SSR, 1962. 155 p.

LATVIA—LAND TENURE
"Studies on the agrarian history of Latvia in the 16th century" by V.V Doroshenko Reviewed by Kh.M.Ligi, E.V.Tarvel. Ist.SSSR 6 no.5:188-191 S-O '62

LATVIA—MOTORCYCLE RACING
Flags of nine nations above "Shmeli." IU.Podval'nyi Za rul. 20 no.9 11 S '62.

LATVIA—PRECAST CONCRETE CONSTRUCTION
From the editor's mail. Sots.trud 7 no.9:116-117 S '62.

LATVIA—PUBLIC PROSECUTORS
Stumbina, Erika. [History and organization of the judicial system and public prosecution in the Latvian S.S.R.] Sud i prokuratura Latviiskoi SSR; istoriia i ustroistvo. Riga, Izd-vo Akad. nauk Latviiskoi SSR, 1962. 155 p.

LATVIA—RUSSIAN SOCIAL DEMOCRATIC PARTY
Latvijas Komunistiska partija. Partijas vestures instituts, Riga. [Studies on the history of the Communist Party of Latvia] Ocherki istorii Kommunisticheskoi partii Latvii. Riga, Latviiskoe gos. izd-vo. Vol.1. 1893-1919. 1962. 529 p.

LATVIA—SEWAGE—PURIFICATION
Sewage purification in the "Sloka" Combine. K.Z. Efremenko. Bum.prom. 37 no.9:12-14 S '62.

LATVIA—STATE FARMS—ACCOUNTING
Calculating amortization deductions on state farms [with summary in English]. A.A.Danilan. Izv.TSKhA no.2:232-236 '62.

LATVIA—TECHNOLOGICAL INNOVATIONS
Success of one is challenge for others V.Blium. Sov profsoiuzy 18 no.18:22-24 S '62.

LATVIA—TEXTILE INDUSTRY
Studying the expenditure of labor in the textile industry. B.Khazs, O.Fomina. Sots.trud 7 no.9:110-111 S '62.

LATVIA—TRADE UNIONS
Success of one is challenge for others V.Blium Sov profsoiuzy 18 no.18:22-24 S '62.

LATVIA—WAGES—MACHINERY INDUSTRY
Raising the role of material incentives. A.Veinberg. Sots.trud 7 no.9:132-136 S '62.

LATVIA—WOOD—CHEMISTRY
Wood hydrolysis by means of small amounts of concentrated sulfuric acid in the presence of organic liquid I.I Beinart, A.I Kalninn Gidroliz i lesokhim prom. 15 no.6 3-5 '62

LATVIA—WOODPULP INDUSTRY—BY-PRODUCTS
Sewage purification in the "Sloka" Combine. K.Z. Efremenko. Bum.prom. 37 no.9 12-14 S '62.

LAUNDRY
How to iron clothes. Rab.i sial. 38 no.6:24 Ag '62.

LAUREL see subdivision under Lenkoran Lowland

LAW
Subject matter and objectives of the history of the Soviet state and law G.B Gal'perin, A.I Korolev Sov gos. i pravo 32 no.10 47-56 O '62

LAW—BIBLIOGRAPHY see Bibliography—Law

LAW—HISTORY AND CRITICISM
"The drafts of laws and memoranda" by M.M. Speranskii. Reviewed by A.I. Parusov Vop.ist no.9,124-125 S '62

LAW—PHILOSOPHY
In the All-Union Institute of Legal Science A.S. Pigolkin. Sov gos. i pravo 32 no.10 131-136 O '62.
The structure of the Soviet legal norm [with summary in English]. G.I.Shatilov. Vest.LGU 17 no.17:128-131 '62.
Theoretical problems of legal omission. G.K. Matveev Sov.gos. i pravo 32 no.10 57-67 O '62.
Tumanov, V.A., ed. [Against the contemporary legal ideology of imperialism] Protiv sovremennoi pravovoi ideologii imperializma; sbornik statei. Moskva, Izd-vo biostr. lit-ry, 1962. 340 p.

LAW—STUDY AND TEACHING
New forms of contacts between legal theory and practical work A.E Natashev Sov gos. i pravo 32 no.10 130-137 O '62.

LAYING OUT (MACHINE-SHOP PRACTICE)
Program-controlled marking gauge K.F. Kriuchek, Mashinostroitel' no.9 28-31 S '62.

LEACHING
Graphic method of computation and the experimental investigation of a multistage countercurrent washing of precipitates. O.I Brink Khim.prom. no.8 656-661 Ag '62
Leaching baths heated with natural gas. A.I.Filinov, A.S.Lukianchikov, A.M.Semerin. Mashinostroenie no.4:64-65 Jl-Ag '62.
Method for calculating the concentrations of dissolvable substances in a multistage countercurrent washing of precipitates N.I.Gel'perin, E.P Tiuftin. Khim. prom. no.8 601-604 Ag '62

LEAD
Kumanaliev, T.I. [Flotation of lead in Akiyuz] Svintsovaia flotatsiia na Ak-Tuze. Frunze, Izd-vo AN Kirgizskoi SSR, 1960. 41 p.

LEAD COMPOUNDS
Triphenyl lead oxide. L.G.Bulkina, M.K.Safonova, V.A Shashunov. Zhur.ob.khim. 32 no.8:2681-2686 Ag '62.

LEAD INDUSTRY—TECHNOLOGICAL INNOVATIONS see subdivision under Kazakhstan

LEAD ORGANIC COMPOUNDS
Synthesis of organolead methacrylates. M.M Koton, F.S Florinskii Zhur.ob.khim. 32 no.9 3057-3059 S '62.

LEAD SULFIDE
Current induced photo-emf in lead sulfide layers. V.K. Adamchuk, R.IA.Beringa. Fiz.tver.tela 4 no.9: 2381-2384 S '62

LEAD SULFIDE—OPTICAL PROPERTIES
Changes in the surface potential of lead sulfide layers under the action of light. R.IA.Beringa, T.T.Bykova. Fiz.tver.tela 4 no.9:2629-2631 S '62.

LEAD SULFIDE CRYSTALS
Some data on the production of lead sulfide single crystals. I.S Averkiasov and others. Fiz.tver.tela 4 no.9:2349-2351 S '62.

LEAKAGE ELECTRIC CURRENTS see Electric currents, Leakage

LEAST SQUARES
Linnik, IU.V. [Method of least squares and fundamentals of the theory of observation data processing in mathematical statistics] Metod naimen'shikh kvadratov i osnovy matematiko-statisticheskoi teorii obrabotki nabliudenii. Izd.2., dop. i ispr. Moskva, Fizmatgiz, 1962. 349 p.

LEATHER
Efficient method of manufacturing lining split leather from raw hide splits. M.B Litvinov, A.A Umanskii Kozh.-obuv.prom 4 no.9 10 S '62.
Leather filling with a mixture of glucose and magnesium sulfate, N.G Shchukina, I.S.Sheshukova Nauch. trudy MTILP no.23 29-34 '61
Production of chrome-vegetable tanned, hide split Russian leather of greater thickness. N.S Sobolev Kozh.-obuv.prom. 4 no.8:36-39 S '62.
Use of polymer water dispersions for kid leather reinforcement. K.M Zarubian Kozh.-obuv.prom 4 no.9:20-21 S '62
Using the nonvegetable method of tanning for manufacturing stiff sole and insole leather from horsehide M.I Brustlovskii. Kozh.-obuv.prom 4 no.9 41 S '62.

LEATHER—DRYING
Use of various adhesives for chrome leather drying by adhesion G.M Glinzman Kozh.-obuv.prom 4 no.9 27-29 S '62.

LEATHER—STANDARDS
Modification of the standards and specifications of Russian leather for shoe manufacture. S.L.Tesker. Kozh.-obuv.prom 4 no.9-10-9 S '62

LEATHER—TESTING
Methods of eliminating the "resting" of semiprocessed products after chrome treatment and tanning. A.I Metelkin, V.G Suchkov. Kozh.-obuv.prom. 4 no.9,35-36 S '62.
Power of chrome-vegetable tanned leather to hold a metal tack. V.N. TSvetkov. Nauch.trudy MTILP no.23:101-111 '61.
Resistance to cracking in bending of sole and insole leather. V.N. TSvetkov Nauch.trudy MTILP no.23, 92-100 '61.

LEATHER, ARTIFICIAL
Polycondensation of xylotrihydroxyglutaric acid and hexamethylene-diamine. B.IA Maknov-Zemlianskii and others. Nauch trudy MTILP no 23:35-43 '61

LEATHER INDUSTRY—EQUIPMENT AND SUPPLIES

Use of synthetic polymers in leather manufacture. L. B. Sankin, I. P. Strakhov. Nauch. trudy MTILP no. 23 3-28 '61.

LEATHER INDUSTRY—LABOR PRODUCTIVITY

Labor productivity is the most important economic index of the economic activities of an enterprise. Kozh.-obuv. prom. 4 no. 9 1-1 S '62

LEAVES

Effect of the elements of mineral nutrition on the formation of leaf surfaces in corn under irrigation. P. M. Baranovskii, A. I. Strituk. Vest. sel'khoz. nauki [Kazakh.] 5 no. 7, 26-31 Jl '62

Role of leaves in the sexualization and differentiation of buds in citrus plants. I. S. Kapanadze. Shor. trud. asp. i mol. nauch. sotr. VIR no. 1; 303-307 '60

Uptake of phosphorus in hemp through the leaves. I. A. Berzak. Fiziol. rast. 9 no. 4 486-488 '62.

LEAVES—*ANATOMY*

Certain characteristics of the anatomic structure of the leaves of alpine rosette and cushion plants. L. N. Ivanskaia. Dokl. AN SSSR 146 no. 2 467-470 S '62

LEAVES, FOSSIL see subdivision under Kosov (Ukraine)

LEAVES, SHEDDING OF see Defoliation

LECTURES AND LECTURING see subdivision under Moscow

LEG—ULCERS

Compound treatment of chronic ulcers of the leg. A. B. Gataullin. Kaz. med. zhur. no. 3 28-30 My-Je '62.

LEGUMES

Photoperiods in some pulse crops. V. V. Tiamin. Agrobiologiia no. 4 562-565 Jl-Ag '62

Simultaneous sowing of corn with pulse crops [with summary in English]. V. N. Stepanov, V. I. Letunovskii. Izv. TSKHA no. 2; 19-30 '62.

LEGUMES—DISEASES AND PESTS
(see also subdivision under Leningrad Province)

Controlling pests of pulse crops. A. Brudnaia. Muk.-elev. prom. 28 no. 7-8 6 Jl '62.

LEIBNITZ, GOTTFRIED WILHELM, FREIHERR VON, 1646-1716

Leibnitz and neopositivism [with summary in English]. M. S. Kozlova. Vest. LGU 17 no. 17; 53-64 '62.

LEIPZIG—EXHIBITIONS

U. S. S. R. at international exhibitions and fairs. P. Brigadnov, M. Chernikov, A. Popov. Vnesh. torg. 42 no. 6 20-21 '62

LEISHMANIASIS

Local cutaneous processes in mice following the administration of virulent and nonvirulent strains of Leishmania tropica. O. I. Kelina. Med. parazit. i parazit. bol. no. 3 327-330 '62.

LEISURE

Mialkin, A. V. [Leisure and the all-round development of personality] Svobodnoe vremia i vsestoronnee razvitie lichnosti. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1962. 69 p.

LELEVEL, JOACHIM, 1786-1861

"Ioachim Lelevel, a Polish revolutionary, democrat, and scholar" by A. M. Vasevich. Reviewed by B. S. Popkov. Vop. ist. no. 9, 128-130 S '62.

[illegible] an work-
[illegible] hchikhsh
[illegible] ika, Izd-
335 p.

[illegible] [V. I. Lenin in Pskov]
V. I. Lenin v Pskove. Leningrad, Ob-vo rasprostraneniia polit. i nauchn. znanii RSFSR, 1962. 30 p.

The 50th anniversary of V. I. Lenin's arrival in Poland. R. A. Aleksandrova, E. M. Maravina. Vop. ist. KPSS 6 no. 5, 231-232 '62.

Furmanov, G. L. [How V. I. Lenin developed historical materialism on the basis of the experience of the October Revolution and the building of socialism in the U. S. S. R.] Razvitie V. I. Leninym istoricheskogo materializma na osnove obobshchenila opyta Oktiabr'skoi revoliutsii i stroitel'stva sotsializma v SSSR. [Moskva] Izd-vo Mosk. univ., 1962. 484 p.

"Lenin and problems of literature" by V. R. Shcherbina. Reviewed by A. B. Kogan. Rad. lit. 6 no. 5; 141-143 S-O '62.

"Lenin as man and friend." Reviewed by A. F. Silenko. Vop. ist. KPSS 6 no. 5; 186-190 '62.

"Lenin led us to victory, reminiscences" by S. I. Aralov. Reviewed by M. Shotchakov, I. Selishchev. Komm. Vooruzh. Sil 3 no. 19; 88-92 O '62.

Lenin, V. I. [Complete works] Polnoe sobranie sochinenii. Izd. 5. Moskva, Gos. izd-vo polit. lit-ry.
Vol. 31. [March-April 1917] Mart-aprel' 1917. 1962. 671 p.

Lenin's estimation of cultural heritage. Izv. AN Kir. SSR, Ser. obshchestv. nauk 2 no. 4; 5-9 '60.

Lenin's works which he wrote on the eve of the October Revolution. I. Klishin, A. Liutarevich. Komm. Bel. 36 no. 9; 22-28 S '62

Let's propagandize the works of Lenin. O. Belikova, E. Perukhina. Bibliotekar' no. 9; 38-40 S '62.

Propagandizing the works of V. I. Lenin and literature on his life and activities, working with students in grades 5-11. N. A. Butikova, V. A. Davydova, E. L. Demidova. Chit. zal dlia det. i un. no. 1; 6-52 '61

V. I. Lenin and the development of direct democracy. V. F. Kotok. Sov. gos. i pravo 32 no. 10; 47-56 O '62

"V. I. Lenin and the problems of public education." Reviewed by M. Kondakov. Nar. obr. no. 8; 115-116 Ag '62

"V. I. Lenin on drawing the masses into participation in the work of governmental agencies." Reviewed by M. Shafir. Sov. deput. trud. no. 10; 89-90 O '62.

V. I. Lenin on practicing economy and business accounting. P. Mikheev. Bukhg. uchet 19 no. 7, 1-8 Jl '62.

V. I. Lenin's talks with Mongolian revolutionaries in 1921. A. T. Akimov. Vop. ist. KPSS 6 no. 5, 149-151 '62.

Vaseiskii, G. S. [Development of Marxist philosophy by V. I. Lenin in his struggle with revisionism, 1907-1913] Razvitie V. I. Leninym marksistskoi filosofii v bor'be s revizionizmom, 1907-1913 gg. Moskva, Vysshaia shkola, 1961. 326 p.
(MH) (NNC)

Vilenkina, E. I. [Foreign languages in V. I. Lenin's life and work] Inostrannye iazyki v zhizni i deiatel'nosti V. I. Lenina. Moskva, Gos. uchebno-pedagog. izd-vo, 1960. 65 p.
(NNC)

LENIN, VLADIMIR IL'ICH, 1870-1924—MUSEUMS, RELICS, ETC.

Gorki (Moscow Province). T[Central'nyi muzei V. I. Lenina [Gorki Leninskiye] Gorki Leninskie. Moskva, Gos. izd-vo polit. lit-ry, 1960. 32 p. (chiefly illus.)
(NNC)

LENIN PRIZES

Water displaces oil. M. Shalov. Izobr. i rats. no. 8 3-4 Ag '62.

LENINAKAN—MACHINERY—MODELS

Manufacture of casting models from "TSh stiratsiyl." R. Tumanian, Kh. Avakian. Prom. Arm. 5 no. 9; 31-32 S '62.

LENINAKAN—TAENIA

Eradication of taeniarynchosis in one of the areas of Leninakan in the Armenian S. S. R. M. S. Ambartsumian. Med. parazit. i parazit. bol. no. 3, 284-285 '62.

LENINGRAD—AMATEUR THEATRICALS

Bond of a studio. E. Uvarova. Teatr 23 no. 8 177-178 Ag '62.

LENINGRAD—APARTMENT HOUSES

Lantsov, V. A., and K. A. Glukhovskoi. [Overall mechanization in housing construction; based on the practices of construction projects in Leningrad] Kompleksnaia mekhanizatsiia v zhilishchnom stroitel'stve, na opyte leningradskikh strock. Leningrad, Gosstroiizdat, 1962. 223 p.

LENINGRAD—APARTMENT HOUSES—MAINTENANCE AND REPAIR

Practices in the organization of repair and construction work. N. V. Lukianov. Stroi. i arkhit. Len. 24 no. 2; 20-22 F '62.

LENINGRAD—AUDITING AND INSPECTION

We are searching for additional income. G. Rambam. Fin. SSSR 23 no. 9; 50-61 S '62.

LENINGRAD—*BALLET*

Evening of Stravinskii's ballets. A. Vladimirskaia. Teatr 23 no. 9; 122-124 S '62.

LENINGRAD—BOMB RECONNAISSANCE

P[irogov, P. P. [A great exploit is continued; the glorious deeds of snipers of the Leningrad Military District] Podvig prodolzhaetsia; o slavnykh delakh snaiperov Leningradskogo voennogo okruga. [Leningrad] Lenizdat, 1962. 70 p.

LENINGRAD—CARTONS

Boltsova, E. P. [Mechanization of paper box making; from practices of the Leningrad "Severnoe siianie" perfume factory] Mekhanizatsiia kartonazhnogo proizvodstva; iz opyta leningradskoi parfiumernoi fabriki "Severnoe siianie." Leningrad, 1962. 32 p. (*Leningradskii dom nauchno-tekhnicheskoi propagandy. Seriia Tara i upakovka*)

LENINGRAD—CHILDREN'S PLAYS

In the Leningrad Theater for Youth. V. Dmitrievskii. Teatr 23 no. 9; 166-167 S '62.

"Tales of Pushkin" and "Obstinate lights." I. Vasilinina. Teatr 23 no. 8 99-102 Ag '62.

LENINGRAD—CITY PLANNING

Experience in designing microdistricts. N. A. Engel'ke. Stroi. i arkhit. Len. 24 no. 7; 25-27 Jl '62.

Experimental microdistricts in old sections of the city. Iu. G. Kruglikov. Stroi. i arkhit. Len. 24 no. 2; 16-19 F '62.

Leningrad's "Southern Gate." Stroi. i arkhit. Len. [illegible] no. 7, 22-24 Jl '62.

Practices in planning new housing areas in Leningrad. A. I. Kubasov. Stroi. i arkhit. Len. 24 no. 2; [illegible]

System of public service in new housing areas in Leningrad. T. N. Pitenina. Stroi. i arkhit. Len. 24 no. 9-10 F '62.

LENINGRAD—COMMUNIST EDUCATION

An efficient form of self-education. M. Paradkil. Polit. samoobr. 6 no. 9, 75-77 S '62.

A seminar of philosophy and methodology. A. Voronov. Polit. samoobr. 6 no. 9 71-76 S '62.

LENINGRAD—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

Communists are learning. I. Evseev. Sots. obrazov. 24 no. 7; 22-23 Jl '62

Ideological work must be the center of attention of party committees. G. Popov. Polit. samoobr. 6 no. 5 [illegible] 5 '62.

A regional center for the promotion of advanced industrial experience. P. Kuznetsov, V. Rengach. Polit. samoobr. 6 no. 9; 65-66 S '62.

LENINGRAD—CONSTRUCTION INDUSTRY

New goals ahead. Stroi. i arkhit. Len. 24 no. 2 [illegible] 1 '62.

LENINGRAD—CONSTRUCTION INDUSTRY—COSTS

Hidden potentialities for reducing labor costs in Trust No. 19 of the Leningrad Main Administration for Housing and Public Construction. V. T'Simenskii, V. Ivanov, I. Shcherbenok. Ekon. strot. no. 8 45-47 Ag '62.

LENINGRAD—CONSTRUCTION INDUSTRY—QUALITY CONTROL

Klushin, A. P. [In order to guarantee quality] Chtoby kachestvo bylo garantirovano. [Leningrad] Lenizdat, 1962. 80 p. (Novoe v khodit v zhizn')

LENINGRAD—CRUSHED STONE INDUSTRY—COSTS

Establish uniform TOR factory prices for the road, gravel, and sand materials industry. A. Rozhdestvenskii, Ekon. strot. no. 8; 48-51 Ag '62.

LENINGRAD—DWELLINGS

Paying dwellings of Moscow and St. Petersburg [illegible] 1830's) E. I. Kirichenko. Arkhit. nas. [illegible]

LENINGRAD—ELECTRIC EQUIPMENT INDUSTRY

In the voluntary design bureau managed by I. I. [illegible] ko, V. Snytkin. Mashinostroitel' no. 9, 4-5 S '62

LENINGRAD—HARBOR

Gen'kin, D. E. [Leningrad Harbor longshoremen are striving for communist labor] Rechniki Leningradskogo porta v bor'be za kommunisticheskii trud. Leningrad, Izd-vo "Rechnoi transport," 1961. 46 p.

LENINGRAD—HISTORY

The Assault on the Swedish fortress in Nyenskans, April 25 (May 6), 1703. A. I. Lubimov. Nov. i sovr. Voen. ist. sbor. no. 3, 91-97 '60.

LENINGRAD—HOTELS, TAVERNS, ETC.

On Lermontov Avenue. A. V. Zhuk. Stroi. i arkhit. Len. 24 no. 2; 11-13 F '62.

LENINGRAD—HOUSING

Renovation of old housing areas is an important [illegible] S. D. Altunin. Stroi. i arkhit. Len. 24 no. 3; 14 10 [illegible] '62.

LENINGRAD—HYDROLYSIS

Contribution of our efficiency promoters. A. S. Me[illegible] Gidroliz i lesokhim. prom. 15 no. 6 29 '62

LENINGRAD—INDUSTRIES

Sokolov, P. K. [Hello, fourth year!] Zdravstvuil, chetvertyi! [Leningrad] Lenizdat, 1962. 23 p.

LENINGRAD—LONGSHOREMEN

Gen'kin, D. E. [Leningrad Harbor longshoremen are striving for communist labor] Rechniki Leningradskogo porta v bor'be za kommunisticheskii trud. Leningrad, Izd-vo "Rechnoi transport," 1961. 46 p.

LENINGRAD—MACHINERY INDUSTRY

Among ship repair workers and shipbuilders [illegible] Plant. Rech. transp. 21 no. 9; 22 S '62.

Production committees and the economics of the enterprise. V. Andreev, Iu. Khanov, Pari. zhizn' [illegible] 19 O '62.

Theft. I. Osipov. Izobr. i rats. no. 10; 35 O '62.

LENINGRAD—MACHINERY INDUSTRY—TECHNOLOGICAL INNOVATIONS

Uncover hidden potentialities. L. [illegible]nchenkov. M[illegible] no. 6; 34-36 Je '62.

LENINGRAD—MANUSCRIPTS, FRENCH

French medieval manuscripts in the M. E. Saltykov-Shchedrin Public Library, from the history of medieval libraries and collections. T. P. Voronova. Srednie veka [illegible] 256-266 '62.

LENINGRAD—METAL INDUSTRIES
Activities of the ideological commission M. Potanin, I. Zapadalov. Polit. samoobr. 6 no. 9:70-73 S '62.
A department of economics in a factory. M. Kharshak. Polit. samoobr. 6 no. 9:68-70 S '62.

LENINGRAD—MILITARY MUSEUMS
"Kronwerk" of the Peter Paul fortress; its history and present-day state A. P. Lebedianskaia Sbor. dokl. Voen.-ist. sek. no. 3 79-89 '60.

LENINGRAD—MOTORCYCLE RACING
Interview after the finish. Za rul. 20 no. 9 10 S '62
Leningrad round of the world championship. N. Kiselev. Za rul. 20 no. 9:8-9 S '62.

LENINGRAD—ORTHOPEDIC SOCIETIES
Minutes of the scientific meetings of doctors from the Leningrad Scientific Research Institute of Traumatology and Orthopedics held jointly with surgeons from the hospitals, traumatological stations, polyclinics and the medical and sanitary sections of the city of Leningrad during 1958. Trudy. Len. gos. nauch.-issl. inst. travm. i ortop. no. 8 202-215 '61.

LENINGRAD—PARKS
Markov, V. I. [Parks of Triumph] Parki Pobedy. [Leningrad] Lenizdat, 1962. 152 p.

LENINGRAD—POLITICAL SCIENCE RESEARCH
Academic conferences of the Leningrad University, a report. A. A. Demin, G. N. Kushkov. Vest. LGU 17 no. 17:144-147 '62

LENINGRAD—PROFESSIONAL EDUCATION
All-Union Interplant School of Continuous Production of Soap and Cleaning Compounds. A. A. Kharitonov. Masl.-zhir. prom. 28 no. 9:42-43 S '62.

LENINGRAD—REVOLUTION, 1917-1921
Berezov, P. I. [Volley of shots from the "Avrora."] Zalp "Avrory." Moskva, Gospolitizdat, 1962. 77 p. (Stranitsy istorii Sovetskoi Rodiny)

LENINGRAD—SAND AND GRAVEL INDUSTRY—COSTS
Establish uniform FOB factory prices for the rock, gravel, and sand materials industry. A. Rozhdestvenskii. Elon stroi. no. 9 48-51 Ag '62.

LENINGRAD—SHOEMAKERS
Trade-union group is an educator of the collective. O. Vasil'eva. Sov. profsoiuzy 18 no. 18:15-18 S '62.

LENINGRAD—SOCIALIST COMPETITION
Antonov, V. A., and I. E. Mamiofa [Creators of the new and progressive; Leningrad inventors and efficiency promoters in the effort for technological progress] Tvortsy novogo, progressivnogo, leningradskie izobretateli i ratsionalizatory v bor'be za tekhnicheskii progress. [Leningrad] Lenizdat, 1962. 84 p. (Reshenila XXII s"ezda KPSS - v zhizn')

LENINGRAD—STATUES
Klodt, P. K. [Tamers of horses; sculptural groups] Ukrotiteli konei; skul'pturnye gruppy. Leningrad, Khudozhnik RSFSR, 1962. 13 p. plates.

LENINGRAD—STEEL INDUSTRY
Fire line. G. Mishkevich. Znan.-sila 37 no. 6:5-6 Je '62.

LENINGRAD—TECHNOLOGICAL INNOVATIONS
Antonov, V. A., and I. E. Mamiofa [Creators of the new and progressive; Leningrad inventors and efficiency promoters in the effort for technological progress] Tvortsy novogo, progressivnogo, leningradskie izobretateli i ratsionalizatory v bor'be za tekhnicheskii progress. [Leningrad] Lenizdat, 1962. 84 p. (Reshenila XXII s"ezda KPSS - v zhizn')
A regional center for the promotion of advanced industrial experience. P. Kuznetsov, V. Rengach. Polit. samoobr. 6 no. 9:65-66 S '62.

LENINGRAD—THEATER
"Crime and punishment" IA. Bilinkis. Teatr 23 no. 8 86-90 Ag '62.

LENINGRAD—TRACTOR INDUSTRY—TECHNOLOGICAL INNOVATIONS
Leonov, I. D. [Twice as fast] Vdvoe bystree. [Leningrad] Lenizdat, 1962. 74 p.

LENINGRAD—WORKS COUNCILS
Gutarov, A. N. [School of management] Shkola upravleniia. [Leningrad] Lenizdat, 1962. 37 p.

LENINGRAD ECONOMIC REGION—AUTOMATION
Mechanizing industrial transportation. IU. Perten. Sots. trud 7 no. 9:54-56 S '62.

LENINGRAD ECONOMIC REGION—MATERIALS HANDLING
Mechanizing industrial transportation. IU. Perten. Sots. trud 7 no. 9:54-56 S '62.

LENINGRAD PROVINCE—AGRICULTURE
Zhilkin, N. S. [A national cause] Vsenarodnoe delo. [Leningrad] Lenizdat, 1962. 48 p. (Reshenila XXII s"ezda KPSS - v zhizn' I)
(DNAL)

LENINGRAD PROVINCE—CORN (MAIZE)
Strizhov, M. V. [For high corn yields] Za vysokii urozhai kukuruzy. [Leningrad] Lenizdat, 1961. 20 p. (Vypolniaem reshenila ianvarskogo Plenuma TsK KPSS)
(DNAL)

LENINGRAD PROVINCE—FUSARIUM
Fusarioses of annual legumes in Leningrad Province. M. IU. Stepanova. Bot. zhur. 47 no. 7:1010-1015 Jl '62.

LENINGRAD PROVINCE—GRAIN ELEVATORS—FIRE PREVENTION
Securing grain handling enterprises from fires. I. Chepurnoi. Muk.-elev. prom. 28 no. 7:28 Jl '62.

LENINGRAD PROVINCE—LABOR AND LABORING CLASSES—EDUCATION
Iashin, I. V. [Practice in organizing and conducting technical seminars in enterprises of the Leningrad Economic Council; verbatim report] Opyt organizatsii i provedenila tekhnicheskikh seminarov na predpriiatiiakh Lensovnarkhoza, stenogramma doklada. Leningrad, 1962. 33 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Serila. Ekonomika i organizatsila proizvodstva)

LENINGRAD PROVINCE—LEGUMES—DISEASES AND PESTS
Fusarioses of annual legumes in Leningrad Province. M. IU. Stepanova. Bot. zhur. 47 no. 7:1010-1015 Jl '62.

LENINGRAD PROVINCE—PRECAST CONCRETE CONSTRUCTION
Province housing construction combine. Stroi. i arkhit. Len. 24 no. 2:26-27 F '62.

LENINGRAD PROVINCE—WOOD-USING INDUSTRIES
Kudriashov, I. V. [Ways of saving wood in the manufacture of containers, from practices of the work of the Leningrad Economic Council] Puti ekonomii drevesiny v proizvodstve tary, iz opyta raboty Leningradskogo sovnarkhoz. Leningrad, 1962. 29 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Serila. Tara i upakovka)

LENINOGORSK—NONFERROUS METAL INDUSTRIES
From the history of the reconstruction of Riddei (the Riddei concession). E. I. Vilenskii. Izv. AN Kazakh. SSR. Ser. ist., arkheol. i etn. no. 2:15-27 '62.

LENKORAN LOWLAND—LAUREL
Studying the diversity of laurel in the Lenkoran-Astara zone. M. M. Babaev. Izv. AN Azerb. SSR. Ser. biol. i med. nauk no. 3:31-41 '62.

LENKORAN PROVINCE—TEA—IRRIGATION
New irrigation conditions of farm crops [with summary in English]. G. V. Lebedev. Fiziol. rast. 9 no. 1:502-510 '62.

LENSES
Computation of an ordinary lens with a single reflecting surface. D. V. Gavrilov. Opt. i spektr. 13 no. 3:136-141 S '62.

LENSES, PHOTOGRAPHIC
"Rubber optics." Tekh. mol. 30 no. 9:10 '62.
Spectra transmission characteristics of the modern motion-picture and still photography lenses (with summary in English on p. 96). A. M. Kuritsyn. Tekh. kino i telev. 6 no. 10:19-25 O '62.
Use of a wide-angle lens attachment in underwater photography with a 16 mm motion-picture camera (with summary in English on p. 96). A. S. Lodkin. Tekh. kino i telev. 6 no. 10:67-68 O '62.

LEONOV, LEONID MAKSIMOVICH, 1899-
Young heroes of L. Leonov's novel "Russian forest." F. Kh. Vlasov. Uch. zap. MGPI 172:213-242 '61.

LEPTOSPIROSIS
(see also subdivision under Rostov Province)
Clinical characteristics of swamp fever of the influenza-typhous type [with summary in English]. B. N. Mikhailovskii. Klin. med. no. 12:84-86 '61.
Leptospirosis of the canicola type in dogs. N. M. Blagoveshchenskaia and others. Trudy Rost. NIVS no. 12:78-83 '60.
Results of immunizing dogs with a penicillin leptospirosis vaccine. S. R. Khomik and others. Trudy Rost. NIVS no. 12:92-95 '60.
Study of leptospirosis in dogs. G. P. Vasil'ev, A. B. Vashchenko. Trudy Rost. NIVS no. 12:84-91 '60.

LERMONTOV, MIKHAIL IUR'EVICH, 1814-1841
Fifth All-Union Interuniversity Conference on Lermontov. V. IU. Neborakivs'kyi. Rad. lit. 6 no. 5:156-157 S-O '62.
Vidiakhev, B. V. [On the literary craftsmanship of classical writers: "Mtsyri" by Lermontov, and "With a full voice" by Maiakovskii] O khudozhestvennom masterstve pisatelei-klassikov: Lermontov "Mtsyri," Maiakovskii "Vo ves' golos." Balashov, Balashovskii gos. pedagog. in-t, 1961. 22 p. (V pomoshch' shkole)
(MH)

LESGAFT, PETR FRANTSEVICH, 1837-1909
P. F. Lesgaft. I. A. Kiiachko. Zdorov'e 8 no. 9:7-8 S '62.

LETTERING
Shuliakin, A. S. and others. [Lettering for plans and maps] Shrifty dlia planov i kart. Moskva, Geodezizdat, 1962. 54 p.

LEUCOCYTES
Effect of overheating on the differential leucocyte count and phagocytic activity of leucocytes. A. I. Berdyaeva. Izv. AN Turk. SSR. Ser. biol. nauk no. 1:66-70 '62.
Evolution of sex chromatin in the neutrophils of the blood, preliminary report. M. E. Orlova. Probl. gemat. i perel. krovi no. 6:24-28 '62.

LEUCOPENIA, MALIGNANT see Agranulocytosis

LEUKEMIA
Activity of the properdin system in leukemia. I. I. Chertkov, G. V. Cherkeshskaia. Probl. gemat. i perel. krovi no. 6 11-16 '62.
Acute hemocytoblasto-megacaryocytic leukemia. M. N. Sokolova. Klin. med. 40 no. 6:101-104 Je '62.
Acute leukemia in the stomatologist's practice. L. T. Kaluglina. Stomatologiia 41 no. 4:27-29 Jl-Ag '62.
Case of acute leukemia combined with pregnancy. N. A. Elizarova, V. M. Stupnitskaia. Klin. med. 40 no. 6:104-106 Je '62.
Case of prolonged remission in acute leucemia-hemocytoblastosis. A. G. Pinus. Probl. gemat. i perel. krovi no. 6 48-50 '62.
Changes in natural immunity and the content of vitamin B_{12} in leukemia in relation to treatment. V. V. Akkerman and others. Probl. gemat. i perel. krovi no. 6: 3-11 '62.
Cytopenia in a femal patient with chronic myeloid leukemia following myelosan therapy. R. A. Lavdiits. Klin. med. 40 no. 6:106-108 Je '62.
Mazurenko, N. P. [Role of viruses in the etiology of leukemia] Rol' virusov v etiologii leikozov. Kiev, Gosmedizdat USSR, 1962. 216 p.
(DNLM)

LEVEL (TOOL)
Portable universal level. A. A. Bulgakov. Geog. v shkole 25 no. 5:80-83 S-O '62.

LEVEL INDICATORS
Automatic indicator of the level of materials. M. N. Gorbovets. Mekh. stroi. 19 no. 4:25-26 Ap '62
Changes in the level of the product in vacuum evaporation apparatus with continuous action. I. G. Liberman, I. G. Molodetskii, N. M. Spirul. Konf. i ov. prom. 17 no. 10: 13-16 O '62.

LEVEL INDICATORS FOR LIQUIDS see Liquid level indicators

LEVELING
Leveling errors caused by the use of invar rods. I. N. Meshcheriakii, I. I. Untin. Trudy TsNIIGAiK no. 147: 65-91 '62.
Some sources of errors in the operation of an NI-2 level with a compensator. I. N. Meshcheriakii. Trudy TsNIIGAiK no. 147:93-98 '62.

LEVOMYCETIN
Use of levomycetin in controlling hemorrhagic septicemia in carp. IU. D. Nechiporenko and others. Ryb. khoz. 38 no. 1:30-31 '62.

LEVULINIC ACID
Study of the Claisen condensation of esters of levulinic acid and their conversion products. N. V. Zotchik and others. Zhur. ob. khim. 32 no. 8 2624-2626 S '62.

LIABILITY (LAW)
Klenov, E. A., and V. G. Malov. [Compensation to enterprises and institutions for damage caused by workers and employees] Vozmeshchenie ushcherba, prichinennogo predpriiatiiu, uchrezhdeniiu rabochimi ili sluzhashchimi. Moskva, Gosizdat, 1962. 133 p.
Legal regulation of torts. N. S. Malein. Sov. gos. i pravo 32 no. 10 68-76 O '62.
Malein, N. S. [Liability for injuries to the health of minors] Vozmeshchenie vreda pri povrezhdenii zdorov'ia nesovershennoletnikh. Moskva, Gosizdat, 1962. 64 p.
Taking into account judicial practice in these cases. IU. Kalmykov. Sov. iust. no. 18:13 S '62.

LIABILITY FOR AIRCRAFT ACCIDENTS
Liability for aircraft accidents in the new air code. N. Dzhov. Sov. iust. no. 19:9-11 O '62.

LIBERIA—FOREIGN ECONOMIC RELATIONS
The "open door" policy of the Liberian government and the position of foreign capital in the economy of the country. V. V. Egorov. Uch. zap. IMO no. 6:58-75 '61.

LIBERIA—INVESTMENTS, FOREIGN
The "open door" policy of the Liberian government and the position of foreign capital in the economy of the country. V. V. Egorov. Uch. zap. IMO no. 6:58-75 '61.

LIBERTY

Davenport, R. W. [The dignity of man. Translated from the English] Dostoinstvo cheloveka. [New York, Freedom Fund, 1960] 245 p. (CLU)

LIBRARIES

(see also subdivision under Buryat-Mongolia, Moscow, Novocherkassk, Odessa, Omsk Province, Saratov Province, Smolensk, Ul'yanovsk Province

Brief news. Bibliotekar' no. 9:64 S '62

On the level of current objectives. IA Aleksandrov. Bibliotekar' no 9:2-5 S '62

LIBRARIES, CHILDREN'S

(see also subdivision under Orel Province, Voronezh Province)

District children's library. Bibliotekar' no 10:54 O '62.

Improve the role of libraries in the communist education of the rising generation. Bibliotekar' no. 10 1-3 O '62

Let's increase the ranks of the gifted and able, propagandizing science fiction among pupils in grades 5-7. Z P. Nedashkovskaia. Chit. zal dlia det. i iun. no 1 53-57 '61

LIBRARIES, YOUNG PEOPLE'S

(see also subdivision under Rostov-on-Don)

Propagandizing the works of V I Lenin and literature on his life and activities, working with students in grades 5-11. N. A. Butikova, V. A. Davydova, P L Demidova. Chit. zal dlia det. i iun no 1 6-52 '61.

Science books for young readers, propagandizing science fiction among pupils in grades 8-11. D N TStratsian. Chit. zal dlia det. i iun. no 4 88-123 '61.

LIBRARIES AND READERS

(see also subdivision under Kalinin Province, Nedrigaylov District)

Bringing books to every family in the cities. R Zotova, T. Mokhova, L. Rubinshtein. Bibliotekar' no 10 26-29 O '62.

Centers for collective reading. N. Kudriashkin. Bibliotekar' no. 10 7-9 O '62.

In friendship with builders. A Bulychenkov. Bibliotekar' no 10 20-21 O '62

Let us promote materials of the 22d Congress of the Party. N Kuznetsova. Bibliotekar' no 10 5-6 O '62

Moscow. Publichnaia biblioteka. [An aid for libraries on aesthetic education] V pomoshch' rabote bibliotek po esteticheskomu vospitaniiu; sbornik statei. Moskva, M-vo kul'tury RSFSR, 1962. 143 p.

Readers continue the discussion. B. Sukhorukov and others. Bibliotekar' no. 9,62-63 S '62

Strengthen the tie with collective farm production. L. Sandler. Bibliotekar' no 10:9-11 O '62

Thrice out of many. N. Dadunashvili. Bibliotekar' no 10: 42-43 O '62.

LIBRARY ARCHITECTURE

According to standard designs. O. Ananieva. Bibliotekar' no. 10:52-54 O '62

LIBRARY CATALOGS see subdivision under Kharkov

LIBRARY CONFERENCES see subdivision under Berlin

LIBRARY SCHOOLS AND TRAINING

More on personnel. N Tolkachev. Bibliotekar' no. 10: 55-57 O '62

LIBYA—PETROLEUM INDUSTRY

Libya's future is in oil [with English summary in insert]. B. Nachkov. Az. i Afr. seg. no. 9,6-7 S '62.

LICORICE see subdivision under Apsheron Peninsula

LIE ALGEBRAS

Remark on Lie p-algebras. IU. I. Manin. Sib. mat. zhur. 3 no 3 479-480 My-Je '62.

LIEBIG, JUSTUS, FREIHERR VON, 1803-1873

"Justus Liebig" by IU. S. Musabekov. Book review. Priroda 51 no. 8:23 Ag '62.

LIEPAJA—MILITARY EDUCATION

Sham well-being. L. Savel'ev. Voen. znan. 38 no. 9: 38 S '62.

LIFE INSURANCE see Insurance, Life

LIFE ON OTHER PLANETS

Liubarskii K. A. [Essays in astrobiology] Ocherki po astrobiologii. Moskva, Izd-vo Akad. nauk SSSR, 1962. 119 p.

LIFESAVING

Competition in multiple lifesaving exercises. A. Prisiazhniuk. Voen. znan. 38 no. 9:31 S '62.

LIFSHITS, EVGENII MIKHAILOVICH

Encyclopedia of theoretical physics. IA. B. Zel'dovich. Priroda 51 no. 7:58-60 Jl '62.

LIGHT

Determining the forces and moments of forces of light pressure acting on a body moving in cosmic space. A. A. Karymov. Prikl. mat. i mekh. 26 no. 5:867-878 S-O '62.

Spectral characteristics of radiation. R. A. Sapozhnikov. Svetotekhnika 8 no. 10:1-4 O '62.

LIGHT—SPEED

Analyzing the propagation of nonequilibrium thermal wave on the assumption of a finite velocity of light [with summary in English]. A. S. Kompaneets, E. IA Lantsberg. Zhur. eksp. i teor. fiz. 43 no. 1 231-240 Jl '62.

LIGHT FILTERS

Antifog light filters for automobile headlights. L. A. Golubtsov and others. Stek. i ker. 19 no 8 19-20 Ag '62.

Theory of a Fabry-Perot type clarified light filter [with summary in English]. P Kard. Izv. AN Est. SSR, Ser. fiz.-mat. i tekh. nauk 11 no. 3 159-166 '62

LIGHTING—BIBLIOGRAPHY see Bibliography—Lighting

LIGHTNING PROTECTION

In the Technical Council of the State Design and Planning Institute for Heavy Electric Industry. V. V. Bandurin, A. A. Ermilov. Prom. energ. 17 no 10 17 O '62.

LIGHTWEIGHT CONCRETE

Concretes based on light aggregates for industrial construction. Bud. mat. i konstr. 4 no. 2:1-5 Mi-Ap '62.

Heat-resistant perlite concrete. K. D Nekrasov, M. G. Maslennikova. Bet. i zhel.-bet. 8 no 8:339-342 Ag '62.

Insulated prestressed keramzit concrete slabs. V. E. Motornii. Transp. stroi. 12 no 8 19-50 Ag '62.

Lightweight concrete based on separator slag of the Kalmurshen deposit. A. Arakelian, V Asatrian. Prom. Arm. 5 no. 9:32-34 S '62.

New production-line techniques for the manufacture of parts for large-panel housing construction. V. Popov. Bud. mat. i konstr. 4 no. 2:14-16 Mi-Ap '62.

New unit for cutting cellular concrete. A. N Tellsov. Stroi. i dor. mash. 7 no. 8:30-32 Ag '62.

Waterproof coatings for porous concretes based on "atsimol", a synthetic drying oil. V Liapidin. Bud. mat. i konstr. 4 no. 2,47-48 Mi-Ap '62.

LIGNITE see subdivision under Dnieper Basin; Dnieper Valley

LIMBS (ANATOMY) see Extremities (Anatomy)

LIMESTONE see subdivision under Sayan Mountains

LIMESTONE—STANDARDS

It is necessary to review the state standard 5331-50. K. S. Drozdov. Standartizatsiia 26 no. 8 60 S '62.

LIMING OF SOILS

Effectiveness of liming old soils fertilized for a long time [with summary in English]. V. N. Pgorov, B. A. Dospekhov. Izv. TSKHA no. 3,7-24 '62.

LIMIT THEOREMS (PROBABILITY THEORY)

New limit theorems in boundary value problems for sums of independent quantities. A. A. Borovkov. Sib. mat. zhur. 3 no. 5:635-694 S-O '62.

LIMITATION OF ARMAMENT see Disarmament

LINEAR DIFFERENTIAL EQUATIONS see Differential equations, Linear

LINEAR EQUATIONS

Solution of systems of linear equations by the iterative methods of L. V. Kantorovich and A. M. Lopshits. V. L. Zaguskin. Uch. zap IAr gos. ped. inst no 34 69-80 '60.

Solving a system of linear algebraic equations. K. A. Karymov. Izv. AN Kazakh SSR Ser. mat. i mekh no. 10 17-20 '62.

LINEAR PROGRAMMING

Iterative method for the solution of a general problem of linear programming. V. A. Bulavskii. Sib. mat. zhur. 3 no. 3:313-332 My-Je '62.

Selecting the optimum reloading processes. A. A. Smekhov. Vest. TSNII MPS 21 no. 6:58-61 '62.

LINKS AND LINK MOTION

Selecting the rigidity of elastic links in the dynamometry of farm tractors [with summary in English]. V. P. Roslikov. Izv. TSKHA no. 2:222-226 '62.

LINOLEUM see subdivision under Erivan

LIPASE

Significance of a deficiency of tissue lipolytic enzymes in the pathogenesis of atherosclerosis [with summary in English]. F. L. Leites. Kardiologiia 2 no. 4,35-41 Jl-Ag '62.

LIPETSK—SINTERING

Lipetsk sintering plant. V. Kirichek. Metallurg 7 no. 10:25-26 O '62.

LIPETSK PROVINCE—GEOGRAPHY—AUDIO-VISUAL AIDS

Filmstrips on Lipetsk Province. L. A. Shipulin. Geog. v shkole 25 no. 5:59-61 S-O '62.

LIPETSK PROVINCE—RUSSIAN LANGUAGE—STUDY AND TEACHING

Let's support and develop the progressive practice of Lipetsk teachers. V. A. Dobromyslov. Rus. iaz. v shkole 23 no 1 1-8 Jl-Ag '62.

LIPETSK PROVINCE—TEACHING

Lebedev, P. A. [Search and solutions; Lipetsk educational practice] Poiski i reshenila; o lipetskom opyte uchebnoi raboty. Moskva, Izd-vo "Znanie," 1962. 32 p. (Novoe v zhizni, nauke, tekhnike. XI Seriia: Pedagogika, no. 18)

LIPID METABOLISM

Topalskaia, V. N. [Physiology and pathology of carbohydrate, lipid and protein metabolism] Fiziologiia i patologiia uglevodnogo, lipidnogo i belkovogo obmena. Moskva, Medgiz, 1962. 187 p.

LIPOLYSIS

Studying lipolysis and the unsaturation degree of "crude" fat in the rumen of calves [with summary in English]. P. I. Zherebtsov, A. I. Solomtsev. Izv. TSKHA no. 2, 214-217 '62.

LIPOMATOSIS

Multiple hereditary circumscribed lipomatosis [with summary in French] S. N. Davidenkov. Och. Vila nevi no 1 195-203 '62.

LIPOPROTEINS

Protein composition of and lipoproteins in the blood serum in syphilitic aortitis. N. N. Madievskaia, M. P Frishman. Vest. derm. i ven. no. 9:65-70 '62.

LIQUEFIED GASES

Solubility of carbon dioxide in liquefied hydrocarbons. A. P. Klimenko, G. N. Sel'ianova. Trudy Inst. isp. gaza AN USSR 9:10-12 '61.

LIQUEFIED PETROLEUM GAS

Virdorchik, D IA., and P B Maizel's. [Gas-burner systems for burning liquefied gas] Gazogorelochnye ustroistva dlia szhiganiia szhizhennogo gaza. Leningrad, Gostoptekhizdat, 1962 120 p.

LIQUID HELIUM

Characteristics of the equilibrium diagram for a He^3-He^4 solution in the λ-point [with summary in English]. D. G. Sanikidze. Zhur. eksp. i teor. fiz. 42 no 5, 1330-1332 My '62

Microscopic theory of zero-sound damping in a Fermi liquid [with summary in English]. G. M. Eliashberg. Zhur. eksp. i teor. fiz. 42 no. 6,1658-1666 Je '62.

LIQUID LEVEL INDICATORS

Effect of the cooling of water gauges on readings of the level indicator glass. S N Dranitsyn. Trudy TSNIIMF no 18:65-69 '61

Improving the performance reliability and quality of the floating water level regulator of type DKV boilers. N. I. Arsen'ev. Prom. energ. 17 no. 10,23-24 O '62

LIQUID METALS

Carbon solubility in liquid iron in presence of tungsten, molybdenum and vanadium. B P. Burylev. Izv. vys. ucheb. zav., chern. met 5 no 8 9-11 '62.

LIQUIDS

Sovoshchanie posviashchennoe problemo zhidkogo sostoianiia veshchestva. 4th, Kiev, 1959. [Structure and physical properties of matter in the liquid state; materials] Stroenie i fizicheskie svoistva veshchestva v zhidkom sostoianii, materialy. [Kiev] Izd-vo Kievskogo univ., 1962. 146 p.

LIQUOR INDUSTRY

[Calculation of fermentation industry products, and liqueur, vodka, and nonalcoholic drinks] Raschet produktov brozhil'nykh proizvodstv likero-vodochnogo i bezalkogol'nykh napitkov. [By] M. M. Korobov i dr. Kiev, Gos. izd-vo tekhn. lit-ry USSR, 1961. 258 p.

LITERATURE—BIBLIOGRAPHY see Bibliography—Literature

LITERATURE—HISTORY AND CRITICISM

Abramovich, G. L. [Introduction to the study of literature, textbook for pedagogical institutes] Vvedenie v literaturovedenie; posobie dlia pedagogicheskikh institutov. 3 izd., ispr. i dop. Moskva, Gos. uchebno-pedagog. izd-vo, 1961. 402 p. (InU)

Berkovskii, N. IA. [Articles on literature] Stat'i o literature] Moskva, Goslitizdat, 1962. 450 p.

Wehrli, Max. [General literary criticism. Translated from the German] Obshchee literaturovedenie. Red., predisl. i primechaniia A. S. Dmitrieva. Moskva, Izd-vo inostr. lit-ry, 1957. 243 p. (CoU)

LITERATURE—STUDY AND TEACHING

How to teach literature? Nar. obr. no. 10:27 O '62.

LITERATURE AND COMMUNISM see Communism and literature

LITERATURE AND RELIGION see Religion and literature

LITHIUM

Computation of the lithium atom in adiabatic approximation and calculation of the nuclear magnetic moment. M.G.Veselov, I.B.Bersuker. Opt.i spektr. 13 no 3 297-301 S '62.

Derivatives of benzimidazole. Part 11. Interaction of 1-phenylbenzimidazole with n-butyllithium and phenyllithium. B.A.Tertov, N.A.Ivankova, A.M. Simonov. Zhur.ob.khim. 32 no 9 2989-2991 S '62

LITHIUM CHLORIDE

Determining moisture content by means of lithium chloride. B.I.Sedov. Trudy NIKFI no.15:50-56 '62.

LITHIUM COMPOUNDS

Conjugated systems. Part 158. Addition of lithium alkyls to trimethylsilylpropenyl- and trimethylsilylisopropenylacetylenes. M.D.Stadnichuk, A.A.Petrov. Zhur.ob. khim. 32 no.8 2190-2191 Ag '62

LITHIUM HAFNATE

One metastable modification of Li_2ZrO_3 and Li_2HfO_3. V.E.Plyushchev, A.A.Grizik. Zhur.neorg.khim 7 no.9,2086-2094 S '62.

LITHIUM ORGANIC COMPOUNDS

Association of organolithium compounds and its role in polymerization processes. Yu.L.Spirin, A.R.Gantmakher, S.S.Medvedev. Dokl.AN SSSR 146 no 2 368-371 S '62.

LITHIUM PERCHLORATE

Vapor pressure of the system $LiClO_4$-CH_3OH-H_2O. V.F.Sergeeva, E.S.Moiseeva. Zhur.ob.khim 32 no.8 2402-2405 Ag '62.

LITHIUM ZIRCONATE

One metastable modification of Li_2ZrO_3 and Li_2HfO_3. V.E.Plyushchev, A.A.Grizik. Zhur.neorg.khim 7 no.9,2086-2094 S '62.

LITHUANIA—ASCARIDS AND ASCARIASIS

Treatment of ascariasis by means of single doses of piperazine adipinate in the Lithuanian S.S.R. J.Levinas. Med.parazit.i parazit.bol. no 3 291-293 '62.

LITHUANIA—BUILDING MATERIALS INDUSTRY

Development of a construction supply center in the Lithuanian S.S.R. I.A.Manusis. Stroi.mat. 8 no.8 3-6 Ag '62.

LITHUANIA—ELECTRIC POWER PLANTS

Organization of the construction of the Lithuanian State Regional Electric Power Plant. G.B.Granik. Energ.stroi. no.27 6-15 '62.

LITHUANIA—ELECTRIC POWER PLANTS—WATER SUPPLY

Organization of the subsurface intake of water for operation of the Lithuanian State Regional Electric Power Station. S.I.Popov. Energ.stroi. no 27 15-20 '62

LITHUANIA—FURNITURE

From practices in dull finishing of furniture. J.Balukevičius, Z.Pakutinskiene. Der.prom. 11 no.10:24 O '62.

LITHUANIA—GEOGRAPHY—YEARBOOKS

[Geographical yearbook] Geografinis metrastis. Vilnius, Lietuvos TSR Geografine draugija. [In Lithuanian with summaries in German and Russian]
No.4. 1961. 453 p

LITHUANIA—INVENTORIES OF ESTATES

Lietuvos TSR mokslu akademija, Vilna. Istorijos institutas. [Lithuanian inventories of the 17th century; collection of documents] Lietuvos inventoriai XVII a; dokumentu rinkinys. Sudare K.Jablonskis ir M.Jucas. Vilnius, Valstyvine politines ir mokslines literaturos leidykla, 1962. 461 p. [In Lithuanian]

LITHUANIA—PRECAST CONCRETE

Production of precast reinforced concrete elements in the Lithuanian S.S.R. M.M.Dul'manas. Bet.i zhel.-bet. 8 no.9:346-348 Ag '62.

LITHUANIAN LANGUAGE—DICTIONARIES—POLYGLOT

O.O.Potebnia's comments on the manuscript of A.Jushkevich's and I.Iushkevich's "Lithuanian dictionary." Movoznavstvo 16:104-113 '61.

LITIN DISTRICT—AGRICULTURAL CREDIT

Advances to specialize collective farms. A.Ul'ianova, D.Titlevskii. Den.i kred. 20 no.9:57-59 S '62.

LITTLE'S DISEASE see Paralysis, Spastic

LIVER

Effect of inductothermy on the temperature of the blood, the bile, gallstone, the liver and metal. L.A.Skurikhina, N.A.Gavrilova. Vop.kur., fizioter.i lech.fiz.kul't. 27 no.3:210-215 My-Je '62.

"The liver in fasting and nutritional deficiency" [in German] by Heinz David. Reviewed by N.I Grigor'ev. Arkh.anat., gist.i embr. 43 no 7 115-118 Jl '62.

Seasonal changes in the protein and ribonucleic acid content of liver cells in frogs [with summary in English]. E.M.Grazmenitskii. Zhur.ob.biol. 23 no.4,311-313 Jl-Ag '62.

LIVER—ABSCESS

Chloroquine therapy of amebic abscess of the liver [with summary in English]. Jose G.Basnuevo, Federico Sotolongo. Med.paraz.i paraz.bol. no 3 275-279 '62

LIVER—CANCER

Primary cancer of the liver [with summary in English]. Kh.Bratiski and others. Terap.arkh. no 8,31-39 '62

LIVER—DISEASES

Chronic hepatitis and ways for its prevention [with summary in English]. P.M.Tareev. Terap.arkh. no 8-10-17 '62.

Disorder of the function of the pancreas in diseases of the liver and biliary tract. N.A.Burg. Kaz.med.zhur. no.3:19-21 My-Je '62

Effect of health resort treatment in Yessentuki on disorders of lipoid and protein metabolism in chronic cholecystitis and hepatitis. A.M.Nogaller. Vop.kur., fizioter.i lech.fiz.kul't. 27 no.3 197-205 My-Je '62.

For the time being. V.A.Kononiachenko. Zdorov'e 8 no.8 18-19 S '62.

Gases in the blood in cirrhosis of the liver and chronic hepatitis [with summary in English]. V.D.Tkachev, A.S.Loginov. Terap.arkh. no 6:17-21 '62.

Microfocal myocardial infarcts and chronic hepatitis at the expanded plenum of the board of the All-Russian Society of Therapeutists; January 21-22, 1962 in Moscow. V.E.Antsinov, F.T.Krasnoperov. Kaz.med.zhur. no.3:95-97 My-Je '62

LIVER—WOUNDS AND INJURIES

Kuzanov, E.I. [Closed lesions of the liver and spleen] Zakrytiye povrezhdeniia pecheni i selezenki. Tbilisi, Gos.izd-vo "Sabchota Sakartvelo," 1962. 174 p. (Biblioteka vracha)
(DNLM)

Treatment of closed wounds of the liver and spleen. P.V. Kravchenko, V.E.Volkov. Kaz.med.zhur. no. 3:27-28 My-Je '62.

LIVER FLUKE

Survivability of Opisthorchia felineus eggs (Rivolta, 1884) under various environmental conditions. V.N.Diordov. Med.paraz.i paraz.bol. no. 3:323-326 '62.

LIVONIA—AGRICULTURE

The serf economy of Latvian farmsteads in southern Livonia in the 16th century (conclusion) [with summary in German]. V.V.Doroshenko. Sred.veka no.22:100-115 '62.

LIZARDS see subdivision under Komodo

LOADING AND UNLOADING
(see also subdivision under Karelia)

Mechanization of loading and unloading operations in metallurgical plants. Mekh.i avtom.proizv. 16 no.8 55-57 Ag '62.

They mechanized the loading of mixed feeds in cars. V.Popov. Muk.-elev.prom. 28 no.7:26-27 Jl '62.

LOADING AND UNLOADING—EQUIPMENT AND SUPPLIES
(see also subdivision under Great Britain)

Mechanization of loading, unloading and conveying operations at the Gorkiy Automobile Plant. V.I.Zil'berberg. Mekh.i avtom.proizv. 16 no.9 29-33 S '62.

Selecting the optimum reloading processes. A.A.Smekhov. Vest.TSNII MPS 21 no.6:58-61 '62.

LOAM SOILS

A factor affecting the consolidation of loam. N.G.Akhnazarian, S.R.Meschian. Izv.AN Arm.SSR. Ser.fiz.-mat. nauk 15 no.3:115-125 '62.

LOANS, FOREIGN see subdivision under China

LOBANOVA, TAT'IANA NIKOLAEVNA

Tat'iana Nikolaevna Lobanova. Med.sestra 21 no.6,53 S '62.

LOCAL FINANCE

Mergelov, G.S. [Planning and financing administrative expenditures] Planirovanie i finansirovanie raskhodov na upravlenie. Moskva, Gosfinizdat, 1962. 58 p. (V pomoshch' finansovomu rabotniku)

LOCAL GOVERNMENT
(see also subdivision under Poland, White Russia)

Dual subordination of local agencies and departments. B.Lazarev. Sov.deput.trud. no.10:20-25 O '62.

LOCAL TRANSIT—ABSTRACTS

[Automotive and city transportation] Ref.zhur.: Avt.i gor.transp. no.10 O '62.

LOCKS (HYDRAULIC ENGINEERING)

Let us put order in the reception of locks. L.Ivashentsev. Rech.transp. 21 no.9:34-35 S '62.

LOCOMOTIVES

Potentials in the utilization of electric and diesel traction. S.E.Konovalov. Zhel.dor.transp. 44 no.9:55-59 S '62.

LOCOMOTIVES—BRAKES

Selecting the optimum diagram of the filling of locomotive brake cylinders. E.I.Kuz'mina. Vest.TSNII MPS 21 no.6:40-44 '62.

LOCOMOTIVES—DESIGN AND CONSTRUCTION

Using electronic digital computers for calculating the dynamic curving-in of locomotives on curved track sections. Iu.I.Dorfman, Iu.S.Romen. Vest.TSNII MPS 21 no.6,52-57 '62.

LOESS
(see also subdivision under Ukraine)

Changes in the composition and properties of loess deposits depending on their occurrence in various natural zones. S.S.Morozov. Vest.Mosk.un.Ser.4:Geol. 17 no.4:13-24 Jl-Ag '62

Hydrogeological properties of loess and methods for its improvement when bringing under cultivation irrigated lands [with summary in English]. I.I.Trofimov. Izv. TSKHA no.2 145-151 '62.

LOGIC

Moscow. Universitet. Kafedra logiki. [Outline history of Russian studies on logic] Ocherki po istorii logiki v Rossii. [Moskva] Izd-vo Mosk.univ., 1962. 256 p.

"Studies on logic" [in Rumanian] by Mh.Joja. Reviewed by G.Enescu. Vop.filos. 16 no.9:183-184 '62

LOGIC, SYMBOLIC AND MATHEMATICAL

Estimation of the number of irreducible disjunctive normal forms of functions in algebra of logic. Iu.V. Zhuravlev. Sib.mat.zhur. 3 no.5 802-801 S-O '62.

Slinzhkin, N.I., and V.D.Sikakov. [Brief outline of the history of general and mathematical logic in Russia] Kratkii ocherk istorii obshchei i matematicheskoi logiki v Rossii. Moskva, Vysshaia shkola, 1962. 85 p.

LOGICAL POSITIVISM

Critical evaluation of the neopositivist category of causation. V.G.Vinogradov, A.IA.Il'in. Nauch.dokl.vyssh.shkoly; filos.nauki 5 no.3 75-82 '62.

Leibnitz and neopositivism [with summary in English]. M.S.Kozlova. Vest.LGU 17 no.17 83-84 '62.

LOKACHI DISTRICT—BRICK INDUSTRY

Highly productive plant. IA.Zhamyts'kyi. Sil'.bud. 12 no.8,7-8 Ag '62.

LOMONOSOV, MIKHAIL VASIL'EVICH, 1711-1765

M.V.Lomonosov and Russian linguistics [in Azerbaijani with summary in Russian]. M.Sh.Lashinov. Izv.AN Azerb.SSR. Ser.obshchestv.nauk. no.11 21-28 '61.

"Medical problems in the works of M.V.Lomonosov" by S.M.Grombakh. Reviewed by I.M.Gurevich. Med.sestra 21 no.9 56-57 S '62.

The principle of combination in the atomic theory of Lomonosov. I.IA.Laitman. Nauch.dokl.vys.shkoly; filos.nauki 5 no.4 89-93 '62.

LONDON—EXHIBITIONS

An exhibition in London devoted to the 50th anniversary of "Pravda." Andrew Rothstein. Vop.ist. no.9:197-198 S '62.

LONDON—THEATER

"Cherry orchard" in London. I.S. Teatr 23 no.8 185-186 Ag '62

LONG MARCH, 1934-1935

Sikh'ianskaia, L.A. [Great march of the Chinese Red Army, 1934-1936] Velikii pokhod kitaiskoi Krasnoi armii, 1934-1936 gg. Moskva, Izd-vo vostochnoi lit-ry, 1962. 60 p.

LONGSHOREMEN see subdivision under Leningrad, Odessa

LOOMS

Review of the theoretical diagrams of proportioning devices for looms. A.A.Tuvaevn. Tekst.prom. 22 no.9:53-59 S '62.

Selecting the method of weft feeding to the automatic linen looms. A.N.Vasil'ev. Tekst.prom. 22 no.9,36-41 S '62.

LORD'S SUPPER

Anglican liturgy (Lord's Supper) from the Orthodox point of view (to be concluded). N.Uspenskii. Zhur.Mosk Patr. no.8:81-87 Ag '62.

LOUDSPEAKERS

The "miracle" has helped. N.Tluceev. Izobr.i rats. no.10:31 O '62.

LOYANG, CHINA—INDUSTRIES

The new Loyang. L.Lobods. Nov.vrem. 38 no.40:26-27 O '62.

LUBRICATION AND LUBRICANTS

Rinskaia, N.I. [Laboratory work with fuel and lubricants] Laboratornye raboty po toplivu i smazochnym materialam. Moskva, Sel'khozizdat, 1962. 191 p. (Uchebniki i uchebnye posobiia dlia vysshikh sel'skokhoziaistvennykh uchebnykh zavedenii)

Speransov, N.N. [Use of petroleum products on state and collective farms] Neftekhoziaistvo sovkhozov i kolkhozov. Moskva, Sel'khozizdat, 1962. 302 p.

LUCRETIUS CARUS, TITUS

The poem "On the nature of things" by Lucretius and "scientific poetry." V.Larisev. Trudy UzGU no.113: 81-87 '61.

LUGA—CONSTRUCTION INDUSTRY

An inspector has come to a building project. N. Alekseenko. Sov. deput. trud. no. 10:67-68 O '62

LUGANSK—DIESEL LOCOMOTIVES

Modernization of the TE3 serial diesel locomotives. A. N. Koniaev, V. E. Matskii, V. R. Stepanov. Mashinostroenie no. 1 78-81 Jl-Ag '62.

LUGANSK—OPEN-HEARTH FURNACES

Transformation of an open-hearth furnace for a combined heating with the use of natural gas. V. E Vidishev, IU V. Chaplygin, G. G. Chernenko. Mashinostroenie no. 1:41-46 Jl-Ag '62.

LUGANSK—RAILROADS—FREIGHT CARS

New transporters manufactured at the Luganak Diesel Locomotive Plant. V. A. Chulak'tian, L. I. Gorshkov. Mashinostroenie no. 4:117 Jl-Ag '62.

LUGANSK PROVINCE—COLLECTIVE FARMS—ACCOUNTING

Organization of accounting on the "Peremoga" Collective Farm, Luganak Province. H. Maksymenko. Ekon. Rad. Ukr. no. 5:119-121 S-O '62

LUGANSK PROVINCE—COMMUNITY AND SCHOOL

With participation of the community. V. Cherkasov. Vech. sred. shkola 5 no. 3:20-22 My-Je '62.

LUGANSK PROVINCE—FINANCE

In close relation with the public bureau of technical and economic analysis. K. Khmelovskii. Fin. SSSR 23 no. 9:72-74 S '62.

LUGANSK PROVINCE—INDUSTRIAL MANAGEMENT

In close relation with the public bureau of technical and economic analysis. K. Khmelovskii. Fin. SSSR 23 no. 9:72-74 S '62.

LUGOVSKOI, VLADIMIR ALEKSANDROVICH, 1901-1957

[Pages of reminiscences on Lugovskoi] Stranitsy vospominanii o Lugovskom. Moskva, Sovetskii pisatel', 1962. 228 p.

LUMBER

Complete processing of wood by an enterprise A. Kholmovskii Les. prom. 40 no. 7:11-15 Jl '62.

The lumber industry helps Soviet agriculture. N. Glotenin. Les. prom. 10 no. 7 1 Jl '62

LUMBER—DRYING

A large lumber drying system. A. D. Tarasenko. Les. prom. 40 no. 7:8-9 Jl '62.

LUMBER—TRANSPORTATION

(see also subdivision under Finland)

Bushuev, V. M. [BKMS-14P tower cranes for the unloading of lumber from river craft] Bashennye krany BKMS-14P na vygruzke pitpoduktsii iz rechnykh sudov. [Moskva] Goslesbumizdat, 1950. 7 p.

Calculation of the strength of a sectional float. G. A. Manukhin, S. A. Vladimirov. Les. prom 10 no. 7 19-21 Jl '62.

Khushev, A. M. [Maintenance and use of ice roads] Soderzhanie i ekspluatatsiia ledianykh dorog. [Syktyvkar] Komi knizhnoe izd-vo, 1962. 22 p. (Bibliotechka lesozagotovitelia)

Roads are of primary importance. Les. prom. 40 no. 7: 22 Jl '62.

Self-discharging timber truck. I. M. Mogil'nikov, M. M. Fink. Mekh. i avtom. proizv. 16 no. 8:23-24 Ag '62.

LUMBER CAMPS

Filippov, G. A. [Construction practices in lumbering camps and ways for lowering its costs] Praktika stroitel'stva lesopromkhozov i puti snizheniia ego stoimosti. Moskva, Goslesbumizdat, 1962. 103 p.

...G

...o subdivision under Karelia, Maykop region; ...a Valley)

...of tree felling sites without resorting to burning ...aste wood. A. Pozdniakov. Les. prom. 10 Jl '62.

...lhe timber logging in areas having great timber ...es. Les. prom. 40 no. 7:p. 2 of cover Jl '62.

...G—ELECTRIC EQUIPMENT

...923- U. S. S. R.) Ministerstvo lesnoi promy...ti. TSentral'noe biuro tekhnicheskoi informa...fety measures in operating electrical equip... lumbering] Elektrobezopasnost' na lesozago... Moskva, Goslesbumizdat, 1962. 64 p.

...G—EQUIPMENT AND SUPPLIES

...r control. K. Mamrykin, V. Poliakov, V. Laden...r. Trats. no. 8:11 Ag '62.

..., I. I. [Use and repair of motor-vehicle tires ...ring enterprises] Ekspluatatsiia i remont ...l'nykh shin v usloviiakh lesozagotovitel'nykh ...atii. Moskva, Goslesbumizdat, 1962. 163 p.

...G—MACHINERY

...e lumbering units with remote control should ...on a wider scale. IA. Urin. Les. prom. 40 12 Jl '62.

...ment is in reliable hands. V. V. Miliakov. ...m. 40 no. 7:2-3 Jl '62.

Improve the state of the equipment in lumber camps N. L. Kondratovich, IU I. Il'ichev. Les. prom. 10 no. 7:4-6 Jl '62.

Khimki. TSentral'nyi nauchno-issledovatel'skii institut mekhanizatsii i energetiki lesnoi promyshlennosti [Papers of the Central Scientific Research Institute of Mechanization and Power Engineering in the Lumber Industry, of the Irkutsk and Caucasus Branches of the Institute, and of the Karelian Scientific Research Institute of Design and Planning for the Lumber and Woodworking Industries in the Field of the Mechanization of Lumbering Operations, collection of reports on research completed during 1960] Trudy TsNIIME, Irkutskogo, Kavkazskogo filialov TsNIIME i Karel'skogo proektnogo nauchno-issledovatel'skogo instituta lesnoi i derevoobrabatyvaiushchei promyshlennosti v oblasti mekhanizatsii lesozagotovok, sbornik referatov nauchno-issledovatel'skikh rabot vypolnennykh v 1960 g. Moskva, 1962. 109 p.

The LM-7 motor truck at the Kosinsk lumbering establishment V. K. Krivchikov. Les. prom 40 no. 7 9-10 Jl '62.

Lumbering machine units. I. V. Kessel'. Meth. i avtom. proizv. 16 no. 8:51-52 Ag '62.

Manufactured by the "Severnyi Kommunar" factory Les prom. 10 no. 7 p. 2 of cover Jl '62

Mechanization of gradual and selective tree felling operations V. Berezin, E. Zhelnov. Les. prom 40 no. 7 17-19 Jl '62

Methodology for determining the engineering and economic efficiency of branch cutting machines I. A. Pavlov, V. V. Glotov Les. prom. 40 no. 7:26-27 Jl '62.

Our answer to the appeal of the machinery operators. V. M. Bashmakov, M. D. Kovaleva Les prom. 40 no. 7:3 Jl '62.

LUMBERING—PRODUCTION STANDARDS

"Establishment of work norms in the lumber industry" by M. M. Borodin and I. D. Chulitskii. Reviewed by S. Alekseshin, V. Mel'nikov. Les. prom 40 no. 7, 32 Jl '62.

LUMBERING—SAFETY MEASURES

Russia (1923- U. S. S. R.) Ministerstvo lesnoi promyshlennosti. TSentral'noe biuro tekhnicheskoi informatsii. [Safety measures in operating electrical equipment in lumbering] Elektrobezopasnost' na lesozagotovkakh. Moskva, Goslesbumizdat, 1962. 64 p.

Tiukina, A. P. [Prevention of injuries in lumbering camps] Profilaktika travmatizma na lesozagotovkakh. Moskva, Medgiz, 1962. 52 p (Nauchno-populiarnaia meditsinskaia literatura)

LUMINESCENCE

Effect of reabsorption on the law of damping of the luminescence of anthracene crystals. M. D. Galanin, IU. V. Konobeev, Z. A. Chizhikova. Opt. i spektr. 13 no. 3: 386-389 S '62.

Luminescent macroscopic characteristics of the aorta and arteries in the early stages of atherosclerosis. V. Kh. Ancatiadi Zdravookhranenie 5 no. 4 32-35 Jl-Ag '62.

LUMINESCENT SUBSTANCES

Kinetics of the luminescence of chromium luminophors. Part 4, section 2. Interpretation of the relaxation spectrum, temperature variations in relaxation time and luminescence intensity. N. A. Tolstoi, Liu Shun'-fu. Opt. i spektr. no. 3:403-411 S '62.

Luminescence of a self-activated zinc sulfide evaporated phosphor. E. IA. Arapova. Opt. i spektr. 13 no. 3 416-420 '62.

LUNACHARSKII, ANATOLII VASIL'EVICH, 1875-1933

Lebedev, A. A. [A. V. Lunacharskii's aesthetic views] Esteticheskie vzgliady A. V. Lunacharskogo, ocherki. Moskva, Izd-vo "Iskusstvo," 1962 246 p.

LUNAR PROBES

Applying the Delaunay method to the motion of artificial lunar satellites [with summary in English]. E. N. Lemekhova. Biul. Inst. teor. astron. 8 no. 7:512-530 '62

LUNGS—ABNORMITIES AND DEFORMITIES

Case of suppuration of a giant cyst of the right lung. I. A. Gontsov. Zdravookhranenie 5 no. 4:52-53 Jl-Ag '62.

X-ray characteristics of an accessory pulmonary lobe of the azygos vein (lobus azygos). A. IA. Loginova. Kaz. med. zhur. no. 3:50-52 My-Je '62.

LUNGS—CANCER

Clinical aspects of simultaneous pulmonary tuberculosis and cancer. A. E. Rabukhin. Klin. med. 40 no. 6:31-38 Je '62.

Development of cancerous epithelium of the lungs following the action of a cancerogenic factor [with summary in English]. G. IA. Grafova Arkh. anat., gist. i embr. 43 no. 7:75-83 Jl '62.

Differential diagnosis of central cancer of the lung with lesions of the heart and large intrathoracic vessels. M. I. Glikin. Klin. med. 40 no. 6:123-126 Je '62.

Interrelationship of cancer and tuberculosis of the lungs [with summary in English]. S. L. Kheifets. Klin. med. 40 no. 6:39-42 Je '62.

Some problems in the X-ray diagnostic evaluation of round shadows in the lung. B. K. Sharov. Vop. onk. 8 no. 8:9-13 '62.

Uglov, F. G. [Pulmonary cancer] Rak legkogo. Izd. 2., dop. Leningrad, Medgiz, 1962. 539 p. (DNLM)

Ways for the prevention of pulmonary and gastric cancer A. I. Serebrov, P. P. Dikun. Klin. med 40 no 6 7-15 Je '62.

LUNGS—COLLAPSE

Role of pulmonary atelectases in the development of pneumonias in lambs. V. K. Parakin. Trudy Rost. NIVS no 12:117-119 '60.

Total unilateral reflex atelectases of the lung during surgery on bronchial asthma patients. A. A. Shalimov, E. P. Iarotskaia. Klin. khir. no. 7:66-68 Jl '62.

LUNGS—DISEASES

Akademiia nauk SSSR. Sibirskoe otdelenie. [Some problems in the pathology of the lungs in the light of recent data on their normal structure, development and regeneration] Nekotorye voprosy patologii legkikh v svete novelshikh dannykh ob ikh normal'nom stroenii, razvitii, regeneratsii. Novosibirsk, 1962. 489 p. (DNLM)

Bronchopulmonary manifestations in lambliasis. A. G. Lepiavko. Klin. med. no. 12:50-54 '61.

Case of pulmonary coccidioidomycosis. M. M. Zhislina, L. G. Shamesova. Klin. med. no. 12:92-95 '61.

Clinical and roentgenological diagnosis of arteriovenous aneurysms of the lung. E. A. Zinikhina. Klin. med. no. 12 103-107 '61.

Clinical significance of determining sialic acid and the blood proteins in chronic nonspecific lung diseases. V. I. Novichkov. Kaz. med. zhur. no. 3:57-59 My-Je '62

Diagnostic signs of eosinophilic infiltrations of the lung. V. A. Vasil'ev. Klin. med. no. 12 127-129 '61.

Fungus diseases of the lung. A. M. Arlovich. Klin. med. no. 12, 119-127 '61.

Nontumorous lesions of the middle lobe of the lung and their distinction from cancer [with summary in English]. IU. V Cherkenskii Trudy Inst. onk. AMN SSSR no. 4 72-83 '62.

Pulmonary damage in prolonged corticosteroid therapy. A. N. Chigirinskii. Klin. med. no. 12 100-102 '61.

Pulmonary diseases in systemic vasculitis [with summary in English]. S. I. Kamenetskii and others. Klin. med. no. 12, 72-78 '61.

Use of deoxyribonuclease in suppurative processes in the lungs. R. I. Salganik, IU. S. Shternshis. Klin. med 40 no. 6:95-100 Je '62.

Use of the antibiotic, monomycin, in suppurative pulmonary and pleural diseases [with summary in English] N. I Gerasimenko, A P Kuz'michev, M. V. Petrosian. Antibiotiki 7 no 8:757-761 Ag '62.

LUNGS—DUST DISEASES

Inhalation of acetylcholine aerosols in function tests of the respiratory apparatus in chronic bronchitis and pneumoconioses. A. O. Navakatikian. Klin. med. no. 12 60-64 '61.

Roentgenokymographic examination of the heart in anthracosilicosis. A. V. Rozenberg. Klin. med. no. 12 64-69 '61.

LUNGS—HYDATIDS

X-ray diagnosis of the perforation of a hydatid cyst of the lungs. V. V. Domidna, S. I. Ruban. Klin. khir. no. 7: 15-21 Jl '62.

LUNGS—TUMORS

Hypertrophic osteoarthropathy in pulmonary neoplasms (Marie-Bamberger syndrome) [with summary in English]. V. L. Astaf'ev, E. F. Firsov, S. Z. Shklifarov. Klin med. 40 no. 6:90-95 Je '62.

LUNGWORMS

Use of ditrazine against dictyocaulosis in sheep. S. A. Azhinov, E. E. Krivoshta, G. S. Khrapov. Trudy Rost. NIVS no. 12:272-273 '60.

LUPINE

(see also subdivision under Polesye)

Geographical groups of lupine [with summaries in English, German, and French]. A. I. Atabekova. Vest. sel'khoz. nauki 7 no. 8:120-122 Ag '62.

Rhizosphere and root microflora of winter wheat preceded by lupine as a fallow crop. S. A. Samtsevych, V. M. Borysova. Nauk. pratsi Ukr. nauk.-dosl. inst. zem. 11: 14-18 '61.

LUPUS

Clinical bacteriological parallels in tuberculous lupus during antibacterial therapy [with summary in English]. M. I. Bagaeva, A. A. Klebanova. Vest. derm. i ven. no. 8: 29-35 '62.

LUPUS ERYTHEMATOSUS

Nervous system diseases in lupus erythematosus [with summary in French]. G. I. Shteiman. Och. klin. nevr. no 1, 164-172 '62.

LUTETIUM—DECAY

Coincidences of conversion electrons emitted in the decay of Lu^{174}. B. S. Dzhelepov, E. N. Rozhin, V. A. Sergienko. Izv. AN SSSR. Ser. fiz. 26 no. 9:1154-1159 S '62.

LUTSEVICH, IVAN DOMINIKOVICH, 1882-1942

Life and work of IAnka Kupala, the poet of the White Russian people. Nar. asv. no. 6 62-68 Je '62

LVOV—ULTRAVIOLET RAYS

Hygienic characteristics of ultraviolet irradiation in Lvov according to data for 1960 D G Deviatia. Gig. i san. 26 no 12 87 D '61.

LVOV ECONOMIC REGION—SHOE INDUSTRY

First Soviet firms. N. Kozoriz, I. Shyfrin Ekon. Rad. Ukr. no. 5:103-109 S-O '62.

LVOV-VOLYN' BASIN—COAL MINES AND MINING

Only forward N Karkanitsa. Sov. shakh 11 no 10' 9-11 O '62.

LVOV-VOLYN' BASIN—COKE INDUSTRY

Economics of the comprehensive processing of coal by the coking method in the Lvov-Volyn' Basin. P. Sebt. Ekon. Rad. Ukr. no 5-82-86 S-O '62.

LYMPH

Lymph circulation in some experimental tumors [with summary in English]. L M Gol'dshtein, D. L Kleinman Trudy Inst onk AMN SSSR no. 4:107-129 '62

LYMPHADENOMA see Hodgkin's disease

LYMPHATICS

Changes in the architectonics of the lymphatic system of the diaphragm in a rabbit with a Brown-Pierce tumor [with summary in English] V N Balashev, M S Ignashkina Arkh anat, gist i embr 43 no 7 105-110 Jl '62

Method for studying lymphovenous anastomoses in man. M.M. Pavlova-Pollakova. Klin. khir. no. 7:63-65 Jl '62.

Penetration of the lymph nodes of healthy and infected rats by various salts of penicillin [with summary in English]. I R Bulyn', V N Solov'ev Antibiotiki 7 no. 8.729-732 Ag '62.

LYMPHATICS—CANCER

Lymphogenic metastasis in cancer of the endometrium. IA.V. Bokhman. Vop. onk. 8 no. 8:98-107 '62.

LYMPHATICS—SURGERY

Complications appearing during Crile's operation, their prevention and treatment [with summary in English] R. I Vagner. Trudy Inst onk. AMN SSSR no. 4.13-26 '62

LYMPHOMA

Giant follicular lymphoma (Brill-Symmers disease). S. L. Limonchik, T A. Chernikova Klin. med 40 no. 6:59-63 Je '62.

LYN'KOU, MIKHAS', 1899-

A writer of the White Russian people. Ivan Kudrautsau. Belarus' 19 no. 8 15 Ag '62

LYOPHILIZATION

Use of lyophilized cartilage in restoring the facial skeleton. A. A. Grinchenko Stomatologiia 41 no. 4 39-43 Jl-Ag '62.

LYSENKO, MYKOLA VITALIIOVYCH, 1842-1912

Folk heroic songs in the works of M. V. Lysenko. T. P. Bulat. Nar. tvor. ta etn. 6 no. 1:48-56 Ja-Mr '62.

MACEDONIA—SERFDOM

Evolution of feudal rent in Serbia, northern and central Macedonia, and Zeta in the first half of the 14th century E. P. Naumov. Uch. zap. Inst. slav. 24:255-279 '62.

MACHINE ACCOUNTING

(see also subdivision under Kazakhstan; Sarapul)

[Mechanization of accounting and calculating work in commerce; collected articles on exchange of practice] Mekhanizatsiia ucheta i vychislitel'nykh rabot v torgovle, sbornik statei po obmenu opytom. Moskva, Gostorgizdat, 1962. 78 p.

MACHINE GUNS

Heavy machine gun. No. GP-826. Voen. znan. 38 no. 9: 19 S '62.

MACHINE-SHOP PRACTICE

Bench stirrup for active control. B. A. Sak-Shak, I. I. Komissarov, V. A. Eliseev. Mashinostroitel' no. 9:27 S '62.

Cold breaking of rod metal. L. G. Fedulov, V. K. Kuz'menko. Mashinostroitel' no. 9:34 S '62.

Mechanization and automation of processes in the manufacture of basic sectional joints. Z. IU. Levit, V. M. Mitin. Priborostroenie no. 9:27-29 S '62.

Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut po normalizatsii v mashinostroenii. [Rolls for rolling grooves; design and specifications] Rolliki dlia nakatki rifler..; konstruktsii i ispolnitel'nye razmery. Moskva, Standartgiz, 1961. 5 p. (SSSR. Normali mashinostroenia)

Precision of die gauging of parallel holes in plate-type flat parts. V. V. Korostelev. Priborostroenie no. 9: 17-19 S '62.

Sprocket type checking and guiding devices. A. N. Rabinovich, B. IU. Boschko, R. IU. Pankevich. Mashinostroitel' no. 9:9-10 S '62.

MACHINE-TOOL INDUSTRY see subdivision under Armenia, Kharkov; Moscow

MACHINE-TOOL INDUSTRY—FINANCE see subdivision under Moscow

MACHINE TOOLS

Automatic transfer-machine line for machining plates of bushed-roller chains. B. P. Borin. Mekh. i avtom. proizv 16 no. 9:1-6 S '62.

Phenzhik, A. M. [Automation of universal machine tools] Avtomatizatsiia universal'nykh metallorezhushchikh stankov. Pod red. A. F. Drobinina. Moskva, Mashgiz, 1961. 43 p. (Nauchno-populiarnaia biblioteka rabochego-stanochnika, no 29)

Shepsenvol, A. I. [Auxiliary tools used in the manufacture of instruments] Vspomogatel'nyi instrument v priborostroenii Moskva, Mashgiz, 1962. 179 p.

Small automatic groove milling and screw-thread rolling machines. I. M. Shevlinkov. Mashinostroenie no. 11 6-13 Jl-Ag '62

Vladimirov, L. V. and A. B. Klinchko. [The father of machines; stories about machine tools] Otets mashin; rasskazy o stankakh. Moskva, Izd-vo "Znanie," 1962. 63 p. (Novoe v zhizni, nauke, tekhnike. IV Seriia Tekhnika, no. 15)

MACHINE TOOLS—ATTACHMENTS

Attachments with hydroplastic parts. G S Andreev. Mashinostroitel' no. 9:18-19 S '62.

Design of eccentric heads for machining internal grooves. V. A. Portnoi. Stan. i instr. 33 no. 9:14-16 S '62.

Kuznetsov, V. S., and V. A. Ponomarev. [Multipurpose attachments with interchangeable parts in the machinery industry; album of drawings] Universal'nosbornye prisposobleniia v mashinostroenii; albom chertezhei. 2. izd., ispr. i peter. Moskva, Mashgiz, 1962. 228 p.

Self-centering clamping devices for machine-tool attachments. G. I. Rabinovich. Stan. i instr. 33 no. 9.41-12 S '62.

MACHINE TOOLS—BIBLIOGRAPHY see Bibliography—Machine tools

MACHINE TOOLS—DESIGN

Designing equipment for machine-tool units and automatic lines IU. L. Fromin. Stan. i instr. 33 no. 9 5-8 S '62.

MACHINE TOOLS—ELECTRIC DRIVING

Some problems in the dynamics of machines with an electric drive V. L Veits, V. L Dobrosiavskii. Trudy Inst. mash. Sem. po teor. mash. i mekh 23 no. 91 54-66 '62.

MACHINE TOOLS—MAINTENANCE AND REPAIR

(see also subdivision under Sverdlovsk Province)

Important potential for increasing labor productivity. K. Kuznetsova, A. Rybkina. Sots. trud 7 no. 9:61-67 S '62.

Warping of cast-iron base parts of precision machine tools and methods for preventing this warping. O. IU. Kotsiubinskii and others. Stan. i instr. 33 no. 9 1-5 S '62.

MACHINE TOOLS—NUMERICAL CONTROL

Establishing a program for program controlled machine tools. A. P. Gavrish. Mashinostroenie no. 4 16-23 Jl-Ag '62.

Mathematical processing of initial data for program controlled machine tools B V Anisimov Avtom upr i vych tekh no 5 295-317 '62

MACHINE TOOLS—STANDARDS

Standardization of units of machine-tool sets and automatic lines. D. B. Furman. Vest. mashinostr. 42 no. 9:41-43 S '62.

Standardizing the precision requirements for machine tools. N. V. Sokolova. Standartizatsiia 26 no. 9.3-6 S '62.

MACHINE TOOLS—TECHNOLOGICAL INNOVATIONS

Economic efficiency in the design of automatic production systems. L. V. Bartashev. Mashinostroenie no. 4.100-101 Jl-Ag '62.

MACHINERY

Akademiia nauk BSSR, Minsk. Institut mashynaznaustva. [Efficiency of automatic machinery] O proizvodite'nosti avtomaticheskikh mashin. Minsk, Izd-vo Akad. nauk BSSR, 1962. 206 p.

Practice in calculating the reliability and durability of articles. B. I. Kolesnikov. Mekh. i avtom. proizv. 16 no. 8:36-40 Ag '62.

MACHINERY—CONSTRUCTION

Increasing engineering efficiency of units by welding. I. P. Lepeiko, L. U. Olelnik. Mashinostroenie no. 4.63-64 Jl-Ag '62.

[Machinery manufacture] Ref. zhur.: Mashinostr. no. 20 O '62.

Using reinforced concrete in the manufacture of machinery. F. M. Gitman. Mashinostroenie no. 4.74-77 Jl-Ag '62.

MACHINERY—DESIGN

(see also subdivision under Virgin Territory)

Analytical principles for the selection of materials, calculation of reliability and durability of machinery. V. P. Popov, A. P. Popov. Mashinostroitel' no. 9:47 S '62.

Engineering efficiency of the designs of cast parts. F. V. Bogachev, IU. F. Ivanov. Vest. mashinostr. 42 no. 9: 35-10 S '62.

Fomin, A. A. [Machine parts, atlas of nomograms] Detali mashin; atlas nomogramm. Moskva, Vysshaia shkola, 1961. 113 p.

Some more precise definitions. G. N. Gladyshev. Mashinostroitel' no. 9 17 S '62.

MACHINERY—MAINTENANCE AND REPAIR

While they are repairing the machine.... I ev Il'inskii. Znan.-sila 37 no. 7:13-15 Jl '62.

MACHINERY—MODELS see subdivision under Leningrad

MACHINERY—SAFETY APPLIANCES

Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut miasnoi promyshlennosti. [Safety guards for machines and apparatus in meat industry enterprise] Ogradite'nye ustroistva mashin i apparatov na predpriiatiiakh miasnoi promyshlennosti. Pod red. V. M. Gorbatova. Moskva, Pishchepromizdat, 1962. 83 p.

MACHINERY—VIBRATION

Natural vibration conditions in an elastic controlled system [with summary in English]. V. B Lurie. Prikl. mekh. 8 no. 5:482-488 '62.

MACHINERY, KINEMATICS OF

Finding periodic ultimate conditions for the movement of a machine unit. V S. Loshchinin Trudy Inst. mash. Sem. po teor. mash. i mekh. 23 no. 91. 1-21 '62.

Kolchin, N. I., and M. S. Movnin. [Theory of mechanisms and machinery, construction and kinematics of mechanisms, dynamics of machinery and friction] Teoriia mekhanizmov i mashin; struktura i kinematika mekhanizmov, dinamika mashin i trenie. Pod obshchei red. N. I. Kolchina Leningrad, Sudpromgiz, 1962. 615 p.

Limitations in the use of kinematic pairs for statically determinate mechanisms. L. N. Reshetov. Vest. mashinostr. 42 no. 9:43-46 S '62.

MACHINERY INDUSTRY

(see also subdivision under Czechoslovakia; Kharkov, Leningrad; Rostov-on-Don, Rzhev; Sverdlovsk; Sverdlovsk Province; Ural Mountain region, Voronezh Province)

Basic trends of the capitalist market equipment [with English summary in appendix] A Zinoev Vneshn torg 12 no 8 30-34 '62

Important potential for increasing labor productivity. K. Kuznetsova, A. Rybkina. Sots. trud 7 no. 9:61-67 S '62.

Important production potentialities of the machinery industry. V. Lisitsyn. Kommunist 39 no. 15:51-60 O '62.

In the State Committee on Automation and Machinery Manufacture of the Council of Ministers of the U. S. S. R. Mekh. i avtom. proizv. 16 no. 8:64 Ag '62.

"Intraplant planning" by A. N. Korol'kov. Reviewed by B. Belkin. Plan. khoz. 39 no. 10:87-90 O '62.

Kalinin, P. E. [Economics and the organization of production in heat-treatment workshops] Ekonomika i organizatsiia proizvodstva v termicheskikh tsekhakh. Moskva, Mashgiz, 1962. 81 p.

Kuznetsov, V. I. [Present state of the machinery industry] Sovremennoe sostoianie mashinostroeniia; tsifry i fakty. Moskva, Ob-vo po rasprostraneniiu polit. i nauchn. znanii RSFSR, 1961. 38 p. (V pomoshch' lektoru)

Makeenko, M. M. [Outline of the development of the machinery industry in the U. S. S. R. in 1921-1928] Ocherk razvitiia mashinostroeniia SSSR, v 1921-1928 gg. Kishinev, Gos. izd-vo "Kartia moldovenaske," 1962. 332 p.

"Organization of production and work in machine manufacture," by A. Ovsepian. Reviewed by A Pukuchian. Prom. Arm. 5 no. 9:70-73 S '62.

Practice in calculating the efficiency of the mechanization and automation of production processes in the machinery industry. A. S. Konson. Mekh. i avtom. proizv. 16 no. 8:40-43 Ag '62.

Shul'man, E. F. [Line production in the machinery and instrument industries] Potochnoe proizvodstvo v mashinostroenii i priborostroenii; iz opyta zavodov s seriinym proizvodstvom. Moskva, Mashgiz, 1962. 232 p.

"Stone" machine tools. I. Fedorov. Znan.-sila 37 no. 6:9-11 Je '62.

MACHINERY INDUSTRY—ACCOUNTING

(see also subdivision under Kharkov; Taganrog)

Accounting for the expenditure of metal should be put in order! P. Frizen. Bukhg. uchet 10 no. 7:36-41 Jl '62.

Transferring parts and semifinished products within a plant without documentation. V. Klimenko and others. Bukhg. uchet 10 no. 7:0-23 Jl '62.

Using calculating machines in planning. N. Fetisov. Plan. khoz. 39 no. 10.35-43 O '62.

MACHINERY INDUSTRY—BIBLIOGRAPHY see Bibliography—Machinery industry

MACHINERY INDUSTRY—COSTS see subdivision under Moscow Province; White Russia

MACHINERY INDUSTRY—EQUIPMENT AND SUPPLIES

Establishing norms for stocks of equipment and materials in machinery manufacturing plants. M.P. Vinberg-Gorskii. Trudy KhPI 32 no.2,51-56 '59

MACHINERY INDUSTRY—HYGIENIC ASPECTS

Work of industrial and sanitary physicians in the preventive supervision over the production of machinery. M.I. Cherniavskii. Gig.i san. 26 no.12 56-59 D '61

MACHINERY INDUSTRY—LABOR PRODUCTIVITY

see subdivision under Ukraine

MACHINERY INDUSTRY—PRODUCTION STANDARDS

Methodology for developing norms. I.Shapiro. Sots. trud 7 no.9 98-103 S '62.

MACHINERY INDUSTRY—QUALITY CONTROL see subdivision under Kuybyshev Province

MACHINERY INDUSTRY—SAFETY REGULATIONS

Korsakov, M.I. [Safety regulations for repair and assembly work in the machinery industry] Tekhnika bezopasnosti pri remontnykh i montazhnykh rabotakh v mashinostroenii. Moskva, Mashgiz, 1962. 190 p.

"Safety regulations in the machinery industry" by M.L. Shevelev. Reviewed by A.T. Kuznetsov. Mashinostroitel' no.8 48 S '62.

MACHINERY INDUSTRY—STANDARDS

Standards for the machinery industry. Standartizatsiia 26 no.9 64 S '62.

MACHINERY INDUSTRY—STATISTICS

Statistical indices of specialization and cooperation in machinery manufacturing. P. Oktiabr'skii. Vest. stat. no.9 26-31 '62.

MACHINERY INDUSTRY—TECHNOLOGICAL INNOVATIONS see subdivision under Hungary, Kharkov, Leningrad, White Russia

MACHINERY INDUSTRY WORKERS see subdivision under Volgograd Province

MACHINISTS' TOOLS

Davydov, P.G. [Tools and devices used by mechanics] Instrument i prisposobleniia, primeniaemye slesariami; obzor. Leningrad, Leningr. dom. nauchno-tekhn. propagandy, 1962. 52 p.

MACROMOLECULAR COMPOUNDS

Molecular mechanism of the formation and development of an interface in the deformation of polymers in a highly elastic state. G.A. Patrikeev. Dokl. AN SSSR 146 no.2 402-405 S '62

Problem of the use of high-molecular compounds for structurizing soils. N.A. Kachinskii. Vest. Mosk. un. Ser. 6. Biol., pochv. 17 no.4 3-23 Jl-Ag '62.

MADRAS (STATE)—ELECTRIC POWER PLANTS

Electric power plants for tropical climates. I.A. Arashevskii, G. Chintulov. Arkhit. SSSR no.8,33-35 '62

MAGADAN PROVINCE—AGRICULTURE

Overlapping of agricultural lands. A. Borisov. Izobr. i rats. no.10:23 O '62.

MAGADAN PROVINCE—BUILDING—ESTIMATES

Uniform method for determining estimated costs in the Arctic and Far North regions. A. Vasin. Ekon. stroi. no.8 72-73 Ag '62.

MAGADAN PROVINCE—MILITARY EDUCATION

Together with the whole public. A. Makushkin. Voen. znan. 38 no.9:21-22 S '62.

MAGDESIAN, SUSANNA ARTEM'EVNA

Susanna Magdesian. A. Glebov. Teatr 23 no.9:167-168 S '62.

MAGNESITE

Developing and perfecting mining operations in "Magnezit" plant mines. A.P. Permiakov. Ogneupory 27 no.8 372-376 '62.

MAGNESIUM-ALUMINUM ALLOYS see Aluminum-magnesium alloys

MAGNESIUM ANTIMONIDE

New polymorphic conversion of Mg_3Sb_2. K.A. Bol'shakov, N.A. Bul'onkov, M.S. TSilin. Zhur. neorg. khim. 7 no.9:2271-2272 '62.

MAGNESIUM OXIDE

Study of field-dependent transmission of secondary electron emission. N.L. Asnopol'skii, V.S. Malysheva. Radiotekh. i elektron. 7 no.9:1657-1664 S '62.

MAGNESIUM OXIDE—SPECTRA

Changes in the spectral coefficient of diffusion reflection of magnesium oxide from 0.4 to 3.1 microns. Wei Kuang-wên. Izv. vys. ucheb. zav.; prib. 5 no.5:118-126 '62.

MAGNESIUM PERCHLORATE

Perchloric acid and its compounds as catalysts of organic synthesis. Part 6 Magnesium perchlorate (anhydrone), a convenient catalyst of acylation of organic compounds by acid anhydrides. G.N. Dorofeenko, V.I. Dulenko, L.M. Antonenko. Zhur. ob. khim. 32 no.9:3047-3052 S '62.

Perchloric acid and its compounds as catalysts of organic synthesis. Part 7 Acylation of anisole, phenetole, and thiophene by carboxylic chlorides in the presence of magnesium perchlorate (anhydrone). G.N. Dorofeenko, V.I. Dulenko, V.V. Baeva. Zhur. ob. khim. 32 no.9 3052-3054 S '62.

MAGNETIC AMPLIFIERS

Bogoslovskii, A.S. [Magnetic amplifiers] Magnitnye usiliteli. Moskva, Voenizdat, 1962. 93 p. (Za voenno-tekhnicheskie znaniia)

Calculating characteristics of a phase-sensitive transformer-coupled magnetic amplifier. O.B. Rosenbauli, R.N. Rodin. Trudy MAI no.115 116-121 '62

Design of magnetic power amplifiers. E.L. Ivov. Elektrichestvo no.9 53-60 S '62.

Designing a differential magnetic power amplifier with a combined load. O.B. Rosenbauli, R.N. Rodin. Trudy MAI no.115 105-115 '62.

MAGNETIC ANOMALIES

Voloda'skii, R.T., and others. [Use of electronic calculating machines to interpret gravity and magnetic fields] Primenenie elektronno-schetnykh mashin dlia interpretatsii gravitatsionnykh i magnitnykh polei. Pod red. V.V. Fedynskogo. Moskva, Gostoptekhizdat, 1962. 74 p.

MAGNETIC CIRCUITS

An accelerated method for thermal treatment of magnetic circuits from cold-rolled electrical steel. F.V. Ul'iash, M.M. Nazarov. Vest. elektroprom. 33 no.10:61-64 O '62.

MAGNETIC FIELDS

Development of the electrostatic instability of a plasma in a high magnetic field. A.A. Vedenov, E.P. Velikhov. Dokl. AN SSSR 146 no.1 65-68 S '62.

Dimensional effect in a metal in multiple magnetic fields. V.F. Gantmakher. Zhur. eksp. i teor. fiz. 43 no.1 345-347 Jl '62

Effect of spatial amplification of variable magnetic fields in the case of magnetoacoustic resonance in a plasma [with summary in English]. I.A. Kovan and others. Zhur. eksp. i teor. fiz. 43 no.1 16-20 Jl '62.

Effect of longitudinal magnetizing of an antiferromagnetic by a transverse circularly polarized magnetic field. E.A. Turov. Zhur. eksp. i teor. fiz. 42 no.5:1415-1416 My '62.

Exact determination of the distribution of a magnetic field in electric machines with a small air gap [with summary in English]. R. Parts. Izv. AN Est. SSR, Ser. fiz.-mat. i tekh. nauk 11 no.3 190-202 '62

Focusing of charged particles by one straight-line boundary of a homogeneous magnetic field [with summary in English]. V.R. Saulit. Vest. LGU 17 no.16,72-81 '62.

Interaction between a space charge and a high-frequency field in cyclic accelerators. V.K. Grishin. Vest. Mosk. un. Ser. 3:Fiz., astron. 17 no.4,40-41 Jl-Ag '62.

Kinetic transitions. A.A. Vedenov. Zhur. eksp. i teor. fiz. 43 no.1 333-335 Jl '62

Magnetic deflector. A.V. Popov, P.V. Smirnov, I.A. Shukello. Zhur. tekh. fiz. 32 no.9:1037-1039 S '62

Magnetic moment of thin superconducting films [with summary in English]. G.F. Zharkov. Zhur. eksp. i teor. fiz. 42 no.5:1397-1399 My '62.

Nonlinear theory of the interaction between beams of charged particles and a plasma in a magnetic field [with summary in English]. V.D. Shapiro, V.I. Shevchenko. Zhur. eksp. i teor. fiz. 42 no.6:1515-1528 Je '62.

Oscillations of tunnel current in a magnetic field. V.G. Bar'iakhtar, V.I. Makarov. Dokl. AN SSSR 146 no.1: 63-64 S '62.

Parametric excitation of spin waves in ferrates at ultrahigh frequencies. G.A. Petrakovskii, G.A. Red'kin. Izv. vys. uch. zav., fiz. no.4,54-61 '62.

Production of a high pulsed magnetic field in solid single-turn solenoids of small volume. G.A. Shneerson. Zhur. tekh. fiz. 32 no.9:1153-1150 S '62.

Shock waves in a rarefied plasma placed in a weak magnetic field. S.S. Moiseev, R.Z. Sagdeev. Dokl. AN SSSR 146 no.2:320-332 S '62.

Some evaluations of a pulse plasma accelerator. N.I. Kolosnitsyn. Vest. Mosk. un. Ser. 3:Fiz., astron. 17 no.4:18-23 Jl-Ag '62.

Theory of the stability of a conducting fluid cyclinder in a magnetic field. Iu.V. Vandakurov. Prikl. mat. i mekh. 26 no.5:877-884 S-O '62.

Theory of the surface effect in ferromagnetics in the case of a nonsinusoidal field. A.Z. Veksler, N.V. Pen'kov. Zhur. tekh. fiz. 32 no.9:1101-1114 S '62.

MAGNETIC FIELDS—MEASUREMENTS

Theory of iron-probe magnetometers for heterogeneous magnetic fields. R.I. Arnus. Fiz. met. i metalloved. 14 no.3:366-373 S '62.

MAGNETIC FIELDS (COSMIC PHYSICS)

Analysis of the distribution of interstellar polarization and the character of the galactic magnetic field [with summary in English]. V.A. Dombrovskii. Uch. zap. LGU no.307:88-110 '62.

Determining the intensity of the magnetic field in prominences on the basis of investigation of their internal movements. G.M. Idlis and others. Izv. Astrofiz. inst. AN Kazakh. SSR 2,71-96 '60.

MAGNETIC MATERIALS

Theory of the spontaneous Hall effect in ferromagnetics [with summary in English]. Iu.P. Irkhin, V.G. Shapiro. Zhur. eksp. i teor. fiz. 42 no.5:1233-1240 My '62.

MAGNETIC MATERIALS—THERMAL PROPERTIES

Thermal conductivity of nickel-zinc ferromagnetic semiconductors in the 80°-500°K temperature range. I.K. Kamilov. Fiz. tver. tela 4 no.9,2312-2316 S

MAGNETIC MEASUREMENTS

Highly-sensitive photoelectric fluxmeter. A.N. Tkachenko. Izv. vys. uchеb. zav., prib. 5 no.4 11-16 '62.

Vizun, Iu.I. [The (Stend "S-2") device for studying the pulse characteristics of magnetic cores] Pribor dlia izucheniia impul'snykh svoistv magnitnykh serdechnikov (Stend "S-2") Moskva, ITM i VT AN SSSR, 1961. 82 p. (Elektronnye vychislitel'nye mashiny) (With summary in English)

MAGNETIC MEMORY (CALCULATING MACHINES)

Memory device using a magnetic drum. I.A. Kharitonov. Avtom. upr. i vych. tekh. no.5 118-155 '62

Nomographic method for keeping functions of several variables in computer storage. A.N. Kazangapov. Izv. AN Kazakh. SSR, Ser. mat. i mekh. no.10 86-92 '62

Toropov, V.S. [Use of an "ideal" hysteresis loop of ferromagnetic materials in magnetic memory systems] Primenenie "ideal'noi" petli gisterezisa ferromagnetikov v magnitnykh zapominaiushchikh ustroistvakh. Moskva, Vychislitel'nyi tsentr AN SSSR, 1962. 32 p.

MAGNETIC PROSPECTING

Association of Vsr anomalies with a one-dimensional two-dimensional, and three-dimensional body. A. Ilnitkov. Geofiz. razved. no.9,36-44 '62.

Conducting magnetic surveys with the creation of a net of magnetic benchmarks. S.S. Krasovskii. Geofiz. sbor. no.3 66-72 '62.

Connection between anomalies with weak intensity and high-grade iron ores of the Kursk Magnetic Anomaly. V.I. Pavlovskii, I.A. Zhavoronkin. Geofiz. razved. no.9:15-51 '62.

Sources of errors in conducting medium and large scale magnetic surveys. S.S. Krasovskii. Geofiz. sbor. no.3:54-65 '62.

MAGNETIC RECORDERS AND RECORDING

The AP-3 automatic switch for recording test films. Laptoveta. Trudy VNAIZ no.9:118-122 '61

Demagnetization of magnetic films. IA.A. Mazo, L.I. Shtif, N.I. Astrzhembitskaia. Trudy VNAIZ no.9:3 '61.

Effect of climatic factors on the stability of the parameters of a magnetic tape recording system. V.A. Samoss Trudy VNAIZ no.9:65-80 '61.

The M-154 multichannel magnetic tape recorder appa V.S. Smirnov. Trudy VNAIZ no.9,103-108 '61.

Magnetic reverberators and their uses. S.V. Shul'gin V.M. Bellakov. Trudy VNAIZ no.9:86-102 '61

New mass-produced magnetic tape recorders having gone tests during 1960-1961. D.P. Vasilevskii. Tr VNAIZ no.9:123-127 '61

A simple stereophonic recording head. Iu. Ustinov. Radio no.9:45 S '62.

Temperature dependence of the magnetic properties sound carriers. IA.A. Mazo, I.P. Mel'konovitskaia V.A. Samosskii. Trudy VNAIZ no.9:57-64 '61.

MAGNETIC RECORDERS AND RECORDING—EQUIPMENT AND SUPPLIES

Fine-dispersed nickel-zinc ferrites. A.S. Eisenovich Trudy VNAIZ no.9:130-145 '61

The TFMS-2 system for measuring the thickness of the magnetic layer of a tape. V.S. Smirnov. Trudy VN no.9:109-117 '61.

The type-6 magnetic tape. I.I. Eliasberg. Trudy VN no.9:169-172 '61.

Universal adapters. V. Trushkin. Radio no.9:45 S '62.

MAGNETIC RESONANCE ACCELERATOR see Cyclo

MAGNETISM, TERRESTRIAL

(see also subdivision under Donets Basin; Ukraine

Using the archaeomagnetic method for dating archaeological objects. S.P. Burlatskaia. Sov. arkheol. no.3:99-104 '62.

MAGNETITE see subdivision under Krivoy Rog Basin; Saksagan' Valley

MAGNETIZATION

Effect of longitudinal magnetizing of an antiferromag by a transverse circularly polarized magnetic field. E.A. Turov. Zhur. eksp. i teor. fiz. 42 no.5,1415-1 My '62.

MAGNETOHYDRODYNAMICS

Discontinuity surfaces with emission (absorption) of energy in magnetohydrodynamics. A.A. Barmin. Prikl. mat. i mekh. 26 no.5,801-810 S-O '62.

Magnetoacoustic waves in a cylindrical plasma colu allowing for nonlinearity and absorption [with sumar in English]. S.I. Solutan. Zhur. eksp. i teor. fiz. no.1:185-192 Jl '62.

Motion of a plane piston in a medium of finite conduc taking the effect of an electromagnetic field into ac V.P. Karlikov, V.P. Korobeinikov. Prikl. mat. i m 26 no.5:970-972 S-O '62.

MAGNETOHYDRODYNAMICS (Continued)

Reflection of magnetoacoustic waves. L.IA.Kosachevskii. Prikl.mat.i mekh. 26 no.5:942-947 S-O '62.

A self-similar solution to magnetohydrodynamic equations. A.A.Bogacheva, M.D.Ladyzhenskii. Prikl. mat.i mekh. 26 no.5:821-835 S-O '62.

Setting the problem of the magnetohydrodynamic boundary layer. G.A.Liubimov. Prikl.mat.i mekh. 26 no.5:811-820 S-O '62.

Steady quasi-unidimensional magneto-gas dynamic flows, assuming finite conductivity. R.I.Khrapko. Zhur.tekh.fiz. 32 no.9:1069-1071 S '62.

Unsteady plane-parallel flow of a viscous conducting gas taking the anisotropy of the conductance into account. IA.S.Ufland. Prikl.mat.i mekh. 26 no.5:836-841 S-O '62.

MAGNETOOPTICS

Magnetooptical properties of alloys of the system nickel - cobalt in the region of small cobalt concentrations. A.N.Levkov, E.I.Shkolina. Izv.vys.uch.zav., fiz. no.1:182-184 '62.

Magnetooptical resonance in ordered alloys and the intracrystalline field of a ferromagnetic metal [with summary in English]. G.S.Krinchik, R.D.Nuralieva. Zhur.eksp.i teor.fiz. 42 no.6:1442-1450 Je '62.

MAGNETOSTRICTION

Effect of the longitudinal and transverse shape on the magnetostriction of iron ellipsoids. F.N.Dunaev, V.M.Kalinin. Fiz.met.i metalloved. 14 no.3:462-464 S '62.

MAGNETRONS

Approximate theory of steady-state conditions in a multiresonant magnetron. IU.M.Trifonov. Vest.Mosk.un. Ser.3,Fiz., astron. 17 no.1:45-54 Ja-Ag '62.

MAGNITSKII, VASILII KONSTANTINOVICH, 1839-1901

V.K.Magnitskii, ethnographer of the Chuvash people. N.R.Romanov. Uch.zap.ChNII no.21,353-370 '62.

MAGYARS

Molnar, Erik. [Problems of the ethnogenesis and the ancient history of the Hungarian people] Problemy etnogeneza i drevnei istorii vengerskogo naroda. Budapest, Academia scientiarum Hungarica, 1955. 137 p. (Studia historica Academiae scientiarum Hungaricae, no.13) [Summary in French] (MIU)

MAIAKOVSKII, VLADIMIR VLADIMIROVICH, 1894-1930

Vidishchev, B.V. [On the literary craftsmanship of classical writers: "Mtsyri" by Lermontov, and "With a full voice" by Maiakovskii] O khudozhestvennom masterstve pisatelei-klassikov: Lermontov"Mtsyri," Maiakovskii"Vo ves' golos!" Balashov, Balashovskii gos. pedagog. in-t, 1961. 22 p. (V pomoshch' shkole) (MIH)

MAILIN, BEIMBET, 1894-1938

B.Mailin's stories [in Kazakh with summary in Russian]. B.Nauryzbaev. Izv.AN Kazakh.SSR.Ser.filol.i lsk. no.2:23-32 '62.

Initial stage of B.Mailin's career [in Kazakh with summary in Russian]. M.Al'khanov. Izv.AN Kazakh SSR Ser.filol.i lsk. no.2:13-21 '62.

MAIZE see Corn (Maize)

MAKARENKO, ANTON SEMENOVICH, 1888-1939

From the archives of A.S.Makarenko. Nar.obr. no.10: 105-109 O '62.

"Theory and history of pedagogics," edited by A.V.Osokov. Reviewed by D.Dobrusin. Nar.obr. no.10:110-112 O '62.

MAKAROV—NEWSPAPER AND PERIODICAL CIRCULATION

In a communist labor group. Raspr.pech. no.7:10-11 Jl '62.

MAKHAEV, MIKHAIL IVANOVICH, 1716-1780

The drawings in "Kniga Marsova" (Book of Mars); on the question of their attribution to M.I.Makhaev. L.K. Koshkarova. Kniga, issl.i mat. 6:132-145 '62.

MAKHARADZE DISTRICT—PEGMATITES

Pegmatites of the Vakidzhvari region (Georgia). E.K. Vezirishvili. Trudy Geol.inst AN Gruz.SSR. Min.i petr.ser. 6:5-14 '61.

MAKHARADZE DISTRICT—ROAD CONSTRUCTION

The road to Bakhvy. IU.Zvlagin. Sov.deput.trud. no.10:88 O '62.

MAKSIMOV, NIKOLAI ALEKSANDROVICH, 1880-1952

In memory of Academician N.A.Maksimov. V.G.Kochenkov. Fiziol.rast. 9 no.4:517 '62.

MAKSIMOV, TROFIM IVANOVICH, d. 1962

T.I.Maksimov; obituary. Tekh.kino i telev. 6 no.10: 66 O '62.

MAKSIMOVICH-AMBODIK, NESTOR MAKSIMOVICH, 1744-1812

N.M.Maksimovich-Ambodik, the father of Russian obstetrics; on the 150th anniversary of his death. L.Kh. Dukhin. Fel'd.i akush. 27 no.7:34-37 Jl '62.

MALACHITE GREEN

New methods for applying malachite green in ichthyophthiriasis of carp. B.S.Avdos'ev. Ryb.khoz. 38 no.7:27-28 '62.

MALARIA

Infection with quartan malaria through parasitic carriers. A.A.Kordina. Med.parazit.i parazit.bol. no.3 333-339 '62.

MALAYA—HISTORY

Tiurin, V.A. [How the British conquered Malaya] Zavoevanie Malaii Angliei. Moskva, Izd-vo vostochnoi lit-ry, 1962. 108 p.

MALEIC ANHYDRIDE

Chemistry of divinylacetylene and its halo derivatives. Part 11. Dimer of cis-2,3,4,5-tetrachloro-1,4,5-hexatriene and its adduct with maleic anhydride. A.N. Akopian, V.S.Aslamazian. Zhur.ob.khim. 32 no.8: 2443-2446 Ag '62.

Effect of benzoic acid, phthalic and maleic anhydrides on the isotope exchange of sulfur atoms. G.A.Blokh and others. Zhur.ob.khim. 32 no.9:2800-2803 S '62.

MALI—JOURNALISTS

On the banks of the Niger. Viktor TSoppi. Sov.pech. no.9:56-57 S '62.

MALI—MONEY

The monetary reform in Mali is an important step on the path toward economic independence. Den.i kred. 20 no.9:76-77 S '62.

MALIUTINA, OL'GA SERGEEVNA

Abramova, A.V. Ol'ga Sergeevna Maliutina. Moskva, Sovetskii khudozhnik, 1961. 60 p. illus., plates. (MH)

MALONIC ACID

Phosphorylation of malonic acid esters. V.I.Shevchenko, P.D.Bodnarchuk, A.V.Kirsanov. Zhur.ob.khim. 32 no.9,2991-3001 S '62.

MALTHUSIANISM

Reactionary theories of population in the service of colonialism. A.Popov. Mir.ekon.i mezhdunar.otn. no.10:39-48 O '62.

MALYKH, MARIIA ALEKSANDROVNA, 1870-

Mariia Malykh's publishing house. A.Z.Dan. Kniga, issl.i mat. 6:183-191 '62.

MALYSHKO, ANDRII, 1912-

Generosity, on the occasion of Andrii Malyshko's 50th birthday. V.P.Ivnyshenko. Rad.lit. 6 no.5:50-65 O '62.

MAMIN, DMITRII NARKISOVICH, 1852-1912

Mamin-Sibiriak. V.Ocheretin. V mire knig 2 no.9: 32-33 S '62.

MAMMALS

(see also subdivision under Bulgaria)

"Mammals of the Soviet Union. Vol 1 Artyodactyla and perissodactyla" Reviewed by S.P.Naumov. Zool.zhur. 41 no.8:1274-1276 Ag '62.

MAMMALS—EMBRYOLOGY see Embryology—Mammals

MAMMALS, FOSSIL see subdivision under Chuvashia

MAMOLAYEVO REGION—ABSCISSION (BOTANY)

Unusual development of plants. G.N.Klokov. Priroda 51 no.8:128 Ag '62.

MAMOLAYEVO REGION—PLANTS, FLOWERING OF

Unusual development in plants. G.N.Klokov. Priroda 51 no.8:128 Ag '62.

MAN

Davenport, R.W. [The dignity of man. Translated from the English] Dostoinstvo cheloveka. [New York, Freedom Fund, 1960] 245 p. (CLU)

MAN—PARASITES see Parasites—Man

MANAGEMENT see subdivision under Kalinino District

MANGANESE

Data for determining the permissible concentration of manganese (bivalent and tetravalent) in the water of reservoirs [with summary in English]. R.E.Khazharadze. Gig.i san. 26 no.12 8-14 D '61.

MANGANESE COMPOUNDS—PHYSIOLOGICAL EFFECT

Contamination of the air by manganese compounds and their effect on the organism. V.F.Dokuchaeva, N.N. Skvortsova. Pred.dop.kontsent.atmosf.zagr. no.8: 68-80 '62.

MANGANESE ORES

Concentrating manganese ore in a magnetite suspension in a hydrocyclone. G.M.Kosoi, L.F.Subbota. Met.i gornorud.prom. no.4:60-63 Jl-Ag '62.

Outlook for introducing the flotation of ferrous metal ores. N.P.Titkov and others. Gor.zhur. no.9:57-62 S '62.

MANNITOL

Vinylation of mannitol and its aceto derivatives. B.I. Mikhantiev, V.L.Lapenko, L.P.Pavlov. Zhur.ob.khim. 32 no.8:2505-2508 Ag '62.

MANOMETER—STANDARDS

Improving the quality of manometers. Standartizatsiia 26 no.9:61 S '62.

MANTUROVO (KOSTROMA PROVINCE)—CREDIT

Our practice in controlling the maintenance of credit. I.Dobrovol'skii. Den.i kred. 20 no.8 61-64 Ag '62.

MANUAL TRAINING

Development of student work activity. S.Abdullina. Nar.obr. no.10,insert 13-15 O '62.

[Do it yourself, the third meeting of grades 7-8] Zroby sam, III zustrich uchniv VII-VIII klasy. Kyiv, Dytvydav, 1962. 105 p. (Znai, umii, zroby)

From early childhood. I.Malorova and others. Nar.obr. no.10 insert 9-13 O '62.

MANUFACTURES—ABSTRACTS

[Light industry] Ref.zhur.: Leg.prom. nos.10-20 O '62.

MANUSCRIPTS see subdivision under Kalinin

MANUSCRIPTS (PAPYRI)

Texts on papyrus. Translated from the English. Muhammad Ahmad Husayn. Kniga: issl.i mat. 6:211-240 '62.

MANUSCRIPTS, ARMENIAN

Abgarian, G.V. Matenadaran. Erevan, Gos. Izd-vo Armenii, 1962. 71 p. illus.

MANUSCRIPTS, FRENCH see subdivision under Leningrad

MANUSCRIPTS, PERSIAN

Rzevskii, S.I. [Description of Persian and Tajik manuscripts in the Institute of Asian Peoples] Opisanie persidskikh i tadzhikskikh rukopisei Instituta narodov Azii. Moskva, Izd-vo vostochnoi lit-ry

No.1 [Persian explanatory dictionaries (farhang) Persidskie tolkovye slovari (farhang). 1963. 77 p.

MANUSCRIPTS, SOGDIAN

[Sogdian documents from Mt.Mug; reading, translating, and commentating] Sogdiiskie dokumenty s gory Mug, chtenie, perevod, kommentarii. Moskva, Izd-vo Vostochnoi lit-ry.

No.1. Freiman, A.A. [Description, publication, and study of documents from Mt.Mug] Opisanie, publikatsii i issledovanie dokumentov s gory Mug. 1962. 80 p.

MANZHURA, IVAN IVANOVICH, 1851-1893

Literary parallels to I.Manzhura's poems. T.T.Dukhovnyi. Rad.lit. 6 no.5:115-127 S-O '62.

MAP PROJECTION

On the best equivalent projections. G.A.Meshcheriakov. Izv.vys.ucheb.zav.: geod.i aerof. no.2:115-125 '62.

MAPLE see subdivision under Podolia

MAPS

New atlases and maps. I.M.Kovlov. Geog.v shkole 26 no.5:91-92 S-O '62.

MAPS—CATALOGS

"Catalog of foreign geographical maps published in 1940-1958" by T.N.Mel'nikova, T.A.Stanchul. Reviewed by IU.D.Dmitrevskii. Izv.Vses.geog.ob-va 94 no.4: 356 Jl-Ag '62.

MAPS—SYMBOLS

Shuleikin, A.S. and others. [Lettering for plans and maps] Shrifty dlia planov i kart. Moskva, Geolizdat, 1962. 54 p.

MARAT, JEAN PAUL, 1743-1793

Manfred, A.Z. Marat. Moskva, Izd-vo "Molodnia gvardiia," 1962. 352 p. (Zhizn' zamechatel'nykh liudei. Seriia biografii, no.6(341))

MARBLE INDUSTRY

Mechanize the quarrying of marble. V.Romanov, A.Slovtsov. Na ostrol.Ros. 3 no.5 33 My '62.

MARDZHANOV, KONSTANTIN ALEKSANDROVICH, 1873-1933

Mardzhanov-Mardzhanishvili; on the 90th anniversary of his birth. B.M. Teatr 23 no.9:157-158 S '62.

MARI A.S.S.R.—INDUSTRIAL MANAGEMENT

Mountains of official correspondence. Mikh.Marovol. Sov.deput.trud. no.10:42-45 O '62.

MARINE BOILERS see Boilers, Marine

MARINE DIESEL ENGINES

Characteristics of the main power plant on the motorship "Volgoles." G.I.Pustynskii. Inform.sbor.TSNIIMF no.68. Tekh.ekspl.mor.flota no.11:3-14 '61.

Dollnskii, P.A. [Centering the movement of marine diesel engines] TSentrovka dvizhenila sudovykh dizelei. Izd.3., perer.i dop. Moskva, Izd-vo "Morskoi transport," 1962. 227 p.

Investigating the operation of the Burmeister and Wain 8DKRN 74/160 engine. V.I.Zinchenko. Trudy TSNIIMF no.38:46-61 '61.

Investigating the use in diesels of a double injection of fuel. N.N.Knyazev. Trudy TSNIIMF no.38:81-101 '61.

Questions and answers. Ryb.khoz. 38 no.7:85-86 '62.

MARINE DIESEL ENGINES—VIBRATION

Indirect evaluation of the technical conditions of a diesel engine by its vibration parameters. R. V. Kuz'min, I. L. Liutov. Inform. sbor., TSNIIMF no. 68, Tekh. ekspl. mor. flota no. 11:40-49 '61.

MARINE ENGINEERING

Altunovskii, M.I., and A.A. Promyslov. [Marine condenser plants] Sudovye kondensatsionnye ustanovki. Leningrad, Sudpromgiz, 1962. 401 p.

Curious phenomena of great importance. G. Smirnov. Tekh. mol. 30 no. 9:39-40 '62.

Dolgolenko, P. V., and B. P. Ruselkin. [Marine engineering and ship repairs] Tekhnologiia sudovogo mashinostroeniia i sudoremonta. Moskva, Izd-vo "Rechnoi transport."
Pt. 1. [Marine engineering] Tekhnologiia sudovogo mashinostroeniia. 1962. 343 p.

Measures to increase the reliability of D.A.U. systems. IU. Gavvo. Rech. transp. 21 no. 9:30 S '62.

MARINE ENGINES

Kut'in, L. I., and A. D. Kozev. [Marine steam engines] Sudovye parovye mashiny. Leningrad, Izd-vo "Morskoi transport," 1962. 302 p.

Use of radioactive isotopes for the determination of the shaft horsepower of a ship power plant. V. F. Bol'shakov. Inform. sbor., TSNIIMF no. 68, Tekh. ekspl. mor. flota no. 11:50-55 '61.

MARINE ENGINES—MAINTENANCE AND REPAIR

Reversible engine cleaning machine. V. Voloshin, IU. Kurylev. Rech. transp. 21 no. 9:46-47 S '62.

MARINE FOULING

Protecting hydraulic structures against Dreissena fouling. S. M. Liakhov. Priroda 51 no. 7:106-108 Jl '62.

Smirnov, N. A., and L. F. Zlatoverkhovnikov. [Improving the technical operation of hydraulic structures in harbors] Uluchshenie tekhnicheskoi ekspluatatsii portovykh gidrotekhnicheskikh sooruzhenii. Moskva, Izd-vo "Morskoi transport," 1962. 90 p.

MARITIME LAW

Legal regulation of the maritime transportation of freight. B. Riabinskii. Sov. iust. no. 18 20-21 S '62.

MARITIME TERRITORY—LAMELLIBRANCHIATA, FOSSIL

Permian Pelecypoda of the Grodekovskii region in the western part of the Maritime Territory. O. V. Lobanova. Sbor. st. po paleont. i biostrat. no. 25:52-60 '61.

MARITIME TERRITORY—ROCKS

Binding properties of some rocks from the Maritime Territory. P. P. Stupachenko, V. V. Zhukova. Strel. mat. 8 no. 8:35-36 Ag '62.

MARKOV PROCESSES

Central limit theorem for Markov processes with discrete time. S. V. Nagaev. Izv. AN Uz. SSSR. Ser. fiz. mat. nauk 6 no. 2:12-20 '62.

MARKOVNIKOV, VLADIMIR VASIL'EVICH, 1838-1904

"Vladimir Vasil'evich Markovnikov; his life and work" by A. F. Plate, G. V. Bykov, M. S. Eventova. Book review. Priroda 51 no. 8:13 Ag '62.

MARKOVYCH, MARIIA OLEKSANDRIVNA (VILINSKAIA) 1834-1907

Five excerpts from the unpublished works of Marko Vovchok. T. M. Riznychenko. Rad. lit. 6 no. 5:122-126 S-O '62.

On the fate of Marko Vovchok's autographs. O. E. Zasenko. Rad. lit. 6 no. 5:115-122 S-O '62.

Mnogarskii, K. A. [Essays in astrobiology] Ocherki po astrobiologii. Moskva, Izd-vo Akad. nauk SSSR, 1962. 119 p.

MARSHAK, SAMUIL IAKOVLEVICH, 1887- —BIBLIOGRAPHY see Bibliography—Marshak, Samuil Iakovlevich, 1887-

MARTENS see subdivision under Pechora Valley

MARTITE see subdivision under Belozerka region (Zaporozh'ye Province)

MARX, KARL, 1818-1883

Engels and Karl Marx's "Capital." L. Leont'ev. Vop. ekon. no. 9:68-81 S '62.

Folk satire and humor in the works of K. Marx and F. Engels. F. I. Lavrov. Nar. tvor. ta ont. 6 no. 1:25-30 Ja-Mr '62.

Karl Marx on certain problems in the history of the peoples in the Volga Valley. I. D. Kuznetsov. Uch. zap. ChNII no. 21:179-194 '62.

Marx, Karl, and Friedrich Engels. [Works] Sochineniia. Izd. 2. Moskva, Gospolitizdat.
Vol. 29. 1962. 729 p.

MARY—POTTERY

Techniques for manufacturing pottery with stamped ornaments from old Merv. S. B. Lunina. Izv. AN Turk. SSR, Ser. obshchestv. nauk no. 4:83-86 '62.

MARY OASIS see Murgab Oasis

MASERS

Coherence and directionality of the emission of a ruby optical maser. M. D. Galanin, A. M. Leontovich, Z. A. Chizhikova. Zhur. eksp. i teor. fiz. 13 no. 1:347-349 Jl '62.

Increasing the power of a ruby-type quantum pulse optical maser by resonator Q-factor modulation. N. G. Basov, V. S. Zuev, P. G. Kriukov. Zhur. eksp. i teor. fiz. 43 no. 1:353-355 Jl '62.

Ways to intensify light waves. S. A. Akhmanov, R. V. Khokhlov. Zhur. eksp. i teor. fiz. 43 no. 1 351-353 Jl '62.

MASS (CHEMISTRY) see Atomic mass

MASS SPECTROMETRY

Use of mass spectrometry in studying the mechanical breakdown of polymers. V. R. Regel', T. M. Muinov, O. F. Pozdniakov. Fiz. tver. tela 4 no. 9:2468-2473 S '62.

MASS TRANSFER

Determining the transport coefficients in a plasma by Grad's method. M. V. Samokhin. Zhur. tekh. fiz. 32 no. 9:1055-1062 S '62.

Mass transfer coefficients in the absorption of SO_2 from gases with lime suspensions. B. A. Cherikov. Khim. prom. no. 7:533-536 Jl '62.

Mass transfer in the extraction and reextraction of uranyl nitrate in packed columns. A. M. Rozen and others. Ekstr., teor., prim., app. no. 2 284-293 '62.

MASSAGE

Podrez, N. A. [Massage methods for the athletic trainer] Metodika trenirovochnogo massazha. Moskva, Izd-vo "Fizkul'tura i sport," 1962. 46 p.

MAST CELLS

Reaction of mast cells to hormones. A. A. Voitkevich, A. I. Bukhonova, L. N. Kulshova. Dokl. AN SSSR 146 no. 2:492-495 S '62.

MASTER AND SERVANT

"Master and servant; antifeudal stories from Mecklenburg [in German]. Edited by Gisela Schneidewind. Reviewed by E. Pomerantseva. Sov. etn. no. 4 215-217 Jl-Ag '62.

MATCHES

Review of the research work of the affiliated branch of the Central Scientific Research Institute of Veneer and Furniture completed during 1961. Der. prom. 11 no. 10:25 O '62.

MATERIA MEDICA
(see also subdivision Pomoriye)

Chemical osteosynthesis in fractures of the lower jaw. M. A. TSitsenoveiskii. Stomatologiia 41 no. 4:45-48 Jl-Ag '62.

MATERIA MEDICA, VEGETABLE

Floral pollen and prospects for its utilization in the national economy. F. M. Mikitin. Bot. zhur. 47 no. 7: 982-986 Jl '62.

Turova, A. D., ed. [Medicinal substances from plants] Lekarstvennye sredstva iz rastenii. Moskva, Medgiz, 1962. 315 p.
(DNLM)

MATERIALS, EFFECT OF RADIATION ON—CONGRESSES

Session of the Department of Technical Sciences of the Academy of Sciences of the Ukrainian S.S.R. on problems involving the effect of nuclear radiations on the properties of materials. M. S. Koval'chenko, V. S. Neshpor. Atom. energ. 13 no. 4:388-390 O '62.

MATERIALS HANDLING
(see also subdivision under Leningrad Economic region)

Comprehensive improvement of intraplant transportation. V. Zil'berberg. Sots. trud 7 no. 9:47-51 S '62.

Equipment for cooling and loading cast iron on cars. D. M. Rozhkov, A. V. Anurin. Metallurg 7 no. 8:7-8 Ag '62.

[Handbook on loading, unloading, and conveying operations in construction] Spravochnik po pogruzochno-razgruzochnym i transportnym rabotam na stroitel'stve. Pod red. G. P. Grinevicha. Moskva, Gosstroiizdat, 1962. 376 p.

Reducing the expenditure of manual labor. I. Rozenberg. Sots. trud 7 no. 9:56-60 S '62.

Riakin, A. I., and B. A. Urvantsev. [Load slinging] Stropovka gruzov. Moskva, Mashgiz, 1962. 163 p.

A unified transportation-warehouse workshop in a plant. L. Bolchenko. Sots. trud 7 no. 9:51-53 S '62.

MATERIALS HANDLING—ABSTRACTS

[Industrial transportation] Ref. zhur.: Prom. transp. no. 10 O '62.

MATERIALS HANDLING—EQUIPMENT AND SUPPLIES

Hoisting, conveying and storing machinery. G. I. Kononenko, N. A. Noturius. Mekh. i avtom. proizv. 16 no. 9: 52-54 S '62.

Mechanization of conveying and storage operations. M. S. Slutsker. Avt. prom. 28 no. 10:3-4 O '62.

MATHEMATICAL ANALYSIS—PROBLEMS, EXERCISES, ETC.

Demidovich, B. P. [Collection of problems and exercises in mathematical analysis] Sbornik zadach i uprazhnenii po matematicheskomu analizu. Izd. 5., dop. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1962. 544 p.

Rivkind, IA. I. [Three hundred problems in mathematical analysis] 300 zadach po matematicheskomu analizu. Minsk, Izd-vo M-va vysshego, srednego spetsial'nogo i professional'nogo obrazovaniia BSSR, 1962. 64 p.

MATHEMATICAL DRAWING see Geometrical drawing

MATHEMATICAL ECONOMICS see Economics, Mathematical

MATHEMATICAL PHYSICS

Changes in the space and time metric during the transition through singular spheres. I. D. Novikov. Soob. GAISH no. 120:42-51 '62.

Use of direct methods of mathematical physics in quantum physics. A. N. Kushnirenko. Izv. vys. uch. zav.; fiz. no. 4:10-20 '62.

MATHEMATICAL STATISTICS

Linnik, IU. V. [Method of least squares and fundamentals of the theory of observation data processing in mathematical statistics] Metod naimen'shikh kvadratov i osnovy matematiko-statisticheskoi teorii obrabotki nabliudenii. Izd. 2., dop. i ispr. Moskva, Fizmatgiz, 1962. 349 p.

Smirnov, N. V., and L. N. Bol'shev. [Tables for calculating the function of two-dimensional normal distribution] Tablitsy dlia vychisleniia funktsii dvumernogo normal'nogo raspredeleniia. Moskva, Izd-vo Akad. nauk SSSR, 1962. 203 p.

Theory of statistically similar zones. IU. V. Linnik. Dokl. AN SSSR 146 no. 2:300-302 S '62.

MATHEMATICS

[Mathematics, translations of foreign articles] Matematika; period. sbor. perev. inostr. st. 6 no. 5 S-O '62.

Reality of mathematical abstractions. N. Rozov. NTO 4 no. 10:15-17 O '62.

Smirnov, V. I. [Course in higher mathematics] Kurs vysshei matematiki. Izd. 18, stereotipnoe. Moskva, Gos. izd-vo fiziko-matem. lit-ry.
Vol. 2. 1962. 628 p.

MATHEMATICS—STUDY AND TEACHING

Let's improve the teaching of mathematics. I. Petrakov. Nar. obr. no. 8:34-37 Ag '62.

Seminar on the history of mathematics. I. Zenkevich. Nar. obr. no. 8 125 Ag '62.

MATHEMATICS—TABLES, ETC.

Gradshtein, I. S., and I. M. Ryzhik. [Tables of integrals, sums, series, and products] Tablitsy integralov, summ, riadov i proizvedenii. Izd. 4., perer. pri uchastii IU. V. Geronimusa i M. IU. TSeitlina. Moskva, Fizmatgiz, 1962. 1100 p.

MATHEMATICS, ARABIC

History of the development of the concept of a number in Central Asiatic mathematics from the 10th to the 15th century. L. I. Cherkalova. Uch. zap. IAr. gos. ped. inst. no. 34:303-321 '60.

MATRICES

An iterative method for solving the complete eigenvalue problem. V. N. Kolopov. Ukr. mat. zhur. 14 no. 3:325-329 '62.

Spectral matrices of self-adjoint equations in finite differences. B. V. Bazanov. Izv. vys. ucheb. zav., mat. no. 3:3-10 '62.

Spectral representation for the Bethe-Salpeter amplitude. A. F. Plysh. Ukr. mat. zhur. 14 no. 3:337-340 '62.

MATRIX MECHANICS

Exclusion of divergences from the scattering matrix [with summary in English]. D. A. Slavnov. Zhur. eksp. i teor. fiz. 42 no. 6:1543-1553 Je '62.

MATSESTA—MINERAL WATERS, SULFUROUS

Late results of treatment with Matsesta high concentration baths; preliminary report. M. B. Leibovich. Vop. kur., fizioter. i lech. fiz. kul't. 27 no. 3:239-243 My-Je '62.

MATTER—PROPERTIES

Special features of the biological form of the motion of matter. T. Maritymenko. Komm. Ukr. 38 no. 8:43-51 S '62.

MAUPASSANT, GUY DE, 1850-1893

Guy de Maupassant's works in the Ukraine. M. M. Hres'ko. Rad. lit. 6 no. 5:129-136 S-O '62.

MAXILLARY SINUS—DISEASES

Calculus in the maxillary sinus. V. I. Dorofeev. Stomatologiia 41 no. 4,90 Jl-Ag '62.

MAYKOP REGION—LUMBERING

Closer to the life of workers. V. Samsonov. Part. zhizn' no. 20:42-45 O '62.

MAYMECHA VALLEY—LANDFORMS

Time of the relief formation in the Kotuy-Maymecha interfluve. V. P. Safronov. Trudy NIIGA 121:130-131 '62

MAYMECHA VALLEY—ROCKS, IGNEOUS
Alkali and alkali-ultrabasic rocks of the Sedete intrusion (Maymecha-Kotuy region). K. M. Shikhorina Trudy NIIGA 121,186-198 '62.

MCCONE, JOHN A., 1902-
John A. McCone. Mir. ekon. i mezhdunar. otn. no. 10: 132 O '62.

MEAL WORMS
Strengthen the control of meal beetles infesting grain. L. Geinhom. Muk.-elev. prom. 28 no. 7:7 Jl '62.

MEASLES
Measles. B. G. Shirvindt. Zdorov'e 8 no. 9:20-21 S '62.

MEASURING INSTRUMENTS
Andreeva, L. E. [Elastic elements of instruments Uprugie elementy priborov. Pod red. V. I. Feodos'eva. Moskva, Mashgiz, 1962. 454 p.
Device for measuring the depth of etching of the printing plates. V. I. Zelenskii, E. T. Lazurenko. Poligr. proizv. no. 9:21-22 S '62.
[Measures and Measuring instruments]. Mery i izm prib. no. 43 '61.
Present state and basic trends of the Soviet testing and dynamometric equipment. Priborostroenie no. 8, 1-2 Ag '62.
Selecting materials for the measuring contacts of pickups. B. M. Kuperman, N. N. Markov, V. M. Mashinistov. Stan. i instr. 33 no. 8 22-25 S '62.

MEASURING INSTRUMENTS—DESIGN
Design and construction of a precision spindle for measuring instruments. G. S. Birukov. Stan. i instr. 33 no. 9 16-18 S '62.

MEAT, SMOKED
Cancerogenic substances in food products [with summary in English]. P. P. Dikun. Trudy Inst. onk. AMN SSSR no. 4:139-154 '62.

MEAT INDUSTRY—EQUIPMENT AND SUPPLIES
Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut mlasnoi promyshlennosti. [Safety guards for machines and apparatus in meat industry enterprises] Ograditel'nye ustroistva mashin i apparatov na predprivatiiakh miasnoi promyshlennosti. Pod red. V. M. Gorbatova. Moskva, Pishchepromizdat, 1962. 83 p.

MEAT INDUSTRY—LAWS AND REGULATIONS
[Meat and canned meat] Miaso i konservy miasnye. Izd. ofitsial'noe. Moskva, Standartgiz, 1962. 432 p. (SSSR. Gosudarstvennye standarty)

MECHANICAL BRAINS see Cybernetics

MECHANICAL DRAWING—STUDY AND TEACHING
Simplest mechanical drawings in manual training lessons. S. F. Trifonov. Nach. shkola 39 no. 8 51-54 Ag '62.

MECHANICAL ENGINEERING
Bogpalko, V. P. [Handbook on mechanical engineering; automobile. Textbook for students] Rukovodstvo po mashinovedeniiu; avtomobil'. Posobie dlia uchashchikhsia. Izd. 4. Moskva, Gos. uchebno-pedagog. izd-vo, 1960. 1v.
Kuprianov, D. F., and G. F. Metal'nikov. [Fundamentals of technical mechanics] Osnovy tekhnicheskoi mekhaniki. Leningrad, Izd-vo "Rechnoi transport," 1962. 387 p.

MECHANICAL ENGINEERING—BIBLIOGRAPHY see Bibliography—Mechanical engineering

MECHANICAL ENGINEERING—STUDY AND TEACHING
What engineering training is needed by a chemical technologist? V. A. Zinov'ev and others. Vest. vys. shkoly 20 no. 8 47-53 Ag '62

MECHANICAL MOVEMENTS
Analytic determination of displacements of three-dimensional three-bar linkages with adjoining levers. P. A. Lebedev. Izv. vys. ucheb. zav.; prib. 5 no. 1:115-119 '62.
Design of three-demensional hinged mechanisms according to the position of the links. A. I. Komissarov, I. K. Skibitskaia. Nauch. trudy MTILP no. 23:164-170 '61.

MECHANICAL WEAR
Calculation of the loads and wear of the cutters of the ShBM cutter-loader. V. P. Fomtchev. Izv. vys. uch. zav.; gor. zhur. 5 no. 6:98-105 '62.
Effect of arsenic on the wear resistance of rail-type carbon steel. K. F. Starodubov, V. V. Kalmykov. Trudy Inst. chern. met. AN URSR 13:62-66 '62.
Practice in calculating the reliability and durability of articles. B. I. Kolesnikov. Mekh. i avtom. proizv. 16 no. 8:38-40 Ag '62.
Stability of traction chains of mine conveyors under the action of transverse loads. I. G. Shtokman, V. V. Bystrov. Izv. vys. uch. zav., gor. zhur. 5 no. 6:89-94 '62.
Wear of nodular cast iron piston rings during the running-in period [with summary in English]. B. P. Pakhomov, V. I. Tikhonovich. Nauch. trudy Inst. lit. proizv. AN URSR 11:118-123 '62.

MECHANICS
[Mechanics; translations of foreign articles] Mekhanika; period. sbor. perev. inostr. st. 13 no. 4 '62.

MECHANICS—CONGRESSES
Vsesoiuznyi s"ezd po teoreticheskoi i prikladnoi mekhanike. 1st, Moscow, 1960. [Proceedings of the All-Union Congress on Theoretical and Applied Mechanics, January 27-February 3, 1960] Trudy; obzornye doklady. Moskva, Izd-vo Akad. nauk SSSR, 1962. 467 p.

MECHANICS, ANALYTIC
Chetaev, N. G. [Stability of motion. Works on analytic mechanics] Ustoichivost' dvizheniia. Raboty po analiticheskoi mekhanike. Moskva, Izd-vo Akad. nauk SSSR, 1962. 535 p.
Kuprianov, D. F., and G. F. Metal'nikov. [Fundamentals of technical mechanics] Osnovy tekhnicheskoi mekhaniki. Leningrad, Izd-vo "Rechnoi transport," 1962. 387 p.
Some variational problems on approaching and interaction. G. I. Kontychev. Izv. vys. uchub. zav., av. tekh. 5 no. 3:25-33 '62.
Study of the precision of a six-bar linkage. M. B. Edilian. Izv. AN Arm. SSR, Ser. fiz.-mat. nauk 15 no. 3:77-83 '62.

MECHANICS, CELESTIAL
Solving the problem of two stationary centers by expansion in a series. R. K. Choudkhari. Vest. Mosk. un. Ser. 3: Fiz., astron. 17 no. 4, 83-91 Jl-Ag '62.

MECKLENBURG—FOLKLORE, GERMAN
"Master and servant, antifeudal stories from Mecklenburg [in German] Edited by Gisela Schneidewind Reviewed by F. Pomerantseva. Sov. etn. no. 4:215-217 Jl-Ag '62.

MEDICAL ASSISTANCE, RUSSIAN see subdivision under Congo (Leopoldville); India

MEDICAL CLIMATOLOGY see Climatology, Medical

MEDICAL COLLEGES see subdivision under Kiev

MEDICAL DELUSIONS
Facts reveal. Nauka i rel. no. 8:37 Je '62.

MEDICAL ELECTRONICS
Decatron-type erythrocyte and leucocyte counting device. A. Polivoda, A. Kozorezov. Radio no. 9, 22-24 S '62.
The second All-Union Conference on the Use of Electronics in Medicine and Biology. B. N. Aksenov, V. A. Khitun. Izv. vys. ucheb. zav.; prib. 5 no. 5:140-147 '62.

MEDICAL EMERGENCIES
Diagnosis of emergency surgical diseases of the organs of the abdominal cavity. N. I. Khuramovich. Fel'd. i akush. 27 no. 3-7 Jl '62.
Vaisbein, S. G. [Emergency states in the clinical treatment of internal diseases] Neotlozhnye sostoianiia v klinike vnutrennikh boleznei, diagnostika i terapiia. Izd. 3., perer. i dop. Moskva, Medgiz, 1962. 376 p. (DNLM)

MEDICAL GEOGRAPHY—ABSTRACTS
[Medical geography] Ref. zhur. Otd. vyp. 36: Med. geog. no. 10 O '62.

MEDICAL HELMINTHOLOGY
Control of soil-transmitted helminths [with summary in English]. P. Beaver. Med. parazit. i parazit. bol. no. 3 269-272 '62.
Problem of helminthiasis control. K. I. Skriabin. Med. parazit. i parazit. bol. no. 3: 265-267 '62.
Role of helminths in human pathology and the basic principles for their control [with summary in English]. P. Beaver. Med. parazit. i parazit. bol. no. 3: 267-269 '62.

MEDICAL HELMINTHOLOGY—CONGRESSES
International conference devoted to diseases in countries with hot climate. Report No. 2. The problem of helminthic and protozoan diseases. E. S. Leikina, V. B. Schensnovich. Med. parazit. i parazit. bol. no. 3 259-265 '62.

MEDICAL INSTRUMENTS AND APPARATUS
Magnetic chuck on permanent magnets. V. V. Kotovich. Med. prom. 16 no. 7 47-49 Jl '62.

MEDICAL INSTRUMENTS AND APPARATUS—MAINTENANCE AND REPAIR
Use of epoxy glue in repair work. G. D. Pekelis. Med. prom. 16 no. 7:52-54 Jl '62.

MEDICAL JURISPRUDENCE
(see also subdivision under Estonia, Odessa; Russia, Northern)
Sources of errors in the presentation of expertise by medical experts. I. IA. Kupov. Sud.-med. ekspert 5 no. 3:27-28 Jl-S '62.

MEDICAL JURISPRUDENCE—CONGRESSES
Scientific conference on the problem of complex forensic expertise. I. B. Dmitriev. Sud.-med. ekspert. 5 no. 3: 61-62 Jl-S '62.

MEDICAL LABORATORIES—BIBLIOGRAPHY see Bibliography—Medical laboratories

MEDICAL MUSEUMS see subdivision under Dresden

MEDICAL PARASITOLOGY see subdivision under Ceylon

MEDICAL PARASITOLOGY—BIBLIOGRAPHY see Bibliography—Medical parasitology

MEDICAL PERSONNEL see subdivision under Moscow Province

MEDICAL RESEARCH
Philosophical views of A. D. Kotsovskii. A. I. Babii. Izv. AN Mold. SSR no. 1:37-52 '62.

MEDICAL TESTS
Comparative evaluation of tests with bentonite, dermatol and latex used for the diagnosis of infectious nonspecific polyarthritis. M. P. Grigor'eva, V. I. Sachkov, T. M. Trofimova. Ter. ap. arkh. no. 8:68-71 '62
Utilization of the test of tissue hydrophilism in rheumatism in children. E. N. Korovaev, N. N. Gimadeev. Kaz. med. zhur. no. 3:38-39 My-Je '62.

MEDICINAL PLANT INDUSTRY see Botanical drug industry

MEDICINE
Be happy. IUn. nat. no. 8:18-19 Ag '62.
Importance of the ideological struggle with the Freudian concept in contemporary medicine and philosophy. E. S. Stankevich. Kaz. med. zhur. no. 3 78-81 My-Je '62.
"Medical problems in the works of M. V. Lomonosov" by S. M. Grombakh. Reviewed by I. M. Geizer. Med. sestra 21 no. 8 56-57 S '62.

MEDICINE—BIBLIOGRAPHY see Bibliography—Medicine

MEDICINE—ABSTRACTS
[Medical abstracts] Med. ref. zhur. sect. 3 vol. 6 no. 10 O '62. Sect. 4 vol. 6 no. 10 O '62. Sect. 5 vol. 6 no. 9-10 S-O '62. Sect. 6 vol. 6 no. 10 O '62. Sect. 7 vol. 6 no. 10 O '62. Sect. 8 vol. 6 no. 10 O '62. Sect. 10 vol. 6 no. 10 O '62
Short reports. Kaz. med. zhur. no. 3:65-77 My-Je '62.

MEDICINE—DICTIONARIES
A book for every family. S. TS. Shtanchaev. Fel'd. i akush. 27 no. 7:62-64 Jl '62.
Numbers printed in scientific literature; based on the practices of the editorial board of the Great Medical Encyclopedia. V. I. Davydov. Kniga. issl. i mat. 6: 286-293 '62.

MEDICINE—PRACTICE
Moscow. Poliklinika No. 1. [Contemporary methods of treatment and diagnosis in the polyclinic] Sovremennye metody lecheniia i diagnostiki v poliklinike. Moskva, Mosk. rabochii i diagnostiki v poliklinike. Moskva, Mosk. rabochii, 1962. 237 p. (DNLM)

MEDICINE—PHILOSOPHY
"Dialectical materialism and medicine" by L. I. Shaputo Reviewed by M. M. Abrashkov Vest. vys. shkoly 20 no. 8:90-92 Ag '62.

MEDICINE—STUDY AND TEACHING
Pioneers in medical education for women in Russia. A. A. Shikov. Med. sestra 21 no. 8:48-51 Ag '62.

MEDICINE, INTERNAL
Dolichocolon in the clinic for internal diseases. S. A. Rulikov. Zdravookhranenie 5 no. 4:43-48 Jl-Ag '62.
Vaisbein, S. G. [Emergency states in the clinical treatment of internal diseases] Neotlozhnye sostoianiia v klinike vnutrennikh boleznei; diagnostika i terapiia. Izd. 3., perer. i dop. Moskva, Medgiz, 1962. 376 p. (DNLM)

MEDICINE, MEDIEVAL
Fictional literature as a historical source in the study of medicine in the Middle Ages. M. E. Efendiev. Klin. med. no. 12:115-118 '61.

MEDICINE AND RELIGION
Murderers. S. Gorskii. Zdorov'e 8 no. 9:15 S '62.

MEDICINE IN LITERATURE
Fictional literature as a historical source in the study of medicine in the Middle Ages. M. E. Efendiev. Klin. med. no. 12:115-118 '61.

MEDICINE IN SPORTS see Sports medicine

MEGALITHIC MONUMENTS see subdivision under Korea

MEGRI DISTRICT—BATHOLITHS
Fractured tectonics of the contact-metasomatic belt of the southwestern part of the Megri-Ordubad batholith. S. A. Bektashi Uch. zap. AGU, Geol.-geog. ser. no. 4: 89-94 '60.

MELANOMA
Effect of pregnancy on the course of pigmented neoplasms [with summary in English]. M. M. Nivinskaia, IU. I. Karibov. Vop. onk. 8 no. 8:18-21 '62.

MELODRAMA
Just what is melodrama? IU. Kagarlitskii. Teatr 23 no. 8:66-72 Ag '62.

MELONS
Comparative physiological evaluation of ecologic types of melons based on heat resistance. N. G. Gordeeva. Sbor. trud. asp. i mol. nauch. sotr. VIR no. 1:233-238 '60.

MEMORIALS see subdivision under Neva Valley

MEMORY

Sukharevskii, L.M. [Memory] O pamiati. Moskva, Medgiz, 1962. 31 p.

MENDELEEV, DMITRII IVANOVICH, 1834-1907

"Dmitrii Ivanovich Mendeleev" by N.A. Figurovskii. Reviewed by S.IA. Plotkin. Priroda 51 no 8:126 Ag '62

MENIADEN see subdivision under Atlantic Ocean

MENINGES—TUBERCULOSIS

Electrical activity of the brain in the late periods following treatment of tuberculous meningitis [with summary in French]. V.G. Puskina. Zhur. nevr. i psikh. 62 no. 7:1018-1023 '62.

Erofeev, P.P. [Tuberculosis of the brain, spinal cord and meninges; a morphological study] Tuberkulez golovnogo, spinnogo mozga i obolochek, morfologicheskoe issledovanie. Moskva, Medgiz, 1962. 222 p. (DNLM)

Etiology and pathogenesis, clinical aspects and treatment of spinal leptopachymeningitis, developing as a late sequel to tuberculous meningitis [with summary in French] P.M. Al'perovich, M.V. Vilikher. Zhur. nevr. i psikh. 62 no. 7:1006-1011 '62.

New prognostic criteria in the late period of the treatment of tuberculous meningitis [with summary in French] Borislav Iv. Iordanov. Zhur. nevr. i psikh. 62 no. 7: 1012-1017 '62.

MENINGITIS

Meningeal syndrome in tumors of the brain in children [with summary in French]. F.S. Bondarenko. Zhur. nevr. i psikh. 62 no. 7:1024-1028 '62.

MENINGITIS, SPINAL

Etiology and pathogenesis, clinical aspects and treatment of spinal leptopachymeningitis, developing as a late sequel to tuberculous meningitis [with summary in French] P.M. Al'perovich, M.V. Vilikher. Zhur. nevr. i psikh. 62 no. 7:1006-1011 '62.

MENINGO-ENCEPHALOMYELITIS see Encephalomyelitis

MENSURATION

Obshadko, B.L. [Theory of tolerances and fits, Checking and measuring instruments and the techniques of measurement; methodological manual] Poniatie o dopuskakh i posadkakh. Kontrol'no-izmeritel'nye instrumenty i tekhnika izmerenila; metodicheskoe posobie. Moskva, Proftekhizdat, 1962. 59 p.

MENSURATION—ABSTRACTS

[Measurement techniques] Ref. zhur. Otd. vyp. 32: Izm. tekh. nos 10-20 O '62.

MENTAL DEFICIENCY

Dynamics of development in children suffering from Down's disease [with summary in French]. I.N. Samodumskaia. Zhur. nevr. i psikh. 62 no. 7:1058-1061 '62.

Mental characteristics of children suffering from Little's disease [with summary in French]. E.I. Kirichenko Zhur. nevr. i psikh. 62 no. 7:1062-1066 '62.

MENTALLY ILL—CARE AND TREATMENT

Care and supervision of mental patients during insulin shock therapy. A.E. Lichko. Med. sestra 21 no. 9: 34-40 S '62.

MENUS

Trofimova, V.I., and others. [Organizing an unexpensive and fully adequate diet in restaurants] Kak organizovat' nedorogoe i polnotsennoe pitanie v stolovykh. Moskva, Gostorgizdat, 1961. 65 p.

MEPROBAMATE

Therapeutic effectiveness of andaxin in borderline neuropsychic diseases in children [with summary in French]. M.M. Raiskaia. Zhur. nevr. i psikh. 62 no. 7:1092-1095 '62.

MERCAPTO GROUP

Determination of the content of sulfhydryl groups in the blood by amperometric titration. V.V. Sokolovskii. Lab. delo 8 no. 8 3-6 Ag '62.

MERCATOR, GERARDUS, 1512-1594

Founder of scientific cartography; 450th anniversary of Gerardus Mercator's birth. S.A. Gavrilova Priroda 51 no. 7:87-88 Jl '62.

Gerardus Mercator; 1512-1594. I.B. Kostritis. Izv. Vses. geog. ob-va 94 no. 4:302 Jl-Ag '62.

Gerardus Mercator's works and the geographical problems of his time; on the 450th anniversary of his birthday. V.G. Churkin. Izv. Vses. geog. ob-va 94 no. 4: 295-304 Jl-Ag '62.

MERCHANT MARINE—LABOR PRODUCTIVITY

Baev, S.M. [Ways to increase labor productivity in maritime transportation during the seven-year plan; lecture given for students of the applied economics of maritime transportation] Puti povysheniia proizvoditel'nosti truda na morskom transporte v semiletke; lektsiia, prochitannaia dlia izuchaiushchikh konkretnuiu ekonomiku morskogo transporta. Moskva, Izd-vo "Morskoi transport," 1959. 80 p. (Ekonomika i ekspluatatsiia morskogo transporta)

MERCHANT MARINE—PASSENGER TRAFFIC

Organization of passenger traffic. E. Nosovskii. Rech. transp. 21 no. 9 12-13 S '62.

MERCHANT MARINE—TECHNOLOGICAL INNOVATIONS

Lyzlov, S.L. [New developments in invention and innovation in the merchant marine] Novoe v rabote po izobretatel'stvu i ratsionalizatsii na morskom flote. Moskva, Izd-vo "Morskoi transport," 1962. 49 p. (Biblioteka obmena opytom na morskom transporte)

MERCHIMDEN VALLEY—KIMBERLITE

Petrochemistry of kimberlites in the Merchimden Valley (lower Olenek Basin). M.V. Susov. Sov. geol. 5 no. 8 40-47 Ag '62

MERCURATION

Stereochemistry of the oxymercuration of dimethyl ester of exo-cis-3, 6-endoxo-Δ^{4}-tetrahydrophthalic acid. IU.K. IUr'ev, N.S. Zefirov, L.P. Prikazchikova. Zhur. ob. khim. 32 no. 8:2744-2745 Ag '62

MERCURY

(see also subdivision under Fergana)

Inversion of the level populations of sodium in the fluorescence of a mixture of sodium and mercury vapors. S.I. Frish, O.P. Bochkova. Zhur. eksp. i teor. fiz. 43 no. 1 331-333 Jl '62.

Mercury content in some natural waters. N. Kh. Aidin'ian. Trudy IGEM no. 70:9-14 '62.

Migration of mercury in the supergene zone. A.A. Saukov, N. Kh. Aidin'ian, V.I. Vinogradov. Trudy IGEM no. 70 20-29 '62.

Purification of mercury-containing waste waters. A.L. Gol'dinov and others. Khim. prom. no. 8:610-612 Ag '62.

Reaction of di-p-aminophenylmercury, dibenzylmercury, di-p-methoxyphenylmercury, and di-p-tolylmercury with metals (Fe, Cu, Al, Zn) Part 17. V.F. Martynova Zhur. ob. khim. 32 no. 8:2702-2705 Ag '62.

"Techniques of handling mercury in laboratory practice," by P.P. Pugachevich. Reviewed by A.A. Bundel'. Zhur. neorg. khim. 7 no. 9:2203 '62.

MERCURY—PHYSIOLOGICAL EFFECT

Recent experimental data on the accumulation and distribution of mercury in the organism of experimental animals. Pred. dop. kontsent. atmosf. zagr. no. 6 81-95 '62.

MERCURY—TOXICOLOGY

The danger of micromercurialism and its prevention under laboratory conditions. I.M. Trakhtenberg. Lab. delo 8 no. 8 18-21 Ag '62.

Ways for preventing mercury intoxications in stomatological offices. G.G. IAroshenko. Stomatologiia 41 no. 4:86-87 Jl-Ag '62

MERCURY-ARC RECTIFIERS

Grid protection of mercury rectifier devices with series connected valves. S.D. Sokolov. Trudy TSNII MPS no. 232:36-45 '62.

Parallel operation of mercury-arc rectifier units with and without commutator devices. L.A. Dritov, V.A. Kaliazhnov, M.E. Gol'dshtein. Prom. energ. 17 no. 10: 15-18 O '62.

MERCURY SELENIDE

Selenium photocells with a mercury selenide layer. M.IA. Bakirov, R.B. Gnaymov. Izv. AN Azerb. SSR. Ser. fiz.-mat. i tekh. nauk no. 3:89-94 '62.

MERCURY SULFIDE CRYSTALS

Photoconductivity of HgS single crystals. F.I. Kreingol'd. Fiz. tver. tela 4 no. 9:2597-2600 S '62.

MERGANSERS see subdivision under Okhotsk Sea region

MEROMORPHIC FUNCTIONS see Functions, Meromorphic

MESITYLENE

Cycloalkylation of aromatic compounds. Part 22: Alkylation of toluene and mesitylene by cyclohexanol. N.G. Sidorova, I.I. Kartseva. Zhur. ob. khim. 32 no. 9:2785-2789 S '62

MESONS

Data on $\pi\pi$-interaction from the reaction of π-meson production in πp-collisions. Part 2. Production of π^0-mesons [with summary in English]. IA.IA. Shalamov, A.F. Grashin. Zhur. eksp. i teor. fiz. 43 no. 1:21-24 Jl '62.

Discovery of recharching of stopped π^--mesons on nuclei of bound hydrogen. A.F. Dunaitsev and others. Zhur. eksp. i teor. fiz. 42 no. 6:1680-1682 Je '62.

Effect of $\pi\pi$-interaction in the electromagnetic form factors of a nucleon [with summary in English]. A.F. Grashin, V.N. Mel'nikov. Zhur. eksp. i teor. fiz. 42 no. 5: 1404-1409 My '62.

Experimental testing of unitary symmetry of strong interactions [with summary in English]. V.M. Shekhter. Zhur. eksp. i teor. fiz. 43 no. 1:205-215 Jl '62.

K-meson - hyperon resonances [with summary in English]. A.I. Baz', V.G. Vaks, A.I. Larkin. Zhur. eksp. i teor. fiz. 43 no. 1:166-174 Jl '62.

Limits for the possible magnetic moment of a K^{+}-meson [with summary in English]. F.O. Okonov. Zhur. eksp. i teor. fiz. 42 no. 6 1554-1557 Je '62.

New opportunities for studying the electromagnetic properties of electrons and μ-mesons [with summary in English] Zhur. eksp. i teor. fiz. 43 no. 1 268-276 Jl '62

On $\pi\pi$-interactions in π^- p-collisions at an energy of 7.2 Bev. M.S. Ainutdinov and others. Zhur. eksp. i teor. fiz. 42 no. 5:1413-1415 My '62.

Photoproduction of π^- and K-mesons. V.M. Arutiunian. Izv. AN Arm. SSR Ser. fiz.-mat. nauk 15 no. 3:85-98 '62.

Photoproduction of pairs of charged vector mesons in the Coulomb field of the nucleus [with summary in English]. L.V. Lisgin, I.S. TSukerman. Zhur. eksp. i teor. fiz. 42 no. 6:1618-1621 Je '62.

The problem of the D^{+}-meson. L.M. Barkov and others. Zhur. eksp. i teor. fiz. 43 no. 1 335-337 Jl '62.

Solving equations of the Chew-Mandelstam type [with summary in English]. N. Meiman, I. Gokhfel'd. Zhur. eksp. i teor. fiz. 43 no. 1 181-181 Jl '62

Solving linear equations in the dispersion method by two-particle approximation [with summary in English] A.F. Grashin. Zhur. eksp. i teor. fiz. 43 no. 1 277-286 Jl '62

MESONS—DECAY

Angular correlations of leptons in K-meson decay [with summary in English]. B.N. Valuev. Zhur. eksp. i teor. fiz. 43 no. 1:241-245 Jl '62.

Angular distributions of the decay products of intermediate vector mesons in the process $e^{+}+e^{-}\to B^{+}+B^{-}$ [with summary in English]. Nguen Van Khieu. Zhur. eksp. i teor. fiz. 42 no. 6:1611-1613 Je '62.

Depolarization of a μ^{+}-meson in an electric field. IU.M. Ivanov and others. Zhur. eksp. i teor. fiz. 43 no. 1. 337-339 Jl '62.

Experimental study of the structure of a vector current in weak interaction [with summary in English]. Nguen Van Khieu. Zhur. eksp. i teor. fiz. 42 no. 6:1603-1610 Je '62.

Invalidity of the $\Delta Q = \Delta S$ rule in leptonic decay of K-mesons and the behavior of weak interactions at high energies. B.L. Ioffe. Zhur. eksp. i teor. fiz. 42 no. 5: 1011-1013 My '62.

On Δq-resonance B.L. Ioffe. Zhur. eksp. i teor. fiz. 43 no. 1 341-342 Jl '62.

Probability of the decays $\pi^{+}\to e^{+}+\pi^{0}+e^{+}+\gamma$ and $\pi^{+}\to\gamma+e^{+}+\gamma$ A.I. Dunaitsev and others. Zhur. eksp. i teor. fiz. 42 no. 5:1421-1424 My '62.

Search for $\mu^{+}\to e^{+}+e^{-}$-decay. A.L. Babaev and others. Zhur. eksp. i teor. fiz. 42 no. 6:1685-1687 Je '62.

MESONS—SCATTERING

Behavior of the real part of the scattering amplitude at very high energies. P. Shuriani. Zhur. eksp. i teor. fiz. 42 no. 5:1425-1426 My '62

Elastic scattering of 2.8 Bev. /$\sigma\pi^{-}$-mesons on hydrogen [with summary in English]. L.P. Kotenko and others. Zhur. eksp. i teor. fiz. 42 no. 5:1158-1165 My '62.

Elastic scattering of 5-15 Mev. π^{-}-mesons on carbon nuclei. V.S. Demidov. Zhur. eksp. i teor. fiz. 42 no. 6:1687-1690 Je '62.

Elastic scattering of 7.2 Bev. π^{-}-mesons on protons [with summary in English]. M.S. Ainutdinov and others. Zhur. eksp. i teor. fiz. 42 no. 6:1495-1498 Je '62.

Higher partial waves in low-energy $\pi\pi$-scattering [with summary in English]. A.V. Efremov, D.V. Shirkov. Zhur. eksp. i teor. fiz. 42 no. 5:1344-1353 My '62

Interaction between 153 Mev. negative π-mesons and helium [with summary in English]. IU.A. Budagov and others. Zhur. eksp. i teor. fiz. 42 no. 5:1191-1208 My '62.

Nature of elastic πN and pp-scattering in the region of large transferable pulses IU.D. Bukukov and others. Zhur. eksp. i teor. fiz. 43 no. 1:330-341 Jl '62.

Spin structure of meson-nucleon and nucleon-nucleon scattering amplitudes at high energies. V.N. Gribov, I.IA. Pomeranchuk. Zhur. eksp. i teor. fiz. 42 no. 5: 1082-1084 Je '62.

MESROP, SAINT, d. 441

Koriun, Bp. fl. 445-451. [Life of Mashtots. Translated from the Armenian] Zhitie Mashtotsa. Predisl. K.A. Melik-Ogandzhanianа. Kommentarii Sh. V. Smbatiana. Erevan, Nauchno-issl. in-t drevnikh rukopisei "Matenadaran" pri Sovete Ministrov Armianskoi SSR, 1962. 162 p.

Sovak, G.G. [Mesrop Mashtots; foundation of the Armenian alphabet and language] Mesrop Mashtots; sozdanie armianskikh pis'men i slovesnosti. Erevan, Aipetrat, 1962. 77 p.

METABOLISM

Some characteristics of metabolism in hybrid and purebred swine [with summary in English]. I.A. Savich, N.S. Akopian. Izv. TSKHA no. 2:87-93 '62.

METABOLISM, DISORDERS OF

Cherkasova, L.S., and others. [Ionizing radiation and metabolism] Ioniziruiushchee izluchenie i obmen veshchestv. Minsk, Izd-vo Akad. nauk BSSR, 1962. 172 p.

METABOLISM, DISORDERS OF (Continued)

Effect of health resort treatment in Yessentuki on disorders of lipoid and protein metabolism in chronic cholecystitis and hepatitis. A. M. Nogaller, Vop. kur., fizioter. i lech. fiz. kul't. 27 no. 3 197-205 My-Je '62.

Effect of hypochloride diet on the phosphorus-carbohydrate metabolism of erythrocytes in atherosclerosis and hypertension. B. S. Berezovskii. Kaz. med. zhur. no. 3 11-13 My-Je '62.

METAL ALLOYS—TESTING

Investigating the effect of addition alloys on metal properties of heat-treated railroad wheels. K. F. Staroduboy, V. IA. Savenkov. Trudy Inst. chern. met. AN URSR 18:51-57 '62.

METAL CLEANING

From industrial practices. P. D. Dem'ianenko. Ogneupory 27 no. 8:380-381 '62.

Mechanizing the flame scarfing of blooms. E. Kh. Sharnovskii and others. Metallurg 7 no. 8 21-27 Ag '62.

METAL CUTTING
(see also subdivision under Czechoslovakia)

Automatic control in machining based on indirect measurement methods. IU. A. Tolochkov. Priborostroenie no. 9:8-11 S '62.

Breaking chips with screened chip breakers. A. M. Lavchenko. Mashinostroenie no. 4 23-26 Jl-Ag '62.

Deriving formulas for determining dimensions of the equidistantial curve for the machining of parts having the shape of scalene triangles and rhombs. B. I. Zhuravlev. Vest. mashinostr. 42 no. 9:77-78 S '62.

Determining the magnitude of the breaking load in cutting plastic and brittle materials [with summary in English]. S. S. Nekrasov. Izv. TSKHA no. 2.131-139 '62.

Face milling of titanium alloys. V. I. Komissarov, K. F. Mitrinev. Vest. mashinostr. 42 no. 9:68-70 S '62.

Standardization of technological processes in the machining of parts. M. O. IAkobson, N. M. Trembovler. Vest. mashinostr. 42 no. 9:55-59 S '62.

Sysoev, V. I. [Principles of metal cutting and metal-cutting tools] Osnovy rezaniia metallov i rezhushchii instrument. Izd. 2., perer. Moskva, Mashgiz, 1962. 311 p.

METAL CUTTING—COOLING

Seminar po obmenu opytom primeneniia okhlazhdeniia i [illegible]lov, [illegible]iring [illegible]kva, Vystavka dostizhenii narodnogo khoz. SSSR, 1961 83 p.

METAL CUTTING—PRODUCTION STANDARDS

Establishing norms for multiple machining of parts on machine tools. N. N. Ozerov. Mashinostroenie no. 4 3-6 Jl-Ag '62.

METAL-CUTTING TOOLS

Cutting tool designed by M. N. Tatarin. A. F. Bogdanov. Mashinostroitel' no. 9 26 S '62.

Cutting tools made of high-speed cast steel modified with titanium. G. A. Proshin and others. Mashinostroenie no. 4:109-112 Jl-Ag '62.

Determining the kinematic back angle of the cutting tool. S. V. Zhak, B. I. Gordienko. Stan. i instr. 33 no. 9:29-30 S '62.

Holder with a rebounding of the cutting tool. A. Komarov. Mashinostroitel' no. 9:28 S '62.

Selecting the radius of the tool point for fine turning. A. P. Dobrotez. Stan. i instr. 33 no. 9.28 S '62.

Vibration-resistant turning tool. A. E. El'port. Stan. i instr. 33 no. 9:44 S '62.

METAL IMPLANTS see Internal fixation of fractures

METAL INDUSTRIES
(see also subdivision under Leningrad)

Pavlenko, N. I. [History of metallurgy in 18th-century Russia; plants and industrialists] Istoriia metallurgii v Rossii XVIII veka; zavody i zavodovladel'tsy. Moskva, Izd-vo Akad. nauk SSSR, 1962. 504 p.

METAL IONS

X-ray diffraction study of precipitates produced by bombarding metals with ions of other metals. V. IA. Dudarev, G. S. Zhdanov, B. A. Alekseev. Atom. energ. 13 no. 4:382-383 O '62.

METAL SPRAYING

Kats, N. V. [Metallization of textile fabrics] Metallizatsiia tkanei. Moskva, Rostekhizdat, 1962. 160 p.

METALLIC FILMS

Investigating the phenomena of the oxidation of wheel steel during its heating for hardening purposes. N. IU. Taits, V. V. Tregubov, S. A. Rukavishnikov. Izv. vys. ucheb. zav.; chern. met. 5 no. 8.170-174 '62.

METALLIC OXIDES—ELECTRIC PROPERTIES

Electric conductance of double oxide systems containing niobium pentoxide. A. I. Mannkov, O. A. Esin, B. M. Lepinskikh. Zhur. neorg. khim. 7 no. 9:2220-2225 S '62.

METALLURGIC CHEMISTRY see Chemistry, Metallurgic

METALLURGICAL FURNACES—DESIGN AND CONSTRUCTION

Glinkov, M. A. [Principles of the general theory of furnaces] Osnovy obshchei teorii pechei. Izd. 2., ispr. i dop. Moskva, Metallurgizdat, 1962. 575 p.

METALLURGICAL PLANTS

Mechanization of loading and unloading operations in metallurgical plants. Mekh. i avtom. proizv. 16 no. 8 55-57 Ag '62.

METALLURGICAL PLANTS—ELECTRIC EQUIPMENT

Rapoport, I. S. [Master electrician of the metallurgical plant] Mastei-elektrik metallurgicheskogo zavoda. Sverdlovsk, Metallurgizdat, 1962. 220 p.

METALLURGICAL PLANTS—TECHNOLOGICAL INNOVATIONS see subdivision under Moscow

METALLURGICAL PLANTS—WATER SUPPLY

"Reverse" water supply for casting machines. S. E. Kodes, K. L. Ushkovskaia. Vod. i san. tekh. no. 7 8-10 Jl '62.

METALLURGICAL RESEARCH see subdivision under Ukraine; United States

METALLURGY

Donskoi, A. V., and V. V. Bashenko. [Industrial application of electron-beam heating, transcript of a lecture] Primenenie elektronno-luchevogo nagreva v promyshlennosti, stenogramma lektsii. Leningrad, 1962. 32 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Serila Elektricheskie metody obrabotki materialov)

METALS

Accounting for the expenditure of metal should be put in order! P. Frizen. Buthg. uchet 18 no. 7 38-41 Jl '62.

Effect of metallic impurities on the physicomechanical properties of rhenium. E. M. Savitskii, M. A. Tylkina, G. E. Chuprikov. Zhur. neorg. khim. 7 no. 9.2272-2274 '62.

Separation of mixtures of metals by exchange extraction with carboxylic acids. L. M. Gindin and others. Ekstr., teor., prim., app. no. 2 87-111 '62.

[Technology of metals] Tekhnologiia metallov. [By] N. N. Kropivnitskii i dr. Moskva, Mashgiz, 1962. 499 p.

METALS—ANALYSIS

Concentrating silver, indium, and thallium by coprecipitation with copper diethyldithiocarbamate [with summary in English]. G. V. Tremov, N. I. Chaikina. Vest. LGU 17 no. 16:151-153 '62.

Detecting metals in alloys and minerals by the electrographic method. A. A. Grinbetskii, M. F. Langner, V. S. Polosin. Khim. v shkole 17 no. 5:78-83 S-O '62.

Extraction of metals from hydrochloric acid solutions by diisoamyl ester. M. M. Privalova, D. I. Ryabchikov. Ekstr., teor., prim., app. no. 2.165-173 '62.

METALS—ELECTRIC PROPERTIES

Dependence of the residual resistance of Sn, In, Pb, Cd, Zn, on the quantity and kind of impurities. B. N. Aleksandrov. Fiz. met. i metalloved. 14 no. 3:134-142 S '62.

Inequality describing the effective mass in metals with a low concentration of current carriers. R. G. Arkhipov. Zhur. eksp. i teor. fiz. 43 no. 1:349-351 Jl '62.

METALS—FATIGUE

Analysis of the breakage of metallurgical equipment parts. V. M. Grebenik. Izv. vys. ucheb. zav., chern. met. 5 no. 8.175-182 '62.

METALS—HARDENING

Automatic machine for hardening thin cylindrical parts. S. F. Solodovnik. Mashinostroenie no. 4 36-37 Jl-Ag '62.

Increasing the durability of pouring machine links. A. I. Soskov. Metallurg 7 no. 10:26 O '62.

METALS—HEAT TREATMENT

Dovgalevskii, IA. M. [Handbook of a heat-treatment specialist] Spravochnik termista. [Saratov] Saratovskoe knizhnoe izd-vo, 1962. 417 p.

Kalnin, P. E. [Economics and the organization of production in heat-treatment workshops] Ekonomika i organizatsiia proizvodstva v termicheskikh tsekhakh. Moskva, Mashgiz, 1962. 111 p.

Samoshin, I. G. [Heat treatment] Termicheskaia obrabotka. Moskva, Mashgiz, 1962. 155 p.

METALS—THERMAL PROPERTIES—TESTING

Calorimeters for high-speed thermophysical testing of metals in wide temperature ranges. L. V. Lovkovich, E. S. Platunov. Izv. vys. ucheb. zav.; prib. 5 no. 4: 85-93 '62.

METALS, EFFECT OF RADIATION ON

Effect of pile radiation on the properties of CdS single crystals. A. P. Galushka, I. D. Konozenko. Atom. energ. 13 no. 3:277-280 S '62.

METALS, EFFECT OF TEMPERATURE ON

Davidenko, N. N. and V. A. Likhachev. [Irreversible deformations in metals under the effect of cyclic thermal stress] Necbratimoe formoizmenenie metallov pri tsiklicheskom teplovom vozdeistvii. Moskva, Mashgiz, 1962. 221 p.

Effect of arsenic on structural transformations during the heating of cast iron. A. I. IAtsenko. Trudy Inst. chern. met. AN URSR 18:131-139 '62.

Effect of the method of steel smelting, welding, and other factors on the effectiveness of heat treatment of low carbon steel. Trudy Inst. chern. met. AN URSR 18 11-21 '62.

METALS AT HIGH TEMPERATURES

Paramagnetism of Mn-Cu alloys at temperatures higher than that of melting. P. A. Pshenichkin. Fiz. met. i metalloved. 14 no. 3 378-382 S '62.

METALS AT LOW TEMPERATURES

Anomalous sound reflection from a metal surface at low temperatures. A. F. Andreev. Zhur. eksp. i teor. fiz. 43 no. 1:358-360 Jl '62.

Electric resistance of cerium at low temperatures and high pressures [with summary in English]. E. S. Itskevich. Zhur. eksp. i teor. fiz. 42 no. 5 1173-1182 My '62.

Temperature dependence of the electric resistance of iron in the range 0.38° - 4.2°K [with summary in English]. L. E. Semenenko, A. I. Sudovtsov, A. D. Shvets. Zhur. eksp. i teor. fiz. 42 no. 6:1488-1489 Je '62.

METALWORK

Effect of rolling conditions on the precision of screw threads. IU. G. Chicherin. Mashinostroitel' no. 9.34-35 S '62.

Efficient knurling conditions. V. S. Antonevich, V. N. Miats. Mashinostroitel' no. 9.37 S '62.

A group of Sassanian pitchers. L. M. Rutkivs'ka, Arkheologiia 14:109-115 '62.

[Technology of metals] Tekhnologiia metallov. [By] N. N. Kropivnitskii i dr. Moskva, Mashgiz, 1962. 499 p.

METALWORK—TECHNOLOGICAL INNOVATIONS see subdivision under Moscow

METALWORKING LUBRICANTS

Se[illegible]ii[illegible]shchenia i [illegible]metallov, [illegible]ide during [illegible]mynni zhidkostiami pri rezanii metallov; materialy. Moskva, Vystavka dostizhenii narodnogo khoz. SSSR, 1961 83 p.

METALWORKING MACHINERY

Rolling and hardening machine for the manufacture of double-flanged crane wheels. K. F. Staroduboy and others. Trudy Inst. chern. met. AN URSR 18:15-50 '62.

METALWORKING MACHINERY—VIBRATION

Experimental investigation of the effect of elastic vibrations in metallurgical equipment transmissions on electric motor currents. F. K. Ivanchenko. Izv. vys. ucheb. zav., chern. met. 5 no. 8:189-192 '62.

METAMORPHISM (GEOLOGY)
(see also subdivision under Vilim Valley)

Effect of intrusions on the metamorphism of coals in the South Donets Basin deposit. V. F. Tkachenko. Geol. zhur. 22 no. 4.89-94 '62.

Metamorphism of enclosing rocks of the Verkhubinka skarn-copper deposit in the Rudnyy Altai. I. IA. Demidova, M. G. Khisamutdinov. Trudy VSEGEI 74:131-140 '62.

Theory of metamorphization of natural waters and genesis of internal calcium-chloride type brines. E. V. Posokhov. Trudy NPI 128:43-84 '62.

METASOMATISM

Intensity of postmagmatic processes. IU. V. Kazitsyn. Trudy VSEGEI 73:87-89 '62.

METEORITES
(see also subdivision under Podkamennaya Tunguska Valley)

Development of research in meteoritics. E. L. Krinov. Vest. AN SSSR 32 no. 9:140-141 S '62.

METEOROLOGICAL OPTICS

Optical method for studying the structure of air flows in the surface layers of the atmosphere. N. I. Kozhevnikov. Vest. Mosk. un. Ser. 3:Fiz., astron. 17 no. 4.14-17 Jl-Ag '62.

METEOROLOGICAL RESEARCH—ELECTRIC EQUIPMENT

Kachurin, L. G. [Electric measurements of aerophysical values] Elektricheskie izmereniia aerofizicheskikh velichin. [Leningrad] Izd-vo Leningr. univ., 1962. 414 p.

METEOROLOGICAL RESEARCH—INTERNATIONAL COOPERATION

In the World Meteorological Organization. Meteor. i gidrol. no. 10:61 O '62.

METEOROLOGY

Boundary problem in predicting the pressure field of the atmosphere. S. V. Nemchinov. Trudy TSIP no. 102: 64-70 '62.

"Custom-made" weather. S. Bobau. Belarus' 10 no. 9: 27 S '62

In research institutions of the Hydrometeorological Service. Meteor. i gidrol. no 10, 62 O '62.

"Physics of the atmospheric boundary layer" by D. L. Laikhtman. Reviewed by E. M. Dobryshman. Meteor. i gidrol. no. 10:50-52 O '62.

Vorob'ova, E. V. [Interrelationship of atmospheric processes in the northern hemisphere] Sopriazhennost' atmosfernykh protsessov v severnom polusharii. Leningrad, Gidrometeoizdat, 1962. 115 p.

METEOROLOGY—BIBLIOGRAPHY see Bibliography—Meteorology

METEOROLOGY—CHARTS, DIAGRAMS, ETC.

Means of calculating the scale of a map and the change with latitude of the Coriolis parameter in a numerical forecast. P. N. Belov. Trudy TSIP no. 102:71-79 '62.

Some results of an objective analysis of baric topographic maps with a dense net of observation points. M. V. Kartashova. Trudy TSIP no. 102, 13-19 '62.

System of objective analysis of baric topographical maps by the optimum interpolation method. I. A. Chetverikov. Trudy TSIP no. 102:3-12 '62.

Using data on the geopotential and wind velocity at several levels in an objective analysis of baric topographic maps. I. A. Petrichenko. Trudy TSIP no. 102:20-26 '62.

METEOROLOGY—CONGRESSES

Conferences, meetings, and seminars. Meteor. i gidrol. no. 10:61-62 O '62.

METEOROLOGY, AGRICULTURAL

Dissemination of agrometeorological information. N. D. Stepanov. Meteor. i gidrol. no. 10:44 O '62.

Vitkevich, V. I. [Practical work in agricultural meteorology] Prakticheskie zaniatiia po sel'skokhoziaistvennoi meteorologii. 2., perer. i dop. izd. Moskva, Sel'khozizdat, 1962. 318 p.

METEOROLOGY, AGRICULTURAL—CHARTS, DIAGRAMS, ETC

Practice of climatic zoning of the earth for purposes of agriculture of the U. S. S. R. (with map). P. I. Koloskov. Trudy NIIAK no. 15:5-13 '62.

METEOROLOGY IN AERONAUTICS

Future aeronautics and weather. I. M. Sheinis. Priroda 51 no. 7:118-119 Jl '62.

How to observe and evaluate the weather during flight. V. Shtal', I. Iankovskii. Grazhd. av. 12 no. 11:12-14 N '55.

METHACRYLIC ACID

Synthesis of organotead methacrylates. M. M. Koton, F. S. Florinskii. Zhur. ob. khim. 32 no. 9 3057-3059 S '62.

METHANE

Cascade system of methane liquefaction. A. G. Cheglikov. Trudy Inst. isp. gaza AN USSR 9:51-55 '61.

Nonisothermal processes Thermal cracking of methane. I. E. Volokhonovich and others. Dokl. AN SSSR 146 no. 2:387-390 S '62.

T-S-diagram for methane in the temperature range from 0° to 150°C and at pressures from 12 to 100 ata. B. IA. Maksimuk. Trudy Inst. isp. gaza AN USSR 9:109-110 '61.

Throttling coefficient for methane A. B. TSaturiants, A. R. Mamedov. Izv. AN Azerb. SSR. Ser. fiz -mat. i tekh. nauk no. 3:137-144 '62.

METHANE—STORAGE

Liquefaction of methane, its transportation and storage. A. P. Klimenko. Trudy Inst. isp. gaza AN USSR 9:44-50 '61.

METHANESULFONIC ACID

Cytopenia in a femal patient with chronic myeloid leukemia following myelosan therapy. R. A. Livshits. Klin. med. 40 no. 6:105-108 Je '62.

METHANOL

Transformation of ethyl and methyl alcohols in fruits. A. V. Krylov, G. A. Tarakanova. Fiziol. rast. 9 no. 4: 480-482 '62.

Vapor pressure of the system $LiClO_4$-CH_3OH - H_2O. V. F. Sergeeva, E. S. Moiseeva. Zhur. ob. khim. 32 no. 8:2402-2405 Ag '62.

METHOD OF STUDY see Study, Method of

METHYL ORANGE—SPECTRA

Methyl orange absorption spectra in concentrated salt solutions [with summary in English]. V. V. Pal'chevskii, M. S. Zakhar'evskii, T. M. Kal'varskaia. Vest. LGU 17 no. 16:125-130 '62.

METHYLATION

Nonspore-forming synthesis of 4, 5, N', N' -tetramethyl-1, 2-diaminobenzene. V. M. Berezovskii, L. N. Gurko, E. P. Rodionova. Zhur. ob. khim. 32 no. 9:2951-2954 S '62.

METHYLENEDIAMINE

Polycondensation of xylotrihydroxyglutaric acid and hexamethylene-diamine B. IA. Makarov-Zemlianskii and others Nauch. trudy MTILP no 23:35-43 '61.

METRIC SYSTEM see subdivision under Great Britain

MEXICO—NAMES, GEOGRAPHICAL

Geographical names of Mexico. I. P. Litvin. Vop. geog. no. 58:149-150 '62.

MICA

Leizerov, M. S. [Synthetic mica] Sinteticheskaia sliuda. Moskva, Gosenergoizdat, 1962. 191 p. (Polimery v elektroizoliatsionnoi tekhnike, no. 2)

Markov, P. N. [How to look for mica deposits] Kak iskat' mestorozhdeniia sliud. Izd. 3. Moskva, Gosgeoltekhizdat, 1962. 19 p. (Bibliotechka iskatelia poleznykh iskopaemykh)

MICELLES

Critical concentrations of micelle transformations in the aqueous solutions of alkyl sulfates from the alcohol of unsonifiables-II. M. P. Bespiatov, Zh. IA. Leshchenko Masl.-zhir. prom. 28 no. 9, 20-24 S '62.

Effect of the micelle concentration, temperature and pressure on the efficiency of its distillation with the atomization method. V. V. Beloborodov, N. A. Ivanova. Masl.-zhir. prom. 28 no. 9, 8-12 S '62.

MICHURIN, IVAN FEDOROVICH, 1700?-1763

New material about the work of I. Michurin and D. Grigor'ev. M. G. Kaverznev. Arkhit. nas. 14, 213-216 '62

MICHURIN, IVAN VLADIMIROVICH, 1855-1935

[In the orchards and laboratories of Michurinsk] V sadakh i laboratoriiakh Michurinska. [Tambov] Tambovskoe knizhnoe izd-vo, 1961. 158 p. (DNAL)

MICHURINSK—FRUIT CULTURE—RESEARCH

[In the orchards and laboratories of Michurinsk] V sadakh i laboratoriiakh Michurinska. [Tambov] Tambovskoe knizhnoe izd-vo, 1961. 158 p. (DNAL)

MICROBIOLOGY

Chistiakov, F. M., and K. A. Mudretsova-viss. [Microbiology] Mikrobiologiia. 2. izd., perer. i dop. Moskva, Gostorgizdat, 1962. 276 p.

MICROBIOLOGY—EQUIPMENT AND SUPPLIES

Pouring machine. S. M. Petukhov, IU. E. Bukolov. Lab. delo 8 no. 8:54-58 Ag '62.

MICROCLIMATOLOGY

Characteristics of atmospheric temperature in spruce-hardwood plantations and cut overs of various ages. V. V. Protopopov. Trudy Inst. lesa i drev. 52:119-142 '62.

MICROGNATHIA

Case of prosthesis of maxillary micrognathia. M. I. Piasetskii. Stomatologiia 41 no. 4:93 Jl-Ag '62.

MICRO-ORGANISMS see subdivision under Kuybyshev Province, Orenburg Province

MICROPALEONTOLOGY see subdivision under West Siberian Plain

MICROSCOPE

New design of a microscope. S. L. Gondik. Mashinostroitel' no. 9, 26 S '62.

MICROSCOPY

Capillary brush with screw faucet. E. P. Bochkov. Trudy SNIIGGIMS no. 8:234-235 '60.

Pyramid shaped washing apparatus with capillary chambers. E. P. Bochkov. Trudy SNIIGGIMS no. 8: 230-233 '60.

Stage for the selection of microobjects by a vacuum pump. E. P. Bochkov. Trudy SNIIGGIMS no. 8:223-228 '60.

MICROWAVE MEASUREMENTS

Band-type microwave reflectometer. M. V. Fomin, G. I. Rabinovich. Elektrosviaz' 16 no. 9:33-41 S '62.

MICROWAVES

Author's reply. M. K. Belkin. Izv. vys. ucheb. zav.; radiotekh. 5 no. 3, 414 My-Je '62.

Calculation of a homogeneous line with an arbitrary number of concentrated heterogeneities. N. T. Bova, E. N. Kaplan, I. B. Leikhtman. Izv. vys. ucheb. zav., radiotekh. 5 no. 3, 376-380 My-Je '62.

Concerning A. Z. Fradin's article "Square pyramidical horn antenna with equal directivity patterns in the E and H planes." D. Andreev, A. Pokras. Elektrosviaz' 16 no. 8:71 Ag '62.

Concerning M. K. Belkin's article "Problem concerning the noise level in regeneration." V. P. Lesauskis, K. M. Barŝauskas, Izv. vys. ucheb. zav., radiotekh. 5 no. 3:412-413 My-Je '62.

Determination of the mutual impedance of two antennas using known radiation patterns in a long-distance zone. O. G. Vendik. Radiotekhnika 17 no. 10:11-20 O '62.

A double-level cophased shortwave antenna array with an aperiodic reflector. L. K. Olifin, K. A. Tarasova. Radiotekhnika 17 no. 9:7-14 S '62.

Electromagnetic surface waves over a multirow comb. A. S Zav'ialov Izv. vys. ucheb zav., radiotekh 5 no. 3 390-393 My-Je '62

Ferromagnetic resonance in some ferrates in the centimeter and millimeter wave bands. D I. Mash, A. P. Ovechkin. Zhur. tekh. fiz. 32 no. 9:1115-1122 S '62.

Field in the near zone of the source with concentrated excitation of the impedance surface M S Bobrovnikov, V. P. Smirnov Izv vys. ucheb zav., radiotekh 5 no. 3 321-325 My-Je '62

Slutskaia, V. V. [Thin films in ultrahigh-frequency technique] Tonkie plenki v tekhnike sverkhvysokikh chastot. Moskva, Gosenergoizdat, 1962. 308 p.

Synthesis of nonhomogenous lines using the solution of the inverse problem of Sturm-Liouville. O. N. Litvinenko, V. I. Soshnikov. Radiotekhnika 17 no. 9:15-23 S '62.

Temperature dependence of the dielectric permeability of dielectric substances in the centimeter wave band. IU. P. Radin, N. V. Tarasova. Izv. vys. uch. zav., fiz. no. 4:87-90 '62.

MIDDLE AGES

(see also subdivision under Germany)

"Basic problems in the history of medieval cities from the 10th to the 15th century" by V. V. Stoklitskaia [review] kovich. Reviewed by A. A. Svanidze Sred. veka no. 22, 193-199 '62.

Semenov, V. F. [History of the Middle Ages; a textbook for pedagogical institutes] Istoriia srednikh vekov, uchebnik dlia pedagogicheskikh institutov. [Izd 2] Moskva, Uchpedgiz, 1961. 580 p. maps.

MIDDLE AGES—BIBLIOGRAPHY see Bibliography—Middle Ages

MIDDLE AGES—HISTORY

Granovskii, T. N. [Lectures on the history of the Middle Ages; synopsis by the author and notes taken by the listeners] Lektsii po istorii srednevekov'ia; avtorskii konspekt i zapisi slushatelei. Predisl., podgotovka teksta i primechanii S. A. Asinovskoi. Moskva, Izd-vo Akad. nauk SSSR, 1961. 236 p. (RPB)

MIDDLE EAST see Near East

MIGRATION, INTERNAL

Special benefits for the farmers who settle on virgin and waste lands. P. Gurcev. Otv. na vop. trud. no. 6:82-84 Je '62.

MIKHAILOV, A.

A. Mikhailov as Robert de Monet. I. Romanenova. Teatr 23 no. 9:169 S '62.

MIKHAILOV, MIKHAIL LARIONOVICH, 1826-1865

Letters written to M. L. Mikhailov. A. F Zakharkin Uch zap MGPI 160:321-332 '61.

MIKHAILOV, PAVEL NIKOLAEVICH, 1786-1840

P. N. Mikhailov, artist and traveler. B. Suris. Iskusstvo 25 no. 7:66-70 '62.

MIKHAYLOVSKAYA VIRGIN STEPPE PRESERVE—PASTURE RESEARCH

Effect of various mowing dates on the steppe vegetation of Mikhaylovskaya Virgin Steppe Preserve [with summary in English]. Z. A. Sarycheva. Ukr. bot. zhur. 19 no. 4:40-54 '62.

MIKRIUKOV, VASILII EMEL'IANOVICH, 1904-1962

Vasilii Emel'ianovich Mikriukov, obituary. Izv. vys. uch. zav., fiz. no. 4:185 '62.

MIKULICHIN REGION—GEOLOGY

Find of a modern netlike formation similar to Paleodictyon [with summary in English, p. 175]. G. A. Bachinskii. Paleont. sbor. [Lvov] no. 1:149-150 '61.

MILARITE—ANALYSIS

Chemical composition of milarite. T. A. Sosedko, R. L. Telesheva. Dokl. AN SSSR 146 no. 2:437-439 S '62.

MILASHKINA, TAMARA

Triumph at the La Scala. B. Evseev. Teatr 23 no. 9: 170-171 S '62.

MILDEW

Plasmopara halstedii (Farl.) Berl. et de Toni as a collective species, basis for taxonomic subdivision of the genus Plasmopara occuring on Compositae [with summary in English]. N. S. Novotel'nova. Bot. zhur. 47 no. 7:970-981 Jl '62.

MILI STEPPE see Kura Lowland

MILIOLIDAE, FOSSIL see subdivision under West Siberian Plain

MILITARY ART AND SCIENCE

Remarkable examples of ruse and surprise in the military art of A. V. Suvorov and M. I. Kutuzov in the light of Soviet military science. A. A. Engol'ko. Sbor. dokl. Voen. ist. sek. no. 3:137-164 '60.

MILITARY BASES, AMERICAN see subdivision under Turkey

MILITARY DISCIPLINE

Strict discipline ensures our military preparedness. L. Ivanov. Komm. Vooruzh. Sil 3 no. 19:73-75 O '62.

MILITARY EDUCATION
(see also subdivision under Kuybyshev Province; Liepaja; Magadan Province; Uzbekistan, Yaroslavl Province)
Basic principles of the Russian progressive military education of the 18th century and its influence upon the development of Russian military art. V.M. Vydrin. Shor. dokl. Voen. fot. sek., no. 3, 165-176 '60.
Beginning of a long march. A. Koval'. Komm. Vooruzh. Sil 3 no. 19:49-52 O '62.
Inculcating the principles of the scientific Weltanschauung in the students of military schools. V. Rut'kov, A. Kotelevskii. Komm. Vooruzh. Sil 3 no. 10 56-59 O '62.
Pay attention daily to propaganda on military knowledge. Voen. znan. 38 no. 9:1-2 S '62.
Public commissions and sports sections. P. Lobanov. Voen. znan. 38 no. 9:23-24 S '62.
Schoolboys master equipment. Voen. znan. 38 no. 9: 20 S '62.

MILITARY MUSEUMS see subdivision under Leningrad

MILITIA—BIBLIOGRAPHY see Bibliography—Militia

MILK
Effect of various sugars ingested in milk treated with ion-exchange resins on the intestinal microflora of infants [with summary in English]. P.I. Kashkareva, V.F. Boreiko. Vop. okh., mat. i det. 7 no. 8:41-46 Ag '62.

MILK—COMPOSITION
Amino acid composition of the total protein content of milk with a carbamide supplement in the rations of cows [with summary in English]. P.V. Kugenev, M.N. Medvedeva. Izv. TSKHA no. 3:98-103 '62.

MILK, CANNED
Interrepublic scientific and technical conference of the representatives of canned milk industries. M.D. Speshilov. Khar. prom. no. 2:89-90 Ap-Je '62.

MILK, CONDENSED
Methods of conserving condensed skim milk [with summary in English]. R.B. Davidov, P.Ol'shevskii. Izv. TSKHA no. 2:218-221 '62.

MILK AS FEED
Methods of conserving condensed skim milk [with summary in English]. R.B. Davidov, P.Ol'shevskii. Izv. TSKHA no. 2:218-221 '62.

MILK PLANTS—EQUIPMENT AND SUPPLIES
(see also subdivision under Odessa)
Kuznetsov, V.I. [Bottle-washing and bottling machines for milk, adjustment, regulations and operation] Butylomoechnye i razlivochno-ukuporochnye mashiny dlia moloka; naladka, regulirovanie i ekspluatatsiia. Moskva, Pishchepromizdat, 1962. 166 p. (Biblioteka molodogo rabochego)

MILK SUGAR see Lactose

MILKING
Milkmaids for many milking stalls and cows without chains. I. El'shanskii. Izobr. i rats. no. 10:13-14 O '62.

MILLET—DISEASES AND PESTS
Efimov, A.I., and others. [Control of pests and diseases of spring wheat and millet in virgin and idle lands] Bor'ba s vrediteliami i bolezniami iarovoi pshenitsy i prosa na tselinnykh i zalezlnykh zemliakh. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1954. 45 p. (MAU)
Susceptibility of millet specimens to ecological and geographical populations of smuts. N.N. Artem'eva. Shor. trud. asp. i mol. nauch. sotr. VIR no. 1:135-139 '60.

MILLING MACHINERY
Outlook for using counter-flow jet-type mills in the mining industry. V.S. Margulis, L.P. Shupov, P.I. Ostapenko. Gor. zhur. no. 9:66-68 S '62.
Shcheglov, I.M. [Continuous grinding of fibrous raw materials] Nepreryvnyi razmol voloknistogo syr'ia. Moskva, Gosstroiizdat, 1962. 170 p.

MILLING MACHINES—ATTACHMENTS
Equipment for milling machines. V.G. Tiurlakov, O.G. TSyplakov. Mashinostroitel' no. 9:24 S '62.

MILLING MACHINES—LUBRICATION
New method of oil filling. M.D. Oralov. Mashinostroitel' no. 9:32 S '62.

MINE BUILDINGS
(see also subdivision under Vorkuta Basin)
Recent trends in experimental solutions for combined administrative and employee facilities at coal mines. V.V. Blokhin. Shakht. stroi. 6 no. 10:12-18 O '62.

MINE DRAINAGE
(see also subdivision under Estonia)
Automatic low-voltage installations for mine drainage systems. K.F. Nikolenko, S.M. Shumakov. Ugol' 37 no. 8:45 Ag '62.
More on the economy characteristics of the operation of mine drainage systems. G.N. Maksimov. Prom. energ. 17 no. 10:49 O '62.

MINE DUSTS
(see also subdivision under Chelyabinsk Basin; Kuznetsk Basin)
Use of cartridge water stemming. P.A. Demchuk, L.A. Tikhonirov. Ugol' Ukr., 6 no. 8 10-11 S '62.

MINE DUSTS—REMOVAL
Removing dust from the air around underground receiving bunkers. V.V. Nudin, O.D. Neikov, F.L. Danchenko. Gor. zhur. no. 9:68-71 S '62.

MINE FILLING
Practice of using hardening filler in a mine. A.A. Petrenko, V.N. Smirnov. Gor. zhur. no. 9:32-34 S '62

MINE GASES
(see also subdivision under Karaganda Basin)
Gas removal from accessory mineral deposits in flat and inclined coal seams mined by means of crosscut levels. B.I. Shirago. Ugol' Ukr. 6 no. 8:41-43 S '62.
Methods of evaluating the efficacy of gas removal through interstices. M.P. Kukharskii. Ugol' 37 no. 8 57 Ag '62.
"Sudden coal and gas outbursts" by V.V. Khodot. Reviewed by O.I. Chernov, N.P. Mironov, I.M. Pechuk. Ugol' 37 no. 8:61-62 Ag '62.

MINE HAULAGE
(see also subdivision under Komsomol'skoye, Pechora Basin)
Nezhentsev, V.V., V.B. Sivyi, and A.G. Surkov. [Economics and organization of mine haulage] Ekonomika i organizatsiia shakhtnogo transporta. Moskva, Gosgortekhizdat, 1962. 199 p.
Use of pneumatic conveying in mines. A.E. Sinoldyrev. Ugol' 37 no. 8:41-43 Ag '62.

MINE HOISTING
(see also subdivision under Donets Basin; Krivoy Rog Basin)
Differential equations of the movement of a multirope hoist with a spring-mounted reducing gear as a flexible mechanical system. A.P. Nesterov. Izv. vys. uch. zav., gor. zhur. 5 no. 6:166-173 '62.
In defense of the use of rope guides in mine vertical shafts. E.V. Petrenko. Shakht. stroi. 6 no. 9:21-22 S '62.
Kalish, S.I., and K.I. Chebanenko. [Handbook for the mine hoist operator] Spravochnik mashinista shakhtnoi pod"emnoi mashiny. Moskva, Gosgortekhizdat, 1962. 207 p.
Power evaluation of the expediency of hydraulic hoisting systems with chamber feeders. M.E. Zburzha, Iu.S. Podolich. Ugol' Ukr. 6 no. 8:14-15 S '62.
Use of guide ropes. M.N. Vasilevskii, S.I. Shanin. Ugol' Ukr. 6 no. 9:25-27 S '62.

MINE HOISTING—BRAKES
Improving the system of back coupling in dynamic breaking. B.N. Cherkasskii. Izv. vys. uch. zav., gor. zhur. 5 no. 6:158-161 '62.

MINE HOISTING—ELECTRIC DRIVING
Vasilevskii, M.N., E.S. Traube, and K.G. Veisberg. [Automatic control of mine hoists with asynchronous drive] Avtomatizatsiia shakhtnykh pod"emnykh mashin s asinkhronnym privodom. Moskva, Gosgortekhizdat, 1962. 237 p.

MINE HOISTING—SAFETY APPLIANCES
Overload protection for mine hoisting electric circuits. V.I. Kotov. Ugol' 37 no. 8:47 Ag '62.

MINE LIGHTING
GS-60M blastproof hydraulic lamp. Shakht. stroi. 6 no. 10:3 of cover O '62.
Intervals between the whitewashing of underground mines. L.S. Samoilovich. Svetotekhnika 8 no. 10:28-30 O '62.
"Mine lighting" by M.M. Fottev, N.L. Shevlakov. Reviewed by A.N. Bredikhin, Iu.I. Porotskii. Ugol' 37 no. 9:61-62 S '62.

MINE MANAGEMENT
"Economy of the mining industry" by A.A. Zvorykin, D.M. Kirzhner, M.B. Kundin. Reviewed by A.T. Buzan'. Gor. zhur. no. 9:78-80 S '62.
Forces multiplied. V. Shaposhnikov. Sov. shakh. 11 no. 10:25 O '62.

MINE RAILROADS
Modern electric locomotive haulage for open-pit mines. V.P. Ianov, L.F. Zholobov. Gor. zhur. no. 9:9-13 S '62.
Some problems in improving the use of the adhesion weight of electric locomotives. L.V. Melikhov. Nauch. soob. IGD 12:193-203 '61.
Ways of achieving automatic control of electric locomotives in mine haulage. B.S. Belovidov. Izv. vys. uch. zav.: gor. zhur. 5 no. 6:162-165 '62.

MINE RAILROADS—CARS
Automatic vibrating apparatus for cleaning cars. D.A. Grebennikov. Gor. zhur. no. 9:78 S '62.
Machine for cleaning cars. K. Karamanlis. Sov. shakh. 11 no. 10:15 O '62.
Mechanization and automation of dump car cleaning to control the freezing of ore and rock. M.E. Fel'dman. Izv. vys. uch. zav., gor. zhur. 5 no. 6:150-155 '62.

Parametric series of mine cars. K.K. Kuznetsov, P.I. Rapoport. Ugol' 37 no. 9:33-41 S '62.

MINE RAILROADS—ELECTRONIC EQUIPMENT
System using a computer for regulating the flow of rolling stock in open pit mines. A.V. Gudkov. Avtom., telem. i sviaz' 6 no. 9,11-13 S '62.

MINE ROOF BOLTING
(see also subdivision under Krivoy Rog Basin, Yarega region)
Effect of the initial tightening of anchors on the stability of chamber roofs. E.V. Petrosiants. Nauch. soob. IGD 12:51-62 '61.
Slot-and-wedge bolt plug for roof bolting in hard rocks. N.A. Vagin. Shakht. stroi. 6 no. 9:25 S '62.

MINE SURVEYING
[Concise mine surveyor's reference book] Kratkii spravochnik marksheidera shakhty. Moskva, Gosgortekhizdat, 1962. 410 p.

MINE TIMBERING
Device for drilling bore holes for rod bolting. V.A. Kichaev, G.P. Kutsenko. Shakht. stroi. 6 no. 9:24-25 S '62.
Dismountable system for the preliminary hanging of rail guides. A.G. Gudz', Ugol' Ukr. 6 no. 9 36 S '62.
Economic value of sprayed concrete supports. V.S. Voronin, V.A. Ivanov. Gor. zhur. no. 9:20-21 S '62.
Joint operation in supporting underground workings and surrounding rocks. G.A. Kalkov. Shakht. stroi. 6 no. 10:9-12 O '62.
Mokrinskii, A.S. [Constructing and supporting mine workings] Provedenie i krepenie gornykh vyrabotok. Moskva, Gosgortekhizdat, 1962. 352 p.
Pliable support made of monolithic concrete. G.I. Lunev. Shakht. stroi. 6 no. 10:28-30 O '62.
Rapid shaft supporting. D.I. Chaplman, A.M. Kin. Shakht. stroi. 6 no. 10:26-28 O '62.
Selection of efficient types of supports. V.S. Voronin. Shakht. stroi. 6 no. 10,3-6 O '62.
Spontaneous yielding of friction props in mines and ways to control it. F.P. Glushikhin, A.A. Orlov. Ugol' 37 no. 9:21-23 S '62.
Study of some problems connected with making mine supports from self-stressed reinforced concrete. V.A. Potashnikov. Nauch. soob. IGD 12,64-73 '61.
Support of mine workings in hazardous rocks subjected to swelling. A.G. Lepikhov. Ugol' Ukr. 6 no. 9:34 S '62.
Technical and economic estimation of the possibility of using artifical means of supporting rocks. V.F. Beliaev and others. Gor. zhur. no. 9:26-27 S '62.
Use of the combination method for tubing shaft lining. N.F. Andreev. Shakht. stroi. 6 no. 9:23-24 S '62.

MINE TIMBERING—EQUIPMENT AND SUPPLIES
Mechanizing the preparation and loading of mining timber at mine yards. S.A. Vlasov. Mekh. i avtom. proizv. 16 no. 8:16-17 Ag '62.

MINE VENTILATION
(see also subdivision under Donets Basin, Kuznetsk Basin; Ural Mountains)
Aerodynamics of the movement of an air stream in hydraulic mine workings. V.I. Rossokhinskii. Nauch. soob. IGD 12:165-172 '61.
Automatic ventilation gate. A.Kh. Galeev. Ugol' 37 no. 9:44-45 S '62.
Conference on the mechanization and automation of ventilation in coal and ore mines. V.F. Balanovskii. Ugol' 37 no. 9:59-60 S '62.
Determining the amount of air needed for mine ventilation. A.M. Grigorash. Ugol' Ukr. 6 no. 9:47 S '62.
[Akushin, N.P. [Ventilation and the control of gases in sinking mine shafts] Provetrivanie i bor'ba s gazami pri prokhodke stvolov shakht. Moskva, Gosgortekhizdat, 1962. 230 p.
Miasnikov, A.A. [Ventilation of mine workings with various coal mining systems] Provetrivanie gornykh vyrabotok pri razlichnykh sistemakh razrabotki ugol'nykh plastov. Moskva, Gosgortekhizdat, 1962. 219 p.
Milotich, A.F. [Air leaks in mines; calculation, regulation and control of leaks] Utechki vozduKha v shakhtakh; raschet, regulirovanie i bor'ba s utechkami. Moskva, Gosgortekhizdat, 1962. 130 p.
Regulated fan drive of the main ventilation. L.P. Fil', Ugol' Ukr. 6 no. 9:21-24 S '62.

MINE WATER
Evaluation of the total flow of water into mines of coal deposits. V.D. Babushkin, S.P. Prokhorov. Razved. i okh. nedr 28 no. 9:55-61 S '62
Theoretical and experimental studies of the process of freezing rocks under conditions of flowing underground waters. L.B. Prozorov. Nauch. soob. IGD 12:94-106 '61.

MINERAL INDUSTRIES
At the Central Committee of the Trade Union of Petroleum and Chemical Industry Workers. T.I. Blokhina. Khim. prom. no. 7:544 Jl '62.
Rozin, M.S. [Geography of the mining industry of capitalist countries] Geografiia gornodobyvaiushchei promyshlennosti kapitalisticheskogo mira. Moskva, Geografgiz, 1962. 556 p.

MINERAL WATERS
(see also subdivision under Beznik, Caucasus, Northern; Goryachiy Klyuch, Kuka, Chita Province)

Problems in treatment by the drinking of mineral waters. M. R. Vinogradova, G. A. Nevraev. Vop. kur., fizioter. i lech. fiz. kul't. 27 no. 3, 266-272 My-Je '62

MINERAL WATERS, SULFUROUS
(see also subdivision under Matsesta)

Method of preparing sulfide baths by diluting hydrogen sulfide water with fresh. E. V. Iosifova. Vop. kur., fizioter. i lech. fiz. kul't. 27 no. 3 260-262 My-Je '62.

MINERAL WOOL

Equipment for obtaining mineral wool by the centrifuge-blast method. N. I. Sobolev. Stroi. i dor. mash. 7 no. 6:32-35 Ag '62.

Manufacturing mineral wool by centrifugal means. I. Eremin. Na stroi. Ros. 3 no. 4:31 Ap '62.

Operation of the furnace of a slag wool unit. I. A. Zaiskii. Energ. stroi. no. 27:44-47 '62

MINERAL WOOL—CONGRESSES

Scientific technological conference on the technology of producing slag cotton and glass wool and products made from them. Stroi. mat. 8 no. 8:31-32 Ag '62.

MINERAL'NYYE VODY DISTRICT—SOCIAL PROBLEMS

Each farmer must work conscientiously. P. Zimin. Sov. deput. trud. no. 10:58-59 O '62.

MINERALOGICAL CHEMISTRY see subdivision under Ulukhe Valley

MINERALOGY
(see also subdivision under Irkutsk Basin, Siberia, Eastern, West Siberian Plain)

Grigor'ev, D. P. [Fundamentals of the constitution of minerals] Osnovy konstitutsii mineralov. Moskva, Gosgeolitekhizdat, 1962. 59 p.

MINERALOGY, DETERMINATIVE

Methods of quantitative-mineralogical analysis of heavy concentrates. P. M. Barkikian. Izv. AN Arm. SSR. Geol. i geog. nauki 15 no. 1:95-10 '62.

MINERALS

A rhenium-containing mineral from the ores of the Dzhezkazgan deposit. E. M. Poplavko, I. D. Marchukova, S. Sh. Zak. Dokl. AN SSSR 146 no. 2:433-436 S '62.

MINERALS IN SOIL see subdivision under Tashkent Province

MINERS see subdivision under Chile

MINES AND MINERAL RESOURCES
(see also subdivision under United States)

"Mineral resources, their classification and formation" by S. A. Vakhromeev. Reviewed by I. G. Magakian. Sov. geol. 5 no. 8: 173-175 Ag '62.

Refractory material mining enterprises in 1959-1961. I. M. Golovanenko. Ogneupory 27 no. 8:366-372 '62.

MINGECHAUR—BRONZE AGE

"Ancient Mingechaur; Aeneolithic and Bronze epochs" by G. M. Aslanov, R. M. Vaidov, G. I. Ione. Reviewed by I. G. Narimanov, Z. I. Ampol'skii. Sov. arkheol. 6 no. 3 318-319 '62.

MINGECHAUR—STONE AGE

"Ancient Mingechaur, Aeneolithic and Bronze epochs" by G. M. Aslanov, R. M. Vaidov, G. I. Ione. Reviewed by I. G. Narimanov, Z. I. Ampol'skii. Sov. arkheol. 6 no. 3 318-319 '62.

MINGECHAUR RESERVOIR—CARP

Biology of the reproduction of pike perch and hybrids of roach and bream in Mingechaur Reservoir. A. I. Nabiev, P. K. Melikova. Izv. AN Azerb. SSR. Ser. biol. i med. nauk no. 5, 3-8 '62.

MINGECHAUR RESERVOIR—PERCH

Biology of the reproduction of pike perch and hybrids of roach and bream in Mingechaur Reservoir. A. I. Nabiev, P. K. Melikova. Izv. AN Azerb. SSR. Ser. biol. i med. nauk no. 5, 3-8 '62.

MINING ENGINEERING
(see also subdivision under Donets Basin; Krivoy Rog Basin; Kursk Magnetic Anomaly; Kuslanay Province)

Change in the size of ore in systems with large-scale blasting. M. D. Fuzaun, N. A. Voronkov. Vzryv. delo no. 50/7:157-161 '62.

Complete caving and smooth lowering of the roof. N. A. Shapoval. Ugol' Ukr. 6 no. 9 32-34 S '62.

Control of the harmful effects of bumps in the mines of the U. S. S. R. S. G. Avershin and others. Ugol' 37 no. 8, 22-30 Ag '62.

Dokukin, A. V. [Use of compressed air in mining] Primenenie szhatogo vozdukha v gornoi promyshlennosti. Moskva, Gosgortekhizdat, 1962. 347 p.

Effect of the volume of free space on the shattering of ore in blasting. B. L. Rozinoer. Vzryv. delo no. 50/7:141-147 '62.

New technology of coal mine construction. V. F. Andreev. Ugol' Ukr. 6 no. 9 24-25 S '62.

Skoba, N. D., and V. G. Polozhenko. [Rapid drifting in hard rocks] Skorostnoe provedenie gorizontal'nykh vyrabotok v krepkikh porodakh. Moskva, Gosgortekhizdat, 1962. 112 p.

Some problems of the application of telemechanics in mines. M. A. Gol'din, V. I. Parafenko, L. G. Dergachev. Ugol' Ukr. 6 no. 9 11-13 S '62.

Some regularities in the occurrence of rock pressure in the chamber system of mining. V. Bakhmov. Nauch. soob. IGD 12 (41-53 '61.

State of stress in the massif around openings driven at an angle with undermining of plastic clays. Iu. N. Ogorodnikov. Izv. vys. uch. zav., gor. zhur. 5 no. 6 16-21 '62.

Stressed state of rocks around unsupported mine workings, taking the after-effect into account. Zh. S. Erzhanov, M. I. Rozovskii. Izv. AN Kazakh. SSR. Ser. mat. i mekh. no. 10 3-10 '62

Sudden outbursts of sand rocks in the "Shcheglovka-Glubokaya" mine. N. D. Vologhin and others. Shakht. stroi. 6 no. 9:16-19 S '62.

Trial operation of cutter loaders in mining with the room-and-pillar method. B. N. Lokhanov and others. Ugol' 37 no. 8 33-36 Ag '62.

Use of deep boreholes in upraising in a potassium mine. B. I. Ramodanov, I. G. Tret'iakov. Khim. prom. no. 8 613-611 Ag '62.

Vertical rock pressure on stulls. Zh. S. Erzhanov, N. Karmenkov. Izv. AN Kazakh. SSR. Ser. mat. i mekh. no. 10 11-15 '62

MINING ENGINEERING—BIBLIOGRAPHY see Bibliography—Mining engineering

MINING ENGINEERING—COSTS

Taking the effectiveness of capital investments into account in determining the optimum capacity of mines. V. I. Golomolzin. Shakht. stroi. 6 no. 10 18-21 O '62

MINING ENGINEERING—ELECTRONIC EQUIPMENT

New weight-measuring transducers. V. A. Blizniuk. Gor. zhur. no. 8, 52-54 S '62.

MINING ENGINEERING—EQUIPMENT AND SUPPLIES

Bukhman, IA. Z., and P. G. Molotkov. [Mine hoisting] Shakhtnye pod"emychiki. Moskva, Gosgortekhizdat, 1962.

MINING ENGINEERING—LABOR PRODUCTIVITY

Effect of the quality of ore shattering in breaking on the productivity of labor. F. A. Burnashov. Vzryv. delo no. 50/7 153-156 '62

MINING ENGINEERING—SAFETY MEASURES see subdivision under Sverdlovsk Province

MINING ENGINEERING—TECHNOLOGICAL INNOVATIONS see subdivision under Rudnyy (Kazakhstan)

MINING GEOLOGY

Ushakov, I. N. [Mining geometry; the geometry of mineral resources] Gornaia geometriia; geometriia nedr. Izd. 3, perer. i dop. Moskva, Gosgortekhizdat, 1962. 459 p.

MINING INDUSTRY AND FINANCE see subdivision under Dnepropetrovsk Province

MINING LAW

Consultation. Sov. shakht. 11 no. 9 28-29 S '62.

MINING MACHINERY
(see also subdivision under Tula Province)

Breaking rocks with an impact load. A. I. Fedulov. Trudy Inst. gor. dela Sib. otd. AN SSSR no. 6:37-62 '61

Calculation of the loads and wear of the cutters of the ShBM cutter-loader. V. P. Pomichev. Izv. vys. uch. zav., gor. zhur. 5 no. 6:90-105 '62.

Experimental studies of the operation of various types of cutters. L. A. Khripina, L. B. Glatman. Nauch. soob. IGD 12:146-155 '61.

History of the development and use of percussion mining machines. A. I. Fedulov. Trudy Inst. gor. dela Sib. otd. AN SSSR no. 6:21-35 '61.

MPDR-9 12 loading and hauling machine. P. A. Mikitrev, G. M. Shmygin, A. A. Khrustalev. Gor. zhur. no. 9:54-55 S '62.

Manufacturing self-propelled equipment, reply to the editor's request. Gor. zhur. no. 9:44 S '62

Modernization of the PML-5 loader. B. S. Amurskii. Gor. zhur. no. 9:74-75 S '62.

New equipment for mines. A. Uskov. NTO 4 no. 10:2-3 O '62.

MINING MACHINERY—ABSTRACTS

[Manufacture of construction equipment and road machinery. Mining machinery] Ref. zhur. Otd. vyp. 43: Stroi. i dor. mashinostr. Gor. mash. nos. 19-20 O '62.

MINING MACHINERY—ELECTRIC DRIVING

Dynamics of the drive of a ring-type main working part. L. P. Sorokin. Nauch. soob. IGD 12:204-212 '61.

MINING MACHINERY—MAINTENANCE AND REPAIR

Banatov, P. S. [Repair of mining machinery] Remont gornykh mashin. Izd. 2., perer. i dop. Moskva, Gosgortekhizdat, 1962. 231 p.

MINING MACHINERY—PNEUMATIC DRIVING

Design of a piston pneumatic drive. V. V. [illegible]. Inst. gor. dela Sib. otd. AN SSSR no. 6:11-[illegible]

MINING MACHINERY—TECHNOLOGICAL PROBLEMS

Speed up the development of new equipment for [illegible] and ore mining industry. I. I. Dimin [illegible] proizv. 16 no. 8:1-4 Ag '62

MINING MACHINERY—TESTING

Three-channel tensiometric measuring unit [illegible] and others. Trudy Inst. gor. dela Sib. otd. [illegible] no. 6:91-94 '61.

Using the PO-7 oscillograph in recording [illegible] moving processes. E. F. Akulov, V. V. [illegible]. Trudy Inst. gor. dela Sib. otd. AN SSSR [illegible]

MINSK—EDUCATION, COOPERATIVE

Two schools and their contacts with [illegible]. M. Haroshka. Nar. asv. no. 9 [illegible]

MINSK—EDUCATION, PRESCHOOL

How teachers work with would-be first [illegible]. R. Zhyvatkevich. Nar. asv. no. 6:5 [illegible]

MINSK—EXHIBITIONS

An industrial exhibition of a friendly country [illegible] Itava. Belarus' 19 no. 9:7 S '62.

A Polish exhibition in Minsk. Rab. i [illegible] S '62

MINSK—INDUSTRIAL EQUIPMENT

We shall conquer space and time. N. [illegible]. 19 no. 8 4-5 Ag '62.

Wonderful colors. Aleh Surski. Belarus' [illegible] S '62.

MINSK—PIONEERS (COMMUNIST YOUTH)

Developing initiative and self-help among Pioneers. Z. Piatrushina, M. Mel'nik. Sov. [illegible] no. 8 31-37 Je '62.

MINSK—TEXTILE INDUSTRY

They like their work. I. Smirnova. Rab. [illegible] 6-7 Ag '62.

MINSK—WORLD WAR, 1939-1945 UNDERGROUND MOVEMENTS

"Ruins are firing point-blank" by Ivan [illegible] viewed by V. Burnosau. Belarus' 19 [illegible]

MINT (BOTANY)—FERTILIZERS AND MANURING see subdivision under Ukraine

MINUSINSK BASIN—ASTEROLEPIDAE

Find of Grossolepis aff. tuberculata (Ro[illegible] Devonian sediments of the Minusinsk [illegible] Sergienko. Trudy SNIIGGiMS no. [illegible]

New species Bothriolepis externa sp. n. [illegible] ments of the Tuby series in the Minusinsk [illegible] Sergienko. Trudy SNIIGGiMS no. [illegible]

MINUSINSK BASIN—GEOLOGY, STRATIGRAPHY

Facies changes in Beya stage sediments [illegible] Minusinsk Lowland. V. I. Krasnov. [illegible] no. 15:141-147 '61.

Stratigraphic correlation of the South [illegible] V. I. Krasnov. Trudy SNIIGGiMS no. [illegible]

MINUSINSK BASIN—IRON AGE

"The Tashtyk epoch in the history of the [illegible] sinsk Lowland" by L. R. Kyzlasov. Reviewed by Z. A. Levasheva. Sov. arkheol. 6 no. [illegible]

MINUSINSK BASIN—OIL WELL LOGGING

Methodology of separating fractured [illegible] field geophysical methods. Z. A. [illegible] razved. no. 9:102-108 '62.

MIRACLES see subdivision under [illegible]

MIRGOROD—BAPTISTS

How a life was destroyed. V. Mamai. [illegible] no. 12:26-27 D '61.

MIRNYY (YAKUTIA) DIAMOND MINE A'[illegible]

Price of one carat. N. Korotcev. Vod[illegible] 10-13 Ag '62.

MIRRORS

Precision in manufacturing and adjusting [illegible] of projectors. G. V. Pogarev. Izv. [illegible] prib. 5 no. 4:71-79 '62.

MIRRORS—TESTING

Collimator system for checking the optical [illegible] of large mirrors and polished glass [illegible] R. S. Zolotareva. Stek. i ker. 19 no. [illegible]

MIRZOZOD, KHOLIK

"Kholik Mirzozod" [in Tajik] by M. Mol[illegible] viewed by Kh. Khamidov. Vop. [illegible]

MISCARRIAGE see Abortion

MITES see subdivision under Karelia

MITKEVICH, VLADIMIR FEDOROVICH, [illegible]

Vladimir Fedorovich Mitkevich; on the [illegible] 90th anniversary of his birth. A. M. [illegible] others. Izv. vys. ucheb. zav.; prib. [illegible]

MITOCHONDRIA

Mechanism of changes in the ultrafine organization of infusorian mitochondria under the influence of injury V F Mashanskii, Tsitologiia 4 no. 4 445-449 Jl-Ag '62

MITRAL VALVE—SURGERY

Changes in the heart volume in mitral stenosis under the influence of mitral commissurotomy, X-ray examination. M. A. Ivanitskaia, I. I Rushanov. Terap arkh no. 6:87-91 '62

Complications and treatment of patients in the immediate postoperative period following mitral commissurotomy A. I. Chichov. Terap. arkh no 6:03-86 '62

Late complications following mitral commissurotomy [with summary in English]. S. A Gilinskii, S O Andronova. Terap. arkh, no. 6, 78-83 '62.

MITSKEVICH, KONSTANTIN MIKHAILOVICH, 1862-1956

Celebration of the 80th anniversary of IAkub Kolas' birth in White Russian schools. I. Tsirankou Nar. asv no 9 69-71 S '62

MITSKEVICH, KONSTANTIN MIKHAILOVICH, 1862-1956—FICTION

"His native country"; a tale by Stsiapan Aleksandrovich. Reviewed by M. Bazarevich, Belarus' 19 no 8 20 Ag '62

MIUS VALLEY—GEOMORPHOLOGY

Characteristics of the geomorphological structure in the lower reaches of the Mius Valley. I. M. Roslyi. Geog. zbir. no. 6:59-58 '61.

MIXING

Coefficient of longitudinal mixing in bubble column flow reactors V V. Dil'man, M B Aizenbud Khim prom no. 8 607-609 Ag '62.

MIXING MACHINERY

Performance of "model 115" centrifugal pug mills. A. P. Lavin, S. A. Lowey. Ogneupory 27 no. 6 264-261 '62.

MIXING MACHINERY—TESTING

Distribution of axial forces in the rotors of rubber mixers P P Chetkin Nauch. trudy MTILP no. 23 155-158 '61

MODERN HISTORY see History, Modern

MODULATION (ELECTRONICS)

Design of a semiconductor-diode ring demodulator, V. F. Fatov. Izv. vys. ucheb. zav.; prib. 5 no 1:22-27 '62.

Some features of a ring modulator using silicon diodes P I Popov, N F Safonov Avtom i telem , abst no 9 31 38 '62

MOGILEV PROVINCE—AGRICULTURAL ADMINISTRATION

We shouldn't return to the old methods of guidance. Kommunist 39 no. 16 125-127 N '62.

MOGILEV PROVINCE—SANATORIUMS

On the southern banks of the Ola River. A. Dzitkau. Belarus' 19 no. 8:20 Ag '62

MOHAMMEDAN ANTIQUITIES see subdivision under Kazakhstan

MOHAMMEDANISM see subdivision under Daghestan, Turkmenistan

MOHAMMEDANISM—EDUCATION see subdivision under Azerbaijan

MOINTY VALLEY—LANDFORMS

Effect of recent movements on the relief formation in the Sary-Su--Mointy watershed V V. Donskikh, V. V. Klushkin. Trudy VSEGEI 74 83-98 '62.

MOISTURE

Investigating the binding forms of moisture in motion-picture photographic materials with the method of plotting the isotherms of sorption and desorption. F. M. Polonskaia, Trudy NIKFI no. 45 84-92 '62.

MOISTURE—MEASUREMENT

Determining moisture content by means of lithium chloride. B. I. Sedov. Trudy NIKFI no. 45:50-56 '62.

New method of determining moisture content of materials F. M. Polonskaia, V. F. Belov. Trudy NIKFI no. 45 26-33 '62.

MOLDAVIA—AGRICULTURAL MACHINERY INDUSTRY

Scientific Technological Conference on Welding in Moldavia A A Truskichenko Avtom. svar. 15 no 9:95 S '62.

MOLDAVIA—AGRICULTURE

"Rural toilers must increase the output of agricultural products and lower its costs," Reviewed by D. Funtika. Komm. Mold. 7 no. 9:76-77 S '62.

MOLDAVIA—ANTIQUITIES

The ancient site of Lukashevka No. 2, based on the archeological excavations of 1959. M. A. Romanovskaia. Sov. arkheol. 6 no. 3:293-298 '62.

MOLDAVIA—ASCARIDS AND ASCARIASIS

Treatment of ascariasis by the method of single-dose piperazine adipinate administration in the Moldavian S. S. R. D. I. Simkhovich, A. I. Grinberg, I. M. Raitfel'd. Med. parazi. i parazi. bol. no. 3:294-295 '62.

MOLDAVIA—CICADA

Dog-day cicada, a forest pest D V Vereshchagin, I. P Mikolaeva, K R Vitko Priroda 51 no 7 128 Jl '62

MOLDAVIA—COMMERCE

Moldavia's products on the international market N Koval' Vnesh torg 42 no 8 14-45 '62

MOLDAVIA—CORN (MAIZE)

Effect of various intertillage methods in corn plantings on the processes of erosion and the yield. D. I. Buzhak Vop. eroz. i pov. prod. sklon. zem. Mold. 1:33-44 61.

MOLDAVIA—CORN (MAIZE), CANNED

New types of canned products made with sweet corn. M. S. Mordkovich, M. M. Emel'ianova, M. G. Unbutan. Kons. i ov. prom, 17 no. 10, 16-17 O '62.

MOLDAVIA—EARTHWORMS

Some characteristics of the distribution of Lumbricidae in Moldavia [with summary in English]. T S Petrova Zool zhur 41 no 8 1149-1161 Ag '62

MOLDAVIA—ECONOMIC POLICY

Akademiia nauk Moldavskoi SSR. Institut istorii. [History of the development of socialism in the Moldavian S. S. R.] Voprosy istorii sotsialisticheskogo stroitel'stva v Moldavskoi SSR. Kishinev, Izd-vo "Shtiintsa," 1962. 167 p.
(CSI-H)

MOLDAVIA—EROSION

Some problems concerning the organization of vineyards and soil erosion processes. V. M. Varitseva, V. T. Uzun. Vop. eroz. i pov. prod. sklon. zem. Mold. 1:76-86 '61.

MOLDAVIA—FRUIT CULTURE

Use of strip cropping and making terraces with a plow on slopes for establishing vineyards and orchards, M. N. Zaslavskii. Vop. eroz. i pov. prod. sklon. zem. Mold. 1:87-98 '61.

MOLDAVIA—HEALTH RESORTS, WATERING PLACES, ETC.

"Health resorts of Moldavia" by V. IA Negreaku. Reviewed by M. S. Belen'kii. Zdravookhranenie 5 no. 1 57-59 Jl-Ag '62.

MOLDAVIA—HISTORICAL MUSEUMS

New exposition devoted to Moldavian history G Bytka, P. Itybaltko. Komm. Mold. 7 no. 9:77-80 S '62.

MOLDAVIA—HISTORY

Akademiia nauk Moldavskoi SSR. Institut istorii. [History of the development of socialism in the Moldavian S. S. R.] Voprosy istorii sotsialisticheskogo stroitel'stva v Moldavskoi SSR. Kishinev, Izd-vo "Shtiintsa," 1962. 167 p.
(CSI-H)

MOLDAVIA—INDUSTRIAL MANAGEMENT

Practice in planning production based on factors involved. R. Fedotova. Plan. khoz. 39 no. 10:70-71 O '62.

MOLDAVIA—SOIL CONSERVATION

Effect of various intertillage methods in corn plantings on the processes of erosion and the yield. D. I. Buzhak Vop. eroz. i pov. prod. sklon. zem. Mold. 1:33-44 '61.

Results of the study on the effectiveness of strip subsoiling in erosion control on slopes. D. I. Buzhak and others. Vop. eroz. i pov. prod. sklon. zem. Mold. 1:45-59 '61.

Urgent problems in the control of soil erosion in Moldavia. M. N. Zaslavskii. Vop. eroz. i pov. prod. sklon. zem. Mold. 1 3-9 '61.

MOLDAVIA—SPRINKLER IRRIGATION

DDU-80 field experimental sprinkling unit. V. M. Sakharov. Vop. eroz. i pov. prod. sklon. zem. Mold. 1:119-123 '61.

MOLDAVIA—STOCK AND STOCKBREEDING

We should increase the labor productivity of stock farmers and lower the production costs of livestock products A. Dioritsa. Komm. Mold. 7 no. 9:33-44 S '62

MOLDAVIA—STRIP CROPPING

First results of the study and possibilities of strip farming in Moldavia. M. N. Zaslavskii. Vop. eroz. i pov. prod. sklon zem. Mold. 1:10-32 '61.

MOLDAVIA—TAENIA

Taeniasis in the Moldavian S. S. R. A. M. Rukhova Med. parazi. i parazi. bol. no. 3:281-283 '62.

MOLDAVIA—TERRACING

Experimental study on the effect of the width of strips and the gradient of the slope on the speed of making terraces with a plow. A. G. Rozhkov. Vop. eroz. i pov. prod. sklon. zem. Mold. 1:99-107 '61.

Some technical problems in making terraces with a plow on slopes. A. G. Rozhkov. Vop. eroz. i pov. prod. sklon. zem. Mold. 1:108-118 '61.

Use of strip cropping and making terraces with a plow on slopes for establishing vineyards and orchads. M. N. Zaslavskii. Vop. eroz. i pov. prod. sklon. zem. Mold. 1:87-98 '61.

MOLDAVIA—THERAPEUTICS

Status and prospects for the development of therapeutic service in the Moldavian S. S. R. I. D. Sorochan. Zdravookhranenie 5 no 1:3-7 Jl-Ag '62

MOLDAVIA—TILLAGE

Effect of various intertillage methods in corn plantings on the processes of erosion and the yield. D. I. Buzhak. Vop. eroz. i pov. prod. sklon. zem. Mold. 1:33-44 '61.

Results of the study on the effectiveness of strip subsoiling in erosion control on slopes. D. I. Buzhak and others Vop. eroz. i pov. prod. sklon. zem. Mold. 1:45-59 '61.

MOLDAVIA—TRADE UNIONS

The work of Soviet trade unions should contribute to the solution of new problems. Komm. Mold. 7 no. 9:25-42 S '62.

MOLDAVIA—VITICULTURE

Some problems concerning the organization of vineyards and soil erosion processes. V. T. Uzun Rova, I. P. Uzun. Vop. eroz. i pov. prod. sklon. zem. Mold. 1:76-86 '61.

MOLDING MACHINES

Mechanized screened stopper for molding mixes. I N Afanas'ev, S. V. Koleda Mekh. i avtom proizv. 16 no. 8:20-21 Ag '62

Steam ejector for molding. Stroi. i arkhit. Len '4 no. 4:30 Jl '62.

MOLDS (BOTANY)

Intoxication of horses during feeding with fodder infected with fungi. V. V. Parakhin, I. V. Bashmakova. Trudy Rost. NIVS no. 12:236-248 '60.

Slowly developing mold of grain and its consequences [with summary in English]. Iu. S. Ilin'. Izv. TSKHA no. 2:31-36 '62.

MOLECULAR ASSOCIATION

Study of the association of rhodamine 6G molecules based on electron and vibrational absorption spectra. L. A. Ignat'eva and others. Opt. i spektr. 13 no. 3: 396-402 S '62.

MOLECULAR BEAMS

Excitation of molecules in a mixed energy state [with summary in English]. N. G. Basov, A. N. Oraevskii. Zhur. eksp. i teor. fiz. 42 no. 6:1529-1535 Je '62.

Equations of the density of a molecular beam. O Gutman Zhur. tekh. fiz. 32 no 9:1131-1138 S '62.

Theory of molecular flow. Part 2. Passage through vessels of arbitrary shape. V. L. Lozhachev. Zhur tekh fiz. 32 no. 9:1124-1143 S '62.

MOLECULAR BIOLOGY

Molecular biology. Priroda 51 no. 8:116-117 Ag '62.

MOLECULAR WEIGHTS

Determining the mean molecular weight of alkylaryl sulfonates, alkyl sulfonates and allyl sulfates. V. M. Demitskii. Masl.-zhir. prom. 28 no. 9:31-32 S '62.

MOLECULES

Bulanov, A. F. [Nuclei, atoms, molecules] IAdra, atomy, molekuly. Moskva, Gosatomizdat, 1962. 360 p.

Intensities in infrared absorption spectra and the study of polyatomic molecules. L. A. Gribov. Dokl. AN SSSR 146 no. 1:69-71 S '62.

Kinetics of exothermic reactions between molecules and molecular ions (with summary in English). O. B. Firsov Zhur. eksp. i teor. fiz. 42 no 5:1307-1310 My '62.

MOLES (ANIMALS)

Development of the eye of the mole (Talpa europea L.) during the intrauterine period. Z. A. Sokolova. Vest. Mosk. un. Ser. 6 Biol., pochv. 17 no. 1:24-36 Jl-Ag '62.

MOLLUSKS see subdivision under Kura Valley

MOLLUSKS, FOSSIL see subdivision under Carpathian Mountains

MOLLUSKS AS CARRIERS OF DISEASE see subdivision under Konchozero region

MOLODECHNO DISTRICT—BAPTISTS

Stefanida's "commandments," Galina Vasilevskaia. Rab. i sial. 38 no. 6:19 Ag '62.

MOLTEN METALS see Liquid metals

MOLYBDENUM CHLORIDE

Interaction in the system MoCl5 - FeCl3 [with summary in English]. L. V. Vasil'kova, A. L. Efimov. Vest. LGU 17 no. 16 99-100 '62.

Interaction in the systems molybdenum pentachloride - alkali metal chloride. L. V Vasil'kova, A. L. Efimov Zhur. ob khim 32 no 8:2742-2743 Ag '62.

MOLYBDENUM-IRON-NICKEL ALLOYS see Iron-nickel-molybdenum alloys

MOLYBDENUM-IRON-TITANIUM ALLOYS see Iron-molybdenum-titanium alloys

MOLYBDENUM ORES see subdivision under Nura-Tau

MONASTERIES see subdivision under Kiy Island

MONEY
(see also subdivision under Mali)
Pavlov, P.M. [Money during the period of the building of communism] Den'gi v period stroitel'stva kommunizma. Moskva, Gosfinizdat, 1962. 114 p.

MONGOLIA—DESCRIPTION AND TRAVEL
Aprodov, V.A. [Six thousand kilometers across the Mongolian People's Republic, geologist's notes] 6000 kilometrov po MNR, zapiski geologa Moskva, Geografgiz, 1962. 203 p.

MONGOLIA—GEOLOGY
Aprodov, V.A. [Six thousand kilometers across the Mongolian People's Republic, geologist's notes] 6000 kilometrov po MNR, zapiski geologa. Moskva, Geografgiz, 1962 203 p.

MONGOLIA—HISTORY
V.I Lenin's talks with Mongolian revolutionaries in 1921. A T. IAkimov Vop. ist KPSS 6 no. 5 149-151 '62

MONGOLIA—NATURAL RESOURCES
New life of the Khangai Mountains and the Gobi; development of the natural resources of people's Mongolia. N T Kuznetsov Priroda 51 no 7,74-79 Jl '62

MONGOLIA—YOUTH
The Mongolian Revolutionary Youth League. Mol. mira no. 7-8-8 '61.

MONUMENTS
Brodskii, B.I. and A.S. Varshavskii. [Centuries, sculptors, monuments] Veka, skul'ptory, pamiatniki. Moskva, Sovetskii khudozhnik, 1962. 225 p.

MOON—SURFACE
Angles of rest of loose materials and the dust hypothesis of the lunar surface [with summary in English]. N.S. Orlova. Uch. zap. LGU no. 307:179-186 '62.

MORAL EDUCATION
Children should be trained in the spirit of collectivism from the time of their schooling, speech of Comrade N.S. Khrushchev at the opening of the Moscow Palace of Pioneers and Students. Nach. shkola 30 no 8 3-4 Ag '62.

MORDOVIA—NAMES, GEOGRAPHICAL
Toponymy and archives. I.D. Voronin. Vop geog. no.58: 155-157 '62.

MOROCCO—DESCRIPTION AND TRAVEL
Along the roads of Morocco and Tunisia. V.S. Haviliuk Geog zbir. no. 6:157-164 '62

MOROCHKOVSKII, SEMEN FILIMONOVICH, 1897-1962
In memory of Semen Filimonovich Morochkovskii. N.I. Salmska. Ukr. bot. zhur. 19 no. 4.104-106 '62.

MORPHINE
Action of aminazine in combination with analeptics and morphine in an experiment T.V Raspopova. Kaz. med. zhur. no 3 24-27 My-Je '62.

Chromatographic isolation of morphine in the forensic chemical study of cadaveric material L.M Vlasenko Sud.-med. ekspert. 5 no. 3:38-43 Jl-S '62.

MORPHOLOGY
(see also subdivision under Czechoslovakia)
Correlation between the form and the function; studies on the history of morphology. No.4. L.IA. Bliakher. Trudy Inst. ist. est. i tekh. 40,118-136 '62.

MORPHOLOGY—BIBLIOGRAPHY see Bibliography—Morphology

MORPHOLOGY—PERIODICALS see subdivision under Czechoslovakia

the history of animal morphologii zhivotnykh. Moskva, 12. 262 p.

tvinov. Na stroi. Ros. 3

IICALS
ianeeva. Teatr 23 no 6

no. 8.181 Ag '62.

Court in the Kremlin
75-86 '62.

EXHIBITIONS
nova. Az. i Afr. seg. no. 9:

VD MUSEUMS
Fine Arts; on the 50th anniversary of the October Revolution. Iskusstvo 25

useum. V. TSvetaeva.
2.

MOSCOW—AUDITING AND INSPECTION
Razumov, N.A., and N.V. Savostikova. [Analysis of carrying out the production program in assortment] Analiz vypolneniia proizvodstvennoi programmy po assortimentu. Moskva, Ekonomizdat, 1962. 76 p.

MOSCOW—AUTOMOBILE INDUSTRY
Determining the need for adjusters, controllers and warehouse men. M.Semenova. Sots. trud 7 no. 9:107-110 S '62.

Improvement of the quality of production is a problem of the utmost importance. V.Gostev. Kommunist 39 no. 16:88-95 N '62.

MOSCOW—AUTOMOBILE INDUSTRY—HYGIENIC ASPECTS
Kobel'nikov I.A. [Thank you, doctor] Spasibo, doktor. [Moskva] Profizdat, 1962. 125 p.

MOSCOW—AUTOMOBILES—ROAD GUIDES
Vladimirov, V., A Sokolov, and G. IAsonas. [Across Moscow in an automobile; transit routes and traffic on squares] Po Moskve na avtomobile, tranzitnye marshruty i dvizhenie na ploshchadiakh Moskva, Izd-vo M-va kommun. khoz. RSFSR, 1962. 284 p.

MOSCOW—BANKS AND BANKING
Utilize more fully hidden potentialities for increasing the turnover of goods. I. Moiseev, Z. Rozhdestvenskaia. Den. i kred. 20 no. 8.50-55 Ag '62.

MOSCOW—BOOK CLUBS
Knights of the book. I. Storozhakova Teatr 23 no 8 162 Ag '62

MOSCOW—CALCULATING MACHINES—ACCOUNTING
Accounting system based on forms for the output and wages at the Moscow Computer and Analyzer Plant. A N. Mikenkov, E P. Silichenkova. Mekh. i avtom. proizv. 16 no 8:44-45 Ag '62.

MOSCOW—CHILDREN—GROWTH
Physical development of boarding school students (according to a survey in 1961) [with summary in English]. V. IA. Leont'ev Vop. okh. mat. i det. 7 no. 8 69-72 Ag '62.

MOSCOW—CHILDREN'S PLAYS
"Seven-petalled flower." I. Solov'eva. Teatr 23 no. 9: 118-120 S '62.

"Three fat men" Z Vladimirova Teatr 23 no. 8: 97-98 Ag '62

MOSCOW—CITY PLANNING
Comprehensive design for the reconstruction of the northern part of Dzerzhinskii District. V. Andreev. Stroi. i arkhit. Mosk. 11:8-11 S '62.

Relation of the noise conditions in block no. 9 of Novyye Cheremushki to external noises. I. A. Shishkin, G. L. Osipov, I. L. Karagodina. Issl. po mikroklim. nasel. mest i zdan. i po stroi. fiz. no. 1 54-70 '62.

Sun exposure of buildings in block no. 9 in Novyye Cheremushki. D. S. Maslennikov. Issl. po mikroklim. nasel. mest i zdan. i po stroi. fiz. no. 1:31-53 '62.

MOSCOW—COLLEGE AND SCHOOL DRAMA
"Attention, it is time!" G. Kuzina Teatr 23 no. 8: 146-149 Ag '62.

"I have but one heart." V Pimenov. Teatr 23 no 8 174-175 Ag '62.

MOSCOW—CONSTRUCTION INDUSTRY
F. K. Kostomarov's crew of communist labor A. A. Polianskii. Transp. stroi. 12 no. 8 7-8 Ag '62.

Successfully carry out the plan for the years! Stroi. i arkhit. Mosk. 11 no. 9:1 S '62.

[With concern for our good name] V zabote o dobroi slave. [Moskva] Mosk. rabochii, 1962. 157 p.

MOSCOW—CONSTRUCTION WORKERS
Goncharuk, V. Kh. [One of the first] Odna iz pervykh. [Moskva] Mosk. rabochii, 1962. 33 p. (Novatory semiletki)

MOSCOW—COOKERY
For thirty restaurants A. Pozdnev. Obshchestv. pit no 6 12-13 Je '62

Secrets of skill available to all. S Alekseeva Obshchestv. pit no 6 48 Je '62.

MOSCOW—CORRESPONDENCE SCHOOLS AND COURSES
Give more attention to those who work and study. D.T. Protasov. Masl.-zhir. prom. 28 no. 9:40-41 S '62.

MOSCOW—DISABILITY EVALUATION
First meeting. A. Trofimov. Sots. obesp. 23 no. 7:36-37 Jl '62.

MOSCOW—DWELLINGS
Paying dwellings of Moscow and St. Petersburg (1770-1830's) E I Kirichenko Arkhit nas. 14:135-158 '62

MOSCOW—ELECTRIC EQUIPMENT INDUSTRY
Eliminating the discrepancy between the assigned volume and types of products in planning. M. Khotiakov. Plan. khoz. 38 no. 10:67-69 O '62.

MOSCOW—ELECTRIC MACHINERY INDUSTRY—FINANCE
Role of credit in the working capital of industries. N. Brusilovskaia. Den. i kred. 20 no. 8:27-32 Ag '62.

MOSCOW—EXHIBITIONS
Earned awards. Meteor. i gidrol no. 10:93-94 O '62.

Exhibition of the new models of optical instruments and articles manufactured by the motion-picture industry of the German Democratic Republic. Tekh. kino i telev. 6 no. 10:91-95 O '62.

Moscow. Vystavka dostizhenii narodnogo khoziaistva SSSR, Pavil'on "Khimicheskaia promyshlennost'." ["Chemical Industry" Pavilion; a guide] Putevoditel'. Moskva, 1961. 34 p.

Moscow. Vystavka dostizhenii narodnogo khoziaistva SSSR, Pavil'on "Khimicheskaia promyshlennost'." ["Chemical Industry" Pavilion; a guide] Putevoditel'. Moskva, 1962. 39 p.

New display at the Exhibition of the Achievements of the National Economy of the U.S.S.R. Biul. stroi. tekh 19 no. 3.15 Mr '62.

New exhibits at the Exhibition of the Achievements of National Economy. NTO 4 no. 10:50-51 O '62.

New sanitary-engineering equipment A A Birinkov Ved. i sanit tekh no 8 36-37 Ag '62

MOSCOW—FACTORIES—DESIGN AND CONSTRUCTION
Akademiia stroitel'stva i arkhitektury SSSR. Institut organizatsii, mekhanizatsii i tekhnicheskoi pomoshchi stroitel'stvu. Biuro tekhnicheskoi informatsii. [One-story industrial building with no monitor and with a flat roof and a large network of columns] Odnoetazhnoe bestonarnoe promyshlennoe zdanie s ploskoi kryshei i krupnorazmernoi setkoi kolonn, iz opyta tresta "Mosstroi-6" Glavmosstroia. Moskva, Gosstroiizdat, 1962. 72 p.

MOSCOW—GRAIN—EXHIBITIONS
"Grain" Pavilion M.S. Kryshtaleva. Zemledelie 24 no. 8:76-82 Ag '62.

MOSCOW—GUIDEBOOKS
[Along the streets of Moscow; guidebook] Po ulitsam Moskvy, putevoditel'. [Moskva] Mosk. rabochii, 1962. 429 p.

MOSCOW—HEATING RESEARCH
In the Main Administration for Housing and Public Construction in the City of Moscow; industrial designs of heating systems. D. F. Bogomolov. Ved. i sanit. tekh. no. 7:32-33 Jl '62.

MOSCOW—HISTORICAL RESEARCH
Scholarly research in the Department of the Middle Ages of the Faculty of History of Moscow University in the 1960/1961 academic year. V M. Volodarskii. Srednevekovia no 22:283-284 '62.

MOSCOW—HISTORY
Kudriashov, K.V., and A.M. IAnovskii. [Moscow in the distant past; studies on the life, usages, and customs of Moscow in the 16th and 17th centuries] Moskva v dalekom proshlom; ocherki gorodskoi zhizni, byta i nravov Moskvy XVI - XVII vekov. [Moskva] Mosk. rabochii, 1962. 304 p.

Kudriashov, K.V. [Moscow in 1812] Moskva v 1812 godu. [Moskva] Mosk. rabochii, 1962. 64 p.

MOSCOW—HOTELS, TAVERNS, ETC.
Hotel in Zaryad'ye District. D. Chechulin. Stroi. i arkhit. Mosk. 11 no. 9:20 S '62.

MOSCOW—INDUSTRIAL MANAGEMENT
Razumov, N.A., and N.V. Savostikova. [Analysis of carrying out the production program in assortment] Analiz vypolneniia proizvodstvennoi programmy po assortimentu. Moskva, Ekonomizdat, 1962. 76 p.

MOSCOW—INSURANCE, SOCIAL—EMPLOYEES
Bribe-taker on trial. A. Sivakov. Sots. obesp. 23 no. 7: 25-27 Jl '62.

MOSCOW—LECTURES AND LECTURING
Valuable experience. A. Titarenko. Vest. Mosk. un. Ser. 8:Ekon., filos. 17 no. 5:90-92 S-O '62.

MOSCOW—LIBRARIES
At the command of the heart. F. Kuptsov. Bibliotekar' no. 10:30-32 O '62.

Depository of world culture; 100th anniversary of the Lenin State Library of the U.S.S.R. A. IA. Chernikh Priroda 51 no. 8:60-65 Ag '62.

Moscow. Publichnaia biblioteka. [The Moscow Public Library is 100 years old, 1862-1962] Gosudarstvennoi biblioteke SSSR imeni V.I. Lenina - 100 let, 1862-1962. Moskva, M-vo kul'tury RSFSR, 1962. 19 p.

Orlov, V.N., comp. [The main library of the Soviet Union] Glavnaia biblioteka Sovetskoi strany. Moskva, M-vo kul'tury RSFSR, 1962. 51 p. illus. [In five languages]

MOSCOW—MACHINE-TOOL INDUSTRY
Creative mind never rests. NTO 4 no. 10:6-7 O '62.

MOSCOW—MACHINE-TOOL INDUSTRY—FINANCE
Role of credit in the working capital of industries. N. Brusilovskaia. Den. i kred. 20 no. 8:27-32 Ag '62.

MOSCOW—METALLURGICAL PLANTS—TECHNOLOGICAL INNOVATIONS

These workers are famous for their communist work. A. Sibirskii. NTO 4 no 10:12-13 O '62.

MOSCOW—METALWORK—TECHNOLOGICAL INNOVATIONS

Introduction of advanced technological processes for machining metals in enterprises of the Moscow City Economic Council. S. N. Nesterov. Biul tekh.-ekon. inform. Gos. nauch.-issl. inst. nauch. i tekh. inform. no. 9 79 '62.

MOSCOW—MOTION-PICTURE THEATERS

An open letter written to Comrade N. A Dygalu, Chairman of the Moscow Soviet I Vaisfel'd and others. Isk. kino no. 9 85 S '62

MOSCOW—MUSIC HALLS (VARIETY THEATERS, CABARETS, ETC.)

Animation, laughter, and applause in the auditorium . I Cherneiskii Teatr 23 no. 9:160-161 Ag '62

MOSCOW—NEWSPAPER AND PERIODICAL CIRCULATION

The day the astronauts performed their feat. V. Nefedov, M. Malakhaev. Raspr. pech. no. 9 3 S '62.

MOSCOW—NOTARIES

He doesn't want to be served by any other notary. A. Kadtaev Sov. just no. 19:23-24 O '62.

MOSCOW—OPERA

"Cosi fan tutte" I Mikhailova. Teatr 23 no 8:102-104 Ag '62

MOSCOW—POLITICS AND GOVERNMENT

[Bulletin of the Moscow Executive Committee] Biul. Ispol. kom Mosk gor sov. nos. 17-18 '62

MOSCOW—PUBLIC BUILDINGS

Palace of Congresses. I. Oglobiin. Znan.-sila 37 no 5,2-5 My '62.

MOSCOW—RAILROADS—REPAIR SHOPS

Bring the work to an end. G. Kolpashnikov. Part. zhizn' no. 19:10-51 O '62.

MOSCOW—RESTAURANTS, LUNCHROOMS, ETC

Three new enterprises every week A. Ershov. Obshchestv pit. no. 6 27-28 Je '62.

MOSCOW—RETAIL TRADE

Utilize more fully hidden potentialities for increasing the turnover of goods. I. Moiseev, Z. Rozhdestvenskaia. Den. i kred. 20 no. 8:50-55 Ag '62.

MOSCOW—SCHOOL HYGIENE

Physical development of boarding school students (according to a survey in 1961) [with summary in English]. V. IA Leont'ev. Vop. okh. mat. i det. 7 no. 8: 69-72 Ag '62.

MOSCOW—SCIENTIFIC LIBRARIES

To serve technical progress. L. Glazacheva. Bibliotekar' no 9-13-46 S '62.

MOSCOW—SOVIETS

A deputy's busy life. I. Smirnov. Sov. deput. trud. no. 10:86-87 O '62.

TSidilin, P. S. [Highly effective method] Chudesnoe sredstvo. [Moskva] Mosk rabochii, 1962. 53 p.

MOSCOW—STATISTICAL WEATHER FORECASTING

Using empirical influence functions in forecasting weather in one place. P. N. Belov. Trudy TSIP no. 102:60-63 '62.

MOSCOW—SUBWAYS

Rapid method of tunneling with ordinary shields. G. V. Borisenok and others. Transp. stroi. 12 no. 8:22-24 Ag '62.

MOSCOW—TEACHERS, TRAINING OF

In a municipal institute for teacher improvement. Nar. obr. no. 10:124-125 O '62.

MOSCOW—TEXTILE INDUSTRY

On the wide road of technological development. N. Osipov. NTO 4 no. 10:8-9 O '62.

MOSCOW—THEATER

A. Mikhailov as Robert de Monet. I. Romaneeva. Teatr 23 no. 9:160 S '62.

During the day. O. D. Teatr 23 no. 9:156 S '62.

The facts of the matter are.... Teatr 23 no. 9:161-162 S '62.

"Guest from the night." V. Shitova. Teatr 23 no. 9:124-125 S '62.

"IAkov Bogomolov." M. Grigor'ev. Teatr 23 no. 8: 86-92 Ag '62.

In the Gogol' Theater. L. Bulgak. Teatr 23 no. 9:85-94 S '62.

In the Kremlin Theater. B. Serebrennikova. Teatr 23 no. 8:153 Ag '62.

In the shadow of an overhanging sombrero. A. Chernova. Teatr 23 no. 9:102-110 S '62.

"Put a roof over Matoufle's head!.." B. Medvedev. Teatr 23 no. 9:120-122 S '62.

MOSCOW—THEOLOGICAL SEMINARIES

Defense of a dissertation for the master's degree at the Moscow Theological Academy. K. Komarov. Zhur. Mosk. Patr. no. 8:10-12 Ag '62.

MOSCOW—TRAFFIC REGULATIONS

Vladimirov, V., A. Sokolov, and G. IAsonas. [Around Moscow in an automobile; transit routes and traffic on squares] Po Moskve na avtomobile; tranzitnye marshruty i dvizhenie na ploshchadiakh. Moskva, Izd-vo M-va kommun khoz. RSFSR, 1962. 284 p.

MOSCOW—TRANSPORTATION, AUTOMOTIVE

Organizing the haulage of commercial goods in small regions. IU. Lesov. Avt. transp. 40 no. 9 15-16 S '62.

MOSCOW—TUNNELING

Settling of the surface during shallow tunneling. G. V. Molodtsov, V. N. Solov'ev. Transp. stroi. 12 no. 8, 44-46 Ag '62.

MOSCOW, BATTLE OF, 1941-1942

"The Great Battle of Moscow, 1941-1942" by A. M. Samsonov. Reviewed by L. N. Panin Sbor. dokl. Voen ist sek no. 3:164-201 '60

MOSCOW BASIN—COAL MINES AND MINING—COSTS

There is a profit! I. Nekhamkin. Sov. shakh. 11 no 10 17 O '62.

MOSCOW BASIN—COAL MINES AND MINING—LABOR PRODUCTIVITY

Record set by the Moscow Province miners. Ugol' 37 no. 8:5 Ag '62.

We shall celebrate the anniversary of Miner's Day with new production achievements. V. P. Bagatyrev, I. F. Litvin. Ugol' 37 no. 8, 21-22 Ag '62.

MOSCOW PROVINCE—BANKS AND BANKING

Develop the initiative and creativeness of the masses. I. Chernov, A. Novokhatskii. Den. i kred. 20 no. 8: 19-26 Ag '62.

MOSCOW PROVINCE—COLLECTIVE FARMS—COSTS

Kvachev, V. M. [Reducing the cost of production on collective farms; as exemplified by suburban collective farms in Moscow Province] Snizhenie sebestoimosti produktsii v kolkhozakh; na primere prigorodnykh kolkhozov Podmoskov'ia. Moskva, Ekonomizdat, 1962, 66 p. (Ekonomicheskoe samoobrazovanie)

MOSCOW PROVINCE—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

Kolchina, O. P. [Voluntary participation in party work; from the practice of the party organization of Moscow Province] Obshchestvennye nachala v partiinoi rabote, iz opyta raboty Moskovskoi oblastnoi partiinoi organizatsii. Moskva, Izd-vo "Znanie," 1962. 30 p. (Novoe v zhizni, nauke, tekhnike. I Serila, Istorila, no. 10)

MOSCOW PROVINCE—COMMUNITY CENTERS

Thousands of more clubs. V. Ivanova. Sov. profsoiuzy 18 no. 16:37-38 S '62.

MOSCOW PROVINCE—CORN (MAIZE)

Effective method for weed control in corn fields on turf-Podzolic soils [with summary in English]. G. S. Gruzdev, V. G. Bezuglov. Izv. TSKHA no. 3:25-33 '62.

MOSCOW PROVINCE—FARM MECHANIZATION

Chernyshov, A. N. [Skilful people on our state farm] Umel'tsy mashego sovkhoza. [Moskva] Mosk. rabochii, 1961. 34 p. (DNAL)

Voluntary designers help agriculture. IU. L. Kushnarev. Mashinostroitel' no. 9:7 S '62.

MOSCOW PROVINCE—HOTBEDS

Kilimnik, F. Kh. [Mechanization of work in hotbeds] Mekhanizatsiia rabot na parnikakh. [Moskva] Mosk. rabochii, 1962. 28 p. (Ikh opyt dostupen vsem) (DNAL)

MOSCOW PROVINCE—INDUSTRIAL MANAGEMENT

Develop the initiative and creativeness of the masses. I. Chernov, A. Novokhatskii. Den. i kred. 20 no. 8, 19-26 Ag '62.

MOSCOW PROVINCE—MACHINERY INDUSTRY—COSTS

Several shortcomings in calculating costs in machinery manufacturing. A. Kessel'. Plan. khoz. 39 no. 10: 61-64 O '62.

MOSCOW PROVINCE—MEDICAL PERSONNEL

Conference of subprofessional medical personnel of Moscow and Moscow Province. A. F. Kurnetsova. Med. sestra 21 no. 8:55-57 Ag '62.

MOSCOW PROVINCE—OAK

Interrelation between spruce and oak in Moscow Province. K. V. Kiseleva. Vest. Mosk. un. Ser. 6: Biol., pochv. 17 no. 4:67-71 Jl-Ag '62.

MOSCOW PROVINCE—PAYMENT

Payments for petroleum products. L. Ezerskii. Den. i kred. 20 no. 8:33-37 Ag '62.

MOSCOW PROVINCE—PETROLEUM—TRANSPORTATION

Payments for petroleum products. L. Ezerskii. Den. i kred. 20 no. 8:33-37 Ag '62.

MOSCOW PROVINCE—POLITICS AND GOVERNMENT

[Bulletin of the Moscow Province Executive Committee] Biul. Ispol. kom. Mosk. obl. sov. nos. 16-17 Ag-S '62.

MOSCOW PROVINCE—SPRUCE

Interrelation between spruce and oak in Moscow Province. K. V. Kiseleva. Vest. Mosk. un. Ser. 6 Biol., pochv. 17 no. 4 67-71 Jl-Ag '62.

MOSCOW PROVINCE—STATE FARMS

Follow-up of our materials. Sov. profsoiuzy 10 no. 16: 17 S '62.

Size of state vegetable-potato farms in Moscow Province [with summary in English]. IU. F. Vekeler, V. M. Obukhovskii. Izv. TSKHA no. 3:185-197 '62.

MOSCOW PROVINCE—TECHNOLOGICAL INNOVATIONS

Intended a lot, but.... G. Sorokina. Izobr. i rats. no. 10: 28 O '62.

MOSCOW PROVINCE—TRANSPORTATION, AUTOMOTIVE

Sidetracks or motor tracks. IU. Tikhonchuk. Avt. transp. 40 no. 9:17-18 S '62.

MOSCOW PROVINCE—VEGETABLE GARDENING

Size of state vegetable-potato farms in Moscow Province [with summary in English]. IU. F. Vekeler, V. M. Obukhovskii. Izv. TSKHA no. 3:185-197 '62.

MOSCOW PROVINCE—WEED CONTROL

Effective method for weed control in corn fields on turf-Podzolic soils [with summary in English]. G. S. Gruzdev, V. G. Bezuglov. Izv. TSKHA no. 3:25-33 '62.

MOSCOW PROVINCE—WELDING—TECHNOLOGICAL INNOVATIONS

Advanced trends in the technology and organization of production processes in welding shops of machinery plants of the Moscow Province Economic Council. I. W. Gellert. Biul. tekh.-ekon. inform Gos. nauch.-issl. inst. nauch. i tekh. inform. no. 9 80-82 '62.

MOSCOW REGION—LABOR REST HOMES

Sarkisov, I. Z. [Relax in the Moscow environs; handbook on rest homes and sanatoriums] Otdykhaite v Podmoskov'e; spravochnik o domakh otdyka i sanatoriiakh. [Moskva] Mosk. rabochii, 1962. 191 p.

MOSCOW REGION—SANATORIUMS

Sarkisov, I. Z. [Relax in the Moscow environs, handbook on rest homes and sanatoriums] Otdykhaite v Podmoskov'e; spravochnik o domakh otdyka i sanatoriiakh. [Moskva] Mosk. rabochii, 1962. 191 p.

MOSLEY, OSWALD, 1896-

Antifascists on guard. Nov vrem. 20 no 42 1-2 O '62.

MOSQUITOES—LARVAE

Morphological changes in various stages of larvae in some species of mosquitoes belonging to the subfamily Culicinae. M. P. Lobkova, M. P. Makurova. Trudy kar. fil. AN SSSR no. 30,129-142 '61.

MOTION

Chetaev, N. G. [Stability of motion. Works on analytic mechanics] Ustoichivost' dvizheniia. Raboty po analiticheskoi mekhanike. Moskva, Izd-vo Akad. nauk SSSR, 1962. 535 p.

Classification of Poisson-stable motions. Pseudocurrent motions. B. A. Shcherbakov. Dokl. AN SSSR 146 no. 2:322-325 S '62.

Criteria of aperiodic stability of motion [with summary in English]. O. M. Holubentsev, A. M. Dzhelovez. Prykl. mekh. 8 no. 4:379-380 '62.

Stability of motion. V. M. Matrosov. Prikl. mat. i mekh. 26 no. 5:885-895 S-O '62.

Theory of the motion of bodies with variable mass in the relativistic version [with summary in English]. O. A. Mindin. Prykl. mekh. 8 no. 5.546-551 '62.

MOTION-PICTURE AUDIENCES

There can be no art without the participation of the viewer. Khr. Khersonskii. Isk. kino no. 9:13-16 S '62.

MOTION-PICTURE CAMERAS

Underwater camera for making motion pictures. Ryb. prom. 56:8-14 '61.

MOTION-PICTURE FESTIVALS see subdivision under Venice

MOTION-PICTURE INDUSTRY

Kallistratov, IU. A. [Soviet motion-pictures and the seven-year plan] Sovetskoe kino i semiletka. Moskva, Iskusstvo, 1960. 159 p. (MIU)

MOTION-PICTURE PHOTOGRAPHY—BIBLIOGRAPHY see Bibliography—Motion-picture photography

MOTION-PICTURE PHOTOGRAPHY—EQUIPMENT AND SUPPLIES

[Photographic and motion-picture equipment and optical instruments] Ref. zhur. Otd. vyp. 46: Foto-kinoapp. i opt. prib. no. 19 O '62.

MOTION-PICTURE PHOTOGRAPHY—FILMS

Investigating the binding forms of moisture in motion-picture photographic materials with the method of plotting the isotherms of sorption and desorption. F. M. Polonskaia. Trudy NIKFI no. 45:84-92 '62.

Investigating the drying process of a processed motion-picture film. N. A. Vinogradova. Trudy NIKFI no. 45: 7-25 '62.

System for rapid drying of processed motion-picture films. F. A. Rozental' and others. Trudy NIKFI no. 45: 33-40 '62.

ION-PICTURE PHOTOGRAPHY—FILMS—BIBLIOG-
...PHY see Bibliography—Motion-picture photography—Films

MOTION-PICTURE PHOTOGRAPHY—STANDARDS
Technological norms in the production of motion picture films for television broadcasting (with summary in English). V.B.Tolmachev. Tekh.kino i telev. 6 no.10 69-78 O '62.

MOTION-PICTURE PHOTOGRAPHY, SUBMARINE
Use of a wide-angle lens attachment in underwater photography with a 16 mm motion-picture camera (with summary in English on p.96). A.S.Lodkin. Tekh. kino i telev. 6 no.10,67-68 O '62.

MOTION-PICTURE PHOTOGRAPHY, TRICK
Solidified fuel for pyrotechnical effects in motion-picture filming. V.M.Sukhoretskii Tekh.kino i telev. 6 no.10;63-66 O '62

MOTION-PICTURE PLAYS
(see also subdivision under Azerbaijan; China, Georgia; Greece, Italy)
Advice of artists Isk.kino no 9 3-10 S '62.
"Children and ducklings"; a motion-picture film V.Toropov. IUn.nat. no.8:35 Ag '62.
Human R.IUrenev. Isk kino no.9;16-20 S '62
May I have a word G.Roshal' Isk.kino no 9;75-78 S '62.
Motion-picture schedule Isk.kino no 9;133-136 S '62
Movie-goers continue the discussion. Isk kino no.9;79-81 S '62.
"Okraina." M.Shaternikova. Isk.kino no 9;129-132 S '62.
On the screen, a story by Kuprin. M.Sul'kin. Nauka i rel. no 9 86-89 S '62
On the screens of the world. Isk.kino no.9;122-126 S '62.
Principal concern. Isk.kino no.9:1-2 S '62
With conscience. N.Ignat'eva. Isk.kino no 9:21-25 S '62.

MOTION-PICTURE PROJECTION
(see also subdivision under Krasnopol'ye District)
Image sharpness of motion pictures (with summary in English on p.96). V.G.Komar. Tekh.kino i telev. 6 no.10;1-11 O '62.

MOTION-PICTURE PROJECTORS
Motion-picture projector with two control posts for continuous television broadcasting of color motion pictures (with summary in English on p.96). D.A. Taranets Tekh.kino i telev. 6 no.10 45-51 O '62.
Temperature conditions of motion-picture projector lenses (with summary in English on p.96). I.M. Fonar', L.G.Tarasenko. Tekh.kino i telev 6 no 10 26-30 O '62.

MOTION-PICTURE STUDIOS
Motion-picture studios exchange practices. Tekh.kino i telev. 6 no.10;92-93 O '62.

MOTION-PICTURE THEATERS see subdivision under Moscow

MOTION-PICTURE THEATERS—VENTILATION
Functioning of the ventilation systems of motion-picture theater auditoriums in Moscow G.F Visbulakov, K.S.Kalinina, N.A Matveeva Vod i san.tekh no 8 8-11 Ag '62.

MOTION PICTURES
(see also subdivision under Brazil; Ukraine)
Image sharpness of motion pictures (with summary in English on p.96). V.G.Komar. Tekh.kino i telev. 6 no.10;1-11 O '62.
"Motion pictures and our times." Reviewed by V.Kuznetsov. Isk.kino no.9,127-128 S '62.
Skilled and unskilled workmanship; notes on cinema art. B.Buriak. Komm.Ukr. 38 no.9;55-63 S '62.

MOTION PICTURES—DUBBING
Do not speak with a wooden voice! Isk.kino no.9;82-83 S '62.

MOTION PICTURES—EQUIPMENT AND SUPPLIES see subdivision under Germany, East

MOTION PICTURES, ANTIRELIGIOUS
Dovzhenko's works unmask religion. M.Kovalenko. Voiov.ateist no.12;50-51 D '61.
"The betrayed." M.Kosenko. Voiov.ateist no.12;56-56 D '61.

MOTION PICTURES, DOCUMENTARY
Abramov, N.P. Dziga Vertov. Moskva, Izd-vo Akad. nauk SSSR, 1962. 195 p.
Motion pictures and special departments. L.Rondell Isk.kino no.9;10-12 S '62.
Readers, it is for you. I.Sviatunov. Raspr.pech. no.7: 20 Jl '62.

MOTION PICTURES, ITALIAN
Rocco and his brothers. N.N. Mol.mira no.7:12-13 '61.

MOTION PICTURES FOR CHILDREN
Intransitiveness. IU Miroshnikov. Isk kino no.9:28-30 S '62.
Paramonova, K.K [Beginning of films for children; on some problems of children's motion pictures, 1918-1926 | Rozhdenie fil'ma dlia detei, nekotorye voprosy istorii detskogo kinematografa, 1918-1926 gg (lektsiia) Moskva, Vses.gos in-t kinematografii, 1962 36 p.

MOTION PICTURES IN COMMUNIST EDUCATION see subdivision under Ardatov (Mordovia)

MOTION PICTURES IN EDUCATION
Motion-picture theater at a school N.Uritskii Nar obr no 8 112-113 Ag '62

MOTOR SCOOTERS
Organize races for motor scooters. G.Priede Za rul. 20 no.9:28 S '62.

MOTOR VEHICLES
Batishchev, I.I., and A.V.Shumov. [Operation of self-loading motor vehicles] Ekspluatatsiia avtomobilei-samogruzchikov. Moskva, Avtotransizdat, 1962. 156 p.
Isaev, A.S. [From the horseless carriage to the ZIL-111 automobile; from the history of automobile engineering] Ot samobeglo kolíaski do ZIL-111; iz istorii avtomobilia. [Moskva] Mosk. rabochii, 1961. 167 p.
The motor-vehicle industry during the 45 years of the Soviet regime. A.A.Anders. Avt.prom. 28 no.10 1-2 O '62.
News of foreign engineering. Avt.transp. 40 no.9:63 S '62.
News of foreign engineering. Za rul. 20 no.9 30-31 S '62.

MOTOR VEHICLES—AXLES
Stand for testing driving axles. V.Temnov, V.Liubimov. Avt.transp. 40 no.9 52-53 S '62.

MOTOR VEHICLES—BATTERIES
Beloiserkovskii, A.G. [Motor-vehicle batteries] Avtomobil'nye akkumuliatory. Kiev, Gostekhizdat USSR, 1962. 119 p. (Biblioteka avtomobilista)

MOTOR VEHICLES—BRAKES
Device for checking brakes. V.Chistilin. Avt.transp. 40 no.9,57 S '62.

MOTOR VEHICLES—COLD WEATHER OPERATION
Fluid heaters for motorbuses and motortrucks. A.Golubev. Avt.transp. 40 no.9 21-23 S '62.

MOTOR VEHICLES—DYNAMICS
Increasing dynamic indices of bottled-gas motor vehicle by changing the angle of ignition. I.T. Lavrinenko, M.S. Glushchenko. Mashinostroenie no.4:84-86 Jl-Ag '62.

MOTOR VEHICLES—ENGINES
Liubashevskaia, A.L., B.R.Margolin, and K.G.Nenashev, compa. [Motor vehicle engines and their modifications] Avtotraktornye dvigateli i ikh modifikatsii. Moskva, Mashgiz, 1962. 74 p. (Avtomobil'naia i traktornaia promyshlennost' na vystavke dostizhenii narodnogo khoziaistva SSSR)

MOTOR VEHICLES—ENGINES—SUPERCHARGERS
Repairing end plates of superchargers of the MAZ-201 engine. A.Fomin. Avt.transp. 40 no.9:56 S '62.

MOTOR VEHICLES—INSPECTION
Activity of a voluntary inspector of motor vehicles. M.Braslavskii. Avt.transp. 40 no.9,44-45 S '62

MOTOR VEHICLES—LIGHTING
Antifog light filters for automobile headlights. L.A. Golubtsov and others. Stek.i ker. 10 no.8 19-20 Ag '62.

MOTOR VEHICLES—MAINTENANCE AND REPAIR
More attention to the mechanization and automation of maintenance and repair of motor vehicles. A.Shelnin, E.Marskii. Avt.transp. 40 no.9,6-7 S '62.
Shadrichev, V.A. [Selecting an efficient method for the reconditioning of motro-vehicle parts by metal coating] Osnovy vybora ratsional'nogo sposoba vosstanovleniia avtomobil'nykh detalei metallopokrytiiami. Moskva, Mashgiz, 1962. 295 p.
Special exhibition "New techniques in the repairing of units of motor vehicles." V.Chepelevskii, G.Sarkhoshian. Avt.transp. 40 no.9:58 S '62.
Using plastics in repairing motor vehicles. G.Malyshev. Avt transp. 40 no.9:27-29 S '62.

MOTOR VEHICLES—RADIATORS
Criterions and methods for evaluating thermal effectiveness of motor-car radiator cores. E.E.Khmel'nitskii. Avt.prom. 28 no.10:22-26 O '62.

MOTOR VEHICLES—SAFETY MEASURES
Manzon, A.I. [Accident prevention and industrial sanitation] Tekhnika bezopasnosti i proizvodstvennaia sanitariia. Kiev, Gostekhizdat USSR, 1962. 82 p. (Biblioteka avtomobilista)

MOTOR VEHICLES—SOCIETIES, ETC.
Self-financing; how to organize it? A.Pavlov, P.Gol'denberg. Za rul. 20 no.9:26-27 S '62.

MOTOR VEHICLES—TRANSMISSION DEVICES
Malakhovskii, IA.E., A.A. Lapin, and N.K. Vedeneev. [Cardan transmissions] Kardannye peredachi. Pod red. A.A. Lipgarta. Moskva, Mashgiz, 1962. 153 p. (Proektirovanie avtomobilia)
"Transmissions with flexible wire shafts" by G.I.Fegan Vol'man. Reviewed by P.A. Shmakalov, L.I Romanovskaia. Avt.prom. 28 no.10 3 of cover O '62.

MOTORBOATS
The MAI motorboat. A Voshchinin Za rul 20 no.9 20 S '62
Romanenko, L.L., and L.S. Shcherbakov. [Motorboat, manual for amateurs] Motornaia lodka, posobie dlia liubitelei. 2 , izpr i dop izd Leningrad, Sudpromgiz 1962. 338 p
Ships on an air cushion. V.Larionov. Voen.znan. 38 no 9:26 '62.

MOTORBOATS—HANDBOOKS, MANUALS, ETC.
Kuliaev, T.A., and M.IA. Chernenok. [Manual for operators of motorboats and launches] Posobie voditeliu motornoi lodki i katera. Moskva, Izd-vo "Rechnoi transport," 1962. 210 p.

MOTORBUSES
The Ikarus-180 coupled motorbus. G.Tokarev. Avt. transp. 40 no.9,61-62 S '62.
Ostrovskii, A. [Motorbus, trolley bus, street car, taxicab] Avtobus, trolleibus, tramvai, taksi. [Moskva] Mosk. rabochii, 1962. 90 p.

MOTORCYCLE INDUSTRY see subdivision under Kiev

MOTORCYCLE RACING
(see also subdivision under Latvia; Leningrad; Tallinn)
If you have given your word, keep it, if you have given your pledge, carry it out. Za rul. 20 no.9 6-8 S '62
"Motorcycle cross-country racing" by G. Afrenov Reviewed by B. Mandrus. Za rul. 20 no.9 3 S '62.
Motorcycles take an examination N.Odnolko. Za rul. 20 no.9,21 S '62.
Raise higher the banner of Soviet automobile and motorcycle racing. A.Skvortsov. Za rul. 20 no 9:2-5 S '62.
Return to the trade mark IU Korol' Za rul. 20 no.9 20 S '62.

MOTORCYCLES
(see also subdivision under Khalturin)
For those who drive heavy motorcycles G.Zhernochkin Za rul. 20 no.9 22-23 S '62.
New suspension for motorcycles. A.Khalturin Za rul. 20 no.9,23 S '62.

MOTORCYCLES—MAINTENANCE AND REPAIR
Silkin, A.N. [Maintenance and repair of a motorcycle] Tekhnicheskoe obsluzhivanie i remont mototsikla. Moskva, Izd-vo DOSAAF, 1961. 132 p.

MOTORSHIPS
Results of trials of "Volgo-Don" type motorships. Rech. transp. 21 no.9:27-28 S '62.

MOTORTRUCKS
The LM-7 motortruck at the Kostnsk lumbering establishment V.K.Kriuchkov. Les.prom. 10 no.7 9-10 Jl '62.
The PPB-16 semitrailer for transporting trusses. S.R. Belokonenko. Mekh.stroi. 19 no.4,26 Ap '62.
Ponomarev, O.P. [Modern fuel-feed systems for diesel engines for trucks and tractors, review] Sovremennaia toplivopodaiushchaia apparatura avtotraktornykh dizelei, obzor. Pod red S.A. Vasil'eva. Moskva, TSentr. in-t nauchno-tekhn informatsii mashinostroeniia, 1961. 98 p
Trucks and semitrailers for transporting reinforced concrete trusses. S.IA. Margolis. Mekh.stroi. 18 no.4: 18-20 Ap '62.

MOTORTRUCKS—BRAKES
Glued joints in brake units and clutch disks of motor trucks. TS.M. Vol. Avt.prom. 28 no.10,36-38 O '62.

MOTORTRUCKS—DYNAMICS
Economic efficiency and dynamic of the MAZ-200 motortruck with the new IAMZ-236 diesel engine. M.I.Retsker. Avt.prom. 28 no.10:28-29 O '62.

MOTORTRUCKS—FUEL SYSTEMS
Devices of the fuel system of the GAZ-53I motortruck engine. V.Panfilov. Avt.transp. 40 no.9:41-43 S '62.

MOTORTRUCKS—MAINTENANCE AND REPAIR
Kochnov, V.N. and Zh.V.Monosov. [Assembly-line repair of motortruck cabins] Remont kabin gruzovykh avtomobilei na potoke. Moskva, Avtotransizdat, 1962. 73 p. Obmen tekhnicheskim opytom avtotransportnykh predpriiatii)
Vostrikov, L.I., and E.I. Kozarevskii. [Adjustment of MAZ motortrucks] Regulirovka avtomobilei MAZ. Moskva, Avtotransizdat, 1962. 54 p.

MOUNDS see subdivision under Donets Valley; Goryshkino; Sula Valley

MOUNTAIN WAVES

Musaelian, SH A [Lee waves in the atmosphere] Volny prepiatstvii v atmosfere Leningrad, Gidrometeoizdat, 1962 142 p

MOUNTAINEERING—ABSTRACTS

[Regional studies] Ref. zhur., Otd. vyp. 35 Kraeved. no. 10 O '62.

MOUNTAINEERING—ACCIDENTS see subdivision under Czechoslovakia

MOUTH—DISEASES

Study of the incidence of diseases of the mouth and teeth as revealed by data on patients' visits, T.I Kudriavtseva, Zdrav. Ros. Feder 6 no 7:15-19 Jl '62.

MOVEMENT, PSYCHOLOGY OF

Effect of various forms of external stimulation on the effectiveness of movements and actions. N R. Bogush. Probl. psikhol. sporta no. 2:115-121 '62.

How we develop a sense of movement in children L. IAshukina. Nar. asv. no 6,78-81 Je '62.

MOVEMENT DISORDERS

"Involuntary gesticulation" syndrome [with summary in French] L M Golubovskii Och. klin. nevr no 1 115-122 '62

Movement and vasomotor disorders in the paralytic form of poliomyelitis [with summary in French] A.N Gordienko. Zhur. nevr. i psikh. 62 no. 7:982-987 '62.

Oksazil, a preparation for treating myasthenia and other movement disorders. B.A. Medvedev. Med. prom. 16 no. 5:54-56 My '62.

MOVEMENTS OF ANIMALS see Animal mechanics

MOWING MACHINES

The KIRA-1, 5 rotary mower-grinder M. A. Pantus, Biul. tekh.-ekon. inform. Gos. nauch.-issl. inst nauch. i tekh inform. no. 9:56-57 '62.

MOZART, WOLFGANG AMADEUS, 1756-1791

"Cosi fan tutte." I Mikhailova Teatr 23 no. 8:102-104 Ag '62

MUGDUSIEV, IVAN PETROVICH, 1888-1961

In memoriam I. P. Mugdusiev. Vop. kur., fizioter. i lech. fiz. kul't. 27 no. 3:287 My-Je '62.

MULLER, GERHARD FRIEDRICH, 1705-1783

Publication in 1749 of G. F. Muller's address on "The origin of the Russian people and their name." M. M. Gurevich, K. I. Shaftanovskii. Kniga; issl. i mat. 6, 262-285 '62.

MULTIPLE BIRTH see Birth, Multiple

MUNICIPAL SERVICES see subdivision under Zaporozh'ye

MURAL PAINTING AND DECORATION—CONSERVATION AND RESTORATION see subdivision under Italy

MURGAB OASIS—RECLAMATION OF LAND

First results of the reclamation of new lands in the Murgab Oasis. F F. Trapeznikov, N. G. Minashina, G. M. Topalov. Izv. AN Turk. SSR. Ser. biol. nauk no. 4:28-33 '62.

MURGAB OASIS—SOIL MICRO-ORGANISMS

Sporeforming bacteria of takyr soils, irrigated many centuries ago, their specific composition and characteristics of metabolism. Izv. AN Turk. SSR. Ser. biol. nauk no. 3:34-43 '62.

MURGAB OASIS—SOILS

Characteristics of soils in the Murgab region of Mary Province. R. Sapaliev. Izv. AN Turk. SSR. Ser. biol. nauk no. 4 54-61 '62.

MURGAB VALLEY—ARCHAEOLOGY

The commercial and post road from Merv to Mervarud. K. A. Adykov. Izv. AN Turk. SSR. Ser. obshchestv. nauk no. 3:50-63 '62.

MURMANSK—VIEWS

Cherkova, Z. K., ed. [Murmansk; (photograph album)] Murmansk; [fotoal'bom. Murmansk] Murmanskoe knizhnoe izd-vo, 1961. 1 v. illus.
[MICROFILM]

MURMANSK PROVINCE—BLACK FLIES

A new and some little known species of black flies (Diptera, Simulidae) from the Karelian A.S.S.R. and Murmansk Province. Z. V. Usova. Trudy Kar. fil. AN SSSR no. 30,153-160 '61.

Phenological periods and duration of the development of black flies (Diptera, Simulidae) in the Karelian A.S.S.R. and in Murmansk Province. Z. V. Usova. Trudy Kar. fil. AN SSSR no. 30:143-152 '61.

MURMANSK PROVINCE—TREES

Gorlunova, L. N. [Preparation and transplanting of full-grown trees in Murmansk Province; a practical handbook] Podgotovka i peresadka vzroslykh derev'ev v Murmanskoi oblasti; prakticheskoe rukovodstvo. Kirovsk, [Izd-vo "Kirovskii rabochii,"] 1955, 24 p. illus.
(ICMILC)

MURMANSK PROVINCE—WEEDS

Shilakova, E. V. [Weeds and weed control in Murmansk Province] Sornyia rastenila Murmanskoi oblasti i mery bor'by s nimi Kirovsk, Kol'skii filial AN SSSR, 1958. 29 p.
(ICMILC)

MUSCLE—MOTILITY

Spectrophotometric method for studying phosphorus compounds in the contraction of intact muscles N. S. Panteleeva. Usp sovr biol 53 no. 3:289-305 My-Je '62.

MUSCLES

Change in the energy metabolism of the skeletal muscles of a frog during the development of contractures induced by potassium chloride N M Nesvetaeva Fiziologiia 1 no. 4 153-156 Il-Ag '62

MUSCLES—DISEASES

Chronic polymyositis [with summary in French] I V Dogel' Och klin. nevr no 1 149-154 '62

MUSCLES—INNERVATION

Vagina tendinis of the rectus abdominis muscle as a proprioreception zone B A Groza Zdravookhranenie 5 no. 7:41-43 Jl-Ag '62.

MUSCLES—WOUNDS AND INJURIES

Comparative evaluation of the results of treating muscles of the lower extremities weakened following trauma by labile and stabile impulse galvanization of varying frequency E. V. Barantsevich, O V Parushkin. Trudy Len. gos. nauch.-issl. inst travm. i ortop. no 6 123-129 '61.

MUSEUM TECHNIQUES

Use of plasticine and adhesive plaster in the practice of museum work. K. S Vinar, B. L. Penenkov. Lab. delo 8 no. 8:50 Ag '62.

MUSEUMS see subdivision under Karabikha (Yaroslavl Province); also subdivision 'Art galleries and museums' under Moscow

MUSHROOMS

Don't put every mushroom into the basket N Kalinina Sov shakht 11 no 9 15-16 S '62.

MUSHROOMS—PRESERVATION

Pickled and salted mushrooms Belarus' 19 no. 8:27 Ag '62.

MUSIC see subdivision under Estonia

MUSIC—BIBLIOGRAPHY see Bibliography—Music

MUSIC—INSTRUCTION AND STUDY

"Our songs, a textbook for music classes in the first grade" by M Khudchilantsan Reviewed by K. Ilyushchenka. Nar. asv. no. 9:86-88 S '62.

MUSIC HALLS (VARIETY THEATERS, CABARETS, ETC.) see subdivision under Moscow

MUSICAL INSTRUMENTS

Avksent'ev, V. E. [Orchestra of Russian folk instruments] Oikestr russkikh narodnykh instrumentov. Moskva, Sovetskii kompozitor, 1962. 66 p. (V pomoshch' rukovoditeliam khudozhestvennoi samodeiatel'nosti i prepodavateliam muzyki v obshcheobrazovatel'nykh shkolakh)

MUSICAL SOCIETIES

[Materials on the activities of the Union of Composers of the U.S.S.R., 1957-1962] Materialy o deiatel'nosti Soiuza kompozitorov SSSR, 1957-1962 gg. Moskva [Izd-vo "Sovetskii kompozitor"] 1962. 105 p.

MUSICIANS—CORRESPONDENCE, REMINISCENCES, ETC.

Levik, S. IU. [Notes of an opera singer] Zapiski opernogo pevtsa Izd. 2., perer. i dop. Moskva, Izd-vo "Iskusstvo," 1962. 711 p. illus.

MUSICOLOGY see subdivision under Czechoslovakia; Poland

MUSKRATS see subdivision under Uzbekistan

MUSTARD SEED—TOXICOLOGY

Poisoning of sheep by Indian mustard seeds (Brassica juncea Czern), A. K. Golosnitskii, I. V. Rodionov. Trudy Rost. NIVS no. 12:243-245 '60.

MUTUAL ECONOMIC ASSISTANCE COUNCIL

Current problems of the development of the world socialist system. N. S. Khrushchev. Komm. Mold. 7 no. 9: 3-25 S '62.

Current problems of the development of the world socialist system. N. S. Khrushchev. Komm. Ukr. 36 no. 9: 3-25 S '62.

Eliminating the differences in the economic development of the countries of the socialist camp. M. N. Osipova. Vest. Mosk. un. Ser. 8 Ekon., filos. 17 no. 5 3-16 S-O '62.

Main path of the development of the world socialist economy. Vop. ekon. no. 9:3-8 S '62.

New stage of the international socialist division of labor. V. Bobrov. Ekon. Rad. Ukr. no. 5:27-35 S-O '62.

Urgent problems of the development of the world socialist system. N. S. Khrushchev. Komm. Uz. 34 no. 9 3-27 S '62.

MYCORRHIZA

Shemakhanova, N. M. [Mycotrophy of woody plants] Mikotrofiia drevesnykh porod. Moskva, Izd-vo Akad. nauk SSSR, 1962. 374 p.

MYCOSIS

Fungus diseases of the lung. A. M. Arkovich. Klin. med. no. 12 119-127 '61.

Simplest composition of the glue mixture for the caps used in fungal diseases of the scalp P. T. Gromova. Med. sestra 21 no. 9:13-14 S '62.

MYOGLOBIN

"Myoglobin and its significance for the physiology and pathology of animals and man" by P. A. Verholovich. Reviewed by A. D. Bernshtein. Usp. sovr. biol. 54 no. 3:391-392 My-Je '62.

MYOHEMOGLOBIN see Myoglobin

MYTILACCA, FOSSIL see subdivision under Siberia

MYTISHCHI REGION—REFORESTATION

Forest on wasteland. V. G Barkov Priroda 51 no. 7, 68-73 Jl '62.

NAKHICHEVAN A. S. S. R.—GEOLOGY, STRATIGRAPHIC

Correlation scale of the cross sections of Upper Oligocene and Neogene formations in Oktemberyan, Ordubad, and Nakhichevan troughs. S. F. Arutunian. Izv. AN Arm. SSR. Geol. i geog. nauk 15 no. 4 9-19 '62.

NAKHICHEVAN A. S. S. R.—HELMINTHS

Materials on the study of biting midges (Diptera, Heleidae) of the Nakhichevan A. S. S. R. Sh. M. Dzhafarov. Izv. AN Azerb. SSR. Ser. biol. i med. nauk no. 5 89-93 '62.

NAKHIMOV IN LITERATURE AND ART

Tomskii, N. V. [Monument to Admiral Nakhimov at Sevastopol The sculptor N V Tomskii, People's Artist of the U S S R.] Pamiatnik Admiralu Nakhimovu v Sevastopole Skul'ptor narodnyi khudozhnik SSSR N V Tomskii Moskva, Izd-vo Akad. khudozh SSSR, 1960. 1 v (chiefly illus.)
(CLU)

NALIVAIKO, GEORGII ANTONOVICH, 1919-

Scientist-innovator. P. Storozhilov. Vest. sel'khoz. nauki 7 no 6 151-156 Je '62.

NAMANGAN REGION—AGRICULTURE

The days of strenuous work. S. Darakhin. Part.-shkol' [U. b.] 5 no. 9 73-78 S '62.

NAMES, CHUVASH

Names for days of the week in Chuvash. M. R. Fedotov. Uch. zap. ChNII no. 21:215-259 '62.

NAMES, GEOGRAPHICAL

(see also subdivision under Chimkent Province; Ichinskiy Volcano region, Kaluga; Mexico; Mordovia, Novgorod Province; Ob' Valley, Volga Valley)

Against simplification in toponymy. A. V. Superanskaia. Vop. geog. no. 58:151-154 '62.

Origin of the name "Rus'." O. P. Zvolko. Nar. tvor. ta etn. 6 no. 1:111-114 Ja-Mr '62.

Principles of toponymy. E. M. Murzaev Vest. AN SSSR 32 no. 9:111-112 S '62.

The Tilcorman forest and the Tolcorman River [translated from the Rumanian]. I. Konja, S. Dragomirescu, G. Niamu Vop. geog. no. 58:112-116 '62.

Toponymy and cartography. E. M. Peopelov. Vop. geog. no. 58 7-16 '62.

Toponymy today. Vop. geog. no. 58:3-6 '62.

Using toponymic material in a school geography course. S. D. Sheenko. Vop. geog. no. 58 167-170 '62.

NAMES, GEOGRAPHICAL—BALTIC see subdivision under Russia, Northern

NAMES, GEOGRAPHICAL—CONGRESSES

Work report of the Toponymic Commission from March 1959 to December 1961. A. V. Superanskaia. Vop. geog. no. 58:171-178 '62.

NAMES, GEOGRAPHICAL—DICTIONARIES

Conference on toponymic dictionaries. N. P. Zverkovskaia. Vop. geog. no. 58:177-178 '62.

NAMES, GEOGRAPHICAL—KETS

The ancient distribution of Kets according to toponymic data. A. P. Dul'zon. Vop. geog. no. 58:60-81 '62.

NAMES, GEOGRAPHICAL—SLAVIC

The Slavic toponymic type. V. A. Nikonov. Vop. geog. no. 58:17-33 '62.

NAPHTHALAN

"Naphthalan and its therapeutic action" by T. G. Pashnev. Reviewed by M. N. Syroechkovskaia. Vop. kur., fizioter. i lech. fiz. kul't. 27 no. 3,272-273 My-Je '62.

NAPHTHIMIDAZOLE

Benz - and naphthazole series. Part 2: Regularities of the alkylation of 2-chloronaphth-(1, 2) imidazole. N. P. Bedniagina, I. N. Getsova, I. IA. Postovskii Zhur. ob. khim. 32 no. 9:3011-3015 S '62.

NAPHTHOQUINONE

Structure of oriented polyethylene terephthalate (lawsone). V. A. Martikhin, A. I. Slutsker, A. A. IAstrebinskii. Fiz. tver. tela 4 no. 9:2534-2538 S '62.

NASOPHARYNX—DISEASES

Liquorrhea following adenotomy in a child with undiagnosed nasopharyngeal cerebral hernia. A. A. Terkel'. Vest. otorin. no. 5:81-82 '62.

NATIONALISM

Jackson, Barbara (Ward) [Five ideas that change the world Translated from the English] P'iat' idei, iaki zminiiut' svit. New York, Ukrainian Student Press, 1960 145 p
(InU)

NATIONALITIES

A discussion of the colonial policy of the pre-revolutionary government and the national liberation movements of the peoples of the Russian Empire O. V. Orlik Ist. SSSR 6 no. 5:243-245 S-O '62.

"Formation and development of the socialist nations of the U. S. S. R." by Sh. B. Batyrov. Reviewed by K. Rakhmatullin. Part. zhizn' Kazakh. 32 no. 9:72-75 S '62.

Indissoluble fraternity of Soviet peoples. A. Pol'she Agitator no. 20:17-22 O '62.

[illegible] [illegible] [illegible] [

NERVOUS SYSTEM (Continued)

Pathomorphology of the central nervous system in experimental atherosclerosis in dogs [with summary in English] L. A. Dolina. Arkh. pat. no. 7 12-49 '62.

Reliability of the brain E. A. Asratian, P. V. Simonov. Znan. -sila 37 no 5 17-20 My '62

Trophic function of the nervous system. E. Gutmann. Usp. sovr. biol. 53 no. 3:323-345 My-Je '62

NERVOUS SYSTEM—DISEASES

Changes in the nervous system in pneumonia in children [with summary in French] O. I. Kondratenko. Och. klin. nevr. no. 1 201-209 '62.

Clinical aspects of lesions of the nervous system in ECHO virus infection in children [with summary in French] F. I. IAmpol'skaia. Zhur. nevr. i psikh. 62 no. 7:966-971 '62.

Discussions, surveys and reviews of the article "Problems of neuropathology and psychiatry" E. G. Konstantinovskii, M. Kh. Gonopol'skii. Zhur. nevr. i psikh. 62 no. 7:1103-1101 '62.

Nervous system diseases in lupus erythematosus [with summary in French] G. I. Shteiman. Och. klin. nevr. no. 1 164-172 '62

Neurodermatoses. V. IA. Arutiunov. Zdorov'e 8 no. 9: 16-17 S '62.

[The neuropathologist's handbook] Spravochnik nevropatologa. Pod obshchel red. N. I. Grashchenkova. Moskva, Medgiz, 1962. 374 p. (DNLM)

Respiratory disorders in connection with nervous system lesions in children [with summary in French] IU. A. IAkunin. Zhur. nevr. i psikh. 62 no 7:993-999 '62.

NERVOUS SYSTEM—MOLLUSKS

Giant nerve cells in the nudibranchiate molluscs Aeolidia papillosa and Dendronotus frondosus [with summary in English]. D. A. Sakharov. Zhur. ob biol. 23 no. 4 300-311 Jl-Ag '62.

NERVOUS SYSTEM—SURGERY

Some problems of influence on hormonal regulation in neurosurgical patients. I. N. Vinogradova. Vop. neirokhir. no. 4 58-60 '62.

NERVOUS SYSTEM, PARASYMPATHETIC

Recent data on the classification of cholinergic structures. S. L. Lavin. Dokl. AN SSSR 146 no. 1 250-253 S '62.

NERVOUS SYSTEM, SYMPATHETIC—SURGERY

Salivation function in dogs with an excised superior (anterior) cervical sympathetic ganglion during chronic stimulation of the dental receptors. R. IA. Pekker. Stomatologiia 41 no 4 64-65 Jl-Ag '62.

NERVOUS SYSTEM, VASOMOTOR—DISEASES

Movement and vasomotor disorders in the paralytic form of poliomyelitis [with summary in French]. A. N. Gordienko. Zhur. nevr. i psikh. 62 no. 7:982-987 '62.

NESTEROV, PETR NIKOLAEVICH, 1887-1914

Shipilov, I. F. [Life given for the future] Zhizn', otdannaia budushchemu. Izd 2., perer. i dop. Moskva, Voenizdat, 1962. 228 p.

NESVIZH DISTRICT—DAIRYING

Labor enthusiasm. Anton Rak. Belarus' 19 no. 8:21 Ag '62.

NETHERLANDS—ANABAPTISTS

The nature of Anabaptist movements in the Netherlands and their participants, 1534-1536; based on the unknown sentences of Holland's Supreme Court [with summary in English]. A. N. Chistozvonov. Sred. veka no. 22:86-99 '62.

NEURALGIA, TRIGEMINAL

"Neuralgia of the trigeminal nerve and its treatment by alcoholization" by O. A. Shternberg. Reviewed by G. D. Kolarov. Stomatologiia 41 no. 4 103-105 Jl-Ag '62.

NEURAMINIC ACID

Clinical significance of determining sialic acid and the blood proteins in chronic nonspecific lung diseases. V. I. Novichkov. Kaz. med. zhur. no. 3:57-58 My-Je '62.

Diagnostic importance of determining the protein fractions and sialic acid in "pulseless disease." S. G. Kliucharova. Kaz. med. zhur. no. 3:55-57 My-Je '62.

NEUROCHEMISTRY—CONGRESSES

Fifth international symposium on neurochemistry. A. V. Palladin. Vest. AN SSSR 32 no. 9:115-117 S '62.

Symposium on neurosecretory elements and their significance for the organism. A. A. Voitkevich. Usp. sovr. biol. 53 no. 3:393-398 My-Je '62.

Symposium on neurosecretory elements and their significance in the organism. A. L. Polenov. TSitologiia 4 no. 4:473-476 Jl-Ag '62.

NEUROLOGY

Achievements and problems in the study of neuroinfections in children. D. S. Futer. Zhur. nevr. i psikh. 62 no. 7: 961-965 '62.

"Problems in pediatric psychoneurology." Reviewed by M. I. Lapidus. Zhur. nevr. i psikh. 62 no. 7:1108-1110 '62.

Work and problems of the Department of Pediatric Psychiatry of the Central Institute of Postgraduate Medical Training for the preparation of pediatric psychoneurologists. M. G. Savchenko, M. S. Vrono. Zhur. nevr. i psikh. 62 no. 7:1113-1114 '62

NEUROLOGY—CONGRESSES

Physiology, psychology, philosophy. Priroda 51 no 7: 113-114 Jl '62

NEUROSES

Clinical aspects of neuroses in childhood. Khr. Khristozov. Zhur. nevr. i psikh. 62 no 7:1044-1046 '62.

Kanavets, L. N. [Neuroses and their sanatorium-health resort treatment] Nevrozy i ikh sanatorno-kurortnoe lechenie. Moskva, Medgiz, 1962. 213 p.

Therapeutic effectiveness of andravin in borderline neuropsychic diseases in children [with summary in French] M. M. Raiskaia. Zhur. nevr. i psikh. 62 no. 7:1092-1095 '62.

NEUTRINOS—SCATTERING

Cross section of μe- and eμ- pair production in neutrino scattering on nuclei [with summary in English] E. P. Shabalin. Zhur. eksp. i teor. fiz. 43 no. 1 175-180 Jl '62.

Neutrino scattering on nucleons in the model of anomalous muon interaction [with summary in English] V. B. Mandel'tsveig. Zhur. eksp. i teor. fiz. 42 no 5:1278-1282 My '62.

NEUTRONS

Calculation of neutron cross sections for U^{238} on the basis of a nuclear optical model. E. V. Kolesov, V. S. Stavinskii. Atom. energ. 13 no. 4:371-373 O '62.

Cross section of U^{235} absorption on monochromatic neutrons in the energy range 0.02-ev. V. P. Gerasimov, V. S. Zenkevich. Atom. energ. 13 no. 4:368-370 O '62.

Estimating the accuracy of the neutron method in measuring soil moisture under field conditions [with summary in English]. Kh. A. IArvela. Izv. TSKHA no. 3. 171-184 '62.

Kinetic energy of fragments emitted in the fission of U^{238} by 14.5 Mev. neutrons [with summary in English]. V. M. Adamov, S. S. Kovalenko, K. A. Petrzhak. Zhur. eksp. i teor. fiz. 42 no. 6.1475-1477 Je '62.

Measuring the length of fission neutron moderation in sintered beryllium oxide at energies up to 1.44 and 0.3 ev. I. F. Zhezherun and others. Atom. energ. 13 no. 3:258-264 S '62.

Number of neutrons emitted by U^{236} in the region of symmetrical fission. V. F. Apalin and others. Zhur. eksp. i teor. fiz. 43 no. 1, 328-330 Jl '62.

Splitting of giant resonance in certain medium-heavy nuclei [with summary in English]. O. V. Bogdankevich, B. I. Goriachev, V. A. Zapevalov. Zhur. eksp. i teor. fiz. 42 no. 6:1502-1514 Je '62.

Storage of cold neutrons [with summary in English]. A. G. Doroshkevich. Zhur. eksp. i teor. fiz. 43 no. 1 70-80 Jl '62.

Theory of neutron transfer in nuclear collisions [with summary in English] T. L. Abelishvili. Zhur. eksp. i teor. fiz. 43 no. 1 81-83 Jl '62

NEUTRONS—CAPTURE

Absorption of neutrons emitted from a fast neutron source by cadmium and indium plates immersed in an aqueous medium. V. A. El'tekov, IU. S. Rinbukhin. Atom. energ. 13 no. 3:266-269 S '62.

Energy spectrum of internal conversion pairs emitted in the radiative capture of thermal neutrons in Gd. G. V. Danilian, I. IA. Korol'kov. Izv. AN SSSR. Ser. fiz. 26 no. 9:1164-1168 S '62.

NEUTRONS—DIFFRACTION

Skryshevskii, A. F. [Diffraction of X rays, electrons, and neutrons in gases and the molecular structure] Difraktsiia rentgenovskikh luchei, elektronov i neitronov v gazakh i stroenie molekul. [Kiev] Izd-vo Kievskogo univ., 1961. 84 p.

NEUTRONS—MEASUREMENTS

Method for measuring the degree of polarization of a neutron beam. N. G. Basazov, A. G. Mandzhavidze. Atom. energ. 13 no. 4:365-366 O '62.

NEUTRONS—SCATTERING

Collective excited nuclear states in fast particle scattering. V. I. Boliak. Izv. AN SSSR. Ser. fiz. 26 no. 9: 1180-1187 S '62.

Effect of the temperature and microstructure of sintered beryllium oxide on the scattering cross section of thermal neutrons. I. F. Zhezherun, I. P. Sadikov, A. A. Chernyshov. Atom. energ. 13 no. 3:250-257 S '62.

Excitation functions of individual levels for U^{235}, U^{233}, and Pu^{239}, allowing for the competition between inelastic neutron scattering and nuclear fission. N. O. Bazaziants, I. V. Gordeev. Atom. energ. 13 no. 4:321-326 O '62.

Inelastic scattering of particles and the Cherenkov radiation [with summary in English]. M. I. Kaganov. Zhur. eksp. i teor. fiz. 43 no. 1:153-157 Jl '62.

Inelastic scattering of slow neutrons on arbitrary crystals and the general problem of reconstructing the phonon spectrum [with summary in English]. IU. Kagan. Zhur. eksp. i teor. fiz. 42 no. 5:1375-1385 My '62.

Neutron diffusion for water and ice at temperatures near 0°C and -60°C. A. V. Antonov and others. Atom. energ. 13 no. 4:373-374 O '62

Scattering of polarized neutrons on a helicoidal magnetic structure. IU. A. Iziumov. Zhur. eksp. i teor. fiz. 42 no. 6:1073-1075 Je '62.

Scattering of 200 Mev. neutrons by protons [with summary in English]. IU. M. Kazarinov, IU. N. Simonov. Zhur. eksp. i teor. fiz. 44 no 1 35-39 Jl '62.

NEUTRONS—SPECTRA

Linear 30 Mev. electron accelerator for neutron spectroscopy. R. M. Vozenkov and others. Atom. energ. 13 no 4 327-335 O '62.

NEVA VALLEY—MEMORIALS

Placement of a memorial plaque on the site of the Battle of the Neva in 1240. G. N. Karaev. Sbor. dokl. Voen.-ist. kom. no. 3, 177-182 '60

NEW STARS see Stars, New

NEWSPAPER AND PERIODICAL CIRCULATION (see also subdivision under Irkutsk; Kirghizistan, Makarov; Moscow; Poltava Province; Riga; Sochi; Turkmenistan, White Russia)

Chairman of the council. N. Vaks. Raspr. pech. no. 7: 6-7 Jl '62.

High calling of the Press Union newsstand operator. Raspr. pech. no. 9:1-2 S '62.

Ilia mission for the party. I. Papii. Raspr. pech. no. 7: 6 Jl '62.

Increase retail trade. P. Dunaiskii. Raspr. pech. no. 9: 15 S '62.

Isn't the organization period dragged out too long? N. Terekhova, V. Savidova. Raspr. pech. no. 9:16 S '62.

Joy of work. IA. Frieker. Raspr. pech. no. 7, 15 Jl '62

Let us conduct an exemplary subscription campaign for the new year. V. Sedov. Raspr. pech. no. 8-9-11 S '62.

Love your work. N. Klimitskii. Raspr. pech. no. 7:3-5 Jl '62.

New procedure for making contracts with publishers. Raspr. pech. no. 7, 22-23 Jl '62.

Newspaper and magazine distribution. A. Zav'ialov. Sov. shakh. 11 no. 10:39 O '62.

Rely on the work of the volunteer group every day. Raspr. pech. no. 7:1-2 Jl '62.

Showing one's "wares in the best light." I. Goncharova. Raspr. pech. no. 8:5 S '62.

What method is the best? A. Kolesnikova. Raspr. pech. no. 9:22 S '62.

NEWSSTANDS

Newsstands should be attractive. K. Damaskin. Raspr. pech. no. 8:7-8 S '62.

NICKEL

Investigating the diffusive properties of transition metal chalcogenides. Part 3. Self-diffusion of nickel in nickel oxide. S. M. Klotsman, A. N. Timofeev, I. Sh. Trakhtenberg. Fiz. met. i metalloved. 4 no. 3: 428-433 S '62.

Korin, I. Z. [How to search for nickel ores] Kak iskat' rudy nikelia. Izd. 3., perer. Moskva, Gosgeoltekhizdat, 1962. 44 p. (Bibliotechka iskatelia poleznykh iskopaemykh)

NICKEL—ISOTOPES

Inelastic scattering of 6.6 Mev. protons on nickel and copper nuclei. S. S. Vasil'ev, E. A. Romanovskii, G. F. Timushev. Izv. AN SSSR Ser. fiz. 26 no. 9:1143-1149 S '62.

Temperature dependence of the isotopic effect in the nickel lattice [with summary in English]. V. S. Kogan, A. S. Bulatov. Zhur. eksp. i teor. fiz. 42 no. 6:1498-1501 Je '62.

NICKEL—SPECTRA

Relative oscillator forces in the spectrum of the Ni II ion. P. F. Gruzdev. Opt. i spektr. 13 no. 3:451-453 S '62.

NICKEL-ALUMINUM ALLOYS see Aluminum-nickel alloys

NICKEL CATALYSTS

Effect of the nonsaturation degree of oils on the efficiency of the nickel-formate catalyst. B. N. Tsitsyunikov, I. I. Novitskaia. Masl.-zhir. prom. 28 no. 9:18-20 S '62.

NICKEL-CHROMIUM ALLOYS—HEAT TREATMENT

Hardening of ordered cold-deformed Ni-Cr alloys during low-temperature annealing. IA. P. Selisskii. Fiz. met. i metalloved. 14 no. 3:408-413 S '62.

NICKEL-COBALT ALLOYS

Magnetooptical properties of alloys of the system nickel - cobalt in the region of small cobalt concentrations. A. N. Levkov, E. I. Shkolina. Izv. vys. uch. zav. i fiz. no. 4:182-184 '62.

NICKEL-COBALT-ALUMINUM ALLOYS see Aluminum-nickel-cobalt alloys

NICKEL-IRON-MOLYBDENUM ALLOYS see Iron-nickel-molybdenum alloys

NICKEL PLATING
Electrodeposition of nickel from sulfamine electrolytes with low internal voltages. B.IA Kaznachei, N.N Balashova, A.K. Rozhdestvenskaia. Trudy VNAIZ no 9: 157-168 '61.

NICKEL PLATING—EQUIPMENT AND SUPPLIES
Automatic unit for bright nickel plating of parts. M.V Nesmelanov. Vest mashinostr 42 no 9:62-63 S '62

NICKEL TELLURIDE
Enthalpy of the formation of nickel telluride NiTe1.00-NiTe1.50 [with summary in English]. M.S. Soboleva, IA.V. Vasilev. Vest. LGU 17 no.16 153-155 '62

NICOTINAMIDE
Preparation of β-pyridinecarboxylic (nicotinic) acid amide. F.S Zhdanovich and others. Zhur ob khim 32 no 9:2828-2829 S '62

NIHILISM
The periodical "Russkoe slovo" and anti-Nihilist literature of the 1860's. S.S Konkin. Uch zap MGPI 160: 233-256 '61

NIKOLAEV, ANDRIAN GRIGOR'EVICH, 1929-
Award of K.E. Tsiolkovskii's gold medal to A.G. Nikolaev and P.R. Popovich. Vest. AN SSSR 32 no 9:8 S '62.

Kukushkin, V., ed. [Among stars] Zvezdy v ladoniakh. Moskva, Izd-vo "Pravda," 1962. 79 p. (Biblioteka "Komsomol'skoi pravdy," no. 8)

NIKOLAEV, VIKTOR ARSEN'EVICH, 1893-1960
Viktor Arsen'evich Nikolaev, obituary. IU Ir Polovinkina, T.N Ivanova. Trudy VSEGEI 73:1-6 '62

NIKOPOL' REGION—IRON ORES
Industrial significance of the Chertomlyk iron-ore deposit. A.P. Karshenbaum. Geol zhur 22 no 4:57-63 '62.

NIOBIUM BROMIDE
Mechanism and products of reduction of tantalum and niobium pentabromides. S.S. Berdonosov, A.V. Lapitskii, L.G Vlasov. Zhur neorg khim. 7 no 9:2173-2180 S '62

NIOBIUM CHLORIDE
Thermographic investigation of the systems $NbOCl_3$ - NaCl and $NbOCl_3$ - KCl. S.A Shchukarev, E.K Smirnova, I.S Shemiakina. Zhur neorg. khim 7 no 9: 2217-2219 S '62.

NIOBIUM COMPOUNDS
Enthalpy of the formation of double compounds of niobium oxytrichloride with NaCl and KCl [with summary in English]. T.S. Shemiakina, E.K. Smirnova, S.A Shchukarev. Vest. LGU 17 no.16:155-157 '62.

NIOBIUM OXIDE—ELECTRIC PROPERTIES
Electric conductance of double oxide systems containing niobium pentoxide. A.I Manakov, O.A Esin, B.M Lepinskikh. Zhur neorg khim 7 no.9:2220-2225 S '62

NITRATES—ELECTRIC PROPERTIES
Temperature dependence of the electric conductance of nitrates and their mixtures in melts. N.P Popovskaia, P.I Protsenko. Zhur neorg khim 7 no 9:2237-2240 S '62.

NITRIC ACID
Density, viscosity, surface tension of solutions, and diffusion coefficients of substances in the system water - uranyl nitrate - nitric acid - tributyl phosphate. P.V. Voronetskaia, A.M. Rozen. Ekstr. teor., prim., app. no. 2:199-208 '62.

NITRILES
Electrochemical reduction of nitriles. A.P. Tomilov, L.V. Kanbak, S.L. Varshavskii. Khim. prom no 8: 562-566 Ag '62.

NITRO COMPOUNDS
On the existence of aci-forms of 1,1-dinitroalkanes and trinitromethane. S.S. Novikov and others. Dokl. AN SSSR 146 no.1:104-106 S '62.

NITROBENZENE
Synthesis of α-bromoethyl- and α,α-dibromoethylnitrobenzenes. P.M Kochergin, K.S. Bushueva. Zhur. ob khim. 32 no 9:3033-3035 S '62.

NITROBENZENE—SPECTRA
B-band in the ultraviolet absorption spectrum of nitrobenzene. F.F. Cheshko, O.I. Shevchenko. Zhur. ob khim. 32 no 8:2640-2642 Ag '62

NITROGEN—FIXATION
Joint session of the Department of Biological Sciences of the Academy of Sciences of the U.S.S.R. and the All-Union Academy of Agricultural Sciences on biological fixation of nitrogen in agriculture. A.A. Markovich. Izv. AN SSSR. Ser. biol. 27 no.4 643-644 Jl-Ag '62.

NITROGEN—SPECTRA
Quasi-elastic scattering of fast protons and the hole excitation spectrum in the N^{14} nucleus [with summary in English]. V.V. Balashov, A.N. Botarkina. Zhur. eksp. i teor. fiz. 43 no.1:117-120 Jl '62.

NITROGEN COMPOUNDS
Heterocyclic system containing phosphorus and nitrogen. G.I. Derkach. Zhur. ob. khim. 32 no 9:3107 S '62.

Reactivity of nitrogen-containing ethynylvinyl compounds. M.F. Shostakovskii, I.A Chekulaeva, L.V. Kondrat'eva. Dokl. AN SSSR 146 no 2:376-379 S '62

NITROGEN OXIDE
Enrichment of weak nitrous gases by adsorption in a fluidized bed. E.A Kazakova, M.K. Chernyavskaia, N.V Nizhegorodova. Khim. prom no. 7:506-512 Jl '62

NITROGEN OXIDE—PHYSIOLOGICAL EFFECT
Effect of nitrogen dioxide on the adrenal cortex in white rats in chronic intoxication. P.P IAremchuk, IA.M. Miloslavskii, L.I Miloslavskaia. Gig i san. 26 no.12: 79-83 D '61.

NITROSYL COMPOUNDS
Thermal decomposition of nitrosyl perchlorate. V.IA. Rosolovskii. Dokl. AN SSSR 146 no.1:115-117 S '62.

NIZAMI, GANJAWI, 1141?-1203?
Portrayal of women in "Iskandarnāmeh," a poem by Ganjawi Nizami [in Azerbaijani with summary in English]. A.M Abbasov. Uch zap Inst vost AN Azerb SSR 3:67-83 '62

NIZHNIY LOMOV DISTRICT—AGRICULTURE
These are our unused potentialities. IU. Semushkin, N. Timofeev. Komsom. zhizn' no. 15:12-14 Ag '62

NIZHNIY TAGIL—EVENING AND CONTINUATION SCHOOLS
Good tradition. Vech. sred. shkola 5 no.3:29-30 My-Je '62.

NOGAY STEPPE—SHEEP—WATERING
Battle for a well. B. Poliakov. Vokrug sveta no. 8:52-54 Ag '62.

NOISE
Relation of the noise conditions in block no. 9 of Novyye Cheremushki to external noises. I.A. Shishkin, G.L. Osipov, I.L. Karagodina. Issl. po mikroklim., nasel. mest i zdan. i po sitet. fiz. no. 1:51-70 '62.

Use of standards of permissible noise levels in homes in sanitary practice. I.L. Karagodina. Gig. i san. 26 no. 12:51-56 D '61.

NOMOGRAPHY (MATHEMATICS)
Nomogram for establishing the conditions of the periodic exploitation of low-yield wells. V.F. Silkin. Nauch. tekh. sbor. po dob. nefti no. 1:48-52 '58.

NONCONTENTIOUS JURISDICTION
Eliseikin, P.F. [Judicial procedure in the establishment of dependency and support] Sudebnoe ustanovlenie faktov izhdivenila. Moskva, Gosiurizdat, 1961. 55 p.

From the practice of notarial agencies. Sov. just no. 10:31 O '62.

NONDESTRUCTIVE TESTING
Methods and devices for non-destructive testing of external working layers of machine parts. A.D. Matveshek. Prykl. mekh. 8 no. 5:552-555 '62.

NONFERROUS METAL INDUSTRIES see subdivision under Leninogorsk

NONFERROUS METAL INDUSTRIES—METALLURGY see subdivision under Kazakhstan

NONFERROUS METALS
TsSU-60 centrifugal tubular superextractor for the extraction recovery of nonferrous metals. B.N. Laskorin and others. Ekstr. i teor., prim., app. no. 2:372-378 '62.

NONFERROUS METALS—PATENTS—BIBLIOGRAPHY see Bibliography—Nonferrous metals—Patents

NONMETALLIC MATERIALS—THERMAL PROPERTIES
Conference on the coordination of research on nonmetallic electric heating elements. N.I. Voronin. Ogneupory 27 no 10:480-481 '62.

NORBORNANE
Clinical test of a new hypotensive drug, flegangin [with summary in English]. TS.A. Levina, A.I. Romanovskaia. Kardiologiia 2 no. 4:31-35 Jl-Ag '62.

NORIL'SK—FROZEN GROUND
Russia (1917- R.S.F.S.R.) Krasnoiarskii ekonomicheskii administrativnyi raion. Sovet narodnogo khoziaistva. [Erection of foundations under permafrost conditions; from practice used in the Noril'sk region] Vozvedenie fundamentov v usloviiakh vechnomerzlykh gruntov; iz opyta Noril'skogo raiona. Moskva, Gosstroiizdat, 1962. 53 p.

NORIL'SK REGION—GAS, NATURAL—GEOLOGY
Gas potential of coal-bearing sediments in the Noril'sk region. A.S. Sivak. Trudy NIIGA 121:96-102 '62.

NORIL'SK REGION—PROSPECTING
Prospecting possibilities using metallometric survey in the Noril'sk region. I.D. Volkov. Trudy NIIGA 121: 139-153 '62.

NORTH ATLANTIC TREATY ORGANIZATION
Danov, G.P. [What General Heusinger dreams of] Chto snitsia generalu Khoizingeru. Moskva, Gospolitizdat, 1962. 30 p.

Military and political contradictions among the countries of NATO. B. Karpovich. Mir. ekon. i mezhdunar. otn. no.10:86-97 O '62.

The NATO structure and command. I. Dement'ev. Nov. vrem. 20 no.14:16-19 O '62.

Pavlov, N.G. [Armed forces of NATO] Vooruzhennye sily NATO. Leningrad, Ob-vo po rasprostraneniiu polit. i nauchn. znanii RSFSR, 1959. 41 p. (NNC)

NORTH KOREA see Korea, North

NORTH KOREAN ENTERTAINERS see Entertainers, North Korean

NORTHERN CAUCASUS see Caucasus, Northern

NORTHERN WAR, 1700-1721
The reinforcement of fortifications on the Russian northwestern frontier in the early phase of the Northern War. A.G Zakharchenko. Sbor. dokl. Voen ist. sek no. 3:62-78 '60.

NORWAY—FOREST ROADS
Along the forest roads of Norway. G.P Grekhov. Les prom. 10 no 7:31-32 Jl '62.

NORWAY—PEASANT UPRISINGS
The social struggle in Norway in the last quarter of the 12th and the 13th century, peasant uprising and the birkebeiner movement [with summary in English]. A.IA. Gurevich. Sred. veka no. 22:25-51 '62

NORWEGIAN SEA—HERRING FISHERIES
Behavior of herring during the fall and winter fishing season. N.K Piatnitskii. Ryb. khoz. 38 no 8:12-15 '62

NOSE—DISEASES
Mechanism of the action of acupuncture and its effectiveness in treating various forms of vasomotor rhinitis. L.B. Dainiak. Vest. otorin. no.5:16-21 '62.

NOSE, ACCESSORY SINUSES OF—TUMORS
Schwannoma of the ethmoidal labyrinth. N.M. Savel'ev. Zdravookhranenie 5 no. 4:55-56 Jl-Ag '62

NOSOLOGY
Classification of diseases. V.A. Moiseenkova. Zdrav. Ros. Federa. 6 no. 7:25-27 Jl '62.

Study of public health. V.Ch. Brzheskii. Zdrav. Ros. Federa. 6 no. 7:27-28 Jl '62.

NOSOV, NIKOLAI
"Nikolai Nosov, a critical and biographical study" by S. Rassadin. Reviewed by G. Litova. Vop. lit. 6 no. 9:226-227 S '62.

NOTARIES
(see also subdivision under Moscow, Rostov-on-Don)
Brief references. Sov. deput. trud. no. 10:100 O '62.

The 40th anniversary of Soviet notarial agencies. Sov. just. no 19:1-4 O '62.

From the practice of notarial agencies. Sov. just. no 19:31 O '62.

More attention to the notarial functions of rural soviets. D. Arkhipova. Sov. just. no 19:16-17 O '62.

Shimelevich, S.IA., and N.I. Bondarev. [Authentication of contracts] Udostoverenie dogovorov. Pod red. IU.A. Kalenova. Moskva, Gosiurizdat, 1961. 94 p. (Biblioteka notariusa, no. 5)

NOVAYA ZEMLYA—GASTROPODA, FOSSIL
Paleozoic gastropods of Vaygach Island and the Novaya Zemlya. V.A. Vostokova. Sbor. st. po paleont. i biostrat. no. 25:5-13 '61.

NOVAYA ZEMLYA—RHYNCHONELLIDAE, FOSSIL
Some representatives of Camarotoechiidae in Famennian sediments of the Novaya Zemlya. S.V. Cherkesova. Sbor. st. po paleont. i biostrat. no. 25:44-51 '61

NOVGOROD—ARCHITECTURE—CONSERVATION AND RESTORATION
The church of St. Demetrius of Salonika in Novgorod. P.N. Maksimov. Arkhit. nas. 14:35-46 '62.

NOVGOROD—FORTIFICATIONS, OLD
The Novgorod kremlin, 1044-1430. M.KH Aleshkovskii. Arkhit nas. 14:3-26 '62.

NOVGOROD—INSCRIPTIONS, RUNIC
Runic inscription from Novgorod. E.A. Makaev. Sov. arkheol. 6 no. 3:309-311 '62.

NOVGOROD—JUSTICE, ADMINISTRATION OF
The reports of people's assessors. K. Svetlanin. Sov. just. no. 18:19-20 S '62.

NOVGOROD (DUCHY)—HISTORY
The Battle of "Ignach Krest" between the Novgorod Army and the military units of the Tatars and Mongols. I.I IAromenok. Ist. SSSR 6 no. 5:252-253 S-O '62.

NOVGOROD PROVINCE—NAMES, GEOGRAPHICAL
Several forms of Slavicizing foreign geographical names. N.V. Podol'skaia. Vop. geog. no. 58:34-40 '62.

NOVOCAINE

Comparative data on the use of novocaine anesthesia with and without adrenaline in extracting teeth from individuals with cardiovascular diseases. Z. M. Mikaniba. Stomatologiia 41 no. 1 57-59 Ja-Ag '62.

Preoperative verification of a novocaine solution. M. S. Pavlish. Klin. khir., no. 7, 81 Jl '62.

NOVOCHERKASSK—LIBRARIES

Eliminating dissociation. I. Zazian, N. Pavlenko. Bibliotekar' no. 9 56-57 S '62.

NOVOISHIMSKIY (TSELINOGRAD PROVINCE)—BOOKSELLERS AND BOOKSELLING

Govorov, A. A. [Let's bring books to virgin soil workers, from the work experience of the Novoishimskiy (Tselinograd Province) collective farm cooperative book store] Knigu - tselinnikam, iz opyta raboty knizhnogo magazina Novoishimskogo sovkhozrabkoopa Tselinogradskoi oblasti. Moskva, Izd-vo TSentrosoiuza, 1962. 42 p.

NOVOKUZNETSK—ROLLING MILLS

In the merchant shape rolling mill at the Kuznetsk Metallurgical Combine. I. F. Korcev, A. N. Vnuzdneva, Z. A. Berezhchenko. Metallurg 7 no. 8 34 Ag '62.

NOVOKUZNETSK—STEEL—METALLURGY

Improving the technology of smelting and pouring steel at the Kuznetsk Metallurgical Combine. N. S. Mikhailets, A. E. Gorelkina. Metallurg 7 no. 9:10-11 S '62.

NOVOSIBIRSK—CITY PLANNING

Organization of public services in the Novosibirsk science center. K. Kartashova, A. Obraztsov. Na stroi Ros. 3 no. 5 8-11 My '62.

NOVOSIBIRSK—THEATER

"Get acquainted, Baluev!" A. Gatenian. Teatr 23 no. 9 117 S '62.

"Theatrical Crimea" by M. Novikova, "When the curtain goes up" by B. Riasentsev. Reviewed by N. Smolitskaia. Teatr 23 no. 8 110-112 Ag '62.

NOVOSIBIRSK—WAGES—INSTRUMENT INDUSTRY

Wages in instrument workshops. A. Zhibinov. Sots. trud 7 no. 9 136-139 S '62.

NOVOSIBIRSK PROVINCE—BOOKSELLERS AND BOOKSELLING

In search of a necessary book. D. Kuzovenko. Sov. deput. trud. no. 10:69-72 O '62.

NOVOVASIL'YEVKA—RURAL PLANNING

Construction in an urban type of settlement. IA. Timofeev. Zhil. stroi. no. 3, 11-12 '62.

NOZZLES

Investigating the new turbine blade cascade nozzle developed by the Moscow Power Engineering Institute for supersonic speeds. M. E. Deich and others. Teploenergetika 9 no. 10:47-52 O '62.

NUCLEAR COUNTERS—CONGRESSES

Conference on semiconductor counters of nuclear radiation. K. V. Kandzhev. Atom. energ. 13 no. 4:301-303 O '62.

NUCLEAR ENGINEERING
(see also subdivision under Sweden)

[Nuclear engineering abroad] Atom. tekh. za rub. 6 no. 10 O '62.

NUCLEAR FISSION

Excitation functions of individual levels for U^{235}, U^{233} and Pu^{239}, allowing for the competition between inelastic neutron scattering and nuclear fission. N. O. Bazazhants, I. V. Gordeev. Atom. energ. 13 no. 4 321-326 O '62.

Fission barrier of a rotating nucleus [with summary in English]. G. A. Pik-Pichak. Zhur. eksp. i teor. fiz. 42 no. 5:1294-1302 My '62.

Fission cross sections for U^{233}, U^{235}, and Pu^{239} in the energy range of 0.3-2.5 Mev neutrons. G. N. Smirenkin, V. G. Nesterov, I. I. Bondarenko. Atom. energ. 13 no. 4, 366-368 O '62.

Gamma-ray spectrum of short-living U^{235} fission fragments. IU. V. Sivintsev. Atom. energ. 13 no. 4:397-398 O '62.

Kinetic energy of fragments emitted in the fission of U^{238} by 14.5 Mev. neutrons [with summary in English]. V. M. Adamov, S. S. Kovalenko, K. A. Petrzhak. Zhur. eksp. i teor. fiz. 42 no. 6:1475-1477 Je '62.

Number of neutrons emitted by U^{236} in the region of symmetrical fission. V. F. Apalin and others. Zhur. eksp. i teor. fiz. 43 no. 1:320-330 Jl '62.

Spontaneous fission with an anomalously short period. Part 1 [with summary in English]. S. M. Polikanov and others. Zhur. eksp. i teor. fiz. 42 no. 6:1464-1471 Je '62.

Spontaneous fission with an anomalously short period. Part 2 [with summary in English]. V. P. Perelygin and others. Zhur. eksp. i teor. fiz. 42 no. 6:1472-1474 Je '62.

NUCLEAR MAGNETIC RESONANCE AND RELAXATION

Imitator of the signals of nuclear magnetic resonance. B. M. Zhuriakov, A. I. Larkin. Avtom. i telem., sbor. st. no. 2, 95-99 '62.

Some characteristics of the electron-nuclear resonance of local electron centers near the surface of a non-metallic crystal. M. D. Glinchuk, M. F. Deigen. Fiz. tver. tela 4 no. 9:2521-2529 S '62.

Spin diffusion and magnetic relaxation of nuclei [with summary in English]. G. R. Khutsishvili. Zhur. eksp. i teor. fiz. 42 no. 5:1311-1318 My '62.

Structure of the lines of nuclear magnetic resonance of the isotopes Cu^{63} and Cu^{65} in β-brass. S. I. Aksenov. Zhur. eksp. i teor. fiz. 42 no. 6 1677-1679 Je '62.

NUCLEAR MODELS

"Anharmonic" effects of quadrupole oscillations of spherical nuclei [with summary in English]. S. T. Belyaev, V. G. Zelevinskii. Zhur. eksp. i teor. fiz. 42 no. 6:1590-1603 Je '62.

Calculation of the fission threshold and excitation energy of fragments in the liquid-drop model of the nucleus allowing for the Wigner symmetry energy [with summary in English]. V. S. Stavinskii, V. P. Kovalev. Zhur. eksp. i teor. fiz. 42 no. 6:1611-1617 Je '62.

Calculation of the interaction between fast protons and heavy nuclei, taking the fission process into account. B. N. Belyaev, A. N. Murin. Atom. energ. 13 no. 4 317-320 O '62.

Dipole excitations of nuclei in the superfluid model [with summary in English]. V. V. Baldshov, V. B. Belyaev, B. N. Zakhar'ev. Zhur. eksp. i teor. fiz. 42 no. 5, 1365-1370 My '62.

Dynamic resonances in solutions to the Low equation for certain field theory models [with summary in English]. B. M. Barbashov. Zhur. eksp. i teor. fiz. 43 no. 1 105-111 Jl '62.

Effect of dipole polarization of the core on the probability of single-particle transitions. N. P. Yudin. Izv. AN SSSR. Ser. fiz. 26 no. 9 1215-1217 S '62.

Effect of pair correlations on two-gamma quantum processes in the nucleus. I. N. Rapoport, A. G. Lipko-Liskii. Izv. AN SSSR. Ser. fiz. 26 no. 9 1209-1214 S '62.

Equilibrium shapes of nuclei in a quasi-static fission model [with summary in English]. V. M. Strutinskii. Zhur. eksp. i teor. fiz. 42 no. 6:1571-1581 Je '62.

Kemmer's scalar symmetric model [with summary in English]. G. V. Efimov. Zhur. eksp. i teor. fiz. 42 no. 6:1556-1566 Je '62.

Neutrino scattering on nucleons in the model of anomalous meson interaction [with summary in English]. V. B. Mandel'tsveig. Zhur. eksp. i teor. fiz. 42 no. 5 1278-1282 My '62.

New particles and Sakata's model [with summary in English]. I. IU. Kobzarev, L. B. Okun'. Zhur. eksp. i teor. fiz. 42 no. 6:1651-1657 Je '62.

Particle - hole interaction in the nuclear shell model. N. P. Yudin. Izv. AN SSSR. Ser. fiz. 26 no. 9, 1218-1221 S '62.

Properties of ground and excited states of strongly deformed nuclei [with summary in English]. V. G. Solov'ev. Zhur. eksp. i teor. fiz. 43 no. 1 246-255 Jl '62.

Reduced alpha-widths in the alpha-model of the nucleus. Z. Matthar, V. G. Neudachin, IU. F. Smirnov. Izv. AN SSSR. Ser. fiz. 26 no. 9:1199-1206 S '62.

Spectroscopic approach to the description of the interaction between fast nucleons and light nuclei. V. V. Balashov, A. N. Boiarkina. Izv. AN SSSR. Ser. fiz. 26 no. 9:1196-1198 S '62.

Theory of nuclear structure manifesting itself in interactions between high-energy particles and nuclei. P. A. Gorichev, O. V. Lozhkin, N. A. Perfilov. Izv. AN SSSR. Ser. fiz. 26 no. 9:1190-1194 S '62.

Theory of the optical potential [with summary in English]. A. G. Sitenko. Zhur. eksp. i teor. fiz. 43 no. 1 319-326 Jl '62.

Unitary symmetry and universal weak interaction [with summary in English]. I. IU. Kobzarev, L. B. Okun'. Zhur. eksp. i teor. fiz. 42 no. 5:1400-1403 My '62.

Using an orthogonal complex potential for describing the elastic scattering of 1 to 40 Mev. protons on He^4. L. S. Sokolov, I. N. Lebkova. Izv. vys. uch. zav., fiz. no. 4:82-86 '62.

NUCLEAR MOMENTS

Computation of the lithium atom in adiabatic approximation and calculation of the nuclear magnetic moment. M. G. Veselov, I. B. Bersuker. Opt. i spektr. 13 no. 3 297-301 S '62.

NUCLEAR OPTICAL MODELS

Calculation of neutron cross sections for U^{238} on the basis of a nuclear optical model. E. V. Kolesov, V. S. Stavinskii. Atom. energ. 13 no. 4:371-373 O '62.

Optical potential and the method of Green's functions. S. G. Kadmenskii. Izv. AN SSSR. Ser. fiz. 26 no. 9: 1191-1195 S '62.

NUCLEAR PHYSICS—BIBLIOGRAPHY see Bibliography—Nuclear physics

NUCLEAR PHYSICS—DICTIONARIES

Agzibekov, O. G., and others, comps. [Russian-French nuclear dictionary] Russko-frantsuzskii iadernyi slovar'. Pod red. D. I. Voskoboinika. Moskva, Glav. red. inostr. nauchno-tekhn. slovarei Fizmatgiza, 1962. 627 p.

NUCLEAR PHYSICS—STUDY AND TEACHING

Two demonstrations of the resonance phenomenon. V. S. Mikhalevskii. Izv. vys. uch. zav., fiz. no. 4:66-68 '62.

NUCLEAR REACTIONS

Analytic properties of nonrelativistic diagrams [with summary in English]. L. D. Blokhintsev, E. I. Dolinskii, V. S. Popov. Zhur. eksp. i teor. fiz. 42 no. 6 1646-1646 Je '62.

Analytic properties of partial wave amplitudes and the asymptotic behavior of the scattering amplitude [with summary in English]. V. N. Gribov. Zhur. eksp. i teor. fiz. 42 no. 5:1260-1267 My '62.

Angular distribution of α-particles from the reaction $Li^7(p, \alpha)He^4$ [with summary in English]. A. M. Petrov. Zhur. eksp. i teor. fiz. 43 no. 1 66-69 Jl '62.

Application of the one-dimensional shower theory to the calculation of intranuclear cascades. M. Z. Maksimov. Izv. AN SSSR. Ser. fiz. 26 no. 9 1172-1179 S '62.

Cascade γ-quanta in the reaction $Rh^{103}(n, \gamma)Rh^{104}$ [with summary in English]. L. F. Kalinkin, A. S. Melioranskii, I. V. Estulin. Zhur. eksp. i teor. fiz. 42 no. 5:1119-1157 My '62.

Cross section of μγ- and eγe- pair production in neutrino scattering on nuclei [with summary in English]. I. F. Shabalin. Zhur. eksp. i teor. fiz. 43 no. 1 175-180 Jl '62.

Decay scheme of an 8.92 Mev resonance state and quantum characteristics of the lower levels of the K^{41} nucleus. A. K. Val'ter and others. Izv. AN SSSR. Ser. fiz. 26 no. 9 1137-1142 S '62.

Elastic scattering of protons by B^{10} nuclei. G. B. Andreev, A. S. Deineko, I. IA. Malakhov. Izv. AN SSSR. Ser. fiz. 26 no. 9:1131-1136 S '62.

Experimental data indicating the existence of resonance in a $K^0\Lambda^0$-system at an energy of 1650 Mev. P. V. Kuznetsov and others. Zhur. eksp. i teor. fiz. 42 no. 6: 1675-1677 Je '62.

Gamma-radiation from a compound nucleus with large angular momentum [with summary in English]. V. V. Babikov. Zhur. eksp. i teor. fiz. 42 no. 6:1647-1650 Je '62.

"Gross structure" of proton spectra in stripping reactions [with summary in English]. O. F. Nemets, V. V. Tokarevskii. Zhur. eksp. i teor. fiz. 42 no. 6, 1481-1487 Je '62.

Invalidity of the $\Delta Q = \Delta S$ rule in leptonic decay of K-mesons and the behavior of weak interactions at high energies. B. L. Ioffe. Zhur. eksp. i teor. fiz. 42 no. 5: 1111-1413 My '62.

K-meson - hyperon resonances [with summary in English]. A. I. Baz', V. G. Vaks, A. I. Larkin. Zhur. eksp. i teor. fiz. 43 no. 1 166-171 Jl '62.

Nature of the interaction between fast nucleons and heavy nuclei. S. A. Azimov and others. Izv. AN Uz. SSR. Ser. fiz.-mat. nauk 6 no. 4:47-51 '62.

Photodisintegration of oxygen. Part 1 [with summary in English]. A. N. Gorbunov, V. A. Ostpova. Zhur. eksp. i teor. fiz. 43 no. 1, 40-50 Jl '62.

Photoproduction of pairs of charged vector mesons in the Coulomb field of the nucleus [with summary in English]. I. V. Blagin, L. S. Tsukerman. Zhur. eksp. i teor. fiz. 42 no. 6:1618-1621 Je '62.

Probability of the reaction $\mu^- + He^3 \rightarrow H^3 + \nu$. O. A. Zaimidoroga and others. Zhur. eksp. i teor. fiz. 43 no. 1 355-358 Jl '62.

Production of a charged vector boson (X-meson) by leptons in the Coulomb field of a nucleus [with summary in English]. V. V. Solov'ev, L. S. Tsukerman. Zhur. eksp. i teor. fiz. 42 no. 5:1252-1259 My '62.

Spectroscopic approach to the description of the interaction between fast nucleons and light nuclei. V. V. Balashov, A. N. Boiarkina. Izv. AN SSSR. Ser. fiz. 26 no. 9:1196-1198 S '62.

Splitting of giant resonance in certain medium-heavy nuclei [with summary in English]. O. V. Bogdankevich, B. I. Gurlachev, V. A. Zapovalov. Zhur. eksp. i teor. fiz. 42 no. 6:1502-1514 Je '62.

Study of excited states of Be^8 with the aid of the reaction $Li^7(p, \alpha)He^4$. I. B. Teplov and others. Izv. AN SSSR. Ser. fiz. 26 no. 9, 1150-1153 S '62.

Study of the $_{90}Th^{232}(_{10}Ne^{22}, 4n)_{100}Fm^{250}$ nuclear reaction [with summary in English]. E. D. Donets and others. Zhur. eksp. i teor. fiz. 43 no. 1:11-15 Jl '62.

Study of the reaction $Al^{27}(p, p^+)Mg^{27}$ [with summary in English]. M. IA. Kuznetsova, V. N. Pokrovskii, V. N. Rybakov. Zhur. eksp. i teor. fiz. 42 no. 6:1451-1455 Je '62.

Study of the reaction $Li^7(\gamma, p)He^6$ [with summary in English]. A. Kh. Shardanov, V. G. Shevchenko. Zhur. eksp. i teor. fiz. 42 no. 6:1438-1441 Je '62.

Supermultiplet level structure and characteristics of the (γ, d) reaction on light nuclei. V. V. Balashov, V. N. Fetisov. Izv. AN SSSR. Ser. fiz. 26 no. 9, 1188-1189 S '62.

Theory of neutron transfer in nuclear collisions [with summary in English]. T. L. Abelishvili. Zhur. eksp. i teor. fiz. 43 no. 1:81-83 Jl '62.

Theory of the nuclear structure manifesting itself in interactions between high-energy particles and nuclei. P. A. Gorichev, O. V. Lozhkin, N. A. Perfilov. Izv. AN SSSR. Ser. fiz. 26 no. 9:1190-1193 S '62.

Use of γ-spectroscopy in determining beryllium, boron, and fluorine in products enriched by γ-radiation accompanying the interaction between nuclei of these elements and α-rays. I. N. Plaksin, M. A. Beliakov, L. P. Starchik. Atom. energ. 13 no. 4:374-376 O '62.

NUCLEAR REACTORS

Calculation of the nonstationary temperature field in the reactor channel and thermoelastic stresses in a fuel element can. IU. F. Bagdasarov, O. D. Kazachkovskii. Atom. energ. 13 no. 3 241-249 S '62.

Correction of the readings of an ionization chamber in a system for regulating the power of a nuclear reactor. E. V. Armenskii, N. I. Borozdenko. Avtom. i telem., sbor. st. no. 2 24-27 '62.

Critical heat transfer in a steam-generating tube. V. N. Smolin, V. K. Politkov, V. I. Subbotin. Atom. energ. 13 no. 4:360-364 O '62.

Measurement of the thermal power of a nuclear reactor. E. V. Armenskii, G. D. Susanina. Avtom. i telem., sbor. st. no. 2 16-23 '62.

Model of a radiative indium-gallium loop for the IRT-2000 reactor at Tbilisi. D. I. Andronikashvili and others. Atom. energ. 13 no. 4:342-349 O '62.

New automatic control and safety system of the VVR-S reactor. P. Kovanic and others. Atom. energ. 13 no. 4:350-359 O '62.

Reaction of a system for regulating the power of a fast neutron reactor on the discontinuity of reactivity. B. A. Kuvshinnikov. Avtom. i telem., sbor. st. no. 2 5-15 '62.

Zaimovskii, A. S., V. V. Kalashnikov, and I. S. Golovnin. [Heat-yielding elements of nuclear reactors] Teplovydeliaiushchie elementy atomnykh reaktorov. Moskva, Gosatomizdat, 1962. 369 p.

NUCLEAR SPIN

Measurement of the spin correlation coefficient for pp-scattering at an energy of 660 Mev. [with summary in English]. V. I. Nikanorov and others. Zhur. eksp. i teor. fiz. 42 no. 5:1209-1211 My '62.

Spin structure of meson-nucleon and nucleon-nucleon scattering amplitudes at high energies. V. N. Gribov, I. IA. Pomeranchuk. Zhur. eksp. i teor. fiz. 42 no. 6:1682-1684 Je '62.

Statistics of spin waves [with summary in English]. D. Frank, K. Meyer. Zhur. eksp. i teor. fiz. 43 no. 1 301-303 Jl '62.

Theory of vector particles with oriented spin [with summary in English]. IU. M. Loskutov, IU. A. Popov. Zhur. eksp. i teor. fiz. 43 no. 1:126-130 Jl '62.

NUCLEI, ATOMIC

The atomic weight scale C^{12} = 12 and new tables of atomic weights of elements and nuclidic masses. V. A. Kravtsov. Usp. fiz. nauk 78 no. 1:65-92 S '62.

Effect of the diffuse state of nucleus boundaries on diffraction scattering [with summary in English]. IE. V. Inopin, IU. A. Berezhnoi. Ukr. fiz. zhur. 7 no. 4:343-348 Ap '62.

Experimental estimation of the mean lifetime of alpha particles inside nuclei. IU. I. Serebrennikov. Izv. vys. uch. zav., fiz. no. 4:151-153 '62.

Motion of individual particles in strongly deformed nuclei [with summary in English]. Liu IUan' [Liu Yüan], Chu Lian-tuan [Ch'u Lien-yüan]. Zhur. eksp. i teor. fiz. 42 no. 5:1219-1224 My '62.

Time of formation of a compound nucleus and γ-radiation from interacting nuclei [with summary in English]. V. V. Babikov. Zhur. eksp. i teor. fiz. 42 no. 5:1244-1248 My '62.

NUCLEI, ATOMIC—DECAY

Decay of hypernuclei [with summary in English]. V. A. Liul'ka. Zhur. eksp. i teor. fiz. 12 no. 6:1629-1631 Je '62.

NUCLEIC ACIDS

Distribution of nucleic acids, proteins and some of their functional groups in olfactory cells of vertebrates. A. A. Bronshtein. TSitologiia 4 no. 4:416-426 Jl-Ag '62.

Informational RNA and regulating mechanisms of protein [review with summary in Eng- mirnov. Izv. AN SSSR, Ser. '62].

idemy of Medical of nucleic acids. 89-91 S '62.

J. Sankian, L. M. no. 1:215-216 S '62.

Institute of Physical ces of the U. S. S. R. 15-116 Jl '62.

gur. Znan.-sila 37

ribonucleic acid com- mmary in English]. l. 23 no. 4:311-313

in glial tumors of M. Sh. Promyslov.

omagnetic form fac- English]. A. F. Gra- teor. fiz. 42 no. 5:

ngly deformed nu- iu IUan' [Liu Yüan], Zhur. eksp. i teor. fiz.

NUCLEONS—SCATTERING

Some conclusions from the hypothesis of moving poles for processes involving high energies. V. N. Gribov and others. Zhur. eksp. i teor. fiz. 42 no. 5:1419-1421 My '62.

Spin structure of meson-nucleon and nucleon-nucleon scattering amplitudes at high energies. V. N. Gribov, I. IA. Pomeranchuk. Zhur. eksp. i teor. fiz. 42 no. 6:1682-1684 Je '62.

Theory of the optical potential [with summary in English]. A. G. Sitenko. Zhur. eksp. i teor. fiz. 43 no. 1 319-326 Jl '62.

NUCLEOTIDES

Nucleotide peptides, a new group of biologically important compounds [with summary in English]. Zh. A. Medvedev, E. E. Khavkin. Izv. TSKHA no. 2:188-199 '62.

NUCLEUS (CELLS) see Cell nuclei

NUKHA REGION—HETEROPTERA

Studying the true bugs (Hemiptera) of the Nukha-Zakataly zone. D. A. Gidaiatov. Izv. AN Azerb. SSR, Ser. biol. i med. nauk no. 3:61-66 '62.

NUKUS—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

A city party committee reports on its work. M. Lamev. Part. zhizn' [Uzb.] 5 no. 9:87-89 S '62.

NUMBERS, INDEX see Index numbers (Economics)

NUMBERS, PRIME

Distribution of analogues of prime numbers. P. K. Fogels. Dokl. AN SSSR 146 no. 2:318-321 S '62.

NUMBERS, THEORY OF

Generalized inversion formulas for summator functions. M. L. Platonov. Izv. vys. ucheb. zav., mat. no. 3 116-121 '62.

Inverse problems in the additive theory of numbers. Part 6. Addition of finite sets. Section 3. Addition of different sets. G. A. Freiman. Izv. vys. ucheb. zav., mat. no. 3 151-157 '62.

NUMERICAL FUNCTIONS

Mechanical cubature formulas on the surface of a sphere. S. L. Sobolev. Sib. mat. zhur. 3 no. 5, 769-796 S-O '62.

NUMERICAL WEATHER FORECASTING

Increasing the accuracy of numerical predictions by means of improving the method of calculating the vortex advection. P. N. Belov. Trudy TSIP no. 102:27-37 '62.

Practice of using a finite difference system in a numerical prediction of the geopotential at mean sea level. I. G. Sitnikov. Trudy TSIP no. 102 31-46 '62.

Prediction of the geopotential in the polytropic atmosphere. S. I. Gubanova, G. M. Khalikova, N. G. Turianskaia. Trudy TSIP no. 102:55-59 '62.

Results of testing numerical weather forecasting maps of absolute topography of the 850, 500, and 200 millibar isobaric surface. P. N. Belov. Meteor. i gidrol. no. 10:12-21 O '62.

Study of a system of prediction with implicit finite differences. N. G. Turianskaia. Trudy TSIP no. 102:17-52 '62.

NUMISMATICS

Coins have the floor. B. Vilinbakhov. Znan.-sila 37 no. 7:51 Jl '62.

NUMMULITES see subdivision under Carpathian Mountain region

NURA-TAU—MOLYBDENUM ORES

Place of molybdenum in the formation of the Lyangar deposit. V. I. Rekharskii. Trudy IGEM no. 79:182-194 '62.

NURATA REGION—SHEEP—FEEDING AND FEEDS

Stock farmers of the Nurata region have carried out their promises. K. Akhmatkulov, R. Babaev. Part. zhizn' [Uzb.] 5 no. 9:72-73 S '62.

NURSERIES (HORTICULTURE)

We should carefully attend our fruit nurseries. I. Ratyaevich. Nat. nav. no. 9:26-29 S '62.

NURSERY STOCK

Shortening the duration of the formation of apricot and peach seedlings [in Armenian with summary in Russian]. A. K. Narofan. Izv. Upr. sel'khoz. nauki Arm. SSR 5 no. 9:47-52 '62.

NURSES AND NURSING

Conference of subprofessional medical personnel of Moscow and Moscow Province. A. F. Kuznetsova. Med. sestra 21 no. 8:56-57 Ag '62.

Let's systematically raise the qualifications of nurses. N. K. Mitropol'skii. Med. sestra 21 no. 9:60-62 S '62.

Mass work of a library. K. E. Dorfman, S. M. Aleksina. Med. sestra 21 no. 8:56 Ag '62.

Nurses' councils. Med. sestra 21 no. 9:58-60 S '62.

Nurses' councils. S. L. Shmulevich and others. Med. sestra 21 no. 8:61-62 Ag '62.

Raising the qualifications of nurses. V. M. Kaplan, F. A. Vainshtein. Med. sestra 21 no. 8:59 Ag '62.

What a nurse must know about laboratory analyses. G. I. Levin. Med. sestra 21 no. 8:14-15 Ag '62.

NURSES AND NURSING—BIBLIOGRAPHY see Bibliography—Nurses and nursing

NURSES AND NURSING—PERIODICALS

Readers' conference on the journal, "Meditsinskaia sestra," in Tashkent. T. I. Neupokoeva. Med. sestra 21 no. 9:62-63 S '62.

Readers' conference on this periodical in a hospital. N. M. Shmushkovich. Med. sestra 21 no. 8:57-58 Ag '62.

NURSES AND NURSING—STUDY AND TEACHING

Benefits granted to nurses studying in subprofessional medical schools without interrupting their work. L. I. TSareva. Med. sestra 21 no. 9:57-58 S '62.

NUTRITION

Trofimova, V. I., and others. [Organizing an inexpensive and fully adequate diet in restaurants] Kak organizovat' nedorogoe i polnotsennoe pitanie v stolovykh. Moskva, Gostorgizdat, 1961. 65 p.

Vitamins in human nutrition. I. M. TSvang. Pediatriia, akush. 27 no. 7 31-34 Jl '62.

NYLON

Use of nylon sleeve bearings on construction equipment. IU. A. Evdokimov, I. A. Loshak, V. A. Slatin. Mekh. stroi. 19 no. 4, 20-22 Ap '62.

NYSTAGMUS

Experimental rotatory nystagmus disorders in patients with tumors of the posterior cranial fossa. A. N. Kekhaiov. Vest. otorin. no. 5, 67-68 '62.

Positional nystagmus, a survey of the foreign literature published in 1950-1961. G. M. Grigor'ev. Vest. otorin. no. 5, 67-73 '62.

OAK

(see also subdivision under Moscow Province)

Effect of vitamins on photosynthesis in the English oak (Quercus robur L.). M. V. Kolesnichenko. Dokl. AN SSSR 146 no. 1, 233-235 S '62.

Leaf fall in the English oak. E. P. Prokazin. Priroda 51 no. 9:128 S '62.

OAK, FOSSIL see subdivision under Azerbaijan

OB' VALLEY—NAMES, GEOGRAPHICAL

From the toponymy of the northern part of the Ob Valley [translated from the German]. Wolfgang Steinitz. Vop. geog. no. 58, 109-111 '62.

OB' VALLEY—SEDIMENTATION AND DEPOSITION

Stages in the accumulation of Cretaceous sediments in the middle Ob' Valley. E. G. Sorokina. Trudy SNIIGGIMS no. 17:150-156 '61.

OBESITY see Corpulence

OBRUCHEV, VLADIMIR AFANAS'EVICH, 1863-1956

How to study biographies and work of V. A. Obruchev and A. E. Fersman in a geography course. V. G. Muzafarov. Geog. v shkole 25 no. 5 73-74 S-O '62.

OBSTETRICAL PARALYSIS

Birth paralyses and their treatment [with summary in French]. O. I. Kondratenko. Zhur. nevr. i psikh. 62 no. 7:1029-1033 '62.

OBSTETRICS

Persianinov, L. S., ed. [Use of aminazine in obstetrical and gynecologic practice] Primenenie aminazina v akusherstvo-ginekologicheskoi praktike. Minsk, Gos. izd-vo BSSR, Red. nauchno-tekhn. lit-ry, 1962. 179 p. (DNLM)

OBSTETRICS—EQUIPMENT AND SUPPLIES

The AVE-1 vacuum extractor in obstetrical practice. V. N. Mistrova, I. Kh. Khairullina. Kaz. med. zhur. no. 3:87-89 My-Je '62.

Experience in the use of the vacuum extractor. E. P. Shutkina. Kaz. med. zhur. no. 3, 85-86 My-Je '62.

Vacuum extractor in controlling intra- and postnatal fetal death. L. D. Likhtman. Kaz. med. zhur. no. 3 88-89 My-Je '62.

OBSTETRICS—TERMINOLOGY

Nomenclature used for defining the time of loss of the amniotic fluid. R. I. Movshovich. Kaz. med. zhur. no. 3:36-38 My-Je '62.

OCCUPATIONAL DISEASES

Qualitative change in the erythrocytes of subjects working under the combined effect of occupational factors (gamma irradiation, high frequency currents, lead). A. V. Shchegolova. Probl. gemat. i perel. krovi no. 5:35-37 '62.

Research methods recommended for studying occupational lesions of the olfactory analyser. T. N. Mil'shtein. Vest. otorin. no. 5:10-15 '62.

OCCUPATIONS

Your best friend. P. Aleshin. Znan.-sila 37 no. 7:41 Jl '62.

OCEAN

"Ahead of us lies the ocean" by B. V. Liapunov and "In balloon and bathyscaphe" by A. Piccard Reviewed by S. D. Osokin. Priroda 51 no 8,125-126 Ag '62

OCEAN—BIBLIOGRAPHY see Bibliography—Ocean

OCEAN CURRENTS

Underwater current meter. Ryb. prom 56;32-37 '61.

OCEANOGRAPHIC INSTRUMENTS

Device for remote measurement of salinity, temperature and pressure of sea water ("thermosalinometer-2"). V. G. Azhazha, Iu. R. Valashek, V. V. Grishkov. Ryb. prom. no. 5:1-3-33 '60.

Faults in the construction of the compas box of the VM-M ocean current meter. P. F. Shakurov Meteor. i gidrol. no. 10 48-49 O '62

OCEANOGRAPHIC RESEARCH

Our dreams; laboratories on the ocean floor. B. Liapunov. Tekh. mol. 30 no. 9 16-17 '62.

OCEANOGRAPHY

"The depths of the ocean" by D. I. Shcherbakov. Book review. Priroda 51 no 8:77 Ag '62

In research institutions of the Hydrometeorological Service. Meteor. i gidrol. no. 10:62 O '62.

Splites and hypothesis of transvaporization in the light of new oceanological and volcanological data. D. S Korzhinskii. Izv. AN SSSR. Ser. geol. 27 no. 9 12-17 S '62.

T, S-curves and the vertical stability of ocean waters. O. I. Mamaev. Dokl AN SSSR 146 no 2:347-349 S '62.

OCEANOGRAPHY—BIBLIOGRAPHY see Bibliography—Oceanography

OCTANE

Reactivity of octylbenzene [with summary in English]. H Voore, S Faingol'd Izv AN Est SSR Ser fiz.-mat i tekh. nauk 11 no 3 212 '62.

OCTYLAMINE

Extraction of uranyl sulfate by tri-n-octylamine B. N. Laskorin, Z. Sh Golynko, D. I. Skorovarov. Ekstr., teor., prim., app. no. 2 190-198 '62.

Extraction of zirconium and hafnium from fluoro-metallate solutions by tri-n-octylamine. G. A. Agodin, A. M. Chekmarev. Ekstr., teor., prim., app no. 2:141-153 '62.

ODER RIVER—NAVIGATION

On the Oder River A Timashev. Nov vrem. 20 no 42 30-31 O '62

ODESSA—CANNING INDUSTRY

Our tasks in the current year. A. A. Bychkov. Kons. i ov. prom. 17 no. 10:3-4 O '62.

ODESSA—GRAIN HANDLING

We are extending personal contacts for the exchange of experience. A Poltorak. Muk.-elev. prom. 28 no. 7, 28 Jl '62.

ODESSA—LIBRARIES

Ordinary days. N. Krasnopol'skaia. Bibliotekar' no 10 35-36 O '02.

ODESSA—LONGSHOREMEN

Longshoremen's seminar. Z. Sherle. Rech. transp. 21 no. 9:40 S '62.

ODESSA—MEDICAL JURISPRUDENCE

Problems in forensic medicine at the Odessa Society of Physicians. M. K. Trubetskaia. Sud.-med. ekspert. 5 no. 3:29-30 Jl-S '62.

ODESSA—MILK PLANTS—EQUIPMENT AND SUPPLIES

The OGB-10 homogenizer. D. I. Khenkin. Khar. prom. no. 2:50 Ap-Je '62.

ODESSA—POSTAL SERVICE

A feeling of the new. S. G. Volkov, L. IA. IAkovlev, M. N. Stepanenko. Vest. sviazi 22 no. 9:27 S '62.

ODESSA—SECTS

"Healers." V. Brudnyi. Volov. ateist no. 12:30-31 D '61.

ODESSA—TELEGRAPH

The number of processed telegrams and long-distance calls is increasing. Vest. sviazi 22 no. 9:25-26 S '62.

ODESSA—TELEPHONE

The number of processed telegrams and long-distance calls is increasing. Vest. sviazi 22 no. 9:25-26 S '62

ODESSA—TELEVISION STATIONS

Creative initiative of the efficiency experts. Vest. sviazi 22 no. 9:26 S '62.

ODESSA—THEATER

Young property men in Odessa. L. Novoselitskaia. Teatr 23 no. 9:168 S '62.

ODESSA PROVINCE—POSTAL SERVICE

The quality of work in service to the public is improving. Vest. sviazi 22 no. 9:25 S '62.

ODESSA PROVINCE—TELECOMMUNICATION

The administration of the communication enterprises is improving. Vest. sviazi 22 no. 9:26 S '62.

The construction of telecommunication enterprises should receive undivided attention. Vest sviazi 22 no. 9:23 S '62.

Special care should be exercised in the use of new equipment Vest. sviazi 22 no. 9:24 S '62.

ODESSA PROVINCE—TELEPHONE

Industrial managements should be provided with good communication services. Vest. sviazi 22 no. 9:29 S '62.

Quantitative and qualitative indices. Vest. sviazi 22 no. 9:22 S '62.

ODESSA PROVINCE—WIRE BROADCASTING

Continuous improvment of wire broadcasting centers. Vest. sviazi 22 no 9:24 S '62.

OFFENSES AGAINST SOCIALIST PROPERTY

"A person of little account." V Marshavin. Sov. just no. 18 24 S '62.

OFFICE BUILDINGS

New type of administrative and industrial building. D. Vasil'ev. Arkhit SSSR no 8 37-40 '62

OFFICE EQUIPMENT AND SUPPLIES—ABSTRACTS

[Precision instruments and testing equipment] Ref. zhur. Otd. vyp. 40: Prib. toch. mekh. i lap ust. nos. 19-20 O '62.

OFFICIAL SECRETS

Be alert and strictly preserve state and military secrets. G. Gladkikh. Voen. znan. 38 no. 9:16-17 S '62.

OIL BURNERS—TESTING

Testing of fuel oil burners on marine steam boilers. M. I. Sidorov. Inform. sbor. TsNIIMF no. 68, Tekh. ekspl. mor. flota no. 11 23-39 '61.

OIL FIELD BRINES

(see also subdivision under Georgia; Volga-Ural region)

Injecting petroleum in water producers as a means of water exclusion. I. G. Moseenkova, V. P. Bobeliuk. Neft. khoz. 40 no. 5:38-41 My '62.

OIL FIELD FLOODING

(see also subdivision under Kuybyshev Province; Tuymazy region, Bashkiria)

Applying the method of consecutive changes in steady states to the oil flooding problem. M. V. Filinov. Neft. khoz. 40 no. 5 49-56 My '62.

Calculating fluid recovery in the multiline drive pattern. V. S. Orlov, N. K. Pravednikov. Nauch.-tekh. sbor. po. dob. nefti no. 15:51-50 '61.

Calculating the flooding of oil layers. A. K. Kurbanov. Nauch.-tekh sbor po dob nefti no 16:56-61 '62

Calculating the interference of grouped wells having horizontal or gently dipping bottoms in circular and straight-line flooding. V. P. Tabakov. Nauch.-tekh. sbor. po. dob. nefti no. 15:58-63 '61.

Determination of the changes in time of recovery after the inrush of the displacing agent to the production line. N. L. Rakovskii. Nauch.-tekh. sbor. po. dob. nefti no. 15: 64-69 '61.

Flooding gassy oil taking into account a two-phase flow in the transition zone. A. A. Bokserman, M. D. Rozenberg. Nauch. tekh. sbor. po dob. nefti no. 1 11-18 '59.

Model for studying the oil flooding process in a thick layer. D. A. Efros, A. K. Fatkullin, A. A. Lanitina. Nauch.-tekh. sbor. po. dob. nefti no. 15:26-31 '61.

Numerical solution of a problem of flooding oil from an inclined thin layer obtained on a digital computer. V. P. Pilatovskii. Nauch.-tekh. sbor. po. dob. nefti no. 15:5-10 '61.

Oil yield when using the flooding method A Kh Fatkullin, A A. Lanitina Nauch -tekh sbor po dob nefti no 16:24-30 '62

"Programming, construction, and operation of water-supply systems for oil field flooding." Reviewed by A. I. Balashov. Vod. i san tekh. no. 8 39-40 Ag '62.

Spacing pattern of dividing injection wells in areas of large oil pools Chen Chzhun-Sian [Ch'en Chuang-hsiang]. Nauch -tekh sbor. po dob nefti no 16, 39-51 '62

Using methods of linear programming for solving some economic problems of petroleum production S F Korotrov. Nauch -tekh. sbor po dob nefti no. 16, 73-78 '62.

Water displaces oil. M. Saakov. Izobr. i rats. no. 8:3-4 Ag '62.

OIL FIELDS—FIRES AND FIRE PREVENTION

Mamikoniants, G. M. [Fire extinction of powerful gas, gas and oil, and oil free-flowing wells with water streams and by means of explosives] Tushenie pozharov, moshchnykh gazovykh, gazoneftianykh i neftianykh fontanov vodianymi struiami i pri pomoshchi vzryva zariada VV. Moskva, Gostoptekhizdat, 1962. 70 p.

OIL FIELDS—PRODUCTION METHODS

(see also subdivision under Shkapovo region; Sokolovogorsk region)

Alibekov, B. I. [Technical methods and equipment in exploiting oil pools with low formation pressure and intense sanding up] Tekhnika i tekhnologiia ekspluatatsii zalezhei nefti s nizkim plastovym davleniem i intensivnym peskoproiavleniem. Baku, Azernashr, 1962, 162 p.

Design formulas for estimating the thermal effect on well bottoms F V Tesliuk, IU V Kapyrin, V M Fokeev Nauch -tekh sbor po dob. nefti no 16 94-101 '62

Distant spacing of production wells is an important measure of the national economy. M. I. Maksimov. Geol. nefti i gaza 6 no. 8:1-3 Ag '62

Electric heating of the bottom hole zone and injection of the heated fluid into layers. V. S Sidorovskii. Neft. khoz., 40 no. 5 62-64 My '62.

Injecting petroleum in water producers as a means of water exclusion I G. Moseenkova, V. P. Bobeliuk. Neft. khoz. 40 no. 5:38-41 My '62.

Problem of the length of time of water-free exploitation of a water-oil layer by different tapping methods. Hydraulic fracturing, imperfect well, imperfect well with an exclusion screen. N S Piskunov, L. V. Teslitul. Nauch. tekh. sbor. po dob. nefti no. 1 5-10 '59.

Selecting the production system for water producers. A. N. Buchin, S. V Saftonov. Neft. khoz. 40 no. 5:26-31 My '62.

OIL HYDRAULIC MACHINERY

Development of the study of hydraulic machinery and transmissions in the Department of Technology of the Academy of Sciences of the Ukrainian S. S. R. A. P. Filippov. Prykl. mekh. 8 no. 3:465-469 '62.

Effect of friction in a hydraulic cylinder, compressibility of liquid and leakage on the transient process and lagging in a valve-hydraulic cylinder system. N. A. Borisova. Trudy MAI no. 116:43-48 '62.

Investigating the dynamics of a hydraulic torque converter with a speed feedback V. A. Merkulov Trudy Inst. mash. Sem. po teor. mash. i mekh. 23 no. 91, 25-41 '62.

Lagging of a hydraulic actuator with a choke regulation. N. A. Borisova. Trudy MAI no. 116:49-57 '62.

Mechanical characteristics of a hydraulic actuator with a choke regulation of speed. N. A. Borisova. Trudy MAI no. 116:35-42 '62.

OIL INDUSTRIES

(see also subdivision under Krasnodar)

Rising to a higher level the work in economic fields. Masl.-zhir. prom. 28 no. 9:1-4 S '62.

OIL INDUSTRIES—EQUIPMENT AND SUPPLIES

Apparatus for heating bleaching earth and catalysts with the contact method. I. D. Evseev. Khar. prom. no. 2, 63-64 Ap-Je '62.

OIL INDUSTRIES—PRODUCTION CONTROL

All-Union Interplant School for the Exchange of Advanced Practices in Production Control in Oil Industries. L. I. Vlanova. Masl.-zhir. prom. 28 no. 9:42 S '62.

OIL RESERVOIR ENGINEERING

(see also subdivision under Bashkiria; Dolina region, Stanislav Province; Fergana; Kuybyshev Province; Romashkino region; Stanislav Province; United States)

Area of disturbance of linear flow in fissured rocks. F. I. Kotliakhov, IU. S. Mel'nikova. Nauch.-tekh. sbor. po. dob. nefti no. 15:10-16 '61.

Calculating the interference of lines of inclined multihole wells drilled in a multizone reservoir. IU. P. Borisov, V. P. Tabakov. Nauch.-tekh. sbor. po. dob. nefti no. 15:50-54 '61.

Calculating the resistance of model wells using productivity factors. M M Maksimov Nauch -tekh sbor po dob. nefti no 16 70-72 '62.

Calculation of the effect of a layer of nonuniform permeability on fluid yield in time. Z. K. Rakhimina. Nauch.-tekh. sbor. po. dob. nefti no. 15:79-82 '61.

Calculation of the incremental oil recovery obtained by water or gas injection when the reservoir pressure is above the saturation pressure and under the conditions of differential pressure in wells. I. D. Amelin. Trudy KF VNII no. 9:95-97 '62.

Controlling the recovery of fluids from pools in nonelastic-water drive reservoir. I. D. Amelin. Trudy KF VNII no. 9:82-84 '62.

Determination of isobaric and flow line curvatures at the boundary line of two media based on electric modeling L. G. Kogan Nauch. -tekh. sbor., po dob. nefti no 16 68-70 '62.

Determining the average reservoir pressure in various petroleum production systems. A. A. Bokserman, V. S. Orlov. Neft. khoz. 40 no. 5:45-49 My '62.

Determining the initial saturation of cores filled with oxidized oil. M. N. Kochetov. Nauch.-tekh. sbor. po. dob. nefti no. 15:3-5 '61.

Effect of recovery rate on oil production in solution gas drive. I. S. Sandakhchiev. Nauch.-tekh. sbor. po. dob. nefti no. 15:39-42 '61.

Effect of the parameters of the production well pattern on oil recovery from nonuniform layers. M. L. Surguchev. Neft. khoz. 40 no. 5:31-38 My '62.

Electric device for determining Laplace's integral. A. L. Goflin. Nauch. tekh. sbor. po dob. nefti no. 1:33-39 '59.

Experimental study of the displacement of bubble-point oil by gas. S. A. Kundin. Nauch.-tekh. sbor. po. dob. nefti no. 15:21-26 '61.

Hydrodynamic calculations in elastic drive and at given pressures. IU. P. Borisov. Nauch. tekh. sbor. po dob. nefti no. 1:23-26 '58.

OIL RESERVOIR ENGINEERING (Continued)

Method for calculating the accumulated oil at a given bottom hole pressure V. Ill Kim. Neft. khoz 40 no. 5:12-15 My '62.

Method for the numerical solution of problems of the displacement of water-oil interface in a thin layer V P Pilatovskii Nauch -tekh sbor po dob nefti no 16 17-20 '62

Nauchnaia konferentsiia po problemam neftianoi, gazovoi i neftekhimicheskoi promyshlennosti [Abstracts of reports of the Conference on the Problems of the Petroleum, Gas, and Petrochemical Industries. Section 'Development and Exploitation of Oil and Gas Fields."] Tezisy dokladov, Sektsiia "Razrabotka i ekspluatatsiia neftianykh i gazovykh mestorozhdenii," Moskva, Gostoptekhizdat, 1962. 34 p.

Nomogram for establishing the conditions of the periodic exploitation of low-yield wells. V I Silkin. Nauch tekh sbor. po dob. nefti no. 1 18-52 '58.

Oil flow toward straight and inclined wells in an isotropic layer of finite thickness IU P. Borisov, V P Tabakov Nauch -tekh sbor po dob nefti no 16 31-39 '62

Pressure calculation in elastic drive and variable rate of production of wells. IU. P Borisov. Nauch. tekh. sbor., po dob. nefti no 1 18-23 '58.

Results of the study of piezometric wells. A P. Korzhunov, V M. Kuz'min. Nauch. -tekh sbor. po dob. nefti no 15 82-86 '61.

Russian and foreign data on the use of formation testers G V Shcherbalov Nauch. -tekh sbor. po. dob. nefti no. 15 86 '61.

Some generalizations of the equations of two-phase fluid flow. A K. Kurbanov. Nauch. -tekh. sbor. po. dob nefti no 15 32-38 '61.

Some numerical methods for solving problems of two-phase fluid flow V. P. Pilatovskii, M. D Rozenberg, D. A Efros. Nauch. -tekh. sbor. po. dob. nefti no. 15 43-44 '61.

Two methods for solving the equations of the flow of bubble point oil V F Sheremetkov, V P Karpov. Nauch -tekh sbor po dob nefti no 16 8-13 '62

Using electric models for studying the development of a layer in order to obtain additional data on its parameters. P. M. Belash. Nauch. -tekh. sbor. po. dob nefti no. 15 69-72 '61.

Using electrolytic gel models for studying the displacement of oil boundary. G. P. TSybul'skii. Trudy KI VNII no 9 124-128 '62.

Using ultrasonic waves for studying petroleum systems. A. V. Savinskhina, G. I. Trebin Nauch. tekh. sbor po dob nefti no. 1 10-43 '58.

OIL RESERVOIR ENGINEERING—EQUIPMENT AND SUPPLIES

Rebinder, P. A., ed. [Physicochemical bases for using surfactants in developing oil formations] Fiziko-khimicheskie osnovy primeneniia poverkhnostno-aktivnykh veshchestv pri razrabotke neftianykh plastov. [By] G. A Babalian i dr Moskva, Gostoptekhizdat, 1962. 282 p.

OIL SANDS see subdivision under Kuban; Kuban-Azov Lowland; Kuznetsk Basin; Shebelinka region

OIL SANDS—PERMEABILITY

Accuracy of permeability determination of reservoir rocks based on the study of core samples. A. I. Solamasov Geol. nefti i gaza 6 no. 8:13-17 Ag '62.

Evaluation of the nonuniformity of a layer based on pressure build-up curves. S G. Kamenetskii Nauch. -tekh sbor. po. dob. nefti no. 15:72-77 '61.

Measuring the induced polarization of rocks for studying their reservoir properties using the UVP-NIGA-1 unit L. M. Mandel'shtein, V. S. Andreev. Trudy NIIGA 12: 132-138 '62.

Method of determining artifical and natural fractures in cores. F. I Kotlakhov. Nauch. tekh. sbor. po dob. nefti no. 1 14-17 '58.

Some problems of flow in anisotropic layers A T Gorbunov. Nauch -tekh sbor po dob. nefti no 16 20-24 '62.

OIL SHALES

Causes of the corrosion of reinforcing bars in shale-ash concrete [with summary in English]. L. Ott, N. Dilaktorskii, A. Bel'chenko Izv AN Est. SSR. Ser. fiz -mat i tekh nauk 11 no 3:221-228 '62

OIL WELL CASING
(see also subdivision under United States)

Talyshkhanov, K. G. [Taking the resistance of the medium into account in designing casing columns] Raschet obsadnykh kolonn s uchetom soprotivleniia sredy. Baku, Azerbaidzhanskoe gos. izd-vo, 1962. 154 p.

OIL WELL CEMENTING
(see also subdivision under Krasnodar Territory, Kuban)

"Techniques of oil well cementing," Reviewed by R. Shishchenko, A. Bulatov. Neft. khoz. 40 no. 5:71-72 My '62.

OIL WELL DRILLING
(see also subdivision under Kuban)

Blood of an oil well. G. Karasik. Izobr. i rats. no. 10: 22 O '62.

Compensation for eliminating complications arising in holes during the boring process M K Zaitsev Izv AN Turk. SSR Ser obshchestv nauk no. 1 87-89 '62.

Means for increasing the effectiveness of the operations of drilling departments. A T Shmarev. Neft khoz. 40 no. 5 1-9 My '62

Selecting the optimum work balance among the units of drilling departments. P. Kh. Shirinov Neft. khoz. 40 no. 5 9-11 My '62.

OIL WELL DRILLING—EQUIPMENT AND SUPPLIES

Experimental testing of blade bits of the stepped shape. G. N. Dzhalil-Zade, A. G. Mdivani. Neft khoz. 40 no. 5 12-16 My '62.

Method for designing drilling strings for deep wells O. A. Lobedev Trudy KF VNII no. 9:21-24 '62.

Nauchnaia konferentsiia po problemam neftianoi, gazovoi i neftekhimicheskoi promyshlennosti. [Abstracts of reports of the Conference on the Problems of the Petroleum, Gas, and Petrochemical Industries: Section "Drilling and Drilling Equipment."] Tezisy dokladov Sektsiia "Burenie i burovoe oborudovanie," Moskva, Gostoptekhizdat, 1962. 39 p.

Principles for designing an automatic computer for recording the performance of drilling stems A I Dmukhlov and others. Trudy KI VNII no. 9 68-75 '62.

OIL WELL DRILLING—TERMINOLOGY

Standardized oil well drilling terminology N. I. Shatskov. Neft. khoz. 40 no 5:66-69 My '62

OIL WELL DRILLING FLUIDS

Calcium chloride drilling fluids. E. G. Kister, M. I. Epkes. Neft. kho. 40 no 5 17-20 My '62

Changes in the temperature of clay muds at the well head occurring in drilling. I. A. Karmanov. Trudy KF VNII no 9:17-20 '62.

[Fluids for drilling wells; transactions of the interrepublic conference in Baku] Promyvochnye rastvory dlia bureniia skvazhin, trudy mezhrespublikanskogo soveshchaniia v Baku Moskva, Gostoptekhizdat, 1962. 291 p.

Mechanics of lime processing of clay muds. S. Iu. Zhukovitskii, I. G. Agabal'iants. Trudy KF VNII no. 9: 32-37 '62.

Relationship among the conditional viscosity, static shearing stress, and hydraulic constants of clay muds. S. Iu. Zhukovitskii, V. I. Rinbchento. Trudy KF VNII no. 9:38-49 '62.

Selection of the optimum concentration of surface-active agent when using them in tapping and completing oil layers. B. D. Panov, V. F. Silkin. Trudy KF VNII no 9: 61-67 '62.

Using surface active agents in tapping pays. I. E. Kotel'nikov. Neft. khoz. 40 no. 5:64-66 My '62

OIL WELL DRILLING RIGS

Calculation of the general stability of oil derricks. Iu. E. Somtskii. Izv. vys. uch. zav.; stroi. i arkhit. 5 no. 4: 75-85 '62.

OIL WELL LOGGING
(see also subdivision under West Siberian Plain)

Determination of the parameters of a layer based on flow test data obtained by the use of a logging cable. I I Iln Shan [I I Yung-Shang]. G. V. Shcherbakov. Nauch. -tekh sbor. po. dob. nefti no. 15:77-79 '61.

Separation and evaluation of reservoirs in carbonate cross sections from data from geophysical studies of wells. L. G. Petrosian. Geofiz. razved. no. 8, 90-102 '62.

OIL WELL LOGGING, ELECTRIC see subdivision under Minusinsk Basin

OIL WELLS—EQUIPMENT AND SUPPLIES

Rukhadze, G. R. [Crosshead with automatic gas cut-off valves] Krestovina s avtomaticheskimi gazootsekatel'nymi klapanami. Baku Azerneshr, 1961. 40 p.

OIL WELLS—HYDRAULIC FRACTURING see subdivision under Kuban

OIL WELLS—SAFETY REGULATIONS

Vsesoiuznyi nauchno-issledovatel'skii institut po tekhnike bezopasnosti. [Instructions on safety engineering in underground repairing of wells] Instruktsiia po tekhnike bezopasnosti pri podzemnom remonte skvazhin, Moskva, Gostoptekhizdat, 1962. 20 p.

OILS AND FATS
(see also subdivision under Dnepropetrovsk)

Characteristics of the movement of the solvent in the screw extractor. Iu. P. Matsuk, A. G. Neshchadim, T. A. Zamorueva. Masl.-zhir. prom. 28 no. 8, 6-8 S '62.

Effect of oil residues in the grist on the process of solvent removal by distillation. E. I. Ivanova. Masl.-zhir. prom. 28 no. 9:13-15 S '62.

Fortifying other than milk fats with skimmed milk preparations. V. P. Kychigin. Khar. prom. no. 2:66-67 Ap-Je '62.

Production of oil meal for reprocessing in the affiliated extraction plants. N. A. Zenin, A. IA. Karkhina, V. IA. Doroshenko. Masl.-zhir. prom. 28 no. 9:28-29 S '62.

Rapid determination of the amount of fat in food products. G Lovacheva. Obshchestv. pit no. 6 35-36 Je '62.

OILS AND FATS—ANALYSIS

Inspection of dilatometers and taking the volumetric expansion of water into account in connection with the dilatometric analysis of oils and fats. N. L. Melamud, I. P. Ryzhova. Masl. -zhir. prom. 28 no. 9, 33-34 S '62

OILS AND FATS, EDIBLE

Kozin, N. I. [Practical handbook for the section: "Edible Fats and Oils"] Prakticheskoe rukovodstvo po razdelu Pishchevye zhiry Moskva, Mosk. ordena Trudovogo Krasnogo Znameni in-t narodnogo khoz. im G V Plekhanova, 1962. 75 p

OILSEEDS—PRICES

Payments and compensation from the budget. I. Karatsevt. Fin. SSSR 23 no. 9:78-80 S '62.

OINTMENTS

Moscow. Pervyi meditsinskii institut. Zaochnoe otdelenie farmatsevticheskogo fakul'teta. [Ointments, a textbook for correspondence students on the technology of preparing medicinal forms] Mazi, uchebnoe posobie po tekhnologii lekarstvennykh form dlia studentov-zaochnikov. 2, izd Moskva, 1962. 53 p. (DNLM)

Radiation sterilization of antibiotic preparations Report No. 6 Radiation sterilization of antibiotic ointments and ointment bases V. I. Pochapinskii Med prom 16 no 7 34-39 Jl '62

OKA TERRACE PRESERVE—FIELD MICE

Use of artificial bird nests by the yellow-throated mouse Apodemus flavicollis in the southern part of Moscow Province [with summary in English]. G N. Likhachev Zool zhur 41 no 8 1270-1271 Ag '62.

OKHOTSK, SEA OF—CYCLONES

Cyclonic action over the Sea of Okhotsk during the cold season. O. K. Il'inskii, M. V. Pogoreva. Trudy Dal'nevost. NIGMI no. 14, 34-63 '62.

OKHOTSK, SEA OF—FISHES

Akademiia nauk SSSR. Tikhookeanskii komitet. [Transactions of the Pacific Ocean Committee] Trudy. Moskva, Izd-vo Akad. nauk SSSR.
Pt. 6. Shmidt, P. IU. [Fishes of the Sea of Okhotsk] Ryby Okhotskogo moria. 1950. 370 p. xx tables.

OKHOTSK, SEA OF—WEATHER

Weather conditions over the Sea of Okhotsk in the cold season according to aerial survey data V. K. Petrenko Trudy Dal'nevost. MIGMI no. 14:61-67 '62

OKHOTSK SEA REGION—MERGANSERS

Merganser Mergus squamatus from the coastal area of the Sea of Okhotsk. V. D. IAkhontov. Priroda 51 no. 9 128 S '62.

OKTYBR'SKIY (MOSCOW PROVINCE)—TEXTILE INDUSTRY

According to one's own wish.... I. Bellinskii Sov. profsoiuzy 18 no. 16:25-26 S '62.

OLBIA (BORYSTHENES)—ARCHAEOLOGICAL SURVEYING

Underwater explorations in Olbia. V. D. Blavatskii. Sov. arkheol. 6 no. 3:225-234 '62.

OLBIA (BORYSTHENES)—VASES, GREEK

Lekythoi from the Olbian necropolis dating to the fifth and fourth centuries B. C. IU. I. Kozub Arkheologiia 14 116-131 '62.

OLD AGE

Akademiia meditsinskikh nauk SSSR, Moscow. [Problems of gerontology and geriatrics] Voprosy gerontologii i geriatrii. Leningrad, Medgiz, 1962. 270 p. (DNLM)

OLD-AGE HOMES
(see also subdivision under Rostov Province, Tomsk Province)

Statute on public councils at homes for the aged and physically handicapped. Sots. obesp. 23 no. 7:44-45 Jl '62.

We suggest. A. Vdovin, P. Burdin. Sots. obesp. 23 no. 7, 43 Jl '62.

OLD-AGE PENSIONS

Abrosimova, N. A. [Eligibility for old-age pensions when the term of creditable service is less than required by law] Pensii pri nepolnom stazhe. Moskva, Gosiurizdat, 1962. 67 p. (IUridicheskie konsul'tatsii dlia naselenia v voprosakh i otvetakh)

OLEFINS

Alkyl aryl sulfonates from normal olefinic hydrocarbons of shale oil S I. Faingol'd, R M. Tomson Khim i tekh topl. i masel. 7 no. 7 25-30 Jl '62

Topchiev, A. V., S. V. Zavgorodnii, and V. G. Kriuchkova. [Alkylation of organic compounds by olefins] Reaktsiia alkilirovaniia organicheskikh soedinenii olefinami. Moskva, Izd-vo Akad. nauk SSSR, 1962. 323 p.

OLENEK DELTA—ROCKS, SEDIMENTARY

Effect of facies conditions of sedimentation on diagenetic processes and catagenetic transformations. A. S. Zaporozhtseva. Trudy NIIGA 121:83-95 '62.

OLENEK VALLEY—BITUMEN—ANALYSIS

Chemical composition of bitumens of Permian and Cambrian sediments in the Olenek uplift. T. N. Kopylova. Trudy NIIGA 121:103-109 '62.

OLFACTORY NERVE

Distribution of nucleic acids, proteins and some of their functional groups in olfactory cells of vertebrates. A. A. Bronshtein. Tsitologiia 4 no. 1:118-126 Ja-F '62.

OLVINITES see subdivision under Kola Peninsula

OL'KHON ISLAND—ROCKS, CRYSTALLINE AND METAMORPHIC

Two stages in the metamorphism of Archean crystalline rocks on Ol'khon Island. I. M. Simanovich. Trudy VSGI Ser. geol. no. 5:129-136 '62.

OL'KHON ISLAND REGION—GEOLOGY

Archean stratigraphy and tectonics of the region of Ol'khon Island (western Lake Baikal region). A. S. Fskin. Trudy VSGI Ser. geol. no. 5:137-146 '62.

OLYMPIC GAMES

Without a mask; notes of a sports editor. M. Vasil'ev. Belarus' 19 no. 8:30 Ag '62.

OMAR KHAYYAM

Love the beauty of the earth. G. Trofilova. Nauka i rel. no. 6:47-52 Je '62.

OMISSION, CRIMINAL

Theoretical problems of legal omission. G. K. Matveev. Sov. gos. i pravo 32 no. 10:57-67 O '62.

OMSK PROVINCE—AGRICULTURAL WORKERS

Agriculturists on asphalt. Iu. Nikolaev. Mol. komm. no. 5:61-66 Je '62.

OMSK PROVINCE—BANKS AND BANKING

Why such complications? B. Shufchuk. Plan. khoz. 39 no. 10:78-79 O '62.

OMSK PROVINCE—CLAY

The chemical-mineralogical composition of clayey soil of Omsk deposits and its effect on the properties of keramzit. Z. I. Samoilenko. Izv. vys. uch. zav.; stroi. i arkhit. 5 no. 4:99-101 '62.

OMSK PROVINCE—COMMUNIST YOUTH LEAGUE

Rodionov, A. L. [History of the Omsk Communist Youth League from 1919 to 1923, lecturer's aids] Iz istorii Omskoi komsomol'skoi organizatsii, 1919-1923 gody, v pomoshch' lektoru. Omsk, Ob-vo po raspr. polit. i nauchn. znanii RSFSR 1961. 44 p. (MIR)

OMSK PROVINCE—LIBRARIES

The movement is spreading. L. Khrebtova. Bibliotekar' no. 10:32-33 O '62.

ONCOLOGY

Attempts at the radiosensitization of transplanted tumors using some pyrimidine derivatives [with summary in English]. R. I. Pol'kina, M. N. Bychenkova, L. I. Zaleskaia. Trudy Inst. onk. AMN SSSR no. 4:102-107 '62.

Kavetskyi, R. E. [Tumor and the body] Opukhol' i organizm. Kiev, Gosmedizdat USSR, 1962. 298 p. [With summary in English] (DNLM)

Problem of the drug radiosensitization of tumors [with summary in English]. N. V. Lazarev. Trudy Inst. onk. AMN SSSR no. 4:94-102 '62.

ONCOLOGY—CONGRESSES

Joint session of the Department of Biological Sciences of the Academy of Sciences of the U.S.S.R. and the Department of Medical and Biological Sciences of the Academy of Medical Sciences of the U.S.S.R. on the biological foundations of malignant growth. V. M. Mitiushin. Izv. AN SSSR. Ser. biol. 27 no. 4:636-639 Jl-Ag '62.

Outstanding event in science; Eighth International Congress on Cancer in Moscow. V. M. Bergoltts. Priroda 51 no. 7:120 Jl '62.

ONIONS

Characteristics of the phasic development and morphogenesis of common onion [with summary in English]. A. S. Kruzhilin, Z. M. Shvedskaia. Fiziol. rast. 9 no. 4:465-475 '62.

ONOMATOPOEIA

On the sound of a word. F. M. Golovenchenko. Uch. zap. MGPI 160:5-22 '61.

ONTOGENY

Group specific agglutinable properties of erythrocytes in the process of ontogenesis. L. N. Muravleva. Probl. gemat. i perel. krovi no. 6:21-24 '62.

ONTOGENY (BOTANY)

Kuperman, F. M. [Theory of individual development and ways of controlling the nature of the organism; lecture from a course in the biology of plant development] Teoriia individual'nogo razvitiia i puti upravleniia prirodoi organizma; lektsiia iz kursa "Biologiia razvitiia rastenii." Izd. 2., dop. i perer. [Moskva] Izd-vo Mosk. univ., 1962. 67 p.

OOGENESIS

"Oogenesis; the storage of developmental information" [in English] by Chi P. Raven. Reviewed by V. K. Tsitologiia 4 no. 4:1 of cover Jl-Ag '62.

OPALS see subdivision under Armenia

OPEN-HEARTH FURNACES
(see also subdivision under Lugansk)

Efficiency of the various variants for injecting compressed air into the fuel spray and the bath of large open-hearth furnaces. M. IA. Medzhibozhskii and others. Izv. vys. ucheb. zav., chern. met. 5 no. 8:35-43 '62.

History of the use of natural gas in open-hearth furnaces. N. N. Dobrokhotov. Met. i gornorud. prom. no. 4:16-18 Jl-Ag '62.

Mastering the operation of 600-ton open-hearth furnaces. IU. F. Voronov, I. S. Belokurov, V. E. Pron'kin. Met. i gornorud. prom. no. 3:11-17 My-Je '62.

OPEN-HEARTH FURNACES—DESIGN AND CONSTRUCTION

Optima types of refractories for the laying of all-basic open-hearth furnaces. V. S. Sakharov, M. I. IAmpol'skii. Met. i gornorud. prom. no. 3:40-42 My-Je '62.

Rapid method of laying open-hearth furnace checkerwork. A. I. Lekhtik. Metallurg 7 no. 8:18 Ag '62.

Use of unfired checker refractories. G. I. Antonov, M. M. Khil'ko. Met. i gornorud. prom. no. 1:37-40 My-Je '62.

OPEN-HEARTH FURNACES—EQUIPMENT AND SUPPLIES

Russia (1923- U.S.S.R.) Gosudarstvennyi komitet po delam stroitel'stva. [Standard specifications for the assembly of open-hearth furnace equipment (SN 151-61)] Tekhnicheskie usloviia na montazh oborudovaniia martenovskikh tsekhov (SN 151-61). Moskva, Gosstroiizdat, 1961. 30 p. [MICROFILM]

OPEN-HEARTH FURNACES—FOUNDATIONS

Using thin-walled mesh-reinforced concrete slabs or shells in industrial construction. M. Kovalenko, D. Miliukov, N. Astreinov. Prom. stroi. i inzh. soor. 4 no. 1:13-14 Jl-Ag '62.

OPEN-HEARTH FURNACES—MAINTENANCE AND REPAIR

Fritting new bottoms in open-hearth furnaces. V. P. Platonov and others. Metallurg 7 no. 8:14-16 Ag '62.

Rapid fritting of new bottoms in large-capacity open hearth furnaces. M. G. Kozhanov and others. Metallurg 7 no. 9:13-15 S '62.

Use of refractory blocks in the repair of open-hearth furnaces. A. S. Zalkind. Metallurg 7 no. 10:31-33 O '62.

OPEN-HEARTH PROCESS
(see also subdivision under United States)

Method of continuous determination of the rate of carbon dioxide evolution from open-hearth furnace baths. V. S. Kocho, V. I. Grankovskii. Met. i gornorud. prom. no. 1:69-70 Jl-Ag '62.

Steel desulfuration in basic open-hearth furnaces. A. P. Shabalin. Metallurg 7 no. 10:28-29 O '62.

OPEN-HEARTH PROCESS—HYGIENIC ASPECTS

Practices in improving working conditions in open-hearth furnace plants. M. E. Zhilo. Metallurg 7 no. 8:31-34 Ag '62.

OPEN-HEARTH PROCESS—STATISTICS see subdivision under Ukraine

OPERA see subdivision under Moscow

OPERATORS (MATHEMATICS)

Asymptotic value of approximation of functions by a family of linear operators. A. D. Gadzhiev, A. S. Dzhafarov, L. G. Labsker. Izv. AN Azerb. SSR. Ser. fiz.-mat. i tekh. nauk no. 3:19-28 '62.

Eigenvalues and singular numbers of the sum and product of linear operators. A. S. Markus. Dokl. AN SSSR 146 no. 1:34-36 S '62.

Integrability in square of the higher derivatives of the solution to Dirichlet's problem in the region of a piecewise smooth boundary. M. Sh. Birman, G. E. Skvortsov. Izv. vys. uch. zav.; mat. no. 5:12-21 '62.

Local properties of Mikusinskii's operators. I. I. Rubtsov. Izv. vys. ucheb. zav., mat. no. 3:143-150 '62.

New characteristics of continuity and complete continuity of integral operators in Orlicz spaces. IA. B. Rutitskii. Izv. vys. uch. zav.; mat. no. 5:87-100 '62.

Order of approximation of functions by a family of linear integral operators. A. S. Dzhafarov. Izv. AN Azerb. SSR. Ser. fiz.-mat. i tekh. nauk no. 3:3-18 '62.

Powers of a bounded dissipative operator. V. I. Matsaev, IU. A. Palant. Ukr. mat. zhur. 14 no. 3:329-337 '62.

Stability of solutions to differential operator equations in the case of continuous perturbations. R. Gabasov. Izv. vys. uch. zav.; mat. no. 5:29-38 '62.

Structure of a set of solutions to parabolic equations. M. A. Krasnosel'skii, P. E. Sobolevskii. Dokl. AN SSSR 146 no. 1:26-29 S '62.

OPTIC NERVE—DISEASES

Characteristics of the course and treatment of primary tabetic atrophy of the optic nerves [with summary in English]. L. I. Dolgikhova. Vest. derm. i ven. no. 8:61-65 '62.

Opticoencephalomyelitis syndrome in children [with summary in French]. T. N. Krupina. Zhur. nevr. i psikh. 62 no. 7:972-977 '62.

OPTICAL INSTRUMENTS

Light-signal device for checking ends. I. N. Petrov. Mashinostroitel' no. 9:25 S '62.

Measuring the reflecting capacity of surfaces of a light model in the presence of an absorbing medium. V. V. Ronchin. Izv. vys. uchb. zav. prib. 5 no. 3:127-131 '62.

Requirements of the manufacture and adjustment of an octahedron prism in gimbals. G. V. Pogarev. Izv. vys. ucheb. zav. prib. 5 no. 5:107-111 '62.

OPTICAL INSTRUMENTS—ABSTRACTS

[Photographic and motion-picture equipment and optical instruments] Ref. zhur. Otd. vyp. 48: Foto-kinoapp. i opt. prib. no. 10 O '62.

OPTICS—BIBLIOGRAPHY see Bibliography—Optics

ORANGE see subdivision under Sukhumi region

ORATORY see Public speaking

ORDUBAD DISTRICT—BATHOLITHS

Fractured tectonics of the contact-metasomatic belt of the southwestern part of the Megri-Ordubad batholith. S. A. Bektashi. Uch. zap. AGU, Geol.-geog. ser. no. 1:80-91 '60.

ORDUBAD DISTRICT—PYRITE CRYSTALS

Morphologic characteristics of pyrite crystals in the Gekgiumdurskoye deposit of the Nakhichevan A. S. S. R. Ch. D. Dzhafarov. Uch. zap. AGU, Geol.-geog. ser. no. 6:11-16 '59.

ORE DEPOSITS
(see also subdivision under Angren Valley; Chirchik Valley, Georgia, Korea, Siberia, Eastern; Trans-Ili Ala-Tau, Vietnam, North)

Blind ore belts. M. M. Konstantinov. Izv. AN SSSR. Ser. geol. 27 no. 9:18-26 S '62.

"History of the discovery of ore deposits in Russia" by A. A. Kuzin. Reviewed by G. D. Afanas'ev. Priroda 51 no. 7:90 Jl '62.

"Structural conditions governing the formation of ore deposits" by [A. N. Belevtsev. Reviewed by G. I. Alkovlev. Izv. AN SSSR. Ser. geol. 27 no. 9:108-111 S '62.

Supergene migration of ore components in various climatic regions. Sh. Sh. Bugel'skii. Kora vyvetr. no. 1:261-267 '62.

Theory of primary dispersion halos. N. I. Safronov. Trudy VITR no. 5:133-155 '62.

ORE DRESSING
(see also subdivision under Solikamsk)

Andreev, S. I., V. V. Zverevich, and V. A. Perov. [Crushing, milling, and screening minerals] Drobilenie, izmel'chenie i grokhocheanie poleznykh iskopaemykh. Moskva, Gosgortekhizdat, 1961. 384 p.

Concentrating manganese ore in a magnetic suspension in a hydrocyclone. G. M. Konol, I. F. Subbotin. Met. i gornorud. prom. no. 4:60-63 Jl-Ag '62.

"Design and operation of arrangements for tailings at dressing plants" by P. D. Lvdokimov. Reviewed by N. N. Moslov. Gidr. stroi. 32 no. 8:62 Ag '62.

Increase the economic efficiency of crushing iron ores underground. L. V. Kryzhov and others. Gor. zhur. no. 9:17-18 S '62.

Industrial production of final iron ore concentrates. V. I. Keramzin and others. Met. i gornorud. prom. no. 3:58-62 My-Je '62.

Secondary crushing methods in mining minerals. V. V. Kamenskii. Trudy Inst. gor. dela Sib. otd. AN SSSR no. 6: 3-10 '61.

Secondary crushing of rocks by the breaking method. G. V. Rodionov and others. Trudy Inst. gor. dela Sib. otd. AN SSSR no. 6:115-121 '61.

ORE DRESSING—CONGRESSES

Technical conference on high-grade concentration of Krivoy Rog basin iron ores. P. V. Samokhvalov. Met. i gornorud. prom. no. 4:87-89 Jl-Ag '62.

ORE DRESSING—EQUIPMENT AND SUPPLIES
(see also subdivision under Kadzharan)

Some layouts of units for crushing oversized ores under mine conditions. A. I. Fedulov, V. V. Kamenskii, G. M. Nosikov. Trudy Inst. gor. dela Sib. otd. AN SSSR no. 6: 123-130 '61.

Suspended unit for crushing oversized ores in open-pit mines. A. I. Fedulov and others. Trudy Inst. gor. dela Sib. otd. AN SSSR no. 6:131-136 '61.

OREL—BAPTISTS

In the same city. M. Mikhailov. Nauka i rel. no. 6:77-79 Je '62.

OREL PROVINCE—HYBRID CORN

Studying corn hybrids in the Central Black Earth belt [with summaries in English, German, and French]. M. A. Fedin. Vest. sel'khoz. nauki 7 no. 6:89-91 Je '62.

OREL PROVINCE—LIBRARIES, CHILDREN'S
Children's sections organized on a voluntary basis V Polianov Bibliotekar' no 9:53 s '62

OREL PROVINCE—STOCK AND STOCKBREEDING
More and cheaper A. Kondratenko Komsom. zhizn' no. 15 10-11 Ag '62

OREL REGION—RUSSIAN NEWSPAPERS
We have helped to achieve these results. A Golovko. Part. zhizn' no 20 73-74 O '62

ORENBURG PROVINCE—COMMUNITY AND SCHOOL
Following the example of Chita Province. L. Teplishina. Vech. sred. shkola 5 no. 3:23-25 My-Je '62.

ORENBURG PROVINCE—MICRO-ORGANISMS
Distribution of micro-organisms in the formation waters of the Volga Valley portion of Kuybyshev Province and adjacent areas [with summary in English]. V L Mekhtieva. Geokhimiia no. 8 707-719 '62.

ORES see subdivision under Kazakhstan

ORES—SAMPLING AND ESTIMATION
Application of varying statistics to technological sampling of iron quartzites V S Kharlamov Izv vys uch zav., gor zhur 5 no 6 188-193 '62

Mezhvuzovskoe soveshchanie v Sverdlovskom gornom institute im. V. V. Vakhrusheva, Sverdlovsk, 1960. [Methods of sampling ore deposits in prospecting and exploitation; materials] Voprosy metodiki opriobovaniia rudnykh mestorozhdenii pri razvedke i ekspluatatsii; materialy. Pod red. M. N. Al'bova. Moskva, Gosgeoltekhizdat, 1962. 221 p.

ORGANIC MATTER
Relations between the disseminated bitumen and gas composition and the oxidation-reduction characteristics of enclosing rocks. P. S Slavin, F. G. Kliachkina, V. I. Neverova. Geol. nefti i gaza 6 no. 8 50-52 Ag '62.

ORGANOMETALLIC COMPOUNDS
Interaction of diethyl aluminum hydride with diethyl compounds of Zn, Hg, Cd, and Mg I. I. Zakharkin, L. M Khorlina Zhur ob. khim. 32 no 9 2783-2785 S '62

Metallic derivatives of diacetylsemicarbazone oxime. A V Ablov, N. I Bellchuk Zhur neorg khim 7 no. 9, 2061-2065 S '62.

Reaction of di-p-aminophenylmercury, dibenzylmercury, di-p-methoxyphenylmercury, and di-p-tolylmercury with metals (Fe, Cu, Al, Zn). Part 12. V F Mastynova Zhur ob. khim 32 no. 8 2702-2705 Ag '62

ORGEYEV DISTRICT—AGRICULTURE—LABOR PRODUCTIVITY
There where the fate of abundance is being decided. I. Petkov. Mol. komm. no. 6:41-46 Je '62.

ORIENT see East

ORIENTAL LITERATURE
"By the road of peace." Reviewed by V. Evgen'ev. Az. i Afr. seg. no. 9:40 S '62.

ORIENTATION (ARCHITECTURE) see subdivision under Russia, Southern

ORNITHOSIS
Pneumonia in ornithosis. IU. A. Il'inskii. Klin. med. no. 12 96-99 '61.

ORSHA—FLAX INDUSTRY
The most important problem. K. Nikulina. Rab i sial 38 no. 9 2 S '62.

ORTHODONTIA
"Orthopedic stomatology" by A. I Betel'man. Reviewed by I. S Rubinov Stomatologiia 41 no. 4 101-103 Jl-Ag '62.

IRCH
humanism" by P. K. Kurochkin. in. Nauka i rel. no 9. 90-91

Church and of the unity of Zhur. Mosk Patr. no. 8:48-

RCH—CLERGY
d. Zhur. Mosk. Patr. no. 8·

Patr. no. 8:13 Ag '62.

RCH—DOCTRINAL AND S
ure on the Dogma of the Re- 44. P. Gneditch. Zhur. Mosk 62.

RCH—LITURGY AND RITUAL
llevers on the Orthodox Church, is. A. Chertkov. Nauka i rel

RCH—PERIODICALS see h; Rumania

RCH—RELATIONS
rch Mission. Archimandrite . no. 8:33-34 Ag '62.

Visit to Moscow by the head of the Anglical Church. Zhur. Mosk. Patr no. 8:13 Ag '62

ORTHODOX EASTERN CHURCH, UKRAINIAN—CATECHISM AND CREEDS
Mikhail, Apb of Toronto and Eastern Canada. [Enlarged catechism of the Orthodox Church for secondary school] Poshyrenyi katekhyzys Pravoslavnoi tserkvy Khrystovoi dlia serednikh shkil Munich, 1946 142 p. (NNC)

ORTHOGONAL FUNCTIONS see Functions, Orthogonal

ORTHOGONAL SERIES see Series, Orthogonal

ORTHOPEDIC APPARATUS see subdivision under Sverdlovsk

ORTHOPEDIC NURSING
Care of patients with congenital deformities. A.P. Shoblin, V. IA Moshkin. Fel'd. i akush. 27 no. 7 11-50 Jl '62.

ORTHOPEDIC SOCIETIES see subdivision under Leningrad

OSCILLATIONS
Evolving steady-state solutions for certain oscillatory systems with one degree of freedom. P. I. Baltzybaev Ukr. mat. zhur 14 no. 3:340-348 '62.

Interaction between laser radiation and oscillating surfaces. G. A. Askar'ian. Zhur. eksp. i teor. fiz. 42 no. 6:1672-1673 Je '62.

Resonance phenomena in quasi-linear oscillatory systems with retarded arguments V. P Rubanik. Izv. vys. uch. zav., mat. no. 5:75-86 '62.

OSCILLATORS, ELECTRIC
Phase stabilization in pulse-type self-oscillators V. I Grigulevich. Elektrosviaz' 16 no. 8:13-19 Ag '62.

Signal generators and reference signal generators. Radio no. 9:59-60 S '62.

Synchronization of a pulse-type self-oscillator in linear operation. V. I. Grigulevich Elektrosviaz' 16 no 9: 26-32 S '62.

OSCILLATORS, ELECTRON-TUBE
Author's reply M K Belkin Izv vys uchеb. zav., radiotekh. 5 no 3 414 My-Je '62

Comparison of fixed frequencies using an interpolation oscillator. A. I Finkelstein Radiotekhnika 17 no. 10:62-70 O '62.

Concerning M K. Belkin's article "Problem concerning the noise level in regeneration." V P Lesauskis, K M Baltsauskas, Izv vys. uchеb. zav., radiotekh 5 no 3 412-413 My-Je '62

Concerning the operation of synchronization devices in the presence of large noise. V. I Tikhonov, A. G. Zhuravlev. Radiotekhnika 17 no. 9:40-46 S '62.

Electronic very-low frequency oscillator with a relay control device. A. A. Vavilov, A. I. Solodovnikov. Izv. vys. uchеb. zav., prib. 5 no. 1.31-39 '62.

Imitator of the signals of nuclear magnetic resonance B. M. Zhiriakov, A. I. Larkin Avtom i telem., sbor st no 2 95-99 '62

Khmel'nitskii, E. P. [Operation of an electron-tube oscillator with a delayed circuit] Rabota lampovogo generatora na rasstroennyi kontur. Moskva, Sviaz'izdat, 1962. 109 p.

Nanosecond pulse generator with nonlinear delayed feedback. IU K. Bogatyrev Izv vys. uchеb. zav., radiotekh 5 no 3:399-402 My-Je '62

Returning of the frequency of generators. F. Barsukov. Radio no. 9:51-52 S '62.

OSCILLATORS, TRANSISTOR
A simple shortwave signal generator. A. Shakhrianov. Radio no. 9:19 S '62.

Single-stage RC-generator with a bridge phase-shifting network. V. G. Bondarenko. Elektrosviaz' 16 no. 9: 14-25 S '62.

A transistorized audio generator. B. Khokhlov. Radio no. 9:49-50 S '62.

OSCILLOGRAPH
Oscillograph unit of the time service at the Astronomical Observatory of the Leningrad State University for the reception of radio signals [with summary in English]. IU. A. Razzhivin. Uch. zap. LGU no. 307:230-233 '62.

Using the PO-7 oscillograph in recording single rapidly moving processes. E. F. Akulov, V. V. Kamenskii. Trudy Inst. gor. dela Sib. otd. AN SSSR no. 6:95-97 '61.

OSCILLOGRAPHY
Time transducer for low-speed plotting by MPO-2 oscillograph. IU. Z. Borkovskii. Trudy Inst. chern. met. AN URSR 18:95-96 '62.

OSH PROVINCE—AGRICULTURE
Grechko, V. V. [Agriculture in Osh Province, economic and geographic characteristics] Sel'skoe khoziaistvo Oshskoi oblasti; ekonomiko-geograficheskaia kharakteristika. Frunze, Izd-vo Akad. nauk Kirgizskoi SSR, 1962. 73 p.

OSH PROVINCE—ECONOMIC GEOGRAPHY
The Osh economic and geographical region. A. S. Shorin. Izv. AN Kir. SSR. Ser. est. i tekh. nauk 3 no 5:5-30 '61.

OSIPOVA, TAT'IANA FEDOROVNA
Tat'iana Fedorovna Osipova. Med. sestra 21 no. 8: 54-55 Ag '62.

OSMIUM COMPOUNDS
Complex halide compounds of osmium (IV) with pyrazolone derivatives. A I Busev, V. K Akimov Zhur. neorg khim 7 no 9.2071-2077 S '62

OSSETIA, NORTH—GRANITE
Age of granites of the Sadon-Fiagdon region (Caucasus). M. A. Savchenko, B B. Zaidys. Geol. zhur. 22 no 4: 105-106 '62.

OSSIFICATION
Heterotopic osteogenesis and the problem of the regeneration of bone tissue A. A. Kozh. Ortbop., travm. i protez. 23 no 6 50-57 Je '62.

OSTEITIS FIBROSA
Case of fibrous dysplasia of the jaws. N P Belyi Stomatologiia 41 no 4 55-57 Jl-Ag '62

OSTEOMYELITIS
Acute hematogenic osteomyelitis with total sequestration of the left innominate bone in a child. A A Agafonov. Kaz. med. zhur no 3 58-59 My-Je '62.

Case history of osteomyelitis of the jaws in children. V G. Solodova. Stomatologiia 41 no 4:62-64 Jl-Ag '62

Osteomyelitis of the maxilla in the newborn and nursing children M. M. Solov'ev. Stomatologiia 41 no. 4:64-67 Jl-Ag '62

OSTEOPLASTY see Bone grafting

OSTRACODA, FOSSIL see subdivision under Karaganda Basin; Kuznetsk Basin, Transcarpathia

OSTROVSKII, ALEKSANDR NIKOLAEVICH, 1823-1886
A. N. Ostrovskii's play on the old Russian theater. N. V Vodovozov Uch. zap. MGPI 178:53-66 '62.

Roviakin, A. I. ["Storm" by A. N. Ostrovskii, handbook for teachers] Groza A. N. Ostrovskogo, posobie dlia uchitelei. Izd. 3., ispr. i dop. Moskva, Uchpedgiz, 1962. 334 p.

OTORHINOLARYNGOLOGY
Some problems in the organization of emergency otorhinolaryngological aid. M. I. Vol'fkovich. Vest. otorin. no. 5 4-8 '62.

OTORHINOLARYNGOLOGY—EQUIPMENT AND SUPPLIES
Sound-ruler for measuring the length of the prosthesis in stapes surgery. N. A. Preobrazhenskii. Vest. otorin. no. 5:75-78 '62.

OUTBOARD MOTORS
Starter-generator on the "Moskva" outboard motor. I. Kiselev. Voen. znan. 38 no. 9:32-33 S '62.

OUTER SPACE—EXPLORATION see subdivision under United States

OVARIES—DISEASES
Bilateral apoplexy of the ovaries. A. A. Vasil'ev. Kaz med. zhur. no 3 61-63 My-Je '62

OVARIES—TUMORS
Materials on the problem of the bilateral lesion of the ovaries by a tumorous process [with summary in English]. I. D. Nechaeva Trudy Inst. onk. AMN SSSR no 4 83-90 '62

OVARIES (BOTANY)
One interesting characteristic of the ovary of Trochodendron aralioides Sieb. et Zucc. N. V. Pervukhina. Bot. zhur. 47 no. 7:993-995 Jl '62.

OVERCOATS see Coats

OXAMIDE
Oksazil, a preparation for treating myasthenia and other movement disorders. B. A. Medvedev. Med. prom. 16 no. 5:51-56 My '62.

OXAZOLECARBOXYLIC ACID
Compounds with a potential antitubercular activity. Part 4 N-substituted thioamides of 4-oxazolecarboxylic acids. T P Sycheva, T Kh. Trupp, M. N. Shchukina Zhur. ob khim 32 no. 9:2882-2885 S '62

OXIDATION
Alkaline oxidation of isopropylbenzene. Part 3: Some kinetic regularities of the process of oxidation in alkaline media. V. A Simanov, M. S. Nemtsov. Zhur. ob khim. 32 no 9 2914-2918 S '62.

Alkaline oxidation of isopropylbenzene. Part 4: Effect of by-products of oxidation of isopropylbenzene. V. A. Simanov, M. S. Nemtsov. Zhur. ob. khim. 32 no. 9: 2919-2925 S '62.

Alkaline oxidation of isopropylbenzene. Part 5: Effect of sulfur compound impurities. V. A. Simanov, M. S. Nemtsov. Zhur. ob khim 32 no. 9:2925-2929 S '62

Effect of halogen admixtures on the specific activity of silver in the oxidation of ethylene. A. A. Belaia, M. IA. Rubanik. Dokl. AN SSSR 146 no. 1:89-92 S '62.

Mechanism of the oxidation of paraffinic hydrocarbons in the liquid phase. V. A. Sidorov. Khim. prom. no 7: 490-495 Jl '62.

OXIDATION (Continued)

Refining and fractionation of mixtures of saturated dicarboxylic acids produced by oxidation of kerogen in kukersite [with summary in English]. I. Pobul', A. Fomina. Izv. AN Est SSR. Ser. fiz.-mat. i tekh. nauk 11 no. 3:204-211 '62.

Synthesis and autoxidation of isopropylcyclohexylbenzene. I. N. Novikov and others. Zhur. ob. khim. 32 no. 9: 2954-2957 S '62.

OXIDATION-REDUCTION REACTION

Oxidation-reduction characteristics of plants during the vernalization and light stages [with summary in English]. F. IA. Mekhanik. Zhur. ob. biol. 23 no. 4: 265-275 Jl-Ag '62.

Relations between the disseminated bitumen and gas composition and the oxidation-reduction characteristics of enclosing rocks. P. S. Slavin, I. G. Klimchkina, V. I. Neverova. Geol. nefti i gaza. 6 no. 8: 50-52 Ag '62.

OXIMES

Complex compounds of trivalent cobalt with α-benzyldioxime. A. V. Ablov, G. P. Syritsova. Zhur. neorg. khim. 7 no. 9: 2066-2070 S '62.

Metallic derivatives of dimethylglyoximebenzone oxime. A. V. Ablov, N. I. Belichuk. Zhur. neorg. khim. 7 no. 8: 2061-2065 S '62.

OXYACETYLENE WELDING see Gas welding and cutting

OXYGEN

Cross section of gamma-quantum absorption by O^{16} nuclei in the range of giant resonance [with summary in English]. N. A. Burgov and others. Zhur. eksp. i teor. fiz. 43 no. 1: 70-78 Jl '62.

Effect of nucleon - surface interaction on the photodisintegration of the O^{16} nucleus. N. P. Il'in. Izv. AN SSSR. Ser. fiz. 26 no. 9: 1222-1224 S '62.

Photodisintegration of oxygen. Part 1 [with summary in English]. A. N. Gorbunov, V. A. Ospova. Zhur. eksp. i teor. fiz. 43 no. 1: 10-50 Jl '62.

OXYGEN—INDUSTRIAL APPLICATIONS

Efficiency of the oxygen-blown converter process of steelmaking. I. I. Kobylinkov. Izv. vys. ucheb. zav., chern. met. 5 no. 8: 200-206 '62.

Making pipe steel in converters with top oxygen feed. S. T. Zotkov. Met. i gornorud. prom. no. 3: 17-18 My-Je '62.

New use of oxygen in arc furnaces [from foreign journals]. Z. Klochkova. Metallurg 7 no. 9: 39 S '62.

OXYURIASIS

Treatment of enterobiasis. V. A. Kolodiznev. Vop. okh. mat. i det. 7 no. 8: 85 Ag '62.

OYSTERS, FOSSIL

Critical study of the Gryphaea brongniarti Bronn group [with summary in English, p. 170]. O. S. Vialov. Paleont. sbor. [Lvov] no. 1: 3-18 '61.

OZONE

Leningrad. Glavnaia geofizicheskaia observatoriia. [Data on the chemical composition of atmospheric precipitation and total ozone content on the atmosphere at various points of the U. S. S. R., materials of the International Geophysical Year and International Geophysical Cooperation for 1957-1959] Dannye po khimicheskomu sostavu atmosfernykh osadkov i obshchemu soderzhaniiu ozona v atmosfere v razlichnykh punktakh SSSR; materialy MGG i MGS za 1957-1959 gg. Leningrad, Gidrometeoizdat, 1961. 81 p.

PACIFIC OCEAN—JET STREAM

Some characteristics of jet streams over the northwestern part of the Pacific Ocean in the summer of 1960. I. A. Leskova. Trudy Dal'nevost. NIGMI no. 14: 30-33 '62.

PACIFIC OCEAN—POLYCHAETA

Polychaetes from three abyssal trenches of the Pacific Ocean [with summary in English]. R. IA. Levenshtein. Zool. zhur. 41 no. 8: 1142-1148 Ag '62.

PACIFIC OCEAN—SAURY

Illumination above the water in fishing saury. I. A. I. A. Semenov. Ryb. khoz. 38 no. 8: 45-51 '62.

PACKED TOWERS

Certain regularities of hydraulics and mass transfer in packed pulse columns. A. M. Rozen and others. Ekstr.; teor., prim., app. no. 2: 320-338 '62.

Effectiveness of regular packings in the rectification of water. V. A. Maliusov and others. Khim. prom. no. 7: 518-529 Jl '62.

PACKING (MECHANICAL ENGINEERING)

Classification of packing devices. V. A. Zotov. Standartizatsiia 26 no. 9: 17-21 S '62.

PACKING FOR SHIPMENT

All-Union state standard for packing cases for window glass. Biul. stroit. tekh. 19 no. 3: 24-26 Mr '62.

Using reed grass for packing glass containers in boxes. M. M. Dykalo. Khar. prom. no. 2: 63 Ap-Je '62.

PADERIN, I. G.

"When the flowers bloom on stones" by I. G. Paderin. Reviewed by V. Il'in. Sov. profsoiuzy 18 no. 18: 44-45 O '62.

PAIN

Problem of pain. V. L. Levi. Med. sestra 21 no. 8: 21-24 Ag '62.

PAINT MATERIALS

Qualitative changes in the balance of paint raw materials. V. N. Sannikov. Trudy KhPI 22 no. 2: 67-81 '59.

Reibman, A. I. [New lacquer and paint materials and advanced methods of their application, review] Novye lakokrasochnye materialy i progressivnye metody ikh primeneniia, obzor. Leningrad, 1962. 91 p.

PAINTERS, FRENCH

Venturi, Lionello. [From Manet to Lautrec. Translated from the Italian] Ot Mane do Lotreka. Pod red. A. G. Gabrichevskogo. Moskva, Izd-vo inostr. lit-ry, 1956. 130 p.
(CU)

PAINTING, INDUSTRIAL

G. A. Urasov's crew of painters uses an ultrasonic emulsifier. V. I. Ugliskii. Transp. stroi. 12 no. 8: 8-9 Ag '62.

Overall mechanization of the painting shop at the Moscow Manometer Plant. I. P. Bilukov, L. I. Kuturova. Priborostroenie no. 9: 24-25 S '62.

PAKISTAN—CONSTITUTION

The new Constitution of Pakistan. L. M. Gudoshnikov. Sov. gos. i pravo 32 no. 10: 129-133 O '62.

PAKISTAN—ECONOMIC POLICY

India, Pakistan, and the "Common Market." M. Nikolaev. Az. i Afr. segodnia no. 9: 55-56 S '62.

PAKISTAN—RELATIONS (GENERAL) WITH THE UNITED STATES

"Quiet Americans" in Pakistan. M. A. Rahman. Nov. vrem. 20 no. 44: 12-13 O '62.

PALATE, CLEFT see Cleft palate

PALEOBOTANY see subdivision under Dnieper Valley

PALEOBOTANY, STRATIGRAPHIC see subdivision under Cracow region; Kazakhstan, Krasnoyarsk region, Kuybyshev Province, Siberia; Siberia, Eastern; Transbaikalia; Transcarpathia, Tunguska Basin

PALEOCLIMATOLOGY see subdivision under Ukraine

PALEOGEOGRAPHY see subdivision under Soviet Central Asia, Ukraine

PALEOGEOGRAPHY—MAPS
(see also subdivision under Altai Mountains, China; Sayan Mountains)

Methods for compiling paleogeographical maps. A. V. Khabakov. Trudy VSEGEI 72: 3-20 '62.

PALEONTOLOGY
(see also subdivision under Japan)

List of reports made at the meetings of the Lvov Department of the All-Union Paleontological Society and the Paleontological Section of the Lvov Geological Society in 1959 and 1960. L. V. Ivanova. Paleont. sbor. [Lvov] no. 1: 164-165 '61.

Vsesoiuznoe paleontologicheskoe obshchestvo. [Importance of the biosphere in geological processes. Problems of the interrelation of paleontology and tectonics; transactions] Znachenie biosfery v geologicheskikh i tektonikl; trudy V i VI sessii Vsesoiuznogo paleontologicheskogo obshchestva. Moskva, Gosgeoltekhizdat, 1962. 247 p.

PALEONTOLOGY—CONGRESSES

International Paleontological Conference in Paris, 1961. IU. A. Orlov. Paleont. zhur. no. 3: 138-143 '62.

PALEONTOLOGY, STRATIGRAPHIC
(see also subdivision under Tomsk region)

Paleontological and paleobiogeographical methods of studying the biostratigraphy of Quaternary sediments. S. L. Troitskii. Trudy NIIGA 121: 126-129 '62.

Principles of biostratigraphic synchronization. L. L. Khalfin. Trudy SNIIGGIMS no. 8: 5-26 '60.

PALESTINE—HISTORY

Bazili, K. M. [History and political status of Syria and Palestine under Turkish rule] Sirila i Palestina pod Turetskim pravitel'stvom v istoricheskom i politicheskom otnosheniiakh. Moskva, Izd-vo vostochnoi lit-ry, 1962. 325 p.

PALYNOLOGY
(see also subdivision under Black Sea region; Kargasok District; Turukhan Valley; Volga Valley; West Siberian Plain; Yartsevo District)

Some palynological data on introgressive hybridization. D. B. Arkhangel'skii. Bot. zhur. 47 no. 7: 1025-1030 Jl '62.

PALYNOLOGY—CONGRESSES

Preparation of the Interdepartmental Conference on the Taxonomy and Nomenclature of Fossil Spores and Pollen. N. A. Bolkhovitina and others. Paleont. zhur. no. 3: 130-135 '62.

PAMIRS—FALCONS

Nidification of the kestrel (Falco tinnunculus tinnunculus L.) in the Pamirs [with summary in English]. R. L. Potapov. Zool. zhur. 41 no. 8: 1265-1266 Ag '62.

PAMIRS—FAULTS (GEOLOGY)

Kara-Tau - Pamir deep fault. D. Kh. Iakubov, O. M. Borisov. Uzb. geol. zhur. 6 no. 4: 19-21 '62.

PANAMA CANAL

When the beast of prey was young. M. Okuneva. Mezhdunar. zhizn' 9 no. 10: 78-85 O '62.

PANARIS see Felon (Disease)

PANCREAS

Disorder of the function of the pancreas in diseases of the liver and biliary tract. N. A. Birg. Kaz. med. zhur. no. 3: 19-21 My-Je '62.

PANCREAS—INNERVATION

Effect of the removal and denervation of the pancreas on interoceptive reflexes affecting the sugar content of the blood. B. G. Kuznetsov. Izv. AN Azerb. SSR. Ser. biol. i med. nauk no. 5: 93-100 '62.

PANCREAS—NECROSIS

Hemorrhagic pancreatic necrosis as a thromboembolic complication in myocardial infarction. K. F. Vlasov. Klin. med. 40 no. 8: 130-136 Je '62.

PANCREAS—TUMORS

Hormonally active β-cell tumors of the islands of the pancreas [with summary in English]. F. G. Uglov, A. V. Gubareva. Klin. med. 40 no. 6: 42-51 Je '62.

PANKRATOVA, STEFANIDA ANDREEVNA, 1911-

Stefanida Andreevna Pankratova. Med. sestra 21 no. 9: 51-52 S '62.

PANOVA, VERA FEDOROVNA, 1905-

Ploikin, L. A. [The work of Vera Panova] Tvorchestvo Very Panovoi. Moskva, Sovetskii pisatel', 1962. 220 p.

Theme with variations. IU. Volchek. Teatr 23 no. 9: 61-65 S '62.

PAPACY—HISTORY

"History of the Papacy" by S. G. Lozinskii. Reviewed by M. Zaborov. Nauka i rel. no. 8: 92-93 Je '62.

PAPADOPULO-KERAMEVS, AFANASII IVANOVICH, 1856-1912

A. I. Papadopulo-Karameva and his works. E. Karmanov. Zhur. Mosk. Patr. no. 8: 72-77 Ag '62.

PAPER

Manufacture of machine-coated chalk overlay paper with a single-process method. M. G. Smirnova, L. I. Polunova. Bum. prom. 37 no. 9: 25-27 S '62.

PAPER CHROMATOGRAPHY

Quantitative determination of α-keto acids in the blood by the method of paper chromatography. IU. M. Ostrovskii, V. A. Zhmakina. Lab. delo 8 no. 8: 10-11 Ag '62.

Separation of 3,5-dinitrobenzoates of brandy alcohols by the method of paper partition chromatography. I. A. Egorov, A. K. Rodopulo. Dokl. AN SSSR 146 no. 1: 210-212 S '62.

PAPER-CUTTING MACHINES

Machine for cutting wax paper. L. I. Okuglov. Mashin.-zhir. prom. 28 no. 9: 36-38 S '62.

PAPER INDUSTRY
(see also subdivision under Dobrush)

High-yield straw pulp. V. E. Slobodianiuk, M. M. Kozlova. Bum. prom. 37 no. 9: 24-25 S '62.

Publishers and printers expect high-quality production from paper manufacturers. G. E. Shaposhnikov. Poligr. proizv. no. 9: 3-5 S '62.

PAPERBOARD

Shcheglov, I. M. [Continuous grinding of fibrous raw materials] Nepreryvnyi razmol voloknistogo syr'ia. Moskva, Goslesbumizdat, 1962. 170 p.

PAPERMAKING MACHINERY

[Equipment and technology of the printing industry] Ref. zhur. Otd. vyp. 37: Obor. i tekh. poligr. proizv. nos. 18-20 S-O '62.

"Shafts of the papermaking and finishing machines" by I. IA. Didlin. Reviewed by P. P. Dobrovol'skii. Bum. prom. 37 no. 6: 31 S '62.

PAPERMAKING MACHINERY—TESTING

Effect of the clearances between the blades of an open wheel and body on the characteristics of the pulp for paper manufacture. A. M. Litvinenko. Bum. prom. 37 no. 9: 23 S '62.

PARACHUTE TROOPS

The general and the soldiers. M. L'vov. Sov. voin 44 no. 19: 4-6 O '62.

PARAFFIN WAX
(see also subdivision under Tatar A. S. S. R.)

Controlling the deposition of solid matter in petroleum production. I. Z. Salatinian, V. M. Fokeev. Nauch.-tekh. sbor. po dob. nefti no. 16: 88-93 '62.

Effect of pressure decline and free gas separation on the rate of wax precipitation in pipes. I. Z. Salatinian, V. M. Fokeev, G. F. Trebin. Nauch.-tekh. sbor. po dob. nefti no. 15: 91-94 '61.

PARAFFINS

Equilibrium of water in light paraffin hydrocarbons in the vapor phase at high pressures. O. N. Atroshkovich. Trudy Inst. isp. gaza AN USSR 9 13-20 '61

Mechanism of the oxidation of paraffinic hydrocarbons in the liquid phase. V. A. Sidorov. Khim. prom. no. 7: 490-495 Jl '62.

On the existence of aci-forms of 1,1-dinitroalkanes and trinitromethane. S. S. Novikov and others. Dokl. AN SSSR 146 no. 1:104-106 S '62

Using pyrolusite ore as catalyst in the oxidation of paraffin. I. E. Rusinov, V. I. Babaev. Masl.-zhir. prom. 28 no. 9:16-17 S '62.

PARAFFINS—THERAPEUTIC USE

Treatment of parodontosis with paraffin applications. T. S. Abkariants. Stomatologiia 41 no. 4:56 Jl-Ag '62.

PARAGENESIS see subdivision under Kola Peninsula

PARALYSIS, FACIAL

Immediate and late results of surgery in paralysis of the facial nerve. M. A. Shuster. Vest. otorin. no. 5: 52-57 '62.

PARALYSIS, SPASTIC

Clinical variants of familial spastic paraplegia [with summary in French]. S. N. Davidenkov, A. M. Ponomarenko, T. L. Shalagina. Och. klin. nevr. no. 1:23-38 '62

Mental characteristics of children suffering from Little's disease [with summary in French]. E. I. Kirichenko. Zhur. nevr. i psikh. 62 no. 7:1062-1066 '62.

Theory of Bechterew's hemitonia [with summary in French]. T. I. Shalagina. Och. klin. nevr. no. 1:101-114 '62

PARAMAGNETIC RESONANCE AND RELAXATION

Effect of cross-relaxation on population inversion in ruby [with summary in English]. D. N. Klyshko, V. S. Tumanov, L. A. Ushakova. Zhur. eksp. i teor. fiz. 43 no. 1:25-30 Jl '62

Electron paramagnetic resonance of Co^{2} ions in corundum [with summary in English]. G. M. Zverev, N. G. Petelina. Zhur. eksp. i teor. fiz. 42 no. 5:1186-1190 My '62.

Electron paramagnetic resonance of Cr^{3+} in $K_2 Zn(SO_4)_2 \cdot 6H_2O$. L. D. Arkhangel'skaia and others. Fiz. tver. tela 4 no. 9:2530-2533 S '62.

Electron paramagnetic resonance of Cr^{5+} in glasses. N. S. Garif'ianov, Fiz. tver. tela 4 no. 9 2450-2453 S '62.

Electron paramagnetic resonance in dilute vanadyl chloride solutions [with summary in English]. N. S. Garif'ianov and others. Zhur. eksp. i teor. fiz. 42 no. 5: 1145-1148 My '62.

Temperature dependence of spin-lattice relaxation times [with summary in English]. A. A. Manenkov, A. M. Prokorov. Zhur. eksp. i teor. fiz. 42 no. 5:1371-1371 My '62.

Theory of cross relaxation in paramagnetic crystals. V. S. Tumanov. Fiz. tver. tela 4 no. 9 2419-2425 S '62.

Theory of spin-lattice relaxation in paramagnetics with strong exchange interactions. A. K. Moiseha. Fiz. tver. tela 4 no. 9:2297-2305 S '62.

PARAMECIUM

Conjugation processes in Paramecium putrinum Clap. et Lachm. Report No. 2: Apomictic reorganization cycles and the system of mixotypes. A. V. IAnkovskii. Tsitologiia 4 no. 4:444-144 Jl-Ag '62

Processes of conjugation in Paramecium putrinum Clap. et Lachm. Report No. 3. Multiple system of mating types in P. putrinum [with summary in English]. A. V. IAnkovskii. Zhur. ob. biol. 23 no. 4 276-282 Jl-Ag '62.

PARASITES—BIRDS see subdivision under Kara Kum Canal region

PARASITES—CALVES

Treatment of neoascariasis in calves using sodium fluosilicate. V. I. Afanas'ev. Trudy Rost. NIVS no. 12:270-271 '60.

PARASITES—CARP

Bothriocephaliasis in carp and measures for its control. M. F. Vol'khol, N. P. Shcherban'. Visnyk sil'hosp. nauky 5 no. 8:115-117 Ag '62.

PARASITES—DOGS

Differential diagnosis of taeniids in dogs and of the helminthiases caused by them using immunological reactions. S. A. Azhinov. Trudy Rost. NIVS no. 12:257-261 '60.

PARASITES—DUCKS
(see also subdivision under Kandalaksha Bay; Rostov Province)

Bilharziosis in ducks. N. T. Lytvyshko, IA. P. Pustovar. Visnyk sil'hosp. nauky 5 no. 8:102-105 Ag '62.

Petrochenko, V. I., and G. A. Kotel'nikov. [Using ponds and streams for raising waterfowl and the prevention of helminthiases] Ispol'zovanie vodoemov dlia vyrashchivaniia ptitsy i profilaktika gel'mintozov, Moskva, Izd-vo M-va sel'khoz. RSFSR, 1962. 137 p. (DNAL)

PARASITES—FISHES see subdivision under Konchozero, Lake, Pertozero, Lake

PARASITES—GEESE

Petrochenko, V. I., and G. A. Kotel'nikov. [Using ponds and streams for raising waterfowl and the prevention of helminthiases] Ispol'zovanie vodoemov dlia vyrashchivaniia ptitsy i profilaktika gel'mintozov Moskva, Izd-vo M-va sel'khoz. RSFSR, 1962. 137 p. (DNAL)

PARASITES—MAMMALS see subdivision under Karelia

PARASITES—MAN

Behavior of horseflies during bloodsucking and the effect of their saliva on man. A. S. Lutta. Trudy Kar. fil. AN SSSR no. 30 186-191 '61.

PARASITES—MOLLUSKS see subdivision under Kandalaksha Bay

PARASITES—POULTRY

Characteristics of individual variability and survival rate of the acuthelminth Heterakis gallinae in different population densities [with summary in English]. M. I. Savchenko. Zhur. ob. biol. 23 no. 4 318-319 Jl-Ag '62.

PARASITES—SALMON

Malachite green and formalin as effective means for controlling Trichodina. E. A. Bogdanova. Ryb. khoz. 38 no. 8 30-31 '62

PARASITES—SHEEP

Our experience with the surgical treatment of coenurosis in sheep. N. T. Sergeev. Trudy Rost. NIVS no. 12:277-278 '60.

Use of ditrazine against dictyocaulosis in sheep. S. A. Azhinov, I. E. Kitvoshta, G. S. Khrapov. Trudy Rost. NIVS no. 12:272-273 '60.

Vermifugal treatment of sheep with intestinal cestodiasis by feeding them a mixture of salt with copper sulfate. B. Shonov. Vest. sel'khoz. nauki [Kazakh.] 5 no. 7:68-73 D '62

PARASITES—SUSLIKS see subdivision under Nebit-Dag region

PARASITES—SWINE see subdivision under Azov District (Rostov Province)

PARASITES—WATER BIRDS see subdivision under Khanka, Lake

PARASITOLOGICAL RESEARCH see subdivision under Karelia

PARASITOLOGY—DICTIONARIES

Chelbotarev, R. S., and IU. B. Rainer. [Short dictionary of parasitology] Kratkii parazitologicheskii slovar'. Pod obshchei red. Kh. S. Goreglada. Minsk, Gos. izd-vo sel'khoz. lit-ry BSSR, 1962. 320 p.

PARASYMPATHETIC NERVOUS SYSTEM see Nervous System, Parasympathetic

PARATYPHOID FEVER

Effect of an Alfortia invasion on the course of salmonellosis (paratyphoid) caused by S. abortus equi in young horses under experimental and natural conditions. P. A. Vellichkin. Trudy Rost. NIVS no. 12:279-286 '60.

Late results of Widal's reaction in those recovering from typhoid and paratyphoid diseases following treatment with antibiotics [with summary in English]. IU. M. Mikhailova, R. D. Bublikova. Antibiotiki 7 no. 8 761-764 Ag '62.

PARENT AND CHILD

Lavrov, A. S., and O. A. Lavrova. [Comrade child] Tovarishch rebenok. Moskva, Izd-vo "Znanie," 1962. 61 p. (Novoe v zhizni, nauke, tekhnike. XI Seriia: Pedagogika, no. 16)

Levshin, L. A. [Parents ask for advice] Roditel' prosit soveta. Moskva, Izd-vo "Znanie," 1962. 47 p. (Novoe v zhizni, nauke, tekhnike. XI Seriia: Pedagogika, no. 17)

Naumov, B. I. [Encouragement and punishment in a family] Pooshchrenie i nakazanie v sem'e. Moskva, Izd-vo "Znanie," 1962. 31 p. (Novoe v zhizni, nauke, tekhnike. XI Seriia: Pedagogika, no. 9)

PARIS—DESCRIPTION

Parisian triptych. N. Eremchenko. Volga sveta no. 8. 38-40 Ag '62.

PARIS—THEATER

"Dear liar" in Paris. N. Tedriia. Teatr 23 no. 8, 187-189 Ag '62

PARNU—THEATER

In the Parnu theater. E. Link. Teatr 23 no. 8 144 Ag '62.

PART-TIME FARMING

Into one pair of hands. Z. Dudenko. Sots. obesp. 23 no. 7 41-42 Jl '62.

PARTICLE, DYNAMICS OF see Dynamics of a particle

PARTICLE ACCELERATORS

Interaction between a space charge and a high-frequency field in cyclic accelerators. V. K. Grishin. Vest. Mosk. un. Ser. 3, Fiz., astron. 17 no. 4:40-44 Jl-Ag '62.

Linear 30 Mev electron accelerator for neutron spectroscopy. R. M. Voronkov and others. Atom. energ. 13 no. 4 327-336 O '62.

Magnetic deflector. A. V. Popov, F. V. Smirnov, I. A. Shukeilo. Zhur. tekh. fiz. 32 no. 9,1031-1038 S '62

PARTICLES

Constrained fall of particles. Part 5. Amorphous particles. Experimental test of the pseudo-particle theory. A. M. Gaspar'ian, N. S. Bat'ian. Izv. AN Arm. SSR. Ser. tekh. nauk 15 no. 1 53-64 '62.

PARTICLES (NUCLEAR PHYSICS)

Focusing of charged particles by one straight-line boundary of a homogeneous magnetic field [with summary in English]. V. R. Saulit. Vest. LGU 17 no. 16 72-81 '62.

Generalization of Symanzik's theorem on the majorization of Feynman diagrams [with summary in English]. A. A. Logunov, I. T. Todorov, N. A. Chernikov. Zhur. eksp. i teor. fiz. 42 no. 5:1285-1293 My '62

New particles and Sakata's model [with summary in English]. L. IU. Kobzarev, L. B. Okun'. Zhur. eksp. i teor. fiz. 42 no. 6 1351-1357 Je '62.

Nonlinear theory of the interaction between beams of charged particles and a plasma in a magnetic field [with summary in English]. V. D. Shapiro, V. I. Shevchenko. Zhur. eksp. i teor. fiz. 42 no. 6:1515-1528 Je '62.

Philosophy and microphysics; discussion of problems in the physics of elementary particles. L. B. Novik. Priroda 51 no. 9 87-89 S '62.

Possible determination of additional characteristics of an unstable particle. A. M. Petrelomov. Dokl. AN SSSR 146 no. 1:75-78 S '62.

Quantum physics and the problem of the elementary nature of particles. M. I. Omel'ianovskii. Vop. filos. 16 no. 9:121-131 '62

PASTERNAK, BORIS LEONIDOVICH, 1890-1960

B. L. Pasternak. Fedor Stepun. Inst. i mat. Inst. po izuch. SSSR Sbr. 1 no. 65 15-59 '62

B. L. Pasternak and his novel "Doctor Zhivago." A. Gladkov. Inst. i mat. Inst. po izuch. SSSR Sbr. 1 no. 65 20-41 '62

Boris Pasternak's word on poetry. Gleb Struve. Inst. i mat. Inst. po izuch. SSSR Sbr. 1 no. 65 9-15 '62

Contribution to the study of characters in the novel "Doctor Zhivago." Inst. i mat. Inst. po izuch. SSSR Sbr. 1 no. 65 81-102 '62

Innocent suffering, philosophical elements in the works of Boris Pasternak. V. A. Poplinko-Anatol'eva. Inst. i mat. Inst. po izuch. SSSR Sbr. 1 no. 65 69-83 '62

Language and style of B. L. Pasternak's novel "Doctor Zhivago." L. Rzhevskii. Inst. i mat. Inst. po izuch. SSSR Sbr. 1 no. 65, 115-189 '62

Pasternak and Rilke, from work on the theme "German poetry and the works of Pasternak." I. N. Bushman. Inst. i mat. Inst. po izuch. SSSR Sbr. 1 no. 65 233-239 '62

Pasternak's early lyrics. I. N. Bushman. Inst. i mat. Inst. po izuch. SSSR Sbr. 1 no. 65 201-221 '62

Pasternak's early prose. V. A. Aleksandrova. Inst. i mat. Inst. po izuch. SSSR Sbr. 1 no. 65 190-201 '62

Postscript to the comments made in reference to B. L. Pasternak's "Word on poetry." Gleb Struve. Inst. i mat. Inst. po izuch. SSSR Sbr. 1 no. 65 229-230 '62

The road, on Pasternak. Boris Zaitsev. Inst. i mat. Inst. po izuch. SSSR Sbr. 1 no. 65 16-19 '62.

"Verse and poems" by Boris Pasternak. Reviewed by Gleb Struve. Inst. i mat. Inst. po izuch. SSSR Sbr. 1 no. 65:225-228 '62.

Verse of Doctor Zhivago. D. D. Obolenskii. Inst. i mat. Inst. po izuch. SSSR Sbr. 1 no. 65:103-114 '62

Watermark, Pasternak's world outlook as reflected in his poetry. V. S. Frank. Inst. i mat. Inst. po izuch. SSSR Sbr. 1 no. 65 240-252 '62.

PASTRY

Pastry made of flour. M. Raitsev. Obshchestv. pit. no. 6 19 Je '62

PASTURE RESEARCH see subdivision under Mikhaylovskaya Virgin Steppe Preserve

PASTURES AND MEADOWS
(see also subdivision under Armenia; Issyk-Kul' region, Kirghiz Range)

Improvement and effective use of natural grasslands [with summaries in English, German, and French]. I. V. Larin. Vest. sel'khoz. nauki 7 no. 8:7-11 Ag '62.

Improving degenerated pastures [with summaries in English, German, and French]. A. A. Zotov. Vest. sel'khoz. nauki 7 no. 6:107-113 Je '62.

PASTURES AND MEADOWS—IRRIGATION

Some materials on the morphological changeability and rhythm of the development of annual gramineous and leguminous plants of the western Kopet-Dag under natural conditions and under irrigation. T. N. Ul'ianova. Izv. AN Turk. SSR. Ser. biol. nauk no. 4:31-41 '62.

PATENT LAWS AND LEGISLATION

The Paris convention. M. L. Goroditskii. Izobr. i rats. no. 10:33 O '62.

PATENT LICENSES
Russia (1923- U.S.S.R.) Komitet po delam izobretenii i otkrytii. [Description of inventions in licenses and patents; a manual for the personnel of the Patent Office] Opisanie izobretenila k avtorskomu svidetel'stvu ili patentu, rukovdstvo dlia rabotnikov po izobretatel'stvu i ratsionalizatsii)

PATENTS
[Bulletin on inventions] Biul. izobr. 39 nos. 16-17 Ag-S '62.
A machine requires a patent. Izobr. i rats. no. 8:29-30 Ag '62.

PATENTS (INTERNATIONAL LAW)
Methods of calculating royalties for patents and licenses. I. Ivanov. Vnesh. torg. 42 no. 8 35-42 '62.
The organization of patents in the trade of Czechoslovakia and Hungary. M. Gorodisskii. Vnesh. torg. 42 no. 9 40-46 '62.

PATRIOTISM
Shitov, N. F. [Proletarian internationalism and patriotism] Proletarskii internatsionalizm i patriotizm. Moskva, Izd-vo VPSh i AON, 1962. 167 p.

PAUSTOVSKII, KONSTANTIN GEORGIEVICH, 1893-
Stylistic analysis of K. Paustovskii's "Little tales" ("Deluge of rivers", "Orest Kiprenskii", "The fate of Charles Lonceville"). T. D. Ivina. Trudy UrGU no. 112:111-124 '61.

PAVEMENTS
Cohesion properties of the pavement and traffic safety on highways. L. S. Stetsiuk, M. A. Parshin. Avt. dor. 25 no. 9 3-5 S '62.
Effect of the roughness of pavement on its cohesion with tires. V. A. Astrov. Avt. dor. 25 no. 9 5-8 S '62.

PAVEMENTS—TESTING
Zashchuk, I. V. [New nondestructive methods of testing road materials and elements] Novye metody ispytaniia dorozhnykh materialov i sooruzhenii bez razrusheniia. Moskva, Avtotransizdat, 1962. 146 p.

PAVLODAR—GRAIN ELEVATORS
Business accounting production sections at the Pavlodar Grain Elevator. N. Kharitonov. Muk.-elev. prom. 28 no. 7:19-20 Jl '62.

PAVLOGRAD DISTRICT—CONSTRUCTION INDUSTRY
We provide collective farms with high-quality buildings. O. Shyshchuk. Sil' bud. 12 no. 8 3-4 Ag '62.

PAVLOVSK DISTRICT (ALTAI TERRITORY)—COMMUNIST YOUTH LEAGUE
Communist Youth League groups have started their inspection. N. Zinov'ev. Komsom. zhizn' no. 15 8 Ag '62.

PAYMENT
(see also subdivision under Moscow Province)
Improve the system of payments. M. Gindin. Den. i kred. 20 no. 8:9-18 Ag '62.
Payment procedure for the sale of surplus equipment. Ekon. stroi. no. 8 62-63 Ag '62.

PEACE
Appeal of the Central Committee of the CPSU, the Presidium of the Supreme Council of the U.S.S.R. and the government of the Soviet Union. Za rul. 20 no. 9 1-2 S '62.
Communiqué of the conference of religious leaders, members of the World Congress for General Disarmament and Peace, July 13, 1962. Zhur. Mosk. Patr. no. 8:14 Ag '62.
Kotov, M. I. [Peace is in your hands] Mir - v tvoikh rukakh. Moskva, Profizdat, 1962. 56 p.
Representatives of all confessions are for general disarmament and peace. N. Ivanov. Zhur. Mosk. Patr. no. 8:25-26 Ag '62.
The word of the Indian people. Sov. profsoiuzy 18 no. 19. 42 O '62.

PEACE—CONGRESSES
Consultative conference in Geneva on problems of peace and disarmament. L. Khibarin. Zhur. Mosk. Patr. no. 8:27-30 Ag '62.
The fourth "Pugwash" Conference. I. Khibarin. Zhur. Mosk. Patr. no. 8:30-32 Ag '62.
Great forum of the peoples of the world. Rab. i stal. 38 no. 8:2 of cover-2. Ag '62.

PEACE—PICTORIAL WORKS
Antonova, I., I. Karetnikova, and B. Shiperovich, comps. [Let us defend the peace on earth] Vmeste otstaivat' mir na zemle. Moskva, Sovetskii khudozhnik, 1962. 97 p.

PEACE CORPS
The truth about the "Peace Corps." E. Konovalov. Nov. vrem. 20 no. 40:18-19 O '62.

PEACE TREATIES see subdivision under Germany

PEACH see subdivision under Ararat region; Ukraine

PEAS
Volovchenko, I. P. [How to raise peas] Kak vozdelyvat' gorokh. [Moskva] Mosk. rabochii, 1962. 22 p. (DNAL)

PEAS—FERTILIZERS AND MANURES see subdivision under Ukraine

PEAS—HARVESTING
Attachment to mowers for pea harvesting. M. G. Pankin. Vest. sel'khoz. nauki [Kaz.khk.] 5 no. 7 101-110 Jl '62.

PEAS AS FEED
Effect of corn-peas silage on the metabolism and milk productivity in cows [with summaries in English, German, and French]. Vest. sel'khoz. nauki 7 no. 6 111-120 Je '62.

PEASANT UPRISINGS see subdivision under Italy, Norway; Ukraine

PEASANTRY see subdivision under Azerbaijan, Chuvashia, Turkey

PEAT—TESTING
Physicomechanical properties of vibrated peat and prospects for using it in the national economy. S. G. Solopov, B. P. Nazhestkin. Izv. vys. ucb. zav., gor. zhur. 5 no. 6 9-12 '62.

PEAT BOGS see subdivision under Podkamennaya Tunguska Valley

PEAT INDUSTRY
(see also subdivision under Gomel' Province)
Akademiia nauk BSSR, Minsk. Institut ekonomiki [Economics of the peat industry] Ekonomika torfianoi promyshlennosti. Minsk, Akad. nauk BSSR, 1961. 364 p. (MB)

PEAT MACHINERY
Rotary briquetting press. L. S. Amarian, M. G. Bulynko. Izv. vys. ucb. zav., gor. zhur. 5 no. 6 13-15 '62.

PECHORA BASIN—COAL GEOLOGY
Reliability of the results of prospecting in the Yun'-Yaga deposit of the Pechora Basin. I. V. Stepanov. Razved. i okh. nedr. 28 no. 9 51-55 S '62.

PECHORA BASIN—COAL MINES AND MINING
Mechanization and automation in the Inta mines. G. A. Levashov. Ugol' 37 no. 8, 8-10 S '62.
Pechora coal basin miners struggle to put into practice the decisions of the 22d Congress of the CPSU. A. A. Savchenko. Ugol' 37 no. 9, 5-8 S '62.
Work practices of the section of communist labor headed by A. IA. Igutov. D. A. Zhukov. Ugol' 37 no. 9, 19-20 S '62.

PECHORA BASIN—COAL MINES AND MINING—COSTS
Davydov, B. A., and M. M. Rozhin. [Potentials for reducing the production costs of coal, from the practices of Mine No 25 of the "Vorkutugol'" Combine] Rezervy snizhenila sebestoimosti uglia; iz opyta raboty shakhty No 25 kombinata "Vorkutugol'" Syktyvkar, Komi knizhnoe izd-vo, 1959. 37 p.

PECHORA BASIN—MINE HAULAGE
Bin gate lock with hydraulic drive. D. A. Paslen. Ugol' 37 no. 8, 45-46 Ag '62.

PECHORA VALLEY—FORAMINIFERA, FOSSIL
New species of Sakmara Foraminifera of the Timan-Pechora area. M. V. Konovalova. Paleont. zhur. no. 3:16-23 '62.

PECHORA VALLEY—MARTENS
Morphology and ecology of martens, sables and their hybrid (kidas) in the Pechora taiga [with summary in English]. IU. P. IAzan. Zool. zhur. 41 no. 8 1211-1216 Ag '62.

PECHORA VALLEY—SABLES
Morphology and ecology of martens, sables and their hybrid (kidas) in the Pechora taiga [with summary in English]. IU. P. IAzan. Zool. zhur. 41 no. 8, 1241-1246 Ag '62.

PECTINACEA, FOSSIL see subdivision under Dniester Valley

PECTINIDEA, FOSSIL—CLASSIFICATION see subdivision under Volyn'-Podolian Upland

PEDIATRICS
Gol'dfeld, A. IA., and N. M. Shchelovanov, eds. [Handbook for physicians in day nurseries and kindergartens] Rukovodstvo dlia vrachei doshkol'nykh uchrezhdenii tsiali-sad. Moskva, Medgiz, 1962. 416 p. (DNLM)
[Multivolume manual on pediatrics] Mnogotomnoe rukovodstvo po pediatrii. Moskva, Medgiz.
Vol. 3, 1962. 586 p. (DNLM)
Prevention is the basis of work of pediatricians. N. E. Azarova. Vop. okh. mat. i det. 7 no. 8:72-75 Ag '62.
Some immediate tasks of pediatricians in carrying out the program of the CPSU. A. F. Tur. Vop. okh. mat. i det. 7 no. 8:3-6 Ag '62.

PEGMATITES see subdivision under Makharadze District

PEIPING—TEACHERS, TRAINING OF
Sixtieth anniversary of the Peiping Pedagogical Institute. V. Klepikov. Nar. obr. no. 8 114 Ag '62.

PEIVE, JANIS, 1900-
A great scientist-biochemist. A. Perkons. Vest. sel'khoz. nauki 7 no. 8:138-140 Ag '62.

PEKING see Peiping

PEMPHIGUS
Data on the study of the etiology of chronic pemphigus in a tissue culture [with summary in English]. I. N. Iskrilakova and others. Vest. derm. i ven. no. 8 55-59 '62.
Diagnosis and treatment of pemphigus. N. D. Sheklakov. Med. sestra 21 no. 9:8-14 S '62.
"Pemphigus" by N. D. Sheklakov. Reviewed by I. I. Platonov and S. M. Bazarnova. Stomatologiia 41 no. 4:101 Jl-Ag '62.
So-called bullous pemphigoid and its relation to true pemphigus and bullous forms of Dühring's disease [with summary in English]. M. I. Pet, A. I. Mashkilleison. Vest. derm. i ven. no. 8:18-25 '62.

PEN DRAWING
Lapiev, A. M. [Pen sketches] Risunok perom. Moskva, Izd-vo Akad. Khudozh., 1962. 165 p.

PENICILLANIC ACID
Prospects for the synthesis of new penicillins from 6-aminopenicillanic acid. I. I. Inozemtseva, L. T. Strukov, V. A. Gotovtseva. Med. prom. 16 no. 7 9-13 Jl '62.

PENICILLIN
Amperometric determination of penicillin in the urine [with summary in English]. IA. Grafmetterova. Antibiotiki 7 no. 8 736-742 Ag '62.
Penetration of the lymph nodes of healthy and infected rats by various salts of penicillin [with summary in English]. I. R. Balyn', V. N. Solovdev. Antibiotiki 7 no. 8, 729-732 Ag '62.
Prospects for the synthesis of new penicillins from 6-aminopenicillanic acid. I. I. Inozemtseva, L. T. Strukov, V. A. Gotovtseva. Med. prom. 16 no. 7 9-13 Jl '62.
Results of immunizing dogs with a penicillin leptospirosis vaccine. S. R. Lomakin and others. Trudy Rost. NIVS no. 12:89-95 '60.
Role of penicillinase in the resistance of staphylococcus aureus to benzyl penicillin [with summary in English]. G. Steinman. Antibiotiki 7 no. 8 718-721 Ag '62.
Stimulating and therapeutic action of penicillin on the growth and care of chickens. V. G. Romanenko. Trudy Rost. NIVS no. 12:157-161 '60.
Substitution of cations in benzylpenicillin ionites. G. V. Samsonov, L. L. Bonak. Med. prom. 16 no. 7 32-34 Jl '62.
Use of technical phenoxyacetic acid as a precursor of phenoxymethyl penicillin. V. I. Rumiantsev, V. A. Tikhov. Med. prom. 16 no. 5, 51-52 My '62.

PENICILLINASE
Role of penicillinase in the resistance of staphylococcus aureus to benzyl penicillin [with summary in English]. G. Steinman. Antibiotiki 7 no. 8, 718-721 Ag '62.

PENSIONERS—EMPLOYMENT see subdivision under Kishinev, Kostroma

PENSIONS
From the practice of the Supreme Court of the R.S.F.S.R. Sots. obesp. 23 no. 7:59-60 Jl '62.
Lists Nos. 1-2. G. Vasil'eva. Sots. obesp. 23 no. 7:53-55 Jl '62.
Questions and answers. Sots. obesp. 23 no. 7:58-59 Jl '62.

PENTAERYTHRITOL
Pentaerythritol esters of antimonous acid. Gil'm Kamai, E. T. Makmenev. Zhur. ob. khim. 32 no. 9 2845-2848 S '62.

PENTANONE
Solubility of isobutylene in triisobutylaluminum. A. F. Popov, E. I. Lorikov, T. N. Kulikovskaia. Khim. prom. no. 8:561-562 Ag '62.

PENTATHLON
Characteristics of the difficulties in the present-day pentathlon and their significance in the training of the will in the sportsman. V. I. Pugachev. Probl. psikhol. sporta no. 2:326-331 '62.

PENTECOSTAL CHURCHES see subdivision under Zhdanov

PENTENYNAL
Conjugated systems. Part 157: Synthesis and hydrobromination of 4-penten-2-ynal. I. F. Chelpanova and others. Zhur. ob. khim. 32 no. 8:2407-2409 Ag '62.

PENTOSES
Oxidation of pentoses by chromate. Part 6. M. N. Tul'chinskii. Zhur. ob. khim. 32 no. 8:2699-2702 Ag '62.

PENZA PROVINCE—RURAL SCHOOLS
In the rural schools of Penza Province. Nar. obr. no. 10: 122-123 O '62.

PENZHINA RANGE—BRECCIA

Geological and petrological characteristics of ultrabasites and ultrabasite breccia in the southwestern part of the Penzhina Range. A. F. Mikhailov. Trudy VSEGEI 73:111-132 '62

PENZHINA RANGE—ULTRABASITES

Geological and petrological characteristics of ultrabasites and ultrabasite breccia in the southwestern part of the Penzhina Range. A. F. Mikhailov. Trudy VSEGEI 73:111-132 '62.

PEONIES—THERAPEUTIC USE

New data in the medical use of Paeonia anomala. M. N. Konovalov, V. B. Kuvaev, Z. A. Trutneva. Med. prom. 16 no. 5:57-59 My '62.

PEPSIN

Action of salt and sodium bicarbonate-salt waters on the secretion of pepsin and hydrochloric acid. V. V. Litvinov. Vop. kur., fizioter. i lech. fiz. kul't. 27 no. 3 221-224 My-Je '62.

Production of food pepsin. G. P. Sabashnikova. Khar. prom. no. 2:35-37 Ap-Je '62.

PEPTIC ULCER

Acute ulcers, erosions and hemorrhages of the stomach and intestines in myocardial infarct. I. G. Danilak Terap. arkh. no. 6:46-49 '62.

Comparative characteristics of the hemodynamic indices during the night in peptic ulcer and hypertension. L. V. Zakharov. Terap. arkh. no. 6:50-55 '62.

Effect of the ganglionic blocking preparation hexonium on the functional state of the stomach in peptic ulcer and chronic gastritis [with summary in English]. V. V. Trusov. Terap. arkh. no. 8:41-46 '62.

So-called "agastric asthenia" and "early syndrome" following stomach resection for peptic ulcer. I. D. Tanasienko. Klin. khir. no. 7:24-28 Jl '62.

Treatment of peptic ulcer with methyldiazil. V. S. Zalmanenok. Terap. arkh. no. 6:39-41 '62.

PEPTIDES

Effect of the combined protection of amine group in peptides on their properties. L. N. Akimova, L. O. Korsunskaia. Zhur. ob. khim. 32 no. 9 2809-2812 S '62

Nucleotide peptides, a new group of biologically important compounds [with summary in English]. Zh. A. Medvedev, E. D. Khavkin. Izv. TSKHA no. 2:188-199 '62.

PERCEPTION

Conditions determining the structure of perception. B. B. Kossov. Izv. APN no. 120:87-101 '62.

Dependence of the structure of perception on individual human characteristics. B. B. Kossov. Izv. APN no. 120: 102-109 '62.

Perception and notion of a slanting line. A. G. Ruzskaia. Izv. APN no. 120:124-130 '62.

Perception of the deviation of lines from a given norm. A. G. Ruzskaia. Izv. APN no. 120:110-123 '62

Reaction time as an indicator of the structure of perception. B. B. Kossov. Izv. APN no. 120:38-57 '62.

Role of verbal instructions in perception. B. B. Kossov. Izv. APN no. 120:58-86 '62.

Structure of perception. P. A. Shevarev. Izv. APN no. 120:7-37 '62.

PERCH see subdivision under Mingechaur Reservoir

PERIARTERITIS NODOSA

Pulmonary diseases in systemic vasculitis [with summary in English]. S. I. Kamenetskii and others. Klin. med. no. 12:72-78 '61.

PERICARDITIS

Treatment of suppurative pericarditis in children. G. IA. Skripko. Vop. okh. mat. i det. 7 no. 8:83-85 Ag '62.

PERICARDIUM—ABNORMITIES AND DEFORMITIES

Congenital absence of the pericardium in a female patient with diaphragmatic relaxation. N. S. Maliugin. Klin. med. no. 12:107-110 '61.

PERICARDIUM—TUMORS

Case of mesothelioma of the pericardium. A. I. Matosiants, IU. I. Minskaia, E. IA. Landa. Klin. med. 40 no. 8:126-129 Je '62.

PERIODICITY

Comparative characteristics of the hemodynamic indices during the night in peptic ulcer and hypertension. L. V. Zakharov. Terap. arkh. no. 6:50-55 '62.

PERIPHERAL NERVES see Nerves, Peripheral

PERITONITIS

Resection of an extensive section of the small intestine in diffuse peritonitis. IU. L. Shal'kov. Kaz. med. zhur. no. 3:59-60 My-Je '62.

PERLITE (MINERAL)

Experimental production of perlite structure in volcanic glass. V. V. Nasedkin, V. P. Petrov. Dokl. AN SSSR 146 no. 2:440-442 S '62.

Heat-resistant perlite concrete. K. D. Nekrasov, M. G. Maslennikova. Bet. i zhel.-bet. 8 no. 8 339-342 Ag '62.

PERM PROVINCE—SAWMILLS

Concentrate sawmills in the Perm Province. Les. prom. 40 no. 7 25 Jl '62

PERM PROVINCE—STATISTICS

Perm. (Province) Oblastnoe statisticheskoe upravlenie. [Economy of Perm Province, statistical collection] Narodnoe khoziaistvo Permskoi oblasti; statisticheskii shornik. Sverdlovsk, Gos. stat. izd-vo, 1961. 156 p.

PERMAFROST see Frozen ground

PERMITTIVITY see Dielectric constants

PEROXYACETIC ACID

Cumyl peracetate. V. A. Ablokov, V. A. Shushunov, L. V. Kolmakina. Zhur. ob. khim. 32 no. 8:2714-2716 Ag '62

PERSIA see Iran

PERSIAN LANGUAGE—DICTIONARIES

Baevskii, S. I. [Description of Persian and Tajik manuscripts in the Institute of Asian Peoples] Opisanie persidskikh i tadzhikskikh rukopisei Instituta narodov Azii. Moskva, Izd-vo vostochnoi lit-ry.
No. 4. [Persian explanatory dictionaries (farhang)] Persidskie tolkovye slovari (farhang). 1962. 77 p.

PERSIAN LITERATURE—TRANSLATIONS INTO KAZAKH

A valuable contribution to the treasure chest of Kazakh literature [in Kazakh with summary in Russian]. R. Berdibaev, M. Baidildaev. Vest. AN Kazakh SSR 18 no. 9:77-82 Je '62.

PERSONALITY, DISORDERS OF

Systematized formation of delirium in adolescents [with summary in French]. E. V. Afanas'eva, I. N. Milevskaia, D. N. Isaev. Zhur. nevr. i psikh. 62 no. 7:1038-1043 '62.

PERSONS (LAW)

Mitskevich, A. V. [The holders of rights according to Soviet law] Sub'ekty sovetskogo prava. Moskva, Gosiurizdat, 1962. 212 p.

PERTOZERO, LAKE—PARASITES—FISHES

Changes in the parasite fauna of fishes in Lake Pertozero and Koncheozero during a long period of time. S. S. Shul'man, V. F. Rybak. Trudy Kar. fil. AN SSSR no. 30: 24-54 '61.

PERVOMAYSKIY DISTRICT (TAMBOV PROVINCE)—AGRICULTURAL WORKERS

When they forget about people. S. Pospelov. Mol. kommun. no. 6:51-60 Je '62.

PER'YAVITSA VALLEY—BRACHIOPODA, FOSSIL

Brachiopods from Middle Miocene sediments in the Solotvina Depression of Transcarpathia [with summary in English, p. 175]. A. I. Guridov. Paleont. sbor. (Lvov) no. 1:151-156 '61.

PETRIKOVTSY (DNEPROPETROVSK PROVINCE)—WOOD ENGRAVING

Wood engraving in Petrikovtsy. N. O. Gluzhenka. Nar. tvor. ta etn. 6 no. 1:103-107 Ja-Mr '62.

PETROCHEMICALS see Petroleum chemicals

PETRODVORETS—CITY PLANNING

City of rest, city of science. Stroi. i arkhit. Len. 24 no. 2:37 F '62.

PETROLEUM
(see also subdivision under Bulgaria)

World oil recovery in 1961. Neft. khoz. 40 no. 5: My '62.

World resources and production of oil and natural gas. N. A. Bykhover. Razved. i okh. nedr 28 no. 9 12-23 S '62.

PETROLEUM—ANALYSIS
(see also subdivision under West Siberian Plain)

Use of a double sorbent for determining the group hydrocarbon composition of kerosene-gas oil and oil fractions. Z. V. Driatskaia, N. M. Zhmykhova. Khim. i tekh. topl. i masel. 7 no. 7:9-12 Jl '62.

PETROLEUM—PIPELINES

Some problems in designing petroleum pipelines and turning them over to industrial exploitation. D. A. Chernaev, Sh. N. Akhatov. Neft. khoz. 40 no. 5:54-59 My '62.

PETROLEUM—REFINING
(see also subdivision under Ukraine, Western)

Prerefining (hydrofining) of crudes for the catalytic reforming process. N. R. Bursian, G. N. Maslianskii. Khim. i tekh. topl. i masel. 7 no. 7:5-8 Jl '62.

Rectification of the propane-propylene fraction in a centrifugal rectifier with a spiral rotor. A. P. Klimenko, IU. A. Vasentsov. Trudy Inst. isp. gaza AN USSR 9: 83-89 '61.

PETROLEUM—STORAGE

Assembly of precast reinforced concrete tanks. E. V. Lebedev. Mont. i spets. rab. v stroi. 24 no. 9:12-16 S '62.

Underground oil and gas storage. O. M. Ivantsov. Khim. prom. no. 7:512-516 Jl '62

PETROLEUM—TRANSPORTATION see subdivision under Moscow Province

PETROLEUM AS FUEL

Rapid methods of analysis of wash liquids in the purification of gas-turbine residual fuels. F. M. Popova, V. G. Nikolaeva, M. I. Sen'kina. Khim. i tekh. topl. i masel. 7 no. 7 62-65 Jl '62

PETROLEUM CHEMICALS

Nauchnaia konferentsiia po problemam neftianoi, gazovoi i neftekhimicheskoi promyshlennosti. [Abstracts of reports of the Conference on the Problems of the Petroleum, Gas, and Petrochemical Industries. Chemical Technology Section, Petrochemistry Subsection] Tezisy dokladov: Sektsiia khimiko-tekhnologicheskaia, Podsektsiia neftekhimicheskaia. Moskva, Gostoptekhizdat, 1962. 26 p.

PETROLEUM GEOLOGY
(see also subdivision under Caspian Depression; Caucasus, Northern, Emba region, Khatyrka Valley; Pripet Valley; Romashkino region, Rostov Province, Saratov Province; Sokolovogorsk region, Timan Ridge; West Siberian Plain)

"Active margin" of a platform and its importance in estimating oil and gas potentials of platforms. V. P. Markevich. Trudy SNIIGGIMS no. 17:32-41 '61.

Changes in the properties of reservoir oil in pools of the Kuma horizon in the Novo-Dmitriyevskoye field and of the horizon 5 of Maeotic sediments in the Anastasiyevsko-Troitskoye field. A. I. Khaznaferov. Trudy KF VNII no. 3:102-123 '62.

Nauchnaia konferentsiia po problemam neftianoi, gazovoi i neftekhimicheskoi promyshlennosti. [Abstracts of reports of the Conference on the Problems of the Petroleum, Gas, and Petrochemical Industries; Geology Section] Tezisy dokladov: Sektsiia geologicheskaia. Moskva, Gostoptekhizdat, 1962. 56 p.

Some results of oil and gas prospecting in the R S F S R from 1959 to 1961. A. P. Stel'makhovich. Razved. i okh. nedr 28 no. 9 27 S '62

PETROLEUM INDUSTRY see subdivision under Arabia, Southern; Far East, Indonesia, Kazakhstan; Libya; Near East

PETROLEUM PIPELINES

Effect of pressure decline and free gas separation on the rate of wax precipitation in pipes. I. Z. Salatinian, V. M. Fokeev, G. I. Tishin. Nauch.-tekh. sbor. po. dob. nefti no. 15 91-94 '61.

PETROLEUM PRODUCTS

[Fuel oil and lubricating materials in railroad transportation] Neftianoe toplivo i smazochnye materialy na zheleznodorozhnom transporte, spravochnik. (By) N. M. Voronov i dr. Moskva, Transzheldorizdat, 1962. 322 p.

Nauchnaia konferentsiia po problemam neftianoi, gazovoi i neftekhimicheskoi promyshlennosti. [Abstracts of reports of the Conference on the Problems of the Petroleum, Gas, and Petrochemical Industries; Chemical Technology Section, Technology Subsection] Tezisy dokladov: Sektsiia khimiko-tekhnologicheskaia, Podsektsiia tekhnologicheskaia. Moskva, Gostoptekhizdat, 1962. 35 p.

Removal of hydrogen sulfide from petroleum products by means of ethanolamine solutions. G. N. Dantsig, I. A. Makarov, D. B. Orochkin. Khim. i tekh. topl. i masel. 7 no. 7:12-15 Jl '62.

Speransov, N. N. [Use of petroleum products on state and collective farms] Neftekhozialistvo sovkhozov i kolkhozov. Moskva, Sel'khozizdat, 1962. 302 p.

PETROLEUM PRODUCTS—PIPELINES

Blast and hydraulic testing of a petroleum products pipeline. V. T. Sidorenko. Stroi. truboprov. 7 no. 8:18-19 Ag '62.

PETROLEUM PRODUCTS—THERAPEUTIC USE

Results of the initial tests of green oil and substance R in the eradication of Ancylostoma eggs and larvae; preliminary report. G. A. Guseinov, N. I. Mamedov. Med. paraz. i paraz. bol. no. 3:311-316 '62.

PETROLEUM REFINERIES see subdivision under Canada; United States

PETROLEUM REFINERIES—EQUIPMENT AND SUPPLIES

Negroov, V. F., ed. [Protection of apparatus and equipment of petroleum refineries from corrosion] Zashchita apparatury i oborudovaniia neftopererabatyvaiushchikh zavodov ot korrozii. [By] N. G. Kasumzade i dr. Baku, Azernashr, 1962. 282 p.

Planning of experimental bases at petroleum processing plants. D. B. Orochkin. Khim. i tekh. topl. i masel. 7 no. 7:34-37 Jl '62.

PETROLEUM RESEARCH

Report on the conference on methods held in the All-Union Petroleum Research Institute. Nauch. tekh. sbor. po dob. nefti no. 1:175-82 '58.

PETROLEUM WORKERS—EDUCATION AND TRAINING
see subdivision under Stepnoy

PETROLOGY
(see also subdivision under Bondyuzhskiy District, Georgia, Karabakh Upland; Kum-Dag region; Siberian Platform; Tatar A.S.S.R., Turkmenistan, Yelabuga District, Yenisey Ridge)
"Perlites, obsidians, pichstones and their mineralogical, petrographical, and physicochemical characteristics" by M.A.Kashkai, A.I.Mamedov. Reviewed by V.I. Lebedinskii. Izv.AN SSSR,Ser.geol. 27 no.6:111-113 S '62.
Problems and trends in petrographic studies, 1961-1965 IU.Ir.Polovinkina. Trudy VSEGEI 73:7-16 '62.

PETROLOGY—RESEARCH
Organizing the Petrographic Committee. Vest AN SSSR 32 no.9:122 S '62.

PETROPAVLOVSK—LANDSCAPE ARCHITECTURE
The green finery of Petropavlovsk A.Kondratov Zhil stroi. no.8:29-31 '62

PETROVA, IULIIA NIKANOROVNA, 1920-
IUliia Nikanorovna Petrova. Med.sestra 21 no.6:51 Ag '62.

PETROVSKOYE DISTRICT—SOVIETS
Be sociable! Sov.deput.trud. no.10:29-30 O '62.

PETROZAVODSK—THEATERS
Adjustable tent-like cover. A.S.Dubovskii, Stroi.tekhnol. i mekh. 1 no. 24 no.2:32-33 F '62.

PHARMACOLOGY
Viral physiology in comparative pharmacology [with summary in English]. V.L.Ryzhkov. Izv.AN SSSR,Ser. biol. 27 no.4 530-543 Jl-Ag '62.

PHARMACOPOEIAS
(see also subdivision under Rumania)
"Catalog of medicinal preparations." Reviewed by A.N. Kudrin Med.prom. 16 no.7 63 Jl '62

PHARMACY
Golosova, N.A. [Materials on the history of general pharmacy, a textbook for correspondence students] Materialy po istorii vseobshchei farmatsii; uchebnoe posobie dlia student-zaochnikov. Pod red. T.I. Tol'tsman. Moskva, 1-i Mosk. med. in-t im. I.M. Sechenova, 1962. 36 p.

PHARMACY—BIBLIOGRAPHY see Bibliography—Pharmacy

PHASE CONVERTERS
Experimental investigation of a diaphragm-type electrokinetic converter. M.S.Kasim-Zade. Izv.vys.ucheb. zav.; prib. 5 no.1:17-21 '62.

PHASE RULE AND EQUILIBRIUM
Characteristics of the equilibrium diagram for a He^3-He^4 solution in the λ-point [with summary in English] D.G.Sanikidze. Zhur.eksp.i teor.fiz. 42 no.5:1330-1332 My '62.
Kinetics of the decomposition of undercooled austenite in chromium-nickel-molybdenum steel during two-stage isothermal cooling I.E.Brainin, V.A.Khrichenko, F.I.Ivanov. Izv.vys.ucheb.zav., chern.met. 5 no.6: 103-107 '62.
Structural mechanism of phase transformations during the heating of steel. V.D.Sadovskii, G.N.Bogacheva, B.K.Sokolov. Fiz.met.i metalloved. 14 no.3:414-421 S '62.
Theory of phase transformations in binary systems. I.L. Aptekar', D.S.Kamenetskaia. Fiz.met.i metalloved. 14 no.3:358-365 S '62.

PHASE RULE AND EQUILIBRIUM—TABLES, ETC.
Akademiia nauk SSSR. Sibirskoe otdelenie. [Austenite transformation during the continuous cooling of steel] Prevrashchenie austenita pri neprerivnom okhlazhdenii stali. [n.p.]
Pt.2. [Atlas of thermokinetic diagrams] Atlas termokineticheskikh diagramm. 1960. 404 l.

PHENALENEDIONE
2-Phenyl-1,3-perinaphthindandione and some of its derivatives. G.IA.Vanag, E.IU.Gudrinietse, I.A. Meirovits. Dokl.AN SSSR 146 no.1:93-96 S '62.

PHENANTHROLINE
Syntheses in the phenanthroline series. V.N.Konlukhov, I.N.Pliankova, Z.V.Pushkareva. Zhur.ob.khim. 32 no.8:2745-2746 Ag '62.

PHENETHYLAMINE
Synthesis of trisubstituted phenylethylamines by the catalyzed reduction of ω-nitrostyrenes. K.M.Diumaev, L.S.Belostotskaia. Zhur.ob.khim. 32 no.8:2661-2663 Ag '62.

PHENOLOGY
(see also subdivision under Bashkiria)
Dependence of the phenological phases in birch and spruce on the temperature of the trees themselves [with summary in English]. V.V.Kriuchkov. Bot.zhur. 47 no.7:923-937 Jl '62.

PHENOLOGY—RESEARCH
Decision of the Coordinating Council of the Ministry of Agriculture of the U.S.S.R. G.E.Shul'ts. Izv.Vses. geog.ob-va 94 no.4:362-363 Jl-Ag '62.

PHENOLS
Alkylation of phenol with isobutyl alcohol in the presence of the cation exchange KU-2. P.S.Belov, Liu Chao-tsai [Liu Ch'ao-ch'i], V.I.Isaguliants. Khim.prom. no.7 480-483 Jl '62
New sources of phenol raw materials for the manufacture of high-quality tanning products. S.K.Golubeva, S.A. Kuroitis. Kozh.-obuv.prom. 4 no.9 24-27 S '62
New type of cation catalysis. Part 1. Catalytic effect of phosphorus pentachloride in the reaction of phenols with phosphoryl chloride. V.V.Katyshkina, M.IA. Kraft. Zhur.ob.khim. 32 no.9 3096-3098 S '62
Physicochemical analysis of the ternary system carbamide - phenol - acetic acid. I.M.Bokhovki and others. Zhur.ob.khim. 32 no.9:2755-2759 S '62
Physicochemical analysis of the ternary system carbamide - phenol - monochloroacetic acid. I.M. Bokhovkin, A.A.Pribytkova, L.S.Uemlianina. Zhur. ob.khim. 32 no.9 2763-2766 S '62
Qualitative changes in the phenol composition of the coleoptiles of wheat during growth inhibition by light [with summary in English]. P.A.Kolesnikov, S.V. Zore. Fiziol.rast. 9 no.4:454-460 '62.
Thermal analysis of the ternary system acetamide - acetic acid - phenol. V.F.Chesnokov, I.M.Bokhovkin Zhur.ob.khim. 32 no.9.2760-2763 S '62

PHEOPHYTIN—SPECTRA
Infrared spectra of chlorophyll and its analogues. Part 2. Isotopic exchange between molecules of chlorophyll, pheophytin, and heavy water. A.N. Sidorov. Opt.i spektr. 13 no.3:374-378 S '62.

PHILADELPHIA—CATALYSTS
New process of regeneration of a spent catalytic cracking catalyst. Khim.i tekh.topl.i masel. 7 no.7 72 Jl '62.

PHILIPPINES—CULTURE
Our culture today [with English summary in insert]. Angel Santos. Az.i Afr.seg. no.9,28-29 S '62.

PHILIPPINES—ECONOMIC CONDITIONS
Sad results and cheerless prospects. B.Nikitin. Mir. ekon.i mezhdunar.otn. no.10:101-102 O '62.

PHILOSOPHY
The blind alley of bourgeois philosophy. G.Kursanov. Kommunist 39 no.15:109-118 O '62.
"Materialist ideology and the theory of knowledge of Russian revolutionary democrats" by I.K.Pantin. Reviewed by A.I.Volodin. Vop.filos. 16 no.9:180-183 '62

PHILOSOPHY—BIBLIOGRAPHY see Bibliography—Philosophy

PHILOSOPHY—PERIODICALS
A conference of the editors of philosophical periodicals in Leipzig. Nauch.dokl.vys.shkoly; filos.nauki 5 no.3: 134 '62.

PHILOSOPHY—RESEARCH
(see also subdivision under Kirghizistan)
Some problems of philosophical studies discussed as the All-Union Conference of the Chairmen of the Departments of Social Sciences. L.G.Kniazeva. Nauch.dokl. vys.shkoly; filos.nauki 5 no.3:123-127 '62.

PHILOSOPHY—STUDY AND TEACHING
A seminar of philosophy and methodology. A.Voronov. Polit.samoobr. 6 no.9:74-76 S '62.

PHILOSOPHY, IRANIAN
Critical evaluation of the reactionary ideology of the present-day Iranian bourgeoisie [with summary in English]. A.M.Agakhi. Uch.zap.Inst.vost AN Azerb. SSR 3:5-26 '62.

PHILOSOPHY, WHITE RUSSIAN
Akademiia nauk BSSR, Minsk. Instytut filosofii. [History of White Russian philosophical and sociopolitical ideas; selected works from the 16th to the early 19th century] Iz istorii filosofskoi i obshchestvenno-politicheskoi mysli Belorussii; izbrannye proizvedeniia XVI - nachala XIX v. Minsk, Izd-vo Akad. nauk BSSR, 1962. 523 p.

PHONOGRAPH
The "Estonia-3" radio-phonograph combination. IU.Raudsepp. Radio no.9:26 S '62.

PHONORECORDS
Electrodeposition of nickel from sulfamine electrolytes with low internal voltages. B.IA.Kaznachei, N.N.Balashova, A.K.Rozhdestvenskaia. Trudy VNAIZ no.9: 157-168 '61.
Gift from English miners. R.Dubrovin, M.Ilin. Sov. shakh. 11 no.10:35 O '62.

PHOSPHATES
Determination of the citric acid solubility of natural phosphates. IA.IA.Anso, M.A.Veiderma, S.P.Kasesalu. Khim.prom. no.7:537-539 Jl '62.
Metallurgy in aid to agriculture. Metallurg 7 no.8: Ag '62.
On the phosphate material in obolophosphorites. A.Loog. Izv.AN Est SSR Ser.fiz.-mat.i tekh.nauk 11 no.3 229-236 '62

PHOSPHATIDES
Defatitening of technical phosphatides in ISA-3 separators. V.K.Lozheshnik. Masl.-zhir.prom. 28 no.9:36 S '62.

PHOSPHAZO COMPOUNDS
Esters of diphenylchloro- and triphenylphosphazo carbonic acid. V.I.Shevchenko, A.S.Shtepanek, A.V.Kirsanov. Zhur.ob.khim. 32 no.8:2595-2600 Ag '62
Mechanism of phosphazo reaction. I.N.Zhmurova, A.V. Kirsanov. Zhur.ob.khim. 32 no.8,2576-2580 Ag '62

PHOSPHAZO COMPOUNDS—SPECTRA
Infrared spectra of monomeric and dimeric trichlorophosphazo aryls and phenyldichlorophosphazo aryls. I.N. Zhmurova, A.A.Kisilenko, A.V.Kirsanov. Zhur.ob. khim. 32 no.8 2580-2585 Ag '62.

PHOSPHINE OXIDE
Derivatives of phosphinic and phosphonic acids. Part 15. Atomic refraction of phosphorus in phosphine oxides. A.I.Razumov, N.G.Zabusova. Zhur.ob.khim. 32 no.8,2691-2693 Ag '62.

PHOSPHINIC ACID
Phosphinic and phosphonic acid series. Part 11: Mechanism of the reaction of esters of trivalent phosphorus with esters of halogen-substituted acids. A.I.Razumov, N.G.Zabusova. Zhur.ob.khim. 32 no.8:2683-2691 Ag '62
Synthesis and chemical properties of phosphinites of 1,4,3,6-dianhydrohexitol. K.A.Petrov and others. Zhur.ob.khim. 32 no.9 3074-3080 S '62.
Synthesis and conversion of organophosphorus compounds. Part 2: Synthesis of some derivatives of methylcyclohexylphosphinic acid. I.A.Shikhiev, M.I.Aliev, S.Z. Israfilova. Zhur.ob.khim. 32 no.8:2686-2688 Ag '62.

PHOSPHINIC AMIDE
Derivatives of phosphinic and phosphonic acids. Part 16. Synthesis of alkylated amides of dialkylphosphinic acid. O.A.Mukhacheva, A.I.Razumov. Zhur.ob.khim. 32 no.8 2693-2696 Ag '62.
Derivatives of phosphinic and phosphonic acids. Part 17. Dialkylphosphinic amides. O.A.Mukhacheva, A.I. Razumov. Zhur.ob.khim. 32 no.8:2696-2699 Ag '62

PHOSPHONAMIDIC ACID
Properties of phosphorus acid amides. Part 4. Reaction of aminolysis and phenolysis of amidophosphites and amidophosphonites. K.A.Petrov and others. Zhur. ob.khim. 32 no.9 3065-3069 S '62

PHOSPHONAMIDOUS ACID
Properties of phosphorus acid amides. Part 5. Reaction of phosphoramidous and phosphonamidous acids with thiophenol and mercaptans. K.A.Petrov and others. Zhur.ob.khim. 32 no.9,3070-3074 S '62.

PHOSPHONIC ACID
Extraction of thorium from hydrochloric and perchloric acid solutions by diisoamyl ester of methylphosphonic acid. V.D.Nikol'skii, M.E.Pozharskaia. Ekstr., teor., prim., app. no.2:160-164 '62.
Extraction of uranium by mixtures of tributyl phosphate and diisoamyl ester of methylphosphonic acid. V.V. Fomin, R.D.Kartushova, E.P.Meforova. Ekstr., teor., prim., app. no.2:37-46 '62
Phosphinic and phosphonic acid series. Part 14: Mechanism of the reaction of esters of trivalent phosphorus with esters of halogen-substituted acids. A.I.Razumov, N.G.Zabusova. Zhur.ob.khim. 32 no.8:2683-2691 Ag '62

PHOSPHONITRILE CHLORIDE
Reactions of phosphonitrile chlorides with silanols, silanolates, and hexaalkyldisilioxane. S.M.Zhivukhin, V.B. Tolstoguzov, A.I.Ivanov. Zhur.neorg.khim. 7 no.9: 2192-2199 S '62.

PHOSPHORAMIDIC ACID
Derivatives of monoanilides of aroylamidophosphoric acids. G.I.Derkach, A.M.Lopesa, A.V.Kirsanov. Zhur.ob.khim. 32 no.8:2600-2606 Ag '62.

PHOSPHORAMIDOTHIOIC ACID
Properties of phosphorus acid amides. Part 3. New method of synthesizing thiophosphites and thiophosphonites. K.A.Petrov and others. Zhur.ob.khim. 32 no.9:3062-3065 S '62.

PHOSPHORAMIDOUS ACID
Properties of phosphorus acid amides. Part 4. Reaction of aminolysis and phenolysis of amidophosphites and amidophosphonites. K.A.Petrov and others. Zhur. ob.khim. 32 no.9,3065-3069 S '62.
Properties of phosphorus acid amides. Part 5: Reaction of phosphoramidous and phosphonamidous acids with thiophenol and mercaptans. K.A.Petrov and others. Zhur.ob.khim. 32 no.9:3070-3074 S '62.

PHOSPHORESCENCE

Thermal quenching of β-phosphorescence of organic luminophors. A.V. Aristov, B.IA. Sveshnikov. Opt. i spektr., 13 no.3:383-385 S '62.

PHOSPHORESCENCE—CONGRESSES

Soveshchanie po lyuminestsentsii, 7th, Moscow, 1958. [Materials of the 7th Conference on Luminescence (crystallophosphorescence), held at Moscow, June 26 to July 3, 1958] Materialy VII Soveshchaniia po lyuminestsentsii (kristallofosfory), Moskva, 26 iiunia - 3 iiulia 1958 g. Tartu, Akad. nauk Estonskoi SSR, 1959. 390 p. illus., diagrs., tables (part fold.)
(RPB)

PHOSPHORIC ACID

Distribution of butylphosphoric acids between aqueous solutions and tributyl phosphate. A.P. Bozhev, I.V. Boddubskaia, A.M. Rozen. Eksp., teor., prikl., app. no.2:71-79 '62.

Effect of temperature on the distribution of mono- and dibutyl phosphoric acids between benzene and water. V.B. Shevchenko, V.S. Smolov. Eksp., teor., prim., app. no.2:58-70 '62.

PHOSPHORITE see subdivision under Kara-Tau

PHOSPHOROTHIOIC ACID

Isomerization of ethyldichlorothionophosphate. E.M. Popov, N.F. Medenikova. Zhur. ob. khim. 32 no.9:3080-3083 S '62.

Organic insecticides-fungicides. Part 67. Interaction of thio- and dithiophosphoric acid esters with higher aliphatic amines and fungicide and bactericide activity of reaction products. N.N. Mel'nikov and others. Zhur. ob. khim. 32 no.9:2858-2863 S '62.

PHOSPHOROUS ACID

Preparation and some properties of triphosphitochromous acid. J. Podlaha, M. Ebert. Zhur. neorg. khim. 7 no.9:2185-2191 S '62.

PHOSPHORS

Approximate wave functions for the gallium ion in a crystal [with summary in English]. E.V. Smirnova. Vest. LGU 17 no.16:66-71 '62.

PHOSPHORUS

"Carriers of light." V. Mezentsev. Znan.-sila 37 no.5:24-27 My '62.

Ivanov, S.N. [Physicochemical character of phosphates in peats and turf-Podzolic soils. Fiziko-khimicheskii rezhim fosfatov torfov i dernovo-podzolistykh pochv. Otv. red. I.N. Antipov-Karataev. Minsk, Gos. izd-vo sel'khoz. Lit-ry BSSR, 1962. 260 p.
(DNAL)

PHOSPHORUS—OPTICAL PROPERTIES

Derivatives of phosphinic and phosphonic acids. Part 15. Atomic refraction of phosphorus in phosphine oxides. A.I. Razumov, N.G. Zabirova. Zhur. ob. khim. 32 no.8:2691-2693 Ag '62.

PHOSPHORUS BACTERIA see Bacteria, Phosphorus

PHOSPHORUS CHLORIDE

New type of cation catalysis. Part 4. Catalytic effect of phosphorus pentachloride in the reaction of phenols with phosphoryl chloride. V.V. Katyshkina, M.IA. Kraft. Zhur. ob. khim. 32 no.9:3096-3098 S '62.

PHOSPHORUS COMPOUNDS

Asymmetric compounds of phosphorus. Part 1. Gil'm Kamai, G.M. Rusetskaia. Zhur. ob. khim. 32 no.9:2848-2854 S '62.

Asymmetric compounds of phosphorus. Part 2. Gil'm Kamai, G.M. Rusetskaia. Zhur. ob. khim. 32 no.9:2854-2858 S '62.

New types of the Arbuzov rearrangement. Part 17. Refractions of bonds and the atomic refractions of phosphorus and its pentavalent compounds. V.A. Kukhtin, K.M. Kirillova. Zhur. ob. khim. 32 no.9:2797-2800 S '62.

PHOSPHORUS IN THE BODY

Spectrophotometric method for studying phosphorus compounds in the contraction of intact muscles. N.S. Panteleeva. Usp. sovr. biol. 53 no.3:289-305 My-Je '62.

PHOSPHORUS METABOLISM

Condensed inorganic phosphates in the metabolism of live organisms. Report No.2 [with summary in English]. I.S. Kulaev, A.N. Belozerskii. Izv. AN SSSR. Ser. biol. 27 no.4:502-522 Jl-Ag '62.

State of phosphorus-calcium metabolism in the initial form of paradontosis. A.D. Noskov. Stomatologiia 41 no.4:15-16 Jl-Ag '62.

PHOSPHORUS ORGANIC COMPOUNDS

Extraction of electrolytes from nitric acid solutions by neutral organophosphorus solvents. Calculation of distribution curves. A.S. Solovkin. Eksp., teor., prim., app. no.2:47-57 '62.

Extraction of uranyl nitrate from nitric acid desorption solutions by tributyl phosphate and other organophosphorus compounds. B.N. Laskorin, D.I. Skorovarov, V.V. Shatalov. Eksp., teor., prim., app. no.2:174-178 '62.

Heterocyclic system containing phosphorus and nitrogen. G.I. Derkach. Zhur. ob. khim. 32 no.9:3107 S '62.

Method for determining small quantities of phosphorus organic compounds in the air. Kh.IA. Vengerskaia, L.G. Shelukhina. Gig. i san. 26 no.12,88 D '61.

N-dichlorophosphinyl-N'-o-chlorobenzalaminamidines. G.I. Derkach, G.F. Dregval', A.V. Kirsanov. Zhur. ob. khim. 32 no.9:3002-3007 S '62.

Phosphorus arylfluoromonochlorides and N,N-disubstituted phosphorus arylfluoramides. Zh.M. Ivanova, A.V. Kirsanov. Zhur. ob. khim. 32 no.8:2592-2595 Ag '62.

Study of the active centers of cholinesterases with the aid of organophosphorus inhibitors. V.A. Iakovlev, R.I. Volkova. Dokl. AN SSSR 146 no.1:217-220 S '62.

PHOSPHORYL CHLORIDE

New type of cation catalysis. Part 3. Catalytic effect of phosphorus pentachloride in the reaction of phenols with phosphoryl chloride. V.V. Katyshkina, M.IA. Kraft. Zhur. ob. khim. 32 no.9:3096-3098 S '62.

PHOSPHORYLATION

N-diethylenediamidophosphinyl-N'-ethylene-N'-arylguanidines. G.I. Derkach and others. Zhur. ob. khim. 32 no.9:2992-2994 S '62.

Phosphorylation of malonic acid esters. V.I. Shevchenko, P.D. Bodnarchuk, A.V. Kirsanov. Zhur. ob. khim. 32 no.9:2994-3001 S '62.

PHOTOCHEMISTRY

Light-induced electron paramagnetic resonance signals in zinc oxide. D.V. Baranov, V.D. Kholmogorov, A.N. Terenin. Dokl. AN SSSR 146 no.1:125-128 S '62.

PHOTOCONDUCTIVITY

Determining the effective capturing cross sections for majority carriers by copper atoms in germanium on the basis of the nonstationary extrinsic photoconductivity. B.V. Kornilov. Fiz. tver. tela 4 no.9:2416-2418 S '62.

Effect of antimony selenide and telluride on the absorption and photoconductivity of amorphous selenium films [with summary in English]. G.A. Andreeva. Vest. LGU 17 no.16:115-117 '62.

Infrared damping and the photoactivation of the photoconductivity of cadmium selenide single crystals. V.V. Serdiuk. Izv. vys. uch. zav.; fiz. no.4:140-145 '62.

Negative photoconductivity of copper oxide near a point contact. M.S. Kosman, L.I. Nesmelova. Fiz. tver. tela 4 no.9:2608-2610 S '62.

Photoconductivity of HgS single crystals. F.I. Kreingold. Fiz. tver. tela 4 no.9:2597-2600 S '62.

PHOTOELECTRIC CELLS

Optimum operating conditions for silicon phototubes in the case of large luminous fluxes. L.A. Dubrovskii, P.I. Knigin. Izv. AN Uz SSR, Ser. fiz.-mat. nauk 6 no.1:57-61 '62.

Some physical properties of cadmium-coated selenium phototubes (back plate photoelectric effect). I.L. Dmitrienko. Izv. AN Uz. SSSR, Ser. fiz. mat. nauk 6 no.2:67-75 '62.

Spectral coefficients of reflection and sensitivity of silicon phototubes. M.A. Kropotkin, B.P. Kozyrev. Izv. vys. uch. zav.; fiz. no.4:118-122 '62.

PHOTOELECTRIC MEASUREMENTS

Automatic control of ingots for rolling mills. V.V. Kozhevnikov. Mekh. i aviom. proizv. 16 no.8:22 Ag '62.

Photoelectric analysis. V.A. Cherepanov. Izv. vys. ucheb. zav., radiotekh. 5 no.3:408-411 My-Je '62.

Photoelectric measurements in boreholes. V.D. Kovalenko. Geofiz. sbor. no.3:73-80 '62.

Some results of the electrophotometry of clear day sky. G.Sh. Livshits. Izv. Astrofiz. inst. AN Kazakh. SSR 2:131-143 '56.

PHOTOELECTRIC MULTIPLIERS

Automatic device for measuring the light characteristics of photoelectric multipliers. I.A. Arkhangel'skii, V.P. Mikheev, B.M. Stepanov. Aviom. i telem.; sbor. st. no.2:85-94 '62.

Matveev, V.V., and A.D. Sokolov. [Photomultipliers in scintillation counters] Fotoumnozhiteli v stsintillitsionnykh schetchikakh. Moskva, Gosatomizdat, 1962, 155 p.
[MICROFILM]

PHOTOELECTRICITY

Agreement of the photoelectric hypothesis of photo-emf with experiment. Part 2. A.D. Shchelokov. Izv. vys. uch. zav.; fiz. no.4:41-45 '62.

Current induced photo-emf in lead sulfide layers. V.K. Adamchuk, R.IA. Berlaga. Fiz. tver. tela 4 no.9:2382-2384 S '62.

Dependence of the angular distribution of photoelectrons on the γ-radiation energy. A.A. Rimskii-Korsakov, V.V. Smirnov. Izv. AN SSSR, Ser. fiz. 26 no.8:1169-1171 S '62.

Effect of the fatigue of a stibium-cesium cathode on the energy distribution of photoelectrons. G.A. Zheludeva. Radiotekh. i elektron. 7 no.9:1637-1642 S '62.

Effect of the intensity of light on the velocity of surface recombination. M. Azizov. Izv. AN Uz. SSR, Ser. fiz.-mat. nauk 6 no.4:67-71 '62.

Kinetics of the recombination radiation of silicon. I.S. Smirnov, V.S. Vavilov, N.N. Gerasimenko. Fiz. tver. tela 4 no.9:2628-2629 S '62.

Photoelectric properties of GaAs p-n junctions. A.A. Gutkin and others. Fiz. tver. tela 4 no.9:2138-2148 S '62.

Photo-emf generated in the electromagnetic irradiation of an insulated metallic body. Part 1. A.D. Shchelokov. Izv. vys. uch. zav., fiz. no.4:33-40 '62.

Seventy-fifth anniversary of the discovery of the photoelectric effect. Tekh. kino i telev. 6 no.10:93 O '62.

PHOTOENGRAVING—HALFTONE PROCESS

Mathematical method for halftone exposures. V.P. Rusinov. Poligr. proizv. no.9:20-21 S '62.

Relation of the visual density in a reproduction to the area of half-tone dots. IU.P. Selivanov, N.I. Sinikov. Poligr. proizv. no.9:11-13 S '62.

PHOTOGRAPHIC EMULSIONS—TESTING

New method of determining moisture content of materials. F.M. Polonskaia, V.F. Belov. Trudy NIKFI no.45:26-33 '62.

PHOTOGRAPHIC LENSES see Lenses, Photographic

PHOTOGRAPHIC SURVEYING

Bugaets, E.A. [Theory of aerial and terrestrial stereophotogrammetric methods for making topographic maps, second lecture for students of the Mining Department specializing in mine surveying] Teoriia stereofotogrammetricheskogo vozdushnogo i nazemnogo metodov sozdaniia topograficheskikh kart, lektsiia 2-ia dlia studentov gornogo fakul'teta spetsial'nosti "Markscheiderskoe delo." Moskva, Vses. zaochnyi politekhn. in-t, 1960. 65 p.

PHOTOGRAPHY—EQUIPMENT AND SUPPLIES

[Photographic and motion-picture equipment and optical instruments] Ref. zhur. Otd. vyp. 46. Foto-kinoapp. i opt. prib. no.10 O '62.

PHOTOGRAPHY—EXHIBITIONS

Young amateur photographers taking pictures. Nar. obr. no.10:89 O '62.

PHOTOGRAPHY—HANDBOOKS, MANUALS, ETC.

Chudnovskyi, L.IA. [Attention, snapshot; the third meeting of grades 7-8] Uvaha - znimalu; III skhodynka VII-VIII klasy. Kyiv, Dytvydav, 1962. 87 p. (Znat, umiti, zroby)

PHOTOGRAPHY, AERIAL

Intrusion bodies on aerial photographs. V.A. Il'kin. Priroda 51 no.7:108-109 Jl '62.

PHOTOGRAPHY, PARTICLE TRACK

A spark as a tracer. I. Mironov. Znan.-sila 37 no.6:28-30 Je '62.

PHOTOGRAPHY, UNDERWATER

Deep-sea pulse illuminator. Ryb. prom. 56:24-29 '61.

Flash lamp for underwater photography. Ryb. prom. 56:29-32 '61.

Underwater automatic camera. Ryb. prom. 56:3-6 '61.

Underwater camera for making motion pictures. Ryb. prom. 56:8-14 '61.

PHOTOGRAPHY OF SPORTS

Doronskii, L.M. [Dynamism of the photographic image] Dinamichnost' fotokadra. Pod red. E.A. Iofisa. Moskva, Izd-vo "Iskusstvo," 1962. 143 p. illus. (Biblioteka fotolubitelia, no.27)

PHOTOMAGNETIC EFFECT

Theory of the photomagnetic effect in p-n junctions. Sh.I. Ravich. Fiz. tver. tela 4 no.9:2411-2415 S '62.

Theory of the photomagnetic effect in thin semiconducting layers. M. Azizov. Izv. AN Uz. SSR, Ser. fiz.-mat. nauk 6 no.4:62-66 '62.

PHOTOMECHANICAL PROCESSES

Camera for making reproductions which operates in two rooms. I. Germer, V. Edemskii. Poligr. proizv. no.9:15-16 S '62.

"Imitation of autotype in the original" by I.F. Bel'chikov. Reviewed by A. Geodakov. Poligr. proizv. no.9:31-32 S '62.

PHOTOMETERS

Attachment to the MF-4 microphotometer. A.V. Sechkarev. Izv. vys. uch. zav.; fiz. no.4:179-181 '62.

Underwater photometer. Ryb. prom. 56:14-20 '61.

PHOTOMETRY, ASTRONOMICAL

Some characteristics of wave lengths characteristic for the photometering system. D.A. Rozhkovskii. Izv. Astrofiz. inst. AN Kazakh. SSR 2:150-169 '56.

PHOTONUCLEAR REACTIONS

Effect of phonon excitations of nuclei on the characteristics of giant photoabsorption resonance [with summary in English]. V.V. Balashov, V.M. Chernov. Zhur. eksp. i teor. fiz. 43 no.1:227-229 Jl '62.

PHOTONS

How the photon was weighed. A. Mitskevich. Tekh. mol. 30 no.9:9 '62.

PHOTOPERIODISM

Effect of different length of day on the growth, development, and composition of the populations of hairy and Hungarian vetch. S. D. Kiseleva. Sbor. trud. asp. i mol. nauch. sotr. VIR no. 1:119-158 '60

Effect of the length of day on the characteristics of growth and development of grape seedlings. K. D. Stoev, Z. D. Zankov. Agrobiologiia no. 4:554-561 Jl-Ag '62

Effect of the length of day on the growth and development of Javanese. K. Kh. Vardaniia. Agrobiologiia no. 4:628-629 Jl-Ag '62

"Photoperiodism and seasonal development of insects" by A. S. Danilevskii. Reviewed by S. M. Pospelov. Priroda 51 no. 8:103 S '62.

Photoperiodism of some cultivated plants. K. Kh. Vardaniia. Sbor. trud. asp. i mol. nauch. sotr. VIR no. 1:333-347 '60.

Some characteristics of the photoperiod in the development of flax varieties and types in the Ukrainian Polesye. T. S. Anvel'tova. Nauk. pratsi Ukr. nauk.-dosl. inst. zem. 11:52-56 '61.

PHOTOSYNTHESIS

Effect of the internal processes in plants on the productivity of corn leaves [with summary in English]. G. B. Ermilov. Fiziol. rast. 9 no. 4:393-397 '62.

Effect of vitamins on photosynthesis in the English oak (Quercus robur L.). M. V. Kolesnichenko. Dokl. AN SSSR 146 no. 1:233-235 S '62.

Woven from rays. D. Salimov. Znan.-sila 37 no. 7:31-37 Jl '62.

PHOTOSYNTHESIS—CONGRESSES

Conference on the development of the investigation of photosynthesis and bioactinometry in the Estonian S.S.R. L. N. Bell, S. N. Chmora. Fiziol. rast. 9 no. 4:515-516 '62.

PHOTOTELEGRAPHY

Contrast sensitivity and half-tone reproduction in picture transmitting systems. E. L. Orlovskii and others. Elektrosviaz' 16 no. 10:45-55 O '62.

An efficient image transmission system. D. A. Novik. Elektrosviaz' 16 no. 8:50-58 Ag '62

PHTHALIC ACID

Stereochemistry of the oxymercuration of dimethyl ester of exo-cis-3, 6-endoxo-Δ^4-tetrahydrophthalic acid. Iu. K. Iur'ev, N. S. Zefirov, L. P. Prianzhnikova. Zhur. ob. khim. 32 no. 8:2741-2745 Ag '62.

PHTHALIC ANHYDRIDE

Effect of benzoic acid, phthalic and maleic anhydrides on the isotope exchange of sulfur atoms. G. A. Blokh and others. Zhur. ob. khim. 32 no. 9:2800-2803 S '62

PHYSICAL EDUCATION AND TRAINING

Physical culture and the physician. M. V. Kirilak, L. I. Lukatskii. Zdravookhranenie 5 no. 1:14-17 Jl-Ag '62

The scout must be skilled. L. Chicherin. Sov. voin. 44 no. 10:40 O '62.

PHYSICAL EDUCATION FACILITIES

Efficient distribution of sports structures in residential areas. N. Zvegilskii, V. Simbirtsev. Arkhit. SSSR no. 8:45-47 '62

PHYSICAL EDUCATION FOR CHILDREN

Akademiia pedagogicheskikh nauk RSFSR, Moscow. Institut fizicheskogo vospitaniia i shkol'noi gigieny. [Work on physical education in boarding schools] Opyt raboty po fizicheskomu vospitaniiu v shkole-internate. Pod red. V. A. Bondar'enko. Moskva, Izd-vo Akad. pedagog. nauk RSFSR, 1962. 46 p. (Pedagogicheskie chtenila)

Let's make decisive improvements in the physical education of students. M. Stankin. Nar. obr. no. 8:58-61 Ag '62.

PHYSICAL EDUCATION FOR WOMEN

Kondrat'eva, M. M. [Motherhood and physical education] Materinstvo i fizkul'tura. Moskva, Izd-vo "Fizkul'tura i sport," 1961. 39 p. (Bibliotechka "Fizkul'tura i zdorov'e")

Vojackova, Helena. [Movement is a guarantee of the health and beauty of a woman] Dvizhenie - zalog zdorov'ia i krasoty zhenshchiny. Moskva, Izd-vo "Fizkul'tura i sport," 1962. 111 p. illus. (DNLM)

PHYSICAL GEOGRAPHY

(see also subdivision under Africa; Transcarpathia)

University work on the physicogeographical regionalization of the U. S. S. R. and the study of karst. N. A. Gvozdetskii, E. D. Smirnova. Nov. kar. i spel. no. 2:80-83 '61.

PHYSICAL METALLURGY

Objectives of physical metallurgy in the building of a material and technical base of communism. S. V. Vonsovskii. Fiz. met. i metalloved. 14 no. 3:321-326 S '62.

Rakhshtadt, A. G., ed. [Physical properties of metals and their heat treatment] Metallovedenie i termicheskaia obrabotka. Moskva, Metallurgizdat, 1958. 274 p. (Prilozhenie k zhurnalu "Stal'")

PHYSICALLY HANDICAPPED—REHABILITATION

Problem of national significance. M. Evgenov. Sots. obesp. 23 no. 7:46-48 Jl '62.

PHYSICIANS

"Some problems in medical deontology" by S. S. Vail'. Reviewed by S. IA. Freidlin. Zdrav. Ros. Federa. 6 no. 7:36 Jl '62.

Some problems in raising the qualifications of medical personnel in the R. S. F. S. R. V. V. Trofimov. Zdrav. Ros. Feder. 6 no. 7:3-7 Jl '62.

PHYSICIANS—DISEASES AND HYGIENE

Physical culture and the physician. M. V. Kirilak, L. I. Lukatskii. Zdravookhranenie 5 no. 4:14-17 Jl-Ag '62.

PHYSICS

Encyclopedia of theoretical physics. IA. B. Zel'dovich. Priroda 51 no. 7:58-60 Jl '62

Savel'ev, I. V. [General physics course] Kurs obshchei fiziki. Moskva, Fizmatgiz.

Vol. 1. [Mechanics, vibrations and waves, molecular physics] Mekhanika, kolebaniia i volny, molekuliarnaia fizika. 1962. 403 p.

PHYSICS—ABSTRACTS

[Physics] Ref. zhur., Fiz. no. 10 O '62.

PHYSICS—PHILOSOPHY

(see also subdivision under Denmark)

Philosophy and microphysics; discussion of problems in the physics of elementary particles. I. B. Novik. Priroda 51 no. 9:87-89 S '62.

PHYSICS—STUDY AND TEACHING

How physics teachers should prepare for classwork. A. Kachynski, A. Bytseu. Nar. asv. no. 9:62-66 S '62.

Important questions. G. Rzhevuskii. Nar. obr. no. 8:38-40 Ag '62

Jamin interferometer for lecture demonstrations. B. Sh. Perkal'skii, V. L. Lanin. Izv. vys. uch. zav., fiz. no. 4:178-179 '62.

Our study room and groups. A. Glazyrina. Nar. obr. no. 10:34-35 O '62.

Summer time assignments in physics. L. Bytseva. Nar. asv. no. 6:69-72 Je '62.

Supervision of physics lessons. I. I. Linkhov. Vech. stud. shkola 5 no. 3:88-92 My-Je '62.

PHYSIOLOGICAL APPARATUS

Electronic device for the determination of the rate of reflex reactions simultaneously in several subjects. A. F. Akshuk, S. A. Poltorak, A. P. Levko. Gig. i san. 26 no. 12:97-98 D '61.

PHYSIOLOGY

Lietuvos TSR Mokslu akademija, Vilna. Botanikos institutas. [Problems of physiology and biochemistry; a festschrift in honor of the 70th birthday of Professor Vl. Lasas, M. S., Corresponding Member of the Academy of Medicine of the Lithuanian S. S. R., Member of the Academy of Sciences of the Lithuanian S. S. R.] Fiziologijos ir biochemijos klausimai; TSRS Medicinos mokslu akademijos nario korespondento, Lietuvos TSR Mokslu akademijos, akademiko, medicinos mokslu daktaro, profesoriaus Vl. Laso 70 metu sukakciai pamineti. Vilnius, 1962. 274 p. [In Lithuanian with summaries in Russian]

Ukhtomskii, A. A. [Collected works] Sobranie sochinenii. Leningrad, Izd-vo Leningr. univ.

Vol. 6. [Public scientific speeches, scientific and and review articles and materials on the history of Soviet and world physiology] Obshchestvenno-nauchnye vystupleniia, nauchnye i obzornye stat'i i materialy k istorii otechestvennoi i mirovoi fiziologii. 1962. 210 p.

PHYSIOLOGY, PATHOLOGICAL

Ostryi, O. IA. [The infectious process] Infektsionnyi protsess. Moskva, Medgiz, 1962. 353 p. (DNLM)

PHYTOGEOGRAPHY see subdivision under Kotmen Tyube Valley; Ukraine; Ukraine, Western

PHYTONCIDES

Action of various chemicals and phytoncides on a Trichomonas foetus culture through direct contact. S. A. Azhinov. Trudy Rost. NIVS no. 12:195-197 '60.

Influence of phytoncides of plants on the bacterial flora in the air. A. A. Kiuntsel', M. I. Ivanov, M. M. Matveeva. Gig. i san. 26 no. 12:88-89 D '61.

PHYTOPLANKTON

(see also subdivision under Kuybyshev Reservoir)

Mixing of waters as one of the factors limiting biological production in the pelagic zones of seas of temperate latitudes. N. I. Kashkin. Usp. sovr. biol. 53 no. 3:375-390 My-Je '62.

PIATTOLI, SCIPIONE, 1749-1809

Some new data on a hero of L. Tolstoi's novel "War and peace." S. D. Skazkin. Vop. ist. no. 9:199-201 S '62.

PICASSO, PABLO, 1881-

Creator of the "white dove." V. Pionskii. Otv. na vop. trud. no. 6:33-38 Je '62.

PICCARD, AUGUSTF, 1884-1962

Courageous explorer of the stratosphere and sea depths; in memory of Auguste Piccard. B. V. Ivanov. Priroda 51 no. 8:75-77 Ag '62.

PICTURE WRITING, MAYA

Evreinov, E. V., I. G. Kosarev, and V. A. Uspenov. [Use of electronic computers in studying the writing of the ancient Mayas] Primenenie elektronnykh vychislitel'nykh mashin v issledovanii pis'mennosti drevnikh maiia. Novosibirsk, Izd-vo Sibirskogo otd-niia AN SSSR

Vol. 3. [A general systematic catalog of hieroglyphics] Svodnyi sistematizirovannyi katalog ieroglificheskikh znakov. 1961. 341 p.

PIEZOELECTRIC SUBSTANCES

Absorption of ultrasound in piezoelectric semiconductors. V. L. Gurevich, V. D. Kagan. Fiz. tver. tela 4 no. 9:2411-2416 S '62.

PIEZOELECTRICITY

Dependence of the potential difference of barium titanate-based piezoelectric elements on mechanical loading. O. K. Zhukov. Izv. vys. uch. zav., fiz. no. 4:176-177 '62.

PILES (DISEASE) see Hemorrhoids

PILING (CIVIL ENGINEERING)

(see also subdivision under Poland)

Laying pipelines across a swamp on piles. V. V. Spiridonov. Stroi. truboprov. 7 no. 8:28-30 Ag '62

Machines for sinking piles to go under the poles of electric transmission lines. M. A. Rent. Mekh. stroi. 19 no. 9:9-11 S '62.

Mechanization of operations in the construction of pile foundations. I. IA. Olenich, V. G. Konoplyov. Mekh. stroi. 19 no. 9:11-12 S '62.

Study and improvement of methods of pressing piles in. D. Romanov, A. Maltsev. Prom. stroi. i inzh. soor. 4 no. 4:30-33 Jl-Ag '62.

PILING (CIVIL ENGINEERING)—TESTING

Experimental studies of the bearing capacity of spirally guided piles being pulled. I. P. Kirikov. Trudy TSNIIS no. 45:103-122 '62

PIMELIC ACID

Conversion of 2-methylaminomethylenecyclohexanone to pimelic acid. I. P. Vinogradova, S. I. Zavialov. Zhur. ob. khim. 32 no. 8:2744 Ag '62.

PINE see subdivision under Sverdlovsk region

PINEGA VALLEY—NAMES, GEOGRAPHICAL

Pre-Slavic toponymy of the Pinega Valley. G. IA. Simina. Vop. geog. no. 60:85-90 '62.

PIONEERS (COMMUNIST YOUTH)

(see also subdivision under Archangel Province, Minsk)

All-Union Competition of Pioneer Detachments. Nar. obr. no. 10:78-80 O '62.

Beautiful summer days of the Pioneers; a photosketch. M. Minkovich. Belarus' 19 no. 8:7 Ag '62.

Demidova, A. M. [Guard your health; on the 40th anniversary of the Pioneers] Beregi zdorov'e, k 40-letiiu pionerskoi organizatsii imeni V. I. Lenina. Izd-2., pererab. Moskva, Medgiz, 1962. 30 p. (Bibliotechka shkol'nika) (DNLM)

Educational use of the materials of Pioneer newspapers. T. Korsakova. Nar. asv. no. 6:46-51 Je '62.

Good day, Anna Ivanovna! Andrei Gusev. Nar. obr. no. 10:81-87 O '62.

"Pioneer" album. Nar. obr. no. 10:80 O '62.

Spirin, L. [Vera Tereshchenko Pioneers' camp] Pionerskii lager' imeni Very Tereshchenko. [By] B. Bilinenko i dr. Izd. 2., ispr. i dop. Moskva, Uchpedgiz, 1962. 110 p.

[Summer sports of the Pioneers] Pionerskoe sportivnoe leto. Moskva, Izd-vo DOSAAF, 1962. 301 p.

PIPE

Imbritskii, M. I. and A. F. Nikitin. [Handbook on piping and fittings for thermal electric power plants] Spravochnik po truboprovodam i armature dlia teplovykh elektricheskikh stantsii. Moskva, Gosenergoizdat, 1962. 287 p.

PIPE—CLEANING

Semiautomatic unit for shot-blast cleaning of internal and external pipe surfaces. P. I. Shevchenko, I. A. Grankin. Mashinostroenie no. 4:56-57 Jl-Ag '62.

PIPE—HYDRODYNAMICS

Calculating hydraulic impact caused by the scavenging of liquid mains with compressed air. M. V. Sushchikh, N. P. Sushchikh. Izv. vys. uchev. zav.; av. tekh. 5 no. 3:54-61 '62.

PIPE, ASBESTOS-CEMENT

(see also subdivision under Rumania)

The draft of instructions for assembling asbestos-cement pressure conduits. D. V. Salimbekov, R. G. Nadzharov. Vod. i san. tekh. no. 8:30-31 Ag '62.

Laying a water conduit made of asbestos-cement pipes. Bohuslav Dlouhý. Vod. i san. tekh. no. 8:35-36 Ag '62.

PIPE, CAST-IRON

Boguslavskii, M. D., M. M. Volkovich, and P. N. Tkachenko. [Centrifugal pipe casting in lined molds] TSentrobezhnaia otlivka trub v futerovannye izlozhnitsy. Leningrad, 1962. 15 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia Liteinoe proizvodstvo, no. 2)

Laying large-diameter cast-iron pipes in shielded tunnels. V. I. Velikanov. Vod. i san. tekh. no. 8 33-34 Ag '62

PIPE, CAST IRON—CORROSION

Corrosion of cast iron pipe [with summary in English]. A. A. Gorshkov, V. E. Denisevich. Nauch. trudy Inst. lit. proizv. AN URSR. 11 80-84 '62

PIPE, CAST IRON—DEFECTS

Hot crack in tubes of nodular cast iron and ways to avoid them [with summary in English]. B. S. Didyk and others. Nauch. trudy Inst. lit. proizv. AN URSR. 11 70-79 '62

PIPE, CLAY—TESTING

System for hydraulic testing of ceramic water pipes. A. Z. Geltman. Stek. i ker. 19 no. 9:37-10 S '62.

PIPE, CONCRETE

Experimental studies of the manufacture and testing of centrifugal pressure pipes made of self-stressed reinforced concrete. A. N. Popov, Z. M. Burdenkova. Trudy NIIZHB no. 27:171-182 '62.

Manufacture of pressureless socket pipes by centrifugation. G. I. Zhizhel', E. M. Stankevich. Mekh. stroi. 19 no. 4:14-16 Ap '62.

Manufacturing techniques and approximate calculations for self-stressed reinforced concrete pressure pipes. A. K. Karasev. Trudy NIIZHB no. 27:183-202 '62.

Prefabricated elements of the outlet part of the drainage of earth dams. V. IA. Krasnov, B. A. Kudrin. Izv. vys. uch. zav.; stroi. i arkhit. 5 no. 1:115-148 '62.

PIPE, GLASS

Butt joints for glass pipe made of glass reinforced plastic. V. Samsonov, IA. Bagrii, V. Blalykh. Bud. mat. i konstr. 4 no. 2:32-34 Mr-Ap '62.

Formulas for hydraulic calculations for glass pipes. A. S. TSeitlin, I. A. Gritsenko, A. L. Zorchenko. Vod. i san. tekh. no. 8 29 Ag '62.

Use of glass pipe for the construction of underground pipelines. M. S. Krasnitskii. Stroi. truboprov. 7 no. 8: 30 Ag '62.

Use of glass piping in fish canneries. M. S. Usach. Ryb. khoz. 38 no. 8:72-74 '62.

PIPE, GLASS—TESTING

Glass heat-resistant pipe. P. Tokarev. Bud. mat. i konstr. 4 no. 2 26-29 Mr-Ap '62.

PIPE, STEEL

(see also subdivision under Great Britain)

Manufacture of stamped ventilation outlets from roofing steel. V. D. Shevtsov, M. A. Tartakovskii. Mont. i spets. rab. v stroi. 24 no. 9:16-18 S '62.

PIPE, STEEL—CONGRESSES

All-Union Conference of Pipe Mill Workers. S. I. Borisov, G. IA. Ostrin. Met. i gornorud. prom. no. 4 65-67 Jl-Ag '62.

PIPE, STEEL—WELDING

Prospects for expanding the production of large diameter, electrically welded pipe. B. E. Paton. Met. i gornorud. prom. no. 4:26-31 Jl-Ag '62.

Semiautomatic welding of the pipes of sanitary-engineering systems. S. D. Dubrovkin, N. N. Chistiakov. Vod. i san. tekh. no. 8 12-15 Ag '62.

PIPE BENDING

PIPE MILLS

Automation of a seven-roll straightener. G. P. Korotkii, I. S. Filonenko. Mekh. i avtom. proizv. 16 no. 9:11-13 S '62.

Comparing pipe deformation by reduction mills with various grooving. A. K. Zimin. Met. i gornorud. prom. no. 4 42-44 Jl-Ag '62.

Developing a technique of pipe drawing on drum mills. G. A. Savin, M. D. Medvinskii. Metallurg 7 no. 9, 16-19 S '62.

Gromov, N. P., ed. [Rolling practice and pipe manufacture] Prokatnoe i trubnoe proizvodstvo; sbornik statei. Moskva, Metallurgizdat, 1958. 384 p. (Prilozhenie k zhurnalu "Stal' ")

Mills for the manufacture of pipe with helical joints. Met. i gornorud. prom. no. 3 88-89 My-Je '62.

More pipe for the national economy. Metallurg 7 no. 8: 29-30 Ag '62.

Pipe discards in rolling on three-high mills. IU. I. Vashchenko. Metallurg 7 no. 10:37-39 O '62

Work practices in cold rolling mills. P. N. Minin. Metallurg 7 no. 8:34-35 Ag '62.

PIPE MILLS—HYGIENIC ASPECTS

Dry dust removal during pipe finishing. A. I. Nizharadze, Sh. E. Chilashvili, G. G. Dzhanashvili. Metallurg 7 no. 9:32-33 S '62.

PIPE MILLS—QUALITY CONTROL

Improving the quality of thin-walled pipe. M. M. Musa-Zade, B. I. Podzharskii. Metallurg 7 no. 10:36-37 O '62.

PIPELINE TRANSPORTATION OF SOLIDS see Hydraulic conveying

PIPELINES

At the most important pipeline construction projects. Stroi. truboprov. 7 no. 8:2-3 Ag '62.

Bitumen-melting kettle for work on mountain routes. P. Prilezhka. Stroi. truboprov. 7 no. 8:25 Ag '62.

Calculations for immobile supports for underground pipelines. I. E. Gal'braikh. Stroi. truboprov. 7 no. 8:8-11 Ag '62.

Calculations for the work of filling in when determining the ballasting of pipelines at submerged sections. K. V. Popsuenko. Stroi. truboprov. 7 no. 8:7-8 Ag '62.

Construction of crossings on the "Druzhba" petroleum pipeline. A. V. IUrlov. Stroi. truboprov. 7 no. 8:16-18 Ag '62.

Design details and calculations for suspended and arched crossings. V. I. Kireenko. Stroi. truboprov. 7 no. 8: 12-15 Ag '62.

Hydraulic shock absorber for pipe lines. A. L. Trebukov. Gor. zhur. no. 9:51-52 S '62.

Improve the organization of the supply of materials and equipment. T. S. Gasparov. Stroi. truboprov. 7 no. 8: 6 Ag '62.

Laying pipelines across a swamp on piles. V. V. Spiridonov. Stroi. truboprov. 7 no. 8:28-29 Ag '62.

Nauchnaia konferentsiia po problemam neftianoi, gazovoi i neftekhimicheskoi promyshlennosti. [Abstracts of reports of the Conference on the Problems of the Petroleum, Gas, and Petrochemical Industries; Section "Transportation and Storage of Petroleum and Gas and Construction of Pipelines."] Tezisy dokladov: Sektsiia "Transport i khranenie nefti i gaza i sooruzhenie truboprovodov." Moskva, Gostoptekhizdat, 1962. 19 p.

On "Instructions for designing mine pipelines." Biul. stroi. tekh. 19 no. 3:17 Mr '62.

PIPELINES—ABSTRACTS

[Pipeline transportation] Ref. zhur. Otd. vyp. 45: Trub. transp. no. 10 O '62.

PIPELINES—BUILDINGS AND STRUCTURES

Using the KTS-3 truck-mounted crane in the assembly of groundlevel structures. G. A. Kharlamov. Stroi. truboprov. 7 no. 8:20 Ag '62.

PIPELINES—COLD WEATHER CONDITIONS

Prepare well and in good time for the fall and winter period. K. K. Smirnov. Stroi. truboprov. 7 no. 8:3-5 Ag '62.

PIPELINES—CORROSION

Nikitenko, E. A. [Electrochemical protection of gas mains against corrosion] Elektrokhimicheskaia zashchita magistral'nykh gazoprovodov ot korrozii. Moskva, Gostoptekhizdat, 1962. 231 p. [MICROFILM]

On "Technical instructions for rubberizing equipment and inspecting its quality." Biul. stroi. tekh. 19 no. 3:19 Mr '62.

PIPELINES—HYDRODYNAMICS

Solving a problem of the unsteady viscous fluid flow in manifolds. G. P. TSybul'skii. Trudy KF VNII no. 9: 129-135 '62.

PIPELINES—TECHNOLOGICAL INNOVATIONS

Fight for the introduction of innovations. A. Semin. NTO 4 no. 10:10-11 O '62.

PIPERAZINE

Simplified mass dehelminthization of the population with piperazine preparations in ascariasis [with summary in English]. L. M. Zinkishvili, P. V. Chkhaidze. Med. parazit. i parazit. bol. no. 3 288-291 '62.

Single-dose mass treatment of ascariasis with piperazine adipinate. L. G. Abramova. Med. parazit. i parazit. bol. no. 3:285-287 '62.

Treatment of ascariasis by means of single doses of piperazine adipinate in the Lithuanian S. S. R. S. Levitas. Med. parazit. i parazit. bol. no. 4 291-294 '62.

Treatment of ascariasis by the method of single-dose piperazine adipinate administration in the Moldavian S. S. R. E. I. Simkhovich, A. I. Grinberg, I. M. Raitfel'd. Med. parazit. i parazit. bol. no. 3 291-295 '62.

PIPERIDINE

Action of piperidine on β-acylamino ketones. N. S. Kozlov, G. N. Kozlov. Zhur. ob. khim. 12 no. 8,2128 2431 Ag '62

PIPERIDINOL

Heterocyclic compounds. Part I: Configuration of 2,5-dimethyl-1-ethynyl (vinyl and ethyl)-1-piperidinols. A. Sh. Shumkhakov, F. G. Sarbaev, S. A. Usupov. Zhur. ob. khim. 32 no. 8:2608-2614 Ag '62

PIPES—HYDRODYNAMICS

Mechanism of hydraulic hammer in standard pipes. T. S. Alekseev. Trudy KF VNII no. 9:130-150 '62.

PIPETTES

Automatic micropipette. N. D. Ul'ianova. Lab. delo 8 no. 8:51-52 Ag '62.

PISTACHIO see subdivision under Badkhyz, Kopet-Dag

PISTOL SHOOTING

Firing from a revolver on a circular target and silhouette. L. Vainshtein. Voen. znan. 38 no. 9:29-29 S '62.

PISTON RINGS

"Investigating piston rings of tractor-type engines" by V. G. Gonchirenko. Reviewed by B. IA. Girshberg, A. [illegible] Rubinovich. Vest. mashinostr. 42 no. 9:91-87 S '62.

Investigating some technological factors affecting the fitting and radial pressure diagram of piston rings. F. L. Kardashin. Avt. prom. 28 no. 10:32-35 O '62.

Wear of nodular cast iron piston rings during the running-in period [with summary in English]. B. P. Pukhlenov, V. I. Tikhonovich. Nauch. trudy Inst. lit. proizv. AN URSR 11:119-123 '62.

PITUITARY BASOPHILISM see Cushing syndrome

PITUITARY BODY

Effect of nadrogenic and the elimination of pituitary gland function on the development of cancer of the uterus caused by dimethylbenzanthracene. L. I. Charkiani. Vop. onk. 8 no. 8:70-74 '62.

Significance of the adreno-pituitary system for the function of the hematoencephalic barrier. I. V. Mal'kova. Usp. sovr. biol. 53 no. 3,347-363 My-Je '62.

PLAGIARISM

Somebody else's words. I. P. Izd. SSSR 6 no. 5:253-254 S-O '62.

PLAGIOCLASE see subdivision under Dniester Valley

PLANETS, MINOR

Akademiia nauk SSSR. Institut teoreticheskoi astronomii. [Ephemerides of minor planets for 1963 god. Moskva, Izd-vo Akad. nauk SSSR.
Vol. 17. 1962. 167 p.

PLANING HULLS

Winged ship pioneers. D. Stepanov. Rech. transp. 21 no. 9:52 S '62.

PLANING MACHINES

Universal carriage for machining spherical surfaces. Mashinostroitel' no. 9, 27 S '62.

PLANT BREEDING

(see also subdivision under Ukraine)

How we create new plants. S. Rusakovs'kyi. Volov. ateist no. 12:14-16 D '61.

PLANT BREEDING—CONGRESSES

Following Michurin's theories. B. E. Berchenko. Zemledelie 24 no. 8:89-91 Ag '62.

PLANT COMMUNITIES

Markov, M. V. [General geobotany] Obshchaia geobotanika. Moskva, Gos. izd-vo "Vysshaia shkola," 1962. 448 p.

PLANT CUTTINGS

Improved method of inverted stratification. I. K. M. Abdullaev. Sbor. trud. asp. i mol. nauch. sotr. VIII no 1: 300-303 '60.

PLANT INTRODUCTION

History of the introduction of the representatives of the genus Gleditschia L. in Turkmenistan. N. N. Muratgel'dyev. Izv. AN Turk. SSR, Ser. biol. nauk no. 4:17-27 '63.

PLANT PHYSIOLOGY

Akademiia navuk BSSR, Minsk. Instytut bitalogii [Physiology and biochemistry of plants] Fiziologiia i biokhimiia rastenii Minsk, Izd-vo Akad. nauk BSSR, 1962. 127 p.

Anthocyanin color as a character in breeding for fast growth and early ripening [with summary in English]. N.A. Maisuradze, A.I. Tiutiunnikov. Izv. TSKHA no.3: 59-65 '62.

Internal organization of physiological processes in plants and the new principles of plant growing. A.L. Kursanov. Vest. AN SSSR 32 no.9:19-67 S '62.

"Life of plants" by K.A. Timiriazev. Book review. Priroda 51 no.8:13 Ag '62

"Plant physiology" by V.A. Novikov. Reviewed by P.S. Belikov. Fiziol. rast. 9 no.4:511-514 '62.

PLANT TEMPERATURE

Dependence of the phenological phases in birch and spruce on the temperature of the trees themselves [with summary in English]. V.V. Kirichkov. Bot. zhur. 47 no.7:923-937 Jl '62.

PLANTS

"Origin of plants" by V.L. Komarov. A book review. Priroda 51 no.7:98 Jl '62

PLANTS—ASSIMILATION

Effect of light and carbon dioxide supply on the characteristics of biochemical processes in young kidney bean and corn plants [with summary in English]. V.M. Parshykov, V.O. Maksymov. Ukr. bot. zhur. 19 no.4: 31-4 '62.

Vital activities of plant roots and conditions determining their absorption power; as exemplified by lemon and apple seedlings. E.V. Noskova. Uch. zap. Kuib. gos. ped. inst. no.35:57-82 '61.

PLANTS—CHEMICAL ANALYSIS

Protein characteristics of plants, their qualitative analysis and quantitative determination of the degree of their structural similarity by serological methods [with summary in English]. I. Kloz. Fiziol. rast. 9 no.4:496-501 '62.

PLANTS—DISEASE AND PEST RESISTANCE

Gorlenko, M.V. [Concise course in the immunity of plants to communicable diseases] Kratkii kurs immuniteta rastenii k infektsionnym boleznniam. Izd. 2., ispr. i dop. Moskva, Gos. izd-vo "Vysshaia shkola," *1962. 302 p.*
(DNAL)

PLANTS—FROST RESISTANCE

Effect of fall fertilizing on the frost resistance and yield of winter wheat; comparing with band placement of fertilizers. N.A. Fedorova. Nauk. pratsi Ukr. nauk.-dosl. inst. zem. 11:3-8 '61.

Frost resistance of corn specimens during the period of seed germination at lowered temperatures above freezing point. A.F. Koval'. Shor. trud. asp. i mol. nauch. sotr. VIR no.1:94-104 '60.

Frost resistance of generative organs of the tea plant. V.A. Cherevatenko. Shor. trud. asp. i mol. nauch. sotr. VIR no.1:402-405 '60.

Preliminary evaluation of a collection of early and medium self-pollinated lines of corn according to their frost resistance. T.I. Baranova. Shor. trud. asp. i mol. nauch. sotr. VIR no.1:89-93 '60.

Relation of Juglans regia L. to negative temperatures of air and possibilities for the commercial cultivation of walnut in the northwestern Caucasus. N.I. Semenov. Shor. trud. asp. i mol. nauch. sotr. VIR no.1:370-381 '60.

Resistance of corn specimens of different origin to early fall frosts. A.F. Koval'. Shor. trud. asp. i mol. nauch. sotr. VIR no.1:104-121 '60.

PLANTS—HARDINESS

A school of plant hardening. V. Lobanov, D. Chernikov. *Nauka i rel. no.6:18-22 Je '62.*

PLANTS—HYBRIDIZATION see Hybridization, Vegetable

PLANTS—IRRITABILITY AND MOVEMENTS

Effect of adenosine triphosphate on the maintenance of circular movement of protoplasm in the damaged cells of Nitella [with summary in English]. A.M. Sinukhin, E.A. Peterburgskaia. Izv. TSKHA no.2:200-205 '62.

PLANTS—METABOLISM

Acid-soluble compounds in rape and sugar beet plants grown at different soil temperatures and given different *mineral nutrients. V.P. Dadykin, R.P. Ivanova.* Dokl. AN SSSR 146 no.1:229-232 S '62.

Changes in the content of phosphorus compounds in plants grown under anaerobic conditions. G.M. Grineva. Dokl. AN SSSR 146 no.2:475-477 S '62.

Effect of the growth phase of leaf tissues and water regime on tryptophan synthesis in wheat leaves [with summary in English]. L.D. Prusakova. Fiziol. rast. *9 no.4:448-453 '62.*

Gibberellin and auxin metabolism in plants [with summary in English]. M.M. Gukova, V.V. Faustov. Izv. TSKHA *no.2:47-56 '62.*

Studying water metabolism in plants with the aid of heavy water (D_2O) [with summary in English]. F.D. Samuilov, Iu.IA. Efremov. Fiziol. rast. 9 no.4:438-445 '62.

PLANTS—REPRODUCTION

Fruit bearing and seed germination under laboratory conditions in wild licorice (Glycyrrhiza glabra L.) from the Apsheron Peninsula [in Azerbaijani with summary in Russian]. S.M. Museneva. Izv. AN Azerb. SSR. Ser. biol. i med. nauk no.5:23-27 '62.

PLANTS—RESPIRATION

Analysis of the kinetics of gas exchange in illuminated plants [with summary in English]. O.D. Bykov. Fiziol. rast. 9 no.4:408-414 '62.

Effect of malonic acid on the respiration of soybean leaves [with summary in English]. A.E. Petrov-Spiridonov. Izv. TSKHA no.2:206-208 '62.

Effect of soil temperature on the respiration and the activity of oxidative root enzymes of cold-resistant and thermophilic plants [with summary in English]. A.I. Korovin, T.A. Buraskaia. Fiziol. rast. 9 no.4 415-418 '62.

PLANTS—TRANSPIRATION

Effect of different times and types of sowing on the water balance and yield of forage plants in dry farming [in Azerbaijani with summary in Russian]. A.M. Mamedov. Izv. AN Azerb. SSR. Ser. biol. i med. nauk no.3: 13-19

PLANTS—WATER REQUIREMENTS

Characteristics of the state of water in plants [with summary in English]. N.A. Gusev. Fiziol. rast. 9 no.4 432-437 '62.

PLANTS, CULTIVATED

Photoperiodism of some cultivated plants K. Kh. Vardanila. Shor. trud. asp. i mol. nauch. sotr. VIR no.1: 333-347 '60.

PLANTS, EFFECT OF ANTIBIOTICS ON

Recent developments in the agricultural science in socialist countries. Vest. sel'khoz. nauki 7 no.8:140-141 Ag '62.

PLANTS, EFFECT OF ARIDITY ON

Possibility of restoring some disturbed processes in wheat plants injured by drought [with summary in English]. T.G. Kydrev, L.A. Tiankova. Fiziol. rast. 9 no.4:426-431 '62.

PLANTS, EFFECT OF BORON ON

Effect of boron and molybdenum on the yield and botanical composition of natural meadows in the meadow-steppe zone [in Armenian with summary in Russian]. E.Z. Kazarian. Izv. Upr. sel'khoz. nauki Arm. SSR 5 no.6: 29-38 '62.

PLANTS, EFFECT OF DRYING AGENTS ON

Accelerating the maturation of plants before harvesting. I. D. Stonov Priroda 51 no.7:81-84 Jl '62

PLANTS, EFFECT OF ELECTRICITY ON

Electronic growth stimulator. B. Ivanov. IUn. nat. no.8: 31 Ag '62.

Treating seed before sowing with high-voltage alternating current [with summaries in English, German, and French]. M.G. Evreinov and others. Vest. sel'khoz. nauki 7 no.8:95-98 Ag '62.

PLANTS, EFFECT OF INFRARED RAYS ON

Role of infrared radiation on the vital activies of plants. I.A. Shul'gin. Dokl. AN SSSR 140 no.2:484-487 S '62.

PLANTS, EFFECT OF LIGHT ON

Analysis of the kinetics of gas exchange in illuminated plants [with summary in English]. O.D. Bykov. Fiziol. rast. 9 no.4:408-414 '62.

Effect of light and darkness on the chemical composition of the green alga Scenedesmus quadricauda. M.V. Pakhomova, G.P. Serenkov. Vest. Mosk. un. Ser. 6 Biol., pochv. 17 no.4:44-47 Jl-Ag '62.

Effect of light on the formation and composition of anthocyanins in potato tubers during vernalization. S.A. Stanko. Dokl. AN SSSR 146 no.2:480-483 S '62.

Light and the development of plants [translated from the English]. W.L. Butler, R.J. Downs. Priroda 51 no.8: 48-54 Ag '62.

Oxidation-reduction characteristics of plants during the vernalization and light stages [with summary in English]. F.IA. Mekbanik. *Zhur. ob. biol. 23 no.4:265-275 Jl-Ag '62.*

Photoperiods in some pulse crops V.V. Tiamin. *Agrobiologiia no.4:562-565 Jl-Ag '62*

Qualitative changes in the phenol composition of the coleoptiles of wheat during growth inhibition by light [with summary in English]. P.A. Kolesnikov, S.V. Zorn. Fiziol. rast. 9 no.4:454-460 '62.

PLANTS, EFFECT OF MALONIC ACID ON

Effect of malonic acid on the respiration of soybean leaves [with summary in English]. A.E. Petrov-Spiridonov. Izv. TSKHA no.2:206-208 '62.

PLANTS, EFFECT OF MOLYBDENUM ON

Effect of boron and molybdenum on the yield and botanical composition of natural meadows in the meadow-steppe zone [in Armenian with summary in Russian]. E.Z. Kazarian. Izv. Upr. sel'khoz. nauki Arm. SSR 5 no.6: 29-38 '62.

Molybdenum and crop yields. I.A. Burkin. Priroda 51 no.8:80-84 Ag '62.

PLANTS, EFFECT OF NITROGEN ON

Effect of different forms of nitrogen fertilizers on carbohydrate and protein metabolism in hemp [with summary in English]. B.V. Lesik. Fiziol. rast. 9 no.4:470-479 '62.

PLANTS, EFFECT OF PHOSPHORUS ON

Uptake of phosphorus in hemp through the leaves. I.A. Berzak. Fiziol. rast. 9 no.4:486-488 '62.

PLANTS, EFFECT OF POTASSIUM ON

Effect of potassium on the water balance and yield of Lenkoran wheat. A.I. Shuchukina. Uch. zap. Kuib. gos. ped. inst. no.35:47-56 '61.

PLANTS, EFFECT OF RADIATION ON

"Effect of ionizing radiation on plants" by I.M. Vasiliev. A book review. Priroda 51 no.7:95 Jl '62.

PLANTS, EFFECT OF SOIL MOISTURE ON
(see also subdivision under Russia, Southern)

Relation between soil moisture conditions and the rate of corn growth. S.V. Tikhomirova, N.B. Menshchutkina. Trudy TSIP no.101 97-101 '62.

PLANTS, EFFECT OF SOIL TEMPERATURE ON

Effect of soil temperature on the respiration and the activity of oxidative root enzymes of cold-resistant and thermophilic plants [with summary in English]. A.I. Korovin, T.A. Buraskaia. Fiziol. rast. 9 no.4: 415-418 '62.

Temperature and root growth [with summary in English] I.A. Mazurenko. Fiziol. rast. 9 no.3:419-424 '62.

PLANTS, EFFECT OF STRONTIUM ON

Ways for diminishing the penetration of radiostrontium into plants [with summaries in English, German, and French]. M.K. Mel'nikova, L.S. Dolnenko, A.D. Kuzolina. Vest. sel'khoz. nauki 7 no.8:128-131 Ag '62

PLANTS, EFFECT OF TEMPERATURE ON
(see also subdivision under Armenia)

Comparative physiological evaluation of ecologic types of melons based on heat resistance. N.G. Gordeeva. Shor. trud. asp. i mol. nauch. sotr. VIR no.1:233-238 '60.

Effect of seed germination at variable temperatures on the growth and yield of carrots. L.V. Sazonova. Shor. trud. asp. i mol. nauch. sotr. VIR no.1:216-220 '60.

Sprouting of potato tubers at decreased temperature. M.A. Vavilova. Shor. trud. asp. i mol. nauch. sotr. VIR no.1:103-107 '60.

Vital activity of the garden tulip during the cold season of the year. E.F. Migushova. Shor. trud. asp. i mol. nauch. sotr. VIR no.1:426-433 '60.

PLANTS, EFFECT OF TRACE ELEMENTS ON

Effect of microelements on the oxidation-reduction processes, growth, and development of some woody plants. B.Z. Guseinov. Izv. AN Azerb. SSR. Ser. biol. i med. nauk no.3:7-12 '62.

Twenty-third Timiriazev Lecture. Vest. AN SSSR 32 no.9 148-149 S '62.

PLANTS, EFFECT OF UREA ON

Experiments in foliar feeding of wheat using a urea solution [translated from the French]. L. Hovny. Zemledelie 24 no.6:88-89 Ag '62.

PLANTS, EFFECT OF VITAMINS ON

Effect of vitamins on photosynthesis in the English oak (Quercus robur L.). M.V. Kolesnichenko. Dokl. AN SSSR 146 no.1:233-235 S '62.

PLANTS, EFFECT OF X RAYS ON

Effect of high doses of X rays on the growth and metabolism of physiologically active substances in pea sprouts. S.O. Grabinskii, L.P. Stungovshchikova, E.I. Litepio. Dokl. AN SSSR 140 no.2.471-474 S '62.

PLANTS, EFFECT OF ZINC ON

Effect of zinc in increasing the resistance of various cucumber varieties to bacteriosis. M.N. Rodigin, T.I. Minaeva. Dokl. AN SSSR 140 no.2.478-479 S '62.

PLANTS, FLOWERING OF
(see also subdivision under Mamalayevo region)

Characteristics of the flowering of corn under arid conditions in the Crimea. S.P. Tikhonov. Shor. trud. asp. i mol. nauch. sotr. VIR no.1:84-89 '60.

Comparative characteristics of the biology of flowering and pollination of wheat and rye. IU.F. Laptev. Shor. trud. asp. i mol. nauch. sotr. VIR no.1:32-36 '60.

Development of flower buds in Cornelian cherry dogwood. T.G. Beliaeva. Shor. trud. asp. i mol. nauch. sotr. VIR no.1:265-266 '60.

PLANTS, PROTECTION OF

For harvest protection. B.V. IAkovlev. Priroda 51 no.9:116-117 S '62.

Scientific problems of harvest protection. B.V. IAkovlev. Vest. AN SSSR 32 no.9:136-140 S '62.

PLANTS, PROTECTION OF—CONGRESSES

Fourteenth International Symposium on Plant Protection. *Khim. prom no.8:621 Ag '62.*

PLANTS, SEX IN

Role of leaves in the sexualization and differentiation of buds in citrus plants. I. S. Kapanadze. Sbor. trud. asp. i mol., nauch. sotr., VIR no. 1:303-307 '60

Vital activity of buds as related to sexual differentiation in woody forest plants [with summary in English]. E. G. Minina. Bot. zhur. 47 no. 7, 938-944 Jl '62.

PLANTS, SPACE ARRANGEMENT OF

Effect of the density of plantation on the development of the root system in corn [with summaries in English, German, and French]. V. S. Sokolov. Vest. sel'khoz. nauki 7 no. 8:31-33 Ag '62.

PLANTS AS INDICATORS see Indicator plants

PLASMA (IONIZED GASES)

Conical source of plasma clots. Iu. S. Azovskii and others. Zhur. tekh. fiz. 32 no. 9:1050-1054 S '62

Determining the transport coefficients in a plasma by Grad's method. M. V. Samokhin. Zhur. tekh. fiz. 32 no. 9:1055-1062 S '62.

Development of the electrostatic instability of a plasma in a high magnetic field. A. A. Vedenov, E. P. Velikhov. Dokl. AN SSSR 146 no. 1:65-68 S '62

Diamagnetic in stability of a plasma involving ions with large Larmor radii [with summary in English]. A. B. Mikhailovskii. Zhur. eksp. i teor. fiz. 43 no. 1 230-233 Jl '62

Distribution function of an electric microfield in an ionized gas [with summary in English]. V. N. Allamovskii. Zhur. eksp. i teor. fiz. 42 no. 6:1536-1542 Je '62.

Effect of radiation on a charged particle passing through a magnetoactive plasma. V. N. TSytovich. Zhur. eksp. i teor. fiz. 43 no. 1 327-329 Jl '62

Effect of spatial amplification of variable magnetic fields in the case of magnetoacoustic resonance in a plasma [with summary in English]. I. A. Kovan and others. Zhur. eksp. i teor. fiz. 43 no. 1 16-20 Jl '62

Effect of the field gradient of an intensive electromagnetic ray on electrons and atoms [with summary in English]. G. A. Askar'ian. Zhur. eksp. i teor. fiz. 42 no. 6:1587-1570 Je '62.

Establishment of thermal equilibrium between a neutral gas and electrons. IA. P. Kotov, G. IA. Umarov. Izv AN Uz. SSR, Ser. fiz.-mat. nauk 6 no. 4:52-56 '62.

Excitation of oscillations in the passage of a beam of slow ions through a plasma [with summary in English]. M. D. Gabovich, G. S. Kirichenko. Zhur. eksp. i teor. fiz. 42 no. 6:1478-1480 Je '62.

Hydrodynamic description of the motion of charged particles in a weakly ionized plasma [with summary in English]. IU. L. Klimontovich, V. P. Silin. Zhur. eksp. i teor. fiz. 43 no. 1:146-152 Jl '62.

Ionization in spherical flames by the method of probe characteristics. L. S. Semenov, A. S. Sokolik. Zhur. tekh. fiz. 32 no. 9:1074-1083 S '62.

Let's study the problems of plasma A. A. Kuliaeva. Vest. vys. shkoly 20 no. 6:72 Ag '62.

Magnetoacoustic waves in a cylindrical plasma column, allowing for nonlinearity and absorption [with summary in English]. S. I. Soluian. Zhur. eksp. i teor. fiz. 43 no. 1, 185-192 Jl '62.

New model of a conducting gas. N. N. Popov. Izv. vys. ucheb. zav.; av. tekh. 5 no. 3:46-53 '62.

Nonlinear theory of the interaction between beams of charged particles and a plasma in a magnetic field [with summary in English]. V. D. Shapiro, V. I. Shevchenko. Zhur. eksp. i teor. fiz. 42 no. 6:1515-1528 Je '62.

Shock waves in a rarefied plasma placed in a weak magnetic field. S. S. Moiseev, R. Z. Sagdeev. Dokl. AN SSSR 146 no. 2:329-332 S '62.

Some evaluations of a pulse plasma accelerator. N. I. Kolesnitsyn. Vest. Mosk. un. Ser. 3: Fiz., astron. 17 no. 4:18-23 Jl-Ag '62.

Structure of an arc discharge column in argon. Part 1. Local electric characteristics of the column. V. F. Kitaeva and others. Zhur. tekh. fiz. 32 no. 9:1064-1089 S '62.

Structure of an arc discharge column in argon. Part 2. Radius of the column and the radial distribution form. V. N. Kolesnikov, N. N. Sobolev. Zhur. tekh. fiz. 32 no. 9:1090-1094 S '62.

Structure of a plasma jet produced by a pulse discharge. L. I. Grechikhin, L. IA. Min'ko. Zhur. tekh. fiz. 32 no. 9:1072-1073 S '62.

Structure of nonlinear waves in a plasma. V. N. TSytovich. Zhur. tekh. fiz. 32 no. 9:1042-1049 S '62.

Theory of the stability of a conducting fluid cylinder in a magnetic field. IU. V. Vandakurov. Prikl. mat. i mekh. 26 no. 5:877-884 S-O '62.

Thermal fluctuations of a plasma. V. P. Milant'ev, IU. A. Popov. Vest. Mosk. un. Ser. 3: Fiz., astron. 17 no. 4: 55-59 Jl-Ag '62.

PLASMA (IONIZED GASES)—ELECTRIC PROPERTIES

Experimental study of the conductivity of the products of combustion of methane-oxygen mixtures with alkali metal additives. E. P. Zimin, V. A. Popov. Zhur. tekh. fiz. 32 no. 9:1099-1101 S '62.

PLASMA (IONIZED GASES)—SPECTRA

Broadening of spectra lines in a strongly ionized plasma. Part 2. Broadening of the lines of ions of inert gases. M. A. Mazing, N. A. Vrublevskaia. Opt. i spektr. 13 no. 3 306-312 S '62.

PLASMA OSCILLATIONS

Theory of stationary waves in a bounded plasma. R. Leven Vest. Mosk. un. Ser. 3 Fiz., astron. 17 no. 4. 30-39 Jl-Ag '62.

PLASTERING

Akademiia stroitel'stva i arkhitektury SSSR. Institut organizatsii, mekhanizatsii i tekhnicheskoi pomoshchi stroitel'stvu. [Plastering] Shtukaturnye raboty. Izd. 2, ispr. i dop. Moskva, Gosstroiizdat, 1962. 251 p. (Serila prakticheskikh posobii po povysheniiu masterstva v zhilishchnom stroitel'stve)

PLASTIC BEARINGS

Using sliding bearings made of "antegmit" plastics. G. I. Kondrin. Biul. tekh.-ekon. inform., Gos. nauch.-issl. inst. nauch. i tekh. inform. no. 9:25-27 '62.

PLASTIC FOAMS—TESTING

Mechanical properties of foam plastics allowing for the factor of time. K. V. Panferov, S. V. Kolpakov Trudy TSNIISK no. 11 355-378 '62.

PLASTIC INDUSTRY—HYGIENIC ASPECTS

Karpov, B. D. and N. I. Karpova. [Work hygiene in the plastics industry (laminates)] Gigiena truda v proizvodstve plasticheskikh mass; sloistye plastiki. Leningrad, Medgiz, 1962. 30 p. (Nauchno-populiarnaia meditsinskaia literatura)

PLASTICITY

Flow of a plastic inhomogeneous material through a tapering channel. M. A. Zadoian. Izv. AN Arm SSR, Ser. fiz.-mat. nauk 15 no. 3:51-57 '62.

Proof of some theorems in the flow theory for hardening solids [with summary in English]. R. A. Vasin. Vest. Mosk. un. Ser. 1: Mat., mekh. 17 no. 5-60-64 S-O '62.

Rigid-plastic flexure of an anisotropic cantilever. M. S. Sarkisian. Izv. AN Arm. SSR, Ser. fiz.-mat. nauk 15 no. 3:59-69 '62.

PLASTICS

Furniture made with plastics. A. M. Kriuchkov. Der. prom. 11 no. 10:19-21 O '62.

Glued three-layer slabs made with plastic. A. B. Gubenko and others. Trudy TSNIISK no. 11:64-224 '62.

Hygienic evaluation of floor covering made of plastic materials. K. I. Stankevich. Gig. i san. 26 no. 12: 81-82 D '61.

Manufacture of casting models from "TSh styracryl." R. Tumanian, Kh. Avakian. Prom. Arm. 5 no. 9:31-32 S '62.

Method of finishing particle boards with plastics. V. A. Sizov, N. A. Ivanov. Der. prom. 11 no. 10:1-3 O '62.

Models of current conducting plastics. A. A. Shturman and others. Mashinostroitel' no. 9:41 S '62.

Parnov, E. I. [Invulnerable materials] Neuiazvimye materialy. [Moskva] Mosk. rabochii, 1962. 53 p.

Plastic parts. A. V. Kozhaev. Mashinostroitel' no. 9: 42-43 S '62.

Some experimental studies of the creation of dies for manufacturing reinforced concrete products with facing. Z. M. Burdenkova. Trudy NIIZHB no. 27:203-212 '62.

Structural plastics and elements made of them. A. B. Gubenko, G. N. Zubarev, I. S. Petrov. Trudy TSNIISK no. 11 5-63 '62.

Suspended wall panels made of plastic material. A. Mkrtumian, N. TSaplev, L. Kozol'tsev. Stroi. i arkhit. Mosk. 11 no. 9:23-25 S '62.

Use of plastics in enterprises of the Zaporozh'ye Economic Council. V. N. Kestel'man, V. P. Ivashkevich. Mashinostroitel' no. 9:38-39 S '62.

Use of plastics in equipment. V. P. Ivashkevich, V. I. Kestel'man. Mashinostroenie no. 4:39-41 Jl-Ag '62.

Use of plastics in the construction of passenger cars. A. V. Ovchinnikov. Zhel. dor. transp. 44 no. 9:94-95 S '62.

Use of plastic materials for increasing the reliability and operating life of agricultural machinery. I. P. Rabinovich, IU. F. Klimchuk. Trakt. i sel'khozmash. 32 no. 10, 21-23 O '62.

Using plastics for preventing corrosion. A. I. Zhidashkin. Mashinostroitel' no. 9, 39-40 S '62.

Using plastics in repairing motor vehicles. G. Malyshev. Avt. transp. 40 no. 9:27-29 S '62.

PLASTICS—MOLDING

Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut po normalizatsii v mashinostroenii. [Molds for pressure forming of articles from thermosetting plastics; detachable molds. Parts and units; design and specifications] Press-formy dlia pressovaniia izdelii iz reaktoplastov: Press-formy s"emnye. Detali i uzly; konstruktsiia i ispolnitel'nye razmery. Moskva, Standartgiz, 1961. 182 p. (SSSR. Normali mashinostroeniia)

PLASTICS—TESTING

Study of the mechanical properties of honeycombed plastics. S. S. Karpilov. Trudy TSNIISK no. 11:407-410 '62.

PLASTICS CUTTING

Machine for groove rolling on semiebonite rollers A. N. Zakharov. Tekst. prom. 22 no. 9:81 S '62

PLASTICS IN MEDICINE

Standard crowns and pivot teeth of plastic. IU. A. Fedorov. Stomatologiia 41 no. 4 95-96 Jl-Ag '62

PLATE TOWERS

Analytical computation of the number of actual plates in a column-type mass transfer apparatus. A. N. Planovskii, S. N. Bulatov Khim. prom. no. 8 592-596 Ag '62.

Hydrodynamic calculation of columns with nonoverflowing plates. L. E. Sum-Shik, M. E. Acrov, T. A. Bystrova Khim. prom. no. 7:530-532 Jl '62.

Mathematical description of the static characteristics of a tray rectification column I. V. Antsimov, V. N. Kitaevnov Khim. prom. no. 8:572-575 Ag '62

PLATES, IRON AND STEEL—TESTING

Durability of press mold plates D. S. Panasenko. Ogneupory 27 no. 10 479 '62.

PLATES, IRON AND STEEL—WELDING

Automatic square-butt welding of metal having a thickness of 40mm using a flux padding and a DTS-24 welding tractor. D. P. Lebed' and others Avtom. svar. 15 no. 9:79-81 S '62.

PLAYS FOR CHILDREN see Children's plays

PLEURA—DISEASES

Use of the antibiotic, monomycin, in suppurative pulmonary and pleural diseases [with summary in English]. N. I. Gerasimenko, A. P. Kuz'michev, M. V. Petrosian Antibiotiki 7 no. 8:757-761 Ag '62.

PLEURA—TUMORS

Clinical aspects and diagnosis of primary tumors of the pleura. N. A. Gavrilov, N. P. Shvidkovskii. Klin. med. 40 no. 6:147-151 Je '62.

PLEURISY

So-called cardiac pleurisy. A. V. Ryvkind. Klin. med. no. 12:130-131 '61.

PLEXIGLAS

Gluing of organic glass. P. Nelik. Radio no. 9:47 S '62.

PLEXIGLAS—TESTING

The strength of organic glass allowing for the factor of time. A. N. Surov. Trudy TSNIISK no. 11:334-354 '62.

PLOTNIKOV, NIKOLAI SERGEEVICH

People's artist in an amateur theater V. Ios'e. Teatr 23 no. 8 175-176 Ag '62

PLOWING

(see also subdivision under Ireland)

Depth and methods of plowing before planting orchards in various soils of the Ukrainain S. S. R. M. P. Tarasenko, N. N. Il'chyshyna, O. P. Semenova. Visnyk sil'hosp. nauky 5 no. 8:61-68 Ag '62.

Effectiveness of methods for applying fertilizers to sugar beets in fields plowed with and without a moldboard. V. V. Pshebel'skyi. Nauk. pratsi Ukr. nauk.-doslid. inst. zem. 11 86-89 '61.

PLOWS

Results of testing caprone bushings on plows. V. V. Borodkin, N. M. Sharov. Trakt. i sel'khozmash. 32 no. 10, 24 O '62.

PLUMBING—EQUIPMENT AND SUPPLIES

New plumbing fixtures. V. Fel'dman. Zhil. stroi. no. 7: 20-22 '62.

PLURALITY OF WORLDS

Is there life on the planets of the solar system? L. Golosnitskii. Nauka i rel. no. 9:10-13 S '62.

PLUTONIUM

Fission cross sections for U^{233}, U^{235}, and Pu^{239} in the energy range of 0, 3-2, 5 Mev. neutrons. G. N. Smirenkin, V. G. Nesterov, I. I. Bondarenko. Atom. energ. 13 no. 4:366-368 O '62.

Thermodynamics of the extraction equilibria of plutonium. A. M. Rozen, E. I. Moiseenko. Ekstr., teor., prim., app. no. 2:235-256 '62.

PNEUMATIC CONVEYING

Pyshkin, V. P. [Pneumatic grain reloaders] Pnevmaticheskie peregruzhateli zerna. Moskva, Zagotizdat, 1962. 100 p.

Use of pneumatic conveying in mines. A. E. Smoldyrev. Ugol' 37 no. 8:41-43 Ag '62.

PNEUMATIC-TUBE TRANSPORTATION

Pneumatic-tube transportation by a high concentration flow. V. P. Vasilenko, V. V. Manshilin, N. Kh. Manakov. Khim. i tekh. topl. i masel. 7 no. 7:1-4 Jl '62.

Pneumatic-tube transportation of discarded metal dust. A. A. Fokin Khim. prom. no. 8 612 Ag '62.

PNEUMONIA

Antibiotics in pediatrics (dysentery, colli-enteritis, pneumonia) R Z Sherman, O I Shevtsova, S D Tatarinova Antibiotiki 7 no 8 749-757 Ag '62.

Bronchopneumonias in calves in Rostov Province. V. K. Parakin. Trudy Rost. NIVS no.12:153-156 '60

Changes in the nervous system in pneumonia in children [with summary in French] O I. Kondratenko Och klin nevr no 1 204-209 '62

Intravital cytological study of lung punctate in pneumonias in lambs. V.K. Parakin. Trudy Rost. NIVS no. 12:120-122 '60.

Pneumonia in ornithosis. Iu. A. Pl'inskii. Klin. med. no.12:96-99 '61.

Pneumonias and pathological states as the cause of sudden death among the newborn and nursing infants N A. Mitiaeva. Sud.-med ekspert. 5 no.3:19-24 Jl-S '62

Role of pulmonary atelectases in the development of pneumonias in lambs. V. K. Parakin. Trudy Rost NIVS no.12 117-119 '60

Some changes in pulmonary respiration in pneumonias in lambs. V. K. Parakin. Trudy Rost NIVS no. 12:114-116 '60.

Study of the etiology and pathogenesis of pneumonias in lambs in a southern steppe zone V. K Parakin Trudy Rost. NIVS no.12:96-113 '60.

PNEUMOPERITONEUM, ARTIFICIAL

Role of pneumoperitoneum with consecutive double contrasting of the stomach in the diagnosis of tumors of its vault and cardial segment [with summary in English]. B. M. Astapov Klin. med 40 no. 6:64-66 Je '62.

POCHAYEV MONASTERY

Monks from the "Bratskii Block." O. Shamarov Voiov. ateist no.12,18-24 D '61.

POCHENKOV, KONDRAT IVANOVICH, 1905-1962

Kondrat Ivanovich Pochenkov, an obituary. N S Khrushchev and others Sov shakht. 11 no. 9:48 S '62

Kondrat Ivanovich Pochenkov; obituary. Ugol' 37 no. 9: 64 S '62.

PODGOROVKA (VEYDELEVKA DISTRICT)—MOUNDS

Podgorovka burial mound. S. A. Pletneva. Sov. arkheol. 6 no. 3:241-251 '62.

PODKAMENNAYA TUNGUSKA VALLEY—CORALS, FOSSIL

Some Streptelasmatida of the Middle and Upper Ordovician from the Podkamennaya Tunguska Valley. A. B. Ivanovskii. Trudy SNIIGGIMS no. 15:197-213 '61.

PODKAMENNAYA TUNGUSKA VALLEY—METEORITES

Encounter with a comet. I. T. Zotkin, K. P. Florenskii. Znan.-sila 37 no. 5:40-43 My '62.

New search, new results; the expedition of 1961. K. P. Florenskii, I. T. Zotkin. Priroda 51 no. 8:31-39 Ag '62.

Not a meteorite, but a comet. V. G. Fesenkov Priroda 51 no. 8:24-31 Ag '62.

PODKAMENNAYA TUNGUSKA VALLEY—PEAT BOGS

There was no crater; swamps of the Stony Tunguska-Chunya interfluve. N. I. Pl'iavchenko. Priroda 51 no. 8 38-42 Ag '62.

PODOLIA—FORAMINIFERA, FOSSIL

New species of Nodobacularielia from Buglovka sediments of Podolia. I. V. Venglinskii. Paleont. zhur. no. 3:10-15 '62.

PODOLIA—MAPLE

Establishment of forest plantations including the sycamore maple. O. M. Orlov. Visnyk sil'hosp. nauky 5 no. 9: 76-79 Ag '62.

PODOLIA—PECTINIDEA, FOSSIL

Chlamys seniensis Lamarck and its subspecies in Middle Miocene sediments of Podolia [with summary in English, p.171]. V. A. Goretskii. Paleont. sbor. [Lvov] no. 1:23-28 '61.

PODOLIA—PLIOSAURIDAE

Teeth of a plesiosaur and fish from Senoman sediments in Podolia [with summary in English, p. 174]. I. D. Govshtein. Paleont. sbor. [Lvov] no. 1:127-130 '61.

PODOLIA—PYCNODUS

Teeth of a plesiosaur and fish from Senoman sediments in Podolia [with summary in English, p. 174]. I. D. Govshtein. Paleont. sbor. [Lvov] no. 1:127-130 '61.

PODOLIA—ROTALIIDAE, FOSSIL

Finds of Heterostegina in the Miocene of Podolia [with summary in English, p. 172]. L. S. Pishvanova. Paleont. sbor. [Lvov] no. 1:85-90 '61.

PODOLIA—TEETH, FOSSIL

Teeth of a plesiosaur and fish from Senoman sediments in Podolia [with summary in English, p. 174]. I. D. Govshtein. Paleont. sbor. [Lvov] no. 1:127-130 '61.

PODOPHYLLIN

Use of podophyllin for treating tumors of the bladder. N. S. Bankovskii and others. Vop. onk. 8 no. 8:21-24 '62.

PODZOL

Content and composition of humus in continuously fertilized soils, in crop rotation and monoculture [with summary in English]. V. I. Egorov, A. M. Lykov. Izv. TSKHA no. 3:66-77 '62.

POGODIN, NIKOLAI FEDOROVICH, 1900-

Images of executives of the five-year plan in N. Pogodin's play "My friend." A. V. Ternovskii. Uch. zap. MGPI 172:103-132 '61.

POISONING

Use of toxic chemicals in agriculture and the rendering of medical aid in [cases of] poisonings with them. A. S. Vyshivkina. Fel'd. i akush. 27 no. 7 23-28 Jl '62.

POISONOUS PLANTS
(see also subdivision under White Russia)

New cases of dwarf almond poisoning in cattle. A. K. Golosnitskii. Trudy Rost. NIVS no 12:237-238 '60

Study of pasture diseases in sheep with lesions of the tissues of the head and a working out of preventive measures. A. K. Golosnitskii, F. V. Bashmakova Trudy Rost. NIVS no. 12:214-225 '60.

POISONS—PHYSIOLOGICAL EFFECT

Effect of respiratory poisons (2, 4-dinitrophenol, sodium azide and sodium cyanide) on the biological activity of pathogenic Clostridium. M. I. Tarkov Trudy MII MG no 5,89-99 '61.

POKROVO-KIREYEVO REGION—PROSPECTING—GEOPHYSICAL METHODS

Use of overall detailed geophysical studies in investigating the Pokrovo-Kireyevo structure. S. S. Kursovskii. Geofiz. sbor. no. 3:129-139 '62.

POLAND

An industrial exhibition of a friendly country. I. Karmalitava. Belarus' 19 no. 9:7 S '62.

POLAND—AGRICULTURE

The morning of Polish villages. I. Korshunov. Sov. deput. trud. no. 10:105-110 O '62.

POLAND—ATHEISM—CONGRESSES

A congress of atheists and freethinkers. Nauka i rel no. 9 54 S '62.

POLAND—ATHEISM—PERIODICALS

The periodical "Argumenti" reports on facts. V Pustarnakov. Nauka i rel. no. 9 40-51 S '62.

POLAND—CEMENT

"Inektol", a new preparation (from "Ridy i metale niezelazne," no. 7, 1961). D. V. IAkubovich. Shakht. stroi. 6 no. 10 31-32 O '62.

POLAND—DESCRIPTION AND TRAVEL

The morning of Polish villages. I. Korshunov. Sov. deput. trud. no. 10,105-110 O '62.

POLAND—FOREIGN ECONOMIC RELATIONS

Pisarets, I. G. [Foreign economic relations of the Polish People's Republic] Vneshneekonomicheskie sviazi Pol'skoi Narodnoi Respubliki. Moskva, Vneshtorgizdat, 1962. 131 p.

POLAND—GLIDERS (AERONAUTICS)

Mastery instead of the engine. Jan Mar. Znan.-sila 37 no. 5:35 My '62.

POLAND—HISTORY

How the Russian officer Kuz'min-Karavaev and his friends helped liberate the Polish revolutionary Sz. Konarski, V. G. Verzhbitskii. Uch. zap. Inst. slav. 25:257-270 '62.

POLAND—LOCAL GOVERNMENT

"The decentralization of administration" (in Polish) by J. Starosciak. Reviewed by A. Kh. Makhnenko. Sov gos. i pravo 32 no. 10:148-150 O '62.

POLAND—MUSICOLOGY

Development of Polish and Czechoslovak musicology in 1945-1960. I. F. Belza. Uch. zap. Inst. slav. 25:103-134 '62.

POLAND—NAMES, GEOGRAPHICAL—BIBLIOGRAPHY

Toponymic problems in Polish journals, 1957-1960; a bibliographical review. A. P. Korepanova. Movoznavstvo 10:120-124 '61.

POLAND—PILING (CIVIL ENGINEERING)

Vibratory soil-compaction and pile-driving machines of the Polish People's Republic. L. V. Trofeev Stroi. i dor. mash. 7 no. 8:25-27 Ag '62.

POLAND—PRINTING—HISTORY

Polish works on the history of publishing and printing. D. L. Nemirovskii. Kniga: issl. i mat. 6:255-268 '62.

POLAND—PUSHKIN, ALEKSANDR SERGEEVICH, 1799-1837

Pushkin in Polish sources of the 1820's. I. F. Belza Lit. slav. nar. no 7:184-189 '62.

POLAND—RADIO OPERATORS

Fraternal greetings to the radio operators. F. Ksenzharchik. Radio no. 9:13 S '62.

POLAND—RAILROADS—STATIONS

The Warsaw-Wawer suburban station. O. P. Golubeva, S. I. Naumov. Transp. stroi 12 no. 8:55-56 Ag '62

POLAND—RELATIONS (GENERAL) WITH UKRAINE

Evsevy, I. F. [Cooperation between the Ukrainian S. S. R. and the Polish People's Republic, 1944-1960] Sotrudnichestvo Ukrainskoi SSR i Pol'skoi Narodnoi Respubliki, 1944-1960 gg. Kiev, Izd-vo Akad. nauk USSR, 1962. 366 p.

POLAND—RESEARCH, INDUSTRIAL

Our thoughts and deeds should serve socialist Poland. V. Obolevich. NTO 4 no 10, 47-49 O '62.

POLAND—ROCKS, SEDIMENTARY

Estimating the volume and mass of sedimentary series of Poland (except the Carpathians). IAn Charitonchik. Sov geol 5 no 8:25-32 Ag '62

POLAND—ROLLERS (EARTHWORK)

The WD7-9 and WDB-10 motor-driven rollers. M. I Subko. Stroi. i dor. mash. 7 no. 8:27 Ag '62.

POLAND—SOIL STABILIZATION

Vibratory soil-compaction and pile-driving machines of the Polish People's Republic. L. V. Trofeev Stroi i dor. mash. 7 no. 8:25-27 Ag '62.

POLAND—WORLD WAR, 1939-1945—MISCELLANEA

At the bottom of Mamrian Lakes. Vokrug sveta no. 8:18 Ag '62.

POLAND—WORLD WAR, 1939-1945—UNDERGROUND MOVEMENTS

History of the struggle for the national antifascist front in Poland, September 1939-the beginning of 1943. V. A. Parsadanova. Uch. zap. inst. slav. 24:19-91 '62.

How the Polish Workers' Party struggled for the organization of the Polish National Council. A. M. Sletskevich Vop. ist no. 8:181-182 S '62.

POLARIZATION (LIGHT)

Analysis of the distribution of interstellar polarization and the character of the galactic magnetic field [with summary in English]. V. A. Dombrovskii. Uch. zap. LGU no. 307:88-110 '62.

Intensity of polarized reflected light as a function of the angle of incidence. A. IU. Prok. Izv. vyssh. ucheb. zav., fiz. no. 4:100-101 '62.

Light polarization in stellar atmospheres [with summary in English]. D. I. Nagirner. Uch. zap. LGU no. 307, 79-87 '62.

Light polarization in the Orion nebula. D. A. Rozhkovskii. Izv. Astrofiz. inst. AN Kazakh. SSR 2:53-67 '56.

Method for measuring phase differences by means of a synchronous polariscope [with summary in English] B. Aben. Izv. AN Est SSR Ser. fiz.-mat i tekh. nauk 11 no. 3 167-171 '62

Polarization in β Lyrae [with summary in English]. O. S. Shulov. Uch. zap. LGU no. 307:155-166 '62.

POLAROGRAPHY

Oscillographic polarography with a given sinusoidal voltage for studying fused electrolytes. IU. K. Delimarskii, V. I. Shapoval. Dokl. AN SSSR 146 no. 2, 391-394 S '62

Polarographic method for studying the reaction of plants to environmental effects [with summary in English]. A. E. Petrov-Spiridonov. Izv. TSKHA no. 4:221-228 '62.

Polarographic study of ortho-substituted oxoxy compounds Part 1. IU. I. Vainshtein and others Zhur. ob. khim 32 no 9:2777-2782 S '62

Polarographic study of p-acetylbiphenyl and p-acetyl-p'-fluorobiphenyl. V. D. Bezuglyi and others Zhur ob. khim 32 no 9:2770-2777 S '62.

POLESYE—FLAX

Effect of the place of fiber flax in crop rotation on the moisture and nutrition conditions in the flax field. V. I. Martynenko. Nauk. pratsi Ukr. nauk.-dosl. inst. zem. 11:39-47 '61.

Methods for obtaining rotted flax straw in the Ukrainian Polesye. V. P. Motnichuva. Nauk pratsi Ukr. nauk.-dosl. inst. zem. 11:46-51 '61.

POLESYE—FLAX—FERTILIZERS AND MANURES

Fertilizing wide-row flaxseed fields. T. O. Buntush. Nauk. pratsi Ukr. nauk.-dosl. inst. zem. 11:33-30 '61.

POLESYE—FLAX—VARIETIES

Some characteristics of the photoperiod in the development of flax varieties and types in the Ukrainian Polesye. T. S. Anyshkova. Nauk. pratsi Ukr. nauk.-dosl. inst. zem. 11:52-56 '61.

POLESYE—GRAIN

Mixed sowing of forage lupine with grain crops. O. M. Kolobov, IU. IU. Stokovs'kyi. Nauk. pratsi Ukr. nauk.-dosl. inst. zem. 11:30-35 '61.

POLESYE—GRASSES

Productivity of perennial grasses in pure and mixed seedings and their effect on the yield and quality of the successor crop in crop rotation. V. M. Rybak. Nauk. pratsi Ukr. nauk.-dosl. inst. zem. 11:70-75 '61.

POLESYE—LUPINS

Mixed sowing of forage lupine with grain crops. O. M. Kolobov, IU. IU. Stokovs'kyi. Nauk. pratsi Ukr. nauk.-dosl. inst. zem. 11:80-85 '61.

Problem of soil cultivation for lupine grown for green manure. H. M. Tyshchenko. Nauk. pratsi Ukr. nauk.-dosl. inst. zem. 11:86-90 '61.

Problem of the wide row method in sowing forage lupine. IU. IU. Stokovs'kyi. Nauk. pratsi Ukr. nauk.-dosl. inst. zem. 11:86-87 '61.

POLESYE—ROTATION OF CROPS

Increasing the productivity of crop rotations on light soils in Polesye. V. F. Butovskii Zemledelie 24 no. 8 17-22 Ag '62

POLESYE—RYE

Effect of some predecessors on the yield of winter crops in the Ukrainian Polesye. U. P. Sem'ianova, V. F. Buchneieva. Nauk. pratsi Ukr. nauk.-dosl. inst. zem. 11, 9-13 '61.

POLESYE—SEDGES

Twig rush Cladium mariscus (L.) R. Br. a Tertiary relic on the southern boundary of the Ukrainian Polesye [with summary in English]. A. I. Barbarych Ukr. bot. zhur. 19 no. 4:71-78 '62.

POLESYE—SLAVIC ANTIQUITIES

Early Slavic monuments of the Korchak type. V. P. Petrov. Arkheologiia 14 3-16 '62.

POLESYE—SPRUCE

Materials on the study of natural distribution of the European spruce in the Ukrainian Polesye [with summary in English]. M. P. Slobodian. Ukr. bot zhur. 19 no. 4: 79-83 '62.

POLESYE—WHEAT

Effect of some predecessors on the yield of winter crops in the Ukrainian Polesye. U. P. Sem'ianova, V. F. Buchneieva. Nauk. pratsi Ukr. nauk.-dosl. inst. zem. 11:9-13 '61.

POLICE

They serve our country; on "Soviet Police Day." V. Blinov. Agitator no. 20:34-36 O '62.

POLIOMYELITIS

Characteristics of a disorder in the conductivity of nervous impulses in the nerve-synapse-muscle system [with summary in French]. Z. Kh. Manovich Zhur nevr. i psikh. 62 no. 7:988-992 '62.

Movement and vasomotor disorders in the paralytic form of poliomyelitis [with summary in French]. A. N Gordienko. Zhur. nevr. i psikh. 62 no. 7:982-987 '62.

Problems in the exercise therapy, physiotherapy and health resort treatment of the sequelae of poliomyelitis at the conference of the Sverdlovsk Institute of Viral Infections. A. E. Shterengerts. Vop. kur., fizioter. i lech. fiz. kul't. 27 no. 3:285-286 My-Je '62.

POLISH ART see Art, Polish

POLISH LITERATURE—HISTORY AND CRITICISM

After recent debuts; remarks on the books of young Polish prosaists S Larin Vop lit 6 no 9,184-199 S '62.

POLISHING WHEELS

New machine tool for working "heels." D. N. Shepelev. Stek. i ker. 19 no. 8:37-38 Ag '62.

POLITICAL PARTIES see subdivision under Laos

POLITICAL SCIENCE see subdivision under Iran

POLITICAL SCIENCE—ADDRESSES, ESSAYS, LECTURES

POLOTSK—HISTORY

Akademiia nauk BSSR, Minsk. Institut historyi. [Polotsk, a historical study] Polotsk, istoricheskii ocherk. Minsk, Izd-vo Akad. nauk BSSR, 1962. 282 p

POLTAVA PROVINCE—AGRICULTURAL ADMINISTRATION

Along the untrodden path A Dodusenko Sov. profsoiuzy 18 no 19 7-10 O '62

POLTAVA PROVINCE—NEWSPAPER AND PERIODICAL CIRCULATION

Newspapers and magazines should go to every family. F. Mudrienko. Raspr. pech. no. 9:12 S '62.

POLTAVA PROVINCE—TRADE UNIONS—OFFICERS

Along the untrodden path. A. Dodusenko. Sov profsoiuzy 18 no 19,7-10 O '62

POLYAMIDES

Investigating the kinetics of evaporation of a polymer solution Report No. 2 V M Chesunov, S. S Vasil'ev Nauch. trudy MTILP no 23 49-61 '61.

Some characteristics of polyamides with fillers. V V Zhukov, Vest. mashinostr. 42 no. 9:48-52 S '62

POLYCHAETA see subdivision under Pacific Ocean

POLYETHYLENE see subdivision under Gur'yev

POLYGONS

Regular polygons in E^n space [with summary in English]. V. A. Efremovich, IU. S. Il'iashenko. Vest. Mosk. un Ser. 1. Mat., mekh. 17 no. 5:18-24 S-O '62.

POLYHEDRA

On the existence of finite convex polyhedra with given boundaries and set vertex curvatures A A Zil'berberg. Izv AN Kazakh SSR Ser mat i mekh no 10 30-40 '62.

POLYMERIZATION

Association of organolithium compounds and its role in polymerization processes. IU L Spirin, A. R. Gantmakher, S. S. Medvedev. Dokl AN SSSR 146 no 2 366-371 S '62

Conducting polymerization experiments during the study of polymers in secondary schools. I N. Chertkov. Khim. v shkole 17 no 5:66-70 S-O '62.

Hydrolysis and polymerization of hafnium ion in perchloric acid. V. M Peshkova, Pen An [Peng Ang]. Zhur neorg. khim. 7 no. 9:2110-2114 S '62.

Mechanism of diene polymerization and the structure of the polymer chain B. A. Dolgoplosk, E. I Tinikova. Dokl. AN SSSR 146 no. 2:362-365 S '62.

Polymerization of ethylene in the presence of a soluble organometallic complex catalyst Sn $(C_6H_5)_4$+ $AlCl_3$+ VCl_4. L. L. Stotskaia, A. V Topchiev, B. A Krentsel'. Dokl AN SSSR 146 no. 2:372-375 S '62.

POLYMERS

[The chemistry and technology of polymers; translations from foreign periodical literature] Khim. i tekh. polim., sbor. perev. iz inostr. period. lit. 6 nos. 9-10 '62.

Electron microscope study of the structure of isotactic polybutylene. V G. Zhuravleva, Z IA. Berestneva, V. A. Kargin. Dokl. AN SSSR 146 no. 2, 366-367 S '62.

Graft copolymers. G. S. Kolesnikov, TSzen Khan'-min [Tsêng Han-ming]. Usp khim. 31 no. 9:1025-1045 S '62.

Losev, I. P., and O. IA. Fedotova. [Laboratory work in the chemistry of high polymers] Praktikum po khimii vysokopolimernykh soedinenii. 2. izd., dop. i perer. Moskva, Goskhimizdat, 1962. 227 p.

New polymers and their use in the manufacture of machinery V Ukhinov. Mashinostroitel' no. 9, 40-41

ic polarization in amorphous polymers
M. Salikhov. Fiz. tver. tela 4 no. 9:

ıl-ometry in studying the mechanical
f polymers. V. R. Regel', T. M. Muinov.
Fiz. tver. tela 4 no. 9:2468-2473

lymers in leather manufacture L. B.
chov. Nauch. trudy MTILP no. 23

RESSES

rence on stabilizers for polymeric
Burmistrov. Khim. prom. no. 7:543

NG

uments for testing polymers. L. M.
arev. Priborostroenie no. 8, 13-16

onversion of Mg_3Sb_2. K. A. Bol'-
onkov, M. S. TSirlin. Zhur. neorg.
71-2272 '62.

nactivation of polymyxin M Compara-
e properties of active and inactivated
summary in English]. A. B. Silaev,
A. Kuz'mina Antibiotiki 7 no. 8:

POLYNOLOGY

Sladkov, A. N. [Morphology of pollen and spores of recent plants in the U. S. S. R. in relation to the methods of its practical use] Morfologiia pyl'cy i spor sovremennykh rastenii v SSSR v sviazi s metodami ee prakticheskogo primeneniia. [Moskva] Izd-vo Mosk. univ., 1962. 254 p.

POLYNOMIALS

Comparison of the speed of growth of polynomials and of the maxima of their moduli. E. M. Rivkina. Sib mat zhur 3 no 3 409-417 My-Je '62

On a theorem established by S. N. Bernshtein. K. Dochev. Dokl. AN SSSR 146 no. 1:17-19 S '62.

Polynomials of best approximation and some of their uses. I I Eteiman. Izv. vys. ucheb. zav., mat. no 3 189-194 '62.

Relation between the order of growth of orthonormal polynomials and the nature of distribution. IA L Geronimus. Dokl. AN SSSR 146 no 2 281-283 S '62.

POLYSACCHARIDES

Age variation in mucopolysaccharides of tubular bones in man. G. D. Zenkevich. Dokl. AN SSSR 146 no. 2 496-498 S '62.

POLYZOA, FOSSIL see subdivision under Altai Mountains

POMORIYE—MATERIA MEDICA

Pharmacological study of a basic solution from saline Lake Pomoriye and its use in stomatology S G. Bachev Stomatologiia 41 no. 1:22-24 Ja-Ag '62

PONGIL'SKII, IURII NIKOLAEVICH, 1925-1962

IUrii Nikolaevich Pongil'skii, obituary I. P Novikov and others Laceg stroi no 2:99 '62

PONOMAREV, BORIS NIKOLAEVICH

Election of the new members of the Department of History of the Academy of Sciences of the U. S. S. R. Vop. ist. no. 9:104-104 S '62.

PONOMAREV, NIKOLAI ALEKSANDROVICH, 1892-

N. A. Ponomarev is 70 years old. Muk.-elev. prom. 28 no. 7:30 Jl '62.

PONOMAREV, SEMAN MIKHAILOVICH, ca 1865-1889

Seman Mikhailovich Ponomarev's folklore and ethnographical collection. P. G. Shiriaeva. Izv Vses. geog ob-va 94 no. 4:343-347 Jl-Ag '62.

POPASNYA—SOVIETS

Comrade Shepilov's "dissent." Sov. deput. trud. no. 10: 77 O '62.

POPLAR see subdivision under Kuma Valley; Terek Valley

POPOVICH, PAVEL ROMANOVICH, 1930

Award of K. E. TSiolkovskii's gold medal to A. G Nikolaev and P. R. Popovich. Vest. AN SSSR 32 no. 9:8 S '62.

Kukushkin, V., ed. [Among stars] Zvezdy v ladoniakh. Moskva, Izd-vo "Pravda," 1962. 79 p. (Biblioteka "Komsomol'skoi pravdy," no. 8)

POPULATIONS, ANIMAL see Animal populations

PORCELAIN

Possibility of lowering the temperature of porcelain firing and of its replacement by drying under high temperatures. Z. P. Sent'. Stek. i ker. 19 no. 9:21-24 S '62.

PORETSKII, ARTEMII SERGEEVICH, 1901-1942

In memory of Artemii Sergeevich Poretskii. E. M. Lavrenko, A. M. Semenova-Tian-Shanskaia. Bot. zhur. 47 no. 7:1057-1060 Jl '62.

PORK INDUSTRY

Canned pork. A. V. Nikolaeva. Standartizatsiia 26 no. 9:36-37 S '62.

POROUS MATERIALS

Diffusion extraction from porous materials in the process of capillary impregnation. B. V. Deriagin, M. A. Al'tshuler. Dokl. AN SSSR 146 no. 1:130-132 S '62.

PORPHYRY see subdivision under Armenia

PORTACAVAL ANASTOMOSIS

Portal hypertension and portacaval anastomosis in an experiment. M. S. Arbuzova. Kaz. med. zhur. no. 3 30-33 My-Je '62.

PORTAL HYPERTENSION

Portal hypertension and portacaval anastomosis in an experiment. M. S. Arbuzova. Kaz. med. zhur. no. 3 30-33 My-Je '62.

Postolov, M. P., M. A. Ashrapova, and G. K. Karitskaia. [X-ray study in portal hypertension] Rentgenologicheskoe issledovanie pri portal'noi gipertonii. Tashkent, Medgiz UzSSR, 1962. 57 p. (DNLM)

PORTAL VEIN—RADIOGRAPHY

Reports. Klin. khir. no. 7:84-86 Jl '62.

Significance of splenoportography in the diagnosis of thrombosis of the splenic vein. E. I. Chinchenko. Klin. khir. no. 7:70-72 Jl '62.

Splenoportography and its diagnostic significance. R. V. Bogoslavskii, E. I. Mitrofanov. Klin. khir. no. 7: 9-15 Jl '62.

PORTLAND CEMENT

Hydration kinetics of mineral ingredients in portland cement clinker. V. B. Ratinov, A. P. Lavut. Dokl. AN SSSR 146 no. 1 148-151 S '62.

PORTS see Harbors

PORTUGAL—POLITICS AND GOVERNMENT

Portuguese youth is fighting. Mol. kommun. no. 6:101-107 Je '62.

Why Salazar is afraid of a Portuguese woman? M. L. Kuder. Rab. i sial. 38 no. 0 15 S '62

PORTUGAL—YOUTH

Portuguese youth is fighting. Mol. kommun. no. 6:101-107 Je '62.

POSTAGE STAMPS

(see also subdivision under Hong Kong)

On the postage stamp. Ed. Arenin. Sov. pech. no. 9:62 S '62.

POSTAL SERVICE

(see also subdivision under Odessa; Odessa Province)

Pay close attention to the communications of our working people. A. L. Murashkin. Vest. sviazi 22 no. 9:28-29 S '62.

The dispatching of printed matter should be better organized. A. S. Terikhov. Vest. sviazi. 22 no. 9:29 S '62.

POSTAL SERVICE—EMPLOYEES

Postal notices are filled out with negligence. A. F. Ashmianskii. Vest. sviazi 22 no. 9:29 S '62.

POSTOPERATIVE CARE

Complications and treatment of patients in the immediate postoperative period following mitral commissurotomy. A. I. Chizhov. Terap. arkh. no. 6:83-86 '62.

POTASSIUM

Chlorine-free potassium fertilizers. K. P. Magnitskii. Priroda 51 no. 7:64-67 Jl '62.

Use of deep borcholes in upraising in a potassium mine. B. I. Ramodanov, I. G. Tret'iakov. Khim. prom. no. 8. 613-614 Ag '62.

POTASSIUM—ISOTOPES

Decay scheme of an 8.92 Mev resonance state and quantum characteristics of the lower levels of the K^{41} nucleus. A. K. Val'ter and others. Izv. AN SSSR Ser. fiz. 26 no. 9:1137-1142 S '62.

POTASSIUM—THERMAL PROPERTIES

Calculation of the thermodynamic characteristics of potassium under temperatures up to 1,300°C and pressures up to 25 kilograms per square centimeter. M. P. Vukalovich, V. N. Zubarev, L. R. Fokin. Teploenergetika 9 no. 10:65-72 O '62.

POTASSIUM-ARGON DATING

Accuracy of the potassium-argon dating of minerals and rocks. O. IA. Gel'man. Trudy Geol. inst. AN Gruz. SSR. Min. i petr. ser. 6.153-171 '61.

Age of granites of the Sadon-Fiagdon region (Caucasus). M. A. Savchenko, B. B. Zaidys. Geol. zhur. 22 no. 4: 105-106 '62.

POTASSIUM CHLORIDE—PHYSIOLOGICAL EFFECT

Change in the energy metabolism of the skeletal muscles of a frog during the development of contractures induced by potassium chloride. N. M. Neevataeva. TSitologiia 4 no. 4:453-456 Jl-Ag '62

POTASSIUM CHLORIDE CRYSTALS—THERMAL PROPERTIES

Temperature dependence of the elastic constants of potassium chloride and sodium fluoride single crystals. S. P. Nikanorov, A. V. Stepanov. Fiz. tver. tela 4 no. 9:2576-2584 S '62.

POTASSIUM IN THE BODY

Effect of overheating on the change in the concentration of sodium and potassium cations in the blood plasma of rabbits. A. Kh. Babaeva. Izv. AN Turk. SSR. Ser. biol. nauk no. 3:52-55 '62.

POTASSIUM NITRATE

Polythermal diagram of the system K_2SO_4 - KNO_3 - H_2O. R. A. Galushkina, A. G. Bergman. Zhur. neorg. khim. 7 no. 9:2251-2253 S '62.

POTASSIUM SULFATE

Polythermal diagram of the system K_2SO_4 - KNO_3 - H_2O. R. A. Galushkina, A. G. Bergman. Zhur. neorg. khim. 7 no. 9:2251-2253 S '62.

POTASSIUM ZIRCONATE

Potassium trizirconate. A. A. Grizik, V. E. Plyushchev. Zhur. neorg. khim. 7 no. 9:2005-2102 S '62.

POTATO BEETLE see subdivision under Transcarpathia

POTATO DIGGER (MACHINE)

Potato-digging machines. F. D. Panasenko. Mashinostroenie no. 4:92-96 Jl-Ag '62.

POTATOES

(see also subdivision under Arctic regions; Ukraine)

Agroclimatic zoning of potato fallows [with summaries in English, German, and French]. V. M. Beilis, M. D. Zlotnikov. Vest. sel'khoz. nauki 7 no. 8:80-84 Ag '62.

POTATOES—DISEASE AND PEST RESISTANCE

Resistance of some wild potato species to Epilachna vigintioctomaculata Mtsch. L. I. Startseva. Sbor. trudi asp. i mol. nauch. sotr. VIR no. 1:164-171 '60

POTATOES—DISEASES AND PESTS see subdivision under Caucasus, Northern, Globino District

POTEBNIA, ALEKSANDR AFANAS'EVICH, 1835-1891

Professor O. O. Potebnia. L. A. Bulakhovs'kii. Movoznavstvo 16:106-101 '61.

POTENTIAL, THEORY OF

Integral representation of Green's function of the energy operator for a particle in a Coulomb field [with summary in English]. V. F. Brattsev, E. D. Trifonov. Vest. LGU 17 no. 16-36-39 '62.

Optical potential and the method of Green's functions. S. G. Kadmenskii. Izv. AN SSSR Ser. fiz. 26 no. 9, 1194-1195 S '62

Single-particle Green function for a Fermi system with attraction and repulsion interaction [with summary in English]. M. IA. Amus'in. Zhur. eksp. i teor. fiz. 43 no. 1 287-300 Jl '62.

POTTERY see subdivision under Albania, Caucasian, Mary

POTTERY, ANCIENT

A group of Sassanian pitchers. L. M. Rutkivs'ka. Arkheologiia 14:103-115 '62.

POTTERY, PRIMITIVE

An early Russian potter's wheel. A. A. Bobrinskii. Sov. arkheol. 6 no. 3 33-52 '62.

POTTERY, UKRAINIAN

Letters to the editor. I. Zlotnik, M. Lysenko. Nar. tvor. ta etn. 6 no. 1:156-157 Ja-Mr '62.

Lvov, Ukrains'kyi derzhavnyi muzei etnografii ta khudozhn'oho promyslu. [Artistic pottery of the western regions of the Ukrainian S. S. R.] Khudozhnia keramika zakhidnykh oblastei Ukrains'koi RSR. Kyiv, Vyd-vo Akad. nauk URSR, 1962. 27 p. 60 plates. [Parallel texts in Ukrainian, Russian, and English]

POULTRY see subdivision under Armenia

POULTRY—DISEASES AND PESTS

Typhlohepatitis diseases in chickens (histomoniasis). V. G. Romanenko, V. A. Petrov. Trudy Rost. NIVS no. 12:166-170 '60.

POULTRY—FEEDING AND FEEDS

Growth promoting substances for animals; orange-colored actinomycetes. Priroda 51 no. 8:76-79 Ag '62.

Protein requirements of laying hens [with summary in English]. M. P. Romanov, I. S. Popov. Izv. TSKHA no. 3:104-111 '62.

Stimulating and therapeutic action of penicillin on the growth and care of chickens. V. G. Romanenko. Trudy Rost. NIVS no. 12:157-161 '60.

POULTRY—PARASITES see Parasites—Poultry

POULTRY BREEDING see subdivision under Chuvashia

POULTRY HOUSES AND EQUIPMENT

New reinforced concrete elements for roofs of poultry buildings. V. Zhoga. Bud. mat. i konstr. 4 no. 2:38-41 Mr-Ap '62.

Radio as a brooding hen. B. Rzhevskii. Ilin. nat. no. 8: 28 Ag '62.

POWDER METALLURGY

Use of powder metallurgy products in the manufacture of tractors. E. E. Verner, A. M. Umanskii, B. D. Gurevich. Trakt. i sel'khozmash. 32 no. 10-42-44 O '62.

Zhdanovich, G. M. [Theory of the pressing of metal powders and their mixtures] Nekotorye voprosy teorii protsessa pressovaniia metallicheskikh poroshkov i ikh smesei. Minsk, Redaktsionno-izdatel'skii otdel BPI im. I. V. Stalina, 1960. 97 p.

[MICROFILM]

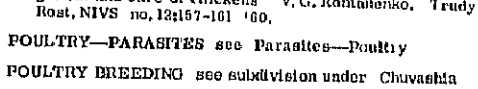
POWER ENGINEERING

(see also subdivision under United States)

Basic ways of saving fuel in power systems. A. S. Gorshkov. Teploenergetika 9 no. 10:2-9 O '62.

Brief news. Prom. energ. 17 no. 10:48-49 O '62.

Gorushkin, V. I. [Use of electronic computers in power engineering calculations] Vypolnenie energeticheskikh raschetov s pomoshch'iu vychislitel'nykh mashin. Pod red. V. A. Venikova. Moskva, Vysshaia shkola, 1962. 174 p.



Simulation in Different Technological Fields] Doklady. Moskva, Mosk. energ. in-t.

Vol. 1. Tetel'baum, I. M., ed. [Mathematical simulation of fields] Matematicheskoe modelirovanie polei. 1962. 357 p.

Vol. 2. Likens, I. V., ed. [Use of mathematical simulation and digital computers in the solution of power engineering problems] Primenenie matematicheskogo modelirovaniia energeticheskikh zadach. 1962. 305 p.

Plenum of the Scientific Council for "Power Engineering and Electrification" of the State Committee of the Council of Ministers of the U. S. S. R. for Research Coordination. [U. L. Ryzhnev. Prom. energ. 17 no. 10 46-47 O '62.

POWER ENGINEERING—COSTS

Vaag, L. A., and S. N. Zakharov. [Methods for economic valuation in power engineering] Metody ekonomicheskoi otsenki v energetike. Moskva, Gosenergoizdat, 1962. 271 p.

POWER ENGINEERING—PERIODICALS

Conference of the readers of "Promyshlennaia energetika." [U. Zhuravin, R. Migulevn. Prom. energ. 17 no. 10, 48 O '62.

POWER PLANTS—ABSTRACTS

[Power plants] Ref. zhur. Otd. vyp. 42: Sil. ust. nos. 10-20 O '62.

POWER PRESSES

Forging press of 1,000-ton capacity for extrusion. V. I. Degtiarev, P. A. Petrov. Kuz.-shtam. proizv. 4 no. 9: 25-27 S '62.

Nekhai, S. M., V. M. Novak, and V. I. Khabarov. [Pressing machines used in the manufacture of electrical insulating materials] Pressy dlia prozvodstva elektroizolitsionnykh materialov. Moskva, Gosenergoizdat, 1962. 94 p.

New kind of a vacuum belt press. M. A. Polinkov. Ogneupory 27 no. 8:361-366 '62.

POWER PRESSES—EQUIPMENT AND SUPPLIES

Reconditioning the cast-iron bed of a crank-pipe press by welding. A. S. Malkin. Mashinostroenie no. 1:61-62 Jl-Ag '62.

POWER RESOURCES

Melent'ev, M. A. Styrikovich, and E. O. Shteingauz. [Fuel and power resources balance of the U. S. S. R.; basic problems in economics and planning] Toplivno-energeticheskii balans SSSR; osnovnye voprosy ekonomiki i planirovaniia. Moskva, Gosenergoizdat, 1962. 207 p. [MICROFILM]

Science and technology in the world of the future. Nov. v tekh. 20 no. 11:18-21 O '62.

POWER TOOLS

The GP-1 hydraulic saws. M. K. Ivanov. Biul. tekh.-ekon. inform. Gos. nauch.-issl. inst. nauch. i tekh. inform. no. 9:18-19 '62.

POZNAN—THEATER

"The First Cavalry" in Poznan. V. V. Teatr 23 no. 8: 107-108 S '62.

PRAGUE—APARTMENT HOUSES

Exhibition of apartments in Prague. IA. N. Lukin. Stroi. i arkhit. Len. 21 no. 2:34-36 F '62.

PRAGUE—TELEVISION STATIONS

"Central Czechoslovakia" television transmitter. Tekh. kino i telev. 6 no. 10:53 O '62.

PRECAST CONCRETE

(see also subdivision under Germany, East, Kiev Province; Krasnoyarsk; Krivoy Rog Basin; Lithuania; Vladivostok)

Automation of the heat treatment of reinforced concrete products in molds. Z. M. Broitman, A. L. Gordon. Mekh. stroi. 10 no. 4:10-12 Ap '62.

"The economics and planning of the production of precast reinforced concrete" by D. M. Chudnovskii and others. Reviewed by B. Ionas. Bet. i zhel.-bet. 8 no. 6:385-381 Ag '62.

Experimental elements of reinforced concrete submerged gates of hydroelectric power stations. V. A. Gellei, M. A. Levit. Gidr. stroi. 32 no. 8:31-36 Ag '62

For a high technological excellence in the manufacturing of elements. N. A. Timdin. Stroi. i arkhit. Len. 24 no. 7:12-14 Jl '62.

Heat treatment of reinforced concrete products in molds which become heated. L. Tret'iakov. Bud. mat. i konstr. 4 no. 2:22-23 Mr-Ap '62.

Layouts and calculations for steel molds. L. A. Fiberman, G. A. Zakharov. Bet. i zhel.-bet. 8 no. 6:368-371 Ag '62.

Machine for casting ventilation "blocks." S. M. Melamed, V. V. Sidorov. Mekh. stroi. 19 no. 4:23-24 Ap '62.

Manufacture of precast reinforced concrete elements in "cell" molds. Prom. stroi. i inzh. soor. 4 no. 4:45-46 Jl-Ag '62.

Mechanization and automation of the vertical test stand for casting room-size gypsum-slag partitions. D. A. Entin. Mekh. stroi. 19 no. 4:17 Ap '62.

Mechanization of the casting of reinforced concrete products. D. F. Tolorain. Mekh. stroi. 19 no. 4:6-8 Ap '62.

New reinforced concrete elements for roofs of poultry buildings. V. Zhoga. Bud. mat. i konstr. 4 no. 2:38-41 Mr-Ap '62.

Precast reinforced concrete is the basis for the use of prefabrication techniques in construction. Mekh. stroi. 19 no. 4:2 of cover-2 Ap '62.

ECAST CONCRETE (Continued)

e for the manufacture of precast reinforced concrete
roducts for rural construction on the ND-60-s unit
i, Gitterman, Bud. mat. i konstr. 4 no. 2 42-44 Mr-Ap
62.

me experimental studies of the creation of dies for
manufacturing reinforced concrete products with fac-
ng. Z. M. Burdenkova. Trudy NIIZHB no. 27 203-212
62.

ot welding of insertion pieces of reinforced concrete
elements without cleaning the welded surfaces.
V Trushkin, M. Gomylko. Bud. mat. i konstr. 4
no. 2:53-54 Mr-Ap '62.

dit for the manufacture of three-dimensional blocks the
size of two rooms I. P. Barbarash, M. B. Ruchkan
Mekh strol. 19 no. 1:8-10 Ap '62.

ECAST CONCRETE—TESTING

reased joints of wire-reinforced concrete elements
IU D Vidinеev Gidr. strol 32 no 8 28-30 Ag '62

ECAST CONCRETE—TRANSPORTATION

astening down precast reinforced concrete parts of
thermal electric plants during transportation by rail
A M Litvak Energ strol no. 27 31-36 '62

ne PPF-10 semitrailer for transporting trusses. S R
Belokonenko. Mekh. strol 19 no 4:25 Ap '62.

rucks and semitrailers for transporting reinforced con-
crete trusses. S. IA. Margolis Mekh strol. 19 no 4:
18-20 Ap '62.

ECAST CONCRETE CONSTRUCTION
(see also subdivision under Armenia, Chelyabinsk Province, Dneprodzerzhinsk Hydroelectric Power station, Europe; Karaganda, Kazakhstan; Latvia, Leningrad, Ukraine)

ll-purpose buildings for present-day enterprises. N D
Lobanov. Strol. i arkhit., Len. 24 no 7:6-8 Jl '62

ssembly of precast reinforced concrete tanks E. V.
Lebedev Mont. i spets rab. v strol 24 no 9:12-16
S '62.

ssembly of 24-meter reinforced concrete trusses.
L. Kleimenov. Prom. strol. i inzh. soor. 4 no. 4:45
Jl-Ag '62.

omplete precast concrete construction is an important
trend. N. Kurek Na strol. Ros 3 no 5 1-2 My '62

ompletely prefabricated buildings with improved layout
of apartments. Z. Rozenfel'd. Strol i arkhit. Mosk. 11
no. 9:3-7 S '62.

onstructing a building with large keramzit concrete
slabs. A. Romashko, G. Garkavenko. Strol. i arkhit
Mosk. 11 no. 9:26-27 S '62.

onstruction of temporary footings out of reinforced
concrete pipes or shells. N. P. Dudchenko, B. V. Klech-
kov, V. P. Korlakov. Transp. strol. 12 no. 8 20-22
Ag '62.

critical evaluation of assembly units and joints in
multistory industrial buildings. P. Tarushkin, V. Vabich.
Prom. strol. i inzh. soor. 1 no. 4:19-21 Jl-Ag '62.

formations of large-panel buildings. M. Shvets,
. Skul'skii. Zhil. strol. no. 7:26-27 '62.

esign and construction of large-panel apartment houses
A. Nnamov, V. Garvardt, IU. Skrinskii. Zhil. strol
no. 9:9-11 '62.

esign of a precast reinforced concrete foundation for
a turbine set. V S. Kuplevatskii. Energ strol. no. 27
20-26 '62

fficient elements made of precast concrete S. Rudia-
kov. Na strol Ros. 3 no. 5.27 My '62

perience in manufacturing elements for large-panel
uildings in series 1-335. G. Leonov. Na strol. Ros
3 no. 4:25-26 Ap '62.

xperimental manufacturing of three-dimensional
elements by gunniting. B. Gladyshev and others. Zhil.
strol. no. 7:26-27 '62.

erasimov, I. D. [Mesh-reinforced concrete in construction] Armotsement v stroitel'stve. Krasnoiarsk, Nauchno-issl. in-t po strioit., 1962. 117 p.

fachine production of three-dimensional elements. I. G.
Levinskii. Strol. i arkhit. Len. 24 no. 7:20-21 Jl '62.

fake fuller use of the advantages of three-dimensional
structures. K. A. Glukhovskoi. Strol. i arkhit. Len
24 no. 7:3-6 Jl '62.

nnufactured at the site by a concreting combine.
V. Kvitko Sil'. bud 12 no. 8:9-10 Ag '62.

orms for the technological design of enterprises manu-
facturing prefabricated reinforced concrete elements
by assembly-line methods and on stands. Biul. strol.
tekh. 19 no. 3:12-14 Mr '62.

n the road of technical progress. K. V. Sakhnovskii and
others. Strol. i arkhit. Len. 24 no. 7:2-3 Jl '62.

recast reinforced concrete elements of open distribut-
ing installations of substations. N. A. Parshikov
Energ. strol. no. 27:76-85 '62.

aise the standard of prefabrication in the construction
of apartment houses A. Krivorotov. Na strol. Ros.
3 no. 5.20-22 My '62.

einforced concrete in construction abroad. Prom.
strol. i inzh. soor. 4 no. 4:54-59 Jl-Ag '62.

se reinforced concrete products in the construction of
stock buildings. I. Angelov. Sil'. bud. 12 no. 8:10 Ag
'62.

Using glues for making the joints of precast reinforced
concrete elements of hydraulic structures F V La-
vrinovich, M E. Neveleva, V. V Savitskaia. Gidr
strol 32 no. 8.22-26 Ag '62

Using thin-walled mesh-reinforced concrete slabs or
shells in industrial construction. M. Kovalenko,
D. Milukov, N. Astremov. Prom. strol. i inzh. soor. 4
no 4:43-44 Jl-Ag '62

PRECIPITATION (CHEMISTRY)

Coprecipitation of thallium with iridium (III) sulfide.
N. A. Rudnev, G. I Malofeeva. Zhur. neorg khim. 7
no 8:2262-2266 '62

PRECIPITATION (METEREOLOGY)
(see also subdivision under Antarctic regions)

Leningrad. Glavnaia geofizicheskaia observatoriia.
[Data on the chemical composition of atmospheric
precipitation and total ozone content of the atmosphere
at various points of the U. S. S. R., materials of the
International Geophysical Year and International Geo-
physical Cooperation for 1957-1959] Dannye po khimi-
cheskomu sostavu atmosfernykh osadkov i obshchemu
soderzhaniiu ozona v atmosfere v razlichnykh punktakh
SSSR, materialy MGG i MGS za 1957-1959 gg. Leningrad,
Gidrometeoizdat, 1961. 91 p

PRECISION CASTING

Precision investment molding abroad. N. V. Pikaev,
A. S Lakeev. Mashinostroenie no. 1 120-124 Jl-Ag
'62.

PREDGORNYY DISTRICT—CRIME PREVENTION

Do we need such committees? Sov. deput. trud. no. 10:
93 O '62.

PREFABRICATED BUILDINGS see Buildings, Prefabricated

PREGNADIENEDIONE

Results of prednisolone therapy for eczemas in very
young and older infants [with summary in English].
M. D. Lipets. Vop. okh. mat. i det. 7 no 8:20-24 Ag
'62.

PREGNANCY

State of the gums during pregnancy N I. Vakhrameeva
Stomatologiia 41 no 1.21-27 Jl-Ag '62.

PREGNANCY—SIGNS AND DIAGNOSIS

Reaction of spermaturia in male lake frogs in the diag-
nosis of missed abortion M. A. Davydova Kaz. med.
zhur no. 3.34 My-Je '62

PREGNANCY, COMPLICATIONS OF

Case of acute leukemia combined with pregnancy. N. A
Elizarova, V. M. Stupnitskaia Klin. med 40 no. 6:101-
106 Je '62.

Effect of pregnancy on the course of pigmented neoplasms
[with summary in English]. M. M. Nivinskaia, IU. I.
Karibov. Vop. onk. 8 no. 8:16-21 '62.

Effect of pregnancy on the course of tumors of the
acoustic nerve and the operability of these patients.
G. P. Kornianskii. Vop. neirokhir. no. 4 48-51 '62.

Hypnotic suggestion therapy in early pregnancy toxemias
[with summary in English]. N. I. Kulmova Vop okh.
mat. i det. 7 no. 8:46-48 Ag '62.

Study of the causes of premature termination of preg-
nancy [with summary in English]. B. I Burde Vop.
okh. mat. i det. 7 no. 8:48-53 Ag '62.

PREGNANCY, EXTRAUTERINE

Extrauterine pregnancy. I. A. Fridman. Fel'd. i akush.
27 no. 7:7-12 Jl '62.

PRESS
(see also subdivision under Greece)

[Bolshevik press; an outline history from 1894 to 1917]
Bol'shevistskaia pechat'; kratkie ocherki istorii 1894-
1917 gg. Moskva, Gospolitizdat, 1962. 567 p.

"The press in foreign countries," edited by N. G. Pal'gu-
nov, M. A. Kharlamova. Reviewed by G Viktorov. Sov.
pech. no. 9:38-39 S '62.

PRESSURE COOKERY

When the factory instructions are disregarded. S IAblo-
kov. Obshchestv. pit no. 6:52 Je '62

PRESSURE REGULATORS

Gladkikh, P. A. [Elimination of pressure pulsations in gas pipelines] Ustranenie pul'satsii davleniia v gazo-
provodakh. Moskva, Gostoptekhizdat, 1962. 108 p.

PRESTRESSED CONCRETE

Akademiia stroitel'stva i arkhitektury SSSR, Institut betona i zhelezobetona, Perovo. [Handbook on injecting the channels in prestressed concrete elements with mortar] Rukovodstvo po in"ektsirovaniiu kanalov prod-
varitel'no napriazhennykh zhelezobetonnykh konstruktsii. Moskva, Gosstrilzdat, 1962. 28 p.

Akademiia stroitel'stva i arkhitektury SSSR Institut organizatsii, mekhanizatsii i tekhnicheskoi pomoshchi stroitel'stvu. [Prestressed concrete elements and how to manufacture them] Predvaritel'no napriazhennye zhelezobetonnye konstruktsii i tekhnologiia ikh izgotovle-
niia. Moskva, Biuro tekhn. informatsii

No. 1 [Beams and trusses for roofs of one-story industrial buildings (6-m. spacing)] Balki i fermy pokrytii odnoetazhnykh promyshlen-
nykh zdanii (shag 6 m)

Pt 2. [Technology of the manufacture of beams and trusses] Tekhnologiia izgotovleniia balok i ferm. 1962. 184 p.

Development and study of a prestressed concrete bottom plate or trolley for a wide conveyor. G S. Mitnik.
Trudy NIIZHB no. 27:150-170 '62.

Malkov, D. E. [Techniques of the manufacture of thin-walled prestressed concrete slabs] Tekhnologiia izgotovleniia tonkostennykh predvaritel'no napriazhen-
nykh zhelezobetonnykh panelei. Leningrad, Gosstroi-
izdat, 1962. 138 p

Manufacture of prestressed concrete elements. P. Tylva,
A. Bezkaravainii. Prom. strol. i inzh. soor. 4 no. 4:
49-53 Jl-Ag '62.

Manufacture of prestressed concrete elements on the mechanized unit developed by the Concrete and Reinforced Concrete Research Institute V. V. Mikhailov,
F. P. Gitman, M. I. Piskovitin. Trudy NIIZHB no. 27:
5-48 '62.

Manufacture of prestressed wire-reinforced concrete trusses in one piece with a span of 30 m. P. Tylva,
O. Bezkaravainy. Bud. mat. i konstr. 4 no. 2.6-11
Mr-Ap '62.

Study of methods of controlling the heating of wire and strands as they are wound by reinforcement-winding machines with electromechanical tensioning. P IA
D'iachenko, V. T. D'iachenko. Trudy NIIZHB no. 27:
49-64 '62.

A study of spirally reinforced prestressed products for precast elements composed of coils. G. A. Gambarov
Trudy NIIZHB no. 27:103-132 '62.

Test stand for the production of prestressed elements of industrial buildings. M. I. Piskovitin Mekh. strol 19
no. 4:12-14 Ap '62.

A 12 × 1.5 m. slab with laterally drawn out reinforce-
ment. N. I. Klimov, V. G. Kramar'. Trudy NIIZHB
no. 27.213-220 '62.

Wire-reinforced concrete beams with electrothermal stressing. Prom. strol. i inzh. soor. 1 no. 4:47-48
Jl-Ag '62.

Work required by various methods of reinforcing pre-
stressed concrete products in conveyor-line plants
V. P. Pavlov. Trudy NIIZHB no. 27:133-149 '62

PRESTRESSED CONCRETE—TESTING

Akademiia stroitel'stva i arkhitektury SSSR. Institut organizatsii, mekhanizatsii i tekhnicheskoi pomoshchi stroitel'stvu. [Instructions for production testing of large prestressed-concrete elements] Ukazaniia po proizvodstvennym ispytaniiam krupnorazmernykh pred-
varitel'no napriazhennykh zhelezobetonnykh konstruktsii.
Moskva, Gosstroiizdat, 1962. 126 p.

Study of the joints of elements of prestressed concrete trusses. V. I Gnedovskii. Bet. i zhel.-bet 8 no. 8:
359-363 Ag '62

PRESTRESSED CONCRETE CONSTRUCTION

Give prestressed concrete the green light. Prom. strol.
i inzh. soor. 4 no. 4:1-3 Jl-Ag '62.

Prestressed slabs or shells for the roofs of industrial buildings. IU. Beletskii. Prom. strol. i inzh. soor. 4
no. 1:16-19 Jl-Ag '62.

Prestressed wall slabs. P. Koval', A. Piatkovskii.
Prom. strol. i inzh. soor. 4 no. 4.11-13 Jl-Ag '62.

PRETRIAL PROCEDURE

Karneeva, L. M. [Procedure in charging a person with a criminal offense; a methodological manual] Privle-
chenie v kachestve obviniaemogo; metodicheskoe posо-
bie. Moskva, Gosiurizdat, 1962. 91 p.

PRIEDE, GUNAR, 1928-

Priede against Priede. R. Krechetova. Teatr 23 no 8
71-77 Ag '62.

PRIME NUMBERS see Numbers, Prime

PRIMITIVE AGRICULTURE see Agriculture, Primitive

PRIMOGENITURE

Primogenitary acquisition of landed estates in prerevolu-
tionary Russia. A. M. Anfimov. Ist. SSSR 6 no. 5:151
159 S-O '62.

PRINTING—HISTORY see subdivision under China; Japan; Poland

PRINTING—RESEARCH

Scientific research work at enterprises of the Moscow City National Economic Council. L. Volkova Poligr
proizv. no. 9:16-17 S '62.

PRINTING INDUSTRY

Fulfill the planned program Poligr. proizv. no. 9:1-2 S
'62.

Technical and economic characteristics of the printing of limited editions. IA. K. Shamborovskii. Poligr. proizv.
no. 9:8-9 S '62.

"Technical and economic planning of printing enterprises" by B. I. Frantsman, Book review. Poligr. proizv. no. 9:
30-31 S '62.

They write to us. Poligr. proizv. no. 9:9-10 S '62.

PRINTING INDUSTRY—EQUIPMENT AND SUPPLIES

[Equipment and technology of the printing industry] Ref. zhur. Otd. vyp. 37: Obor. i tekh. poligr. proizv. nos. 18-20 S-O '62.

PRINTING INDUSTRY—MANAGEMENT

Frantsman, B. I. [Technical and economic planning in printing enterprises] Tekhniko-ekonomicheskoe planirovanie poligraficheskikh predpriiatii. Pod red. L. M. Kheifetsa. Moskva, Iskusstvo, 1962. 298 p.

PRINTING INDUSTRY—QUALITY CONTROL

The problem of quality control in printing. V. P. Filippov. Poligr. proizv. no. 9:5-6 S '62.

PRINTING MACHINERY AND SUPPLIES

Attachment for cleaning linotype matrices. V. Mizerskii. Poligr. proizv. no. 9:22-23 S '62.

Equipment at the 1962 "DRUPA" exhibition. G. P. Smirnov. Poligr. proizv. no. 9:26-29 S '62.

Polyacrylamide glue is a new printing material. B. I. Berezin, E. G. Deglina, V. S. Kiselev. Poligr. proizv. no. 9:25 S '62.

PRINTING PLANTS

Device for automatically removing and hanging up carriers on a conveyer. L. D. Volov. Poligr. proizv. no. 9:18-20 S '62.

PRINTING PLANTS—LIGHTING

Artificial lighting in plants. V. I. Shitikov. Poligr. proizv. no. 9:6-8 S '62.

PRINTING PLATES

Device for measuring the depth of etching of the printing plates. V. I. Zelenskii, E. T. Lazarenko. Poligr. proizv. no. 9:21-22 S '62.

Hydrocarbons for emulsion etching. P. L. Pashulia, G. I. Klechak. Poligr. proizv. no. 9:13-15 S '62.

PRINTING PRESS

Technical design of the flat bed and cylinder of flatbed printing presses for rigidity. N. N. Scripnov. Nauch. trudy MPI no. 14:79-99 '61.

PRINTING PRESS—ELECTRIC DRIVING

Single-engine electric drive with an alternating-current commutator motor for printing machinery. K. V. Ulanov. Nauch. trudy MPI no. 14:90-96 '61.

PRIPET VALLEY—DREDGING MACHINERY

A giant suction dredge. Belarus' 10 no. 9 6 S '62.

PRIPET VALLEY—GAS, NATURAL—GEOLOGY

Trends in prospecting for oil and gas in White Russia. D. M. Korulin. Sov. geol. 5 no. 8:140-141 Ag '62.

PRIPET VALLEY—PETROLEUM GEOLOGY

Trends in prospecting for oil and gas in White Russia. D. M. Korulin. Sov. geol. 5 no. 8 140-141 Ag '62

PRIPYAT' RIVER—FLOODS

Formation conditions and characteristics of spring floods on the Pripyat' River near Mozyr'. L. M. Kozintseva. Geog. zbir. no. 9:118-125 '62

PRISHVIN, MIKHAIL MIKHAILOVICH, 1873-1954

M. Prishvin's "Tale of our times." I. P. Motiashov. Uch. zap. MGPI 172:181-211 '61.

PRIZE-FIGHTING see Boxing

PROBLEM OF THREE BODIES

Contribution of three-particle states to the spectral function equation [with summary in English]. V. N. Gribov, I. T. Diatlov. Zhur. eksp. i teor. fiz. 42 no. 5: 1268-1277 My '62.

PRODUCE TRADE

Aid the successful carrying out of state deliveries. Den. i kred. 20 no. 8:3-6 Ag '62.

PRODUCTION CONTROL

(see also subdivision under Ukraine)

Pay attention to production control. Gidroliz. i lesokhim. prom. 15 no. 6:1-2 '62

Vladimirov, L. P. [Preventive control in industrial production] Predupreditel'nyi kontrol' v proizvodstve. Moskva, Mashgiz, 1962. 135 p. (Nauchno-populiarnaia biblioteka molodogo rabochego)

PRODUCTION-LINE METHODS see Assembly-line methods

PRODUCTION STANDARDS

(see also subdivision under Armenia)

Establishing norms for warehouse work. L. Mogilko. Sots. trud 7 no. 9:113-117 S '62.

Establishing work norms for auxiliary workers. P. Petrochenko. Sots. trud 7 no. 9:93-99 S '62.

Work and the establishment of its norms. P. Petrochenko. Sov. profsoiuzy 18 no. 18:27-29 S '62.

PRODUCTION STANDARDS—BIBLIOGRAPHY see Bibliography—Production standards

PROFESSIONAL EDUCATION

(see also subdivision under Dnepropetrovsk; Leningrad)

Valuable initiative. S. Tarasian. Prom. Arm. 5 no. 9: 58-59 S '62.

PROFIT

Distribution of profit. G. Martinkhin. Fin. SSSR 23 no. 9:13-17 S '62.

"Monopoly profit" Monopolies by G. S. Roginskii, Reviewed by F. Abramov, V. Krutov. Vnesh. torg. 42 no. 8 46-49 '62

PROGESTERONE

Biological transformation of 16α,17α-dihydroxyprogesterone using the fungus Rhizopus nigricans. A. S. Barmenkov, E. G. Balashova. Med. prom. 16 no. 7 45-46 Jl '62

PROGRAMMING (ELECTRONIC COMPUTERS)

Algorithm for solving large systems of normal equations by the multigroup method using an electronic computer. S. L. Khablarova. Trudy TSNIIGAIK no. 147 17-33 '62.

An algorithm for the arrangement of information. G. M. Adel'son-Vel'skii, E. M. Landis. Dokl. AN SSSR 146 no. 2 263-266 S '62

Establishing a program for program controlled machine tools. A. P. Gavrish. Mashinostroenie no. 4:16-23 Jl-Ag '62.

New approaches to computation methods and observation data processing. L. V. Kantorovich. Sib. mat. zhur. 3 no. 5:701-709 S-O '62.

Two algorithms for solving large systems of normal equations. A. Z. Sazonov. Trudy TsNIIGAIK no. 147. 3-15 '62

PROGRAMMING (MATHEMATICS)

Reducing certain dynamic programming problems for nonlinear systems to transcendental equations. IA. N. Roitenberg. Prikl. mat. i mekh. 26 no. 5:950-952 S-O '62.

PROGRAMMING LANGUAGES (ELECTRONIC COMPUTERS)

Determination of letter combinations in statistical analysis of texts. K. I. Kurbakov, R. V. Smirnov. Mekh. i avtom. proizv. 16 no. 8 45-46 Ag '62.

Evreinov, E. V., I. G. Kosarev, and V. A. Ustinov. [Use of electronic computers in studying the writing of the ancient Mayas] Primenenie elektronnykh vychislitel'nykh mashin v issledovanii pis'mennosti drevnikh maiia. Novosibirsk, Izd-vo Sibirskogo otd-niia AN SSSR, Vol. 3. [A general systematic catalog of hieroglyphics] Svodnyi sistematizirovannyi katalog ieroglificheskikh znakov. 1961. 341 p.

PROJECTORS

Precision in manufacturing and adjusting the flat mirrors of projectors. G. V. Pogarev. Izv. vys. ucheb. zav., prib. 5 no. 4:71-79 '62.

PROPAGANDA, ANTI-COMMUNIST see subdivision under United States

PROPANE

Rectification of the propane-propylene fraction in a centrifugal rectifier with a spiral rotor. A. P. Klimenko, IU. A. Vasentsov. Trudy Inst. isp. gaza AN USSR 9:83-89 '61.

PROPANOL

Synthesis of 2, 3-dimercaptopropanol ethers. V. M. Fedoseev, E. F. Simonov, A. B. Sliaev. Zhur. ob. khim. 32 no. 9 3083-3088 S '62

PROPELLERS

Karpovich, V. A. [Controllable pitch propellers on fishing vessels] Grebnye vinty reguliruemogo shaga na promyslovykh sudakh. Moskva, Rybnoe khoziaistvo, 1962. 61 p. (Rybopromyslovyi flot)

PROPENE

Isomerization of 1-nitro-2-propene. IU. V. Baskov, V. V. Perekalin. Zhur. ob. khim. 32 no. 9 3106 S '62.

Method of increasing the output of propylene. L. V. Talisman and others. Khim. i tekh. topl. i masel. 7 no. 7 15-20 Jl '62.

Rectification of the propane-propylene fraction in a centrifugal rectifier with a spiral rotor. A. P. Klimenko, IU. A. Vasentsev. Trudy Inst. isp. gaza AN USSR 9:83-89 '61.

Synthesis of endo- and exo-2-methylbicyclo [2, 2, 1] heptanes. Steric directivity of the reaction of cyclopentadiene with propylene. N. A. Belikova, V. G. Berezkin, A. F. Plate. Zhur. ob. khim. 32 no. 9 2942-2951 S '62.

PROPERDIN

Activity of the properdin system in leukemia. I. I. Chertkov, G. V. Osochenskaia. Probl. gemat. i perel. krovi no. 6:11-18 '62.

PROPERTY

Personal property under socialism and the remnants of private property. E. Panfilov. Polit. samoobr. 6 no. 9:88-94 S '62.

PROPIONALDEHYDE

Production of propionic aldehyde and certain syntheses based on it. D. M. Rudkovskii, V. L. Klimenko, E. B. TSyrkin. Khim. prom. no. 7:484-486 Jl '62.

PROPIOPHENONE

Physicochemical and automatic methods of technological control in the production of medicinal preparations. Report No. 2. Automatic control of pH during the process of production of p-nitro-α-acetylamino-β-hydroxypropiophenone. M. A. Portnov, A. M. Zhelokhovtseva, V. A. Mikhalev. Med. prom. 16 no. 5:43-49 My '62

PROPORTIONING EQUIPMENT

Automatic charge-weighing batcher. S. A. Nazarov. Mekh. i avtom. proizv. 16 no. 9 27-28 S '62.

Review of the theoretical diagrams of proportioning devices for looms. A. A. Favaeva. Tekst. prom. 22 no. 9:53-59 S '62

PROPYL ALCOHOL

Dielectric relaxation in propyl alcohols. I. M. Ivanov, IA. M. Abbasov, L. V. AN Azerb. SSR Ser. fiz.-mat. i tekh. nauk no. 1 59-68 '62.

PROSPECTING

(see also subdivision under Noril'sk region)

Glory to the conquerors of space! Razved. i okh. nedr 28 no. 9 1 S '62

Grigorovich, M. B. [Graphite and searching for it] Grafit i ego poiski. Moskva, Gosgeoltekhizdat, 1962. 15 p. (Bibliotechka iskatelia poleznykh iskopaemykh)

Grigorovich, M. B. [Natural building stones and sands] Estestvennye stroitel'nye kamni i peski. Izd. 2. Moskva, Gosgeoltekhizdat, 1962. 19 p. (Bibliotechka iskatelia poleznykh iskopaemykh)

Improve methods of guidance by the standing production conferences in prospecting organizations. A. A. Ivanushkin. Razved. i okh. nedr 28 no. 9 63-64 S '62.

Korin, I. Z. [How to search for nickel ores] Kak iskat' rudy nikelia. Izd. 3., perer. Moskva, Gosgeoltekhizdat, 1962. 44 p. (Bibliotechka iskatelia poleznykh iskopaemykh)

Markov, P. N. [How to look for mica deposits] Kak iskat' mesto zaleganiia sliud. Izd. 3. Moskva, Gosgeoltekhizdat, 1962. 19 p. (Bibliotechka iskatelia poleznykh iskopaemykh)

Mineral fuel resources are the foundation of the present-day economy. G. A. Mirlin. Razved. i okh. nedr 28 no. 9 2-11 S '62

Rozhkov, I. S. [Where and how to search for gold] Gde i kak iskat' zoloto. Izd. 2. Moskva, Gosgeoltekhizdat, 1962. 25 p. (Bibliotechka iskatelia poleznykh iskopaemykh)

Second Plenum of the Central Committee of the Trade Union of Prospecting Workers. A. I. Smirnov. Razved. i okh. nedr 28 no. 9 61-64 S '62

Using the hydrochemical method of prospecting for boron deposits. S. R. Krainov, S. D. Kapranov. Sov. geol. 5 no. 8:93-103 Ag '62

PROSPECTING—EQUIPMENT AND SUPPLIES

Mechanization of the digging of prospecting pits and ditches in parties prospecting in hard-to-reach areas. B. B. Likharev. Trudy VIEM no. 5:58-70 '62.

State of the development of new designs for samplers for deep prospecting holes. G. S. Gazian. Razved. i okh. nedr 28 no. 9 41-45 S '62.

PROSPECTING—FINANCE

Overevaluation of the capital assets and systematization of the depreciation computations in prospecting organizations. A. M. Shibaieva. Izv. vys. uch. zav., geol. i razv. 5 no. 6:67-70 '62.

PROSPECTING—GEOPHYSICAL METHODS

(see also subdivision under Altai Mountains, Caspian Sea; Pokrovo-Kluyevo region; West Siberian Plain)

Engineering geophysics in investigations. V. P. Peller, IU. G. Ivanov. Transp. stroi. 12 no. 8:32-34 Ag '62.

Geological interpretation of the results of geophysical studies of the Vygorlat-Gutinskiy volcanic ridge. V. G. Lizanets, V. I. Khomenko. Geofiz. sbor. no. 9:120-128 '62.

Lithological observations of underground mines and the study of cores of boreholes in geological surveying. V. N. Dominikovskii. Trudy VSEGEI 72:85-96 '62.

Nauchnaia konferentsiia po problemam neftianoi, gazovoi i neftekhimicheskoi promyshlennosti. [Abstracts of reports of the Conference on the Problems of the Petroleum, Gas, and Petrochemical Industries. Geophysics Section] Tezisy dokladov: Sektsiia geofizicheskaia. Moskva, Gostoptekhizdat, 1962. 35 p.

Zonation of water-bearing and oil-saturated fractured carbonate reservoirs in Miocene sediments of the western Kuban. E. M. Us. Geol. nefti i gaza 6 no. 8:10-17 Ag '62.

PROSTITUTES IN LITERATURE

Two conclusions for one theme: on the story "Light gray with blue" by Gorkii and the story by Kuprin "In the family manner." IA. D. Nikol'skaia. Trudy Gorkii no. 112:101-109 '61.

PROTAMINES

Neutralization of heparin by protamine sulfate during artificial blood circulation. M. IA. Khudaa, G. Kh. Platnitskaia, A. S. Zhidovetskaia. Klin. khir. no. 7: 59-62 Jl '62.

PROTECTIVE ATMOSPHERES

Effect of temperature on changes in the composition of gases used in gas-arc welding. V. I. Dimitov. Avtom. svar. 15 no. 9:89 S '62.

Esenberlin, R. E. [Brazing metals in furnaces with a gaseous atmosphere] Paika metallov v pechakh s gazovoi sredoi. Izd. 2., dop. i perer. Moskva, Mashgiz, 1962. 127 p.

PROTECTIVE CLOTHING see Clothing, Protective

PROTECTIVE COATINGS

Mechanization of waterproofing work. Stroi. i arkhit. Len. 24 no. 2 39 F '62.

PROTEIN HYDROLYSATES

Effect of some trace elements on the biological activity of Clostridium perfringens during cultivation on a casein hydrolysate medium. L. S. Dinevich. Trudy MIEMG no. 5:79-88 '61.

PROTEIN METABOLISM

Informational RNA and regulating mechanisms of protein synthesis in bacteria, a review [with summary in English]. A. S. Spirin, V. N. Smirnov. Izv. AN SSSR, ser. biol. 27 no. 4:477-501 Jl-Ag '62.

Potential antimetabolites. Part 1. Synthesis of β-(4-hydroxy-6-methyl-2-pyrimidinyl)-alanine. Yu. P. Shvachkin, L. A. Syatsova, M. A. Prokof'ev. Zhur. ob. khim. 32 no. 8 2431-2436 Ag '62.

Seasonal changes in the protein and ribonucleic acid content of liver cells in frogs [with summary in English]. E. M. Grazmentskii. Zhur. ob. biol. 23 no. 4:311-313 Jl-Ag '62.

Toparskaia, V. N. [Physiology and pathology of carbohydrate, lipid and protein metabolism] Fiziologiia i patologiia uglevodnogo, lipidnogo i belkovogo obmena. Moskva, Medgiz, 1962. 187 p.

PROTEINS

C-reactive protein in chronic gastritis. S. B. Korostovtsev. Kaz. med. zhur. no. 3 16-17 My-Je '62.

Configuration of proteins in solution. S. J. Leach. Usp. khim. 31 no. 9:1104-1136 S '62.

Content and quality of protein in hybrid corn [with summaries in English, German, and French]. A. A. Staffichuk, L. I. Pavlenko. Vest. sel'khoz. nauki 7 no. 8 21-24 Ag '62.

Determination of the heat of combustion of wheat grain proteins during their thermal denaturation. V. N. Ponomarev and others. Dokl. AN SSSR 146 no. 1: 213-214 S '62.

Distribution of nucleic acids, proteins and some of their functional groups in olfactory cells of vertebrates. A. A. Bronshtein. TSitologiia 4 no. 4:418-426 Jl-Ag '62.

Effect of cycloserine stereoisomers on the synthesis of protein and the lysis of B. coli cells [with summary in English]. R. K. Ledneva, E. D. Vyshepan, K. I. Ivanova. Antibiotiki 7 no. 8 724-729 Ag '62.

International symposium on the structure and biological functions of protein. V. I. Vorob'ev. TSitologiia 4 no. 4:471-473 Jl-Ag '62.

Problem of the synthesis of specific proteins. Yu. P. Babskaia and others. Dokl. AN SSSR 146 no. 2:460-463 S '62.

Production of plant proteins [with summary in English]. N. A. Maisurian. Izv. TSKHA no. 2:7-18 '62.

Protein characteristics of plants, their qualitative analysis and quantitative determination of the degree of their structural similarity by serological methods [with summary in English]. I. Kloz. Fiziol. rast. 9 no. 4 496-501 '62.

Protein requirements of laying hens [with summary in English]. M. P. Romanov, I. S. Popov. Izv. TSKHA no. 3:1-4-111 '62.

Secrets of the biosynthesis of protein. K. L. Gladilin. Priroda 51 No. 7:31-36 Jl '62.

Structure of a protein molecule. Yu. B. Filippovich. Khim. v shkole 17 no. 5:8-23 S-O '62.

PROTOCATECHUYL ALCOHOL—THERAPEUTIC USE

Isadrine in pulmonary emphysema and chronic bronchitis. L. I. Golesova. Klin. med. no. 12:78-83 '61.

PROTONS

Absorption cross-section of 6.6 Mev. protons by F^{19} nuclei. S. S. Vasil'ev, E. A. Romanovskii, G. F. Timushev. Vest. Mosk. un. Ser. 3:Fiz., astron. 17 no. 4:103 Jl-Ag '62.

Calculation of the interaction between fast protons and heavy nuclei, taking the fission process into account. B. N. Bellaev, A. N. Murin. Atom. energ. 13 no. 4. 317-320 O '62.

Elastic scattering of 7.2 Bev. π^+-mesons on protons [with summary in English]. M. S. Ainutdinov and others. Zhur. eksp. i teor. fiz. 42 no. 6:1495-1498 Je '62.

Production of light nuclei in bombarding heavy elements with 660 Mev. protons [with summary in English]. A. K. Lavrukhina and others. Zhur. eksp. i teor. fiz. 43 no. 1:3-7 Jl '62.

Resonance charge exchange in atomic hydrogen [with summary in English]. Yu. E. Murakhver. Zhur. eksp. i teor. fiz. 42 no. 5:1241-1243 My '62.

Scattering of 200 Mev. neutrons by protons [with summary in English]. Yu. M. Kazarinov, Yu. N. Simonov. Zhur. eksp. i teor. fiz. 43 no. 1:35-39 Jl '62.

PROTONS—SCATTERING

Elastic high-energy proton-proton scattering [with summary in English]. E. N. TSyganov. Zhur. eksp. i teor. fiz. 42 no. 6:1456-1460 Je '62.

Elastic scattering of protons by B^{10} nuclei. G. B. Andreev, A. S. Deineko, I. IA. Malakhov. Izv. AN SSSR. Ser. fiz. 26 no. 9:1134-1136 S '62.

High-energy proton-proton scattering. S. A. Azimov, G. G. Arushanov, A. A. Ildashev. Izv. AN UZ SSSR Ser. fiz. mat. nauk 6 no. 3:76-81 '62.

Inelastic scattering of 6.6 Mev. protons on nickel and copper nuclei. S. S. Vasil'ev, E. A. Romanovskii, G. F. Timushev. Izv. AN SSSR Ser. fiz. 26 no. 9.1113-1119 S '62.

Measurement of the spin correlation coefficient for pp-scattering at an energy of 660 Mev. [with summary in English]. V. I. Nikanorov and others. Zhur. eksp. i teor. fiz. 42 no. 5:1209-1211 My '62.

Quasi-elastic scattering of fast protons and the hole excitation spectrum in the N^{14} nucleus [with summary in English]. V. V. Balashov, A. N. Boiarkina. Zhur. eksp. i teor. fiz. 43 no. 1.117-120 Jl '62.

Restoration of the scattering matrix near the threshold [with summary in English]. A. I. Baz', L. D. Puzikov, IA. A. Smorodinskii. Zhur. eksp. i teor. fiz. 42 no. 5 1249-1251 My '62.

Scattering of low-energy protons on S^{32} [with summary in English]. H. Hulubei and others. Zhur. eksp. i teor. fiz. 42 no. 6 1133-1137 Je '62.

Study of stripping and elastic scattering of deuterons on Cl^{32} nuclei [with summary in English]. K. I. Zherebtsova, V. F. Litvin, Yu. A. Nemilov. Zhur. eksp. i teor. fiz. 43 no. 1, 8-10 Jl '62.

Using an orthogonal complex potential for describing the elastic scattering of 1 to 40 Mev. protons on He^4. L. S. Sokolov, I. N. Lebkova. Izv. vyz. uch. zav., fiz. no. 4, 62-65 '62.

PROTONS—SPECTRA

"Gross structure" of proton spectra in stripping reactions [with summary in English]. O. F. Nemets, V. V. Tokarevskii. Zhur. eksp. i teor. fiz. 42 no. 6:1481-1487 Je '62.

PROTOZOA, PATHOGENIC

Typhlohepatitis diseases in chickens (histomoniasis). V. G. Romanenko, V. A. Petrov. Trudy Rost. NIVS no. 2:166-170 '60.

PROTOZOA, PATHOGENIC—CONGRESSES

International conference devoted to diseases in countries with hot climate. Report No. 2. The problem of helminthic and protozoan diseases. P. S. Leikina, V. B. Schensnovich. Med. parazit. i parazit. bol. no. 3 259-265 '62.

PROVERBS

V. N. Tatishchev's collected proverbs. F. M. Golovenchenko. Uch. zap. MGPI 160-283 '61.

PRUT VALLEY—MAMMALS, FOSSIL

Relics of mammals from the Stariye Druitory Cave. A. I. David. Priroda 51 no. 9:124 S '62.

PSEUDARTHROSIS

Late results of treating pseudarthrosis of the neck of the femur. Z. N. Koshevnikova. Trudy Len. gos. nauch.-issl. inst. travm. i ortop. no. 8:189-192 '61.

PSEUDOMONAS LACHRYMANS

Effect of zinc in increasing the resistance of various cucumber varieties to bacteriosis. M. N. Rodigin, T. I. Minaeva. Dokl. AN SSSR 146 no. 2.478-479 S '62.

PSKOV PROVINCE—RUSSIAN NEWSPAPERS

Business-like methods and specificity. Part 1. zhizn' no. 10.68-72 O '62.

PSORIASIS

Use of some hormone preparations in the compound treatment of psoriasis. R. F. Fedorovskaia. Kaz. med. zhur. no. 3:61-65 My-Je '62.

PSYCHIATRIC NURSING—CONGRESSES

Republic conference of nurses. N. P. Rodionova. Med. sestra 21 no. 9:64 S '62.

PSYCHIATRY

Discussions, surveys and reviews [of the article,] "Problems of neuropathology and psychiatry." E. G. Konstantinovskii, M. Kh. Gonopol'skii. Zhur. nevr. i psikh. 62 no. 7: 1103-1104 '62.

PSYCHOANALYSIS

Importance of the ideological struggle with the Freudian concept in contemporary medicine and philosophy. E. S. Stankevich. Kaz. med. zhur. no. 3:78-81 My-Je '62.

PSYCHOLOGY, MILITARY

Koroboinikov, M. P. [Psychology for the sergeant] Serzhantu o psikhologii. Moskva, Voenizdat, 1962. 100 p. (Biblioteka serzhanta)

PSYCHOLOGY, PHYSIOLOGICAL

Evolution of higher nervous activity and psyche. D. A. Biriukov. Priroda 51 no. 9:44-49 S '62.

Generator of moods. A. Voskresenskii, G. Izosimov, A. Prokhorov. Znan.-sila 37 no. 5:34-35 My '62.

Mardershtein, I. G. [Reflection of the theories of brain physiology in literature] Otrazhenie v khudozhestvennoi literature uchenita o fiziologii golovnogo mozga; nauchno-populiarnyi ocherk. Pod red. Kh. K. Salakhutdinova. Tashkent, Medgiz UzSSSR, 1962. 129 p.

"The problem of determinism in the physiological psychology of the 19th century" by M. G. IAroshevskii. Reviewed by B. M. Teplov. Vop. filos. 16 no. 9:171-175 '62.

PSYCHOSES

Psychoses in acrichine intoxication in children suffering from Lamblíasis [with summary in French]. L. P. Saldina. Zhur. nevr. i psikh. 62 no. 7:1072-1076 '62.

PTERIDOPHYTA

Polar axes of spores and the moving apart of nuclei during meiosis in tetrads of different types in pteridophytes. A. N. Sladkov. Dokl. AN SSSR 146 no. 1:225-226 S '62.

PUBLIC BUILDINGS
(see also subdivision under Moscow)

Akademiia stroitel'stva i arkhitektury SSSR, Institut obshchestvennykh zdanii i sooruzhenii. [Planning and constructing rural buildings for cultural and social purposes] Proektirovanie i stroitel'stvo sel'skikh kul'turno-bytovykh zdanii. Moskva, Gosstroiizdat, 1962. 76 p. (Sel'skie kul'turno-bytovye zdaniia)

For public buildings. N. Novosel'skii. Stroi. i arkhit. Mosk. 11 no. 9:28-31 S '62.

The principal statutes governing the design of public buildings and structures. V. Smirnov. Zhil. stroi. no. 8:33-34 '62.

Unification of the construction of public buildings. A. Leonidov. Zhil. stroi. no. 7 14-15 '62.

PUBLIC HEALTH
(see also subdivision under Tula)

Beliushov, K. G. [Preventive sanitary control of the planning, building and improvement of populated areas in the U. S. S. R.] Predupreditel'nyi sanitarnyi nadzor za planirovkoi, zastroikoi i blagoustroistvom naselennykh mest SSSR. Izd 2., perer. i dop. Moskva, Medgiz, 1962. 166 p. (DNLM)

Brief news and information. Gig. i san. 26 no. 12:110-111 D '61.

Volunteers of the health army. E. Nitsinvskaia. Sov. profsoiuzy 18 no. 19 36-37 O '62.

PUBLIC HEALTH, RURAL
(see also subdivision under Tashkent Province)

Hygienic evaluation of plans and construction of collective farms in some provinces of the Russian Federation [with summary in English]. V. A. Konenova, V. B. Aksenova. Gig. i san. 26 no. 12:14-19 D '61.

PUBLIC HEALTH, RURAL—CONGRESSES

First All-Union Conference on Rural Hygiene. E. S. Lukhno. Gig. i san. 26 no. 12:93-95 D '61.

PUBLIC HEALTH ADMINISTRATION

Method for determining the correct proportions between the number of medical posts of various specialties in urban dispensary and polyclinical institutions. I. D. Bogatyrev. Zdrav. Ros. Feder. 6 no. 7:41-47 Jl '62.

Popularization of the advanced work of public health institutions and organs. B. D. Petrov. Zdrav. Ros. Feder. 6 no. 7:34-36 Jl '62.

Some problems in raising the qualifications of medical personnel in the R. S. F. S. R. V. V. Troffimov. Zdrav. Ros. Feder. 6 no. 7:3-7 Jl '62.

PUBLIC HEALTH NURSING

Red Cross. Soiuz obshchestv Krasnogo kresta i Krasnogo polumesiatsa SSSR. Ispolnitel'nyi komitet. [Textbook for the training of sanitary nurses] Uchebnik dlia podgotovki sanitarnykh druzhinnits. Izd. 5., stereotipnoe. Moskva, Medgiz, 1962. 273 p. (DNLM)

PUBLIC HEALTH SOCIETIES

Lotova, E. I. [The Russian intelligentsia and public hygiene problems; the first hygiene society in Russia] Russkaia intelligentsiia i voprosy obshchestvennoi gigieny; pervoe gigienicheskoe obshchestvo v Rossii. Moskva, Medgiz, 1962. 196 p.

PUBLIC PROSECUTORS
(see also subdivision under Latvia)

"Judicial system and public prosecution in the U. S. S. R." Reviewed by K. S. Teterin. Sov. gos. i pravo 32 no. 10 142-146 O '62.

The role of public prosecutors in the education of workers. N. I. Baskakov. Sov. gos. i pravo 32 no. 10 121-125 O '62.

PUBLIC SPEAKING

"Orators of the working class," Reviewed by A. Tarasenko. Polit. samoobr. 6 no. 9:152-155 S '62.

PUBLISHERS AND PUBLISHING
(see also subdivision under Ukraine)

Questions in the economics of books in connection with the problem of improving the quality of publications. V. A. Markus. Kniga; issl. i mat. 6:28-36 '62.

Should we conceal the names of reviewers? A. Konson. Kommunist 39 no. 10;127-128 N '62.

The 22d Congress of the CPSU and Soviet publishing. Kniga; issl. i mat. 6:7-11 '62.

PUBLISHERS AND PUBLISHING—ACCOUNTING

Using the journal-voucher system in publishing. I. Brovchenko. Bukhg. uchet 19 no. 7:53-57 Jl '62.

PUBLISHERS AND PUBLISHING—BIBLIOGRAPHY see Bibliography—Publishers and publishing

PUBLISHERS AND PUBLISHING—CONGRESSES

A coordinating meeting of the editing and publishing councils of the Soviet Union and Union Republics' publishing houses of scientific literature. Vest. AN Kazakh. SSR 18 no. 6 90 Je '62

PULMONARY ARTERY—CANCER

Unusual neoplastic lesion of the pulmonary artery and its branches. M. M. Tkaspol'skaia. Arkh. pat. no. 7 67-71 '62.

PULMONARY EDEMA

Principal therapeutic methods in pulmonary edema and their pathophysiological aspects. IA. Lazaris, L. A. Serebrovskaia. Klin. med. no. 12 7-14 '61.

PULMONARY EMPHYSEMA see Emphysema, Pulmonary

PULSE

Diagnostic importance of determining the protein fractions and sialic acid in "pulseless disease." S. G. Klitchareva. Kaz. med. zhur. no. 3:55-57 My-Je '62.

The pulse. A. M. Vein. Zdorov'e 8 no. 9:6-7 S '62.

PULSE CIRCUITS

Analysis of an integrator of square-pulse radio signals. N. L. Teplov, V. F. Shmatchenko. Elektrosviaz' 16 no. 8:3-12 Ag '62.

Evaluation of the parametric potentials of a diodeless shift register using two-opening transfluxers. S. P. Mironov. Elektrosviaz' 16 no. 10:38-41 O '62.

A transistor device for stretching impulses. E. D. Prokhorov, N. A. Shekhovets. Izv. vys. ucheb. zav., radiotekh. 5 no. 3 394-396 My-Je '62.

PULSE TECHNIQUES (ELECTRONICS)

Analysis of the operation of a pulse selector as a source of transitional noise in radio relay communication systems with time-division multiplex of channels. A. I. Dzygalo. Izv. vys. ucheb. zav., radiotekh. 5 no. 3 402-404 My-Je '62.

Attachment for measuring small time intervals. S. S. Vetoshkin, B. S. Rozov. Avtom. i telem., sbor. st. no. 2 49-59 '62.

Phase stabilization in pulse-type self-oscillators. V. I. Grigulevich. Elektrosviaz' 16 no. 8:13-19 Ag '62.

Probability of operational reliability of pulse counters. D. G. Poliak. Radiotekhnika 17 no. 10:52-53 O '62.

Pulse shaping during the keying of transmitters for better utilization of the spectrum. M. S. Gurevich. Elektrosviaz' 16 no. 8 24-31 Ag '62.

Synchronization of a pulse-type self-oscillator in linear operation. V. I. Grigulevich. Elektrosviaz' 16 no. 9: 26-32 S '62.

Time delay of impulses. G. Gasanov. Radio no. 9:53-54 S '62.

A transistor device for stretching impulses. E. D. Prokhorov, N. A. Shekhovets. Izv. vys. ucheb. zav., radiotekh. 5 no. 3 394-396 My-Je '62.

PULVERIZED COAL see Coal, Pulverized

PUMPING MACHINERY

Automatic unloading of hydraulic pumps and limiting of idle operations. L. F. Evstigneev. Prom. energ. 17 no. 10, 9-11 O '62.

Logov, I. L. [Pneumatic pumps] Pnevmaticheskie nasosy. Moskva, Mashgiz, 1962. 207 p.

More on the economy characteristics of the operation of mine drainage systems. G. N. Maksimov. Prom. energ. 17 no. 10, 49 O '62.

Nodular cast iron as material for magnetic circuits in single-phase electromagnetic pumps [with summary in English]. V. P. Polishchuk. Nauch. trudy Inst. Ukr. proizv. AN URSR 11:85-91 '62.

Nonfreezing water post. V. I. Matiushenko. Vod. i san. tekh. no. 8, 34-35 Ag '62.

Rabinovich, N. I., comp. [Mobile pumping stations; brief manual] Peredvizhnye nasosnye stantsii; kratkii spravochnik. Moskva, Rosgiprovodkhoz, 1962. 85 p.

Selecting the number of pump blades. A. M. Sedor. Stan. i instr. 33 no. 9:8-10 S '62.

PUMPING MACHINERY, ELECTRIC

Use of type AP and APV submerged artesian electric pumps as pumps with a class 2 lift. A. G. Kulibabin. Vod. i san. tekh. no. 7:18-21 Jl '62.

PUMPING MACHINERY—VIBRATION

Detecting sources of vibration and noise in a pump. A. V. Chichikaliuk. Vest. mashinostr. 42 no. 9:34-36 S '62.

PUMPING STATIONS

Automation of water pumping stations. V. P. Pozdniakov. Mekh. i avtom. proizv. 16 no. 8:14-16 Ag '62.

Pumping station for hydraulic jacks. B. Karagodin. Avt. transp. 40 no. 9:57 S '62.

Studying hydraulic valves for breaking the vacuum of siphon gates in irrigation pumping stations [with summary in English]. V. M. Nekrasov, M. M. Floriniskii. Izv. TSKHA no. 2:157-164 '62.

PUNCHED CARD SYSTEMS see subdivision under Czechoslovakia; Gorkiy

PUNCTURES (MEDICINE)

Intravital cytological study of lung punctate in pneumonias in lambs. V. K. Parakin. Trudy Rost. NIVS no. 12:120-122 '60.

PUNISHMENT

Corrective labor without confinement. M. I. Ilinov, A. Shagalov. Sov. iust. no. 18, 11-15 S '62.

How Soviet courts impose penalties. A. Mikhlin. Biul. na vop. trud. no. 8:27-32 Je '62.

"Individualization of punishment in Soviet criminal law" by I. I. Karpets. Reviewed by P. Dagel'. Sov. iust. no. 19, 26-29 O '62.

PURINES

Viral physiology in comparative pharmacology [with summary in English]. V. L. Ryzhkov. Izv. AN SSSR, Ser. biol. 27 no. 4 530-543 Jl-Ag '62.

PURPURA (PATHOLOGY)

"Clinical aspects and treatment of capillarotoxicosis in children" by Z. A. Daullina. Reviewed by N. V. Potanin, N. B. Grinbaum. Vop. okh. mat. i det. 7 no. 8:92-94 Ag '62.

PURVITS, VILHELMS, 1872-1945

Bard of Latvian nature. A. Eglit. Iskusstvo 25 no. 7. 32-34 '62.

PUSHKIN—CITY PLANNING

The future of the city of Pushkin. Stroi. i arkhit. Len. 24 no. 7:40 Jl '62.

PUSHKIN, ALEKSANDR SERGEEVICH, 1799-1837
(see also subdivision under Poland)

A tale narrated by Pushkin. N. L. Stepanov. Uch. zap. MGPI 160 23-33 '61.

"My genealogy" by A. S. Pushkin. A. G. Gukasova. Uch. zap. MGPI 160 35-60 '61.

"Pushkin's vocabulary." Reviewed by I. S. Il'inskaia. Rus. iaz. v shkole 23 no. 4:95-99 Jl-Ag '62.

PYRAZOLE

Pyrazoles. Part 20. Basicity of pyrazoles conjugated with various aromatic systems (peculiarity of the ferrocene aromatic system). I. I. Grandberg, A. N. Kost. Zhur. ob. khim. 32 no. 9:3025-3029 S '62.

Pyrazoles. Part 29. Methods of calculating the relative basicities of pyrazole systems. I. I. Grandberg. Zhur. ob. khim. 32 no. 9, 3029-3033 S '62.

PYRAZOLONE

Complex halide compounds of osmium (IV) with pyrazolone derivatives. A. I. Busev, V. K. Akimov. Zhur. neorg. khim. 7 no. 8, 2071-2077 S '62.

PYRIDAZINONE

Furan compounds. Part 10: Synthesis of 6-alkyl-3-pyridazinones and 6-alkyl-3-pyridazones based on furfurole. A. A. Ponomarev, V. A. Sedavkina. Zhur. ob. khim. 32 no. 8:2540-2544 Ag '62.

PYRIDINE

Synthesis and some conversions of ethynylcarbonols of the pyridine series. A. N. Kost, P. B. Terent'ev, A. A. Shchegolev. Zhur. ob. khim. 32 no. 8:2606-2612 Ag '62.

PYRIDINEMETHANOL

Pyridylthiazolylmethane series. Part 1: Synthesis and properties of 4-pyridyl-2'-thiazolylcarbinol. Formation of free radicals. V. G. Ermolaeva, M. N. Shchukina. Zhur. ob. khim. 32 no. 8:2664-2670 Ag '62.

PYRIDINIUM COMPOUNDS

Effect of alkyl pyridinium iodides and lithium perchlorate on the solubility of benzoic acid in water, ethyl alcohol, and their mixtures. V. F. Sergeeva, L. Eskaraeva. Zhur. ob. khim. 32 no. 9 2958-2960 S '62.

PYRIMIDINEALANINE

Potential antimetabolites. Part 1: Synthesis of β-(4-hydroxy-6-methyl-2-pyrimidinyl)-alanine. Iu. P. Shvachkin, L. A. Syrtsova, M. A. Prokof'ev. Zhur. ob. khim. 32 no. 8:2431-2436 Ag '62.

PYRIMIDINES

Attempts at the radiosensitization of transplanted tumors using some pyrimidine derivatives [with summary in English]. R. L. Pol'kina, M. N. Bychenkova, L. I. Zalesskaia. Trudy Inst. onk. AMN SSSR no. 4, 102-107 '62.

PYRITE CRYSTALS see subdivision under Ordubad District

PYRITES

Role of thiobacteria in the leaching of sulfide ores. V. I. Ivanov. Dokl. AN SSSR 146 no. 2:447-449 S '62.

PYROCATECHOL

Synthesis of di(2-chloroethyl)amino derivatives of pyrocatechol. M. N. Vasil'eva, A. IA. Berlin. Zhur. ob. khim. 32 no. 9:3088-3090 S '62.

PYROLUSITE

Using pyrolusite ore as catalyst in the oxidation of paraffin. I. E. Rusinov, V. I. Babaev. Masl.-zhir. prom. 28 no. 9:16-17 S '62.

PYROMETRY

Establishing reference point of temperature scale for the reproduction of a black body at high temperature. G. F. Sitnik. Soob. GAISH no. 120:10-16 '62.

PYRROLE

New method of synthesizing pyrroles. Conversion of amines of the furan series to 2, 5-dialkylpyrroles. L. F. Bel'skii. Zhur. ob. khim. 32 no. 9 2905-2906 S '62.

New method of synthesizing pyrroles. Conversion of furanamines to 2, 4-dialkylpyrroles. L. F. Bel'skii. Zhur. ob. khim. 32 no. 9 2906-2911 S '62.

PYSHMA VALLEY—FOREST REPRODUCTION

Sumilkov, S. N. [Natural regeneration of pine and measures for promoting it in pine forests of the Pyshma Valley] Estestvennoe vozobnovlenie sosny i mery sodeistviia emu v Pripyshminskikh borakh. Sverdlovsk, Akad. nauk SSSR, Ural'skii filial, 1961. 76 p. (DNAL)

QUADRATIC RESIDUES see Congruences and residues

QUADRICS

On degenerate conformal geometries [with summary in English]. I. V. Parmanskii. Vest. Mosk. un. Ser. 1: Mat., mekh. 17 no. 5:44-53 S-O '62.

QUALITY CONTROL
(see also subdivision under Gorkiy Province)

Precise, strong and lasting. IA. Sorin and others. Znam. shita 37 no. 5 10-16 My '62.

"Statistical methods of the analysis and control of quality and reliability" by IA. B. Shor. Reviewed by O. Podvigaki. NTO 4 no. 10:52-53 O '62.

The worker, foreman and the head of a workshop are the best controllers. V. Raguzov. Sots. trud 7 no. 9:85-90 S '62.

QUANTUM CHEMISTRY

Problems of quantum chemistry. N. D. Sokolov. Vest. AN SSSR 32 no. 9:135-138 S '62.

QUANTUM FIELD THEORY

Allowing for the finite dimensions of the nucleus in isotopic displacement [with summary in English]. I. A. Babushkin. Zhur. eksp. i teor. fiz. 42 no. 6: 1604-1607 Je '62.

Annihilation of an electron-positron pair to produce two gravitons [with summary in English]. Iu. S. Vladimirov. Zhur. eksp. i teor. fiz. 43 no. 1:89-91 Jl '62.

Application of quantum field theory methods to the problem of the decay of uniform turbulence [with summary in English]. V. I. Tatarskii. Zhur. eksp. i teor. fiz. 42 no. 5:1386-1395 My '62.

Axiomatic theory of the symmetry properties of elementary particles [with summary in English]. Iu. V. Novozhilov. Vest. LGU 17 no. 16:5-16 '62.

Correlation energy and collective excitations for interacting Fermi fields [with summary in English]. A. V. Tulub. Vest. LGU 17 no. 16:20-29 '62.

Formula for the calculation of phase shifts in the case of Thomas-Fermi and Hartree potentials [with summary in English]. T. Tietz, L. Wojtczak. Zhur. eksp. i teor. fiz. 43 no. 1 97-99 Jl '62.

Integral representation of Green's function of the energy operator for a particle in a Coulomb field [with summary in English]. V. F. Brattsev, E. D. Trifonov. Vest. LGU 17 no. 16:36-39 '62.

Kemmer's scalar symmetric model [with summary in English]. G. V. Efimov. Zhur. eksp. i teor. fiz. 42 no. 6:1559-1566 Je '62.

Quantum field theory in p-space of constant curvature [with summary in English]. Iu. A. Golfand. Zhur. eksp. i teor. fiz. 13 no. 1:258-267 Jl '62.

Spin-spin interactions via a phonon field in paramagnetic crystals [with summary in English]. L. K. Aminov, B. I. Kochelaev. Zhur. eksp. i teor. fiz. 42 no. 5:1303-1306 My '62.

QUANTUM MECHANICS

Quantum-mechanical derivation of the equation of state of iron [with summary in English]. G. M. Gandel'man. Zhur. eksp. i teor. fiz. 43 no. 1:130-145 Jl '62.

QUANTUM THEORY

"Anharmonic" effects of quadrupole oscillations of spherical nuclei [with summary in English]. S. T. Beliaev, V. G. Zelevinskii. Zhur. eksp. i teor. fiz. 42 no. 6:1590-1603 Je '62.

Cascade γ-quanta in the reaction $Rh^{103}(n, \gamma)Rh^{104}$ [with summary in English]. L. F. Kalinkin, A. S. Mel'nikovskii, I. V. Estulin. Zhur. eksp. i teor. fiz. 42 no. 5:1149-1157 My '62.

Collective excited nuclear states in fast particle scattering. V. I. Beliak. Izv. AN SSSR, Ser. fiz. 26 no. 9: 1180-1187 S '62.

Decay scheme of an 6.92 Mev. resonance state and quantum characteristics of the lower levels of the K^{41} nucleus. A. K. Val'ter and others. Izv. AN SSSR, Ser. fiz. 26 no. 9, 1137-1142 S '62.

Effect of cross-relaxation on population inversion in ruby [with summary in English]. D. N. Klyshko, V. N. Tumanov, L. A. Ushakova. Zhur. eksp. i teor. fiz. 43 no. 1:25-30 Jl '62.

Effect of dipole polarization of the core on the probability of single-particle transitions. N. P. Il'in. Izv. AN SSSR, Ser. fiz. 26 no. 9:1215-1217 S '62.

Effect of nucleon - surface interaction on the photodisintegration of the O^{16} nucleus. N. P. Il'in. Izv. AN SSSR, Ser. fiz. 26 no. 9:1222-1224 S '62.

QUANTUM THEORY (Continued)

Effect of pair correlations on two-gamma quantum processes in the nucleus. L. N. Rapoport, A. G. Krylovetskii. Izv. AN SSSR. Ser. fiz. 26 no. 9,1209-1214 S '62.

Energy migration and transfer in a two-component mixture. V. S. Rubanov. Opt. i spektr. 13 no. 3:454-457 S '62.

Excited states of odd atomic nuclei with slight nonaxiality. A. S. Davydov, R. A. Sardaryan. Vest. Mosk. un. Ser. 3: Fiz., astron. 17 no. 4:72-82 Jl-Ag '62.

Inequality describing the effective mass in metals with a low concentration of current carriers. R. G. Arkhipov. Zhur. eksp. i teor. fiz. 43 no. 1:349-351 Jl '62.

Interpretation of the theory of quantum mechanics. S. Sakata. Vop. filos. 16 no. 9:132-142 '62.

Inversion of the level populations of sodium in the fluorescence of a mixture of sodium and mercury vapors. S. E. Frish, O. P. Bochkova. Zhur. eksp. i teor. fiz. 43 no. 1:331-333 Jl '62.

Magnetic moment of the excited state of the Sn^{119} nucleus at an energy of 23.8 kev. [with summary in English] V. A. Bilukhanov, N. N. Delyagin, V. S. Shpinel'. Zhur. eksp. i teor. fiz. 42 no. 5:1183-1185 My '62.

Nature of the neutralization of surface recombination centers in germanium. III. A. Kuliskii. Fiz. tver. tela 4 no. 9:2620-2622 S '62.

Nuclear matrix elements in the β-transition of La^{140} [with summary in English] A. A. Petushkov, I. V. Estulin. Zhur. eksp. i teor. fiz. 42 no. 5:1166-1170 My '62.

Particle - hole interaction in the nuclear shell model. N. P. IUdin. Izv. AN SSSR. Ser. fiz. 26 no. 9,1218-1221 S '62.

Potentials of quantum mechanics. I. S. Arzhanykh. Izv. AN Uz. SSR. Ser. fiz.-mat. nauk 6 no. 4:5-11 '62.

Pulse excitation of a system of weakly interacting particles [with summary in English]. U. Kh. Kopvillem. Zhur. eksp. i teor. fiz. 42 no. 5:1333-1343 My '62.

Quantum-mechanical expression of the density of an energy flux. B. M. Askerov. Izv. AN Azerb. SSR. Ser. fiz.-mat. i tekh. nauk no. 3 77-80 '62.

Quantum physics and the problem of the elementary nature of particles. M. F. Omel'ianovskii. Vop. filos. 16 no. 9:121-131 '62.

"Special role" of electromagnetic potentials in quantum mechanics. E. L. Feinberg. Usp. fiz. nauk 78 no. 1 52-64 S '62.

Supermultiplet level structure and characteristics of the (γ, d) reaction on light nuclei. V. V. Balashov, V. N. Fetisov. Izv. AN SSSR. Ser. fiz. 26 no. 9:1188-1189 S '62.

Study of two-quantum transitions of nuclei [with summary in English]. M. A. Listengarten. Vest. LGU 17 no. 16: 142-143 '62.

Theory of nonradiative transitions in luminescent ionic crystals. B. Z. Malkin. Zhur. eksp. i teor. fiz. 42 no. 5 1410-1411 My '62.

Use of direct methods of mathematical physics in quantum physics. A. N. Kushnirenko. Izv. vys. uch. zav.; fiz. no. 4:16-20 '62.

QUARRIES AND QUARRYING

The economic basis of the efficient capacity of sawed stone quarries. M. G. Leikin, V. L. Makarov, V. V. Brianov. Strof. mat. 8 no. 8:21-23 Ag '62.

Kutuzov, B. N., and M. A. Pshentichnyi. [Blasting in open-pit mines] Vzryvnik na otkrytykh gornykh razrabotkakh. Moskva, Gosgortekhizdat, 1962, 154 p.

Let's increase the productivity of quarries of the interfarm building organizations. I. Polishchuk. Stil'. bud. 12 no. 8:19-20 Ag '62.

QUARTZ

(see also subdivision under Armenia)

Adsorption of asphaltenes by quartz. L. V. Liutin, I. P. Olenikov. Nauch.-tekh. sbor. po dob. nefti no. 16:78-81 '62.

Possibility of using the seismoelectric method in prospecting for quartz veins. Z. V. Mazanova, N. M. Neishtadt, L. N. Osipov. Trudy VITR no. 5:100-113 '62.

QUARTZITE see subdivision under Aldan Plateau

QUEUING THEORY

Basharin, G. P. [Tables of probabilities and root-mean-square deviations of losses on a fully accessible pencil of lines] Tablitsy veroiatnostei i srednikh kvadraticheskikh otkloneniĭ poter' na polnodostupnom puchke linii. Moskva, Izd-vo Akad. nauk SSSR, 1962, 127 p.

QUINACRINE—TOXICOLOGY

Psychoses in acrichine intoxication in *children suffering* from Lambliasis [with summary in French]. L. P. Saldina. Zhur. nevr. i psikh. 62 no. 7:1072-1076 '62.

QUINOLINE

Chloroquine therapy of amebic abscess of the liver [with summary in English]. Jose G. Basnueva, Federico Sotolongo. Med. paraz. i paraz. bol. no. 3:275-279 '62.

QUINOLINESULFONIC ACID

Synthesis of some 7-substituted 8-hydroxyquinoline-5-sulfonic acids and a physicochemical evaluation of their properties in forming complexes with Sr^{2+} and Ca^{2+} ions. D. D. Smolin, L. I. Tikhonova, A. A. Rytova. Zhur. ob. khim. 32 no. 8:2418-2423 Ag '62.

QUINOLYL ALDEHYDE

Interaction of 6-quinolyl aldehyde with heterocyclic bases containing active methyl groups. B. P. Lugovkin. Zhur. ob. khim. 32 no. 8 2544-2548 Ag '62.

QUINOXALINE

Derivatives of imidazobenzothiadiazole, imidazobenzoselenodiazole, imidazobenzotriazole, and imidazoquinoxaline. S. G. Fridman, L. I. Kotova. Zhur. ob. khim. 32 no. 9 2871-2882 S '62.

N-oxides of the quinoxaline series. Part 5. Reactions of N-oxides of quinoxaline and 2-methylquinoxaline with acetic anhydride. A. S. Elina. Zhur. ob. khim. 32 no. 9 2967-2973 S '62.

QUINUCLIDINONE

3-Quinuclidinone in the Knoevenagel reaction. E. E. Mikhlina, M. V. Rubtsov. Zhur. ob. khim. 32 no. 9:2935-2940 S '62.

QUOTATION

A letter to the editor. I. I. Frolova. Sred. veka no. 22: 296-300 '62.

RABBITS

Tykhonova, M. P., and N. P. Voronina. [Rabbit raising] Krolivnytstvo. Kyiv, Derzhsil'hospvydav URSR, 1962. 157 p.
(DNAL)

RACE see subdivision under Europe

RADAR

Optimum detection of a radar signal using several receiving channels. V. B. Fedorov. Radiotekhnika 17 no. 9:60-67 S '62.

Radio beam instead of a drill. IU. Beil'kin. Vokrug sveta no. 8,4 Ag '62.

RADAR IN NAVIGATION

Use of radar in determining the maneuvering elements of a ship. L. K. Kushch. Ryb. prom. no. 5:17-17 '59.

RADAR IN SURVEYING

Adjustment of radiogeodetic measurements carried out by the phase sounding method. V. G. Zdanovich, V. P. Alekseev-Shemiakin. Izv. vys. ucheb. zav.; geod. i aerof. no. 2:13-24 '62.

Feasibility of combining the phase sounding and radio ling methods. K. A. Zykov. Izv. vys. ucheb. zav.; geod. i aerof. no. 2:51-56 '62.

RADIANT HEATING

(see also subdivision under Rumania)

Nonmetallic heating panels. Stroi. i arkhit. Len. 24 no. 2:36 F '62.

Temperature and humidity controls installed with radiant heating systems. L. Annikian, B. Shtokman. Zhil. stroi. no. 7:23-25 '62.

RADIATION

Absorption of long-wave radiation by bands of water vapor and CO_2 in the atmosphere in directions deviating from the vertical. L. I. Galibina, V. E. Zuev. Izv. vys. uch. zav., fiz. no. 4:69-74 '62.

Cherenkov radiation and transition radiation from electromagnetic waves [with summary in English] G. A. Askar'ian. Zhur. eksp. i teor. fiz. 42 no. 5: 1360-1364 My '62.

Solution of the radiation transport equation in the case when the scattering indicatrix greatly differs from the spherical form. Part 1. L. M. Romanova. Opt. i spektr. 13 no. 3:429-435 S '62.

Stationary electrochemical process in the irradiated system Pt |*sulfuric acid solution*| Au. G. Z. Gochaliev, TS. I. Zaikind, V. I. Veselovskii. Dokl. AN SSSR 146 no. 1:131-134 S '62.

RADIATION—PHYSIOLOGICAL EFFECT

Cherkasova, L. S., and others. [Ionizing radiation and metabolism] Ioniziruiushchee izluchenie i obmen veshchestv. Minsk, Izd-vo Akad. nauk BSSR, 1962. 172 p.

Histologic changes in the skin following homoplasty applied in the treatment of radiation burns in rabbits. L. B. Berlin, V. F. Zhupan. Dokl. AN SSSR 146 no. 1: 242-245 S '62.

Livanov, M. N. [Some problems of the action of ionizing radiation on the nervous system] Nekotorye problemy deistviia ioniziruiushchei radiatsii na nervnuiu sistemu. Moskva, Medgiz, 1962. 193 p.
(DNLM)

RADIATION PROTECTION—BIBLIOGRAPHY see Bibliography—Radiation protection

RADIATION SICKNESS

Action of ionizing radiations on the heart [with summary in English]. P. D. Gorizontov, B. B. Moroz. Kardiologiia 2 no. 4:3-9 Jl-Ag '62.

Dynamics of the change in the vascular system of Filatov's tubed pedicles in acute radiation injury (in an experiment). V. S. Dmitrieva. Stomatologiia 41 no. 1: 37-39 Jl-Ag '62.

Morphological characteristics of the course and healing of infected bone fractures in radiation sickness in animals treated with streptomycin. A. N. Antipina. Trudy Len. gos. nauch.-issl. inst. travm. i ortop. no. 8:197-201 '61.

RADIATION STERILIZATION

Application of γ-radiation for the preservation of soya sauces (from "Journal of Fermentation Technology," 39, no. 2, 1961). Ch. Tanbutt. Kons. i ov. prom. 17 no. 10:36-37 O '62.

Radiation sterilization of antibiotic preparations. Report No. 6. Radiation sterilization of antibiotic ointments and ointment bases. V. I. Pochapinskii. Med. prom. 16 no. 7 34-39 Jl '62.

RADIATORS

Aluminum radiators. G. S. Mil'man. Ved. i san. tekh. no. 7:28-29 Jl '62.

Radiators of water-proof concrete. G. Bevin. Na stroi. Ros. 3 no. 5 36 My '62.

Russia (1917- R. S. F. S. R.) Glavnoe upravlenie sanitarno-tekhnicheskogo montazha. [Steel radiators used in heating and ventilation systems, reference data (No. U-17)] Stal'nye kalorifery, primeniaemye v sistemakh otopleniia i ventiliatsii, spravochnye dannye (shifr U-17). Moskva, TSentr. biuro tekhn. informatsii, 1961. 58 p.

RADIATORS—EQUIPMENT AND SUPPLIES

Results of the competition for the best design of a three-speed controlling radiator cock. N. N. Repin, L. P. Shkabel'nikova, A. L. Rotin. Ved. i san. tekh. no. 7 1-5 Jl '62.

RADICALS (CHEMISTRY)

Acceptor-donor concepts applied to extraction. A. V. Nikolaev, N. M. Sinitsyn, S. M. Shubina. Ekstr., teor., prim., app. no. 2:63-70 '62.

Formation of free radicals in the reaction of hydrogen peroxide with cyclohexanone. P. T. Denisov. Dokl. AN SSSR 146 no. 2 391-397 S '62.

Pyridylthiazolylmethane series. Part 1: Synthesis and properties of 1-pyridyl-2'-thiazolyl carbinol. Formation of free radicals. V. G. Lukonina, M. N. Shchukina. Zhur. ob. khim. 32 no. 8:2664-2670 Ag '62.

Synthesis of dibutynary acetylenic γ-glycols containing cyclopropyl radicals [with summary in English]. I. A. Diakonov, S. Kh. Begidov. Vest. LGU 17 no. 16:158-159 '62.

RADIN, NIKOLAI MARIUSOVICH, 1872-1935

From the notebook of a playwright on Radin. Alekseĭ Faiko. Teatr 23 no. 9:143-152 S '62.

RADIO

(see also subdivision under Germany, East; Vietnam, North)

Burtland, V. A., and I. P. Zhorebtsov, comps. [A reader for radio amateurs] Khrestomatiia radiolubitelia. [Izd. 3., perer. i dop.] Moskva, Gosenergoizdat, 1962. 287 p. (Massovaia radiobiblioteka, no. 440)

Carrying capacity of two classes of information channels with random varying parameters. N. A. Zheleznov. Elektrosviaz' 16 no. 10:3-8 O '62.

The communication systems are operating faultlessly. Vest. aviaz. 22 no. 9:3 of *cover* S '62.

Concerning V. L. Rychik's article "Passage of FM oscillations through an aperiodic amplifier." A. Z. Khalkov. Elektrosviaz' 16 no. 8:72 Ag '62.

Determination of the mutual impedance of two antennas using known radiation patterns in a long-distance zone. O. G. Vendik. Radiotekhnika 17 no. 10:11-20 O '62.

Devices for determining integral and differential functions of the distribution of probabilities of stationary random processes. V. S. Gorbenko. Izv. vys. ucheb. zav., radiotekh. 5 no. 3 301-313 My-Je '62.

Effect of stroboscopic conversion of periodic signals on the signal to noise ratio. V. A. Vol. Radiotekhnika 17 no. 10:3-10 O '62.

Encourage the study of radio in schools. Radio no. 9: 3-4 S '62.

Evaluation of the maximum likelihood of normal signal parameters. P. A. Bakut. Izv. vys. ucheb. zav.; radiotekh. 5 no. 3,326-330 My-Je '62.

The first concert transmitted by radio. B. Ostroumov. Radio no. 9:9 S '62.

Kaplanov, M. P., and V. A. Levin. [Automatic frequency control] Avtomaticheskaia podstroika chastoty. Izd. 3., dop. Moskva, Gosenergoizdat, 1962. 319 p.

Operation of a frequency-type automatic frequency trim system in the presence of noise. V. I. Tikhonov. Elektrosviaz' 16 no. 9:3-13 S '62.

Redistribution of signal probabilities in information transmitting and processing systems. V. A. Geranin, IU. G. Zarenin, M. I. Kaznovskii. Izv. vys. ucheb. zav., radiotekh. 5 no. 3 339-346 My-Je '62.

RADIO—ANTENNAS

Sheiko, V. P. [Antennas for amateur radio transmitters] Antenny liubitel'skikh radiostantsii. Moskva, DOSAAF, 1962. 123 p.

Use of a television tower as a medium wave antenna. G. P. Morozov, A. Kh. Lindeberg. Vest. aviaz. 22 no. 9:5-7 S '62.

RADIO—BIBLIOGRAPHY see Bibliography—Radio

RADIO—CONGRESSES

All-Union scientific session dedicated to "Radio Day." Radiotekhnika 17 no. 10:71-78 O '62.

All-Union scientific session devoted to "Radio Day." L. G. Stoliarov. Radiotekhnika 17 no. 9:75-78 S '62.

RADIO — CONGRESSES (Continued)

All-Union scientific session dedicated to "Radio Day." Vest. sviazi 22 no. 9-31 S '62.

Scientific and technical conference in Odessa devoted to "Radio Day" M.E. Vainberg. Radiotekhnika 17 no. 9-78-80 S '62.

RADIO—EQUIPMENT AND SUPPLIES

Our consultations. Radio no. 9 61-62 S '62.

Our requirements of the Soviet industry. S. M IAkushev. Vest. sviazi 22 no 9:30 S '62

Through the pages of foreign periodicals. Radio no. 9: 55-57 S '62.

RADIO—RECEIVERS AND RECEPTION

The "Estonia-3" radio-phonograph combination. IU. Raudsepp. Radio no. 9:26 S '62.

A simple regenerative receiver. V. Dubrovskii, V. Styblik. Radio no. 9, 27-28 S '62.

RADIO—TRANSFORMERS

Breakdown of power transformers. G. Moiseenko. Radio no. 9:47 S '62.

Overhauling of horizontal sweep autotransformers. A. Savushkin. Radio no. 9:43 S '62.

RADIO—TRANSMITTERS AND TRANSMISSION

Pulse shaping during the keying of transmitters for better utilization of the spectrum M. S Gurevich Elektrosviaz' 16 no 8 21-31 Ag '62

RADIO, MILITARY

Her call signal was "Alba Regiia." M. Fortus. Radio no. 9:5-6 S '62.

Peresypkin, I. T. [Military radio communications] Voennaia radiosviaz'. Moskva, Voenizdat, 1962. 299 p.

RADIO, SHORTWAVE

Short and ultrashort radio waves. Radio no. 9 14-15 S '62.

RADIO, SHORTWAVE—RECEIVERS AND RECEPTION

A shortwave radio receiver. A. Fonarev. Radio no. 9: 16-19 S '62.

RADIO ASTRONOMY

Did people from space come to the earth? K. Gladkov. Nauka i tekh. no. 9, 14-18 S '62

Solar streams. E. Muslin. Znan.-sila 37 no 6:14-15 Je '62.

Some results of using radio astronomy techniques in the study of the solar eclipse of February 15, 1961 N. D Bulatov, V G. Serebrinkova. Radiotekhnika 17 no. 10 21-24 O '62.

RADIO BEACONS

Receiving the signals of sector radio beacons L. K. Kusheb Ryb. prom no. 51:4-6 '62

RADIO CLUBS
(see also subdivision under Tashkent)

A headquarters of the radio amateurs. K. Lutsenko. Radio no. 9:10-11 S '62.

Our disciples are doing outstanding work. D. Dambinskiiu. Radio no. 9, 13 S '62.

RADIO DETECTORS

Amplitude-phase detectors with power amplification. M. A. Rakov. Elektrosviaz' 16 no. 8:20-23 Ag '62.

Analytical study of the operation of a dynamic AM suppressor. B. I. Savitskii. Elektrosviaz' 16 no. 10 25-29 O '62.

Concerning V I Tikhonov and V T Gorisinov's article "Effect of normal noise on a limiter." V I Tikhonov, V T Gorisinov Elektrosviaz' 16 no 8 72 Ag '62

RADIO DIRECTION FINDERS

Optimum detection of a radar signal using several receiving channels. V. B. Fedorov. Radiotekhnika 17 no. 8:60-67 S '62.

RADIO FILTERS

Amplitude-phase detectors with power amplification. M. A. Rakov. Elektrosviaz' 16 no. 8, 20-23 Ag '62.

Analytical study of the operation of a dynamic AM suppressor. B. I. Savitskii. Elektrosviaz' 16 no. 10:25-29 O '62.

Concerning V I Tikhonov and V T Gorisinov's article "Effect of normal noise on a limiter." V I Tikhonov, V T. Gorisinov Elektrosviaz' 16 no 8 72 Ag '62.

Methodology for constructing tables for use in calculating the transfer characteristics of electrical filters. N. S. Kochanov. Elektrosviaz' 16 no. 9:53-58 S '62.

Pulse shaping during the keying of transmitters for better utilization of the spectrum M. S Gurevich. Elektrosviaz' 16 no. 8, 24-31 Ag '62

An SSB signal shaping filter. A. Kallaste, Kh. Kallas. Radio no. 9:20-21 S '62.

Transfer function of a frequency discriminator N. P. Volkov, P. I Popov. Avtom i telem, sbor st. no. 2: 39-42 '62.

RADIO IN AGRICULTURE

The agriculturalists will show their appreciation. B. Shilmovich. Radio no. 9:7-8 S '62.

RADIO LINES

Calculation of a homogeneous line with an arbitrary number of concentrated heterogeneities N I Bova, I N Kaplan, I B Laikhtman Izv. vys. ucheb. zav., radiotekh. 5 no 3 376-380 My-Je '62

Synthesis of nonhomogeneous lines using the solution of the inverse problem of Sturm-Liouville. O. N. Litvinenko, V. I. Soshnikov. Radiotekhnika 17 no. 8:15-23 S '62.

RADIO MEASUREMENTS

Comparison of fixed frequencies using an interpolation oscillator. A I Filatenberg. Radiotekhnika 17 no. 10 62-70 O '62

Gol'din, S M [Industrial electronics] Promyshlennaia elektronika Moskva, Gosenergoizdat, 1961. 275 p.

Korndorf, S. Z., and C. M. Tereshin. [Problems and exercises on radio measurements] Sbornik zadach i upraznenii po radiotekhnicheskim izmereniiam. Moskva, Gosenergoizdat, 1962. 159 p.

One-channel optimizer with a rough and precise search system M. Gisek Izv vys ucheb zav., radiotekh 5 no 3 105-106 My-Je '62

RADIO OPERATORS
(see also subdivision under Poland, Tashkent)

A headquarters of the radio amateurs. K. Lutsenko. Radio no. 9:10-11 S '62.

Her call signal was "Alba Regiia." M. Fortus. Radio no. 9:5-6 S '62.

Short and ultrashort radio waves. Radio no. 9:11-15 S '62.

Warmest greetings from our Chinese friends. Radio no. 9:12 S '62.

RADIO PLAYS

"Last horizon", a radio play based on G Vladimov's tale "Great arc." A. Lanshchikov Teatr 23 no 8 95-96 Ag '62

RADIO RELAY SYSTEMS

Analysis of the operation of a pulse selector as a source of transitional noise in radio relay communication systems with time-division multiplex of channels A I. Dzygalo. Izv. vys. ucheb. zav., radiotekh. 5 no. 3 402-404 My-Je '62

Band-type microwave reflectometer. M. V. Lomin, G. I. Rubinovich. Elektrosviaz' 16 no. 9:33-41 S '62.

RADIO STATIONS

Experience in the transition to business accounting L. P. Zhukov. Vest. sviazi 22 no. 9:27 S '62

RADIOACTIVATION ANALYSIS
(see also subdivision under United States)

Determining the isotopic composition of a mixture of beta-active gases by means of two communicating ionization chambers. A. D. Tarkin, IU. V. Sobakin. Atom. energ. 13 no. 3:274-276 S '62.

Experimental determination of radium, thorium, and potassium in rocks from an airplane by means of a NaI(Tl) crystal pickup. L. I. Boltneva and others. Atom. energ. 13 no. 3:280-282 S '62.

Specific activity of a gas in a flow-type ionization chamber. V. A. Bryzgunov. Atom. energ. 13 no. 3 276-277 S '62.

RADIOACTIVATION ANALYSIS—CONGRESSES

International symposium on the use of ultrapure materials. D. Schulze, L. Wukel. Atom. energ. 13 no. 4, 393-394 O '62.

RADIOACTIVE FALLOUT

Methods for measuring the contamination of the air by radioactive aerosols. IU V. Sivintsev, N. N. Khvostov. Pred. dop. kontsent. atmosf. zagr. no. 6 165-186 '62.

On the trace of a radioactive cloud. IU. Lebedeva. Voen. znan. 38 no. 9:34-35 S '62.

Radioactive fallout in precipitation (snow). IU. V. Novikov, V. A. Liperovskii, A. A. Polynkova. Atom energ. 13 no. 4:385-387 O '62.

RADIOACTIVE PROSPECTING

Approximative solution of a problem in the theory of neutron logging. I. A. Kozachok. Geofiz. sbor. no. 3: 86-95 '62.

Demin, V. M. [Radiometric methods of searching for uranium ores; land survey] Radiometricheskie metody poiskov uranovykh rud; peshekhodnaia s"emka. [Rostov-na-Donu] Izd-vo Rostovskogo univ., 1962. 105 p.

Using radiometric methods to solve some geological problems. D. A. Berezin. Geofiz. razved. no. 9:80-90 '62.

RADIOACTIVE PROSPECTING—EQUIPMENT AND SUPPLIES

Vsesoiuznyi seminar po primeneniiu radioaktivnykh izotopov v izuchitel'noi tekhnike, L'vov, 1960. [Instruments for geophysical studies of wells by radioactive methods; transactions] Pribory dlia geofizicheskikh issledovanii skvazhin radioaktivnymi metodami; trudy. Kiev, Izd-vo Akad. nauk USSR, 1962. 190 p.

RADIOACTIVE PROSPECTING—MODELS

Guberman, Sh. A. [Theory of similitude and the radiometry of wells] Teoriia podobiia radiometriia skvazhin. Moskva, Gostoptekhizdat, 1962. 106 p.

RADIOACTIVE SUBSTANCES

Brezhneva, N. E., ed. [Methods for obtaining radioactive preparations] Metody polucheniia radioaktivnykh preparatov; sbornik statei. Moskva, Gosatomizdat, 1962. 170 p.

RADIOACTIVE TRACERS

Karzinkin, G. S. [Use of radioactive isotopes in fisheries] Ispol'zovanie radioaktivnykh izotopov v rybnom khoziaistve. Moskva, Pishchepromizdat, 1962. 60 p.

Measuring the diffusion coefficient in strontium chloride solutions by means of tagged atoms [with summary in English]. M. S. Zakharievskii, Li Sun-gi [Li Sung-gi]. Vest. LGU 17 no. 16 131-134 '62.

Use of potassium compounds as radioactive indicators in the investigation of glass manufacturing processes. V. A. Dubrovskii, T. S. Dubrovskaia, O. F. Shkarbinskii. Stek. i ker. 19 no. 9, 11-14 S '62.

RADIOACTIVE WASTE DISPOSAL

Danger of radioactive contamination of the seas. O. Ikhlestov. Mezhdunar. zhizn' 9 no. 10, 96-99 O '62

RADIOACTIVITY

Natural radioactivity of copper ores from deposits of the Lower Silurian Basin (from "Nucleonika," no. 2, 1959). Atom energ 13 no 4 398-400 O '62.

RADIOACTIVITY—BIBLIOGRAPHY see Bibliography—Radioactivity

RADIOACTIVITY—SAFETY MEASURES

Automatic device for signaling the presence of radioactive radiation. B. Vasilenko. Radio no. 9:11 S '62.

On the trace of a radioactive cloud. IU. Lebedeva. Voen. znan. 38 no. 9:34-35 S '62.

RADIOBIOLOGY

[Contribution of radiology to the development of the medical and biological disciplines] Vklad radiologii v razvitie mediko-biologicheskikh distsiplin. [By] R. V. Petrov i dr. Minsk, Izd-vo M-va vysshego, srednego spetsial'nogo i professional'nogo obrazovaniia BSSR, 1962. 145 p.
(DNLM)

Problems of radiobiology. Priroda 51 no. 8:117-118 Ag '62

RADIOBIOLOGY—RESEARCH

Present state and future development of research on radiobiology. Vest. AN SSSR 32 no. 9:121 S '62.

RADIOCHEMISTRY

Akademiia nauk SSSR, Institut neftekhimicheskogo sinteza. [Radiolysis of hydrocarbons, some physicochemical problems] Radioliz uglevodorodov; nekotorye fiziko-khimicheskie problemy. Moskva, Izd-vo Akad. nauk SSSR, 1962. 207 p.

RADIODIAGNOSIS see Diagnosis, Radioscopic

RADIOISOTOPES

Nesmelanov, A. N. [Radioactive isotopes in nature] Radioaktivnye izotopy v prirode. Moskva, Izd-vo "Znanie," 1962. 36 p. (Novoe v zhizni, nauke, tekhnike IX Seriia: Fizika i khimiia, no. 16)

Optical orientation of rubidium isotopes. F. B. Aleksandrov. Opt. i spektr. 13 no. 3:453-454 S '62.

RADIOISOTOPES—ANALYSIS

Concentration of radioactive elements in the form and surface layers of aqueous solutions. V. F. Zhevzheva. Gig. i san. 26 no. 12:42-46 D '61.

RADIOISOTOPES—INDUSTRIAL APPLICATIONS

Apply radioactive isotopes in industry. S. Bukharbaev. Nat. khoz. Kazakh. 20 no. 8:47-50 Ag '62.

Isotopes in a forge shop. V. Evgen'ev. Izobr. i rats. no. 10:7-9 O '62.

Use of radioactive isotopes for the determination of the shaft horsepower of a ship power plant. V. F. Bol'shakov. Inform. sbor. TSNIIMF no. 60, Tekh. ekspl. mor. flota no. 11:50-55 '61.

Use of radioactive isotopes for investigating the wear process of coal pulverizer balls. A. IA. Shpakovich. Teploenergetika 9 no. 10:10-13 O '62.

RADIOLARIA, FOSSIL see subdivision under West Siberian Plain

RADIOLOGY, MEDICAL

[Contribution of radiology to the development of the medical and biological disciplines] Vklad radiologii v razvitie mediko-biologicheskikh distsiplin. [By] R. V. Petrov i dr. Minsk, Izd-vo M-va vysshego, srednego spetsial'nogo i professional'nogo obrazovaniia BSSR, 1962. 145 p.
(DNLM)

RADIOTHERAPY

Arthropathies caused by X-ray therapy and radiotherapy. J. Kolář, R. Vrabec. Orthop., travm. i protez. 23 no. 6:33-36 Je '62.

Attempts at the radiosensitization of transplanted tumors using some pyrimidine derivatives [with summary in English] B. I. Pol'kina, M. N. Bychenkova, L. I. Zalesskaia. Trudy inst. onk. AMN SSSR no. 4:102-107 '62.

RADIOTHERAPY (Continued)

Baimukhanov, S B [Vascular reactions in radiotherapy] Sosudistye reaktsii pri luchevoi terapii Alma-Ata, Izdvo Akad. nauk Kazakhskoi SSR, 1962 227 p (DNLM)

Changes in the activity of blood thrombokinase in malignant neoplasms under the influence of radiotherapy [with summary in English] E.N. Markholenko. Vop.onk. 8 no 8:25-29 '62.

Effectiveness of radiotherapy by various methods of cancer of the upper segments of the esophagus [with summary in English] L M. Gol'dshtein, M N. Bychenkova, L I. Zaleskaia. Trudy Inst onk AMN SSSR no. 4 27-38 '62

Problem of the drug radiosensitization of tumors [with summary in English] N. V. Lazarev Trudy Inst onk. AMN SSSR no 4 94-102 '62.

RADIOTHERAPY—HYGIENIC ASPECTS

Some hygienic problems in planning radiotherapy departments [with summary in English], N.I. Zol'nikova and others. Gig.i san. 26 no.12 18-22 D '61.

RADISHCHEV, ALEKSANDR NIKOLAEVICH, 1749-1802

Revolutionary, philosopher, humanist L. Filippov. Nauka i rel. no. 8 92-95 S '62.

RADISHES

Nikonova, N.A. [Radish] Redis. Moskva, Sel'khozgiz, 1961, 71 p. (DNAL)

RADON

Gamma-ray monitoring of inhaled radon L. S. Ruzer. Atom. energ 13 no. 4 384-385 O '62.

RAFTS

Sotoveichik, M.M. [Building sectional rafts with a sectional log framework and a border cable around the raft] Formirovanie sektsionnykh plotov v oplotnike s hortovymi lezhniami. Moskva, Goslesbumizdat, 1956. 22 p.

RAYCHIKHINSK BASIN—COAL MINES AND MINING—LABOR PRODUCTIVITY

Miners of the Dalvostugol' Combine struggle to carry out the resolutions of the 22d Congress of the CPSU. IU. F. Bakhshaliev, A. M. Snesar'. Ugol' 37 no. 8 14-17 Ag '62.

RAILROAD BRIDGES

Characteristics of the design of railroad bridges for new temporary vertical loading. B.I. Kazinitskaia. Trudy TSNIIS no.46:119-167 '62.

New norms for accounting for the action of live loads on railroad bridges. I.I. Kazei, B.F. Lesokhin. Trudy TSNIIS no.46,31-54 '62.

Work of railroad bridges under brake loading. V.P. Pol'evko. Trudy TSNIIS no.46:5-30 '62.

RAILROAD EMPLOYEES—EDUCATION AND TRAINING

Concerning the training of engineers. M.E. Gritsevskii. Avtom.,telem. i sviaz' 6 no 9:18-20 S '62

RAILROAD ENGINEERING

Determining the depth of beds of frozen ground by electric probing. I.P. Nesterenko. Transp.stroi. 12 no 8 27-29 Ag '62.

Engineering geophysics in investigations. V P. Poller, IU.G. Ivanov. Transp.stroi. 12 no. 8:32-34 Ag '62.

RAILROAD ENGINEERING—STUDY AND TEACHING
(see also subdivision under Gomel')

Concerning the training of engineers. M E. Gritsevskii. Avtom.,telem. i sviaz' 6 no. 9:18-20 S '62.

RAILROAD MOTORCARS

Economic efficiency of using rail motorcars on light traffic lines. A.N. Efanov. Zhel.dor.transp. 44 no.9:93-94 S '62.

RAILROAD RESEARCH
(see also subdivision under Hungary)

In the departments and laboratories of the All-Union Scientific Research Institute of Railroad Transportation. Vest.TSNII MPS 21 no.6:62-63 '62.

RAILROADS
(see also subdivision under Hungary)

Develope cooperation between the builders and operating personnel. Avtom.,telem. i sviaz' 6 no. 9:1-2 S '62.

From the editor's mail. Zhel.dor.transp. 44 no.9: 96 S '62.

Railroad transportation of the U.S.S.R. during the first half of 1962; technical and economic review. Zhel.dor. transp. 44 no.9:73-77 S '62.

This can be useful in a lesson. Geog.v shkole 25 no.5: 48 S-O '62.

RAILROADS—ABSTRACTS

[Railroad transportation] Ref. zhur.: Zhel. dor. transp. no.10 O '62.

RAILROADS—BIBLIOGRAPHY see Bibliography—Railroads

RAILROADS—BRAKES

Russia (1923- U.S.S.R.) Glavnoe upravlenie vagonnogo khoziaistva [Technical instructions on the operation, maintenance and repair of electric brakes for passenger trains with locomotive traction. These instructions complement the TsV-2039, 1885 and TsT-2032 instructions in force for automatic brakes] Tekhnicheskie ukazaniia po ekspluatatsii i remontu elektropnevmaticheskikh tormozov v passazhirskikh poezdakh s lokomotivnoi tiagoi. Nastoiashchie ukazaniia dopolniaiut deistvuiushchie instruktsii po avtotormozam TsV-2039, 1885 i TsT-2032. Moskva, Transzheldorizdat, 1962. 58 p

RAILROADS—CARS

Blinova, Z.A., L.E. Vinnitskii, and G.M. Derkasov. [Shock absorbers with rubber parts for railroad rolling stock] Amortizatory s rezinovymi detaliami dlia podvizhnogo sostava Moskva, Transzheldorizdat, 1962. 22 p.

RAILROADS—CARS—MAINTENANCE AND REPAIR

A "beacon light." Mikola Zaloski. Belarus' 10 no.8: 13-14 Ag '62.

Mechanizing the repairing of railroad cars. M.D. Meshcherskii, F.B. Rozinskii. Mekh. i avtom. proizv. 16 no 8:17-18 Ag '62.

RAILROADS—COMMUNICATION SYSTEMS
(see also subdivision under Caucasus, Northern; Hungary)

Concerning the transmission levels in frequency telegraphy channels. V.I. Kurgapkin Avtom.,telem. i sviaz' 6 no. 9:34-35 S '62.

Inductive method for monitoring a call. S.I. Afanas'ev. Avtom.,telem. i sviaz' 6 no. 9:37 S '62.

The ZhR-3M transmitter-receiver. A.A. Tantsiura, G.M. Umanskii. Avtom.,telem. i sviaz' 6 no 9:13-14 S '62.

Zotov, K.G. and M.M. Kirilov. [Signaling and telecommunication devices and their use] Ustroistva STsB i sviazi i ikh ispol'zovanie. Izd.2., perer. i dop. Moskva, Transzheldorizdat, 1962. 283 p.

RAILROADS—COMMUTING TRAFFIC

Important problems of the improvement of passenger suburban and local transportation. A.P. Polnektov, V.A. Persianov. Zhel.dor.transp. 44 no.9:63-66 S '62.

RAILROADS—CONSTRUCTION
(see also subdivision under Siberia; Soviet Central Asia)

From the pages of foreign magazines (from "Railway Track and Structures," 9, 1961) Transp.stroi. 12 no. 8 58 Ag '62.

Steadily raise the technical level of building the superstructure. I.F. Nasedkin, B.I. TSvelodub, N.A. Brukva. Transp.stroi. 12 no 8:10-12 Ag '62.

RAILROADS—EARTHWORK see subdivision under Soviet Central Asia

RAILROADS—ELECTRIC EQUIPMENT

Network for monitoring the passage of a train. V.I. Ukhanov. Avtom.,telem. i sviaz' 6 no. 9:39-40 S '62

Petrov, A.P., ed. [Use of electronic digital computers in compiling train sheets] Sostavlenie grafika dvizheniia poezdov na elektronnykh tsifrovykh vychislitel'nykh mashinakh. Moskva, Transzheldorizdat, 1962. 199 p. (Kibernetika na transporte)

Technical consultations. Avtom.,telem. i sviaz' 6 no. 9: 46-47 S '62.

Zotov, K.G. and M.M. Kirilov. [Signaling and telecommunication devices and their use] Ustroistva STsB i sviazi i ikh ispol'zovanie. Izd. 2., perer. i dop. Moskva, Transzheldorizdat, 1962. 283 p.

RAILROADS—ELECTRIFICATION
(see also subdivision under Hungary)

Ivanov, I.I. [General plan for the electrification of railroads] General'nyi plan elektrifikatsii zheleznykh dorog. Moskva, Transzheldorizdat, 1962. 85 p.

RAILROADS—ELECTRONIC EQUIPMENT
(see also subdivision under Caucasus, Northern)

The ZhR-3M transmitter-receiver. A.A. Tantsiura, G.M. Umanskii. Avtom.,telem. i sviaz'6 no. 9:13-14 S '62.

RAILROADS—ELECTRONIC EQUIPMENT—BIBLIOGRAPHY see Bibliography—Railroads—Electronic equipment

RAILROADS—EMPLOYEES

Awards made to transportation innovators. Avtom.,telem. i sviaz' 6 no. 9:4 S '62.

Efficient work of volunteer design workers. A.F. Ermolenko. Avtom.,telem. i sviaz' 6 no. 9:31-32 S '62.

In the sector of electrician Arvid Shins. G.P. Fal'ko. Avtom.,telem. i sviaz' 6 no. 9:30-31 S '62.

To work harder today means to enjoy greater benefits tomorrow. Avtom.,telem. i sviaz' 6 no. 9:3-4 S '62.

RAILROADS—EMPLOYEES—EDUCATION AND TRAINING see subdivision under Hungary

RAILROADS—EQUIPMENT AND SUPPLIES

Nauchno-tekhnicheskoe obshchestvo zheleznodorozhnogo transporta. [Use of plastics and synthetic materials in railroad transportation] Primenenie plasticheskikh mass i sinteticheskikh materialov na zheleznodorozhnom transporte; sbornik po obmenu opytom. Moskva, Transzheldorizdat, 1962 102 p.

RAILROADS—FINANCE

TSupov, B.P. [Working capital of railways] Oborotnye sredstva zheleznykh dorog. Moskva, Transzheldorizdat, 1962. 37 p. (V pomoshch' izuchaiushchim ekonomiku zheleznodorozhnogo transporta)

RAILROADS—FREIGHT
(see also subdivision under Azerbaijan)

By railroads to foreign lands IU Sturin Vneshn torg 42 no 8 22-23 '62

Organization of the transport of local freight on sections with lengthened haul distances. O.S. Kirlianova, A.A. Chernysh, G.S. Manukov. Zhel.dor.transp. 11 no.9: 77-81 S '62.

RAILROADS—FREIGHT CARS
(see also subdivision under Lugansk)

Sergeichuk, M.M. [Operation, maintenance and repair of shields for grain cars] Ekspluatatsiia i remont khlebnykh shchitov. Moskva, Transzheldorizdat, 1962. 22 p.

Ways of improving the preparation of cars for grain transportation. Z.M. Mlasnikov, V.N. Korotkov. Zhel. dor.transp. 44 no.9:87-89 S '62.

RAILROADS—FUEL

[Fuel oil and lubricating materials in railroad transportation] Neftianoe toplivo i smazochnye materialy na zheleznodorozhnom transporte; spravochnik. (By) N.M. Voronov i dr. Moskva, Transzheldorizdat, 1962. 322 p.

Savings in diesel fuel is an important task of the national economy. Zhel.dor.transp. 44 no.9:52-55 S '62.

RAILROADS—HANDBOOKS, MANUALS, ETC.

[Calendar-handbook of the railroadman, 1962-1963] Kalendar'-spravochnik zheleznodorozhnika, 1962-1963. [Moskva] Transzheldorizdat [1962] 350 p.
[MICROFILM]

RAILROADS—LUBRICATION

[Fuel oil and lubricating materials in railroad transportation] Neftianoe toplivo i smazochnye materialy na zheleznodorozhnom transporte; spravochnik. (By) N.M. Voronov i dr. Moskva, Transzheldorizdat, 1962. 322 p.

RAILROADS—MANAGEMENT
(see also subdivision under Hungary)

Complex technology of the operations of contiguous stations and adjoining sections. A.A. Kandil'ian. Zhel. dor.transp. 44 no.9:82-86 S '62.

Efficiency of servicing combination trains with diesel and electric locomotives. V.M. Timoshkov. Vest. TSNII MPS 21 no.6 24-28 '62.

New technology of operating stations and approach tracks. N.G. Panaetov. Zhel.dor.transp. 44 no.9: 90-92 S '62.

Organization of the transport of local freight on sections with lengthened haul distances. O.S. Kirlianova, A.A. Chernyh, G.S. Manukov. Zhel.dor.transp. 44 no.9. 77-81 S '62.

Potentials in the utilization of electric and diesel traction. S.P. Konovalov. Zhel.dor.transp. 44 no.9:55-56 S '62.

Reorganization of the material and equipment procurement of a railroad line. P.I. Lishik. Zhel.dor.transp. 44 no.9:67-69 S '62.

RAILROADS—PASSENGER CARS

Use of plastics in the construction of passenger cars. A.V. Ovchinnikov. Zhel.dor.transp. 44 no.9:94-95 S '62.

RAILROADS—RAILS

Effect of the local plastic deformation on the changes in the characteristics of steel for rails. R.A. Omberg. Vest. TSNII MPS 21 no.6:37-40 '62.

Full hardening in oil of a commercial batch of rails IU. V. Grdina and others. Izv. vys. uchob zav., chern met. 5 no.8:111-116 '62.

RAILROADS—RAILS—DEFECTS

Ultrasonic testing method for studying the structural nonuniformity of rails. G.V. Zarochentsev. Vest. TSNII MPS 21 no.6:33-36 '62.

RAILROADS—RAILS—LUBRICATION

Melent'ev, L.P. [Rail lubrication on curved track sections] Smazyvanie rel'sov na krivykh uchastkakh puti. Moskva, Transzheldorizdat, 1962. 35 p. (Bibliotechka putейtsa)

RAILROADS—REPAIR SHOPS see subdivision under Hungary; Moscow

RAILROADS—ROLLING STOCK see subdivision under Hungary

RAILROADS—ROUNDHOUSES

Conversion of steam locomotive depots into depots for diesel locomotives. S. Harmati. Zhel. dor. transp. 44 no. 9:21-23 S '62.

RAILROADS—SAFETY REGULATIONS

Undivided attention should be paid to safety engineering regulations. N. P. Ippolitov. Avtom., telem. i sviaz' 6 no. 9:5-6 S '62.

RAILROADS—SIGNALING

(see also subdivision under Caucasus, Northern; Hungary; Russia, Northern; Transbaikalia)

How we have built the foundations of small-sized signal lights. B. V. Kalashnikov. Avtom., telem. i sviaz' 6 no. 9:44 S '62.

Technical consultations. Avtom., telem. i sviaz' 6 no. 9:46-17 S '62.

Zotov, K. G. and M. M. Kirilov. [Signaling and telecommunication devices and their use] Ustroistva STsB i sviazi i ikh ispol'zovanie. Izd. 2., perer. i dop. Moskva, Transzheldorizdat, 1962. 283 p.

RAILROADS—SIGNALING—BIBLIOGRAPHY see Bibliography—Railroads—Signaling

RAILROADS—SIGNALING—INTERLOCKING SYSTEMS

Determination of faults in electrical relay-type interlocking devices. A. I. Kruglov. Avtom., telem. i sviaz' 6 no. 9:33 S '62.

In the sector of electrician Arvid Shins. G. P. Fal'ko. Avtom., telem. i sviaz' 6 no. 9:30-31 S '62.

Network for monitoring the passage of a train. V. I. Ukhanov. Avtom., telem. i sviaz' 6 no. 9:39-40 S '62.

RAILROADS—STATION SERVICE

Traffic capacity of passenger facilities. V. A. Fedorov. Vest. TSNII MPS 21 no. 6, 18-40 '62.

RAILROADS—STATIONS see subdivision under Poland

RAILROADS—SURVEYING

Surveying diameters with a theodolite without a range finder. A. I. Korchinskii, L. A. Kozlenko, S. I. Terasevich. Transp. stroi. 12 no. 8:53 Ag '62.

RAILROADS—SWITCHES

New developments in laying switches. A. T. Chizhov, A. R. Kostiukovich. Transp. stroi. 12 no. 8:14-16 Ag '62.

RAILROADS—TERMINOLOGY

Akademiia nauk Kazakhskoi SSR, Alma-Ata. Institut iazykoznaniia. [Russian-Kazakh dictionary] Russko-kazakhskii terminologicheskii slovar'. Alma-Ata, Izd-vo Akad. nauk Kazakhskoi SSR.

Vol. 10. Khasenov, S., E. Zhanpeisov, and K. Yrysmambetov. [Terms used in railroad transportation] Terminy zheleznodorozhnogo transporta. Pod obshchei red. A. Abdrakhmanova. 1962. 160 p.

Vol. 11. Ramazanov, E. [Botany and soil science] Botanika i pochvovedenie. 1962. 468 p.

RAILROADS—TIES, CONCRETE see subdivision under Hungary

RAILROADS—TRACK

(see also subdivision under Hungary)

Amelin, S. V., L. M. Danovskii, and V. N. Konstantinov. [Tracks and track design, operation and maintenance] Put' i putevoe khoziaistvo. Pod red. S. V. Amelina. Moskva, Transzheldorizdat, 1962. 185 p.

Investigating the process of soil heaving. L. T. Abramov, N. D. Kocherova. Vest. TSNII MPS 21 no. 6:28-30 '62.

The ShPM-02 crosstie tamping machine. Z. S. Varshavskii, V. G. Okhapkin. Biul. tekh.-ekon. inform. Gos. nauch.-issl. inst. nauch. i tekh. inform. no. 9:71-73 '62.

RAILROADS—TRAFFIC

Calculating the traffic capacity of railroads. A. I. Karnovskii. Vest. TSNII MPS 21 no. 6:50-51 '62.

Tikhomirov, I. G., and others. [Traffic organization in railroad transportation] Organizatsiia dvizheniia na zheleznodorozhnom transporte; konspekt lektsii. Pod obshchei red. I. G. Tikhomirova. Minsk, Izd-vo M-va vysshego, srednego spetsial'nogo i professional'nogo obrazovaniia BSSR, 1961. 340 p.

RAILROADS—TRAIN DISPATCHING

Petrov, A. P., ed. [Use of electronic digital computers in compiling train sheets] Sostavlenie grafika dvizheniia poezdov na elektronnykh tsifrovykh vychislitel'nykh mashinakh. Moskva, Transzheldorizdat, 1962. 199 p. (Kibernetika na transporte)

RAILROADS, CABLE—LUBRICATION

Device for lubricating the supporting cable of suspended cable railroad. P. I. Shevchenko. Mashinostroenie no. 4:115 Jl-Ag '62.

RAILROADS, INDUSTRIAL

(see also subdivision under Volgograd Province)

New technology of operating stations and approach tracks. N. G. Panaetov. Zhel. dor. transp. 44 no. 9:90-92 S '62.

RAIN AND RAINFALL

Establishing norms for periods when the rate of estimated rainfall is exceeded on isolated occasions. M. I. Atlas. Vod. i san. tekh. no. 7:21-23 Jl '62.

RAIN FORESTS see subdivision under Indonesia

RAKHMATULLIN, ZIKRULLA KHAIRULLINOVICH, 1901-

Zikrulla Khairullinovich Rakhmatullin; on the 60th anniversary of his birth and the 35th anniversary of his scientific pedagogic and public activity. M. N. Khaitov, A. T. Tillaev. Arkh. anat., gist. i embr. 13 no. 7:128 Jl '62.

RAKITNOYE DISTRICT (KIEV PROVINCE)—TRADE UNIONS

There will be no report. A. Plastinin. Sov. profsoiuzy 18 no. 18:28 S '62.

RAKVERE—THEATER

In Rakvere. E. Treier. Teatr. 23 no. 8:158 Ag '62.

RAMAN EFFECT

Calculation and interpretation of vibrational spectra of naphthenes. Part 5. Intensities and depolarizations in Raman spectra of cyclopentane and deuterocyclopentane. N. I. Prokof'eva, L. M. Sverdlov. Opt. i spektr. 13 no. 3:324-330 S '62.

Dependence of the line intensity of Raman spectra on the frequency of the exciting light. M. IA. TSenter, IA. S. Bobovich. Dokl. AN SSSR 146 no. 2:333-336 S '62.

Raman spectrum of barium orthotitanate. IA. S. Bobovich. Opt. i spektr. 13 no. 3:459-460 S '62.

RANDOM PROCESSES

Chaikovskii, V. I., ed. [Determination of the parameters of random processes. Translated from the English] Opredelenie parametrov sluchainykh protsessov; sbornik statei. Kiev, Gostekhizdat USSR, 1962. 167 p.

RAPANUI LANGUAGE—DICTIONARIES—SPANISH

"Dictionary and grammar of the language of the Easter Island, Rapanui-Spanish, Spanish-Rapanui" [in English and Spanish] by Jordi Fuentes. Reviewed by I. Fedorova. Sov. etn. no. 4 221-223 Jl-Ag '62.

RAPOPORT, IAKOV DAVYDOVICH, 1898-1962

IAkov Davydovich Rapoport. Gidr. stroi. 32 no. 8:62 Ag '62.

RARE BOOKS—BIBLIOGRAPHY see Bibliography—Rare books

RARE EARTH CHLORIDES

Characteristics of the evaporation of rare earth chlorides in the systems KCl - LnCl3 (La, Ce, Pr, Nd) [with summary in English]. G. I. Novikov, A. K. Bnev. Vest. LGU 17 no. 16:80-87 '62.

RARE EARTH METALS

Trihydroxyglutaric acid and its salts as a buffer in separating lanthanides by means of ion exchange chromatography [with summary in English]. Z. I. Andreeva, V. N. Nikonov. Izv. TSKHA no. 3 198-205 '62.

RARE EARTH METALS—METALLURGY

Komissarova, L. N., and V. E. Pilushchev, eds. [Metallurgy of rare earth metals] Metallurgiia redkozemel'nykh metallov; sbornik statei. Moskva, Izd-vo inostr. lit-ry, 1962. 199 p.

RARE EARTH OXALATES

Thermal decomposition of yttrium, scandium, and lanthanum oxalates. IA. S. Savitskaia and others. Zhur. neorg. khim. 7 no. 9:2029-2033 S '62.

RARE EARTHS

"Economic studies of rare earths" by B. I. Kogan. Reviewed by A. I. Ginzburg, L. E. Egel'. Vest. AN SSSR 32 no. 8:152-153 S '62.

Regularities in the extraction distribution of rare earth elements in neutral solutions. G. V. Korpusov and others. Ekstr., teor., prin., app. no. 2:117-140 '62.

Separation of thorium from rare earths by tributyl phosphate extraction. G. E. Kaplan and others. Ekstr.; teor., prim., app. no. 2:154-159 '62.

Use of a complexon in the extraction process for obtaining rare earth erbium-lutetium concentrates. V. F. Eskevich, P. M. Seredenko. Ekstr.; teor., prim., app. no. 2:112-116 '62.

RASPBERRIES

Yield of forest raspberries. V. I. Dolgoshov. Priroda 51 no. 8:127-128 Ag '62.

RATIONALISM

Rationalism of the 17th century and Spinoza's theory of knowledge. V. V. Sokolov. Vest. Mosk. un. Ser. 8, Ekon., filos. 17 no. 5:64-74 S-O '62.

RAUWOLFIA

Effect of Rauwolfia alkaloids on the kidneys in hypertension [with summary in English]. P. I. Mishchenko. Kardiologiia 2 no. 4:80-82 Jl-Ag '62.

RAW MATERIALS—STANDARDS

New technical norms for the consumption of raw materials and fuel for the production of cast iron and steel. V. I. Volobuev and others. Met. i gornorud. prom. no. 3:63-68 My-Je '62.

RAYON SPINNING—EQUIPMENT AND SUPPLIES

The PIS-250-17 centrifuge spinning machine for viscose silk. G. M. Gutman. Biul. tekh.-ekon. inform. Gos. nauch.-issl. inst. nauch. i tekh. inform. no. 9:50-52 '6

RAZDAN DISTRICT—LAMBS—DISEASES AND PESTS

Low survival rate of newborn lambs under conditions o A and F hypovitaminosis in ewes [in Armenian with summary in Russian]. V. A. Vonkerchian. Izv. Otd. sel'khoz. nauki Arm. SSR 5 no. 6:83-88 '62.

RAZVUMCHORR—APATITE

White caps on Razvumchorr. Znan.-sila 37 no. 5:26-2 My '62.

READING (ELEMENTARY)

"How to teach children to read and write" by M. TS. Marchenko. Reviewed by E. Kilmann. Nat. nav. no. 6 88-90 Je '62.

REALISM IN LITERATURE

Ivan Franko on realism. P. P. Ponomarev. Rod. lit. 6 no. 5 86-94 S-O '62.

Unity of portrayal and exposition in the realistic image. R. O. Kornabanov. Rod. lit. 6 no. 5 30-40 S-O '62.

REARRANGEMENTS (CHEMISTRY)

New types of the Arbuzov rearrangement. Part 17. Refractions of bonds and the atomic refractions of phosphorus and its pentavalent compounds. V. A. Kukhtin, K. M. Kirillova. Zhur. ob. khim. 32 no. 9, 2797-2800 S '62.

REASONING (PSYCHOLOGY)

Materials on the psychology of deductive reasonings. M. S. Epstein. Izv. APN no. 120:131-167 '62.

RECKLINGHAUSEN'S DISEASE OF BONE see Osteitis fibrosa

RECLAMATION OF LAND see subdivision under Golodnaya Steppe, Khakasovsk Territory; Murgab Oasis, Soviet Central Asia; Volga-Akhtuba Flood Plain

RECTUM—CANCER

Characteristics of the surgical treatment of cancer of the rectum in men [with summary in English]. A. I. Rakov. Trudy Inst. onk. AMN SSSR no. 4, 3-13 '62.

Pneumographic examination of the pararectal cellular tissue (pararectopneumography) in cancer of the rectu I. F. Bratslavskii. Klin. med. 40 no. 6:60-71 Je '62.

Present-day possibilities for the diagnosis and treatmen of cancer of the rectum and distal segment of the sigmoid. S. A. Kholdin. Klin. med. 40 no. 6:16-20 Je '62.

Prolonged cure of adenocarcinoma of the rectum attaine by telegamma irradiation [with summary in English]. L. E. Pakusina. Vop. onk. 8 no. 8:78-80 '62.

RECTUM—RADIOGRAPHY

Pneumographic examination of the pararectal cellular tissue (pararectopneumography) in cancer of the rectu I. F. Bratslavskii. Klin. med. 40 no. 6:60-71 Je '62.

RED CLOVER

Method of calculating the time and duration of the flowering and seed-maturing period of red clover in the Ima pean R. S. F. S. R. E. K. Mamchenko. Trudy TSH' no. 20 53-77 '62.

RED CROSS

Red Cross. Soiuz obshchestv Krasnogo kresta i Krasnogo polumesiatsa SSSR. Ispolnitel'nyi komitet. [Tex book for the training of sanitary nurses] Uchebnik dlia podgotovki sanitarnykh druzhinnits. Izd. 5., stereotipnoe. Moskva, Medgiz, 1962. 273 p. (DNLM)

REDUCTION, CHEMICAL

Mechanism and products of reduction of tantalum and niobium pentabromides. S. S. Berdonosov, A. V. Tapits kii, I. G. Vlasov. Zhur. neorg. khim. 7 no. 9:2173-2180 S '62.

REDUCTION, ELECTROLYTIC

Electrochemical reduction of nitriles. A. P. Tomilov, L. V. Knabak, S. L. Varshavskii. Khim. prom. no. 8: 562-566 Ag '62.

REED, JOHN, 1887-1920—BIBLIOGRAPHY see Bibliography—Reed, John, 1887-1920

REED PRODUCTS see subdivision under Kazakhstan

REEFS see subdivision under Emba region

REFLECTOMETER

Measuring the reflecting capacity of surfaces of a light model in the presence of an absorbing medium. V. V. Ronzhin. Izv. vys. ucheb. zav. prib. 5 no. 5:127-133 '62.

REFLEXES

Electronic device for the determination of the rate of reflex reactions simultaneously in several subjects. A. F. Aksiuk, S. A. Poltorak, A. P. Levko. Gig. i san. 26 no. 12:47-50 D '61.

REFORESTATION see subdivision under Mytishchi region

REFORMATSKII, ALEKSANDR ALEKSANDROVICH, 1902-

A. A. Reformatskii's sixtieth birthday N. U Turkbenbaev, Izv. AN Kazakh. SSR. Ser., filol. i fisk. no. 2 91 '62

REFRACTION

Determining the refraction index of air in range finding by means of geodimeters and tellurometers, M. B. Ratynskii. Izv. vys. ucheb. zav., geod. i aerof. no. 2: 77-82 '62.

REFRACTOMETER

Use of the refractometric method for determining fat content of gingerbread and semiprocessed products for pastry and cake manufacture. O. V. Mil'tskyi, Kh. IA. Gaidukovych, S. V. Shelestova. Khar. prom. no. 2:76-80 Ap-Je '62.

Very simple thermostatic apparatus for laboratory refractometry. IA. A. Rozenblit. Lab. delo 8 no. 8:53-54 Ag '62.

REFRACTORIES INDUSTRY

Refractories industry in the first half of 1962. Ogneupory 27 no. 8:341-343 '62.

REFRACTORIES INDUSTRY—LABOR PRODUCTIVITY

"Potentialities for an increase of labor productivity in the refractories industry" by V. M. Nikulin, G. Kh. Iakhakov. Reviewed by IU. I. Kamenetskii. Ogneupory 27 no. 10:483-484 '62

REFRACTORY CONCRETE

Lining of tunnel furnace conveying cars with refractory blocks. A. D. Rabinovich, A. N. Rybakov, Stek. i fer. 19 no. 9:35-36 S '62.

REFRACTORY MATERIALS
(see also subdivision under Austria)

Fusion of zirconium bearing refractories in a three-phase electric arc furnace N. M. Galdina, IU. S. IAnovskii. Ogneupory 27 no. 10 440-444 '62.

Grog-fine refractories made of high-grade clays and kaolins. Ogneupory 27 no. 10 444-449 '62

Investigation of compression strains. N. M. Savel'ev. Ogneupory 27 no. 8:355-362 '62.

Machine for cutting blanks and making furrows in recuperator tubes. M. A. Rabinovich. Ogneupory 27 no. 8:366-367 '62.

New kind of a vacuum belt press. M. A. Poliakov. Ogneupory 27 no. 8:364-366 '62.

Optima types of refractories for the laying of all-basic open-hearth furnaces. V. S. Sakharov, M. I. IAmpol'skii. Met. i gornorud. prom. no. 3 40-42 My-Je '62.

Performance of "model 115" centrifugal pug mills. A. P. Lazin, S. A. Losev. Ogneupory 27 no. 8 363-364 '62.

Refractory material mining enterprises in 1950-1961. I. M. Galovanenko. Ogneupory 27 no. 8:360-372 '62.

Service of unburned magnesite-chromite adapter bricks in electric furnace walls. M. N. Kalibicheva and others. Metallurg 7 no. 8:16-18 Ag '62.

Some properties of porous ceramics made of beryllium oxide. I. IA. Guzman, D. N. Poluboiarinov. Ogneupory 27 no. 10.457-462 '62

Use of refractory blocks in the repair of open-hearth furnaces. A. S. Zalkind. Metallurg 7 no. 10:31-33 O '62.

Use of unfired checker refractories. G. I. Antonov, M. M. Khil'ko. Met. i gornorud. prom. no. 3:37-40 My-Je '62.

REFRACTORY MATERIALS—CONGRESSES

Conference on lightweight refractories. A. K. Kaukler, Z. E. Dobrin. Ogneupory 27 no. 10:481 '62.

Report and electron meetings of primary organizations of the Scientific Technological Society for ferrous [illegible] V. Vinogradov. Ogneupory 27 no. 10:

REFRIGERATION AND REFRIGERATING MACHINERY

Compression-sorption cycle of mean temperature refrigeration. A. P. Klimenko. Trudy Inst. isp. gaza AN USSR 9:35-13 '61.

Experimental investigation of piston expander. A. P. Klimenko. Trudy Inst. isp. gaza AN USSR 9 56-74 '61.

IAkovlev, N. V. [Operation of refrigerating systems] Ekspluatatsiia kholodil'nykh ustanovok. Moskva, Gostorgizdat, 1962. 144 p.

One-flow cascade cycle of low temperature refrigeration operating on a binary mixture. G. I. Vysotskii. Trudy Inst. isp. gaza AN USSR 9:21-26 '61.

Propane-methane mixture as a refrigerant for vapor compression refrigeration cycle. G. I. Vysotskii. Trudy Inst. isp. gaza AN USSR 9:27-31 '61.

Shakhtepeistroi, trust. [Guide to the assembly and operation of ammonia refrigerating equipment for rock freezing] Rukovodstvo po montazhu i ekspluatatsii oborudovaniia ammiachnykh kholodil'nykh ustanovok dlia zamorazhivaniia gornykh porod. Moskva, Gosgortekhizdat, 1962. 146 p.

Use of ultracoolers in the manufacture of grape juice. P. V. Epifanov, A. A. Erofeev. Kons. i ov. prom. 17 no. 10:6-9 O '62.

REFRIGERATION AND REFRIGERATING MACHINERY—ABSTRACTS

[Compressors and refrigeration engineering] Ref. zhur. Otd. vyp. 31 Komp. i khol. tekh. nos 19-20 O '62

REFRIGERATION ANESTHESIA

Improvement in the method of local freezing of the subcortical structures in stereotactic operations on the brain. E. I. Kandel' and others. Vop. neirokhir. no. 4 51-54 '62.

REFRIGERATION ON SHIPS

Ship laboratory of a refrigeration mechanic. B. V. Golubev. Ryb. khoz. 38 no. 7:50-52 '62

REFRIGERATOR CARS—ELECTRIC EQUIPMENT

Skripkin, V. V., and S. V. Nekrutman. [Electric equipment of refrigerator cars] Elektrooborudovanie izotermicheskogo podvizhnogo sostava. Moskva, Transzheldorizdat, 1962. 204 p.

REFRIGERATOR CARS—MAINTENANCE AND REPAIR

Osadchuk, G. I. and IU. O. Faershtein. [Maintenance and repair of trains with refrigeration equipment] Remont poezdov s mashinnym okhlazhdeniem. Moskva, Transzheldorizdat, 1962. 286 p.

REFUGEES

Adamovich, G. V. [Contribution of Russian emigrés to world culture] Vklad russkoi emigratsii v mirovuiu kul'turu. Paris, 1961. 18 p.
(NjP)

REFUGEES, CUBAN—POLITICAL ACTIVITIES see subdivision under United States

REGENERATION (BOTANY)

Heterotopic osteogenesis and the problem of the regeneration of bone tissue. A. A. Korzh. Orthop., travm. i protez. 23 no. 6:50-57 Je '62.

Regeneration of normal shoots from bacterial tumors. [with summary in English]. N. A. Terekhova. Zhur. ob. biol. 23 no. 4:289-295 Jl-Ag '62.

Regeneration of pistachio by sprouts in Badkhyz. V. I. Kravchenko. Izv. AN Turk. SSR. Ser. biol. nauk no. 3:70-81 '62.

REGICIDES see subdivision under Uglich (Yaroslavl Province)

REGIONAL PLANNING see subdivision under Kuznetsk Basin; Russia, Western

REGISTERS OF BIRTH, ETC. see subdivision under Kiev

REINDEER

Scientific routes of the seven-year plan. Vokrug sveta no. 8:4 Ag '62.

REINDEER IN ART

Statuette of a reindeer from Kansk. L. P. Kyzlasov. Sov. arkheol. 6 no. 3:299-302 '62.

A stone with carved reindeers from Transbaikalia. P. P. Khoroshikh. Sov. arkheol. 6 no. 3:291-292 '62.

REINFORCED CONCRETE

Causes of the corrosion of reinforcing bars in shale-ash concrete [with summary in English]. L. Ott, N. Dilektorskii, A. Bol'shenko. Izv. AN Est. SSR, Ser. fiz. -mat. i tekh. nauk 11 no. 3, 221-228 '62.

Experience in the mechanization and automation of a plant producing reinforced concrete elements. A. Zamoshchik. Na stroi. Ros. 3 no. 4:20-21 Ap '62.

Mesh-reinforced concretes covers for autoclaves. P. Biletskyi. Bud. mat. i konstr. 4 no. 2:58-59 Mr-Ap '62.

REINFORCED CONCRETE CONSTRUCTION

Constructing reinforced concrete cylindrical shell foundations. K. Zazarskii. Na stroi. Ros. 3 no. 4:29-30 Ap '62.

Determining the carrying capacity of hingeless reinforced concrete arches under the action of a stepped load [with summary in English] L. N. Lebedynets'. Prykl. mekh. 8 no. 4 403-412 '62.

Static and fatigue strength of reinforced concrete beams. V. V. Pinadshian, G. M. Kanetsian, R. S. Avetisian. Izv. AN Arm. SSR. Ser. tekh. nauk 15 no. 1 35-42 '62.

"Stone" machine tools I. Fedorov. Znan.-sila 37 no. 6, 9-11 Je '62.

Stress distribution in elastic reinforced bodies [with summary in English]. M. S. Ivanov, B. I. Kogan. Prykl. mekh. 8 no. 5 522-529 '62.

Study of some problems connected with making mine supports from self-stressed reinforced concrete. V. A. Potashnikov. Nauch. soob. IGD 12:63-73 '61.

Using reinforced concrete in the manufacture of machinery. F. M. Gitman. Mashinostroenie no. 4:74-77 Jl-Ag '62.

REINFORCEMENT IN CONCRETE see Concrete reinforcement

REINSTATEMENT OF EMPLOYEES see Employees, Reinstatement of

REITER'S DISEASE

Severe course of Reiter's syndrome. N. V. Russkov, M. P. Ishchukova, I. M. Lazarev. Klin. med. 40 no. 6: 143-146 Je '62.

RELATIVITY (PHYSICS)

Static solutions with an energy excess in the general relativity theory [with summary in English]. IA. B. Zel'dovich. Zhur. eksp. i teor. fiz. 42 no. 6:1667-1671 Je '62.

RELIEF (SCULPTURE) see subdivision under Crimea

RELIGION

Concerning Vova and those who took his mother from him. S. Koloskov. Sov. shakht. 11 no. 8 36-37 S '62

"Criticism of religious ideology." Reviewed by A. Sukhov. Nauka i rel. no. 6:90-92 Je '62.

Good in words, bad in deeds. P. Fedotov. Nauka i rel. no. 9 57-61 S '62.

The longest war. R. Shau. Nauka i rel. no. 6:88-90 Je '62.

Questions and answers. Nauka i rel. no. 6:95 Je '62

Questions and answers. Nauka i rel. no. 9:96 S '62.

Religion and church abroad. Nauka i rel. no. 9 40-41 S '62.

Take care of young souls. I. Okunev. Sov. profsoiuzy 18 no. 19 32-34 O '62

Thus it will be. M. Doroshevskaia. Nauka i rel. no. 9 79-80 S '62.

What former believers tell. L. Laskina. Nauka i rel. no. 9 75-78 S '62.

RELIGION—CONTROVERSIAL LITERATURE

Life disproves the innateness of religion. III. Dobrynin. Otv. na vop. trud. no. 6:52-61 Je '62.

The origin and social nature of religion. Vitalii Voitko. Voiov. ateist no. 12:36-40 D '61.

RELIGION, PRIMITIVE

Butinova, M. S. [How religion originated] Kak voznikla religiia. Izd. 2., ispr. i dop. Moskva, Sovetskaia Rossiia, 1958. 111 p.
(IU)

RELIGION AND COMMUNISM see Communism and religion

RELIGION AND ETHICS

Does religion make you better? A. Vasinskii. Nauka i rel. no. 9:52-56 S '62.

Morals. Nauka i rel. no. 6:83-84 Je '62

RELIGION AND LITERATURE

A bill of charges. IE. Serbilenko. Voiov. ateist no. 12: 52-54 D '61.

RELIGION AND MEDICINE see Medicine and religion

RELIGION AND SCIENCE

In cooperation with science. V. Mezentsev. Nauka i rel. no. 6:12-17 Je '62.

It is the duty of every scholar! K. Karandeev. Nauka i rel. no. 6:8-11 Je '62.

Religion and I. Leopold Infeld. Nauka i rel. no. 9:42-49 S '62.

Science. Nauka i rel. no. 9:86-87 S '62.

Voitko, V. I. [Scientific and religious ideologies are irreconcilable] Naukovyi i religiinyi svitohliady - neprymyrenni. Kyiv, Derzhpolitvydav URSR, 1962. 58 p.

RELIGION AND SCIENCE—BIBLIOGRAPHY see Bibliography—Religion and science

REMARQUE, ERICH MARIA, 1898-

Remarque in the "Ugala" Theater. E. L. Teatr 23 no. 8 162 Ag '62.

REMEZOV, SEMEN UL'IANOVICH, c. 1662 - c. 1716

Structures designed and built by Semen Remezov in Tobol'sk. V. V. Kuznetsov. Arkhit. nas. 14 100-124 '62.

REMOTE CONTROL

Determination of the mean time of faultless operation of contactless remote control devices [with summary in English]. V. A. Zhozhikashvili, Iu. I. Shmukler, Avtom. i telem. 23 no. 7, 932-937 Jl '62.

Electric circuits for remote control of diesel engines on diesel locomotives. L. A. Kheifets. Mashinostroenie no. 4 82-84 Jl-Ag '62.

Krechetovich, N. N. [Automatic and remote control] Avtomatika i telemekhanika. Minsk, Izd-vo M-va vysshego, srednego spetsial'nogo i professional'nogo obrazovaniia BSSR, 1962. 233 p.

Problems concerning the operational reliability of the RSU-50 remote control system. N. D. Sukhopudskii. Trudy TSNII MPS no. 232:5-15 '62.

Remote control of substations. Metallurg 7 no. 10, 14 O '62.

Some problems of the application of telemechanics in mines. M. A. Gol'din, V. I. Panafenko, L. G. Dergachev. Ugol' Ukr. 6 no. 9 11-13 S '62.

REMOTE CONTROL—DICTIONARIES

Bunin, D. A., and A. A. Shubin, comps. [Concise German-Russian dictionary on automatic and remote control] Kratkii nemetsko-russkii slovar' po avtomatike i telemekhanike. Moskva, Glav. red. inostr. nauchno-tekhn. slovarei Fizmatgiz, 1962. 531 p.

RENAISSANCE see subdivision under Italy

RENAL INSUFFICIENCY

Crush syndrome in its forensic medical aspect. P. S. Gurevich. Sud.-med. ekspert. 5 no. 3:16-18 Jl-S '62.

RENIN

Localization of renin in the kidneys of normal animals and men [with summary in English]. A. M. Vikhert, Iu. A. Serebrovskaia. Kardiologiia 2 no. 1:10-17 Jl-Ag '62.

REPATRIATION

From far away and close by. V. Sterin. Mol. komin. no. 6:91-96 Je '62.

REPRODUCTION

Analysis of seasonal changes in the cells of grass frogs [with summary in English]. I. M. Poshkova. Zhur. ob. biol. 23 no. 4 313-317 Jl-Ag '62.

Biology of the reproduction of pike perch and hybrids of roach and bream in Mingechaur Reservoir. A. I. Nabiev, P. K. Melikova. Izv. AN Azerb. SSR. Ser. biol. i med. nauk no. 5:3-8 '62.

Lazzaro Spallanzani's studies on problems of animal reproduction. P. N. Skatkin. Trudy Inst. ist. est. i tekh. 40:221-247 '62.

Processes of conjugation in Paramecium putrinum Clap. et Lachm. Report No. 3 Multiple system of mating types in P. putrinum [with summary in English]. A. V. IAnkovskii. Zhur. ob. biol. 23 no. 4, 276-282 Jl-Ag '62.

RESEARCH

(see also subdivision under Kirghizistan)

Carrying out of a public review on the fulfillment of research plans and use of scientific and technical achievements in the national economy. Elektrichestvo no. 9: 94-95 S '62.

Conditions for carrying out a public review on the fulfillment of research plans and use of scientific and technical achievements in the national economy. Elektrichestvo no. 9:95 S '62.

In favor of the application of the communist labor movement in science. L. Mazalov, I. IAvorskii. Tekh. mol. 30 no. 9:8 '62.

Science and technology in the world of the future. Nov. vrem. 20 no. 41:18-21 O '62.

RESEARCH, INDUSTRIAL

(see also subdivision under Armenia; Poland)

Khimki. TSentral'nyi nauchno-issledovatel'skii institut mekhanizatsii i energetiki lesnoi promyshlennosti. [Papers of Central Scientific Research Institute of Mechanization and Power Engineering in the Lumber Industry, of the Irkutsk and Caucasus Branches of the Institute, and of the Karelian Scientific Research Institute of Design and Planning for the Lumber and Woodworking Industries in the Field of the Mechanization of Lumbering Operations; collection of reports on research completed during 1960] Trudy TsNIIME, Irkutskogo, Kavkazskogo filialov TsNIIME i Karel'skogo proektnogo nauchno-issledovatel'skogo instituta lesnoi i derevoobrabatyvaiushchei promyshlennosti v oblasti mekhanizatsii lesozagotovok; sbornik referatov nauchno-issledovatel'skikh rabot vypolnennykh v 1960 g. Moskva, 1962. 100 p.

State of carrying out the research plan for 1962. K. M. Gorev. Biul. tekh.-ekon. inform. Gos. nauch.-issl. inst. nauch. i tekh. inform. no. 9:78 '62.

Strengthen the relationship between science and industry. P. Dybina. NTO 4 no. 10:34-35 O '62.

Ways for improving planning and introducing the achievements of science and technology. A. Pfiner. Plan. khoz. 39 no. 10:44-53 O '62.

RESERPINE

Treatment with reserpine of preschool age children with schizophrenia [with summary in French] V. P. Belov. Zhur. nevr. i psikh. 62 no. 7:1096-1102 '62.

Uropepsin excretion dynamics in hypertension treated with reserpine [with summary in English]. A. A. Dzyalov, N. P. Dobrik. Kardiologiia 2 no. 4 82-83 Jl-Ag '62.

RESERVOIR SEDIMENTATION see subdivision under Volgograd Reservoir

RESERVOIRS

(see also subdivision under Talin District)

Avakian, A. G., and V. A. Sharapov. [Reservoirs of the hydroelectric power stations of the U. S. S. R.] Vodokhranilishcha gidroelektrostantsii SSSR. Moskva, Gos. energ. izd-vo, 1962. 151 p.

RESINS see Gums and resins

RESINS, SYNTHETIC

Industrial hygiene in the production of rubble pitch film [with summary in English]. V. P. Kamchatnov, L. E. Golubovskii, N. I. Fateeva. Gig. i san. 26 no. 12:25-30 D '61.

Protecting fresh concrete with films of synthetic resins. I. M. Elshin, P. M. Manannikov. Gidr. i mel. 14 no. 8: 31-33 Ag '62.

Qualitative changes in the balance of paint raw materials. V. N. Sannikov. Trudy KhPI 22 no. 2:67-81 '59.

Tomkina, R. Z. [Rapid wood gluing by a cold method using quick-hardening carbamide resins] Uskorennoe skleivanie drevesiny kholodnym sposobom karbamidnymi smolami bystrogo otverzhdeniia, stenogramma lektsii, prochitannoi v LDNTP dlia rabotnikov mebel'noi i derevoobrabatyvaiushchei promyshlennosti. Leningrad, 1962. 19 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Serlia Derevoobrabatyvaiushchaia promyshlennost')

RESPIRATION

Automatization of "voluntary" changes in respiration. O. V. Ostpova. Probl. psikhol. sporta no. 2:170-177 '62.

Dynamics of the neurological symptoms in the clinical aspects of disorders of respiration in brain tumors. Iu. V. Konovalov. Vop. neirokhir. no. 1:45-47 '62.

Respiratory disorders in connection with nervous system lesions in children [with summary in French] Iu. A. IAkunin. Zhur. nevr. i psikh. 62 no. 7:993-999 '62.

Some changes in pulmonary respiration in pneumonias in lambs. V. K. Parakin. Trudy Rost. NIVS no. 12:111-116 '60.

RESPIRATION, ARTIFICIAL see Artificial respiration

RESPIRATION CALORIMETER

Devices for determining the gas metabolism of warm-blooded animals. A. M. Mindlin. Izv. vys. ucheb. zav.; prib. 5 no. 1:94-104 '62.

RESPIRATORS

Breath of air. IUrii Varshavskii. Znan.-sila 37 no. 7 18-19 Jl '62.

RESPIRATORY ORGANS—DISEASES

Problems in the therapeutic and prophylactic use of physical exercises in diseases of the organs of circulation and respiration at the All-Union Conference on Medical Control and Exercise Therapy. D. G. Matoshina, V. M. Matoshin. Vop. kur., fizioter. i lech. fiz. kul't. 27 no. 3: 282-285 My-Je '62.

RESTAURANTS, LUNCHROOMS, ETC.

(see also subdivision under Chelyabinsk, Chernigov; Moscow; Stavropol Territory; Ukraine)

During the past three years. O IAkovlev. Obshchestv. pit. no. 6:29-31 Je '62.

Every day and every hour! Obshchestv. pit. no. 6:1-3 Je '62.

Important matter of common concern. V. Zagulina. Obshchestv. pit. no. 6 17-19 Je '62.

Intermediate products in the restaurants of the Russian Federation. L. Gutman. Obshchestv. pit. no. 6:22-25 Je '62.

Letters to the editor. Obshchestv. pit. no. 6:40-41 Je '62.

Milk bars. V. Khrenov. Obshchestv. pit. no. 6, 53-56 Je '62.

RESTAURANTS, LUNCHROOMS, ETC.—BIBLIOGRAPHY see Bibliography—Restaurants, lunchrooms, etc.

RESTAURANTS, LUNCHROOMS, ETC.—EMPLOYEES

Selection, placement and education of personnel as a gurantee of success. All-Russian conference of workers in commerce and public food service. Obshchestv. pit. no. 6:14-16 Je '62.

RESTAURANTS, LUNCHROOMS, ETC.—EQUIPMENT AND SUPPLIES

The pattern of a tubular electric heater is of great importance. D. Fatykhov. Obshchestv. pit. no. 6:57-59 Je '62.

RESTAURANTS, LUNCHROOMS, ETC.—HYGIENIC ASPECTS

Statsenko, G. P., and M. I. Faizulin, comps. [Industrial hygiene and accident prevention in the organizations and enterprises of state commerce and public dining] Okhrana truda i tekhnika bezopasnosti v organizatsiiakh i predpriiatiiakh gosudarstvennoi torgovli i obshchestvennogo pitaniia, sbornik materialov. Moskva, Gostorgizdat, 1962. 311 p.

RESTAURANTS, LUNCHROOMS, ETC.—MANAGEMENT see subdivision under Ukraine

RESTAURANTS, LUNCHROOMS, ETC.—SAFETY MEASURES

Levitskii, K. I. [Safety engineering and fire prevention techniques in public food service enterprises] Tekhnika bezopasnosti i protivopozharnaia tekhnika v predpriiatiiakh obshchestvennogo pitaniia. Izd. 2., pererab. i dop. Moskva, Gostorgizdat, 1962. 157 p.

RESTORATION FROM DROWNING see Drowning, Restoration from

RESUSCITATION

Methods for resuscitating children born in asphyxia. G. L. Pavet. Pediatriia, akush. 27 no. 7 53-56 Jl '62.

Principal results of a pathophysiological study of the processes of dying and resuscitation of the body. V. A. Negovskii. Arkh. pat. no. 7:3-9 '62.

RETAIL TRADE

(see also subdivision under Moscow)

Lebedev, N. N. and A. M. Fridman. [Collection of problems on the economics and planning of the Soviet cooperative trade] Zadachnik po ekonomike i planirovaniiu sovetskoi kooperativnoi torgovli. Moskva, Izd-vo TSentrosoiuza, 1962. 190 p.

[Trade abroad; organization, new methods, and equipment of trade and public food service] Torg. za rub.; org., nov. metody, tekh. torg. i mars. pit. nos. 9-10 '62.

RETAIL TRADE—COSTS

"Statistics of retail prices" by M. M. Sadekov, M. IA. IAkovlev. Reviewed by A. Prosandeev. Vest. stat. no. 9:87-88 '62.

RETICULO-ENDOTHELIAL SYSTEM

Impregnation of reticular fibres, modification of Foot's method. E. IA. Lokteva. Vest. AN Kazakh SSR 18 no. 6 91-93 Je '62.

RETTING

Methods for obtaining retted flax straw in the Ukrainian Polesye. V. P. Moiseieva. Nauk. pratsi Ukr. nauk.-dosl. inst. zem. 11:40-51 '61.

REVOLUTIONS

Relation of the bourgeois revolution to the feudal state apparatus [with summary in English]. L. V. Zhemoitel'. Vest. LGU 17 no. 17, 71-82 '62.

REWARDS (PRIZES, ETC.)

Earned awards. Meteor. i gidrol. no. 10:63-64 O '62.

Rewards to scientists. Vest. AN SSSR 32 no. 9:123 S '62.

Rh FACTOR

Detection of Rhesus antibodies in the blood serum of Rhesus negative donors. S. E. Gurevich, A. G. Bashlai. Probl. gemat. i perel. krovi no. 9:39 '62.

RHENIUM

(see also subdivision under Dzhezkazgan)

Effect of metallic impurities on the physicomechanical properties of rhenium. E. M. Savitskii, M. A. Tylkina, G. E. Chuprikov. Zhur. neorg. khim. 7 no. 9:2272-2274 '62.

RHENIUM COMPOUNDS—SPECTRA

X-ray L_{III}-absorption spectra and the character of the bond in complex compounds of Re^{II}, Re^{IV}, Re^{VII}. N. V. Troneva. Dokl. AN SSSR 146 no. 1:118-121 S '62.

RHEUMATIC FEVER

(see also subdivision under Kishinev)

Basic problems in the clinical aspects and prevention of rheumatism in children. O. D. Sokolova-Ponomareva. Zdravookhranenie 5 no. 4:18-23 Jl-Ag '62.

Characteristics of the course of vestibular and psychosensory forms of cerebral rheumatism in children and adolescents; from data of catamnestic studies [with summary in French]. I. Z. Mizikova. Zhur. nevr. i psikh. 62 no. 7:1067-1071 '62.

Comparative evaluation of the changes in the protein fractions and the diphenylamine reaction of the blood serum as indices of the activity of the rheumatic process. E. B. Shnaider. Zdravookhranenie 5 no. 4:28-32 Jl-Ag '62.

Edel'man, Z. I. [Rheumatism in children; its clinical aspects, diagnosis and treatment] Revmatizm u detei; klinika, diagnostika i lechenie. Moskva, Medgiz, 1962. 214 p.
(DNLM)

Moscow. Pervyi meditsinskii institut. [Rheumatism - the present-day status of the problem; a textbook for students, postgraduates and interns] Revmatizm—sovremennoe sostoianie voprosa; posobie dlia studentov, aspirantov i ordinatorov. Moskva, 1962. 27 p.
(DNLM)

RHEUMATIC FEVER (Continued)

Rheumatic vasculitis with chiefly cutaneous localization. N. N. Kolotova, A. I. Sorochinskaia. Vest. derm i ven no. 6:45-50 '62.

"Rheumatism will be conquered" by I. A. Kassirskii. Reviewed by IA. A. Sigidin. Zdorovie 8 no. 9:29 S '62.

Serum transaminase activity in children with rheumatic fever. V. P. Cherniuk, F. K. Iliafovich. Vop. okh. mat. i det. 7 no. 3:37-41 Ag '62.

Treatment and prevention of rheumatism in children. V. M. Vozlinskaia. Fel'd. i akush. 27 no. 7 13-17 Jl '62.

Use of electroencephalography in rheumatism in children. A. I. Shvareva, G. O. Zubaitova. Kaz. med. zhur. no. 3 39-41 My-Je '62.

Utilization of the test of tissue hydrophilism in rheumatism in children. E. N. Kolovaev, N. N. Gimadeev. Kaz. med. zhur. no. 3:36-39 My-Je '62.

RHEUMATIC HEART DISEASE

Blood flow rate in children with rheumatism. V. V. Getsel. Zdravookhranenie 5 no. 4:23-29 Jl-Ag '62.

Change in the metabolism of amino and fatty acids in rheumatic lesions of the cardiovascular system [with summary in English]. IA. S. Leshchinskaia. Terap. arkh. no. 6:72-78 '62.

RHIZOPUS

Biological transformation of 16α,17α-dihydroxyprogesterone using the fungus Rhizopus nigricans. A. S. Baramenkov, E. G. Balasheva. Med. prom. 16 no. 7 45-48 Jl '62.

RHIZOSPHERE MICROBIOLOGY

Effect of the specific complex of root microflora on the growth and development of plants. E. Kh. Rempe. Agrobiologiia no. 4 604-609 Jl-Ag '62.

Interrelations of nitrogen and carbon fertilizers and their effect on the growth of corn and soil microflora. S. A. Samtsevych, IE. K. Bushenko. Nauk. pratsi Ukr. nauk.-dosl. inst. zem. 11:16-22 '61.

Rhizosphere and root microflora of winter wheat preceded by lupine as a fallow crop. S. A. Samtsevych, V. M. Borysova. Nauk. pratsi Ukr. nauk.-dosl. inst. rem. 11: 14-16 '61.

RHODAMINE—SPECTRA

Study of the association of rhodamine 6G molecules based on electron and vibrational absorption spectra. L. A. Ignat'eva and others. Opt. i spektr. 13 no. 3: 396-402 S '62.

RHODESIA, SOUTHERN—POLITICS AND GOVERNMENT

In the land of Zimbabwe. William Kingsley. Nov. vrem. 20 no. 40:28-29 O '62.

RHODESIA, SOUTHERN—SOCIAL CONDITIONS

In the land of Zimbabwe. William Kingsley. Nov. vrem. 20 no. 40:28-29 O '62.

RHYNCHONELLIDAE, FOSSIL see subdivision under Novaya Zemlya

RHYTHM

Generator of moods. A. Voskresenskii, G. Izosimov, A. Prokhorov. Znan.-sila 37 no. 5:34-35 My '62.

RIBOFLAVIN

Effect of overheating on the content of riboflavin in the tissues of white rats. E. L. Perel'man. Izv. AN Turk. SSR, Ser. biol. nauk no. 3:70-73 '62.

Objective test for determining the vitamin B_2 requirement of young infants. M. I. Korytko. Lab. delo 8 no. 8:28-30 Ag '62.

RICE—DISEASES AND PESTS

Controlling insect pests of stored rice (from "Agriculture Handbook," no. 129, 1957). G. Bardyshev. Muk.-elev. prom. 28 no. 7:29-30 Jl '62.

RICE—FERTILIZERS AND MANURES

Some physiological characteristics of the root system of rice under various conditions of mineral nutrition. N. N. Khanafin. Fiziol. rast. 9 no. 4:488-492 '62.

RICE—STORAGE

Controlling insect pests of stored rice (from "Agriculture Handbook," no. 129, 1957). G. Bardyshev. Muk.-elev. prom. 28 no. 7:29-30 Jl '62.

RICHTER, EMMA, 1888-1956

In memory of Emma and Rudolf Richter. R. F. Gekker. Paleont. sbor. [Lvov] no. 1:159-162 '61.

RICKETTSIAL DISEASES

Complement fixation reaction with activin in rickettsiosis. N. M. Bolaeva. Lab. delo 8 no. 8:41-43 Ag '62.

"Gamasid rickettsiosis (its clinical aspects and diagnosis)" by I. R. Drobinskii. Reviewed by S. E. Shapiro. Zdravookhranenie 5 no. 4:59-61 Jl-Ag '62.

RIDDLES, CHUVASH

Chuvash riddles. N. R. Romanov. Uch. zap. ChNII no. 21:142-154 '62.

RIGA—NEWSPAPER AND PERIODICAL CIRCULATION

On the banks of the amber sea. IA. Frisher. Raspr. pech. no. 9:6 S '62.

RIGHT OF PROPERTY

Decisions of the Supreme Court of the U. S. S. R. of July 31, 1962. Sov. iust. no. 18 28-31 S '62.

RIGHT TO LABOR

The concept of the right to labor [with summary in English]. O. V. Smirnov. Vest. LGU 17 no. 17 118-127 '62.

RILKE, RAINER MARIA, 1875-1926

Pasternak and Rilke, from work on the theme "German poetry and the works of Pasternak." I. N. Bushman. Issl. i mat. inst. po izuch. SSSR Ser. 1 no. 65 233-239 '62.

RING COMPOUNDS see Cyclic compounds

RINGS

The thumb ring in Russia in the 16th and 17th centuries. O. IA. IAkovleva. Uch. zap. ChNII no. 21 348-350 '62.

RINGS (ALGEBRA)

General theorem on the factorization of matrix functions in normed rings and its applications. I. TS. Gokhberg. Dokl. AN SSSR 146 no. 2 294-297 S '62.

Intermediate rings. A. I. Cheremisin. Izv. vys. ucheb. zav., mat. no. 3:150-163 '62.

Radical rings of quotients. V. P. Elizarov. Sib. mat. zhur. 3 no. 3:360-367 My-Je '62.

Solvability of alternating nil-rings. K. A. Zhevlakov. Sib. mat. zhur. 3 no. 3:366-377 My-Je '62.

Some extremum properties of functions, many-sheeted in multiply connected regions. IU. E. Alenitsyn. Dokl. AN SSSR 146 no. 2:267-269 S '62.

Some properties of algebraically dependent quantities [with summary in English]. V. A. Oleinikov. Vest. Mosk. un. Ser. 1 Mat., mekh. 17 no. 5:11-17 S-O '62.

RINGWORM see subdivision under Berezhany District

RIVERS see subdivision under Azerbaijan; Volyn'-Podolian Upland

RIVERS—MAPS see subdivision under Azerbaijan

RIVERS—REGULATIONS

Structures for the regulation of mountain rivers. G. V. Rurua, O. A. Sichinava. Avt. dor. 25 no. 9:17-18 S '62.

RIVETS AND RIVETING

Unit for cold riveting. V. Kuzevanov. Avt. transp. 40 no. 9:56 S '62.

ROAD CONSTRUCTION see subdivision under Kholynets District; Makharadze District; Sverdlovsk Province

ROAD CONSTRUCTION—BIBLIOGRAPHY see Bibliography—Road construction

ROAD CONSTRUCTION—SAFETY MEASURES

Improve the training in safety regulations. A. Razina. Avt. dor. 25 no. 9:32 S '62.

Literature on labor safety and safety regulations. Avt. dor. 25 no. 9:32 S '62.

ROAD CONSTRUCTION—TERMINOLOGY

Again on road-technical terminology. V. K. Nekrasov. Avt. dor. 25 no. 9:30-31 S '62.

ROAD MACHINERY

Improving the use of construction and road machinery at enterprises of the Ministry of the Construction of Electric Power Stations of the U. S. S. R. A. S. Grigor'iants, E. K. Maloletkov. Energ. stroi. no. 27:86-88 '62.

L'vov, P. N. [Wear resistance of parts of construction and road machinery] Iznosostoikost' detalei stroitel'nykh i dorozhnykh mashin. Moskva, Mashgiz, 1962. 86 p.

ROAD MACHINERY—ABSTRACTS

[Manufacture of construction equipment and road machinery. Mining machinery] Ref. zhur. Otd. vyp. 43: Stroi. i dor. mashinostr. Gor. mash. nos. 19-20, Oct. 1962.

ROAD MACHINERY—BIBLIOGRAPHY see Bibliography—Road machinery

ROAD MATERIALS

Frost resistance of nonconditioned gravel and sand materials strengthened with cement. A. P. Kuznetsov. Avt. dor. 25 no. 9:23-25 S '62.

ROAD MATERIALS—TESTING

Zashchuk, I. V. [New nondestructive methods of testing road materials and elements] Novye metody ispytaniia dorozhnykh materialov i sooruzhenii bez razrusheniia. Moskva, Avtotransizdat, 1962. 148 p.

ROAD RESEARCH see Highway research

ROADS see subdivision under Brazil

ROADS—DESIGN see subdivision under Czechoslovakia

ROADS—MAINTENANCE AND REPAIR

Indices of a road maintenance service. M. F. Smirnov. Avt. dor. 25 no. 9:31 S '62.

ROADS, CONCRETE

Use armored cement in road construction. N. V. Borovskii, L. I. Pokrass. Avt. dor. 25 no. 9:21-23 S '62.

ROADS, ICE

Khushev, A. M. [Maintenance and use of ice roads] Soderzhanie i ekspluatatsiia ledianykh dorog. [Syktyvkar] Komi knizhnoe izd-vo, 1962. 22 p. (Bibliotechka lesozagotovitelia)

ROADSIDE IMPROVEMENT see subdivision under Sverdlovsk Province

ROBOROVSKII, VSEVOLOD IVANOVICH, 1856-1910

V. I. Roborovskii's unpublished ethnographic drawings. L. A. Goldenberg. Sov. etn. no. 4:158-164 Jl-Ag '62.

ROBOTS see Automata

ROCK DRILLS

The BSV-2 rock drilling unit. Shakht. stroi. 6 no. 6: 4 of cover S '62.

Device for drilling bore holes for rod bolting. V. A. Kichnev, G. P. Kutsenko. Shakht. stroi. 6 no. 9 24-25 S '62.

Effect of the shape of diamond drill bits. IU. A. Burmistrov. Met. i gornorud. prom. no. 4:70-73 Jl-Ag '62.

Explosion-proof EBK-2m electric column drill. Shakht. stroi. 6 no. 9:3 of cover S '62.

Hand-operated ER-14D, ER-15D, ER-16D, ERP-18D electric rock drills. Shakht. stroi. 6 no. 9:3 of cover S '62.

Nikiforov, N. K., and N. V. Shustov. [Construction, use, and repair of rock drills] Konstruktsiia, ekspluatatsiia i remont perforatorov. Moskva, Gosgortekhizdat, 1961. 104 p.

Studies of some factors determining the productivity of rock drills. L. F. Ostpovskii. Vest. AN Kazakh. SSR 18 no. 6 68-76 Je '62.

ROCK PRESSURE

(see also subdivision under Donets Basin)

Control of the harmful effects of bumps in the mines of the U. S. S. R. S. G. Avershin and others. Ugol' 37 no. 8 22-30 Ag '62.

Development of shearing processes in side rocks in hard headings lying above stopes. A. M. Savonov. Izv. vys. uch. zav., gor. zhur. 5 no. 6 32-36 '62.

Effect of fracturing in a rock massif intersected with pressure tunnels on the resistance coefficient. G. G. Khachikian. Izv. AN Arm. SSR, Geol. i geog. nauki 15 no. 4:57-63 '62.

Joint operation in supporting underground workings and surrounding rocks. G. A. Katkov. Shakht. stroi. 6 no. 10, 9-12 O '62.

Relationship between the shape of a lateral cross section of a gallery and the state of stress and deformation in the massif. I. I. Pasechnik, V. I. Rybasov. Izv. vys. uch. zav.; gor. zhur. 5 no. 6:22-27 '62.

Some regularities in the occurrence of rock pressure in the chamber system of mining. V. Bakhimov. Nauch. Soob. IGD 12 74-83 '61.

State of stress in the massif around openings driven at an angle with undermining of plastic clays. IU. N. Ogorodnikov. Izv. vys. uch. zav., gor. zhur. 5 no. 6:16-21 '62.

Study of ways of controlling rock pressure in working seams in the central Donets Basin where there are soils which tend to creep. G. S. Khomylov. Nauch. soob. IGD 12:46-53 '61.

ROCKETRY—ABSTRACTS

[Rocket engineering and space flight equipment] Ref. zhur. Otd. vyp. 41: Raket. tekh. i app. kosm. pol. nos. 19-20 O '62.

ROCKETS (AERONAUTICS)

Bolkhovitinov, B. F. [Trends in the development of aircraft] Puti razvitiia letatel'nykh apparatov. Moskva, Oborongiz, 1962. 120 p.

Dmitrievskii, A. A., and V. N. Koshevoi. [Physical foundations of rocket flight] Fizicheskie osnovy poleta raket. Moskva, Voenizdat, 1962. 77 p. (Raketnaia tekhnika)

Pobedonostsev, IU. A. [Way into space, achievements of Soviet rocket engineering] Put' v kosmos; dostizheniia sovetskoi raketnoi tekhniki. Moskva, Voenizdat, 1962. 98 p. (Nauchno-populiarnaia biblioteka)

[Problems of rocket engineering; translations and surveys of foreign periodical literature] Vop. raket. tekh.; sbor. perev. i obz. inostr. period. lit. 12 no. 10 '62.

Tatarchenko, A. E. [Guided missiles and rockets] Upravliaemye snaridy i rakety. Moskva, Izd-vo DOSAAF, 1962. 86 p.

ROCKETS (ORDNANCE)

New equipment and the tightening of military discipline. I. Pliev. Komm. Vooruzh. Sil 3 no. 19:21-28 O '62.

The strength of the soldier lies in skill. P. Aleksandrov. Voen. znan. 38 no. 9:12-13 S '62.

ROCKS

(see also subdivision under Azerbaijan, Bulan-Kul' Lake region; Maritime Territory)

Determining the strength of rocks and coal by means of ultrasonic waves. M. N. Gumeniuk. Ugol' Ukr. 6 no. 9:17-19 S '62.

Effect of fracturing on the nature of rock shattering by blasting. M. F. Drukovanyi, IU. V. Gaek, V. V. Mishin. Vzryv. delo no. 50/7:98-103 '62.

ROCKS (Continued)
Interrelations of the limits of strength of rock subject to displacement and to compression N M Glotov Trudy TSNIIS no 45 158-160 '62
Method of blasting minerals with flat charges, Sh G. Gamsakhurdia. Vzryv. delo no. 50/7:184-189 '62
ROCKS—ANALYSIS
Determination of small amounts of zirconium in native materials [with summary in English] I. A. TSerkovnitskaia, N. S. Borovaia. Vest. LGU 17 no. 16 148-150 '62.
Problem of the comparision of average contents of log-normally distributed components in rocks. D. A. Rodionov. Geokhimiia no. 8 732-736 '62.
ROCKS—MAGNETIC PROPERTIES
Effect of the coring shell on the magnetization of the core. V. N. Zavoiskii. Geofiz. sbor. no. 3:117-119 '62.
ROCKS—TESTING
Breaking rocks with an impact load. A. I Fedulov. Trudy Inst. gor. dela Sib. otd. AN SSSR no. 6:37-62 '61
Concerning L. I. Baron, B. M. Loguntsov, and E. Z. Pozin's book "Determining the properties of rocks." Reviewed by V. A. Brenner, D. M. Liuboshchinskii. Shakht. stroi. 6 no. 10:32-3 of cover O '62.
Criteria of the shattering action of blasting. L. I. Baron, S. P. Levchik. Vzryv. delo no. 50/7:7-16 '62.
Device for determining the strength of rock and concrete subject to displacement N M Glotov Trudy TSNIIS no 45 161-163 '62
Dortman, N. B., and M. L. Ozerskaia, eds. [Methodological handbook on determining the physical properties of rocks and minerals] Metodicheskoe rukovodstvo po opredeleniiu fizicheskikh svoistv gornykh porod i poleznykh iskopaemykh. Moskva, Gosgeoltekhizdat, 1962. 457 p.
Drillability of rocks using a single-nozzle jet under constant working conditions A. V. Brichkin, A. N. Moskalev. Izv. vys. uch. zav., gor. zhur 5 no. 6.71-77 '62.
Evaluation of the physicomechanical properties of rocks in order to calculate the stability of open-pit sides as exemplified in deposits of the Kursk Magnetic Anomaly. B. K. Aleksandrov. Nauch. soob. IGD 12.84-93 '61.
Features of shattering fractured massifs by blasting. V. K. Rubtsov. Vzryv. delo no. 50/7:114-121 '62
Laboratory studies of the size characteristics in blasting. E. P. Maksimova. Vzryv. delo no. 50/7.55-58 '62
Laboratory testing machine for studying the breaking of rocks with an impact load. A. I. Fedulov and others Trudy Inst. gor. dela Sib. otd. AN SSSR no. 6:63-77 '61.
Measuring forces in impact loads. A. I. Fedulov, V. V. Kamenskii, B. N. Serpeninov. Trudy Inst. gor. dela Sib. otd. AN SSSR no. 6:99-114 '61.
Study conducted in England on the shattering of blocks of rock by blasting. V. L. Baron. Vzryv delo no. 50/7: 109-113 '62.
Study of some regularities of secondary blasting in open pits. L. I. Baron, N. F. Adrianov. Vzryv. delo no. 50/7: 162-175 '62.
Study of the parameters of large-scale blasting in Kirghiz open-pit mine workings. E. G. Baranov and others. Vzryv. delo no. 50/7:131-141 '62.
Study of the relationship between the rate of applying a load and friction to the ends and a change in the volume of the index of hardness of rock specimens in uniaxial compression. M. F. Kuntysh. Nauch. soob. IGD 12: 110-120 '61.
Study of the shattering of rocks. E. P. Maksimova. Vzryv. delo no. 50/7:103-109 '62.
Ubakeev, S. U. [Determination of the stability of the sides of pits dug in solid rock as exemplified by the Buurdu Mine] Opredelenie ustoichivosti bortov skal'nykh kar'erov; na primere Buurdinskogo rudnika. Frunze, Akad. nauk Kirgizskoi SSR, 1960. 62 p
Unit for studying strains caused by a blow. A. I. Fedulov, V. V. Kamenskii, B. N. Serpeninov. Trudy Inst. gor. dela Sib. otd. AN SSSR no. 6:79-89 '61.
Using the method of modeling on an electrical hydrodynamic apparatus to study the shattering of ore in blasting. I. M. Panin, Van TSzun-tan [Wang TSung-t'ang]. Vzryv. delo no. 50/7:44-48 '62.
ROCKS, CARBONATE see subdivision under Gissar Range
ROCKS, CARBONATE—ANALYSIS
Utilizing results of the thermal and volumetric determination of carbonate rocks in facies analysis. O. I. Nekrasova, T. E. Biriukova. Trudy VSEGEI 72:149-153 '62.
ROCKS, CRYSTALLINE AND METAMORPHIC
(see also subdivision under Georgia; Ol'khon Island; Satnovoy Range; Volga-Ural region)
Significance of polymetamorphism in the solution of age problem of metamorphic complexes in fold areas. B. IA. Khoreva. Trudy VSEGEI 73:81-87 '62.
ROCKS, GASES IN see Gases in rocks
ROCKS, IGNEOUS
(see also subdivision under Kazakhstan; Korea; Koluy Valley; Maymecha Valley; Tarkhan, Cape; Tskhenis-Tskali Valley; Uzbekistan)
Isolation of the coastal area of the development of volcanic rocks of the Sikhote-Alin' Range into an independent structural zone. E. V. Bykovskaia. Trudy VSEGEI 73:49-56 '62.
ROCKS, IGNEOUS—ANALYSIS
Significance of the alkaline modulus for the systematization of igneous rocks I V Luchitskii Trudy VSGI Ser. geol. no 5-62-69 '62.
ROCKS, IGNEOUS—MAGNETIC PROPERTIES see subdivision under Transcarpathia
ROCKS, SEDIMENTARY
(see also subdivision under Azerbaijan; Caspian Depression, Dniester Valley; Franz Josef Land, Kirghizistan, Kyzan region, Olenek Delta, Poland, Siberia, Eastern; Turkmenistan, West Siberian Plain)
Lithology of Jurassic and Lower Cretaceous sediments of a cross section of the Turukhan key hole, general description of the cross section G. E. Prozorovich Trudy SNIIGGIMS no 17:123-136 '61.
ROCKS, SEDIMENTARY—DENSITY see subdivision under Tuarkyr region
ROCKY MOUNTAIN SPOTTED FEVER see subdivision under Crimea
ROGACHEV—WORLD WAR, 1939-1945—UNDERGROUND MOVEMENTS
We must be vigilant! Alena Vasilevich. Rab. i stial. 38 no. 8:2-3 Ag '62.
ROLLER BEARINGS
Reducing the resistance of four-axle freight cars with roller bearings. P. N. Astakhov. Vest. TSNII MPS 21 no. 6:14-16 '62.
ROLLERS (EARTHWORK)
(see also subdivision under Poland)
Assortment of serially-produced rollers. Stroi. i dor. mash. 7 no. 8:38 Ag '62.
The D-551 roller. N. P. Pravosudovich. Stroi. i dor. mash. 7 no. 8:18-19 Ag '62.
The D-552 motor-driven road roller. V. P. Radionenko. A. P. Vikharev. Stroi. i dor. mash. 7 no. 8:19-21 Ag '62.
The DCK-1 attached pneumatic roller with reinforced concrete sections. G. I. Savotin. Stroi. i dor. mash. 7 no. 8:12-14 Ag '62.
The DSK-1 hitched pneumatic roller. G. I. Savotin, S. M. Khazan. Mekh. stroi. 19 no. 9:23-25 S '62.
Latticed roller for soil compaction. IU. N. Staroduмov Stroi. i dor. mash. 7 no. 8:16-18 Ag '62.
Method of making traction computations for rollers on pneumatic tires. N. A. Ul'ianov. Stroi. i dor. mash 7 no. 8:15-16 Ag '62.
PVK attached rollers developed by Volgogradgidrostaroi. A. A. Smoliar, V. I. Somov. Stroi. i dor. mash. 7 no. 8: 7-10 Ag '62.
Roller for rolling slopes. I. I. Lipkin. Stroi. i dor. mash. 7 no. 8:21 Ag '62.
Rollers on pneumatic tires. IU. M. Vasil'ev, N. IA. Kharkhuta. Stroi. i dor. mash. 7 no. 8:11-12 Ag '62
A tractor driven land roller utilizing the weight of the tractor. M. K. Kopylov. Trakt i sel'khozmash. 32 no. 10:47-48 O '62.
ROLLING (METALWORK)
Adoption and the industrial production of coiled tinned steel sheet having a thickness of 0.20 mm. V. A. Gamershtein, V. T. Tilik. Met. i gornorud. prom. no. 4: 74-76 Jl-Ag '62.
Automatic control of ingots for rolling mills. V. V. Kozhevnikov. Mekh. i avtom. proizv. 16 no. 8:22 Ag '62.
Automatic laying-out of rolled stock. V. I. Loskutov. Mekh. i avtom. proizv. 16 no. 9:13-17 S '62.
Bogachev, A. M., and R. V. Liambakh. [Equipment for the automatic control of the dimensions of rolled products] Pribory avtomaticheskogo kontrolia razmerov prokata. Moskva, Gosenergoizdat, 1962. 111 p. (Biblioteka po avtomatike, no. 57)
Calculating the length of the deformation area during cold sheet rolling. E. T. Malykh. Izv. vys. ucheb zav.: chern. met. 5 no. 8:77-78 '62.
Calculating unit pressures in rolling. V. A. Nikolaev Izv. vys. ucheb. zav., chern. met 5 no. 8:88-97 '62.
Changes in the technology of angle rolling on continuous small shape mills. P. F. Datsenko. Met. i gornorud. prom. no. 4:83-84 Jl-Ag '62.
Determination of metal economy. N. P. Skriabin, B. V. Merekin, V. D. Korshchikov. Metallurg 7 no. 8:27-29 Ag '62.
Effect of external parts on the widening and specific pressures during longitudinal rolling and upsetting. P. I. Polukhin, V. A. Masterov, G. IA. Gun. Izv. vys. ucheb. zav.: chern. met. 5 no. 8:57-61 '62.
Expanded finishing groove in the rolling of channel No. 10. B. M. Iliukovich, A. N. Skorokhodov. Metallurg 7 no. 8: 23-24 Ag '62.
Gromov, N. P., ed. [Rolling practice and pipe manufacture] Prokatnoe i trubnoe proizvodstvo; sbornik statei. Moskva, Metallurgizdat, 1958. 304 p. (Prilozhenie k zhurnalu "Stal' ")
Investigating the stress condition in rolling high ingots. P. I. Polukhin, V. K. Vorontsov. Izv. vys. ucheb. zav.: chern. met. 5 no. 8:79-86 '62.
Manufacture of grinding balls at the "Azovstal'" Plant. N. P. Dlubin and others. Met. i gornorud. prom. no. 4: 77-81 Jl-Ag '62.
Optima conditions of rolling on blooming mills in connection with high deformations over ingot cross sections. V. A. IAshchenko. Met. i gornorud. prom. no. 3 19-29 My-Je '62
Rolling helical threads with rolls on thread-rolling machines. N. N. Kaptsev. Mashinostroenie no. 4:27-30 Jl-Ag '62
Rolling of H-beams with free widening. I. IA. Tarnovskii, A. N. Skorokhodov Izv. vys. ucheb. zav., chern. met. 5 no. 8 52-58 '62
Rolling of tire ring shapes. B. M. Iliukovich, A. N. Skorokhodov. Metallurg 7 no. 9:19-20 S '62.
ROLLING MILLS
(see also subdivision under Italy; Novokuznetsk, United States)
Adjustment of roller boxes. V. T. Khudik, P. M. Manusov. Metallurg 7 no. 9:22-24 S '62.
Automatic stopping of reversing mills. E. G. Skuratov. Mekh. i avtom. proizv 16 no. 8:21-22 Ag '62
Heat treatment of plate steel on the 2800 mill. V. I. Rospasienko, V. P. Kulikov. Met. i gornorud. prom no. 4:35-41 Jl-Ag '62.
New combination rolling mill. V. V. Nemirushchii. Met. i gornorud. prom. no. 4:32-35 Jl-Ag '62.
Operation of small-shape continuous rolling mills. N. V. Litovchenko. Metallurg 7 no. 9:28-31 S '62.
Tret'iakov, A. V. [Cold-rolling mill potentialities] Rezervy stanov kholodnoi prokatki. Sverdlovsk, Metallurgizdat, 1962. 197 p.
ROLLING MILLS—ELECTRIC DRIVING
Kunitskii, N. P. [Electronic excitation of the generators and motors of reversing mills] Ionnoe vozbuzhdenie generatorov i dvigatelei reversivnykh prokatnykh stanov. Moskva, Gosenergoizdat, 1962. 100 p. (Biblioteka po avtomatike, no. 54)
ROLLING MILLS—QUALITY CONTROL
Without a Department of Technical Control. P. Evseev. Metallurg 7 no. 9:24 S '62.
ROLLING MILLS—SAFETY APPLIANCES
Protecting rolling mills from overloading. V. S. Artukh. Met. i gornorud prom no. 3.29-36 My-Je '62.
ROLLS (IRON MILLS)
Improving roll grooving on the 550 mill. V. S. Borkovskii P. M. Avrunin. Metallurg 7 no. 10:7-11 O '62.
Rolling mills need new rolls [with summary in English]. A. S. Beshlyk. Nauch. trudy Inst. Mi. protsv AN UkSSR 11:58-64 '62.
ROMANOVICH, PAVEL ROMANOVICH, 1930-
Song above the planet. A. Gribachenko. Sov. voin 44 no. 10:2-3 O '62.
ROMANOVSKII, GENNADII DANILOVICH, 1830-1900
[G. D. Romanovskii; collected documents] G. D. Romanovskii; sbornik dokumentov. Tashkent, Gos. Izd-vo Uzbek. SSR, 1961. 298 p. (Russkie uchenye-issledovateli Srednei Azii, vol. 4)
ROMASHKINO REGION—OIL RESERVOIR ENGINEERING
Characteristics of the displacement of water-oil boundaries and water injection line in strata of the D1 horizon of the Romashkino oil field. I. P. Cholovskii, N. P. Kinzikeeva. Geol. nefti i gaza 6 no. 8:9:13 Ag '62.
Detailed investigation of Devonian oil pools being prepared for development in areas adjacent to the Romashkino field. N. K. Grinzvov, O. T. Voronova. Nauch. tekh. sbor. po dob. nefti no. 1:53-57 '58.
ROMASHKINO REGION—PETROLEUM GEOLOGY
Stratigraphic and lithologic correlation of the productive Devonian sediments in the Elabuga, Akhtash, and Aznakayevo areas of the Tatar A. S. S. R. A. N. Petrovskaia, L. N. Egorova, T. P. Varfolomeeva. Nauch. tekh. sbor. po dob. nefti no. 1:53-61 '58.
ROME—CATHOLIC CHURCH
Giuseppe Garibaldi and papism. N. Liubovich. Nauka i rel. no. 6:85-86 Je '62.
ROOFING
Use of fiberglass to make roofing materials. I. Baranov-skyi, V. Konstantynov. Bud. mat. i konstr. 4 no. 2: 31-32 Mr-Ap '62.
We improve techniques for the production of corrugated roofing sheets. I. Fursenko. Stil'. bud. 12 no. 8:16 Ag '62.
ROOFING—TESTING
The functioning of prestressed multi-ribbed and composi roof slabs subject to flexure. F. E. Gitman, V. G. Olim piev. Trudy NIIZHB no. 27:84-102 '62.
ROOFING, CONCRETE
Manufacture of roof channel slabs in reinforced concrete dies. G. V. Pikhal, A. G Pintkovskii. Bet. i zhel.-bet. 8 no. 8:366-368 Ag '62.
ROOFS
(see also subdivision under Siberia)
Adjustable tent-like cover. A. S. Dubovskii. Stroi. i arkhit. Len. 24 no. 2:32-33 F '62.
Effect of moisture balance on build-up, unventilated roo A. Skanavi. Stroi. i arkhit. Mosk. 17 no. 9:15-17 S '6

ROOFS, SHELL

Assembling shells of double curvature. S G Skvortsov Stroi. i arkhit. Len. 24 no. 7:14-17 Jl '62.

Barrel-type two-ply shells and roofs S. P Chaburin, M. A Geifman. Stroi. i arkhit. Len 24 no 7:16-17 Jl '62.

Large-panel shells assembled without scaffolding. B. V. Gorenshtein, G. G. Vinogradov. Stroi. i arkhit. Len 24 no. 7:17-19 Jl '62.

Prestressed slabs or shells for the roofs of industrial buildings. IU. Beletskii. Prom. stroi. i inzh. soor. 4 no. 4 16-19 Jl-Ag '62.

Reinforced concrete shells from factory-made elements Stroi. i arkhit. Len. 24 no. 2:40 F '62.

Single-ply shells with two-way curvature. A. V. Shapiro Stroi. i arkhit Len. 24 no. 7:8-10 Jl '62.

ROOTS (BOTANY)

Effect of soil temperature on the respiration and the activity of oxidative root enzymes of cold-resistant and thermophilic plants [with summary in English]. A. I. Korovin, T. A. Barskaia. Fiziol. rast. 9 no. 4: 415-418 '62.

Effect of the density of plantation on the development of the root system in corn [with summaries in English, German, and French]. V. S. Sokolov. Vest. sel'khoz. nauki 7 no. 8:31-33 Ag '62.

Some physiological characteristics of the root system of rice under various conditions of mineral nutrition. N. N. Kharanian. Fiziol. rast. 9 no. 4 486-492 '62.

Temperature and root growth [with summary in English] I. A. Muromtsev. Fiziol. rast. 9 no. 4:419-424 '62.

Temperature conditions of stony soils ("kira") and root growth of fruit trees [in Armenian with summary in Russian]. A. M. Kirakosian. Izv. Upr. sel'khoz. nauki Arm. SSR 5 no. 8:39-46 '62.

Vital activities of plant roots and conditions determining their absorption power; as exemplified by lemon and apple seedlings. E. V. Noskova. Uch. zap. Kuib. gos. ped. inst. no. 35:57-82 '61.

ROSEFISH see subdivision under Soviet Far East

ROSTOV—DECORATION AND ORNAMENT, ARCHITECTURAL

Ancient motives in the wood-carved house decoration in Rostov [with summary in English] G. K Vagner. Sov. etn. no. 1:34-45 Jl-Ag '62.

ROSTOV-ON-DON—AGRICULTURAL MACHINERY INDUSTRY

Innovations introduced by workers of the Krasnyi Aksai Plant. G. S. Barger, M. D. Mogilevskii. Mashinostroitel' no. 9:16-17 S '62.

Sorin, IU. N., ed. [Krasnyi Aksay; from the history of the M. V. Frunze Rostov Plant of Agricultural Machinery] Krasnyi Aksai; iz istorii Rostovskogo zavoda sel'skokhoziaistvennogo mashinostroeniia imeni M. V. Frunze. [Rostov-na-Donu] Rostovskoe knizhnoe izd-vo, 1962. 150 p. (Istorija fabrik i zavodov Dona)

ROSTOV-ON-DON—AGRICULTURAL MACHINERY INDUSTRY—TECHNOLOGICAL INNOVATIONS

Baranov, I. I., G. S. Lapshin, and V. I. Mishchenko. [How to organize work with efficiency promoters in an enterprise] Kak organizovat' rabotu s ratsionalizatorami na predpriiatii. [Moskva] Profizdat, 1962. 67 p.

ROSTOV-ON-DON—AUDITING AND INSPECTION

Analysis work performed by volunteers. G. Maksimenko. Bukhg. uchet 10 no. 7 33-36 Jl '62.

ROSTOV-ON-DON—CHILDREN—GROWTH

Physical development of children in nurseries in Rostov-on-Don. V. L. Mer'tinova. Vop. okh. mat. i det. 7 no. 8:66-69 Ag '62.

ROSTOV-ON-DON—COMBINES (AGRICULTURAL MACHINERY)

The "Rostov" Combine. Tekh. mol. 30 no. 9:10 '62.

ROSTOV-ON-DON—LIBRARIES, YOUNG PEOPLE'S

Party, we are with you! V. Veitsman. Bibliotekar' no. 9:48-50 S '62.

ROSTOV-ON-DON—MACHINERY INDUSTRY

Legalized whims. Izobr. i rats. no. 10:32 O '62.

ROSTOV-ON-DON—NOTARIES

A well-organized notarial office. N. Ivanov. Sov. iust. no. 19:24-25 O '62

ROSTOV-ON-DON—TAXICABS—MAINTENANCE AND REPAIR

Today it is an achievement of one brigade, and tomorrow of the whole unit. M. Mal'tsev, I. Pesenko, V. Fomenko. Avt. transp. 40 no. 9:8-10 S '62.

ROSTOV-ON-DON—THEATER

"Wolves and sheep." N. Morozova. Teatr 23 no. 8: 104-105 Ag '62.

ROSTOV-ON-DON—WOODWORKING INDUSTRIES—TECHNOLOGICAL INNOVATIONS

New developments in the woodworking industries of Rostov-on-Don. B. K. Lakatosh. Der. prom. 11 no. 10:21-22 O '62.

ROSTOV PROVINCE—ACCOUNTING

Improve the organization of accounting in enterprises in every way possible. S Litovko. Bukhg uchet 19 no. 7: 36-38 Jl '62.

ROSTOV PROVINCE—CALVES—DISEASES AND PESTS

Bronchopneumonias in calves in Rostov Province. V. K Parakin. Trudy Rost. NIVS no 12:153-156 '60.

Diagnosis and distribution of vibriosis in cattle in Rostov Province. L. V. Genika. Trudy Rost. NIVS no. 12:198-200 '60.

Organization of measures for eliminating trichomoniasis of cattle on Rostov Province farms. L. V. Genika Trudy Rost. NIVS no. 12:179-187 '60.

ROSTOV PROVINCE—CESTODA

New species of Cestoda of the genus Diorchis Clerc, 1903 in domestic ducks in Rostov Province S. A Azhinov. Trudy Rost. NIVS no. 12:287-292 '60

ROSTOV PROVINCE—COAL PREPARATION

Letter without answer. G. Sorokina. Izobr. i rats. no. 8: 16 Ag '62.

ROSTOV PROVINCE—COWS—DISEASES AND PESTS

Causes of barrenness in cows in Rostov Province and the ways for eliminating it. L. V Genika. Trudy Rost NIVS no. 12:171-178 '60.

ROSTOV PROVINCE—GAS, NATURAL—GEOLOGY

Immediate problems of prospecting for oil and gas in the eastern trough of the Donets Basin. IU. A. Sudarikov. Sov geol. 5 no. 8:144-151 Ag '62

ROSTOV PROVINCE—HYDATIDS

Epizootiology of echinococcosis and coenurosis in Rostov Province and the basic ways of eliminating them. S A Azhinov. Trudy Rost. NIVS no. 12:249-252 '60

Role of susliks in the spread of echinococcosis in Rostov Province. S. A. Azhinov, G. S. Khrapov. Trudy Rost NIVS no. 12:251-255 '60.

ROSTOV PROVINCE—LAMBS

Significance of sheds for shade in the raising and care of lambs under the conditions of an arid steppe zone. V K Parakin. Trudy Rost. NIVS no. 12:143-152 '60.

ROSTOV PROVINCE—LAMBS—DISEASES AND PESTS

Study of the etiology and pathogenesis of pneumonias in lambs in a southern steppe zone. V. K. Parakin. Trudy Rost. NIVS no. 12:96-113 '60.

ROSTOV PROVINCE—LEPTOSPIROSIS

Leptospirosis of swine in Rostov Province. V. I. Degtiarev Trudy Rost. NIVS no 12:60-77 '60

ROSTOV PROVINCE—OLD-AGE HOMES

Secure old age L Ryzhov. Sots. obesp. 23 no. 7:36-39 Jl '62.

ROSTOV PROVINCE—PARASITES—DUCKS

Helminthi. fauna in domestic ducks in Rostov Province. S. A. Azhinov. Trudy Rost. NIVS no. 12:293-298 '60

New species of Cestoda of the genus Diorchis Clerc, 1903 in domestic ducks in Rostov Province. S. A. Azhinov Trudy Rost. NIVS no. 12:287-292 '60.

ROSTOV PROVINCE—PETROLEUM GEOLOGY

Immediate problems of prospecting for oil and gas in the eastern trough of the Donets Basin. IU A Sudarikov. Sov. geol 5 no 8:141-151 Ag '62

ROSTOV PROVINCE—SHEEP—DISEASES AND PESTS

Role of external environmental conditions and factors in the etiology of mastitis in sheep. V G. Romanenko. Trudy Rost. NIVS no. 12:123-130 '60.

Use of tissue biostimulators at "Proletarskii" state sheep breeding farm. N M. Svistunov. Trudy Rost NIVS no. 12:208-209 '60.

ROSTOV PROVINCE—SUSLIKS AS CARRIERS OF DISEASE

Role of suslike in the spread of echinococcosis in Rostov Province. S. A. Azhinov, G. S. Khrapov. Trudy Rost. NIVS no. 12:253-256 '60.

ROSTOV PROVINCE—SWINE—DISEASES AND PESTS

Leptospirosis of swine in Rostov Province. V. I. Degtiarev. Trudy Rost NIVS no 12 60-77 '60

ROSTOV PROVINCE—VETERINARY PARASITOLOGY

Epizootiology of echinococcosis and coenurosis in Rostov Province and the basic ways of eliminating them. S A Azhinov. Trudy Rost. NIVS no. 12:249-252 '60.

ROSTOV PROVINCE—WHEAT—VARIETIES

Strong winter wheats in Rostov Province. I. G. Kalinenko, L. N. Chorba, N. P. Goriachov. Zemledelie 24 no. 8: 38-41 Ag '62.

ROSTOV PROVINCE—WORMS, INTESTINAL AND PARASITIC

Helminthic fauna in domestic ducks in Rostov Province. S. A. Azhinov. Trudy Rost. NIVS no. 12:293-298 '60.

ROTARY KILNS see Kilns, Rotary

ROTATION OF CROPS

(see also subdivision under Kazakhstan; Kemerovo Province; Polesye; Siberia, Eastern; Tambov Province; Ukraine)

Dynamics of soil moisture in crop rotation. I. N. Zakharchenko, O. D. Hlushchenko. Nauk. pratsi Ukr. nauk.-dosl. inst. zem. 11:91-99 '61.

Effect of fertilizers on the yield of peas as predecessors to winter wheat in the forest-steppe. O. P. Didychenko, M. A. Rozhon. Nauk. pratsi Ukr. nauk.-dosl. inst. zem. 11:23-27 '61.

Effect of some predecessors on the yield of winter crops in the Ukrainian Polesye. U. P. Semi'anova, V. F. Buchneieva. Nauk. pratsi Ukr. nauk.-dosl. inst. zem. 11 9-13 '61.

Effect of the place of fiber flax in crop rotation on the moisture and nutrition conditions in the flax field. V. I. Martunenko. Nauk. pratsi Ukr. nauk.-dosl. inst. zem. 11:39-47 '61.

Effectiveness and duration of the action of farm manure in field crop rotations in the forest-steppe. O. P. Diduchenko. Nauk. pratsi Ukr. nauk.-dosl. inst. zem. 11:105-110 '61.

Productivity of perennial grasses in pure and mixed seedings and their effect on the yield and quality of the successor crop in crop rotation. V. M. Rybak. Nauk. pratsi Ukr. nauk.-dosl. inst. zem. 11 70-75 '61.

Rotation of crops in Kalinovka. D. E. Vanin, M. D. Romanko. Zemledelie 24 no. 8 28-32 Ag '62

Vorob'ev, S. A. [Intensive farming systems and rotation of crops] Intensivnye sistemy zemledeliia i sevooboroty. Moskva, Izd-vo "Znanie," 1962 44 p (Narodnyi universitet kul'tury: Sel'skokhoziaistvennyi fakul'tet, no. 8)

ROUSSEAU, JEAN JACQUES, 1712-1778

Great educator and democrat. T. Sharonova. Nar. obr. no. 6:82-84 Je '62.

Two-hundred fiftieth anniversary of J. J. Rousseau's birth. Vest AN SSSR 32 no. 6:147-148 S '62.

ROVNO PROVINCE—FIELD CROPS

Industrial crops in Volyn' and Rovno Provinces, Ukrainian S.S.R. A. Borysenko, M. Platun. Ekon. Rad. Ukr. no. 5:53-56 S-O '62.

ROZMARIN, ROMAN, pseud. see Belei, Ivan, 1860-1920

RUBAKIN, NIKOLAI ALEKSANDROVICH, 1862-1946

Prominent popularizer of science and bibliographer, 100th anniversary of N. A Rubakin's birth S I. Smuglyi Priroda 51 no. 7:89-91 Jl '62.

RUBBER

Rubber conducting electricity. A. Gertsenshtein. Izobr. i rats. no. 8 14 Ag '62.

RUBBER, RECLAIMED

Tugov, I. I. [Problems in the utilization of worn-out tires, complete reclaiming by the swelling method and secondary use of polymer materials from worn-out tires] Problemy ispol'zovaniia iznoshennykh shin, kompleksnaia regeneratsiia metodom nabukhaniia i vtorichnoe ispol'zovanie polimernykh materialov iz iznoshennykh shin. Moskva, Rostekhizdat, 1962. 368 p.

RUBBER INDUSTRY

Trend in the development of rubber manufacture in capitalist countries. G. F. Borisovich. Khim prom no. 8:615-620 Ag '62.

RUBBER RESEARCH

Busy life. B. Antishin. Komsom. zhizn' no. 15:18-20 Ag '62.

RUBIDIUM—OPTICAL PROPERTIES

Optical orientation of rubidium isotopes. E. B. Aleksandrov. Opt. i spektr. 13 no. 3, 453-454 S '62.

RUBIES

Effect of cross-relaxation on population inversion in ruby [with summary in English]. D. N Klyshko, V. S. Tumanov, L. A. Ushakova. Zhur. eksp i teor. fiz. 43 no 1:25-30 Jl '62

RUBRAX

Preparation of rubrax from Bulgarian asphaltum oil. M. M. Gerasimov, K. P. Kaishev, Kh. D. Lambiev. Khim. i tekh. topl. i masel. 7 no. 7:30-33 Jl '62.

RUBTSOVSK—TRACTOR INDUSTRY

Determining the number of adjusters. S. Miroshnichenko. Sots. trud 7 no. 9:104-106 S '62.

RUDNYY—CITY PLANNING

Rudnyy, a city of the Virgin Territory. A. M. Kulin, A. I. Tarantul. Stroi. i arkhit. Len. 24 no. 7:26-31 Jl '62.

RUDNYY—CONSTRUCTION WORKERS

Kairke Burkutov and his disciples. P. Osadchii. Part. zhizn' Kazakh. 32 no. 9:67-69 S '62.

RUDNYY (KAZAKHSTAN)—MINING ENGINEERING—TECHNOLOGICAL INNOVATIONS

Economical use of technology. Part. zhizn' no. 19:45-48 O '62.

RUGS AND CARPETS see subdivision under Semirech'ye

RUGS AND CARPETS, UKRAINIAN

Ukrainian carpets with geometrical patterns from the period before the October Revolution. A. K. Zhuk. Nar. tvor. ta etn. 6 no. 1:59-65 Ja-Mr '62.

RUMANIA—AERONAUTICS IN GEOLOGY

Studies in the course "Use of aerial photographs in geological mapping" carried out in the Rumanian People's Republic, IU.A. Zaitsev. Vest. Mosk. un. Ser. 4:Geol. 17 no. 1,77-78 Ja-Ag '62.

RUMANIA—AERONAUTICS, COMMERICIAL

The commercial air fleet of the Rumanian People's Republic. I.Stenescu. Grazhd.av. 12:35-37 N '55.

RUMANIA—COMMERCE

Edifice of socialism grows up on Rumanian soil. V.Grebennikov. Vnesh.torg. 42 no.8 15-16 '62

RUMANIA—COMMERCE—RUSSIA

From the history of Russo-Rumanian trade relations, 1860-1875. D.E. Chertan. Izv.AN Mold.SSR no.1 18-36 '62

RUMANIA—ECONOMIC CONDITIONS

Edifice of socialism grows up on Rumanian soil. V.Grebennikov. Vnesh.torg. 42 no.8 15-16 '62

Socialist countries as seen by a western socialist. Konni Zilliacus. Nov.vrem. 20 no.43 21-22 O '62.

RUMANIA—ORTHODOX EASTERN CHURCH—PERIODICALS

"Studii Teologice" ("Bogoslovskie issledovaniia"), journal of the theological institutes of the Rumanian Patriarchate, nos.1-2,1961. Reviewed by V.Vladimirov. Zhur.Mosk.Pat. no.8:79-80 Ag '62.

RUMANIA—PHARMACOPOEIAS

"Rumanian medicaments" [in Rumanian] Reviewed by E.M.Sheinbaum. Med.prom. 16 no.7 64 Jl '62

RUMANIA—PIPE, ASBESTOS-CEMENT

Concrete heating devices with asbestos-cement pipe. B.Popa and others. Vod.i san.tekh. no.7:29-31 Jl '62.

RUMANIA—RADIANT HEATING

Concrete heating devices with asbestos-cement pipe. B.Popa and others. Vod.i san.tekh. no.7 29-31 Jl '62.

RUMANIA—STONE AGE

Studying the Paleolithic period in Rumania. K.S. Nicolaescu-Plopor. Sov.arkheol. 6 no.3,116-113 '62.

RUMANIA—VENEREOLOGY

Supplement to my article, "Account of a trip to the Rumanian People's Republic." P.V.Lozhevnikov. Vest. derm.i ven. no.6:75-76 '62.

RUMEN

Studying lipolysis and the unsaturation degree of "crude" fat in the rumen of calves [with summary in English]. P.I.Zherebtsov, A.I.Solomtsev. Izv.TSKHA no.2: 211-217 '62.

RUNNING

Psychological characteristics of volitional actions in overcoming the difficulties during the finish of 500 and 800 m. races. G.B.Meikson. Probl.psikhol.sporta no.2:241-247 '62.

Training of the will for middle distance running. IU.G. Travin. Probl.psikhol.sporta no.2:234-240 '62.

RUNOFF

(see also subdivision under Dnieper Valley; Kiev Economic region, Kuban Valley; Soviet Central Asia; Ural Mountain region)

Influence of a forest on the maximum runoff of a spring flood. A.A.Sokolov. Trudy GGI no.99:79-140 '62.

Interaction of flows in the main river bed and the flood plain. I.P.Spitsyn. Meteor.i gidrol. no.10:22-27 O '62.

Moscow. Universitet. Geograficheskii fakul'tet. [Erosion and runoff] Voprosy erozii i stoka. Pod red. B.P.Orlova, I.S.Shchukina. [Moskva] Izd-vo Mosk. univ. 1962. 256 p.

Natural transformation of river flood discharge and its determination. O.I.Semtian. Geog.zbir. no.6:130-135 '62.

Using nomograms in the absence of hydrometric observations to calculate maximum discharges of water. G.A. Alekseev. Trudy GGI no.99:3-78 '62.

RURAL EDUCATION see Education, Rural

RURAL ELECTRIFICATION

Rural schools and electrification. F.Baikov. Nar.obr. no.10:58-59 O '62.

RURAL ELECTRIFICATION—SAFETY MEASURES

Lobanov, V.N. [Safety measures in work on rural electric power systems] Tekhnika bezopasnosti pri rabote na sel'skikh elektroustanovkakh. Moskva, Profizdat, 1962. 67 p.

RURAL LIBRARIES

(see also subdivision under Krichev District; Tyumen' Province)

After the example of the people of Kochubeyev. A.Konakh, N.Dubrovin. Bibliotekar' no.10:11-12 O '62.

In contact with territorial departments. S.Khaliava. Bibliotekar' no.10:14-15 O '62.

Using various methods. G.IArtseva, A.Makarova. Bibliotekar' no.10:13-14 O '62.

RURAL PLANNING

(see also subdivision under Khomutovka District; Novovasil'yevka; Virgin Territory)

Contribution of an institute to rural building. I.S. Dotsenko, I.S.Lobada. Vest.vys.shkoly 20 no.8 77-78 Ag '62

Some problems of land utilization in connection with the regional planning of agricultural areas. V.S.Shamonaev. Trudy MIIZ no.14:53-60 '61.

RURAL SCHOOLS

(see also subdivision under Gorkiy Province, Penza Province, Tatar A.S.S.R.)

In the Bobry rural school. TS.P.Leitman. Vech.shred. shkola 5 no.3:47-48 My-Je '62.

On the "Znamia Kommunizma" Collective Farm. L.F. Pashkevich, N.G.Ganseiskii. Vech.shred.shkola 5 no.3:54-55 My-Je '62.

School in Brodokalmak. G.A.Efros. Vech.shred.shkola 5 no.3:45-47 My-Je '62.

Youth masters knowledge. L.T.Nerubaiskii. Vech. shred.shkola 5 no.3:43-45 My-Je '62.

RUSSIA see Union of Soviet Socialist Republics

RUSSIA—AIR FORCE

Flag crews should maintain order in the airfields. S.Komarov. Komm.Vooruzh.Sil 3 no.19:60-63 O '62.

Strict discipline ensures our military preparedness. I.Ivanov. Komm.Vooruzh.Sil 3 no.19,73-75 O '62.

RUSSIA—AIR FORCE—SPORTS

Physical education of flight crews is an important problem. G.Smirnov. Komm.Vooruzh.Sil 3 no.19 66-69 O '62.

RUSSIA—ARMED FORCES

Always on the alert. Sov.voin 44 no.19:1 O '62.

From the editor's mail. Komm.Vooruzh.Sil 3 no.19 70-72 O '62.

We should resolutely carry out the policy of the Communist Party in the Armed Forces. A.Lipishev. Komm. Vooruzh.Sil 3 no.19,7-15 O '62.

RUSSIA—ARMED FORCES—POLITICAL ACTIVITY

Brief news of party and political work. Komm.Vooruzh. Sil 3 no.19 95-96 O '62.

RUSSIA—ARMY

"Sentinels of the motherland" by A.S.Sgibnev. Reviewed by A.Pavlov. Voen.znan. 38 no.9:39 S '62.

The strength of the soldier lies in skill. P.Aleksandrov. Voen.znan. 38 no.9,12-13 S '62.

RUSSIA—ARMY—ARTILLERY

Artillerymen are the faithful sons of our motherland; on "Artillery Day." P. Samsonov. Agitator no.20:31-33 O '62.

Development of Russian artillery in the first quarter of the 18th century. E.E.Kolosov. Sbor.dokl.Voen.ist. sek. no.3:98-115 '60

The tactic of Russian field artillery during the Russo-Turkish War of 1768-1774. A.G.Shablovskii. Sbor. dokl.Voen.ist.sek. no.3,116-136 '60.

RUSSIA—ARMY—INSIGNIA

Red Guards chest insignia No.1443. Voen.znan. 38 no.9:17 S '62.

RUSSIA—ARMY—OFFICERS

Lokshin, V.S., comp. [Heroes of peaceful days; sketches] Geroi mirnykh dnei; ocherki. Moskva, Voen. izd-vo.
Vol.2 1961.
(NNC)

RUSSIA—ARMY—POLITICAL ACTIVITY

A private who is the secretary of a local organization of the Communist Youth League. V.Varenov. Komm. Vooruzh.Sil 3 no.10,76-78 O '62.

How to get servicemen interested in political studies. Komm.Vooruzh.Sil 3 no.19:93-94 O '62.

Needless correspondence and meetings instead of organizational work. P.Mavrin. Komm.Vooruzh.Sil 3 no.19 63-66 O '62.

We should lend our assistance to propagandists and guide their work. A.Zolotukhin. Komm.Vooruzh.Sil 3 no.19:53-55 O '62.

RUSSIA—ARMY—TRANSPORTATION

Early history of automobile and tractor transportation in the Russian Army. L.N.Punin. Sbor.dokl.Voen.ist. sek. no.3:47-61 '60.

RUSSIA—ASTRONAUTICS—BIBLIOGRAPHY

What to read about the conquest of space. Polit.samoobr. 8 no.9:13-14 S '62.

RUSSIA—CENSUS

Practice in using the improved tabulating and sorting machines for processing the results of the All-Union 1959 population census. K.Kriushin. Vest.stat. no.9: 55-58 '62.

RUSSIA—COMMERCE

By railroads to foreign lands. IU.Siurin. Vnesh.torg 42 no.8 22-23 '62

History of Russian internal trade in the late 18th and the first quarter of the 19th century. A.I.Tarusov. Uch.zap.GGU 41 no.4:3-57 '60

In the Board of Directors of the State Bank of the U.S.S.R. Den.i kred. 20 no.8:92-93 Ag '62.

[Mechaization of accounting and calculating work in commerce, collected articles on exchange of practice] Mekhanizatsiia ucheta i vychislitel'nykh rabot v torgovle, sbornik statei po obmenu opytom. Moskva, Gostorgizdat, 1962. 78 p.

RUSSIA—COMMERCE—CUBA

"Trade ties between Cuba and U.S.S.R. develop and get stronger." R.Maldonado. Vnesh.torg 42 no.8 24-25 '62

RUSSIA—COMMERCE—EGYPT

New step in the development of business connections between the U.S.S.R. and the United Arab Republic. Vnesh.torg 42 no.8 19 '62

Our interviews. Vnesh.torg 42 no.9 33-35 '62

RUSSIA—COMMERCE—HUNGARY

Soviet-Hungarian trade develops successfully [with English summary in appendix] M.Kadala. Vnesh. torg 42 no.8 7-10 '62

RUSSIA—COMMERCE—INDONESIA

On the basis of mutual benefit. P.Petrov. Vnesh.torg 12 no.8-10-11 '62

RUSSIA—COMMERCE—ITALY

Our interviews. Vnesh.torg. 42 no.9 33-35 '62.

RUSSIA—COMMERCE—JAPAN

Biggest-ever order for Japanese shipyards, interview with M.A.Mikulin. Nov.vrem. 20 no.10 22 O '62.

RUSSIA—COMMERCE—RUMANIA

From the history of Russo-Rumanian trade relations, 1860-1875. D.E.Chertan. Izv.AN Mold.SSR no.1 18-36 '62.

RUSSIA—COMMUNIST PARTY see Communist Party of the Soviet Union

RUSSIA—CONSPIRACY OF DECEMBER, 1825—BIBLIOGRAPHY

"The Conspiracy of December, 1825; a bibliographic list of studies published in 1928-1959." Reviewed by P.IA Bukshpan. Ist.SSSR 6 no.5:181-183 S-O '62

RUSSIA—CONSTITUTION

Russia (1923- U.S.S.R. Constitution. [Constitution (fundamental law) of the Union of Soviet Socialist Republics, with amendments adopted at the first session of the Sixth Supreme Soviet of the U.S.S.R.] Konstitutsiia (osnovnoi zakon) Soiuza Sovetskikh Sotsialisticheskikh Respublik, s izmeneniiami i dopolneniiami, prinialymi na pervoi sessii Verkhovnogo Soveta SSSR, shestogo sozyva. Moskva, Izd-vo "Izvestiia Sovetov deputatov trudiashchikhsia SSSR," 1962. 31 p.

RUSSIA—CULTURE

Kumanev, V.A. [Toward the apex of culture; how the CPSU has struggled for the further development of Soviet culture] K vershinam kul'tury; KPSS v bor'be za dal'neishii rastsvet kul'tury, 1956-1961. Moskva, Izd-vo "Znanie," 1962. 31 p. (Novoe v zhizni, nauke, tekhnike. I Seriia Istoriia, no.18)

Likhachev, D.S. [Culture of Russia at the time of Andrei Rublev and Epifanii Premudryi; the end of the 14th and beginning of the 15th century.] Kul'tura Rusi vremeni Andreia Rubleva i Epifaniia Premudrogo, konets XIV - nachalo XV v. Moskva, Izd-vo Akad. nauk SSSR, 1962. 171 p. (Akademiia nauk SSSR Nauchno-populiarnaia serila)

RUSSIA—CZECHS

History of Czechoslovak political organizations in Russia, 1914-February 1917. A.Kh.Klevanskii. Uch.zap. Inst.slav. 25:50-102 '62.

RUSSIA—DIPLOMATIC AND CONSULAR SERVICE

Diplomatic relations between the Soviet Union and other states. Mezhdunar.zhizn' 8 no.10:146-149 O '62.

RUSSIA—ECONOMIC CONDITIONS

From the Great October Revolution to the triumph of communism. Kommunist 38 no.15:3-10 O '62.

The horizons of communism. K.Zarodov. Agitator no.20:3-8 O '62.

How we are carrying out the program of the building of communism, facts and figures. Part.zhizn' no.20: 52-56 O '62.

In the Soviet Union. Geog.v shkole 25 no.5:77-81 S-O '62.

"The Soviet economic system and Karl Marx" [in German] by G.Wagenlehner. Reviewed by O.I.Velichko. Ist. SSSR 6 no.5:225-228 S-O '62.

RUSSIA—ECONOMIC GEOGRAPHY see Geography, Economic

RUSSIA—ECONOMIC POLICY

Akademiia nauk SSSR. Institut ekonomiki. [Building the foundation of a socialist economy in the U. S. S. R., 1926-1932] Postroenie fundamenta sotsialisticheskoi ekonomiki v SSSR, 1926-1932 gg. Moskva, Izd-vo Akad. nauk SSSR, 1960. 573 p. (RPh)

The building of communism and planning. Plan.khoz. '62 no.10,1-15 O '62.

Building communism is the practical objective of the party and the Soviet people. B. Alekseev, S. Voronkov. Politi. samoobr. 6 no.9:103-120 S '62.

Golovanov, IA. K., and V. V. Orlov. [Great figures of a great plan] Velikie liudi velikogo plana. Moskva, Sovetskaia Rossiia, 1962. 62 p.

A historic landmark; anniversary of the 22d Congress of the CPSU. V. Zagladin. Nov.vrem. 20 no.43:4-7 O '62.

Lokshin, L. IU. [Main economic problem of the party and the people] Glavnaia ekonomicheskaia zadacha partii i naroda. Moskva, Izd-vo "Znanie," 1962. 30 p. (Novoe v zhizni, nauke, tekhnike. III Seriia: Ekonomika, no.10)

Nikolaeva, T. N. [Toward the highest standard of living] K samomu vysokomu zhiznennomu urovniu. Moskva, Gospolitizdat, 1962. 53 p. (V pomoshch' lektoru-shchiku materialy XXII s"ezda KPSS)

Program of studies of the bases of the domestic and foreign policies of the Communist Party of the Soviet Union. Politi. samoobr. 6 no.9:130-135 S '62.

Prospects for the development and distribution of the national economy of the U.S.S.R. according to the materials of the 22d Congress of the CPSU in 1960-1980. O. U. Bukhgol'ts. Geog. v shkole 25 no.5:2-7 S-O '62.

Tsoglov, N. I. [What changes take place on the map of our economy] Kak menialas'ia karta nashei ekonomiki. Moskva, Izd-vo "Znanie," 1962. 34 p. (Novoe v zhizni, nauke, tekhnike. XII Seriia: Geologiia i geografiia, no.12)

Ways for improving planning and introducing the achievements of science and technology. A. Pliner. Plan.khoz. 39 no.10:44-53 O '62.

RUSSIA—FEBRUARY REVOLUTION, 1917

Militavskii, I. I. [Downfall of the "two-headed" eagle Padenie dvuglavogo orla. Moskva, Gospolitizdat, 1962. 77 p. (Stranitsy istorii Sovetskoi Rodiny)

RUSSIA—FOREIGN ECONOMIC RELATIONS

Anapetian, M. E., and L. A. Oulkov. [Economics and foreign policy] Ekonomika i vneshniaia politika. Moskva, Izd-vo "Znanie," 1962. 40 p. (Novoe v zhizni, nauke, tekhnike. VII Seriia: Mezhdunarodnaia, no.16)

RUSSIA—FOREIGN ECONOMIC RELATIONS—CEYLON

Attack on the jungle. A. Matiushin. Az. i Afr. seg. no.9: 56-57 S '62.

RUSSIA—FOREIGN RELATIONS

Bourgeois historiography and the problem of peaceful coexistence [with summary in English, p. 718] V. A. Shishkin. Vop. ist. no.9:3-21 S '62

How the ideologists of the bourgeoisie distort the principle of peaceful coexistence. L. M. Ivanova. Sov. gos. i pravo 32 no.10:96-105 O '62.

[illegible] evening universities of Marxism-Leninism] Programma kursa "Mezhdunarodnye otnosheniia i vneshniaia politika SSSR," 1917-1962 gg.; dlia vechernikh universitetov marksizma-leninizma. Moskva, Gospolitizdat, 1962. 30 p.

Program of the CPSU and study of the problems of international [illegible] M. Shishkin. [illegible]

RUSSIA—HISTORY

"Alexander III and the reform plan of Loris-Melikov" [in English] by Hans Heilbronner. Reviewed by V. A. Fedorov. Vop. ist. no.9:186-187 S '62

Aleksandrov, V. A., and V. I. Koreiskii, comps. [Readings on the history of the U. S. S. R., the 16th and 17th centuries] Khrestomatiia po istorii SSSR; XVI-XVII vv. Pod red. A. A. Zimina. Moskva, Sotsekgiz, 1962. 750 p.

Brief notes. Vop. ist. no.9:158-159 S '62.

A discussion of the colonial policy of the pre-revolutionary government and the national liberation movements of the peoples of the Russian Empire. O. V. Orlik. Ist. SSSR 6 no.5:213-245 S-O '62.

Early phase of the labor movement and the dissemination of Marxist ideas in Russia, 1883-1894; methodological advice for propagandists. Komm. Ukr. 36 no.8:64-66 S '62.

How the Russian officer Kuz'min-Karavaev and his friends tried to liberate the Polish revolutionary Sz. Konarski. V. G. Verzhbitskii. Uch. zap. Inst. slav. 25:257-270 '62.

A large society of propagandists, 1871-1874 (the "Chaikovskii Group"). N. A. Troitskii. Ist. SSSR 6 no.5:74-91 S-O '62.

The origin of Rus' [with summary in English, p. 220]. M. N. Tikhomirov. Vop. ist. no.9:40-42 S '62

Participation and role of navy personnel and engineers in the 1812 Patriotic War. F. Nesteruk. Rech. transp. 21 no.9:42-44 S '62.

Places associated with the historical march of the Russian Army in 1813. V. E. Shatoi. Vop. ist. no.9:201-208 S '62.

"Reforms of Ivan the Terrible; studies on Russian social, economic, and political history in the middle of the 16th century" by A. A. Zimin. Reviewed by V. B. Kobrin. Ist. SSSR 6 no.5:184-188 S-O '62.

Tarle, E. V. [Works in twelve volumes] Sochineniia v dvenadtsati tomakh. Moskva, Izd-vo Akad. nauk SSSR, Vol. 12. 1962. 534 p.

Tikhomirov, M. N. [Russia in the 16th century] Rossiia v XVI stoletii. Moskva, Izd-vo Akad. nauk SSSR, 1962. 592 p.

RUSSIA—HISTORY—STUDY AND TEACHING

The labor of the people is the basic aspect of teaching the history of U. S. S. R. T. S. Golubeva, L. S. Gellershtein. Nach. shkola 30 no.8:66-71 Ag '62.

The 22nd Congress of the CPSU and the education of Soviet history students. Ist. SSSR 6 no.5:3-16 S-O '62.

RUSSIA—INDUSTRIES

Achievements of the seven-year plan; facts and figures. Agitator no.20:37-38 O '62.

"The growth of industrial production in the Soviet Union" by G. Warren Nutter. Reviewed by S. Kheinman. Vop. ekon. no.9:82-89 S '62.

Readers relate, advise and criticize. Sov. profsoiuzy 18 no.18:32-33 S '62.

Serious and responsible topic. B. Ilenkin. Part. zhizn' no.19:76-77 O '62.

Special features of the reconstruction of Soviet industry, 1921-1925. L. B. Genkina. Ist. SSSR 6 no.5:45-73 S-O '62.

RUSSIA—INVASION OF 1812

The Don Cossacks in the Patriotic War of 1812 [with summary in English, p. 219]. A. P. Pronshtein, B. V. Chebotarev. Vop. ist. no.9:34-39 S '62

"The Home Guard in the Patriotic War of 1812; collected source materials." Reviewed by G. I. Volchenkov. Vop. ist. no.9:122-123 S '62

"The home guard in the Patriotic War of 1812," Re- [illegible] U. R. Klokman. Ist. SSSR 6 no.5:192 S-O

[illegible] [Moscow in 1812] Moskva v 1812 godu. [illegible], rabochii, 1962. 94 p.

[illegible] Guard in the Patriotic War of 1812 [illegible] in English, p. 219]. P. IA. Aleshkin, [illegible]. Vop. ist. no.9:22-33 S '62.

[illegible] S. Minaiko. Voen. znan. 38 no.9:7-8

[illegible] invincible. M. S. Vasil'eva. Nach. [illegible]:15-19 Ag '62.

[illegible] role of navy personnel and engineers [illegible] Patriotic War. F. Nesteruk. Rech. transp. [illegible] S '62.

[illegible] 1812. V. Strukov. Nach. shkola 30 [illegible] '62.

[illegible] of 1812 and the lessons of history. [illegible]m. Uz. 34 no.9 66-77 S '62.

[illegible] 1812; some results of research and the [illegible] investigations. L. G. Beskrovnyi. Vest. [illegible].9:97-103 S '62.

[illegible] stlemon] Nov.vrem. 20 no.43:3 O

[illegible] in the region crossed by the "Old Smo- [illegible] Na starol Smolenskoi doroge. Moskva, [illegible]. 70 p. (Gorofchesko proshloe nashei

[illegible] get this war. IA. Sadovski. Rab. i stal. S '62.

RUSSIA—INVASION OF 1812—MEDICAL AND SANITARY AFFAIRS

The year 1812. M. K. Kuz'min. Zdorov'e 8 no.9:4-5 S '62.

RUSSIA—LITERATURES

Search for talent. Vladimir Lidin. Vop. lit. 6 no.9 108-110 S '62

Trifonova, T. K. [Soviet literature of the 1930's] Sovetskaia literatura 30-kh godov. Moskva, Izd-vo "Znanie," 1962. 38 p. (Narodnyi universitet kul'tury. Fakul'tet literatury i iskusstva, no.8)

Young critics and literary scholars at work. G. Alibekova and others. Vop. lit. 6 no.9:241-256 S '62.

Zemskov, V. F. [Critical review; on lectures and brochures of some problems of Russian literature and the literatures of the peoples of the U. S. S. R.] Obzornaia retsenziia, na lektsii i broshiury po nekotorym voprosam russkoi literatury i literatury narodov SSSR. Moskva, Izd-vo "Znanie," 1962. 21 p. (V pomoshch' lektoru)

RUSSIA—MANUFACTURES

U. S. S. R. at the international exhibitions. A. Il'ina and others. Vnesh. torg. 42 no.9:36-39 '62

RUSSIA—MAPS

Russia (1923- U. S. S. R.) Glavnoe upravlenie geodezii i kartografii. [Atlas of the U. S. S. R.] Atlas SSSR. Moskva, 1962. 165 p.

RUSSIA—NAVY

Commendatory remarks summon us to new achievements. B. Korenev. Komm. Vooruzh. Sil 3 no.19:29-35 O '62.

Early phase of the development of automatic control in Russian naval artillery. N. F. Solov'ev. Sbor. dokl. Voen. ist. sek. no.3:36-46 '60.

From the fleet to art. I. Titov. Sov. voin 44 no.19:18 O '62.

Wonderful tradition. L. Smirnov. Sov. voin 44 no.19, 19 O '62.

RUSSIA—NAVY—BIBLIOGRAPHY

We always say: Aye-aye! G. Kholostiakov. Sov. voin 44 no.19:20 O '62.

RUSSIA—NAVY—POLITICAL ACTIVITY

The Lenin Communist League is a supporter of the Russian Navy. V. Dubakin. Komm. Vooruzh. Sil 3 no.19 16-20 O '62.

RUSSIA—POLITICS AND GOVERNMENT

All ways are open for our youth. IU. Paletskis. Mol. komm. no.8:3-7 Je '62.

Brief news of the work of the soviets. Sov. deput. trud. no.10:103-104 O '62.

Chyrko, V. A. [Ukrainian movement for the unification of Soviet peoples and the establishment of the U. S. S. R.] Ob'ednavchyi rukh na Ukraini za stvorennia Soiuzu RSR. Kyiv, Derzh. vyd-vo polit. lit-ry URSR, 1954. 151 p. (WaU)

Further democratization of the political basis of the U. S. S. R. [with summary in English]. V. A. Sivov. Vest. LGU 17 no.17:95-107 '62.

[Gazette of the Supreme Soviet of the R. S. F. S. R.] Ved. Verkh. Sov. RSFSR 6 nos.37-41 S-O.

[Gazette of the Supreme Soviet of the U. S. S. R.] Ved. Verkh. Sov. SSSR 25 nos.43-45 O-N '62.

Grigorian, L. A. [We are the Soviet state] Gosudarstvo - eto my. Moskva, Izd-vo "Znanie," 1962. 31 p. (Novoe v zhizni, nauke, tekhnike. II Seriia: Filosofiia, no.15)

Inspiring slogans. Nov.vrem. 20 no.43:1-2 O '62.

Present-day status of the standing committees of the supreme soviets of the Union Republics. A. G. Stepanov, V. V. Junevičius. Sov. gos. i pravo 32 no.10:106-111 O '62.

Some problems in the history of the Soviet state and law. Sov. gos. i pravo 32 no.10 25-36 O '62.

Subject matter and objectives of the history of the Soviet state and law. G. B. Gul'perin, A. I. Korolev. Sov. gos. i pravo 32 no.10:37-46 O '62.

"V. I. Lenin on drawing the masses into participation in the work of governmental agencies." Reviewed by M. Shafir. Sov. deput. trud. no.10:89-90 O '62.

RUSSIA—RELATIONS (GENERAL) WITH AUSTRIA

Unforgettable impressions. G. Pichler and others. Avt. transp. 40 no.9:12-13 S '62

RUSSIA—RELATIONS (GENERAL) WITH CZECHOSLOVAKIA

Great example of the new forms of life. G. Fučíkova. Agitator no.20:23-26 O '62.

RUSSIA—RELATIONS (GENERAL) WITH FOREIGN COUNTRIES

Foreign delegations in Soviet institutions of higher learning. Vest. vys. shkoly 20 no.8:79 Ag '62.

Meetings abroad. K. Plotnikov. Vop. ekon. no.9:156-160 S '62.

Our progressive practices to our friends abroad. P. Grigor'ev. Metallurg 7 no.10:17-18 O '62.

RUSSIA—RELATIONS (GENERAL) WITH HUNGARY

Friendship! D. Dazhin. Sov. voin 44 no.19:29-30 O '62.

Ties of friendship. I. Shilingovskii. Sov. voin 44 no.16: 26-28 O '62.

RUSSIA—RELATIONS (GENERAL) WITH TAJIKISTAN

Radzhabov, Z. Sh. [Russia and Tajik literature of the end of 19th and the beginning of 20th century] Rossiia i tadzhikskaia literatura kontsa XIX - nachala XX vv. Stalinabad, Tadzhikskoe gos. izd-vo, 1959. 54 p. (MH)

RUSSIA—RELATIONS (GENERAL) WITH TURKEY

Turkish scientists as guests of the Academy of Sciences of the U. S. S. R. Vest. AN SSSR 32 no. 9 117 S '62.

RUSSIA—REVOLUTION, 1917-1921
(see also subdivision under Amur Province; Azerbaijan; Caucasus, Dzhambul, Kazan; Kirghizistan, Kronstadt; Leningrad; Siberia; Soviet Far East; Tsivil'sk County)

Berezov, P. I. [Revolutionary events; studies on the Great October Revolution in Petrograd] Revoliutsiia sovershilas', ocherki o Velikom Oktiabre v Petrograde. Moskva, Gospolitizdat, 1962. 290 p.

The 45th anniversary of the Great October Socialist Revolution; materials for lectures and talks. Komm. Vooruzh. Sil 3 no. 19 36-43 O '62.

Heroic deeds of Lenin's party in October 1917. L. Gaponenko. Kommunist 39 no. 15:11-21 O '62.

"History of the civil war in the U. S. S. R.; collected documents and source materials in three volumes." Reviewed by A. IA. Kazakov, N. I Salekhov. Vop. ist. KPSS 6 no 5:205-210 '62.

How to study the theme "The Party as the inspirer and organizer of the victory of the Great October Socialist Revolution, March-October 1917." A Molochko. Komm. Bel. 36 no 9 54-60 S '62

Interpretation of some problems of the October Revolution in the studies devoted to the history of the party. I. F. Petrov. Vop. ist. KPSS 6 no 5:5-26 '62.

Ivan Zhurba, red partisan. V. Korolev. Sov. voin 44 no. 19:13-15 O '62.

Kladi, A. P., and V. A. Kondrat'ev. [A true story of the "gold train"] Byl' o "zolotom eshelone." Moskva, Gospolitizdat, 1962. 110 p.

Lenin, V. I. [Complete works] Polnoe sobranie sochinenii. Izd. 5. Moskva, Gos. izd-vo polit. lit-ry.
Vol. 31. [March-April 1917] Mart-aprel' 1917. 1962. 671 p.

"Lenin led us to victory; reminiscences" by S. I. Aralov. Reviewed by M. Sbotchakov, I. Selishchev. Komm. Vooruzh. Sil 3 no. 19:88-92 O '62.

"Morning of a new world; collected reminiscences and documentary materials on the Second All-Russian Congress of the Soviets." Reviewed by N. Sergovantsev. Part. zhizn' no. 20 75-77 O '62.

Proceedings of the All-Russian Conference of Party Workers, March 27-April 2, 1917. Vop. ist. KPSS 6 no. 5:106-125 '62.

Service record of the 51st Division. Voen. znan. 38 no. 9:38 S '62.

"Sixty-five years in the party of Lenin: reminiscences" by F. N. Petrov. Reviewed by M. V Rybakov. Vop. ist. KPSS 6 no. 5:211-214 '62.

"Solution of the agrarian problem in Russia after the victory of the October Revolution, 1917-1920" by G. V. Sharapov. Reviewed by V. P. Naumov, I. B. Chelnapov. Vop. ist. KPSS 6 no 5 201-205 '62.

Struggle of the party for the development of the socialist revolution and the consolidation of Soviet rule, from October 1917 to 1918; methodological advice for propagandists. Komm. Ukr. 38 no. 9:72-75 S '62.

"Studies on the history of the All-Russian Extraordinary Commission, 1917-1922" by P. G. Sofinov. Reviewed by IU. P. Titov. Vop ist. no. 9:116-118 S '62.

RUSSIA—REVOLUTION, 1917-1921—CHINESE PARTICIPATION

The role of Chinese volunteers in the defense of the October Revolution. N. V. IAkovskii. Shor. dokl. Voen. ist. sek. no. 3:27-35 '60.

RUSSIA—REVOLUTION, 1917-1921—ITALIAN PARTICIPATION

Shoulder to shoulder with their Russian brothers; participation of Italian internationalists in the civil war in the U. S. S. R. A. S. Kuznetsov. Ist. SSSR 6 no. 5:135-145 S-O '62.

RUSSIA—REVOLUTION, 1917-1921—POLISH PARTICIPATION

Efforts of the Soviet Government to withdraw from the European War and the role of Polish internationalists in Russia, January-March 1918. A. IA. Manusevich. Uch. zap. Inst. slav. 25:11-59 '62.

RUSSIA—REVOLUTION, 1917-1921—SONGS AND MUSIC

[Russian revolutionary songs for chorus without accompaniment] Russkie revoliutsionnye pesni, dlia khora bez soprovozhdeniia. Moskva, Gos. muz. izd-vo, 1962. 134 p.
(NN)

RUSSIA—STATISTICS

On the research of the organs of government statistics. V. Starovskii. Vest. stat. no. 9:3-14 '62.

RUSSIA, NORTHERN—BOTANICAL RESEARCH—CONGRESSES

Some results of research in the North; a conference on the problems of research, utilization and protection of the vegetative cover of the Far North of the U. S. S. R. I. D. Kil'dushevskii. Bot. zhur. 47 no. 7:1067-1070 Jl '62.

RUSSIA, NORTHERN—CITY PLANNING

Effect of planning procedures on the development of an improved microclimate of populated places of the Far North. S. V. Trofimov. Issl. po mikroklim. nasel. mest i zdan. i po stroi. fiz. no. 1:5-33 '62

RUSSIA, NORTHERN—LANDSCAPE GARDENING

Pomazkova, E. N. [Landscaping of northern towns and settlements] Ozelenenie severnykh gorodov i poselkov. Leningrad, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1962. 125 p
(DNAL)

RUSSIA, NORTHERN—MEDICAL JURISPRUDENCE

Some characteristics of forensic medical expertise in the Far North. A. A. Sartan Sud.-med. ekspert 5 no. 3:51-53 Jl-S '62.

RUSSIA, NORTHERN—NAMES, GEOGRAPHICAL—BALTIC

Some problems in studying the Baltic toponymy of Russian territories V. N. Toporov. Vop. geog. no. 58:141-49 '62.

RUSSIA, NORTHERN—RAILROADS—SIGNALING

Construction of semiautomatic block systems at the Northern Railroad. G. V. Ochakovskii. Avtom., telem. i sviaz' 6 no. 7:42-44 S '62.

RUSSIA, NORTHERN—WALLS—THERMAL PROPERTIES

Walls resistant to the transmission of heat in the Far North. A. Vas'kovskii. Zhil. stroi. no. 3:20-21 '62.

RUSSIA, NORTHWESTERN—LAND—CONGRESSES

Interprovincial Conference on Land Management. S. P. Andreev. Zemledelie 24 no. 8:93 Ag '62.

RUSSIA, NORTHWESTERN—TOMATOES—VARIETIES

Bekseev, Sh. G. [Nova tomatoes] Novykie tomaty. [Leningrad] Lenizdat, 1962. 60 p. (Vse novoe, perodovoe - na polia i fermy)
(DNAL)

RUSSIA, SOUTHERN—FOREST ECOLOGY

Natural contacts between the forest and the steppe in the far southeast of the European part of the U. S. S. R. IU. K. Dunlin. Vest. Mosk. un. Ser 6: Biol., pochv. 17 no. 4:60-66 Jl-Ag '62

RUSSIA, SOUTHERN—ORIENTATION (ARCHITECTURE)

Allowed orientations of residential buildings in southern districts of the U. S. S. R. in connection with the overheating of buildings. B. F. Vasil'ev. Issl. po mikroklim. nasel. mest i zdan. i po stroi. fiz. no. 1:106-122 '62.

Orientation of dwellings in districts of the Far South of the U. S. S. R. B. A. Dunaev. Issl. po mikroklim. nasel. mest i zdan. i po stroi. fiz. no. 1 123-133 '62.

RUSSIA, SOUTHERN—PLANTS, EFFECT OF SOIL MOISTURE ON

Evaluation of the agrometeorological conditions of growing winter wheat in the period of flower and grain formation on the ear of the main stalk in areas of the southeastern U. S. S. R. and the southern Ukraine where there is insufficient soil moisture. N. K. Turbnevskaia. Trudy TSIP no. 101:113-116 '62.

RUSSIA, SOUTHERN—SUNFLOWERS—HARVESTING

Harvesting by stages of sunflowers in the Southeast. V. K. Morozov. Masl.-zhir. prom. 28 no. 9:4-6 S '62.

RUSSIA, WESTERN—REGIONAL PLANNING

Construction and climatic zoning of the western part of the European territory of the U. S. S. R. V. B. Syreishchikov. Issl. po mikroklim. nasel. mest i zdan. i po stroi. fiz. no. 1:87-105 '62.

RUSSIAN DRAMA—HISTORY AND CRITICISM

After the fight fists still wave. D. Zolotnitskii. Teatr 23 no. 9:52-60 S '62.

... And an endless battle! V. Dmitrievskii Teatr 23 no. 8:59-65 Ag '62.

And your opinion? Abdurakhman Aliev and others. Teatr 23 no. 9:66-71 S '62.

Conversation on dramaturgy. Aleksandr Korneichuk. Teatr 23 no. 9:33-36 S '62.

Day of Borodino. N. S. Teatr 23 no. 9:153-154 S '62.

Descendants of Noah. IU. Zubkov. Teatr 23 no. 9:42-51 S '62.

Hero of the "Storm" continues to fight. Teatr 23 no. 9:155 S '62.

Just what is melodrama? IU. Kagarlitskii. Teatr 23 no. 8:66-72 Ag '62.

Search and debate bring out the truth. I. Sobolev. Teatr 23 no. 9:37-41 S '62.

Surkov, E. D. [On the topic of drama; articles] Na dramaturgicheskie temy; stat'i. Moskva, Sovetskii pisatel', 1962. 395 p.
(MH)

RUSSIAN LANGUAGE—COMPOSITION AND EXERCISES

Compositions on the basis of observations of nature and people's work E. A Shareva. Nach. shkola 30 no 5:45-50 Ag '62.

Creative compositions. V. K. Parfent'ev. Vech. sred. shkola 5 no. 3:76-78 My-Je '62.

Preparing creative compositions in Russian language lessons. I. G. Ovchinnikova. Rus. iaz. v shkole 23 no. 4 43-47 Jl-Ag '62.

RUSSIAN LANGUAGE—CONVERSATION AND PHRASE BOOKS—ENGLISH

[Russian-English phrase book; the U. S. S. R. and England] Russko-Angliiskii razgovornik, SSSR - Anglia. [By] M. M. Kudriavtsev, S. V. Neverov, E. A. Bondi, 3. izd. Moskva, Izd-vo lit-ry na inostr. iazykakh, 1962. 280 p.

RUSSIAN LANGUAGE—DICTIONARIES—AZERBAIJANI

Principles governing the translation of Russian phytocological units in Russian-Azerbaijani dictionaries [in Azerbaijani with summary in Russian]. M. M. Pashaeva. Izv. AN Azerb. SSR. Ser. obshchestv. nauk. no. 11:59-73 '61.

RUSSIAN LANGUAGE—DICTIONARIES—ENGLISH

Kramer, A. Russko-angliiskii slovar' po astronomii. Russian-English dictionary on astronomy. [Trenton, Scientific Russian Translating Service, 1962] 191 p.

RUSSIAN LANGUAGE—DICTIONARIES—FINNISH

[Russian-Finnish pocket dictionary] Karmannyi russko-finskii slovar'. Sostavil IU. S. Eliseev. Okolo 8 000 slov. Moskva, Gos. izd-vo inostr. i natsional'nykh slovarei, 1962. 539 p.

RUSSIAN LANGUAGE—DICTIONARIES—FRENCH

Agzibekov, O. G., and others, comps. [Russian-French nuclear dictionary] Russko-frantsuzskii iadernyi slovar'. Pod red. D. I. Voskoboinika. Moskva, Glav. red. inostr. nauchno-tekhn. slovarei Fizmatgiza, 1962. 627 p.

RUSSIAN LANGUAGE—DICTIONARIES—KAZAKH

Akademiia nauk Kazakhskoi SSR, Alma-Ata. Institut iazykoznaniia. [Russian-Kazakh dictionary] Russko-kazakhskii terminologicheskii slovar'. Alma-Ata, Izd-vo Akad. nauk Kazakhskoi SSR.
Vol. 10. Khasenov, S., E. Zhanpeisov, and K. Yaysmanbetov. [Terms used in railroad transportation] Terminy zheleznodorozhnogo transporta Pod obshchei red. A. Abdrakhmanova. 1962. 160 p.
Vol. 11. Ramazanov, E. [Botany and soil science] Botanika i pochvovedenie. 1962. 408 p.

RUSSIAN LANGUAGE—GRAMMAR

"Materials on the entertaining grammar of Russian language" by A. I. Zaretskii. Reviewed by I. G. Urinov. Rus. iaz. v shkole 23 no. 4 115-116 Jl-Ag '62.

RUSSIAN LANGUAGE—GRAMMAR, COMPARATIVE

M. V Lomonosov and Russian linguistics [in Azerbaijani with summary in Russian]. M. Sh. Kasimov. Izv. AN Azerb. SSR. Ser. obshchestv. nauk. no. 11:21-28 '61.

RUSSIAN LANGUAGE—HISTORY AND CRITICISM

Efimov, A. I. [History of the Russian literary language] Istoriia russkogo literaturnogo iazyka, Moskva, Gos. uchebno-pedagog. izd-vo, 1961. 321 p.
(CU)

RUSSIAN LANGUAGE—MORPHOLOGY

Individual work with students in the study of phonetics and morphology. I. L. Reshin. Rus. iaz. v shkole 23 no. 4: 58-63 Jl-Ag '62.

RUSSIAN LANGUAGE—NUMERALS

Suprun, A. E. [Russian numerals] O russkikh chislitel'nykh. Frunze, Kirgizskii gos. univ., 1959. 171 p. (V pomoshch' studentu)
(MH)

RUSSIAN LANGUAGE—ORTHOGRAPHY

Elucidated Writing with commentary. K. A. Moskalenko. Rus. iaz. v shkole 23 no. 4:23-30 Jl-Ag '62.

More on orthography and eloquence. A. A. Gorbunova. Rus. iaz. v shkole 23 no. 4:106-107 Jl-Ag '62.

Problem of long standing. D. I. Birger. Rus. iaz. v shkole 23 no. 4:100-104 Jl-Ag '62.

Recommended methods for correction of orthographical errors in one-room elementary schools. V. Mal'tsev. Nar. obr. no. 9 16-21 S '62.

Some aspects of orthography and teaching of Russian language in schools. V. S. Varukhin. Rus. iaz. v shkole 23 no. 4:104-105 Jl-Ag '62.

System of orthographic work on cards. G. A. Babosin. Rus. iaz. v shkole 23 no. 4.72-74 Jl-Ag '62.

RUSSIAN LANGUAGE—PHONETICS

Individual work with students in the study of phonetics and morphology. I. L. Reshin. Rus. iaz. v shkole 23 no. 4: 58-63 Jl-Ag '62.

RUSSIAN LANGUAGE—PREPOSITIONS

"Prepositions in the present-day Russian language" by V. S. Bondarenko. Reviewed by V. V. Veselitskii. Rus. iaz. v shkole 23 no. 4:110-112 Jl-Ag '62.

RUSSIAN LANGUAGE—SPOKEN RUSSIAN

Refinement of oral speech and political information. A. N. Chukalin. Rus. iaz. v shkole 23 no. 4:47-50 Jl-Ag '62.

RUSSIAN LANGUAGE—STUDY AND TEACHING
(see also subdivision under Lipetsk Province)

Editor's mail. Rus. iaz. v shkole 23 no. 1:122-127 Jl-Ag '62.

Forms of independent work of students in Russian language lessons. A. N. Glotova. Rus. iaz. v shkole 23 no. 1:37-42 Jl-Ag '62.

Grammar or style? M. N. Kozhina. Rus. iaz. v shkole 23 no. 4:50-54 Jl-Ag '62.

Kobyzev, A. I. ["I am checking myself," a new form of dictation, teacher's manual] Novyi vid diktanta - "Proveriaiu sebia"; posobie dlia uchitelia. Moskva, Uchpedgiz, 1962. 37 p.

Let's overcome a difficult hurdle. A. Tekuchev. Nar. obr. no. 8:30-34 Ag '62

Methodological conference of the Moscow Association of Russian Language Departments at Pedagogical Institutes. V. I. Kiprianov, A. B. Pen'kovskii. Rus. iaz. v shkole 23 no. 1:121 Jl-Ag '62.

Methods of arousing the cognitive activity of students in different stages of a lesson. G. I. Gorskaia. Rus. iaz. v shkole 23 no. 1:30-37 Jl-Ag '62.

Russia (1923- U.S.S.R.) Uchebno-metodicheskoe upravlenie po vuzam. [The Russian language for foreign students, a collection of methodological articles] Russkii iazyk dlia studentov inostrantsev, sbornik metodicheskikh statei. Moskva, Gos. izd-vo "Vysshaia shkola," 1962. 310 p.

Simultaneous review and a system of exercises in grades 5-7. A. S. Gigolova. Rus. iaz. v shkole 23 no. 4:68-79 Jl-Ag '62.

Ways to raise the quality of the knowledge of the Russian language. N. S. Kominov. Rus. iaz. v shkole 23 no. 4: 117-120 Jl-Ag '62.

Zakozhurnikova, M. I. [Working on sentences and coherent speech in primary grades; manual on methods] Rabota nad predlozheniem i sviaznoi rech'iu v nachal'nykh klassakh, metodicheskoe posobie. Moskva, Izd-vo APN RSFSR, 1962. 207 p. (Pedagogicheskaia biblioteka uchitelia)

RUSSIAN LANGUAGE—STYLE

"Alive as life" by K. I. Chukovskii. Reviewed by Lev Uspenskii. V mire knig 2 no. 9 36 S '62.

Comparative studies of the relation between the Russian and Ukrainian literary languages. G. P. Ivakevich. Movoznavstvo 10:13-23 '61.

Grammatical basis for "lyrical digressions." G. M. Chumakov. Rus. iaz. v shkole 23 no. 4:20-22 Jl-Ag '62.

IUgov, A. K. [Story of the Russian word] Sud'by rodnogo slova. [Moskva] Molodaia gvardiia, 1962. 272 p.

"Live as life" by Kornei Chukovskii. Reviewed by P. IA. Chernykh. Rus. iaz. v shkole 23 no. 4:113-115 Jl-Ag '62.

RUSSIAN LANGUAGE—SYNTAX

"Russian language textbook." Part 2: "Syntax for grades 6-8" by S. G. Barkhudarov, S. I. Kriuchkov. Book review. Rus. iaz. v shkole 23 no. 4:74-81 Jl-Ag '62.

"Russian language textbook." Part 2: "Syntax for grades 6-8" by S. G. Barkhudarov, S. I. Kriuchkov. Reviewed by E. A. Barinova. Rus. iaz. v shkole 23 no. 4:84-89 Jl-Ag '62.

"Russian language textbook." Part 2: "Syntax for grades 6-8" by S. G. Barkhudarov, S. E. Kriuchkov. Reviewed by A. I. Puguacheva. Rus. iaz. v shkole 23 no. 1:90-92 Jl-Ag '62.

"Russian language textbook." Part 2: "Syntax for grades 6-8" by S. G. Barkhudarov, S. E. Kriuchkov. Reviewed by G. M. Makarov. Rus. iaz. v shkole 23 no. 4:93-95 Jl-Ag '62.

RUSSIAN LANGUAGE—TERMS AND PHRASES

Meaning of the construction "stanu" plus infinitive. E. P. Kirshikova. Rus. iaz. v shkole 23 no. 4:16-19 Jl-Ag '62.

Principles governing the translation of Russian phraseological units in Russian-Azerbaijani dictionaries [in Azerbaijani with summary in Russian]. M. M. Pashaeva. Izv. AN Azerb. SSR. Ser. obshchestv. nauk. no. 1:59-73 '61.

RUSSIAN LANGUAGE—VERB

Studying the aspects of verbs. M. V. Ionina. Rus. iaz. v shkole 23 no. 4:63-68 Jl-Ag '62.

Verbs that have no form for the first person singular. A. F. Druzhinina. Rus. iaz. v shkole 23 no. 4:13-15 Jl-Ag '62.

RUSSIAN LANGUAGE—VERSIFICATION

Kholshevnikov, V. E. [Fundamentals of poetry: Russian versification; a textbook for students of philology faculties] Osnovy stikhovedeniia: Russkoe stikhoslozhenie; posobie dlia studentov filologicheskikh fakul'tetov. [Leningrad] Izd-vo Leningr. univ., 1962. 150 p.

RUSSIAN LANGUAGE—WORD FORMATION

Arousing the cognitive activity of students during the study of word structure. M. M. Girshman. Rus. iaz. v shkole 23 no. 4:54-57 Jl-Ag '62.

In the laboratory of a philologist. Znan. -sila 37 no. 7: 54-55 Jl '62.

RUSSIAN LANGUAGE—WORDS

In the laboratory of a philologist. Znan. -sila 37 no. 6: 47 Je '62.

IUgov, A. K. [Story of the Russian word] Sud'by rodnogo slova. [Moskva] Molodaia gvardiia, 1962. 272 p.

RUSSIAN LITERATURE see subdivision under Turkey

RUSSIAN LITERATURE—GLOSSARIES, VOCABULARIES, ETC.

"Pushkin's vocabulary." Reviewed by I. S. Il'inskaia Rus. iaz. v shkole 23 no. 1:95-99 Jl-Ag '62.

RUSSIAN LITERATURE—HISTORY AND CRITICISM

Accept all types of writers. Anatolii Sofronov Vop. lit. 6 no. 9 111-113 S '62

Akademiia nauk SSSR, Institut russkoi literatury. [History of the Russian novel in two volumes] Istoriia russkogo romana v dvukh tomakh. Moskva, Izd-vo Akad. nauk SSSR.
Vol. 1. 1962. 625 p.

Blagoi, D. D. [Poetry and reality, the originality and world-wide significance of 19th century Russian realism] Poeziia i deistvitel'nost', o svoeobrazii i mirovom znachenii russkogo realizma XIX veka. Moskva, Sovetskii pisatel', 1961. 166 p.
(CSI)

Criticism has matured. A. Karaganov. Vop. lit. 6 no. 9:106-107 S '62

Druzin, V. P. [Man and his cause] Chelovek i ego delo. Moskva, Izd-vo "Znanie," 1962. 30 p. (Novoe v zhizni, nauke, tekhnike. VI Serila: Literatura i iskusstvo, no. 17)

Friendship of a generation. Stepan Zlobin. Vop. lit. 6 no. 9 103-104 S '62.

Learn to think. Kornelii Zelinskii Vop. lit. 6 no. 9: 101-103 S '62.

"The literary fictional type and its prototype" by G. A. Vinogradskyi. Reviewed by A. Bogdanov. Vop. lit. 6 no. 9 230-231 S '62.

New forces. S. Mashinskii Vop. lit. 6 no. 9 24-41 S '62

"Poetry of prose" by E. Starikova. Reviewed by M. Bilkova. Vop. lit. 6 no. 9:211-213 S '62

Shoulder to shoulder. I. Grinberg. Vop. lit. 6 no. 9 97-99 S '62.

So that the discussion would be fruitful. Konstantin Simonov Vop. lit. 6 no. 9 110-111 S '62

Support the effort in the search. Vsevolod Ivanov Vop. lit. 6 no. 9 104-106 S '62.

To work ceaselessly. G. Sholokhov-Sinyavskii. Vop. lit. no. 9:115-116 S '62

Vinogradskyi, I. A. [The literary type and its prototypes] Literaturno-kritichnyi typ i joho prototypy. Kyiv, Derzhlitvydav Ukrainy, 1962. 73 p. (Doslidy pro khudozhniu literaturu)

With a thought on the young. Aleksei Surkov. Vop. lit. 6 no. 9:113-115 S '62

The writer and the subject of atheism. Sergei L'vov. Nauka i rel. no. 8:69-73 Je '62.

Youthfulness of feeling, maturity of thought. V. Ozerov Vop. lit. 6 no. 9. 3-23 S '62

Zemskov, V. F. [Critical review, on lectures and brochures of some problems of Russian literature and the literatures of the peoples of the U.S.S.R.] Obzornaia retsenziia; na lektsii i broshiury po nekotorym voprosam russkoi literatury i literatury narodov SSSR. Moskva, Izd-vo "Znanie," 1962. 21 p. (V pomoshch' lektoru)

RUSSIAN LITERATURE—PERIODICALS

N. G. Shelgunov's contributions to "Sovremennik", 1861-1862. V. N. Trostnikov. Uch. zap. MGPI 160:195-220 '61

The periodical "Russkoe slovo" and anti-Nihilist literature of the 1860's. S. S. Konkin. Uch. zap. MGPI 160 233-250 '61.

RUSSIAN LITERATURE—STUDY AND TEACHING

Aesthetic and ethical problems of patriotic education in the course on the history of early Russian literature. N. V. Vodovozov. Uch. zap. MGPI 178:5-15 '62.

And even if he does not grow up to be a poet. . . L. Ibragimov. Nar. obr. no. 8:67-70 Ag '62.

Characters and grades. L. Alzerman. Nar. obr. no. 10: 52-54 O '62.

Literature and life. A. IA. Bogolavlenskii. Vech. shkola 5 no. 3:73-75 My-Je '62.

Study of literature at its present stage. M. Gryzlova. Nar. obr. no. 8 45-47 Ag '62.

What is worrying the literature teachers of rural schools? A. P. Kramarev. Vech. shkola 5 no. 3:52-54 My-Je '62.

RUSSIAN LITERATURE—TRANSLATIONS INTO JAPANESE

"Collection of Russian literary works" [in Japanese]. Vol. 35. Reviewed by V. V. Logunova. Vop. ist. no. 9: 174-175 S '62.

RUSSIAN NEWSPAPERS
(see also subdivision under Kalinin; Orel region; Pskov Province; Zaporozh'ye)

An exhibition in London devoted to the 50th anniversary of "Pravda." Andrew Rothstein. Vop. ist. no. 9:197-198 S '62.

Andronov, S. A. [The newspaper "Pravda"; the militant weapon of the party in 1912-1917] Boevoe oruzhie partii; gazeta "Pravda" v 1912-1917 godakh. [Leningrad] Lenizdat, 1962. 482 p.

"Proletarii," a Bolshevik newspaper, correspondence between its editor and local party organizations, 1906-1909. K. V. Shakhnazarova. Vop. ist. KPSS 6 no. 5: 176-182 '62.

RUSSIAN NEWSPAPERS—CATALOGS

Attention to the catalogs. N. Ogurtsov. Raspr. pech. no. 7,18-19 Jl '62.

RUSSIAN PERIODICALS

Always on the move, on a quest. V. Bolkhovitinov. Raspr. pech. no. 9:23-24 S '62.

"Stanki i instrument" [Machine tools and their cutting tools]. Reviewed by B. Nikitin. Raspr. pech. no. 7,24 Jl '62.

RUSSIAN PERIODICALS—CATALOGS

Attention to the catalogs. N. Ogurtsov Raspr. pech. no. 7:18-19 Jl '62.

RUSSIAN PERIODICALS—INDEXES

[Chronicle of periodical articles] Let. zhur. st. nos. 38-41 '62.

RUSSIAN PHILOLOGY—STUDY AND TEACHING

Let's increase the practical trend in the training of Russian language and Russian literature teachers. E. U. Koval' Rus. iaz. v shkole 23 no. 1:109 Jl-Ag '62.

Training of Russian language and Russian literature teachers. V. A. Nikol'skii. Rus. iaz. v shkole 23 no. 4:109 Jl-Ag '62.

RUSSIAN PLATFORM—BASALT

Recent and ancient laterite weathering of basalts in Brazil and the Russian Platform. I. I. Ginzburg, G. D. Nadezhakova, A. P. Nikitina. Kora vyvetr. no. 4:3-95 '62.

RUSSIAN PLATFORM—HYPERITE

Age and mode of occurrence of gabbro norites in Tatarstan and adjacent areas. S. S. Ellern, B. S. Sitdikov. Izv. AN SSSR. Ser. geol 27 no. 9,96-101 S '62.

RUSSIAN PLATFORM—TEREBRATULIDAE, FOSSIL

Miocene terebratulids in the southwestern margin of the Russian Platform [with summary in English, p. 171]. L. N. Kudrin. Paleont. sbor. [Lvov] no. 1:51-59 '61.

RUSSIAN PLATFORM—WEATHERING

Recent and ancient laterite weathering of basalts in Brazil and the Russian Platform. I. I. Ginzburg, G. D. Nadezhakova, A. P. Nikitina. Kora vyvetr. no. 4:3-95 '62.

RUSSIAN POETRY—HISTORY AND CRITICISM

Affirmative heroes in lyric poetry of the 1930's. G. A. Chervinchenko. Uch. zap. MGPI 172:69-102 '61.

Mode, cliché, and the poet. A. Urban. Vop. lit. 6 no. 9 73-89 S '62.

RUSSIAN SATELLITES see Communist Countries

RUSSIAN SOCIAL DEMOCRATIC PARTY
(see also subdivision under Latvia; Smolensk)

Gaubikh, B. V., K. M. Tomirbaev, and S. A. Udachev, comps. [Readings on the history of the CPSU in three volumes] Khrestomatiia po istorii KPSS v trekh tomakh. Moskva, Gospolitizdat.
Vol. 1. [1883-February 1917] 1883 g.-fevral' 1917 g. 623 p.

How to study the theme "The Party as the inspirer and organizer of the victory of the Great October Socialist Revolution, March-October 1917." A. Molochko. Komm. Bel. 36 no. 9,54-60 S '62.

Proceedings of the All-Russian Conference of Party Workers, March 27-April 2, 1917. Vop. ist. KPSS 6 no. 5:106-125 '62.

"Proletarii," a Bolshevik newspaper; correspondence between its editor and local party organizations, 1906-1909. K. V. Shakhnazarova. Vop. ist. KPSS 6 no. 5: 176-182 '62.

"Sixty-five years in the party of Lenin: reminiscences" by F. N. Petrov. Reviewed by M. V. Rybakov. Vop. ist. KPSS 6 no. 5:211-214 '62.

Struggle for the organization of the Marxist party in Russia; establishment of the Russian Social Democratic Party; the origin of Bolshevism, 1894-1904; methodological advice for propagandists. Komm. Ukr. 36 no. 9:66-71 S '62.

RUSSIANS—SOCIAL LIFE AND CUSTOMS see subdivision under Kazakhstan

RUSSO-TURKISH WAR, 1768-1774

The tactic of Russian field artillery during the Russo-Turkish War of 1768-1774. A. G. Shablovskii. Sbor. dokl. Voen. ist. sek. no. 3:116-136 '60.

RUSTAVI—FERTILIZER INDUSTRY

The plant did not fulfill the plan. A. Drabkin. NTO 4 no. 10:36-38 O '62.

RUSTS (FUNGI) see subdivision under Amu Darya Valley

RUTHENIA see Transcarpathia

RWANDA
Rwanda and Burundi, new independent African states V. Karpushina. Otv. na vop. trud. no. 6:15-51 Je '62.

RYAZAN—AGRICULTURAL RESEARCH
Standing aloof of life. A. Churinov. NTO 4 no. 10;40-41 O '62.

RYAZAN PROVINCE—CORN (MAIZE)
The corn ears of Ryazan Province. V. Kalinkin. Agitator no. 20, 39-42 O '62.

RYAZAN PROVINCE—INLAND WATER TRANSPORTATION
Economic efficiency in the use of small rivers of Ryazan Province for transportation purposes V. Ivanov. Rech. transp. 21 no. 9:13-16 S '62.

RYAZAN PROVINCE—INSURANCE, SOCIAL—EMPLOYEES
After work to a student's desk V. Lebedev Sots obesp 23 no. 7, 26-29 Jl '62

RYCHKOV, PETR IVANOVICH, 1712-1777
First investigator of the properties of textile materials in Russia; on the occasion of the 250 birthday of P. I. Rychkov. V. I. Shtarkov Tekst prom. 22 no. 9:76-79 S '62.

RYE
(see also subdivision under Polesye)
Comparative characteristics of the biology of flowering and pollination of wheat and rye. III. P. Laptev Shor trud. asp. i mol. nauch. sotr. VIR no. 1:32-36 '60

RZHEV—MACHINERY INDUSTRY
Thus, it will soon be time to make my report... M. Shitikova. Sov. profsoiuzy 18 no. 18:9-12 S '62.

SABLES see subdivision under Pechora Valley

SACCO-VANZETTI CASE
The crime in Massachusetts. M. Dosin. Belarus' 19 no. 8:31 Ag '62.

SACHKHERE DISTRICT—GEOLOGY, STRATIGRAPHIC
Stratigraphy and facies of Tertiary sediments in the northern periphery of the Dzirul'skiy Massif A. A. Chikovani Trudy Geol. inst. AN Gruz. SSR Geol. ser. 12 79-102 '61

SACHSENHAUSEN (CONCENTRATION CAMP)
[Invisible front; reminiscences of former prisoners of the Sachsenhausen concentration camp] Nezrimyi front; vospominaniia byvshikh uznikov kontslagerlia "Zaksenkhauzen." [Sost. V. I. Savost'lanov] Moskva, Voen. izd-vo, 1961.
(NNC)

SACRIFICE, HUMAN
What they are trying to conceal from religious people Iu. Skrypnychenko. Voiov. ateist. no. 12:41-43 D '61.

SADARAK REGION—SIEROZEM SOILS
Agrophysical characteristics of primitive alkaline Sierozem soils of the Sadarak Lowland in the Nakhichevan A. S. S. R. R. G. Mamedov. Izv. AN Azerb. SSR. Ser. biol. i med. nauk no. 5 69-76 '62.

SAFETY EDUCATION, INDUSTRIAL see subdivision under Ivanovo (Ivanovo Province)

SAGE
Treatment of hemorrhoids using sage. G. M. Sagalov. Fel'd. i akush. 27 no. 7:41 Jl '62.

SAGGERS
Method of increasing the turnover capacity of saggers. G. V. Kukolev, I. I. Nemets, M. T. Khomiakov. Stek. i ker. 19 no. 9:25-29 S '62.
New press for molding ceramic saggers. L. IA. Mishulovich. Stek. i ker. 19 no. 8:42-44 Ag '62.

SAIMAA CANAL
An example of good-neighbor relations. A. Baltin. Nov. vrem. 20 no. 41;14 O '62.

ST. VITUS'S DANCE see Chorea

SAINTS—CONTROVERSIAL LITERATURE
Who are the saints of the Orthodox Church. V. Lebid'. Voiov. ateist no. 12;43-46 D '61.

SAKHALIN—EVENING AND CONTINUATION SCHOOLS
Petroleum workers of Sakhalin in a drive for knowledge. N. Petukhov. Nar. obr. no. 8, 104-107 Ag '62.

SAKHALIN—FISHERIES—ECONOMIC ASPECTS
More attention to the economic aspects in fishery enterprises. G. Chernavskii. Ryb. khoz. 38 no. 8:78-81 '62.

SAKHALIN PROVINCE see Sakhalin

SAKSAGAN' VALLEY—CARBONATES
Carbonate-magnetite ores of the fourth ferriginous horizon in the Saksagan' syncline. M. M. Akymenko, E. V. Dmytriiev. Geol. zhur. 22 no. 4:72-78 '62.

SAKSAGAN' VALLEY—MAGNETITE
Carbonate-magnetite ores of the fourth ferriginous horizon in the Saksagan' syncline. M. M. Akymenko, L. V. Dmytriiev. Geol. zhur. 22 no. 4:72-78 '62.

SALADS
Salad from vegetables IA. Magidov Obshchestv pit no. 6, 37-38 Je '62

SALAIR RIDGE—CORALS, FOSSIL
New genus of Tabulata from the family Coenitidae. N. V. Mironova. Trudy SNIIGGIMS no. 15:177-181 '61.
Tabulata and Heliolitidae of the Tom'-Chumysh (ostracod) series in the Salair Ridge. N. V. Mironova. Trudy SNIIGGIMS no. 15:140-175 '61.

SALES TAX see subdivision under White Russia

SALICYLIC ACID
Colorless salicylate complexes of titanium A. K. Babko, A. I. Volkova, T. E. Get'man. Zhur. neorg. khim. 7 no. 9:2167-2172 S '62

SALINE AND ALKALI SOILS see subdivision under Kura-Aras Lowland

SALINOMETER
Electric salinometer for remote measurements. V. G. Vollov. Ryb. prom. no. 51;33-36 '60.

SALIVA
Detection of saliva in stains on soiled objects and in traces with an admixture of blood L. O. Barseglants. Sud.-med. ekspert. 5 no. 3:34-39 Jl-S '62
Role of the amylolytic activity of pig saliva in the digestive process [with summaries in English, German, and French]. A. I. Arkhipovets. Vest. sel'khoz. nauki 7 no. 8:86-90 Ag '62.
Salivation function in dogs with an excised superior (anterior) cervical sympathetic ganglion during chronic stimulation of the dental receptors. R. IA. Pekker. Stomatologiia 41 no. 4 81-85 Jl-Ag '62

SALIVARY GLANDS
Salivary gland secretion in otogenous intracranial complications. L. A. Matsievskaia. Vest. otorin. no. 5: 58-62 '62

SALMON
Effect of salting and keeping salmon in brine on its weight. L. A. Nasedkina. Ryb. khoz. 38 no. 7, 67-69 '62.

SALMON—PARASITES see Parasites—Salmon

SALT
Field enhanced secondary electron emission of thin films of sodium chloride. L. A. Serebrov, B. A. Fridrikhov. Radiotekh. i elektron. 7 no. 9 1649-1656 S '62

SALT—PHYSIOLOGICAL EFFECT
Chromosome apparatus of the cells of the mesothelium following the action of physical and cancerogenic factors [with summary in English] V. F. Ivanova Arkh. anat., gist. i embr. 43 no. 7 86-90 Jl '62

SALT—PURIFICATION
Purification of cooking salt from magnesium salt admixtures. M. G. Pakhmura, F. O. Petrachkov. Khar. prom. no. 2;37-39 Ap-Je '62.

SALT—THERMAL PROPERTIES
Thermal conductivity of sodium chloride single crystals with a calcium admixture. V. V. Lemanov, I. A. Smirnov. Fiz. tver. tela 4 no. 9:2611-2613 S '62.

SALT DEPOSITS see subdivision under Gissar Range

SALT DEPOSITS—CLASSIFICATION
Classification and nomenclature of salt rocks. E. E. Razumovskaia. Trudy VSEGEI 72:74-84 '62.

SALT FISH see Fish, Salt

SALT-FREE DIET
Effect of a hypochloride diet on the phosphorus-carbohydrate metabolism of erythrocytes in atherosclerosis and hypertension. B. S. Berezovskii. Kaz. med. zhur. no. 3:11-13 My-Je '62.

SALT MINES AND MINING
Electric detonators for the salt industry. A. S. Miroshanskii. Vzryv. delo no. 48/5:19-21 '62.

SALTS
Dynamics of salt transfer in porous media [with summary in English]. V. V. Rachinskii, TSzin Da-Lin, E. D. Chistova. Izv. TSKHA no. 2:165-183 '62.
Interaction of bis-acetylacetonethylenediamine with salts of certain metals. K. V. Astakhov, I. E. Bukolov. Zhur. neorg. khim. 7 no. 9:2082-2085 S '62.
Molecular-kinetic nature of the phenomenon of salting-out. O. IA. Samoilov, V. I. Tikhomirov. Eksir. i teor., prim., app. no. 2:34-36 '62.

SALVAGE (WASTE, ETC.)
Fight decisively the entrainment of fibers by waste waters. K. N. Malyshkin. Bum. prom. 37 no. 9:2-3 S '62.

SAMARKAND—SOUND—RECORDING AND REPRODUCING
The 35-K3T-1 apparatus set for sound recording and reproducing in theaters. Tekh. kino i telev. 6 no. 10: 3 of cover O '62.

SAMARKAND REGION—CAVES
Khazrati-Davut cave. M. A. Abdurhabarov Nov. kar. i spel. no. 2, 84-89 '61

SAMOKISH, NIKOLAI SEMENOVICH, 1860-1944
Samokish, N. S. Nikolai Semenovich Samokish. Moskva, Sovetskii khudozhnik, 1953. 58 p.
(NNC)

SANATORIUMS see subdivision under Mogilev Province, Moscow region

SANCTIONS (LAW)
Leist, O. E. [Sanctions in Soviet law] Sanktsii v sovetskom prave. Moskva, Gosiurizdat, 1962. 236 p.

SAND
Correlation of the velocity of seismic vibrations of particles with the occurrence of liquescence of water-bearing sand. S. V. Puchkov. Trudy Inst. fiz. Zem. no. 21, Vop. inzh. seism. no. 6 115-117 '62

SAND AND GRAVEL INDUSTRY
Grigorovich, M. B. [Natural building stones and sands] Estestvennye stroitel'nye kamni i peski. Izd. 2 Moskva, Gosgeoltekhizdat, 1962. 19 p. (Bibliotechka iskatelia poleznykh iskopaemykh)

SAND AND GRAVEL INDUSTRY—COSTS see subdivision under Leningrad

SAND AND GRAVEL PLANTS
New standard plans for large gravel-grading plants. N. V. Golubeva, V. D. Bezpalov. Strol. mat. 8 no. 8, 15-18 Ag '62.
Standard plans for gravel-grading plants for deposits which must be worked by hydraulic engineering machinery. N. D. Kholin, IA. L. Linkov. Strol. mat. 8 no. 8 18-20 Ag '62.

SANDWICH CONSTRUCTION
Contact problem for a multilayer base [with summary in English]. A. K. Pryvarnykov, IU. A. Shevlinkov. Prykl. mekh. 8 no. 5;508-515 '62.
Solution of Dirichlet's problem for a spherical layer in a complex form [with summary in English]. P. M. Kychatev. Prykl. mekh. 8 no. 5:515-521 '62.
Stability of a sandwich cylindrical shell with corrugated filler subjected to a combined action of axial force and external pressure beyond the elastic limit. I. A. Efimov. Izv. vys. ucheb. zav.; av. tekh. 5 no. 3:79-86 '62.

SANDY SOILS
Comparative evaluation of compound and simple fertilizers for light and sandy soils [with summary in English]. A. V. Peterburgskii, IU. P. Utenyshev. Izv. TSKHA no. 3:79-82 '62.
Promising method for increasing the fertility of sandy soils. V. P. Kuzina. Zemledelie 24 no. 8:63-68 Ag '62.

SANGAL'KA VALLEY—LUMBERING
On the banks of a taiga river. V. Aksinenko. Part. zhizn' no. 19:51-54 O '62.

SANITARY ENGINEERING
Semiautomatic welding of the pipes of sanitary-engineering systems S. D. Dubrovkin, N. N. Chistiakov Vod. i san. tekh. no. 8 12-15 Ag '62.

SANITARY ENGINEERING—BIBLIOGRAPHY see Bibliography—Sanitary engineering

SANITARY ENGINEERING—EQUIPMENT AND SUPPLIES
In the Sanitary Engineering Research Institute of the Academy of Construction and Architecture of the U. S. S. R. Vod. i san. tekh. no. 8 36-39 Ag '62
Muskat, L. V. [Manual on materials for sanitation and ventilation mechanics and tinsmiths] Materialovedenie dlia slesarei-santekhnikov i slesarei-ventiliatsionnikov-zhestianshchikov. Moskva, Profizdat, 1962. 187 p.
New sanitary-engineering equipment. A. A. Biriukov Vod. i san. tekh. no. 8, 36-37 Ag '62.

SANITARY MICROBIOLOGY
Bacteriological method of determining the quality of raw materials of animal origin. G. L. Noskova, G. IU. Pek. Kons. i ov. prom. 17 no. 10;32-34 O '62.
Shortcomings of the instruction for the microbiological inspection of canned food production. A. S. Zaslavskii, L. E. Prokhorovich. Kons. i ov. prom. 17 no. 10;25-26 O '62.

SANZHEEV, GARMA DANTSARANOVICH, 1902-
A prominent specialist on Mongolian languages. S. Sarybaev. Izv. AN Kazakh. SSR. Ser. filol. i isk. no. 2:90 '62.

SAPROPELITES
Petrographic characteristics of sapropelites and saprohumoliths. A. I. Ginzburg. Sov. geol. 5 no. 8;62-78 Ag '62.

SARAPUL—MACHINE ACCOUNTING
How we mastered the operation of the "Optimatik" machines. S. Antikiev. Don. i krad. 20 no. 9:67-70 S '62.

SARATOV---AGRICULTURAL MACHINERY INDUSTRY

They are trying to use all the hidden potentialities of their industrial plant. M. Gnedkov, D. Kalinin Part. zhizn' no. 20 30-42 O '62.

SARATOV—AUXILIARY POLICE

Voluntary policemen are patrolling their city V. Karnysheva. Komsom. zhizn' no 15:23-24 Ag '62.

SARATOV—HEAT EXCHANGERS

Heat exchange apparatus manufactured by the Saratov Heavy Machinery Plant. Prom. energ. 17 no. 10:54-55 O '62.

SARATOV PROVINCE—CONSTRUCTION INDUSTRY

Saratov builders are searching for potentials to speed-up construction time. I. Prikhytok. Ekon. stroi. no. 8. 34-39 Ag '62.

SARATOV PROVINCE—FARM MANAGEMENT

Organization of land and crop rotation on state farms in the right-bank area of Saratov Province. T. V. Potekhina. Trudy MIIZ no. 14:43-52 '61.

SARATOV PROVINCE—GAS, NATURAL—GEOLOGY

"Methods of prospecting for oil and gas in the Volga Valley portion of Saratov Province" by K. A. Mashkovich. Reviewed by N. Uspenskaia, G. Riabukhin, N. Musychenko. Geol. nefti i gaza 6 no. 8:62-64 Ag '62.

SARATOV PROVINCE—LIBRARIES

After three years. Bibliotekar' no. 9:6-10 S '62

Librarians speak.... M. Pokatilova and others. Bibliotekar' no. 9:28-35 S '62.

Library activists speak.... N. Klimov and others. Bibliotekar' no. 9:35-37 S '62.

Party workers speak.... I. Nurkov and others. Bibliotekar' no. 9:23-28 S '62.

Soviets of workers' deputies and the library. A. Bochkarev. Bibliotekar' no. 9:20-22 S '62.

SARATOV PROVINCE---PETROLEUM GEOLOGY

"Methods of prospecting for oil and gas in the Volga Valley portion of Saratov Province" by K. A. Mashkovich. Reviewed by N. Uspenskaia, G. Riabukhin, N. Musychenko. Geol. nefti i gaza 6 no. 8:62-64 Ag '62.

SARATOV PROVINCE—SOVIETS

Soviets of workers' deputies and the library. A. Bochkarev. Bibliotekar' no 9:20-22 S '62.

SARATOV PROVINCE—STATISTICS

Saratov (Province) Statisticheskoe upravlenie. [Economy of Saratov Province in 1960; collected statistics] Narodnoe khoziaistvo Saratovskoi oblasti v 1960 godu; statisticheskii sbornik. Saratov, Gos. stat. izd-vo, 1962. 325 p.

SARCOLYSINE

Cytological and cytochemical changes in a culture of cells of the HeLa strain following the action of sarcolysine [with summary in English] M. A. Prosnov, T. G. Khaleeva Arkh anat., gist. i embr. 43 no. 7:51-59 Jl '62

Di (2-chloroethyl) amino derivatives of tyrosine. Part 1: Synthesis of 3-di (2'-chloroethyl) amino-4-methoxyphenylalanine. I. Sel'mishiu and others. Zhur. ob. khim. 32 no. 8:2464-2469 Ag '62.

Method for the qualitative determination of the products of hydrolysis of sarcolysine in the blood and in an aqueous saline solution. K. IU. Khorunzhaia. Vop. onk. 8 no. 8:66-67 '62.

SARY-ASSIYA DISTRICT—COAL MINES AND MINING

Method of mining thick steeply dipping seams in the [illegible] kmatov, F. S. Sotarov.

[illegible]rsanov, L. E. [Soviet satiric literature] Sovetskaia satiricheskaia literatura. Leningrad, [Pechatnyi dvor] 1955. 37 p. (RPB)

SAUCES

Application of γ-radiation for the preservation of soya sauces (from "Journal of Fermentation Technology," 39, no. 2, 1961). Ch. Tanbuti. Kons. i ov. prom. 17 no. 10:36-37 O '62.

SAURY see subdivision under Pacific Ocean

SAWMILLS

(see also subdivision under Perm Province)

Complete processing of wood by an enterprise. A. Kholmovskii. Les. prom. 40 no. 7:14-15 Jl '62.

Improving of the working conditions of a sawmill operator. L. B. Il'in, IU. A. Kopytov. Les. prom. 40 no. 7: 13 Jl '62.

Underground "sawmills." S. Troshin. Sov. shakht. 11 no. 9:26-27 S '62.

SAWMILLS---EQUIPMENT AND SUPPLIES

Mechanical system for loading short-cut timber into boxes G. B Korobov, K. I Mamaykin. Les. prom. 16 no. 7 6-7 Jl '62.

SAWS

Disk cuts hats. Stroi. i arkhit. Len 21 no. 2:30 F '62.

SAYAN MOUNTAINS---ALKALIES

Rare alkalies containing feldspars from the pegmatites of the Sayan Mountains [with summary in English]. IU M. Uchakin, A. A. Shimanskii, T. I. Pauller. Geokhimiia no. 8 673-680 '62

SAYAN MOUNTAINS—ARCHAEOCYATHIDAE

Conditions governing the occurrence of limestones with the Sanashtykgol fauna of Archaeocyatha in the Cambrian of the Western Sayans. A. P. Shcheglov. Trudy SNIIGGIMS no. 8 27-33 '60.

SAYAN MOUNTAINS—FELDSPAR

Rare alkalies containing feldspars from the pegmatites of the Sayan Mountains [with summary in English]. IU M. Uchakin, A. A. Shimanskii, T. I. Pauller, Geokhimiia no. 8. 673-680 '62

SAYAN MOUNTAINS—GEOLOGY, STRATIGRAPHIC

Cambrian of the northern slope of the Western Sayans. A. P. Shcheglov. Trudy SNIIGGIMS no. 8:34-49 '60.

SAYAN MOUNTAINS—GRANITE

Differentiated granitoid massifs of the Dzhoyskiy complex in the Western Sayan Mountains. D. M. Orlov Trudy VSEGEI 73:169-181 '62.

SAYAN MOUNTAINS—LIMESTONE

Conditions governing the occurrence of limestones with the Sanashtykgol fauna of Archaeocyatha in the Cambrian of the Western Sayans. A. P. Shcheglov. Trudy SNIIGGIMS no. 8:27-33 '60.

SAYAN MOUNTAINS—PALEOGEOGRAPHY—MAPS

Methods for compiling lithological and paleogeographical maps as revealed by the studies of the Devonian in the Altai-Sayan fold area E N. IAnov, N N. Predtechenskii. Trudy VSEGEI 72:28-45 '62.

SCAPULA—ABNORMITIES AND DEFORMITIES

Case of congenital deformation of the scapula in combination with a supernumerary omovertebral bone. I. S. Mozo, A. A. Rubanovich. Orthop., travm. i protez. 23 no. 6:67-68 Je '62.

SCATTERING (PHYSICS)

Some properties of the elastic scattering amplitude at high energies [with summary in English]. V. N. Gribov, I IA. Pomeranchuk. Zhur. eksp. i teor. fiz. 43 no 1:308-318 Jl '62.

SCENE PAINTING

Report from an artist's studio I Uvarova. Teatr 23 no 8 156-157 Ag '62

SCHIFF BASES

Investigation of infrared spectra of inner-complex compounds of uranyl with Schiff's bases and the determination of the length of the U=O bond. V. V. Zelentsov. Dokl. AN SSSR 146 no. 1:97-99 S '62.

SCHISTOSOMIASIS

Bilharziosis in ducks. N. T. Lytvyshko, IA. P. Pustovar. Visnyk sil'hosp. nauky 5 no. 6:102-105 Ag '62.

Schistosomiasis (bilharziosis) of the urinary bladder in children [with summary in English]. E. G. Aslamazov. Med. paraz. i paraz. bol. no. 3:317-323 '62.

"A

B. [Schizophrenia; its pathological zofrenia; patologicheskaia anatomiia. giz, 1962. 302 p.

th reserpine of preschool age children with ia [with summary in French]. V. P. Belov. psikh. 62 no. 7:1098-1102 '62.

SCHOLARS, AZERBAIJANI

Life of Zaynal Ābdin Shirwānī, an outstanding Azerbaijani scholar [in Azerbaijani with summary in English]. A A Guliev. Uch. zap Inst vost. AN Azerb. SSR 3, 39-66 '62

SCHOOL AND COMMUNITY see Community and school

SCHOOLCHILDREN—FOOD

Counters for school cafeterias. P. Gorbach. Obshchestv. pit. no. 6:49-50 Je '62.

SCHOOL EXCURSIONS

(see also subdivision under Korelichi District)

Goder, G. I. [Organizing student excursions devoted to specific subjects; for practice] Organizatsiia tematicheskikh puteshestvii shkol'nikov; iz opyta raboty. Moskva, Uchpedgiz, 1962. 114 p.

SCHOOL GARDENS

Sustoparova, F. A. [Country schoolteacher] Sel'skaia uchitel'nitsa. Izd. 2, , dop. Moskva, Uzhpedgiz, 1962, 173 p.

SCHOOL HYGIENE

(see also subdivision under Dnepropetrovsk, Moscow)

"The angle of vision" as a supplementary criterion in planning class rooms and the arrangement of furniture [with summary in English]. E. K. Glushkova. Gig. i san. 26 no. 12 34-38 D '61.

Motorina, M. P. [Outpatient service for the students of vocational and technical schools of the U. S. S. R.] Dispansernoe obsluzhivanie uchashchikhsia professional'no-tekhnicheskikh uchebnykh zavedenii v SSSR. Moskva, Profizdat, 1962. 126 p.

Our school's today and tomorrow. I. A. Kairov. Zdorov'e 8 no. 9:2-3 S '62.

The reader takes the floor. Zdorov'e 8 no. 9:10-11 S '62.

SCHOOL LIBRARIES

"Work of the school library" by F Setin Reviewed by N. Novichkova Bibliotekar' no 10 60-62 O '62

SCHOOL MANAGEMENT AND ORGANIZATION

Eighteenth Prokop'yevsk school. E. Vasil'eva. Nar. obr. no. 10:28-29 O '62.

SCHOOL SUPERINTENDENTS AND PRINCIPALS

Principal of a small school. E. Krechetova. Nar. obr no. 10:68-73 O '62.

SCHOOL SUPERVISION

Courses for improving the qualifications of inspectors. Vech. obrazovat. shkola 5 no. 3 95-96 My-Je '62,

For the notebook of a principal and the head of the teaching department. Nar. obr. no. 10:51 O '62,

SCHOOLS---FURNITURE, EQUIPMENT, ETC.

Homemade device for hanging maps. K. M. Urbanchian. Geog. v shkole 25 no. 5:69 S-O '62.

How to provide students with good furniture. D. Liashchynskii. Nar. asv. no. 6:11-14 Je '62.

SCIENCE

Inner contradictions of science; new theories and the production requirements of society. A. I. Perel'man. Priroda 51 no. 8:43-47 Ag '62.

News around the world. Tekh. mol. 30 no. 9:34-35 '62.

Nitskanskii, S. G. [Use of cybernetics in natural sciences] Primenenie kibernetiki v estestvoznanii. Kishinev, Izd-vo sel'khoz. lit-ry, 1962. 40 p.

SCIENCE---BIBLIOGRAPHY see Bibliography—Science

SCIENCE---INTERNATIONAL COOPERATION

Danish scientists in the U. S. S. R. Atom. energ. 13 no. 3:285-287 S '62.

SCIENCE—PHILOSOPHY

The concept of science and the building of a communist society. P. E. Sivokon'. Vest. Mosk. un. Ser. 6. Ekon., filos. 17 no. 5:43-53 S-O '62.

Frank, Philipp. [Philosophy of science; the link between science and philosophy. Translated from the English] Filosofiia nauki; sviaz' mezhdu naukoi i filosofiei. Obshchaia red. i vstup. stat'ia G. A. Kursanova. Moskva, Izd-vo inostr. lit-ry, 1960. 542 p. illus. (MH)

Hypothesis in natural sciences. L. V. Bazhenov. Vop. filos. 16 no. 8:154-164 '62.

SCIENCE—STUDY AND TEACHING

Step-up the training of engineering and science specialists. A. P. Aristov. Mekh. i avtom. proizv. 16 no. 8: 47-50 Ag '62.

SCIENCE AND COMMUNISM see Communism and science

SCIENCE FICTION

"Legends about star captains" by G. Al'tov. Book review. Znan.-sila 37 no. 7:37 Jl '62,

Let's increase the ranks of the gifted and able; propagandizing science fiction among pupils in grades 5-7. Z. P. Nedashkovskaia. Chit. zal dlia det. i iun no. 4: 53-57 '61.

Science books for young readers; propagandizing science fiction among pupils in grades 8-11. D. N. TSiratsian. Chit. zal dlia det. i iun. no. 4:88-123 '61.

SCIENCE NEWS

Across the whole world. Znan.-sila 37 no. 6:24-25 Je '62.

In the whole world. Znan.-sila 37 no. 7:16-17 Jl '62.

A little about many things. Znan.-sila 37 no. 5:50-51 My '62.

A little about many things. Znan.-sila 37 no. 7:38-39 Jl '62.

News, events, facts. Priroda 51 no. 8:113-122 Ag '62.

News, events, facts. Priroda 51 no. 9:116-123 S '62.

News, events, facts (from foreign sources). Priroda 51 no. 7:113-120 Jl '62.

Throughout the world. Znan.-sila 37 no. 5:38-39 My '62.

SCIENTIFIC APPARATUS AND INSTRUMENTS

Underwater ultraviolet emitter. Ryb. prom. 66:20-24 '61.

bdivision under Moscow

n.-sila 37 no.5 54-55

erview with Professor
e World Federation of
nopol'skii. Nov.vrem.

ici Kazakhstan

n. Tekh.mol. 30 no.9:

itheses of benzimidazoles
heir scintillation proper-
azalov, I.IA. Postovskii
-2633 Ag '62.
itheses of benzoxazoles with
scintillation properties.
no, S A Mazalov. Zhur.
Ag '62.

ov, [Photomultipliers in
nnozhiteli v sisintilliia-
rva, Gosatomizdat, 1962.

[MICROFILM]

z'. Nar.khoz.Kazakh. 20

e scleroderma [with
Vysotskii Och klin.nevr

ology of Scopolia carni-
i.zhur. 47 no.7:1017-

UIPMENT AND

ssing at the "Vtorcher-
Pukhomov. Met i
My-Je '62

veying and retreatment of
inev, V.P.Alenichev. Avt.
2.

omatic lines. E.M.Ber-
43-44 O '62.

e-Wee universal thread-
noko, V.D.Kozyrev.
S '62.

ght metric screw threads.
Standartizatsiia 26

ose. Izobr.i rats. no.8:

OLOGY)
the flue gases of soda
himelev, V.F.Maksimov.
S '62.

vskii. [Centuries, sculp-
ptory, pamiatniki. Mo-
62. 225 p.
N.Bannikov. Sov.voin

bdivision under Taman

vision under Apollonia

Donets Valley)
eriod in the Sula and Do-
V.A.Ilinskaia. Arkheo-

en ice abroad] Issledova-
om. Leningrad, Gidro-

der United States

ochemistry of uranium in
Trudy IGEM no.70:15-

RTIES
prom. 56:14-20 '61.

SEALING (TECHNOLOGY)

Results of experimental investigations of centrifugal-type hydrodynamic sealings. L.S.Arinushkin, V.I.Dumov, I.F.Vainbaum. Izv.vys.ucheb.zav.; av.tekh. 5 no.3: 131-112 '62.

SEAMEN see subdivision under Baltic States

SECONDARY ELECTRON EMISSION

Energy spectrum of slow secondary electrons in the case of adsorption of thin silicon and platinum films on beryllium. I.M.Bronshtein, IA.M.Shchuchinskii. Izv.vys.uch.zav., fiz. no.4:102 '62.

Field enhanced secondary electron emission of thin films of sodium chloride L.A Serebrov, S A Fridrikhov Radiotekh i elektron 7 no 9 1649-1656 S '62

Nonelastic scattering of electrons and secondary electron emission of solids I M Bronshtein, B S Fraiman Radiotekh i elektron 7 no 9 1643-1648 S '62.

Study of field-dependent transmission of secondary electron emission N.L IAsnopol'skii, V S Malysheva Radiotekh i elektron 7 no.9:1657-1664 S '62.

Theory of secondary electron emission. S.V.Izmailov. Fiz.tver.tela 4 no.9:2554-2566 S '62.

SECONDARY RECOVERY OF OIL see subdivision under Kinel'-Cherkassy District

SECRET POLICE

"Studies on the history of the All-Russian Extraordinary Commission, 1917-1922" by P. G. Sofinov Reviewed by IU. P. Titov. Vop.ist no 9:116-118 S '62.

SECTS

(see also subdivision under Odessa)

Facts reveal. Nauka i rel. no.8:37 Je '62.

Facts reveal. Nauka i rel no.9:34 S '62.

SEDGES see subdivision under Kuybyshev Province

SEDIMENTATION AND DEPOSITION see subdivision under Ob' Valley

SEED POTATOES

(see also subdivision under Krasnodar Territory)

Growing seed potatoes D I Filippov Agrobiologiia no 4 532-534 Jl-Ag '62

SEED PRODUCTION

(see also subdivision under Canada; Kiev Province, United States)

Seed characteristics and the growing of seedlings of the white willow. P.N.Vakuliuk. Visnyk sil'hosp.nauky 5 no.8:113-114 Ag '62.

Time for harvesting wheat for seed in separate stages [with summaries in English, German, and French]. L.A.Azin. Vest.sel'khoz.nauki 7 no.8.15-20 Ag '62.

Zoat in work. N.S.Arkhangel'skii. IUn.nat. no.8:20 Ag '62.

SEEDS

Treating seed before sowing with high-voltage alternating current [with summaries in English, German, and French]. M.G.Evreinov and others. Vest.sel'khoz. nauki 7 no.8:95-98 Ag '62.

SEEDS—DISINFECTION

Disinfecting machine of continuous action for corn seeds. M.Kvatnyi. Muk.-elev.prom. 28 no.7:11 Jl '62.

Practices in the use of a disinfecting machine for corn seeds. G Smetaniuk Muk.-elev.prom. 28 no.7:10-11 Jl '62.

SEEDS—STORAGE—BIBLIOGRAPHY see Bibliography—Seeds—Storage

SEEPAGE

Investigating the seepage from canals. V.V.Poslavskii, S.A.Girshkan, I.P.Mochalov. Gidr.i mel. 14 no.6: 11-18 Je '62.

SEGNI, ANTONIO, 1891-

Antonio Segni. Mir.ekon.i mezhdunar.otn. no.10:131 O '62.

SEIGNETTOELECTRIC SUBSTANCES see Ferroelectric substances

SEISMIC PROSPECTING

(see also subdivision under West Siberian Plain)

Correlation of amplitudes of flat waves in a layered medium. E.K.Lossovskii. Geofiz.sbor. no.3:3-12 '62.

Errors attributable to a time limitation on the impulse in a frequency analysis. N.E.Grin', M.A.Lazarenko. Geofiz.sbor. no.3:13-18 '62.

Materials on geology and geomorphology of the Kulunda Steppe; experience in interpreting geophysical data. Z.Kh.Telliakova. Trudy SNIIGGIMS no.17:93-98 '61.

Methods for seismic modeling. V.P.Telezhenko. Trudy SNIIGGIMS no.17:99-112 '61.

Possibility of using the seismoelectric method in prospecting for quartz veins. Z.V.Mazanova, N.M.Neishtadt, L.N.Osipov. Trudy VITR no.5:100-113 '62.

Selection of the optimum conditions of exciting elastic vibrations. S.A.Kaplan. Geofiz.razved. no.9:28-36 '62.

Shape of hodographs of reflected waves in the case of a linear source of fluctuations. IU.A.Vasil'ev. Geofiz. sbor. no.3:19-24 '62.

Some results of the use of seismic echo waves in a study of the earth's crust IU.N Godin, I.S. Vol'vovskii, V.Z. Riabol. Dokl.AN SSSR 146 no 2 340-343 S '62.

Use of the seismic method in prospecting for purposes of engineering geology. S.A.Nazarnyi. Trudy VITR no.5:114-130 '62.

SEISMIC PROSPECTING—MODELS

Normal reflection of lateral waves in perforated materials for seismic modeling. P.G.Gil'bershtein, I.I. Gurvich. Geofiz.razved. no.9:3-7 '62.

Use of porous materials for making volumetric seismic models with controlled properties. P.G.Gil'bershtein, V.S.Pochtovik. Geofiz.razved. no.9.8-27 '62.

SEISMIC WAVES see subdivision under Carpathian Mountains

SEISMOLOGY

(see also subdivision under Vrancea region)

Study of the internal structure of the earth based on seismic data. E.F.Savarenskii. Vest.AN SSSR 32 no.9: 134-135 S '62.

SEISMOMETERS

Increasing the resolving power and the quality of seismograms. O.K.Skikevich. Geofiz.sbor. no.3 25-34 '62.

SEISMOMETRY

(see also subdivision under Vrancea region)

Seismic microzoning on the basis of instrumental observations. S.A.Piruzian. Izv.AN Arm.SSR.Ser.tekh.nauk 15 no.1 43-52 '62.

Use of an alternating current amplifier in signaling devices for strong earthquakes. O P Kostiuk, IE V Sal'nikov Kat karp.zemletrus no 1.39-42 '58

SELENIDES—SPECTRA

Absorption spectra of some diselanides. L.M Katsova, E.G Katsev Zhur ob.khim. 32 no 8:2710-2713 Ag '62.

SELENIUM see subdivision under Fergana

SELENIUM CELLS

Selenium photocells with a mercury selenide layer. M.IA.Bakiev, R.B.Gasymov Izv.AN Azerb.SSR. Ser.fiz.-mat.i tekh.nauk no.3:89-94 '62

SELIGER, LAKE

Present and future of Lake Seliger. M.P.Smetrianov, IU.I.Nikanorov. Priroda 51 no.8:85-92 Ag '62.

SELINENE

Isolation of d-β-selenene and l-β-selinene from the essential oil of Libanotis transcaucasica Schishk fruits. G.V.Pigulevskii, A.V.Borovkov. Zhur ob khim. 32 no 9:3106 S '62

SEMANTICS (PHILOSOPHY)

"Lincos" by Hans Freudenthal. Reviewed by R.Dobrushin, A.Kondratov. Znan.-sila 37 no.7:10-12 Jl '62.

The semantic concept of truth [with summary in English, p.186]. A.A.Vetrov. Vop.filos. 16 no 9:63-74 '62.

SEMEN

Using the seminal fluid to dilute the sperm of cocks. Kh.F.Kushner, I.E.Novik. Zhur.ob.biol. 23 no.4: 320 Jl-Ag '62.

SEMEN—PRESERVATION

Methods and technique of freezing bull semen at -196° centigrade. M.I.Lopatko. Visnyk sil'hosp.nauky 5 no.8:92-94 Ag '62.

SEMICARBAZONE

Metallic derivatives of diacetylsemicarbazone oxime. A.V.Ablov, N.I.Belichuk. Zhur.neorg.khim. 7 no.9:2061-2065 S '62.

SEMICONDUCTORS

Effect of the intensity of light on the velocity of surface recombination. M.Azizov. Izv.AN Uz.SSR.Ser.fiz.-mat.nauk 6 no.4:67-71 '62.

Heating of the current carriers in semiconductors in strong electric fields. T.IA.Banis and others. Radiotekh i elektron. 7 no.9:1519-1522 S '62.

Ordering mechanism in ternary semiconductor compounds. L.S.Palatnik, V.M.Koshkin, L.P.Gal'chinetskii. Fiz. tver.tela 4 no.9:2365-2371 S '62.

Theory of hot electrons in semiconductors. Sh.M. Kogan. Fiz.tver.tela 4 no.9:2474-2484 S '62.

Theory of the photomagnetic effect in thin semiconducting layers. M.Azizov. Izv.AN Uz.SSR.Ser.fiz.-mat. nauk 6 no.4:62-66 '62.

Use of the storage effect for measuring the life of minority current carriers. V V.Berzenko, I A.Ryzhak. Izv.vys.ucheb.zav., radiotekh 5 no.3:388-390 My-Je '62.

SEMICONDUCTORS—ELECTRIC PROPERTIES

Contactless measurement of the active resistance of semiconductors at a high frequency. M.I.Iglitsyn, A.M. Pashaev. Izv.AN Azerb.SSR.Ser.fiz.-mat.i tekh.nauk no.3:69-75 '62.

SEMICONDUCTORS—THERMAL PROPERTIES

Theory of thermal effects in atomic semiconductors. E.N.Agafonova, N.I.Lychagin. Izv.vys.uch.zav.; fiz. no.4:173-176 '62.

Theory of thermal phase shifts in semiconductor rectifiers. F.IA.Rabinovich. Izv.AN Uz.SSSR.Ser.fiz. mat.nauk 6 no.2:16-54 '62.

SEMICONDUCTORS, EFFECT OF RADIATION ON

Asymmetry index and half-width of the probing characteristics of cadmium sulfide. A.E.Kiv, O.R.Nitazova Izv.AN Uz.SSSR.Ser.fiz.mat.nauk 6 no.2:82-83 '62

SEMIPALATINSK PROVINCE—MANUFACTURES

Place local and economic council industries under equal conditions. P.Okhrimenko Nar.khoz Kazakh 20 no.8:71-72 Ag '62.

SEMIRECH'YE—RUGS AND CARPETS

Some information on the Kazakh felt and weaving industries in Semirech'ye. M.S.Mukanov. Trudy Inst.ist., arkheol.i etn.AN Kazakh SSR 16:54-71 '62.

SEMIRECH'YE—USUN

Anthropologic characteristics of the Usun people in Semirech'ye. O.Ismagulov Trudy Inst.ist., arkheol i etn.AN Kazakh.SSR 16:160-101 '62.

SENEGAL—DESCRIPTION AND TRAVEL

Lentin, Albert Paul. [Senegal today. Translated from the French] Senegal segodnia. Moskva, Izd-vo vostochnoi lit-ry, 1961. 68 p. illus.
(CU)

SEPARATORS (MACHINES)

Concentrating manganese ore in a magnetite suspension in a hydrocyclone. G.M.Kosoi, L.F.Subbota. Met i gornorud.prom. no.4:60-63 Jl-Ag '62

Extracting gravel with a hydraulic classifier. N.G. Vasilov. Transp.stroi. 12 no.8:35 Ag '62

Investigation of a diethylene glycol-gasoline emulsion, and methods for designing horizontal flow separators of emulsions. V.I.Mogil'nyi, A.V.Stepanov. Trudy Inst.lap.gaza AN USSR 9:90-96 '61.

Use of a hydraulic cyclone with a magnetic coil in the crushing cycle. IU.A.Matt'ianov, P.V.Miroshnikov. Gor.zhur. no.9:65-66 S '62.

SEPTICEMIA

Use of levomycetin in controlling hemorrhagic septicemia in carp. IU.D.Nechiporenko and others. Ryb.khoz. 38 no.7:30-31 '62.

SEQUENCES (MATHEMATICS)

Axial images of conjugate nets of n-dimensional projective space and some problems related to them. V.V.Goldberg. Mat.sbor. 58 no.2:749-764 O '62.

Comparison of the speed of growth of polynomials and of the maxima of their moduli. F.M.Rivkina. Sib.mat. zhur. 3 no.3:409-417 My-Je '62.

Some properties of weakly and strongly converging sequences of completely additive set functions. M.P. Kvachko. Izv.AN Kazakh.SSR.Ser.mat.i mekh. no.10:60-69 '62.

SERAFIM, Bishop of Kursk and Belgorod, 1905-

Nomination and ordination of Archimandrite Serafim (Nikitin). Zhur.Mosk.Patr. no.8:5-9 Ag '62

SERBIA—HISTORY

European diplomacy and Serbia in the early 1860's. Vop. ist. no.8,75-102 S '62

SERBIA—SERFDOM

Evolution of feudal rent in Serbia, northern and central Macedonia, and Zeta in the first half of the 14th century. P.P.Nikonov. Uch.zap.Inst.slav. 24:255-278 '62.

SERBIAN POETRY—HISTORY AND CRITICISM

Serbian modernist poetry at the end of the 19th and beginning of the 20th century. R.F.Doronina. Lit. slav.nar. no.7:93-143 '62.

SERFDOM
(see also subdivision under Macedonia; Serbia)

The situation of Russian serfs and their flight from landowners in the first quarter of the 19th century. A.I. Parusov. Uch.zap.GGU 41 no.4:50-118 '59.

SERGACH—AMATEUR THEATRICALS

Principles, opportunities, propositions. P.Bogdanov. Teatr 23 no.8:179-181 Ag '62.

SERGEEV, FEDOR ANDREEVICH, 1883-1921

Ukraine. TSentral'nyi gosudarstvennyi arkhiv Oktiabr'skoi revoliutsii i sotsialisticheskogo stroitel'stva. [Artem in the Ukraine; documents and source materials] Artem na Ukraine; dokumenty i materialy. [Khar'kov] Khar'kovskoe knizhnoe izd-vo, 1961. 324 p.

SERICULTURE

Physical and mechanical properties of silk and fabrics manufactured from cocoons killed by gamma rays. U.A.Arifov and others. Izv.AN Uz.SSR.Ser.fiz.mat. nauk 6 no.2:60-66 '62.

SERIES

Absolute convergence of series. A.N.Safonov. Uch. zap.IAr.gos.ped.inst. no.34:193-197 '60.

Methods of summation of series equivalent to S.N. Bernshtein's methods. A.N.Safonov. Uch.zap.IAr. gos.ped.inst. no.34 183-190 '60

Solving the problem of two stationary centers by expansion in a series. R.K.Choudkhari Vest.Mosk.un.Ser. 3 Fiz., astron. 17 no.1 83-91 Jl-Ag '62.

SERIES, FOURIER see Fourier series

SERIES, ORTHOGONAL

Orthogonal series in terms of complete systems. A.M. Olevskii. Mat.sbor. 58 no.2:707-748 O '62.

SEROLOGY

Protein characteristics of plants, their qualitative analysis and quantitative determination of the degree of their structural similarity by serological methods [with summary in English]. I.Kloz. Fiziol.rast. 9 no.4 496-501 '62.

SEROV, VALENTIN ALEKSANDROVICH, 1865-1911

Grabar', I.E. [Serov the sketcher] Serov, risoval'shchik. Moskva, Akad. khudozh. SSSR, 1961. 47 p. plates.
(MH)

SERPENTINITES see subdivision under Bet-Pak-Dala

SERPENTS see subdivision under Tashkent region, Tonkin, Gulf of

SERUM

Antigen structure of tumors in man. Report No.1 Preparation of specific sera to human stomach cancer [with summary in English]. Z.A.Avenirova, L.A. Ludogovskaia. Vop.onk. 8 no.6:48-51 '62.

SERUM ALBUMIN—STERILIZATION

Search for optimum regimes for the sterilization of blood serum and blood substitute solutions in an ultrasonic field. V.M.Moikina Probl.gemat.i perel.krovi no.6: 40-43 '62.

SERUM DIAGNOSIS

Differential diagnosis of taeniids in dogs and of the helminthiases caused by them using immunological reactions. S.A.Azbinov. Trudy Rost.NIVS no.12:257-261 '60.

The eye method and the serum-instillation RA in cattle as indices of brucellosis infection. F.P Lokteva Trudy Rost.NIVS no.12:38-41 '60.

Some results of using the anti-ixitant serum at the Experimental Station of Plant Protection [with summary in English]. Z.P.Kochalova. Izv.TSKHA no.3:211-220 '62.

SERVOMECHANISMS

Akhmetzhanov, A.A. [Synchronous tracking systems of greater accuracy] Sinkhronno-slediashchie sistemy povyshennoi tochnosti. Moskva, Oborongiz, 1962. 211 p.

Calculating optimum servosystems for stationary random actions. E.D.Chernykh. Izv.vys.ucheb.zav.,prib. 5 no.5:60-64 '62.

Effect of parameters of a relay servomechanism on the boundaries of phase space regions. L.V.Rabinovich. Trudy MAI no.116:135-150 '62.

Equations of a relay servomechanism. L.V.Rabinovich Trudy MAI no.146.105-134 '62.

Reproducing sinusoidal oscillations by a servomechanism with control elements having torque and rate limitations. B.I Petrov. Trudy MAI no.146.5-30 '62.

SESPEL', MIKHAIL KUZMICH, 1899-1922

New information on Mikhail Sespel', N.I.Ivanov. Uch. zap.ChNII no.21:328-347 '62.

SEVASTOPOL—ELECTRICIANS

Lozinskii, M.L. [They turn the lights on; from a worker's diary] Oni zazhigaiut ogni; iz dnevnika rabochego. Simferopol', Krymizdat, 1962. 138 p.

SEWAGE—PURIFICATION
(see also subdivision under Baikal Lake region; Latvia)

Conference on the sanitary protection of reservoirs. Bum.prom. 37 no.9:16 S '62.

Methods of sewage purification. L.A.Mazing and others. Bum.prom. 37 no.9:7-10 S '62.

Protect Lake Ladoga against pollution. R.S.Don'gina. Bum.prom. 37 no.9:14-16 S '62.

Purification and disinfecting of sewage in the new wood-pulp and paper factories. P.S.Varfolomeev. Bum. prom. 37 no.8:4-6 S '62.

Purification of mercury-containing waste waters A.L Gol'dinov and others. Khim.prom. no.8:610-612 Ag '62.

Purification of sewage waters of wood-chemistry industries. Report No.1. N.P.Drozdov, A.N.Kiselev, L.I Il'ina. Gidroliz.i lesokhim.prom. 15 no.6:6-9 '62

SEWERAGE, RURAL

Coordinating conference on the theme of the State Committee on Construction of the U.S.S.R. "Water Supply and Sewerage for Rural Settlements." Vod.i san.tekh. no.7:35-36 Jl '62.

SEWING—STUDY AND TEACHING

Akademiia pedagogicheskikh nauk RSFSR, Moscow. Institut proizvodstvennogo obucheniia. [Training of workers specializing in sewing in secondary schools] Opyt podgotovki rabotnikov shveinykh spetsial'nostei v srednei shkole. Pod red. E.D.Varnakovoi. Moskva, Izd-vo Akad.pedagog.nauk RSFSR, 1962. 93 p. (Pedagogicheskie chteniia)

SEWING MACHINES

Plotting of diagrams of the thread feed of sewing machines with a double-thread chain stitch A.I. Komissarov, I.S.Zak Nauch.trudy MTILP no.23 171-179 '61

Plotting of diagrams of the thread feed of sewing machines with rotating loopers A.I Komissarov, V.I Fedorov Nauch trudy MTILP no.23 180-189 '61

Types of the mechanisms of overcasting machine loopers V.P Polukhin Nauch trudy MTILP no.23 190-197 '61

SEWING MACHINES—ELECTRIC DRIVING

Problem of the electric driving of sewing machines. B.P. Medvedev, N.I Malysheva Nauch.trudy MTILP no.23 240-247 '61

SEX (BIOLOGY)

Effect of environmental conditions on sex determination in Drosophila melanogaster P.G Svetlov. TSitologiia 4 no.1:391-402 Jl-Ag '62.

SHADOW PANTOMIMES AND PLAYS

Pantomime of motion-picture actors. G.Kryzhitskii. Isk.kino no.8:74 S '62.

SHAFT SINKING

Construction of the shaft top in unstable aqueous alluvial soils. V.P.Grudinin. Shakht.stroi. 6 no.9:26 S '62.

"Vibration method of shaft sinking in quick sands" by E.N.Shirai. Reviewed by V.M.Gorodnichev. Shakht. stroi. 6 no.9:32 S '62.

Zonal rock freezing in sinking a cage shaft at "Shurab" Mine No.8. A.Z.Litvin, L.B.Prozorov. Shakht.stroi. 6 no.10:21-25 O '62.

SHAFTING

Device for measuring the acceleration of rotating shafts F.K.Korolev, V.M Pestunov. Mashinostroenie no.4 116 Jl-Ag '62.

SHAKESPEARE, WILLIAM, 1564-1616

"Complete collected works in eight volumes" by William Shakespeare. Reviewed by E.Kornilova. Teatr 23 no.8 137-140 Ag '62.

Some methods for expressing humor in translations of Shakespeare's comedies into the Ukrainian language. D.M.Vavrynluk. Movoznavstvo 10:76-85 '61

SHAKHTY—COMMUNIST PARTY OF THE SOVIET UNION

Work with secretaries of primary party organizations. M.Khrichenko. Part.zhizn' no.19,57-60 O '62.

SHALE OILS

Alkyl aryl sulfonates from normal olefinic hydrocarbons of shale oil S.I Faingol'd, R.M Tomson. Khim i tekh.topl.i masel. 7 no.7 26-30 Jl '62.

SHALKOV, KONSTININ ALEKSEEVICH, 1907-1962

Konstantin Alekseevich Shalkov; an obituary. Ogneupory 27 no.8:388 '62.

SHAORA VALLEY—KARST

Karst of the Shaora Basin. E.M.Abashidze. Nov.ker. i spel. no.2:44-52 '61.

SHAPORIN, IURII ALEKSANDROVICH, 1887-—BIBLIOGRAPHY see Bibliography—Shaporin, IUrii Aleksandrovich, 1887-

SHARKS

Shark problem. Bengt Sjogren. Znan.-sila 37 no.6:33 Je '62.

SHATSKII, STANISLAV TEOFILOVICH, 1878-1934

Skatkin, L.N., and V.N.Shatskaia, ed. [On Stanislav Teofilovich Shatskii; articles and reminiscences] O Stanislave Teofiloviche Shatskom, stat'i i vospominaniia. Moskva, Akad.pedagog.nauk RSFSR, 1961. 141 p.

SHCHEGLIAEV, ANDREI VLADIMIROVICH, 1902-

Andrei Vladimirovich Shcheglaev. Teploenergetika 9 no.10:92 O '62.

SHCHERBATSKOI, FEDOR IPPOLITOVICH, 1866-1942

In memory of F.I. Shcherbatskoi. Vest.AN SSSR 32 no.9:150-151 S '62.

SHEBEKINO—AIR—POLLUTION

Air pollution with wastes from synthetic fatty acids and alcohols and their effect on public health [with summary in English]. F.I.Dubrovskaia and others. Gig.i san. 26 no.12:3-8 D '61.

SHEBELINKA REGION—OIL SANDS

Effect of cement on reservoir properties of Carboniferous rocks in the Shebelinka area. M.E.Doluda, S.V. Litvin. Geol.nefti i gaza 6 no.8:47-49 Ag '62.

SHEDDING OF FRUIT see Abscission (Botany)

SHEEP—ANATOMY
(see also subdivision under Kedabek District)
Case of freematinism in Karakul ewes as a consequence of vascular parabiosis in twins of different sex. V. T. IUrchenko. Dokl. AN SSSR 146 no. 1 254-256 S '62.

SHEEP—DISEASES AND PESTS
(see also subdivision under Rostov Province, Turkmenistan)
Poisoning of sheep by Indian mustard seeds (Brassica juncea Czern). A. K. Golosnitskii, I. V. Rodionov. Trudy Rost. NIVS no. 12:243-245 '60.
Resistivity of the causative agent of enterotoxemia of sheep to the action of various chemicals. IU. B. Safarov. Izv. AN Azerb. SSR. Ser. biol. i med. nauk no. 5 101-105 '62.
Study of pasture diseases in sheep with lesions of the tissues of the head and a working out of preventive measures. A. K. Golosnitskii, P. V. Bashmakova. Trudy Rost. NIVS no. 12 214-225 '60.

SHEEP—FEEDING AND FEEDS see subdivision under Kemiekh District; Nurata region

SHEEP—PARASITES see Parasites—Sheep

SHEEP—WATERING see subdivision under Nogay Steppe

SHEEP BREEDING see subdivision under Kazakhstan

SHEEP BREEDS
(see also subdivision under Azerbaijan; France)
Some essential problems of the further development of Soviet fine-wool sheep farming [with summary in English]. A. I. Nikolaev. Izv. TSKHA no. 2, 78-86 '62.

SHEEP HOUSES AND EQUIPMENT
Significance of sheds for shade in the raising and care of lambs under the conditions of an arid steppe zone. V. K. Parakin. Trudy Rost. NIVS no. 12:143-152 '60.

SHEET-METAL WORK
Causes of the rupture of die-stamped metal during bending and flanging. A. V. Nakaznoi. Kuz.-shtam. proizv. 4 no. 9:20-21 S '62.
Determining the elastic springback of sheet metals during rubber-pad forming of rectilinear edges. M. I. Razumikhin, A. D. Komarov. Kuz.-shtam. proizv. 4 no. 9: 15-20 S '62.
Die-stamping of thin-walled steel bottoms on single-action hydraulic presses. V. I. Kirienko. Kuz.-shtam. proizv. 4 no. 9:41-42 S '62.
Filippov, V. V., V. IA. Shekhter, and V. I. Olenev. [Fully and semiautomated sheet metal working lines] Avtomaticheskie i avtomatizirovannye kholodnoshtampovochnye linii. Pod obshchei red. V. P. Romanovskogo. Moskva, Mashgiz, 1962. 81 p. (Bibliotechka shtampovshchika, no. 1)
[MICROFILM]
High-output double-acting drawing press. A. D. Prokofev, E. I. Pikin. Mashinostroitel' no. 9 28 S '62.
Piece stamping on a press with a turret head and coordinate table. G. A. Gubanova. Vest. mashinostr. 12 no. 9:66-67 S '62.
Rovinskii, G. N. [Stamping large parts for the automobile industry] Shtampovka krupnogabaritnykh detalei avtomobil'noi promyshlennosti. Pod obshchei red. V. P. Romanovskogo. Moskva, Mashgiz, 1962. 73 p. (Bibliotechka shtampovshchika, no. 5)
Shalovich, L. L. [Specialization and cooperation in forging and sheet-metal work] Spetsializatsiia i kooperirovanie kuznechno-shtampovochnogo proizvodstva. Moskva, Mashgiz, 1962. 142 p.
Use of die sets in small-run and batch production. IA. L. Shteinberg. Kuz.-shtam. proizv. 4 no. 8:46-47 S '62.
Zav'ialov, V. M., and I. E. IUbarovskii. [Introduction of closed-die coining and cold extrusion at the Leningrad Phonograph Factory] Opyt vnedreniia ob"emnoi formovki i kholodnogo vydavlivaniia na Leningradskom patefonnom zavode. Leningrad, 1962. 17 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom, Serila. Gorichaia i kholodnaia obrabotka metallov davleniem, no. 2)

SHEET-METAL WORK—CONGRESSES
All-Polish conference in Warsaw. A. Z. Zhuravlev. Kuz.-shtam. proizv. 4 no. 8:3 of cover S '62.

SHEET-METAL WORK—EXPLOSIVES see Explosives in sheet-metal work

SHEET-METAL-WORKING MACHINERY
Lisitsyn, V. D., A. E. Budzilovskii, and I. S. Filina. [Special automatic die-stamping machines] Spetsial'nye shtampovochnye avtomaty. Pod obshchei red. V. P. Romanovskogo. Moskva, Mashgiz, 1962. 51 p. (Bibliotechka shtampovshchika, no. 3)
[MICROFILM]

SHELGUNOV, NIKOLAI VASIL'EVICH, 1824-1891
Critical views on literature of N. V. Shelgunov, 1859-1866. V. N. Trostnikov. Uch. zap. MGPI 160, 221-232 '61.
N. G. Shelgunov's contributions to "Sovremennik", 1861-1862. V. N. Trostnikov. Uch. zap. MGPI 160:195-220 '61.
N. V. Shelgunov's article "Russian difference of opinion" rejected by the censor. V. N. Trostnikov. Uch. zap. MGPI 160 333-346 '61.

SHEMAKHA DISTRICT—EROSION
Effect of erosion on some physical and chemical characteristics of soil and the yield of farm crops in Shemakha District. K. S. Ragimov, Kh. K. Seidova. Izv. AN Azerb. SSR. Ser. Biol. i med. nauk no. 3 109-118 '62.

SHEPTYTS'KYI, ANDRII, 1865-1944
Whom did this head serve? Vladimir Beliaev. Nauka i rel. no. 6:28-32 Je '62.

SHERESHEVSKII'S SYNDROME see Turner's Syndrome

SHEVCHENKO, TARAS, 1814-1861
Attributions of portraits painted by T. H. Shevchenko, 1845-1847. IE. O. Sereda. Pyt. shev. no. 3 35-47 '62.
Attributions of some paintings by T. H. Shevchenko in connection with their restoration. K. V. Chumak. Pyt. shev. no. 3 63-67 '62.
Burial of T. H. Shevchenko in the Ukraine. H. P. Palamarchuk. Pyt. shev. no. 3 82-102 '62.
Image of Prometheus in T. H. Shevchenko's poem "Caucasus." P. H. Prykhod'ko. Pyt. shev. no. 3 24-34 '62.
Reviews of the initial publication of T. H. Shevchenko's works. V. IE. Shubravs'kyi. Pyt. shev. no. 3 48-62 '62.
T. H. Shevchenko's "Picturesque Ukraine." L. I. Vnuchkova. Pyt. shev. no. 3 13-23 '62.
T. H. Shevchenko's poem "God's fool." V. Kh. Kosian. Pyt. shev. no. 3 68-81 '62.
Urgent problems in the study of Shevchenko's language. P. P. Pliushch. Pyt. shev. no. 3, 103-111 '62.

SHEVCHENKO, TARAS, 1814-1861—MUSEUMS, RELICS, ETC.
The T. H. Shevchenko State Museum of the Academy of Sciences of the Ukrainian S. S. R. K. P. Doroshenko. Pyt. shev. no. 3 3-12 '62.

SHEVCHENKO IN LITERATURE AND ART
Bulashenko, I. H. [T. H. Shevchenko in Soviet Ukrainian literature] T. H. Shevchenko v ukrains'kii radians'kii khudozhnii literaturi. Khar'kiv, Vyd-vo Khar'kivs'koho univ., 1962, 120 p.

SHIELDING (RADIATION)
New portable shield. I. M. Gimel'shtein, U. IA. Mosiondz. Atom. energ. 13 no. 3:299-300 S '62.

SHILLING, PAVEL L'VOVICH, 1786-1836
Founder of electromagnetic telegraphy, on the 125th anniversary of P. L. Shilling's death. A. V. [Arotskii]. Elektrichestvo no. 9, 82-86 S '62.

SHIP TRIALS
Results of trials of "Volgo-Don" type motorships. Rech. transp. 21 no. 9 27-28 S '62.

SHIPBUILDING WORKERS—DISEASES AND HYGIENE
Korotkov, D. I., and E. I. IUshtin. [Means of individual protection in shipbuilding] Individual'nye sredstva zashchity v sudostroenii. Leningrad, Sudpromgiz, 1962. 103 p. (Biblioteka po tekhnike bezopasnosti)

SHIPPING—ABSTRACTS
[Water transportation] Ref. zhur.: Vod. transp. no. 10 O '62.

SHIPS
Ships for channel dredging and maintenance. P. V. Sorvirushkin. Biul. tekh.-ekon. inform. Gos. nauch.-issl. inst. nauch. i tekh. inform. no. 9 73-76 '62.

SHIPS—HYDRODYNAMICS
Using the electrohydrodynamic method in determining the speed of the flow about the hull of a ship [with summary in English]. V. IU. I'latets'kyi. Prykl. mekh. 8 no. 4:425-432 '62.

SHIPS—MAINTENANCE AND REPAIR
Greater attention to the zero stage in ship repairs. N. Galeshov. Rech. transp. 21 no. 9:29 S '62.
Koltikh, B. L., G. A. Mitrokhin, and A. V. Nemtsev. [New welding processes in ship repairs] Novye tekhnologicheskie protsessy svarki v sudoremonte. Moskva, Izd-vo "Morskoi transport," 1962. 56 p.
Prospects for the expansion of ship repair centers. N. Rukavishnikov. Rech. transp. 21 no. 9:23-26 S '62.

SHIPS—WELDING
Okerblom, N. O. [Combination welded structures] Kombinirovannye svarnye konstruktsii. Leningrad, Sudpromgiz, 1962. 98 p.

SHIPYARDS see subdivision under Japan

SHIRVAN STEPPE see Kura Lowland

SHIRVANI, SEID AZIMA
Seid Azima Shirvani's Persian gazels [in Azerbaijani with summary in Russian]. Izv. AN Azerb. SSR, Ser. obshchestv. nauk. no. 11:101-113 '61.

SHKAPOVO REGION—OIL FIELDS—PRODUCTION METHODS
Programming the development of the D1 layer of the Shkapovo field. N. K. Mikhailovskii and others. Nauch. tekh. sbor. po dob. nefti no. 1 65-70 '58.

SHOCK ABSORBERS
Blinova, Z. A., L. E. Vinnitskii, and G. M. Derkasov. [Shock absorbers with rubber parts for railroad rolling stock] Amortizatory s rezinovymi detaliami dlia podvizhnogo sostava. Moskva, Transzheldorizdat, 1962. 22 p.
Investigating the shock absorption devices of automatic couplings. S. V. Vershinskii, O. G. Boichevskii, P. T. Grebeniuk. Vest. TSNII MPS 21 no. 6 3-7 '62.
Structural characteristics of rubber shock absorbers. V. S. Novoselov. Izv. vys. ucheb. zav., prib. 5 no. 4 105-114 '62.

SHOCK WAVES
Adiabatic one-dimensional motions of an ultrarelativistic gas [with summary in English]. K. P. Stanjukovich. Zhur. eksp. i teor. fiz. 43 no. 1 199-201 Jl '62.
Energy of sound waves propagating in moving media. O. S. Ryzhov, G. M. Shefter. Prikl. mat. i mekh. 26 no. 5:854-866 S-O '62.
Ionization kinetics behind a straight shock wave in air. IU. S. Sviatov. Dokl. AN SSSR 146 no. 2 309-312 S '62.
A more accurate formulation of the law of pressure distribution. A. G. Bagdoev. Izv. AN Arm. SSR, Ser. fiz.-mat. nauk 15 no. 3:127 '62.
One-dimensional soil movements with different boundary conditions [with summary in English]. V. S. Antsiferov. Vest. Mosk. un. Ser. 1, Mat., mekh. 17 no. 5:65-73 S-O '62.
Propagation of the shock wave in a channel with variable cross section. V. G. Dulov. Izv. vys. ucheb. zav.; av. tekh. 5 no. 3:17-24 '62.

SHOE INDUSTRY see subdivision under Lvov Economic region

SHOE INDUSTRY—LABOR PRODUCTIVITY
Labor productivity is the most important economic index of the economic activities of an enterprise. Kozh.-obuv. prom. 4 no. 9 1-4 S '62.

SHOE MACHINERY
Ashratova, S. K., and V. M. Almazov. [Single-thread column Class 201 sewing machine for stitching the welt to the shoe upper] Odnoniteichnaia kolonkovaia shveinaia mashina 201 klassa dlia prishivki ranta k zagotovke. Moskva, Rostekhizdat, 1962. 79 p. (Novoe otechestvennoe oborudovanie)
Manufacture of nailing heads and nail feed boxes of the all-purpose power presses for shoe heeling. G. L. Stoklassek. Kozh.-obuv. prom. 4 no. 9:15-17 S '62.
New sewing machines for shoe manufacture. S. K. Ashratova. Kozh.-obuv. prom. 4 no. 9 10-15 S '62.
The PZF-0, NK-0, OZ-0 machines for shoe manufacture. D. L. Fuk'tianova. Biul. tekh.-ekon. inform. Gos. nauch.-issl. inst. nauch. i tekh. inform. no. 9:53-55 '62.
Waste of material caused by the deformation of the cutting knives. K. M. Platunov, S. I. Kul'chitskii. Kozh.-obuv. prom. 4 no. 9 29-32 S '62.

SHOE MANUFACTURE
Bending strength of the sole construction fastened with the thread-cement system. V. N. TSvetkov, O. P. Sychenkova. Nauch. trudy MTILP no. 23 112-149 '61.
Effect of the nature of the glued material on the temperature conditions of gluing. N. K. Baramboim, E. P. Saltusova, S. P. Cherimisinova. Nauch. trudy MTILP no. 23:71-74 '61.
Footwear without lining. G. E. Ezerskii. Kozh.-obuv. prom. 1 no. 9, 5-8 S '62.
Interaction of film and insole in cemented systems. IU. M. Gvozdev, IU. A. Lineva. Nauch. trudy MTILP no. 23 75-81 '61.

SHOEMAKERS see subdivision under Leningrad

SHOLOKHOV, MIKHAIL ALEKSANDROVICH, 1905-
Lukin, IU. B. [Mikhail Sholokhov; a critical and biographical study] Mikhail Sholokhov, kritiko-biograficheskii ocherk. Moskva, Sovetskii pisatel', 1962. 282 p.
Motifs of folk poetry in the works of M. Sholokhov. I. Ulybyshev. Uch. zap. MGPI 172:243-268 '61.
On the craftsmanship of M. Sholokhov. Viktor Gura. Vop. lit. 6 no. 9:171-183 S '62.

SHOT PEENING
Semiautomatic unit for shot-blast cleaning of internal and external pipe surfaces. P. I. Shevchenko, I. A. Grankin. Mashinostroenie no. 4:56-57 Jl-Ag '62.

SHOOTING
(see also subdivision under Kazakhstan)
Iodko, V. V. [Training aid in sport shooting] V pomoshch' treneru po strelkovomu sportu. Moskva, Izd-vo DOSAAF, 1962. 157 p.
"Shooting for sport" by A. A. Iur'ev. Reviewed by I. Rabinovich. Voen. znan. 38 no. 9:39 S '62.
Youth moves ahead. A. Pavlov. Voen. znan. 38 no. 9: 27-28 S '62.

SHOULDER JOINT—DISEASES

Some data on humeroscapular periarthritis I. L. Krupko. Orthop., travm. i protez. 23 no. 6 11-17 Je '62.

SHOULDER JOINT—DISLOCATION

Bilateral fracture of the neck of the humerus in combination with luxation of the shoulder joints in electrical trauma. O. A. Naryscheva, L. I. Kraitser. Orthop., travm. i protez 23 no. 6 65-67 Je '62.

Clinical symptomatology and the X-ray picture of habitual dislocation of the shoulder. V. IU. Goliakhovskii. Orthop., travm. i protez. 23 no. 6 17-20 Je '62.

SHOULDER JOINT—SURGERY

Technic of arthrodesis of the shoulder joint. S. A. Liberzon. Orthop., travm. i protez. 23 no. 6 63-64 Je '62.

SHOULDER JOINT—WOUNDS AND INJURIES

Clinical aspects and treatment of deep burns in the region of the shoulder joint. N. V. Gudim-Levkovich Orthop., travm. i protez. 23 no. 6 21-24 Je '62.

Lesions of the shoulder joint, according to literature data. B. Bolchev. Orthop., travm. i protez. 23 no. 6 74-77 Je '62.

Treatment of injuries to the shoulder joint. D. K. IAzykov. Orthop., travm. i protez. 23 no. 6 3-11 Je '62.

SHOW WINDOWS

Showing one's "wares in the best light." E. Goncharova. Raspr. pech. no. 9 5 S '62.

SHRIMPS see subdivision under Black Sea

SHUNKOV, VIKTOR IVANOVICH

Election of the new members of the Department of History of the Academy of Sciences of the U. S. S. R. Vop. ist. no. 9:103-104 S '62.

SHURAB REGION—SOIL FREEZING

Zonal rock freezing in sinking a cage shaft at "Shurab" Mine No. 8. A. Z. Litvin, L. B. Prozorov. Shakht. stroi. 6 no. 10, 21-25 O '62.

SHVARTS, EVGENII L'VOVICH, 1896-1962

Childhood. Evgenii Shvarts. Isk. kino no. 9:95-102 S '62.

Lines of memories. Mikhail Shapiro. Isk. kino no. 9:92-94 S '62.

"Pechatnyi dvor." Evgenii Shvarts. Isk. kino no. 9:102-108 S '62.

A storyteller among us just as in former times! Sergei TSimbal. Isk. kino no. 9:84-91 S '62.

What is the purpose of writing a tale? Ernst Garin Isk. kino no. 9:91-92 S '63.

SHYGMOGRAPH

Manufacture of I. G. Sharabrin's oscillosphygmometer and its use in clinical work. P. N. Korikov. Vest. sel'khoz. nauki [Kazakh.] 5 no. 7:78-80 Jl '62

SHYNESS see Bashfulness

SIBAY REGION—ELECTRICITY IN MINING

Use of the KZDSh-58 relay in the Sibay Mine. V. K. Rubtsov. Vzryv. delo no. 48/5 108-111 '62.

SIBERIA—CROPS AND CLIMATE

Agroclimatic basis for raising creeping orchards in Siberia and the Virgin Territory. Trudy TSIP no. 101: 26-52 '62.

SIBERIA—ECONOMIC POLICY

"Siberia's future; expansion of the economy during the seven-year plan" by V. V. Kistanov. Reviewed by n. no. 6:118-120 Je '62.

'WER PLANTS

onference on the construction of ower plants in Siberia. N. IA. ka 9 no. 10,93 O '62.

ories. V. Smirnov. Vokrug 62

ion of Siberia in the historical ntury" by V. G. Mirzoev. Re- Vop. ist. no. 9:125-127 S '62

ry of capitalism in Siberia, nov. Ist. SSSR 6 no. 5:248-250

utionary movement in Siberia lutsionnoe dvizhenie v Sibiri Tomsk] Izd-vo Tomskogo univ.,

o istorii Sibiri i Dal'nego Vos- 0. [Studies of the Conference on id the Far East; papers deliv- ion and at the meetings of the ary History, Archaeology, and 0] Voprosy istorii Sibiri i Dal'- torialy plenarnogo zasedaniia i ogo perioda, arkheologii i et- ovosibirsk, Izd-vo Sibirskogo 401 p.

y of Siberia. O. N. Vilkov, R. S. no. 5:250-251 S-O '62.

SIBERIA—MYTILACCA, FOSSIL

Edmondia Voronetz, gen. nov. from Jurassic sediments in the northern part of Siberia. N. S. Voronets. Sbor. st. po paleont. i biostrat. no. 25 81-86 '61.

SIBERIA—PALEOBOTANY, STRATIGRAPHIC

Middle Jurassic flora of the West Siberian Plain and its significance in studying Jurassic floras in Siberia. IU. V. Teslenko. Trudy SNIIGGIMS no. 15 5-12 '61.

SIBERIA—RAILROADS—CONSTRUCTION

We are waiting for you in Siberia! S. Voronov. Mol. kommun. no. 6:47-50 Je '62.

SIBERIA—REVOLUTION, 1917-1921

Lipkina, A. G. [Siberia in 1919, the struggle against the Kolchak government] 1919 god v Sibiri; bor'ba s kolchakovshchinoi. Moskva, Voenizdat, 1962. 233 p.

SIBERIA—ROOFS

Selection of the types of built-up roofs for apartment houses in Siberia. V. Petrovskii. Zhil. stroi. no. 3 22-23 '62.

SIBERIA—STROMATOPOROIDEA

Stromatoporoids from Cambrian sediments of Siberia. V. K. Khalfina. Trudy SNIIGGIMS no. 8 70-83 '60.

SIBERIA—WATER RESOURCES DEVELOPMENT

Conference on the development of water resources in Siberia. V. P. Bogushevskii. Gidr. i mel. 14 no. 6 60-62 Je '62.

SIBERIA, EASTERN—GEOLOGY

Stratigraphy, regional metamorphism and granitization in the Archean of southern Yakutia and Eastern Siberia. N. V. Frolova. Trudy VSGI. Ser. geol. no. 5:13-49 '62.

SIBERIA, EASTERN—MINERALOGY

Study of the mineral typomorphism for the correlation of sedimentary rocks. N. IA. Tikhomirova. Trudy VSEGEI 72 125-148 '62.

SIBERIA, EASTERN—ORE DEPOSITS

Smirnov, S. S. [Ore deposits and metallogeny of eastern regions of the U. S. S. R.] Rudnye mestorozhdeniia i metallogeniia vostochnykh raionov SSSR. Moskva, Izd-vo Akad. nauk SSSR, 1962. 357 p.

SIBERIA, EASTERN—PALEOBOTANY, STRATIGRAPHIC

Prinada, V. D. [Mesozoic flora of Eastern Siberia and Transbaikalia] Mezozoiskaia flora Vostochnoi Sibiri i Zabaikal'ia. Pod red. A. I. Turutanovoi-Kotovoi. Moskva, Gosgeolteklizdat, 1962. 367 p.

SIBERIA, EASTERN—ROCKS, SEDIMENTARY

Study of the mineral typomorphism for the correlation of sedimentary rocks. N. IA. Tikhomirova. Trudy VSEGEI 72:125-148 '62

SIBERIA, EASTERN—ROTATION OF CROPS

Ways of reorganizing the system of agriculture in Eastern Siberia. A. T. Belozorov. Zemledelie 24 no. 8:12-17 Ag '62

SIBERIA, WESTERN—CLIMATE

Orlova, V. V. [Western Siberia] Zapadnaia Sibir', Leningrad, Gidrometeoizdat. 1962. 359 p. (Klimat SSSR, no. 4)

SIBERIA, WESTERN—CONSTRUCTION INDUSTRY

In the Academy of Construction and Architecture of the U. S. S. R. Biul. stroi. tekh. 19 no. 3:43-44 Mr '62.

SIBERIA, WESTERN—FAVOSITIDAE

Two new genera of Tabulata. N. V. Mirenova. Trudy SNIIGGIMS no. 8:85-90 '60.

SIBERIA, WESTERN—GRAMMYSIDAE, FOSSIL

Representatives of the family Grammysidae Fischer in Lower Carboniferous sediments of Western Siberia and eastern Kazakhstan. V. A. Muromtseva. Trudy SNIIGGIMS no. 15:117-124 '61.

SIBERIA, WESTERN—TRILOBITES

New genera and species of Cambrian trilobites in the Western Siberia. O. K. Poletaeva. Trudy SNIIGGIMS no. 8:60-76 '60.

SIBERIA, WESTERN—VALLEYS

New data on ravine formation. V. I. Orlov. Izv. Vses. geog. ob-va 94 no. 4:331-333 Jl-Ag '62.

SIBERIAN PLATFORM—CORALS, FOSSIL

New species of the genus Dinophyllum Lindström from Silurian in the Siberian Platform. A. B. Ivanovskii. Trudy SNIIGGIMS no. 8:92-94 '60.

SIBERIAN PLATFORM—GEOLOGY

Origin of the Siberian Platform. A. S. Kirillov. Sov. geol. 5 no. 8:16-24 Ag '62.

Some characteristics of the structure and geological history of the eastern part of the Yablonovo-Stanovoy anticlinorium. E. M. Lazko. Trudy VSGI. Ser. geol. no. 5:231-239 '62.

SIBERIAN PLATFORM—GEOLOGY, STRATIGRAPHIC

Alekseev, M. N., and others [Stratigraphy and correlation of Neogene and Quaternary sediments in the northeastern part of the Siberian Platform and its eastern fold margin] Stratigrafiia i korreliatsiia neogenovykh i chetvertichnykh otlozhenii severo-vostochnoi chasti Sibirskoi platformy i ee vostochnogo skladchatogo obramleniia. Moskva, Izd-vo. Akad. nauk SSSR, 1962. 125 p. (Akademiia nauk SSSR. Geologicheskii institut. Trudy, no. 66)

Notes on the Pre-Cambrian of the Siberian Platform. S. V. Obruchev. Trudy VSGI Ser. geol. no. 5 123-128 '62.

SIBERIAN PLATFORM—PETROLOGY

Akademiia nauk SSSR. Otdelenie geologo-geograficheskikh nauk. [Petrography of Eastern Siberia] Petrografiia Vostochnoi Sibiri. Moskva, Izd-vo Akad. nauk SSSR.

Vol. 2. [Siberian Platform and its southern margin] Sibirskaia platforma i ee iuzhnoe obramlenie. 1962. 446 p.

SICKLES

From the history of stone sickles in southeastern Europe. S. N. Bibikov. Sov. arkheol. 6 no. 3:3-24 '62

SIDERITE see subdivision under Baikal region

SIEROZEM SOILS see subdivision under Sudzhak region

SIERRA LEONE—ECONOMIC CONDITIONS

Sierra Leone. B. Runov. Vneshn. torg. 42 no. 8 26-29 '62

SIKHOTE-ALIN' RANGE—GEOLOGY, STRUCTURAL

Isolation of the coastal area of the development of volcanic rocks of the Sikhote-Alin' Range into an independent structural zone. L. V. Bykovskaia. Trudy VSEGEI 73:49-56 '62.

SILANE

Interaction of hydroxysilanes with saturated carboxylic acids in the presence of colloidal nickel. N. P. Orlov and others. Zhur. ob. khim. 32 no. 8 2561-2566 Ag '62

Interaction of silane and monoalkylsilanes with hydrohalides under overpressure in the absence of catalysts. L. D. Balashova, A. B. Bruker, L. Z. Soborovskii. Zhur. ob. khim. 32 no. 9:2982-2983 S '62

Walled-wall apparatus for continuous synthesis of triethoxysilane. M. S. Reibakh and others. Biul. tekh.-ekon. inform. Gos. nauch.-issl. inst. nauch. i tekh. inform. no. 9 21-23 '62.

SILANE—SPECTRA

Calculation of normal vibrations of dimethyldibromsilane and trimethylbromsilane. I. F. Kovalev. Opt. i spektr. 13 no. 3 335-340 S '62.

SILESIA—COPPER ORES

Natural radioactivity of copper ores from deposits of the Lower Silesian Basin (from "Nucleonika," no. 2, 1962) Atom. energ. 13 no. 4:399-400 O '62

SILICA

Counterflow silica removal system in the cycle of chemical water desalting. A. M. Prokhorova. Teploenergetika 9 no. 10, 21-26 O '62.

Investigating the process of moisture vapor sorption by silica gel. F. A. Rozental'. Trudy NIKFI no. 45:57-76 '62.

Kinetics of the dissolving of silica in water vapor. III. V. Zenkevich, B. G. Demetiev. Teploenergetika 9 no. 10 26-31 O '62.

SILICATES

Production concentration in the silicate industry of the U. S. S. R. E. E. Stefanovskii. Trudy KhPI 22 no. 2:19-33 '59.

Thermodynamic calculation of the coefficients of the distribution of isomorphic admixtures in silicate systems [with summary in English]. I. D. Rizhchikov. Geokhimiia no. 8:720-731 '62.

SILICON

Anomalous characteristics of point contacts with germanium and silicon surfaces. B. S. Muravskii. Fiz. tver. tela 4 no. 9:2485-2489 S '62.

Climb of edge dislocations in silicon caused by gold. L. S. Milevskii. Fiz. tver. tela 4 no. 9:2447-2449 S '62.

Effect of an electric field on the diffusion of zinc in silicon. R. Sh. Malkovich, N. A. Alimbarashvili. Fiz. tver. tela 4 no. 9:2355-2358 S '62.

Kinetics of the recombination radiation of silicon. L. S. Smirnov, V. S. Vavilov, N. N. Gerasimenko. Fiz. tver. tela 4 no. 9:2628-2629 S '62.

SILICON-CHROMIUM ALLOYS—ELECTRIC PROPERTIES

Structure of the furnace bath during the making of silicon-chromium alloys. L. T. Zherdev and others. Izv. vys. uchob. zav.; chern. met. 5 no. 8:53-56 '62.

SILICON ORGANIC COMPOUNDS

Conjugated systems. Part 158: Addition of lithium alkyls to trimethylsilylpropenyl- and trimethylsilylisopropenyl acetylenes. M. D. Stadnichuk, A. A. Petrov. Zhur. ob. khim. 32 no. 8:2490-2494 Ag '62.

SILICON ORGANIC COMPOUNDS (Continued)

Reactions of phosphonitrilic chlorides with silanols, silanolates, and hexaalkyldisiloxane. S. M. Zhivukhin, V. I. Tostogusov, A. I. Ivanov. Zhur. neorg. khim. 7 no. 9: 2192-2199 S '62.

Synthesis of polyalkylcyclosilazanes having different radicals at the silicon atom. D. IA. Zhinkin, N. V. Markova, M. V. Sobolevskii. Zhur. ob. khim. 32 no. 8: 2652-2654 Ag '62.

SILK MANUFACTURE see subdivision under China

SILKWORMS

(see also subdivision under Armenia; Kuybyshev Province)

Vitality of eggs of some races and hybrids of mulberry silkworms during prolonged winter storage. G. V. Samokhvalova. Vest. Mosk. un. Ser. 6 Biol., pochv. 17 no. 4: 37-43 Jl-Ag '62.

SILLIMANITE

Fibrolite-asbestos cement panels for apartment houses and industrial buildings. I. I. Inikov. Arkhit. SSSR no. 8: 36-37 '62.

SILOS—CLEANING

Results of the contest for methods of mechanized cleaning of silos. M. Tartakovskii. Muk.-elev. prom. 28 no. 7: 17-19 Jl '62.

SILVER CATALYSTS

Effect of halogen admixtures on the specific activity of silver in the oxidation of ethylene. A. A. Belaia, M. IA. Rubanik. Dokl. AN SSSR 146 no. 1: 89-92 S '62.

SILVER CHLORIDE

Theory of the silver chloride electrode and the determination of complex chloride instability constants. V. I. Altynov, B. V. Pittsyn. Zhur. neorg. khim. 7 no. 9: 2103-2109 S '62.

SILVER CHLORIDE CRYSTALS—SPECTRA

Effect of thermal treatment on the formation of the trapping level spectrum in silver chloride. V. M. Belous. Opt. i spektr. 13 no. 3: 412-415 S '62.

SILVER PLATING

Silver plating of aluminum. V. I. Lainer, IU. A. Velichko. Vest. mashinostr. 42 no. 8: 45-46 S '62.

SILVERSMITHING, ANCIENT see subdivision under Bartym (Perm Province)

SINKIANG PROVINCE—NAMES, GEOGRAPHICAL

Toponymy of Sinkiang. E. M. Murzaev. Vop. geog. no. 50: 117-138 '62.

SINTERING

(see also subdivision under Lipetsk; Ukraine; United States)

Automation at a sintering plant. E. P. Lyskov. Metallurg 7 no. 10: 19-21 O '62.

SINTERING—EQUIPMENT AND SUPPLIES see subdivision under Zaporozh'ye

SINUS CAVERNOSUS see Cavernous sinus

SIPHONS

The hydraulics of siphons. L. I. Terasov. Vod. i san. tekh. no. 8: 23-27 Ag '62.

SIROTKIN, MIKHAIL IAKOVLEVICH, 1908-

Professor M. IA. Sirotkin. V. IA. Kanikov, V. N. Liubimov. Uch. zap. ChNII no. 21: 380-389 '62.

SIVASH REGION—ROCKS—TESTING

Density of rocks of some areas of the Sivash region. G. E. Kharechko. Geofiz. sbor. no. 3: 109-116 '62.

SKARNS see subdivision under Altai Mountains

SKELETON

Growth and development of the skeleton of some sheep breeds raised in the seasonal mountain pastures of Azerbaijan. G. K. Kuliev. Izv. AN Azerb. SSR. Ser. biol. i med. nauk no. 3: 75-83 '62.

SKIDEL—HISTORY

It happened in Skidel'. B. Sokal. Belarus' 10 no. 9: 13 S '62.

SKIDEL' DISTRICT—EDUCATION, ELEMENTARY

How our secondary schools are giving their help to elementary schools. M. Ambrosimau. Nar. asv. no. 9: 13-15 S '62.

SKIN—CALCIFICATION

Lipocalcinogranulomatosis of the subcutaneous cellular tissue [with summary in English]. V. A. Odinokova, E. IA. Dubrov. Arkh. pat. no. 7: 64-67 '62.

SKIN—CANCER

Development of cancerous epithelium of the skin in experimental conditions [with summary in English]. Z. F. Shavlaev. Arkh. anat., gist. i embr. 43 no. 7: 84-95 Jl '62.

SKIN—CARE AND HYGIENE

Advice on the care of facial skin. Belarus' 10 no. 8: 27 Ag '62.

SKIN—DISEASES

(see also subdivision under Archangel Province)

Controversial problems in hemoderma [with summary in English]. V. IA. Arutiunov, P. I. Golemba. Vest. derm. i ven. no. 8: 7-13 '62.

Dermatosis caused by nematode larvae. G. G. Sargautene. Vest. derm. i ven. no. 6: 41-45 '62.

Local cutaneous processes in mice following the administration of virulent and nonvirulent strains of Leishmania tropica. O. I. Kellina. Med. parazit. i parazit. bol. no. 3: 327-330 '62.

Neurodermatoses. V. IA. Arutiunov. Zdorov'e 8 no. 9: 16-17 S '62.

Rheumatic vasculitis with chiefly cutaneous localization. N. N. Kolotova, A. I. Sorochinskaia. Vest. derm. i ven. no. 8: 45-49 '62.

So-called bullous pemphigoid and its relation to true pemphigus and bullous forms of Duhring's disease [with summary in English]. M. I. Per, A. L. Mashkilleison. Vest. derm. i ven. no. 8: 19-25 '62.

Treatment of some skin diseases by the nasal electrophoresis of vitamin B_1. R. A. Shpektorova. Vest. derm. i ven. no. 8: 81-83 '62.

Use of vitamin A in ampules and dispersed forms in some skin diseases. P. E. Maslov. Vest. derm. i ven. no. 8: 77-81 '62.

Vitamin B_1 in the blood in desquamative erythroderma in children. F. A. Zver'kova. Vest. derm. i ven. no. 8: 54-56 '62.

SKIN—TUMORS

Benign tumors of the skin. D. I. Lass. Med. sestra 21 no. 9: 13-18 S '62.

Data on the innervation of some tumors in animals and man [with summary in English]. V. D. Dyshlovoi. Vest. derm. i ven. no. 8: 13-19 '62.

Morphology of the vessels of skin hemangiomas in children in connection with the problem of the tissue nature of vascular epithelium [with summary in English]. N. G. Khlopin, N. L. Kamenskaia. Arkh. anat., gist. i embr. 43 no. 7: 68-74 Jl '62.

Short focus X-ray therapy of skin neoplasms. N. A. Vosstikova. Med. sestra 21 no. 9: 41-45 S '62.

SKIN DIVING see Diving, Submarine

SKIN GRAFTING

Dynamics of the change in the vascular system of Filatov's tubed pedicles in acute radiation injury (in an experiment). V. S. Dmitrieva. Stomatologiia 41 no. 4: 37-39 Jl-Ag '62.

Study of the histological changes in cadaver skin during the process of its preservation in solutions. A. G. Fedotenkov, L. A. Danilova, L. D. Popova. Probl. gemat. i perel. krovi no. 6: 44-47 '62.

SKIS AND SKIING

Training of the will in the ski jumper; preliminary report. V. A. Voronov. Probl. psikhol. sporta no. 2: 319-325 '62.

SKOPIN DISTRICT—INSURANCE, SOCIAL—EMPLOYEES

In step with life. V. Leont'ev. Sots. obesp. 23 no. 7: 22-25 Jl '62.

SKOPTSI

Debris of sunken ships. A. Shamaro, N. Alekseev. Nauka i rel. no. 9: 19-25 S '62.

SKRYHAN, IANKA, 1905

"Say just one word to me; stories" by IAnka Skryhan. Reviewed by Ul. Bohan. Belarus' 10 no. 9: 30-31 S '62.

SKULL

Correlation of individual dimensions of the skull in the red vole Clethrionomys glareolus Schreb. [with summary in English]. O. L. Rossolimo. Zool. zhur. 41 no. 8: 1267-1269 Ag '62.

SKULL—ABNORMITIES AND DEFORMITIES

Diagnosis of craniospinal anomalies [with summary in French]. E. I. Derlabina. Och. klin. nevr. no. 1: 71-78 '62.

SKULL—RADIOGRAPHY

Head holder for roentgenography of the skull. V. A. Novikov. Kaz. med. zhur. no. 3: 90 My-Je '62.

SKULL—WOUNDS AND INJURIES

Case of complete atrioventricular block following a closed injury to the cranium. N. S. Draliuk. Klin. med. 40 no. 6: 139-140 Je '62.

SKURKO, IAUHEN, 1912-

A heart which embraces the universe; on Maksim Tank's 50th birthday. R. Bisrozkin. Belarus' 10 no. 9: 8 S '62.

Sincere songs. Ales' Bachyla. Rab. i sial. 38 no. 9: 5 S '62.

A writer who doesn't grow old. M. Piatrovich. Nar. asv. no. 9: 81-85 S '62.

SKY, COLOR OF

Luminosity distribution on clear day sky. E. V. Pliaskovskaia-Fesenkova. Izv. Astrofiz. inst. AN Kazakh. SSR 2: 103-130 '56.

SLABS

Fibrolite-asbestos cement panels for apartment houses and industrial buildings. I. I. Inikov. Arkhit. SSSR no. 8: 36-37 '62.

SLAG

(see also subdivision under Armenia, Karmyashen region)

Corrosion of the reinforcement of reinforced concrete made with granulated slag. A. Chekhov. Bud. mat. i konstr. 1 no. 2: 20-22 Mr-Ap '62.

Hydraulic activity of certain crystalline and vitreous phases of blast-furnace slags. P. P. Budnikov, VI. Pankratov. Dokl. AN SSSR 146 no. 1: 156-159 S '62.

New crystal glass materials made of slag. I. I. Kitaigorodskii, K. T. Bondarev. Priroda 51 no. 9: 111-111 S '62.

Reactivity and hydraulic activity of slag glass. P. P. Budnikov, V. L. Pankratov, E. P. Kevesh. Dokl. AN SSSR 146 no. 2: 415-417 S '62.

SLAG—TESTING

Use of a differential dilatometer in laboratory practice. K. I. Khokholev, L. P. Kubis. Stroi. mat. 8 no. 8: 38-39 Ag '62.

SLAUGHTERING AND SLAUGHTERHOUSES—EQUIPMENT AND SUPPLIES see subdivision under Zaporozh'ye

SLAVIC ANTIQUITIES see subdivision under Polesye

SLAVIC LANGUAGES—GRAMMAR, COMPARATIVE AND GENERAL

Akademiia nauk URSR, Kiev. Instytut movoznavstva. [Introduction to a comparative-historical study of the Slavic languages, an outline] Vstup do porivnial'no-istorychnoho vyvchennia slov'ians'kykh mov, prospekt. Kyiv, Vyd-vo Akad. nauk URSR, 1962. 90 p.

Kondrashov, N. A. [Slavic languages] Slavianskie iazyki. 2. izd. Moskva, Uchpedgiz, 1962. 212 p.

Problems of grammatical analogy. A. M. Matvienko. Movoznavstvo 10: 24-35 '61.

SLAVIC LANGUAGES—NOUN

"Problems of noun formation in West-Slavic languages compared with other Slavic languages" by Ivan Ivanovych Kovalyk. Reviewed by V. P. Besedina-Nevzorova. Movoznavstvo 10: 117-119 '61.

SLAVIC LANGUAGES—PHONETICS

Trofymovych, K. K. [Handbook of the comparative grammar of the Slavic languages; phonetics] Praktykum z porivnial'noi gramatyky slov'ians'kykh mov; fonetyka. [L'viv] Vyd-vo L'vivs'koho univ., 1960. 226 p. (CaOTU)

SLAVIC LITERATURE

Where were the biographies of Saints Cyril and Methodii written and who was their author. A. P. Kazhdan. Vop. ist. no. 9: 183-185 S '62.

SLAVIC LITERATURE—BIBLIOGRAPHY see Bibliography—Slavic literature

SLAVIC STUDIES—CONGRESSES

A conference of Slavists in Odessa. Nat. tvor., ta ein. 6 no. 1: 151-152 Ja-Mr '62.

SLAVGOROD DISTRICT—TEACHERS, TRAINING OF

If you like your work. E. Charniakova. Nar. asv. no. 6 23-24 Je '62.

SLEEP

Some problems in the pathogenesis and a physiological basis for the treatment of narcolepsy [with summary in French]. I. G. Karmanova. Och. klin. nevr. no. 1: 215-226 '62.

Treatment of narcolepsy [with summary in French] L. M. Golubovskii, I. G. Karmanova, R. M. Shagurina. Och. klin. nevr. no. 1: 227-238 '62.

The world of the sleeping man and of the sleepless (from "Science digest," February, May, 1962). Tekh. mol. 30 no. 9: 33 '62.

SLOGANS

Inspiring slogans. Nov. vrem. 20 no. 43: 1-2 O '62.

SLONOVA, TAT'IANA MIKHAILOVNA

Tat'iana Mikhailovna Slonova. Med. sestra 21 no. 6: 53-54 Ag '62.

SLOPES (PHYSICAL GEOGRAPHY)

Development of slopes. N. A. Gvozdetskii, A. G. Chikishev. Priroda 51 no. 9: 92 S '62.

SLOVAK LITERATURE—HISTORY AND CRITICISM

Moscow. Akademiia obshchestvennykh nauk. [Problems of Bulgarian and Czechoslovak literature] Voprosy bolgarskoi i chekhoslovatskoi literatury. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1962. 271 p.

SLOVAK POETRY—HISTORY AND CRITICISM

Slovak romantic poetry and the works of Janko Kral'. L. A. Bogdanova. Lit. slav. nar. no. 7: 68-72 '62.

SLOVAKIA—ECONOMIC CONDITIONS

Economic depression of 1930-1933 in Slovakia and the situation of workers. V. V. Martina. Uch. zap. Inst. slav. 21:95-132 '62

SLOVENIA—CITIES AND TOWNS

History of Slovenian cities from the late 15th to the early 17th century. I. V. Churkina. Uch. zap. Inst. slav. 25 193-233 '62.

SLOVENIA—COMMERCE—CROATIA

History of Croatian trade with Slovenia from the late 18th to the first half of the 19th century. I. I. Leshchilovskaia. Uch. zap. Inst. slav. 24 221-251 '62

SLOVENIA—HISTORY

"History of the Slovenes from early colonization to the 15th century" [in Slovenian] by Miiko Kos. Reviewed by M. M. Freidenberg. Sred. veka no. 22, 256-257 '62.

SLUICE GATES

Mechanizing the lowering of dried-out ships following salvage. M. Sutyrin. Rech. transp. 21 no. 9 56 S '62.

Sluiceway from the distribution canal with a valve gate. G. G. T'Sursikov. Gidr. i mel. 14 no. 6:38-10 Je '62.

Standard hoisting mechanisms for gates of hydraulic structures. T. I. Mamyshev, K. I. Chelnokova, T. Kh. Karimov. Gidr. i mel. 14 no. 6:19-29 Je '62.

SMELL

Research methods recommended for studying occupational lesions of the olfactory analyser. T. N. Mil'shtein. Vest. otor. in. no. 5:10-15 '62

SMIRNOV, VLADIMIR IVANOVICH, 1887-

Educator of Russian mathematicians, 75th birthday of Academician V. I. Smirnov. M. I. Radovskii. Priroda 51 no. 7, 85-86 Jl '62

SMOKED FISH see Fish, Smoked

SMOKEHOUSES

Standard designs for smoking plants. A. P. Krestov. Ryb. khoz. 38 no. 7 56-60 '62.

SMOKESTACKS

Increasing the durability of reinforced concrete smokestacks. B. D. Trinker. Mont. i spets. rab. v stroi. 21 no. 9:19-22 S '62.

SMOLENSK—LIBRARIES

A microdistrict where everyone reads. V. Alekseeva. Bibliotekar' no. 9:57-58 S '62

SMOLENSK GOVERNMENT—RUSSIAN SOCIAL DEMOCRATIC PARTY

[Bolshevik of Smolensk government up to October 1917; a collection of documents] Bol'sheviki Smolenshchiny do Oktiabria 1917 goda, sbornik dokumentov. Smolensk, Knizhnoe izd-vo, 1961. 315 p.
(CSt-H) (MH)

SMORGONSKII, LEONID MIKHAILOVICH, 1901-1952

Role of L. M. Smorgonskii in the development of the Soviet methods of teaching chemistry. L. A. TSvetkov. Khim. v shkole 17 no. 5 11-52 S-O '62

SMUTS

(see also subdivision under Amu Darya Valley, Ukraine)

Susceptibility of millet specimens to ecological and geographical populations of smuts. N. N. Artem'eva. Sbor. trud. asp. i mol. nauch. sotr. VIR no. 1:135-139 '60

SMYRNA—EXHIBITIONS

U S S R at international exhibitions and fairs. P. Bulgadnov, M. Chernikov, A. Popov. Vnesh. torg. 42 no. 8 20-21 '62

SNAKES see subdivision under Balkhash Lake region

SNOW

(see also subdivision under Terskei Ala-Tau)

Methodology of measuring solar radiation in snow. V. I. Rachkulik. Izv. AN Uz. SSSR, Ser. fiz. mat. nauk 6 no. 2, 28-33 '62.

Simplified system of calculating the water yield of snow. A. G. Kovzel'. Trudy GGI no. 99:141-176 '62.

SNOW PLOWS

New machines for the maintenance of roads in winter. V. N. Denisov, O. I. Orekhov. Avt. dor. 25 no. 9:15-16 S '62.

SOAKING PITS see Furnaces, Heating

SOAP—ANALYSIS

Rapid method of determining the fatty acid content of toilet soap by means of the trilon B. E. I. Bartashevich, V. A. Kopysev. Masl.-zhir. prom. 28 no. 9:34-35 S '62.

SOBOL', SAMUIL L'VOVICH, 1893-1960

Samuil L'vovich Sobol'. L. IA. Blikher. Trudy Inst. ist. est. i tekh. 40:13-16 '62.

SOCCER

Chile, 1962. I. Anderson. Mol. mira no. 7:16 '61.

Cup goes to "Shakhtera" again. V. Pakhomov. Sov. shakh. 11 no. 10:33-34 O '62.

Psychological training of soccer players for the coming competition. G. M. Gagaeva. Probl. psikhol. sporta no. 2:284-291 '62.

SOCHI—CITY PLANNING

New center for Sochi. A. Ariaf'ev, I. Zakov, E. Kutyrev. Na stroi Ros. 3 no. 5:6-8 My '62

SOCHI—HEALTH RESORTS, WATERING PLACES, ETC

Govorov, V. S. [Treatment at the Sochi-Matsesta Health Resort] Lechenie na kurorte Sochi-Matsesta. [Krasnodar] Krasnodarskoe knizhnoe izd-vo, 1962. 135 p.
(DNLM)

SOCHI—NEWSPAPER AND PERIODICAL CIRCULATION

Right on the Black Sea. A. Volopai. Raspr. pech. no. 7:16-17 Jl '62.

SOCHI REGION—CITRUS FRUITS

Orchard in a tree. F. M. Zorin. Agrobiologiia no. 4 623-626 Jl-Ag '62

SOCIAL CONFLICT

(see also subdivision under Great Britain)

Conflicts in socialist societies. G. M. Shirinks. Vest. Mosk. un. Ser. 8: Ekon., filos. 17 no. 5, 31-42 S-O '62.

SOCIAL GROUP WORK

Polushkin, A. A., and L. P. Turkin. [Propaganda brigades in cities and rural areas] Agitbrigada v gorode i na sele. [Moskva] Mosk. rabochii, 1962. 61 p.

SOCIAL INSURANCE see Insurance, Social

SOCIAL ISOLATION

Slinkov, E. M. [The problem of "alienation" in bourgeois philosophy and the falsification of Marxism] Problema "otchuzhdeniia" v burzhuaznoi filosofii i fal'sifikatory marksizma. Moskva, Izd-vo VPSh i AON, 1962. 113 p.

SOCIAL PARTICIPATION

Mialkin, A. V. [Leisure and the all-round development of personality] Svobodnoe vremia i vsestoronnee razvitie lichnosti. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1962. 69 p.

SOCIAL PROBLEMS

(see also subdivision under Mineral'nyye Vody District, United States)

Persuasion and compulsion. V. Shtrevinskii, A. Shilapochnikov. Sov. deput. trud. no. 10:38-41 O '62.

Shilapochnikov, A. S. [Struggle against parasites is the task of the whole nation] Bor'ba s tuneiadtsami - vsenarodnoe delo. Moskva, Gosturizdat, 1962. 60 p.

SOCIAL SCIENCES—BIBLIOGRAPHY see Bibliography—Social sciences

SOCIAL SCIENCES—STUDY AND TEACHING

The 22d Congress of the CPSU and the objectives of the teachers of social sciences. Z. Rakhimbabaeva. Part. zhizn' [Uzb.] 5 no. 9 22-26 S '62.

Work of the departments of social sciences. B. V. Gaubikh, E. F. Borisov, S. T. Kaltakhchian. Vest. vys. shkoly 20 no. 9:86-88 S '62.

SOCIAL SCIENCES—THEORY, METHODS, ETC.

Scientific principles of guiding the development of human societies. L. Il'ichev. Kommunist 39 no. 16 13-38 N '62.

SOCIALISM

Early phase of the labor movement and the dissemination of Marxist ideas in Russia, 1883-1894; methodological advice for propagandists. Komm. Ukr. 38 no. 9:64-66 S '62.

Problems of the transition of formerly underdeveloped countries to socialism. M. Kh. Igitkhanian. Vest. AN SSSR 32 no. 9:142-146 S '62.

SOCIALIST COMPETITION

(see also subdivision under Karelia, Leningrad, Tatar A. S. S. R.; White Russia)

At the old section. A. Gorbunov. Nar. khoz. Kazakh. 20 no. 8:26-28 Ag '62.

Briskin, A. I., comp. [Scouts of the future speak out] Govoriat razvedchiki budushchego. [Kuibyshev, Kuibyshevskoe knizhnoe izd-vo, 1960] 229 p. illus.
(MH) (CSt-H)

Do more today than you did yesterday. Sov. profsoiuzy 18 no. 19 19 O '62.

Doing more today means having more tomorrow! Ekon. stroi. no. 8:3-6 Ag '62.

In favor of the application of the communist labor movement in science. L. Mazulov, I. IAvorskii. Tekh. mol. 30 no. 9:9 '62.

In the Board of Directors of the State Bank of U.S.S.R. and the Presidium of the Central Committee of the Government Workers Trade Union. Den. i kred. 20 no. 9:92-93 S '62.

The initiative of advanced mechanizers in developing socialist competition for the best utilization of technology in construction, in the building materials industry, and at lumbering enterprises. Stroi. mat. 8 no. 8:1 Ag '62.

[Initiators of the new in the seven-year plan; people of labor exploits] Zachinateli novogo v semiletke; liudi trudovogo podviga. [Moskva] Profizdat, (Massovaia biblioteka rabochego)
No. 8. 1962. 79 p.

Leonov, I. D. [Twice as fast] Vdvoe bystree. [Leningrad] Lenizdat, 1962. 74 p.

Make the work practice of leaders available to all builders! M. Borisov. Ekon. stroi. no. 8 7-11 Ag '62.

The new phase of socialist competition. V. Prokhorov. Agitator no. 20:12-16 O '62

Russia (1923- U. S. S. R.) Gosudarstvennyi komitet po voprosam truda i zarabotnoi platy. [Movement for communist labor in U. S. S. R. industry] Dvizhenie za kommunisticheskii trud v promyshlennosti SSSR. Moskva, Sotsekgiz, 1962. 146 p.

Utilize machinery and equipment to their full capacity. Stroi. mat. 8 no. 8:2 Ag '62.

SOCIALIST REALISM

"Aesthetic ideal of Soviet literature" by N. Gei, V. Piskunov. Reviewed by I. Dubrovina. Vop. lit. 6 no. 9 218-221 S '62.

SOCIETY AND COMMUNISM see Communism and society

SOCIOLOGY see subdivision under United States

SOCIOLOGY, RURAL see subdivision under Kalinin Province

SODA INDUSTRY—CONGRESSES

Branch conference of soda industry workers. P. T. Ostapenko. Khim. prom. no. 7, 543-544 Jl '62.

SODIUM

Heat transfer to a staggered bank of tubes in transverse flow of molten sodium. V. M. Borishanskii, A. A. Andreevskii, V. B. Zhinkina. Atom. energ. 13 no. 3:269-271 S '62.

Heat transfer to liquid sodium in pipes. V. I. Subbotin, and others. Atom. energ. 13 no. 4 380-382 O '62.

Inversion of the level populations of sodium in the fluorescence of a mixture of sodium and mercury vapors. S. E. Frish, O. P. Borkova. Zhur. eksp. i teor. fiz. 43 no. 1, 331-333 Jl '62

SODIUM CHLORIDE see Salt

SODIUM FLUORIDE CRYSTALS—THERMAL PROPERTIES

Temperature dependence of the elastic constants of potassium chloride and sodium fluoride single crystals. S. P. Nikanorov, A. V. Stepanov. Fiz. tver. tela 4 no. 9, 2576-2584 S '62.

SODIUM FLUOSILICATE

Treatment of neoascariasis in calves using sodium fluosilicate. V. I. Afanas'ev. Trudy Rost. NIVS no. 12:270-271 '60.

SODIUM GALLATE

Reaction of sodium gallate with sodium sulfide and calcium chloride. I. S. Chaus, I. A. Shoka. Zhur. neorg. khim. 7 no. 9:2162-2166 S '62.

SODIUM IN THE BODY

Changes in the sodium in the blood plasma and urine in acute myocardial infarct (flame photometry). V. A. Borzov. Terap. arkh. no. 6:103-107 '62.

Effect of overheating on the change in the concentration of sodium and potassium cations in the blood plasma of rabbits. A. Kh. Bahaeva. Izv. AN Turk. SSR. Ser. biol. nauk no. 3:52-55 '62.

SODIUM SALTS

Retrieval of sodium salts from the flue gases of soda recovery systems. V. A. Bushmelev, V. F. Maksimov. Bum. prom. 37 no. 9:17-19 S '62.

SODIUM SULFIDE

Reaction of sodium gallate with sodium sulfide and calcium chloride. I. S. Chaus, I. A. Shoka. Zhur. neorg. khim. 7 no. 9:2162-2166 S '62.

SOFT DRINKS see subdivision under Armenia

SOFT DRINKS—EQUIPMENT AND SUPPLIES

Ballanter, I. I., R. I. Berlin, and G. I. Il'iashevskaia. [Technological planning of breweries and soft-drink plants] Tekhnologicheskoe proektirovanie pivovarennykh zavodov i tsekhov bezalkogol'nykh napitkov. Moskva, Pishchepromizdat, 1962. 243 p.

SOIKIN, PETR PETROVICH, 1862-1938

Petr Petrovich Soikin. S. Belev. V mire knig 2 no. 9: 46 S '62.

SOIL ABSORPTION

Nature of the absorption of organic substances by the soil [with summary in English]. S. N. Aleshin, M. Sh. Shaimukhametov. Izv. TSKHA no. 2:37-46 '62.

SOIL BIOLOGY—TERMINOLOGY

Akademiia nauk Kazakhskoi SSR, Alma-Ata. Institut iazykoznaniia. [Russian-Kazakh dictionary] Russko-kazakhskii terminologicheskii slovar'. Alma-Ata, Izd-vo Akad. nauk Kazakhskoi SSR,
Vol. 10. Khasenov, S., E. Zhanpeisov, and K. Yrymambetov. [Terms used in railroad transportation] Terminy zheleznodorozhnogo transporta. Pod obshchei red. A. Abdrakhmanova. 1962. 160 p.
Vol. 11. Ramazanov, E. [Botany and soil science] Botanika i pochvovedenie. 1962. 468 p.

SOIL CONDITIONERS

Problem of the use of high-molecular compounds for structurizing soils. N. A. Kachinskii. Vest. Mosk un. Ser. 6 Biol., pochv 17 no. 1:3-23 Ja-Ag '62

SOIL CONSERVATION see subdivision under Gorkiy Province, Moldavia, Tula Province; Ukraine

SOIL CONSERVATION—CONGRESSES

Control of soil erosion in intensive farming. A. Lashkov. Vest. sel'khoz. nauki 7 no. 8 151-154 Ag '62.

SOIL FAUNA

(see also subdivision under Kadnikov region)

Control of soil-transmitted helminths [with summary in English]. P. Beaver. Med parazit i parazit bol no. 3 269-272 '62

SOIL FREEZING

(see also subdivision under Shurab region)

Khakimov, Kh. R. [Freezing soil for construction purposes] Zamorazhivanie gruntov v stroitel'nykh tsellakh. Moskva, Gosstroiizdat 1962. 186 p.

Shakhtspetsstroi, trust. [Guide to the assembly and operation of ammonia refrigerating equipment for rock freezing] Rukovodstvo po montazhu i ekspluatatsii oborudovaniia ammiachnykh kholodil'nykh ustanovok dlia zamorazhivaniia gornykh porod. Moskva, Gosgortekhizdat, 1962. 146 p.

Theoretical and experimental studies of the process of freezing rocks under conditions of flowing underground waters. L. B. Prozorov. Nauch. soob. IGD 12:91-106 '61.

SOIL MECHANICS

Approximate solution to certain problems of soil dynamics. S. S. Grigorian. Prikl. mat. i mekh. 26 no. 5, 944-946 S-O '62.

One-dimensional soil movements with different boundary conditions [with summary in English]. V. S. Antsiferov. Vest. Mosk. un. Ser. 1: Mat., mekh. 17 no. 5:65-73 S-O '62.

Ornatskii, N. V. [Soil mechanics] Mekhanika gruntov. [Moskva] Izd-vo Mosk. univ., 1962. 446 p.

Residual deformation of soils during the formation of cavities by the explosion of BB charges [with summary in English]. L. I. Danylenko. Prykl. mekh. 8 no. 5: 530-533 '62.

Seasonal changes of the modulus of soil and ground deformation in the forest zone of the European part of the U. S. S. R. G. M. Datsko. Vest. Mosk. un. Ser. 4: Geol 17 no. 4, 62-67 Jl-Ag '62.

Settling of the surface during shallow tunneling. G. V. Molodtsov, V. N. Solov'ev. Transp. stroi 12 no. 8 44-46 Ag '62.

Some problems of evaluating the structural properties of cohesive soils A. A. Luga. Trudy TSNIIS no 45 123-151 '62

"Thixotropy of soil and its calculation in the construction of roads and bridges" by B. M. Gumenskii, G. F. Novozhilov. Reviewed by S. M. Rak. Transp. stroi. 12 no. 8, 59-60 Ag '62.

SOIL MICRO-ORGANISMS

(see also subdivision under Murgab Oasis; Vologda Province)

Effect of gamma rays on some groups of soil microflora V. V. Bernard, I. T. Geller Agrobiologiia no 4 610-616 Jl-Ag '62

Effect of the moisture level and tillage methods on the development of Clostridium pasteurianum. Iu. O. Darznek. Izv. AN Turk. SSR. Ser. biol. nauk no. 4:42-46 '62.

SOIL MOISTURE

(see also subdivision under Khorezm Province, Zakatały Preserve)

Dependence of the average perennial reserves of productive moisture in the fall on soil and climatic factors and the distribution of these reserves in the European U. S. S. R. A. S. Kontorshchikov. Trudy TSIP no. 101: 70-90 '62.

Dynamics of soil moisture in crop rotation. I. N. Zakharchenko, O. D. Hlushchenko. Nauk. pratsi Ukr. nauk.-dosl. inst. zem. 11:91-99 '61.

Estimating the accuracy of the neutron method in measuring soil moisture under field conditions [with summary in English]. Kh. A. Iarveia. Izv. TSKHA no. 3: 171-184 '62.

Quantitative expression of visual estimates of soil moisture. V. V. Karnaukhova. Meteor. i gidrol. no. 10:47-48 O '62.

Relation between moisture reserves and deep spring soil soaking in areas of the U. S. S. R. where there is not sufficient moisture. N. N. Zheltaia. Trudy TSIP no. 101: 91-99 '62.

SOIL PERCOLATION

Berezkina, G. M. [Instructions on determining the filtration coefficient of bound soils on the F-1M unit] Instruktsiia po opredeleniiu koeffitsienta fil'tratsii sviaznykh gruntov na pribore F-1M. Moskva, Gosgeoltekhizdat, 1962. 18 p.

Dynamics of salt transfer in porous media [with summary in English]. V. V. Rachinskii, TSzin Da-Lin, E. D. Chistova. Izv. TSKHA no. 2:165-183 '62.

SOIL PHYSICS

Akademiia nauk SSSR, Institut geografii. [Heat balance in forest and meadow] Teplovoi balans lesa i polia. Moskva, Izd-vo Akad. nauk SSSR, 1962. 233 p.

SOIL POLLUTION

Soil of the theater of the 1941-1944 military actions as a reservoir of pathogenic micro-organisms of the genus Clostridium M. I. Tarkov. Trudy MIEMG no 5:15-21 '61.

SOIL STABILIZATION

(see also subdivision under Poland)

Investigating the process of soil heaving. L. T. Abramov, N. D. Kocherova. Vest. TSNII MPS 21 no. 6:28-30 '62.

Prospects for the development of tamping machines for soil compaction. N. P. Voshchinin. Stroi. i dor. mash 7 no. 8:4-7 Ag '62.

Soil-compaction machines. Stroi. i dor. mash. 7 no. 8: 1-3 Ag '62.

Study of the interaction of the working, tamping parts of soil-compaction machines with the soil V. V. Mikhal'skii. Stroi. i dor. mash. 7 no. 8:23-25 Ag '62.

Using vibration meters during the vibration compaction of soil and concrete. V. B. Alekseev. Stroi. i dor. mash 7 no. 8:21-23 Ag '62.

SOILS see subdivision under Caspian Sea region, Gegamskiy Range, Karkara-Chay Valley, Murgab Oasis, Tedzhen Valley, White Russia

SOILS—ANALYSIS

Agrochemical laboratory for each farm. V. A. Khitov. Zemledelie 24 no. 8:75 Ag '62.

SOILS—BROMINE CONTENT

Polarographic determination of iodine and bromine in soils. N. N. Atamanenko, V. R. Kolisets'ka, P. M. Polivlianyi. Visnyk sil'hosp. nauky 5 no. 8:108-111 Ag '62.

SOILS—ELECTRIC PROPERTIES see subdivision under Kalish

SOILS—IODINE CONTENT

Polarographic determination of iodine and bromine in soils. N. N. Atamanenko, V. R. Kolisets'ka, P. M. Polivlianyi. Visnyk sil'hosp. nauky 5 no. 8:108-111 Ag '62.

SOILS—MAPS

Akademiia nauk SSSR, Pochvennyi institut im. V. V. Dokuchaeva. [Agrochemical mapping of soils] Agrokhimicheskoe kartografirovanie pochv. Moskva, Izd-vo Akad. nauk SSSR, 1962. 153 p. (DNAL)

SOILS—MICROBIOLOGY

Distribution of vegetative forms of Clostridium perfringens on some objects in the external environment. K. P. Soboleva. Trudy MIEMG no 5:43-52 '61.

Observation of the vital activity of vegetative forms of Clostridium perfringens in the soil. K. P. Soboleva Trudy MIEMG no. 5,35-42 '61.

Reproduction of Clostridium perfringens in the soil. K. P. Soboleva, M. I. Tarkov. Trudy MIEMG no. 5:23-34 '61

Some data on the biology of Clostridium tetani in the soil, preliminary report D. A. Volkova Trudy MIEMG no. 5:53-56 '61.

SOILS—TESTING

"Methodological instructions on determining the physico-mechanical properties of soils in a semipermanent laboratory of research expeditions" by A. N. Chukhrova, D. S. Nevel'son. Reviewed by G. G. Saatchian. Transp. stroi. 12 no. 8 60-61 Ag '62.

SOILS AND CROPS see Crops and soils

SOK VALLEY—BOTANY—ECOLOGY

Vegetation complexes of the Sok River Valley. V. E. Timofeev. Uch. zap. Kuib. gos. ped. inst. no. 35:17-31 '61.

SOKOLOV, NIKOLAI JE'ICH

Conference dedicated to the memory of N. I. Sokolov. N. T. Kholopova. Nov. kar. i spel. no. 2:98 '61.

SOKOLOVOGORSK REGION—OIL FIELDS—PRODUCTION METHODS

Analysis of the exploitation of D_2^V and D_3^{II} layers of the Sokolovogorsk field and recommendations for improving it. N. I. Suborob, V. V. Buskov. Nauch. tekh. sbor. po dob. nefti no. 1:71-74 '58.

SOKOLOVOGORSK REGION—PETROLEUM GEOLOGY

More accurate data on the geology of the D_3^{II} and D_5^V layers in the Sokolovogorsk field including the results of the hydrodynamic studies. I. G. Stepin, G. V. Shcherbakov. Nauch.-tekh. sbor. po dob. nefti no. 16:3-8 '62.

SOLAR ECLIPSES see Eclipses, Solar

SOLAR ENERGY

Solar power stations. M. S. Sominskii. Priroda 51 no. 9:77-86 S '62.

SOLAR RADIATION

(see also subdivision under Tashkent)

Function of angular distribution of particles in a cascade shower in small angle approximation. V. V. Guzhavin. Vest. Mosk. un. Ser. 3: Fiz., astron. 17 no. 4:60-64 Jl-Ag '62.

H and K lines of CaII in the weak chromospheric flare of September 8, 1960 S. G. Mamedov. Izv. AN Azerb SSR Ser. fiz.-mat i tekh. nauk no 3 111-117 '62

Methodology of measuring solar radiation in snow V. I. Rachkulik. Izv. AN Uz. SSSR Ser. fiz., mat. nauk 6 no. 2: 26-33 '62.

Solar streams. E. Muslin. Znan.-sila 37 no. 6:14-15 Je '62

Spatial intensity distribution of Cherenkov light emanating from extensive air showers [with summary in English]. V. I. Zatsepin, A. E. Chudakov. Zhur. eksp. i teor. fiz. 42 no. 6:1622-1628 Je '62.

X-ray radiation of the sun I. P. Tindo. Priroda 51 no 7:37-47 Jl '62.

SOLDIERS

Studennikov, I. I. [Soldier's happiness] Schast'e soldata. Moskva, Voenizdat, 1962. 79 p.

SOLENOIDS

Production of a high pulsed magnetic field in solid single-turn solenoids of small volume. G. A. Shneerson. Zhur. tekh. fiz. 32 no 9:1153-1156 S '62.

SOLID FILM

Slutskaia, V. V. [Thin films in ultrahigh-frequency technique] Tonkie plenki v tekhnike sverkhvysokikh chastot. Moskva, Gosenergoizdat, 1962. 398 p.

SOLID SOLUTIONS see Solutions, Solid

SOLIDS

Nonelastic scattering of electrons and secondary electron emission of solids I. M. Bronshtein, B. S. Fraiman. Radiotekh. i elektron 7 no 9 1643-1648 S '62.

SOLIKAMSK—ORE DRESSING

Using means of monor mechanization in the treatment-extraction of ores. I. A. Kulagin, R. P. Rzhondkovskii. Khim. prom. no. 7:530-542 Jl '62.

SOLONETZ SOILS see subdivision under Ukraine

SOLOV'EVA, ELENA EVDOKIMOVNA

Elena Evdokimovna Solov'eva. Med. sestra 21 no. 8: 51-52 Ag '62.

SOLUBILITY

Effect of alkyl pyridinium iodides and lithium perchlorate on the solubility of benzoic acid in water, ethyl alcohol, and their mixtures V. F. Sergeeva, L. Eskaraeva. Zhur. ob. khim 32 no 9 2958-2960 S '62.

Solubility of a binary gas mixture in oil under high pressures N. A. Trivus Nauch.-tekh. sbor. po dob. nefti no 16 81-88 '62

SOLUTION (CHEMISTRY)

Concentration of radioactive elements in the foam and surface layers of aqueous solutions. V. F. Zheverzheeva. Gig. i san. 26 no. 12 42-46 D '61.

Frequency and concentration dependence of the dielectric loss angle reflecting various structural transformations of dissolved substances. S. S. Urazovskii, I. I. Ezhik. Izv. vys. uch. zav.; fiz. no. 4:146-150 '62.

SOLUTIONS (PHARMACY)

Combined mechanization in the production of injectable solutions in ampules. B. S. Aleksandrov. Med. prom. 16 no. 5:25-33 My '62.

SOLUTIONS, SOLID

Atomic structure and mechanism of the plastic flow of solid solutions. L. N. Guseva, A. A. Babareko. Zhur. neorg. khim 7 no. 9:2200-2205 S '62.

Nature of changes in the residual electric resistance of Cu - Al solid solutions. V. P. Fadin. Izv. vys. uch. zav.; fiz. no. 4:75-

Solid solutions of iron iron (II), and magne Zhur. neorg. khim.

Use of the method of a studying the characte supersaturated solid the region of the α + vys. uch. zav.; fiz.

SOLVENTS

Effect of temperature dibutyl phosphoric ac V. B. Shevchenko, V. spp. no. 2 58-70 '6

Nonaqueous solutions, ing properties of org A. P. Kreshkov, L. N. khim. 32 no. 8:2307

SOL'VYCHEGODSK—Cl

Design features of arc of the Presentation c godsk. O. I. Braitser

SON-KUL' LAKE REGI

Gladchenko, A. IA. [Lower Carboniferous Kirghizia] Brakhiop Prisonkul'skogo raio Kirgizskoi SSR, 1960

SON-KUL' LAKE REGION—GEOLOGY, STRATIGRAPHIC

Gladchenko, A. IA. [Brachiopods and stratigraphy of the Lower Carboniferous in the region of Lake Son-Kul' of Kirghizia] Brakhiopody i stratigrafiia nizhnego karbona Prisonkul'skogo raiona Kirgizii. Frunze, Akad. nauk Kirgizskoi SSR, 1960. 211 p.

SONAR

Use of sonar stations in examining the coast section and determining the location of the ship. V. I. Komanin. Ryb. khoz. 38 no. 7:43-47 '62.

Using the self-recording NEL-4 echo sounder for measuring depths over 500 meters. L. K. Kushch. Ryb. prom. no. 51:3-4 '54

SORBENTS

Unit for drying the air using concentrated solutions of liquid sorbents. V. I. Syshchikov. Ved. i sanit. tekh. no. 8:16-18 Ag '62.

SORBIC ACID

Use of sorbic acid for the processing of cold-smoked herrings. G. K. Koval'chuk, N. F. Moskalenko, V. V. Limanskyi. Khar. prom. no. 2:65-67 Ap-Je '62.

SORGHUM see subdivision under Kuban

SORTING DEVICES

Automatic machine for sorting cylindrical rollers by length and diameters. B. M. Sorochkin. Stan. i instr. 33 no. 9:18-19 S '62.

SOUND

Microscopic theory of zero-sound damping in a Fermi liquid [with summary in English]. G. M. Eliashberg. Zhur. eksp. i teor. fiz. 42 no. 6:1658-1666 Je '62.

SOUND—ABSORPTION see Absorption of sound

SOUND—MEASUREMENT

A transistorized audio level indicating device. V. T. Suslikov. Trudy VNAIZ no. 9:135-137 '61.

SOUND—PHYSIOLOGICAL EFFECT

Relation of paredoniosis to the intensity of sound stimulus. G. D. Ovrutskii, P. Z. Ridzel', S. A. Lifshits. Stomatologiia 41 no. 4:17-20 Jl-Ag '62.

SOUND—RECORDING AND REPRODUCING
(see also subdivision under Samarkand)

Flutter and wow and their manifestation in sound reproducing (with summary in English on p. 96). E. A. Beneschetnov. Tekh. kino i telev. 6 no. 10:36-44 O '62.

SOUND—RECORDING AND REPRODUCING—BIBLIOGRAPHY see Bibliography—Sound—Recording and reproducing

SOUND WAVES

Anomalous sound reflection from a metal surface at low temperatures. A. F. Andreev. Zhur. eksp. i teor. fiz. 43 no. 1:358-360 Jl '62.

Cylindrical waves of finite amplitude in a dissipative medium. K. A. Naugol'nykh, S. I. Soluian, R. V. Khokhlov. Vest. Mosk. un. Ser. 3: Fiz., astron. 17 no. 4:65-71 Jl-Ag '62.

Reflection of magnetoacoustic waves. L. IA. Kosachevskii. Prikl. mat. i mekh. 26 no. 5:842-847 S-O '62.

SOUNDPROOFING

Soundproofing characteristics of double-glass packages (from "Glasstechnik Berichte," no. 11, 1961). Stek. i ker. 19 no. 9:43 S '62.

Vsesoiuznyi nauchno-issledovatel'skii institut novykh stroitel'nykh materialov. [Manufacture of heat and [illegible] present state and future opto-zvukoizoliatsionnykh [illegible] spektivy razvitiia. [By] [illegible] "zdat, 1962. 1962.

SOUPS

A few lines on the cold kvass soup. R. Bikke. Obshchestv. pit. no. 6:39 Je '62

SOUTH AFRICA, REPUBLIC OF—INTERNAL SECURITY

A new "law on sabotage" in the Republic of South Africa. Mezhdunar. zhizn' 9 no. 10:150-161 O '62.

SOUTH KAZAKHSTAN PROVINCE see Chimkent Province

SOUTH KOREA see Korea, South

SOUTHEAST ASIA COLLECTIVE DEFENSE TREATY

The false teeth of SEATO. A. Baturin. Nov. vrem. 20 no. 43:14-16 O '62.

SOVIET BLOC see Communist Countries

SOVIET CENTRAL ASIA—AFFORESTATION—BIBLIOGRAPHY

Survey of literature on the improvement of desert and semidesert sands of the U. S. S. R. by afforestation published in 1961. Izv. AN Turk. SSR. Ser. biol. nauk no. 3:87-94 '62.

SOVIET CENTRAL ASIA—APPLE—VARIETIES

New early varieties of apple. V. V. Kuznetsov. Priroda 51 no. 8:122 Ag '62.

SOVIET CENTRAL ASIA—AVALANCHES

Snow avalanches as relief producers. M. I. Ivanova. Priroda 51 no. 7:109-111 Jl '62

SOVIET CENTRAL ASIA—BARLEY AS FEED

Studying the collection of mountain barleys in Central Asia in order to use them as green fodder. F. D. Zimmerikh. Sbor. trud. asp. i mol. nauch. sotr. VIR no. 1: 61-70 '60.

SOVIET CENTRAL ASIA—COTTON BREEDING

Intravarietal crossing of cotton [with summaries in English, German, and French]. A. S. Aleksandrov. Vest. sel'khoz. nauki 7 no. 6:76-86 Je '62.

SOVIET CENTRAL ASIA—DESCRIPTION AND TRAVEL

Lics have short legs. G. Khidoiatov. Komm. Uz. 34 no. 9:61-68 S '62

SOVIET CENTRAL ASIA—ECONOMIC CONDITIONS

Far Eastern Economic Region. I. M. Liubimov. Geog. v shkole 25 no. 5:15-20 S-O '62.

Lics have short legs. G. Khidoiatov. Komm. Uz. 34 no. 9:61-68 S '62.

SOVIET CENTRAL ASIA—ECONOMIC POLICY

Raise the standard of coordinative work. A. Rudin. Part. zhizn' no. 19:8-14 O '62.

SOVIET CENTRAL ASIA—GEOLOGICAL SURVEYS

[G. D. Romanovskii, collected documents] G. D. Romanovskii; sbornik dokumentov. Tashkent, Gos. Izd-vo Uzbek. SSR, 1961. 298 p. (Russkie uchenye-issledovateli Srednei Azii, vol. 4)

SOVIET CENTRAL ASIA—HISTORY—SOURCES

Important materials on the work of the Turkestan Bureau of the Central Committee of the Russian Communist Party (Bolshevik). V. Ustinov. Komm. Uz. 34 no. 9: 85-90 S '62.

SOVIET CENTRAL ASIA—IRRIGATION

Use of the data of historical sciences in the practice of the national economy. Vest. AN SSSR 32 no. 9:122 S '62.

SOVIET CENTRAL ASIA—PALEOGEOGRAPHY

Study of the Aptian and Albian paleogeography in the northwestern part of Central Asia based on the comparison with recent conditions of sedimentation. V. L. Librovich. Trudy VSEGEI 72:40-56 '62.

SOVIET CENTRAL ASIA—RAILROADS—CONSTRUCTION

History of the construction of the Orenburg-Tashkent Railroad. M. Kh. Asylbekov. Izv. AN Kazakh. SSR. Ser. ist., arkheol. i etn. no. 2:44-61 '62.

SOVIET CENTRAL ASIA—RAILROADS—EARTHWORK

Introduction of new techniques and progressive work methods in the Central Asian Construction Machinery Trust. A. Purtseladze, IU. Khovanovich. Ekon. stroi. no. 9:39-44 Ag '62.

SOVIET CENTRAL ASIA—RECLAMATION OF LAND

Deserts will serve the people. N. B. Semikhatova. Priroda 51 no. 8:120-122 Ag '62.

SOVIET CENTRAL ASIA—RECLAMATION OF LAND—CONGRESSES

Interrepublic scientific session on the reclamation of the deserts of Central Asia and Kazakhstan, May 24-27, 1962. A. T. Levadniuk, N. IA. Miagkov. Izv. AN Turk. SSR. Ser. biol. nauk no. 4:80-81 '62.

SOVIET CENTRAL ASIA—RUNOFF

Khamidanova, N. V. [Asynchronism of the discharge of large Central Asian rivers] Asinkhronnost' stoka krupnykh rek Srednei Azii. Frunze, Izd-vo AN Kirgizskoi SSR, 1961. 80 p.

SOVIET CENTRAL ASIA—WATER RESOURCES DEVELOPMENT

Water resources of Central Asia and Kazakhstan. A. A. Dreier. Priroda 51 no. 9:110 S '62.

SOVIET CENTRAL ASIA—WOMEN

"Awakened by the Great October Revolution; collected studies and reminiscences." Reviewed by A. Alieva, R. Barskaia. Komm. Uz. 34 no. 9:93-94 S '62.

"Daughters of the Soviet East" by B. Pal'vanova. Komm. Uz. 34 no. 9:94-96 S '62.

SOVIET FAR EAST—BIOTITES—SPECTRA

Significance of spectrum analysis of biotites for correlating granites and determining their metal potential in the Far East. E. P. Izokh, IA. M. Kravtsov. Trudy VSEGEI 73:80-98 '62.

SOVIET FAR EAST—CROPS AND CLIMATE

Agroclimatic features of the Soviet Far East. P. I. Koloskov. Trudy NIIAK no. 15:14-23 '62.

SOVIET FAR EAST—GEOLOGY, STRATIGRAPHIC

Problems of Hauterivian and Barremian stages in the Far East. V. N. Vereshchagin. Sov. geol. 5 no. 8:33-39 Ag '62.

SOVIET FAR EAST—GRANITE—SPECTRA

Significance of spectrum analysis of biotites for correlating granites and determining their metal potential in the Far East. E. P. Izokh, IA. M. Kravtsov. Trudy VSEGEI 73:80-98 '62.

SOVIET FAR EAST—HISTORY

Flerov, V. S., ed. [Revolutionary movement in Siberia and the Far East] Revoliutsionnoe dvizhenie v Sibiri i na Dal'nem Vostoke. [Tomsk] Izd-vo Tomskogo univ., 1960. 1 v. (RPB)

Nauchnaia konferentsiia po istorii Sibiri i Dal'nego Vostoka, Irkutsk, etc., 1960. [Studies of the Conference on the History of Siberia and the Far East, papers delivered at the plenary session and at the meetings of the Section of Prerevolutionary History, Archaeology, and Ethnography, March 1960] Voprosy istorii Sibiri i Dal'nego Vostoka; trudy: materialy plenarnogo zasedaniia i sektsii istorii dosovetskogo perioda, arkheologii i etnografii, mart 1960. Novosibirsk, Izd-vo Sibirskogo otd-niia AN SSSR, 1961. 401 p.

SOVIET FAR EAST—REVOLUTION, 1917-1921

They finished their march at the Pacific coast. D. Lappo, A. Mel'chin. Komm. Vooruzh. Sil 3 no. 19:85-87 O '62.

SOVIET FAR EAST—ROSEFISH

New method of trawling Far Eastern rosefish. A. V. Lestev. Ryb. khoz. 38 no. 7:36-39 '62.

SOVIET UNION see Russia

SOVIETS
(see also subdivision under Balashikha; Feodosiya, Kirghizistan, Moscow; Petrovskoye District; Popasnya; Saratov Province; Uzbekistan)

Can the chief of a permanent department of the executive committee head a temporary department of this very committee? Sov. deput. trud. no. 10:98 O '62.

"Groups of the deputies of local soviets" by R. A. Safarov. Reviewed by D. Vladimirov. Sov. deput. trud. no. 10:91-93 O '62.

If a Soviet deputy commits a fault. Kh. Burchilan. Sov. deput. trud. no. 10:75-76 O '62.

IUmashev, M. I., comp. [A manual for the personnel of soviets, answering the "Sovety deputatov trudiashchikhsia" readers' questions] V pomoshch' rabotnikam Sovetov; otvety na voprosy chitatelei. Moskva, Izd-vo "Izvestiia," 1962. 199 p.

Kukushkin, IU. S. [The role of rural soviets in the socialist reorganization of rural areas, 1929-1932; based on the materials of the R. S. F. S. R.] Rol' sel'skikh Sovetov v sotsialisticheskom pereustroistve derevni, 1929-1932 gg.; po materialam RSFSR. [Moskva] Izd-vo Mosk. univ., 1962. 154 p.

More attention to the notarial functions of rural soviets. D. Arkhipova. Sov. just. no. 10:16-17 O '62.

[Recommended methods for the work of the deputies of the soviets] Kak rabotat' deputatu. Moskva, Izd-vo "Izvestiia," 1962. 134 p. (Sovety deputatov trudiashchikhsia)

We were informed. Sov. deput. trud. no. 10:73 O '62.

SOWING

Effect of the depth of embedding seeds on the development and yield of buckwheat. K. A. Savyts'kyi. Nauk. pratsi Ukr. nauk.-dosl. inst. zem. 11:76-79 '61.

Problem of the wide row method in sowing forage lupine. IU. IU. Stokovs'kyi. Nauk. pratsi Ukr. nauk.-dosl. inst. zem. 11:86-87 '61.

SOYBEAN see subdivision under Ukraine

SPACE BIOLOGY

Life in outer space. A. I. Oparin. Priroda 51 no. 9: 21 S '62.

With calm and confidence. A. V. Palladin. Priroda 51 no. 9:20 S '62.

SPACE BIOLOGY—CONGRESSES

Session of the Department of Biological Sciences of the Academy of Sciences of the U. S. S. R. on some results and problems of space biology. A. A. Markovich. Izv. AN SSSR, Ser. biol. 27 no. 4:639-643 Jl-Ag '62.

SPACE FLIGHT

Appeal of the Central Committee of the CPSU, the Presidium of the Supreme Council of the U. S. S. R. and the government of the Soviet Union. Za rul. 20 no. 9:1-2 S '62.

The beginning of the space era (continued). L. Korneev. Tekh. mol. 30 no. 9:28-29 '62.

Cosmodrome. Landing field, Red Square. K. Evgen'ev. Sov. pech. no. 9:12-14 S '62.

Dmitrievskii, A. A., and V. N. Koshevoi. [Physical foundations of rocket flight] Fizicheskie osnovy poleta raket. Moskva, Voenizdat, 1962. 77 p. (Raketnaia tekhnika)

Journalists of a cosmic pen. A. Romanov. Sov. pech. no. 9:8-11 S '62.

Kukushkin, V., ed. [Among stars] Zvezdy v ladoniakh. Moskva, Izd-vo "Pravda," 1962. 79 p. (Biblioteka "Komsomol'skoi pravdy," no. 8)

Moscow speaks and puts on a show. Sov. pech. no. 9:14-16 S '62.

Pobedonostsev, IU. A. [Way into space; achievements of Soviet rocket engineering] Put' v kosmos; dostizheniia sovetskoi raketnoi tekhniki. Moskva, Voenizdat, 1962. 98 p. (Nauchno-populiarnaia biblioteka)

Space navigation. V. P. Petrov, V. P. Seleznev. Priroda 51 no. 8:14-23 Ag '62.

PACE FLIGHT (Continued)
Storming the expanses of the universe Bibliotekar' no 9 1-3 S '62
"This has shaken the world," P. Smolenskii Sov. pech no. 9:17-18 S '62.

Zotov, V. S. [At the start of the space age, in K. E. Tsiolkovskii's Museum] U istoka kosmicheskoi ery, v Dome-muzee K. E. Tsiolkovskogo [Kaluga] Kaluzhskoe knizhnoe izd-vo, 1962 170 p

PACE FLIGHT—BIBLIOGRAPHY see Bibliography—Space flight

PACE FLIGHT TO MARS
Flights to the moon and Mars to follow. V.G. Fesenkov. Priroda 51 no.9 21-22 S '62.

PACE FLIGHT TO THE MOON
Flights to the moon and Mars to follow. V.G. Fesenkov. Priroda 51 no.9 21-22 S '62.

PACE MEDICINE
Medicobiological control in space flight. V.I. IAzdovskii, R.M. Baevskii. Vest. AN SSSR 32 no.9:9-15 S '62.
Problems in space medicine, a collection of articles by foreign authors] Voprosy kosmicheskoi meditsiny, sbornik statei zarubezhnykh avtorov. Moskva, Medgiz, 1962. 323 p.
Space biotelemetry. N. Agadzhanian, I. Akulinichev. Tekh. mol. 30 no.9:25 '62.

PACE MICROBIOLOGY
Rybakov, N. I. [Microbes and space] Mikroby i kosmos. [Moskva] Izd-vo "Znanie," [1962] 28 p. (Novoe v zhizni, nauke, tekhnike. VIII Serila: Biologila i meditsina, no. 14)

PACE SCIENCES—CONGRESSES
Third International Symposium on the Exploration of Outer Space held at Washington, May 1-5, 1962. K. IA. Kondrat'ev. Usp. fiz. nauk 78 no. 1:167-179 S '62.

PACE VEHICLES—ABSTRACTS
[Rocket engineering and space flight equipment] Ref. zhur. Otd. vyp 41: Raket. tekh. i app. kosm. pol. nos. 19-20 O '62

PACES, GENERALIZED
Axial images of conjugate nets of n-dimensional projective space and some problems related to them. V.V. Goldberg. Mat. sbor. 58 no.2:749-784 O '62.
Feasibility of describing a Riemannian space by means of a finite interval Part 1 IU. A. Rylov. Izv. vys. ucheb. zav., mat no. 3:131-142 '62.
Invariant characteristics of certain nets V M Malorov. Uch. zap IAr. gos. ped. inst. no. 34:127-154 '60.
Invariant subspaces of one operator. T. I Zelenlak. Sib. mat. zhur. 3 no. 3:471-476 My-Je '62.
New characteristics of continuity and complete continuity of integral operators in Orlicz spaces. IA. B. Rutitskii. Izv. vys. uch. zav. ;mat. no. 5:97-100 '62.
On the indicator of a function, subharmonic in a multidimensional space. V.S. Azarin. Mat. sbor. 58 no.1. 87-94 S '62.
Quantum field theory in p-space of constant curvature [with summary in English]. IU A Gol'fand. Zhur. eksp. i teor fiz. 43 no 1:256-267 Jl '62.
S. L. Sobolev's functional spaces of negative order and their application to Neumann's problem. P. B. Kagan Izv. vys. uch. zav. ;mat. no. 5:43-46 '62.
Theorems of embedding for Sobolev's generalized W_p^l classes S. V. Uspenskii. Sib. mat. zhur. 3 no. 3 418-445 My-Je '62.

PACESHIPS
"Parus," the spaceship of the near future. A. Druzhkin. Izobr. i rats. no. 8:33-34 Ag '62.

PACESHIPS—PROPULSION SYSTEMS
Perel'man, R. G. [Engines of galactic ships] Dvigateli galakticheskikh korablei. Moskva, Izd-vo Akad. nauk SSSR, 1962. 197 p. (Akademila nauk SSSR. Nauchno-popullarnaia serila)

PAIN—CIVIL WAR, 1936-1939
"The only right path" by Dolores Ibarruri. Book review. Part. zhizn' no. 20:77-78 O '62.

PAIN—HISTORY—SOURCES
Materials for the study of Spanish fueros and cartas-pueblas. S. V. Friazinov. Sred. veka no. 22,150-179 '62.

PAIN—STRIKES AND LOCKOUTS
The unity of anti-fascist forces is growing. Eduardo Garcia. Part. zhizn' no. 19:61-67 O '62.

PALLANZANI, LAZARRO, 1729-1799
Lazzaro Spallanzani's studies on problems of animal reproduction. P.N. Skatkin. Trudy Inst. ist. est. i tekh. 40:221-247 '62.

PANISH AMERICA see Latin America

PANISH LANGUAGE—DICTIONARIES—RAPANUI
"Dictionary and grammar of the language of the Easter Island; Rapanui-Spanish, Spanish-Rapanui" [in English and Spanish] by Jordi Fuentes. Reviewed by I Fedorova. Sov. etn. no. 4:221-223 Jl-Ag '62.

SPECTROGRAPH—TESTING
Investigating the DFS-3 spectrograph A. I Kirillkina. Soob GAISH no. 120 17-24 '62.

SPECTROPHOTOMETRY
Coloring of light-sensitive glass by X radiation. V. A. Borgman, V. G. Chistoserdov. Opt i spektr 11 121-421 S '62.
Photoelectric analysis V A Cherepnov. Izv vys. ucheb zav., radiotekh 5 no 3 409-411 My-Je '62
Spectrophotometric method for studying phosphorus compounds in the contraction of intact muscles. N. S. Puntelevа Usp sovr biol 53 no. 3:289-305 My-Je '62

SPECTRUM, INFRARED
Effect of ions on the absorption band of the O-H bond. I. S. Perelygin. Opt. i spektr. 13 no. 3:353-356 S '62.
Intensities in infrared absorption spectra and the study of polyatomic molecules. L. A. Gribov Dokl. AN SSSR 146 no. 1,69-71 S '62.
Temperature dependence of the band width of infrared absorption spectra. V. V. Rakov. Opt. i spektr. 13 no. 3:369-373 S '62.

SPECTRUM ANALYSIS
Method for measuring the color temperature of light sources using relative intensities of spectral lines. V. I. Gladushchak, E. IA. Shreider. Opt. i spektr. 13 no. 3,457-459 S '62.
New developments in interference spectroscopy [translated from the English]. P. Jacquinot. Usp. fiz. nauk 78 no. 1 123-166 S '62.
Pulsation spectra behind a lens E. A. Bliakhman. Uch zap IAr. gos ped. inst no 34 341-345 '60.
Recent data on the spectral characteristics of pulsed lamps. V. P. Kirsanov, I. S. Marshak, M. I. Epshtein. Opt. i spektr. 13 no. 3:442-446 S '62.

SPECTRUM ANALYSIS—STUDY AND TEACHING
Practical training on spectroscopy in a pedagogical institute N A Kurryev Vest vys. shkoly 20 no 8 75-76 Ag '62

SPECULUM (MEDICINE)—STERILIZATION
Simple methods for sterilizing stomatological specula. Z M. Gerchikova, I L. Gerchikov. Stomatologiia 41 no 4:83 Jl-Ag '62

SPEECH CORRECTION see Speech therapy

SPEECH THERAPY
Titarev, V. I. [Treatment of children with a congenital deformity of the lip and palate, speech training at home following an operation on the palate] Lechenie detei s vrozhdennym urodstvom guby i nëba; obuchenie rechi v domashnei obstanovke posle operatsii na nëbe. Kishinev, Kartia moldovenlaske, 1962. 26 p.
(DNLM)

SPEIDEL, HANS, 1897-
Serov, V. A. [When the mask is off] Kogda sorvana maska. Moskva, Gospolitizdat, 1962. 20 p.

SPELEOLOGY
Course materials for beginning tourists-speleologists; minimum requirements. I. I. Sokolov. Nov kar i spel no. 2:05-06 '61.

SPELEOLOGY—BIBLIOGRAPHY see Bibliography—Speleology

SPELEOLOGY—CONGRESSES
Third International Speleological Congress in Vienna-Oberlaun - Salzburg, 1961 Nov. kar i spel no 2 99-100 '61

SPERANSKII, MIKHAIL MIKHAILOVICH, 1772-1839
"The drafts of laws and memorands" by M. M. Speranskii. Reviewed by A. I. Parusov Vop ist. no. 8:124-125 S '62.

SPERMATOGENESIS IN PLANTS
Morphological and physiological characteristics of pollen germination in the ash tree. Z. V. Nikolaeva. Dokl. AN SSSR 146 no. 1,221-224 S '62.

SPERMATURIA
Reaction of spermaturia in male lake frogs in the diagnosis of missed abortion. M. A. Davydova. Kaz. med. zhur. no. 3:34 My-Je '62.

SPESSARTITES see subdivision under Caucasus

SPHERICAL HARMONICS
Cubature formulas on a sphere, invariant with respect to transformations of finite rotation groups. S. L. Sobolev. Dokl. AN SSSR 146 no. 2:310-313 S '62.

SPILITES
Spilites and hypothesis of transvaporization in the light of new oceanological and volcanological data. D. S. Korzhinskii. Izv. AN SSSR. Ser. geol. 27 no. 8:12-17 S '62.

SPILLWAYS
Ways for reducing the costs of flood water spillways on collective farm ponds. V. S. Misonev. Trudy MIIZ no. 14:89-95 '61.

SPINAL CORD—DISEASES
Spinal insults in discopathies [with summary in French] S N Davidenkov, G V Shamova. Och. klin nevr no. 1 123-130 '62.
Symposium on vascular pathology of the brain and spinal cord. T. V. Satmari. Zdravookhranenie 5 no. 4 63-64 Jl-Ag '62.

SPINAL CORD—TUBERCULOSIS
Erofeev, P. P. [Tuberculosis of the brain, spinal cord and meninges, a morphological study] Tuberkulez golovnogo, spinnogo mozga i obolochek, morfologicheskoe issledovanie. Moskva, Medgiz, 1962. 222 p.
(DNLM)

SPINAL CORD—WOUNDS AND INJURIES
Sharapov, B. I. [Changes in the brain and spinal cord in closed cranial trauma] Izmenenila v golovnom i spinnom mozge pri zakrytoi travme cherepa. Kishinev, Kartia moldovenlaske, 1962. 111 p.
(DNLM)

SPINAL MENINGITIS see Meningitis, Spinal

SPINE—ABNORMITIES AND DEFORMITIES
Case of congenital deformation of the scapula in combination with a supernumerary omovertebral bone. I. S. Mazo, A. A. Rubanovich. Orthop., travm. i protez. 23 no. 6:67-68 Je '62.
Diagnosis of craniospinal anomalies [with summary in French]. F I Derlabina Och. klin. nevr no 1:71-78 '62

SPINNING MACHINERY
Machine for groove rolling on semichenite rollers. A N. Zakharov. Tekst. prom. 22 no. 9:81 S '62.
Use of static electric charges and magnetoelectric fields in drawing fibrous materials. P. D. Baltasov. Tekst. prom. 22 no. 9:47-51 S '62.

SPINOZA, BENEDICTUS DE, 1632-1677
Rationalism of the 17th century and Spinoza's theory of knowledge. V. V. Sokolov. Vest Mosk. un. Ser. 8 Ekon., filos. 17 no. 5:64-74 S-O '62.

SPLEEN
Agranulocytosis developing after implantation of autoclaved spleen and immune agranulocytosis with favorable effect from cortisone therapy. A. F. Turanenko. Probl. gemat. i perel. krovi no. 8:47-48 '62.
Effect of the spleen on hemitopoiesis; concerning the discussion articles by M. M. Tushinskaia, IU. P. Urinson and Professor D. N. IAnovskii. L. I. Geller. Probl. gemat. i perel. krovi no. 8:37-38 '62.

SPLEEN—RADIOGRAPHY
Reports. Klin. khir. no. 7:84-86 Jl '62.
Significance of splenoportography in the diagnosis of thrombosis of the splenic vein. E. I. Chinchenko. Klin. khir. no. 7:70-72 Jl '62.
Splenoportography and its diagnostic significance. R. V. Bogoslavskii, E. I. Mitrofanov. Klin. khir. no. 7: 9-15 Jl '62.

SPLEEN—WOUNDS AND INJURIES
Kuzanov, E. I. [Closed lesions of the liver and spleen] Zakrytye povrezhdenila pecheni i selezenki. Tbilisi, Gos. izd-vo "Sabchota Sakartvelo," 1962. 174 p. (Biblioteka vracha)
(DNLM)
Treatment of closed wounds of the liver and spleen. P. V. Kravchenko, V. E. Volkov. Kaz. med zhur. no. 3:27-28 My-Je '62.

SPLENIC VEIN—DISEASES
Significance of splenoportography in the diagnosis of thrombosis of the splenic vein. E. I. Chinchenko. Klin. khir. no. 7:70-72 Jl '62.

SPLINTS (SURGERY)
Expandible wooden splint for treating fractures of the clavicle. IU. G. Gorlunov. Orthop., travm. i protez. 23 no. 6:60-61 Je '62.
Very simple splint for the fixation of jaw chips K. I. Kikalishvili. Stomatologiia 41 no. 4:88-89 Jl-Ag '62.

SPONGES
It appears, that... I. Akimushkin. IUn. nat. no. 8:36-37 Ag '62.

SPORES (BOTANY)
Spores of true ferns of the subfamily Pteridese Diels found in the U. S. S. R. Report No. 2 Series Pterideae-Cheilanthinae. A. N. Sladkov. Vest. Mosk. un. Ser. 6: Biol., pochv. 17 no. 4:48-59 Jl-Ag '62.

SPORTS
Actors and sports. V. Sapunov Teatr 23 no. 8 151 Ag '62.
Leskova, E. V., comp. [Double expert; sketches] Dvazhdy master; ocherki. Moskva, Izd-vo "Sovetskaia Rossila," 1962. 168 p.

SPORTS—PHYSIOLOGICAL ASPECTS
Adaptation to unfavorable changes in the body's internal environment as a condition for volitional manifestations in the sportsman. A. B. Gandel'man. Probl. psikhol. sporta no. 2:143-154 '62.
Characteristics of the adaptation of sportsmen to emotional influences and physical stress. N. V. Zimkin. Probl. psikhol. sporta no. 2:134-142 '62.

SPORTS — PHYSIOLOGICAL ASPECTS (Continued)

Characteristics of the emotional and volitional processes in a disorder of the dynamic stereotype of habitual action. P.A.Rudik, I.I Lependina. Probl.psikhol.sporta no.2:81-86 '62.

Content in and methods for the training of the will in the sportsman. G.M.Gagaeva. Probl.psikhol.sporta no.2:20-31 '62.

Effect of some types of sports pursuits on the development in sportsmen of decisiveness and daring. T.T. Dzhamgarov. Probl.psikhol.sporta no.2 57-88 '62.

Intellectual bases for the training of the will in the sportsman. A.TS.Puni. Probl.psikhol.sporta no.2:40-48 '62.

Moral bases for the training of the will in the Soviet sportsman. V.V.Belorusova. Probl.psikhol.sporta no.2 32-39 '62.

Psychological analysis of the difficulties in track athletics. O.M.Tutundzhian. Probl.psikhol.sporta no.2 213-218 '62.

Psychological bases for the moral training of the will in the sportsman. P.A.Rudik Probl.psikhol.sporta no.2:9-19 '62.

Psychological characteristics of the difficulties, and the surmounting of them, in long distance and marathon running and in walking. A.S.Egorov. Probl.psikhol. sporta no.2:226-233 '62.

Psychological hurdles in the competitions among sportsmen. V.K.Gavriliuk. Probl.psikhol.sporta no.2, 99-107 '62.

Physiological mechanisms of volitional actions. E.K. Zhukov, IU.Z.Zakhariants. Probl.psikhol.sporta no.2:130-133 '62.

Psychological reasons for the failures of sports collectives in competition. G.A.Grebaus. Probl.psikhol. sporta no.2 301-305 '62.

Physiological studies of the effect of the conditions for a competition. K.M.Smirnov. Probl.psikhol.sporta no.2:165-169 '62.

Psychological training of soccer players for the coming competition. G.M.Gagaeva. Probl.psikhol.sporta no.2:284-291 '62.

Psychological training of the weight lifter. V.M.Plsarenko. Probl.psikhol.sporta no.2 387-395 '62.

Role of the emotions in the volitional acts of the sportsman. O.A.Chernikova. Probl.psikhol.sporta no.2, 49-65 '62.

Self-training of the will in the sporteman. A.TS.Puni. Probl.psikhol.sporta no.2 122-129 '62.

Significance of the will in sports competition. G.M. Dvali. Probl.psikhol.sporta no.2:103-114 '62.

Some factors altering the successfulness of the playing actions of basketball players. A.A.Viru. Probl. psikhol.sporta no.2,261-266 '62.

Some physiological bases for the manifestation of volitional activity in the sportsman. A.V.Korobkov. Probl. psikhol.sporta no.2:155-164 '62.

Study of the speed of a complex reaction in a boxer. Sh.N.Zakirov. Probl.psikhol.sporta no.2:361-373 '62.

SPORTS—YEARBOOKS

[Sports yearbook for 1960; competitions, winners, results] Sportivnyi ezhegodnik 1960 g.; sorevnovaniia, pobediteli, rezul'taty. Moskva, Fizkul'tura i sport, 1961. 429 p.

SPORTS MEDICINE

Tamblan, N.B. [The heart and sports] Serdtse i sport. Moskva, Izd-vo "Znanie," 1962. 44 p. (Novoe v zhizni, nauke, tekhnike. VIII Serita: Biologiia i meditsina, no.15)

SPRAYING AND DUSTING EQUIPMENT

Types of spraying and dusting machinery. I.F.Snegovskii. Trakt.i sel'khozmash. 32 no.10 31-37 O '62.

SPRINGS see subdivision under Krasnodar Territory

SPRINGS (MECHANISM)

Finishing the characteristics of springs. E.I.Feitkson. Priborostroenie no.9:19-21 S '62.

SPRINKLER IRRIGATION

(see also subdivision under Moldavia)

Watering using the DDA-100 sprinklers without removal of water. S.S.Vanelan. Gidr.i mel. 14 no.8:14-20 Ag '62.

SPRUCE

(see also subdivision under Moscow Province; Polesye)

Patterns of the relationship among morphological, anatomical, physical and mechanical indices in spruce [with summary in English]. R.S.Stepanov. Izv. TSKHA no.2:209-213 '62.

SPUTNIKS see subdivision under Artificial satellites

SQUIRRELS

Taxonomic position of common and Caucasian squirrels [with summary in English]. R.S.Poliakova Zool zhur. 41 no.8 1247-1254 Ag '62.

STABILITY

Calculations for the stability of structures. V.Kh. Gol'tsman. Gidr.stroi 32 no.8:47-48 Ag '62.

STABILITY OF AUTOMOBILES

Lateral body heel and the stability of an automobile. V.A. Ilarionov. Avt.prom. 28 no.10:29-32 O '62.

STABILITY OF HELICOPTERS

Stability of a flying platform with an automatic pilot under hanging conditions. E.A.Kuklev. Izv.vys.ucheb.zav., av tekh. 5 no.3 34-45 '62.

STAINS AND STAINING

Wood staining by means of deep impregnation. N.D. Andronov. Der.prom. 11 no.10,16-17 O '62.

STAINS AND STAINING (MICROSCOPY)

Impregnation of reticular fibres, modification of Foot's method E.IA.Lokteva Vest.AN Kazakh SSR 18 no.6 91-93 Je '62.

Method for silver impregnation of the neural elements of the inner ear. IU.P.Tolstov. Vest.otorin. no.5 73-75 '62.

STALIN, IOSIF, 1879-1953

The party during the prewar period, 1937 - June 1941. A.S.Smirnov. Vop.ist KPSS 6 no.5:134-144 '62.

STALINGRAD see Volgograd

STALINGRAD, BATTLE OF, 1942-1943—BIBLIOGRAPHY see Bibliography—Stalingrad, Battle of, 1942-1943

STALINGRAD PROVINCE see Volgograd Province

STALINO see Donetsk

STALINO PROVINCE see Donetsk Province

STALINSK see Novokuznetsk

STAMMERING

Basic principles and methods of preventing and treating stammering [with summary in French]. D.D Daskalov Zhur.nevr.i psikh. 62 no.7:1047-1052 '62.

Training in expressiveness in speech among stuttering preschool children. IU.B.Nekrasova. Vop.okh.mat.i det. 7 no.8:85-86 Ag '62.

STANDARDIZATION

Organization of the control of maintaining standards and specifications. V.E.IAkhontov. Standartizatsiia 26 no.9:28-30 S '62.

Meeting of the permanent committee of the Council of Economic Cooperation for Standardization. Standartizatsiia 26 no.9:61 S '62.

Standardization brings savings. V. Zamalin. Izobr.i rats. no.10:10 O '62.

STANDARDS, ENGINEERING

Changes in standards. Vod.i san.tekh. no.7:25 Jl '62.

Changes in standards. Vod.i san.tekh no.8:31-32 Ag '62

[Information index of standards] Inform.ukaz.stand. 23 no.4 '62.

The principal statutes governing the design of public buildings and structures. V.Smirnov. Zhil.stroi no.8:33-34 '62.

STANDPIPES

First experience with reinforced concrete standpipes. V.Likhovid, O.Gumarov. Na stroi.Ros 3 no.5 25-26 My '62.

STANISLAV PROVINCE—OIL RESERVOIR ENGINEERING

Studying the process of oil displacement by high-pressure gas in the Bitkov field of the Western Ukraine. V.I. Sergeevich, T.P.Zhuze, V.F.Burmistrov. Nauch.-tekh.sbor.po.dob.nefti no.15:44-49 '61.

STANOVOY RANGE—ROCKS, CRYSTALLINE AND METAMORPHIC

Age of metamorphic rocks in the western part of the Stanovoy Range. S.P.Korikovskii. Trudy VSGI, Ser. geol. no.5:248-257 '62.

STAPHYLOCOCCAL DISEASE

Clinical bacteriological evaluation of the effectiveness of erythromycin in chronic diffuse streptostaphyloderma A.A.Shtein, S.I.Dovzhanskii. Vest.derm.i ven. no.8: 35-39 '62.

STAPHYLOCOCCUS

Role of penicillinase in the resistance of staphylococcus aureus to benzyl penicillin [with summary in English]. G.Steinman. Antibiotiki 7 no.8:718-724 Ag '62.

STARAYA KULATKA DISTRICT—POLITICS AND GOVERNMENT

Active participation of farmers in town meetings. N.Chernov. Sov.deput.trud. no.10:57-58 O '62

STARAYA RUSSA—HEALTH RESORTS, WATERING PLACES, ETC.

Results of treating chronic lumbosacral radiculitis at Staraya Russa health resort [with summary in French]. V.B Kisciev. Och.klin.nevr. no.1:239-250 '62.

STARFISHES

It appears, that... I.Akimushkin. IUn.nat. no.8:36-37 Ag '62.

STAROKADOMSKII, LEONID MIKHAILOVICH, 1872-1962

L.M.Starokadomskii; obituary. I.P.Kirichenko. Izv. Vses.geog.ob-va 94 no.4:359-360 Jl-Ag '62.

STARS

Influence of the Doppler effect on the luminosity and color of stars. A.V.Zosov. Soob.GAISH no.120:52-68 '62.

Problem of the origin of stars. V.G.Fesenkov. Izv. Astrofiz.inst.AN Kazakh.SSR 2:3-33 '56.

Unsuitability of the accretional hypothesis in the problem of origin and evolution of white giants. G.M.Idlis. Izv. Astrofiz.inst.AN Kazakh.SSR 2:34-40 '56.

STARS—ATMOSPHERES

Light polarization in stellar atmospheres [with summary in English]. D.I. Nagirner Uch.zap.LGU no.307 79-87 '62

Theory of extended photospheres [with summary in English] V.G.Buslavskii. Uch.zap.LGU no.307: 67-78 '62.

STARS—CLUSTERS

Density distribution in spherical clusters of stars and galaxies [with summary in English]. T.A.Agekian, I.V.Petrovskaia. Uch.zap.LGU no.307:187-201 '62.

Possible mechanism of the origin and expansion of stellar associations. G.M.Idlis. Izv.Astrofiz.inst. AN Kazakh SSR 2:41-52 '56.

STARS—MASSES

Static solutions with an energy excess in the general relativity theory [with summary in English]. IA.B. Zel'dovich. Zhur.eksp.i teor.fiz. 42 no.6:1667-1671 Je '62.

STARS—OBSERVATIONS

Conclusion of a four-year series of observations on a photoelectric transit instrument and preliminary results [with summary in English]. A.V.Shiriaev, M.P.Mishchenko. Uch.zap.LGU no.307:210-229 '62.

STARS—SPECTRA

Intensity of hydrogen emission lines in stellar spectra [with summary in English]. V.V.Sobolev, V.V Ivanov. Uch.zap.LGU no.307:3-17 '62.

STARS, DOUBLE

Method for detecting binary stars [with summary in English]. B.I Fesenko. Uch.zap.LGU no.307: 202-209 '62.

STARS, NEW

Chemical composition of novae envelopes [with summary in English]. V.G.Gorbatskii. Uch.zap.LGU no.307: 15-51 '62.

New data on "new" stars. D.A.Frank-Kamenetskii. Priroda 51 no.7:119-120 Jl '62

STARS, VARIABLE

Polarization in β Lyrae [with summary in English] O.S Shulov. Uch.zap.LGU no.307:155-165 '62

Spectrophotometric investigation of the eclipsing variable, U Sagittae [with summary in English]. M.A.Svechnikov. Uch.zap.LGU no.307:125-154 '62

STARS, VARIABLE—SPECTRA

Spectrophotometric study of RY Per. S.M.Azimov. Izv.AN Azerb.SSR.Ser.fiz.-mat i tekh.nauk no.3 119-131 '62.

STARVATION

Some characteristics of the change of mitotic activity during starvation in animals. N.F.Gromakin. Tsitologiia 4 no.4:403-408 Jl-Ag '62.

STASOV, VLADIMIR VASIL'EVICH, 1824-1906

V.V.Stasov's work on the preparation for the press of materials on the history of Russian art. O.B.Vrzskaia Kniga; issl.i mat. 6:269-281 '62.

STATE FARMS

(see also subdivision under Golodnaya Steppe; Krasnodar Territory; Moscow Province; Virgin Territory; White Russia)

[Handbook for the state-farm construction worker] Spravochnik sovkhoznogo stroitelia. Moskva, Sel'khozizdat, 1962. 598 p.

Important matter of common concern. V.Zagulina. Obshchestv.pit. no.6:17-19 Je '62.

Improve the work of state farms under the economic councils of the R.S.F.S.R. I.A.Larikov. Kons.i ots. prom. 17 no.10:22-23 O '62.

Organization and distribution of sections on state grain farms. G.A.Kuznetsov. Trudy MIIZ no.14:23-34 '61.

A restaurant was opened on a state farm... A.Zasukha. Obshchestv.pit. no.6:19-22 Je '62.

STATE FARMS—ACCOUNTING see subdivision under Latvia

STATE FARMS—AUDITING AND INSPECTION

Increase control over the work of state farms. S.Nedelin. Fin.SSSR 23 no.9:18-25 S '62.

STATE FARMS—COMMUNICATION SYSTEMS

Harness all hidden potentials in providing better service to state and collective farm administration centers. I.A.Pachkaev. Vest.sviazi 22 no.9:18-20 S '62.

Spare no effort in the development of telephone intercommunication systems in collective and state farms. F.N Bratanovskii. Vest.sviazi 22 no.9:17-18 S '62.

STATE FARMS—FINANCE

Problems in strengthening business accounting on state farms. I.Marinko. Vop.ekon. no.9:60-67 S '62.

STATE FARMS—MANAGEMENT
Know how to count and manage Sov. profsoiuzy 18 no 19 2-3 O '62

STATE FARMS—OFFICIALS AND EMPLOYEES see subdivision under Georgia

STATES, NEW
National democratic states. Part. zhizn' no. 20:59-63 O '62.

STATES, NEW—ECONOMIC CONDITIONS
Lenin's theory of possibility for colonial and dependent countries to pass the capitalist phase and its present-day significance. V. P. Agafonov. Nauch. dokl. vys. shkoly, filos. nauki 5 no. 3:52-59 '62.

STATES, NEW—ECONOMIC CONDITIONS—BIBLIOGRAPHY
Books which unmask the ideology of colonialism. IU. Semenov, A. Diboan. Kommunist 39 no. 16:121-123 N '62.

STATISTICAL WEATHER FORECASTING see subdivision under Moscow

STATISTICS
[Problems of economic statistics; collected articles] Voprosy ekonomicheskoi statistiki; sbornik statei. Pod red. T. V. Riabushkina. Moskva, Gosstatizdat. No. 2. 1960. 132 p.
Statistical problems discussed in newspapers and journals. Vest. stat no 9:89 '62.
The 12th Session of the Statistical Commission of the United Nations. V. B. Ekon. Rad. Ukr. no. 6 100-102 S-O '62.

STATISTICS—BIBLIOGRAPHY see Bibliography—Statistics

STATUES see subdivision under Leningrad

STATUETTES see subdivision under Kansk District

STAVROPOL TERRITORY—CORN (MAIZE)
Improvements in the technology of treating hybrid and graded corn seed at the factories of Stavropol Territory. R. Shklindov. Muk.-elev. prom. 28 no. 7:7-9 Jl '62.

STAVROPOL TERRITORY—CORRESPONDENCE SCHOOLS AND COURSES
Let's concentrate our concern and attention on correspondence education. V. Foteeva. Vech. sred. shkola 5 no. 3:27-28 My-Je '62.

STAVROPOL TERRITORY—GRAIN HANDLING
Improvements in the technology of treating hybrid and graded corn seed at the factories of Stavropol Territory. R. Shklindov. Muk.-elev. prom. 28 no. 7:7-9 Jl '62.

STAVROPOL TERRITORY—RESTAURANTS, LUNCHROOMS, ETC.
Where does the director dine? P. Ivanov. Sov. profsoiuzy 18 no. 18:35-36 S '62.

STEAM
Concerning the degree of moisture in a two-phase flow. V. I. Bulanin. Trudy LPI no. 221:85-102 '62.

STEAM BOILERS, MARINE see Boilers, Marine

STEAM POWER PLANTS
Drobyshev, A. I. [Organization of construction and installation of thermal electric power plants] Organizatsiia stroitel'stva i montazha teplovykh elektrostantsii. Moskva, Gosenergoizdat, 1962. 119 p.
Solov'ev, IU. P. [Heat calculations of industrial steam-turbine electric power plants] Teplovye raschety promyshlennykh paraturbinnykh elektricheskikh stantsii. Moskva, Gosenergoizdat, 1962. 157 p.

STEAM TURBINES
Morozov, S. G. [Heat calculations of a steam turbine with variable operating conditions] Teplovye raschety parovoi turbiny pri peremennykh rezhimakh. Moskva, Mashgiz, 1962. 297 p.
The R-50-130-1 steam turbine. K. G. Drozhilov. Biul. tekh.-ekon. inform. Gos. nauch.-issl. inst. nauch. i tekh. inform. no. 9:44-46 '62.
Using the pressure drop of natural gas. A. P. Klimenko, A. V. Stepanov, L. M. Vekshtein. Trudy Inst. isp. gaza AN USSR 9:97-102 '61.

STEAM TURBINES—DESIGN AND CONSTRUCTION
Problem of the improving of turbine stages operating with moist steam. I. I. Kirillov, R. M. IAblonik. Teploenergetika 9 no. 10:41-47 O '62.
Solov'ev, IU. P. [Heat calculations of industrial steam-turbine electric power plants] Teplovye raschety promyshlennykh paraturbinnykh elektricheskikh stantsii. Moskva, Gosenergoizdat, 1962. 157 p.

STEAM TURBINES, MARINE
Effect of the type of diagram for the connection of auxiliary steam engines to the main cycle on the economy of steam turbine power plant operations. V. A. Semeka. Trudy TSNIIMF no. 36:31-45 '61
Lukin, G. IA. [Steam turbines on modern seagoing ships] Paroturbinnye ustanovki sovremennykh morskikh sudov. Moskva, "Morskoi transport," 1962. 229 p.
Main directions of the development of marine steam turbine plants. N. A. Rozhdestvenskii. Trudy TSNIIMF no. 38 3-30 '61

STEAMPIPES
Temperature stresses in steampipes made with 12KhMF steel in case of heating. D. P. Elizarov. Teploenergetika 9 no. 10, 59-64 O '62.

STEARIC ACID
Dehalogenation of iodoxystearic acids by alkaline earth hydroxides. M. A. Panikova. Zhur. ob. khim. 32 no. 9 3044-3047 S '62

STEEL
(see also subdivision under United States)
An accelerated method for thermal treatment of magnetic circuits from cold-rolled electrical steel. F. V. Ul'iash, M. M. Nazarov. Vest. elektroprom. 33 no. 10, 61-64 O '62.
Rakhshtadt, A. G., ed. [Physical properties of metals and their heat treatment] Metallovedenie i termicheskaia obrabotka. Moskva, Metallurgizdat, 1958 274 p. (Prilozhenie k zhurnalu "Stal' ")

STEEL—ELECTRIC PROPERTIES
Vacuum treatment of transformer steel. E. I. Moshkevich. Metallurg 7 no. 10:8-7 O '62.

STEEL—ELECTROMETALLURGY
(see also subdivision under Zaporozh'ye)
"Electric steel smelter" by A. F. Kablukovskii, V. E. Leibina, S. T. IUdina. Reviewed by E. I. Moshkevich, G. I. Antipenko, E. F. Solov'eva. Metallurg 7 no. 9:3 of cover S '62.

STEEL—HARDENING
Full hardening in oil of a commercial batch of rails. IU. V. Grdina and others. Izv. vys. ucheb. zav., chern. met. 5 no. 8:111-118 '62.
Hardening during the cold plastic deformation of steel. V. K. Babich. Trudy Inst. chern. met. AN URSR 18: 82-85 '62.
How to double metal strength. A. Umanskii. Izobr. i rats. no. 10:11-12 O '62.
Surface hardening of rear-axle gears made of 55PP low-hardenability steel. K. Z. Shepeliakovskii. Avt. prom. 28 no. 10:39-41 O '62.

STEEL—HEAT TREATMENT
Effect of the method of steel smelting, welding, and other factors on the effectiveness of heat treatment of low carbon steel. Trudy Inst. chern. met. AN URSR 18:11-21 '62.
Efficient conditions for shaping and heat treatment of heat-resistant austenite steel. M. P. Braun and others. Mashinostroenie no. 4 32-36 Jl-Ag '62.
Heat treatment of low-carbon steel for the reduction of cold-brittleness. V. N. Svechnikov, S. S. Golubev. Izv. vys. ucheb. zav., chern. met. 5 no. 8:108-110 '62
Heat treatment of plate steel on the 2800 mill. V. I. Rospashenko, V. P. Kulikov. Met. i gornorud. prom. no. 4:35-41 Jl-Ag '62
In the heat-treating department of the plant. N. D. Sedov, R. D. Mininzon. Metallurg 7 no. 10:11-12 O '62.

STEEL—METALLOGRAPHY
Akademiia nauk SSSR. Sibirskoe otdelenie. [Austenite transformation during the continuous cooling of steel] Prevrashchenie austenita pri neprerivnom okhlazhdenii stali. [n.p.]
Pt. 2. [Atlas of thermokinetic diagrams] Atlas termokineticheskikh diagramm. 1960. 404 t.
Effect of carbon on the diffusion of arsenic in austenite. V. V. Kalmykov. Trudy Inst. chern. met. AN URSR 18: 58-61 '62.
Formation of a cubic texture in transformer steel. I. K. Kokscharova, M. V. Liasko, L. V. Minonov. Fiz. met. i metalloved. 14 no. 3:464-465 S '62.
Investigating the effect of zirconium on the structure and properties of carbon steel. V. IA. Savenkov, I. N. Shevchenko. Trudy Inst. chern. met. AN URSR 18: 67-72 '62.
Structural mechanism of phase transformations during the heating of steel. V. D. Sadovskii, G. N. Bogacheva, B. K. Sokolov. Fiz. met. i metalloved. 14 no. 3:414-421 S '62.

STEEL—METALLURGY
(see also subdivision under Novokuznetsk)
New method of manufacturing special steels. G. V. Plechun. Metallurg 7 no. 10:4-5 O '62.

STEEL—TESTING
Behavior of steels under intermittent load beyond the creep strength. T. Sh. Chernis. Izv. AN Kazakh. SSR. Ser. mat. i mekh. no. 10, 98-105 '62.
Effect of arsenic on the wear resistance of rail-type carbon steel. K. F. Starodubov, V. V. Kalmykov. Trudy Inst. chern. met. AN URSR 18:62-66 '62.

STEEL—WELDING
Petrov, V. N. [Resistance welding of steel and aluminum-magnesium alloys] Elektrokontaktnaia svarka stalei i aliuminievo-magnievykh splavov. Leningrad, 1962. 22 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia: Svarka i paika metallov, no. 25)

STEEL, STAINLESS
Scattering of stainless steel and tantalum by the ions of deuterium and krypton with energy level of 5-30 Kev. M. I. Guseva. Radiotekh. i elektron. 7 no. 9 1680-1685 S '62.

STEEL, STAINLESS—METALLURGY
Addition of titanium metal to the ladle in the smelting of stainless steel. E. I. Moshkevich. Met. i gornorud. prom. no. 3 80-81 My-Je '62.

STEEL, STRUCTURAL—TESTING
Effect of the local plastic deformation on the changes in the characteristics of steel for rails. R. A. Ombelg. Vest. TSNII MPS 21 no. 6 37-40 '62.
Zhukova, V. N., and P. D. Khinskii. [Relaxation resistance of pearlitic structural steel for fasteners; practices of the Kirov Plant in Leningrad] Relaksatsionnaia stoikost' konstruktsionnykh stalei perlitnogo klassa dlia krepezhnykh detalei, opyt Leningradskogo Kirovskogo zavoda. Leningrad, 1962. 29 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia Metallovedenie i termicheskaia obrabotka, no. 3)

STEEL ALLOYS
Brand 15 GKhNF steel. A. S. Zhuravlev. Avtom. svar. 15 no. 9:90 S '62.

STEEL ALLOYS—FATIGUE
Effect of the temperature of failure on the structure of fatigue fractures in 1Kh18NeT steel. P. M. Kozlov, A. G. IAkhontov. Fiz. met. i metalloved. 14 no. 3, 387-390 S '62.

STEEL CASTINGS—DEFECTS
Formation of intergranular cracks in steel castings. D. K. Butakov and others. Izv. vys. ucheb. zav., chern. met. 5 no. 8 113-119 '62.

STEEL CASTINGS—METALLOGRAPHY
Structure of cast austenitic steel. I. D. Kedrin. Izv. vys. ucheb. zav., chern. met. 5 no. 8 98-99 '62.

STEEL FORGINGS—HEAT TREATMENT
New conditions for the heat treatment of large forgings of alloyed steel. B. A. Leont'ev, V. F. Zubarev. Izv. vys. ucheb. zav., chern. met. 5 no. 8, 135-142 '62.

STEEL INDUSTRY
(see also subdivision under Kirov, Leningrad)
With a firm step. S. M. Filippov. Metallurg 7 no. 9: 1-2 S '62.

STEEL INDUSTRY—CONGRESSES
All-Union Congress of the Scientific Technological Society for ferrous metallurgy. D. A. Smoliarenko. Met. i gornorud. prom. no. 5, 66 My-Je '62.

STEEL INDUSTRY—EQUIPMENT AND SUPPLIES see subdivision under Donetsk Province

STEEL INDUSTRY—MANAGEMENT
IArkov, V. V. [Learn to manage] Uchis' khozialstvovat'. Sverdlovsk, Metallurgizdat, 1961. 43 p. (Osnovy ekonomiki predpriiatii chernoi metallurgii)
Romanovich, N. D. [Economy and business accounting in ferrous metallurgy] Rezhim ekonomii i khozraschet v chernoi metallurgii. Moskva, Metallurgizdat, 1962 114 p.

STEEL INGOTS
Electric slag remelting of austenitic G13 steel. B. I. Medovar, G. V. Kseendzyk. Avtom. svar. 15 no 9:18-21 S '62.
Mechanizing the flame scarfing of blooms. E. Kh. Shamovskii and others. Metallurg 7 no. 8:24-27 Ag '62.
Reducing metal losses during the pouring of steel. V. M. Borovskii. Metallurg 7 no. 10:29-31 O '62.

STEEL INGOTS—DEFECTS
Fusion of closed shrinkage cavities in killed steel ingots. A. V. Vishniakov and others. Izv. vys. ucheb. zav., chern. met. 5 no 8:41-52 '62
Optima conditions of rolling on blooming mills in connection with high deformations over ingot cross sections. V. A. IAshchenko. Met. i gornorud. prom. no. 3, 19-20 My-Je '62.

STEEL PIPE see Pipe, Steel

STEELWORKERS see Iron and steel workers

STEL'MAKH, MYKHAILO PANASOVYCH, 1912-
Criticism of the novel "Truth and falsehood" (conclusion). M. D. Bernshtein. Rad. lit. 6 no. 5 23-38 S-O '62.

STENDHAL, pseud. see Beyle, Marie Henri, 1783-1842

STEPANAKERT—HEALTH EDUCATION
University of health and longevity. Kh. A. Bozitian. Gig. i san. 28 no. 12:89 D '61.

STEPNOY—PETROLEUM WORKERS—EDUCATION AND TRAINING
On the right path. N. Fadeev. Sov. profsoiuzy 18 no. 19-25 O '62.

STEPNOY—TRADE UNIONS
On the right path. N. Fadeev. Sov. profsoiuzy 18 no. 19 25 O '62.

STEREOCHEMISTRY

Asymmetric compounds of phosphorus Part 1 Gil'm Kamai, G. M. Rusetskaia Zhur. ob khim 32 no. 9 2848-2851 S '62

Asymmetric compounds of phosphorus Part 2 Gil'm Kamai, G. M. Rusetskaia Zhur ob khim 32 no 9 2851-2858 S '62

Stereochemistry of the oxymercuration of dimethyl ester of exo-cis-3, 6-endoxo-Δ⁴-tetrahydrophthalic acid IU K IUr'ev, N S. Zefirov, I P Prikazchikova Zhur ob khim 32 no 8 2744-2745 Ag '62

STEREOPHONIC SOUND SYSTEMS

A stereophonic sound reproducing system. IU. A. Voznesenskii. Trudy VNAIZ no. 9.126-134 '61.

STERILITY IN ANIMALS

Case of freemartinism in Karakul ewes as a consequence of vascular parabiosis in twins of different sex. V. T. IUrchenko. Dokl AN SSSR 146 no. 1:254-256 S '62.

Causes of barrenness in cows in Rostov Province and the ways for eliminating it L V. Gentka Trudy Rost NIVS no. 12:171-178 '60.

Using the ACS biogenic stimulator together with traces elements (cobalt and iodine) for eliminating sterility in cows V S. Kozlov, F. M. Zakharov, E IA Gehgard. Vest. sel'khoz. nauki [Kazakh.] 5 no. 7.89-91 Jl '62

STEROIDS

Isolation of 17-ketosteroids from the daily urine in chronic tonsillitis. V. Z. Pushkin, V. N. Lebedev. Vest. otorin. no. 5:27-30 '62.

STEROL

Production of phytosterol from willow pitch M A Kuzovatova, A IA. Plotnikova Gidroliz. i lesokhim. prom 15 no 6 10-11 '62

STOCK (FLOWER)

Doubling in the stock flower D I Babadzhanidi Agrobiologiia no 4 630-631 Jl-Ag '62.

STOCK AND STOCKBREEDING

(see also subdivision under Moldavia, Orel Province, Tatar A S S. R.)

Persistently increase the output of livestock products. Vest. sel'khoz. nauki 7 no. 8:3-6 Ag '62.

STOCK AND STOCKBREEDING—CONGRESSES

Theoretical principles underlying the raising of farm animals. L. Fitina. Vest. sel'khoz. nauki 7 no. 8 155-157 Ag '62.

STOCK AND STOCKBREEDING—LABOR PRODUCTIVITY

see subdivision under Turkmenistan

STOCK AND STOCKBREEDING—RESEARCH

Scientists help stock breeders. A. Venediktov. NTO 4 no. 10:11 O '62.

STOMACH—CANCER

Antigen structure of tumors in man. Report No. 1. Preparation of specific sera to human stomach cancer [with summary in English]. Z. A. Avenirova, L. A. Liudogovskaia. Vop. onk. 8 no. 5:48-51 '62.

Gastric sarcoma. N. N. Blinitseva, R. L. Prager. Klin. med. 40 no. 6:51-58 Je '62.

Nemyrin, A. N. [Organization of oncological service for patients with stomach cancer] Organizatsiia onkologicheskoi pomoshchi bol'nym rakom zheludka. Moskva, Medgiz, 1962. 107 p. (DNLM)

Ways for the prevention of pulmonary and gastric cancer. A. I. Serebrov, P. P. Dikun. Klin. med. 40 no. 6:7-15 Je '62.

X-ray diagnosis of primary multiple cancer of the stomach. M. G. Vinner, G. A. Litvakovskaia, L. A. Levina. Vop. onk. 8 no. 8:3-7 '62.

STOMACH—INFLAMMATION

C-reactive protein in chronic gastritis S. B Korostovtsev. Kaz. med zhur. no. 3:16-17 My-Je '62.

Effect of the ganglionic blocking preparation hexonium on the functional state of the stomach in peptic ulcer and chronic gastritis [with summary in English]. V. V Trusov. Terap. arkh. no. 6:41-46 '62.

STOMACH—INNERVATION

Afferent routes of the conduction of interoceptive influences from the stomach affecting the vitamin C content of the blood and the absorbing capacity of blood proteins. L. I. Mamedova. Izv. AN Azerb. SSR. Ser. biol. i med. nauk no. 5:85-91 '62.

STOMACH—SECRETIONS

Stomach secretion during the action of Kuka health resort mineral water. V. L. IAroslavtsev. Vop. kur., fizioter. i lech. fiz. kul't. 27 no. 3:224-229 My-Je '62.

STOMACH—SURGERY

Gol'dberg, A. I. [Agastric vitamin B_{12}-deficiency anemia; late sequelae of total gastrectomy] Agastricheskie B_{12}-defitsitnye anemii; otdalennye posledstviia total'noi gastrektomii. Tomsk, Izd-vo Tomskogo univ., 1962. 123 p.

So-called "agastric asthenia" and "early syndrome" following stomach resection for peptic ulcer. I. D. Tanasienko. Klin. khir. no. 7:24-28 Jl '62.

STOMACH—TUMORS

Benign tumors of the stomach and their X-ray diagnosis. I. A. Rita. Klin. khir no. 7:21-23 Jl '62.

Role of pneumoperitoneum with consecutive double contrasting of the stomach in the diagnosis of tumors of its vault and cardial segment [with summary in English] B. M. Astapov. Klin. med. 40 no 6:64-66 Je '62.

STOMATOLOGY

(see also subdivision under Georgia)

Acute leukemia in the stomatologist's practice L T Kalugina Stomatologiia 41 no 1 27-29 Jl-Ag '62.

"Orthopedic stomatology" by A. I. Betel'man Reviewed by I S Rubinov Stomatologiia 41 no 4 101-103 Jl-Ag '62

Pharmacological study of a basic solution from saline Lake Pomorlye and its use in stomatology. S G Bachev. Stomatologiia 41 no 4 22-24 Jl-Ag '62

Ways for preventing mercury intoxications in stomatological offices. G. G. IAroshenko Stomatologiia 41 no 4 86-87 Jl-Ag '62

STOMATOLOGY—CONGRESSES

Fourth Leningrad stomatological conference. M. Dubov. Stomatologiia 41 no 4 107-108 Jl-Ag '62.

Fourth scientific and practical conference of stomatologists, dentists and dental technicians of the North Caucasus Railroad E. A. Kaplun Stomatologiia 41 no. 4 108-109 Jl-Ag '62

STOMATOLOGY—RESEARCH

Method in research work for determining standards in meeting the need for stomatological care. G. A. Novogorodtsev. Zdrav. Ros. Feder. 6 no. 7:7-14 Jl '62.

STONE—STANDARDS

Changes in state standards. Biul. stroi. tekh 19 no. 3: 26-30 Mr '62.

STONE, CRUSHED—TRANSPORTATION

Study of pressure hydraulic conveying of crushed rock with the operation of a water pump A E Ivanov. Gidr. stroi. 32 no 8 36-38 Ag '62

STONE AGE

(see also subdivision under Angara Valley, Armenia, Baikhash Lake region; Crimea; Kerch Peninsula; Mingechaur, Rumania; Ukraine)

"Paleolithic locations of the U. S. S. R." by N. A. Beregovaia. Reviewed by A. A. Formozov. Sov. arkheol. 6 no. 3 315-318 '62.

STONE FRUIT

Development of ovules in some stone fruit species. L. N. Konstantinova. Sbor. trud. asp. i mol. nauch. sotr. VIR no. 1:254-259 '60.

STONE IMPLEMENTS see subdivision under Europe

STONECUTTING

Method of raising the operating indices of stonecutting machinery. M. Liandres. Bud. mat. i konstr. 4 no. 2, 55-56 Mr-Ap '62.

Production of large blocks of natural stone. V. Brianov. Mekh. stroi. 19 no. 9:18 S '62.

STONY TUNGUSKA VALLEY see Podkamennaya Tunguska Valley

STOPING (MINING)

(see also subdivision under Donets Basin)

Sublevel stoping. V. V. Nesterenko and others. Met. i gornorud. prom. no. 4:52-55 Jl-Ag '62.

STORAGE BATTERIES

An electronic safety device for charging small storage batteries. V. Shevchenko. Radio no. 9:21 S '62.

STOVES, ELECTRIC

The pattern of a tubular electric heater is of great importance. D Fatykhov. Obshchestv. pit no. 6 57-59 Je '62.

Using electric ranges in homes. I. Bukshpun, N. Kolomiets. Zhil. stroi. no. 7:27-29 '62.

STOVES, GAS

Improve the microclimate of apartments. E. Arievich, K. Pravoverov, L. Tolstykh. Zhil. stroi. no. 7:13 '62.

STRAIN GAUGES

Electronic indicator for a strain gauge. V. T. Derevianchenko. Izv. vys. ucheb. zav.; prib. 5 no. 4:28-30 '62.

Heavy-duty linear induction converters for strain gauges. N. M. Arakel'iants. Priborostroenie no. 8:16-17 Ag '62.

Methods for fastening ends of freely stretched strain-gauge wires. A. I. Drabkin. Priborostroenie no. 8:20-22 Ag '62.

Statodynamic strain-measuring equipment. B. A. Glagovskii. Izv. vys. ucheb. zav.; prib. 5 no. 5:25-32 '62.

Temperature errors of electric strain gauges. B. N. Grachev. Priborostroenie no. 8 7 Ag '62.

Unified series of strain gauges for the automation of construction and road machinery. P. N. Akol'zin and others. Priborostroenie no. 8:11-12 Ag '62.

Variations of readings of dynamometric pickups with wire converters. IU. M. Bazzhin. Priborostroenie no. 8:3-4 Ag '62.

STRAIN GAUGES—TESTING

Methods for testing dynamometric elements and strain gauges. B. R. Loitsker, A. P. Mironov. Priborostroenie no. 8 8-9 Ag '62

STRAINS AND STRESSES

Causes of the rupture of die-stamped metal during bending and flanging. A. V. Nakaznoi. Kuz.-shtam. proizv. 4 no 9:20-21 S '62.

Character of the distribution of residual stresses in all-rolled railroad wheels. I. G. Uzlov, E. V. Prikhod'ko. Trudy Inst. chern. met. AN URSR 18,30-31 '62.

Comments on I. O Prusov's article "Stressed state in a nonuniform plane with slits along the circular separation line" in "Prykladna mekhanika" volume 7, no 6, 1961. I. O. Prusov. Prykl. mekh. 8 no. 5. 565-566 '62

Determining actual stresses and the sag of tugboat ropes during towing. V. M. Beklemishev. Biul. Upr. Glav. rev. po bezop. mor. plav. no. 13:49-52 '59.

Effect of residual stresses on the local stability of compressed components of spans. L. P. Shelestenko. Trudy TSNIIS no. 46:55-71 '62.

Instructions on studying the seismic action of blasts on structures. F A. Kirillov, S. V. Medvedev, V. M. Shamin. Trudy Inst. fiz. Zem. no. 21. Vop. inzh. seism. no 6 118-122 '62.

Interferometer for studying stress fields in transparent models. V. A. Moskalev, G. L. Khesin, I. M. Naglbina. Izv. vys. ucheb. zav.; prib. 5 no. 4:80-84 '62.

Investigating the stress condition in rolling high ingots. P I Polukhin, V K Vorontsov. Izv. vys. ucheb zav., chern met 5 no 8 79-86 '62

Investigation of compression strains. N. M. Savel'ev. Ogneupory 27 no. 8:355-362 '62.

Methods of determining residual stresses in all-rolled railroad wheels. I. G. Uzlov, E. V. Prikhod'ko. Trudy Inst. chern. met. AN URSR 18:22-29 '62.

Proof of some theorems in the flow theory for hardening solids [with summary in English]. R. A. Vasin. Vest. Mosk. un. Ser. 1. Mat., mekh. 17 no. 5 60-64 S-O '62.

Stresses in a prestressed composite ring reinforcing a circular opening Zh. S. Erzhanov, Sh. M Altaliev Izv AN Kazakh. SSR. Ser. mat i mekh. no 10 46-50 '62

Study of the relationship between the rate of applying a load and friction to the ends and a change in the volume of the index of hardness of rock specimens in uniaxial compression. M. F. Kuntysh. Nauch. soob. IGD 12 119-129 '61.

Thermomechanical stresses at points at which glass, ceramics, metals, and other materials join. N. V. Solomin. Stek. i ker. 18 no. 8,11-15 Ag '62.

Unit for studying strains caused by a blow. A. I. Fedulov, V. V. Kamenskii, B. N. Serpeninov. Trudy Inst. gor. dela Sib. otd. AN SSSR no. 6:79-89 '61.

Zhukova, V. N., and P. D. Khinskii. [Relaxation resistance of pearlitic structural steel for fasteners, practices of the Kirov Plant in Leningrad] Relaksatsionnaia stoikost' konstruktsionykh stalei perlitnogo klassa dlia krepezhnykh detalei; opyt Leningradskogo Kirovskogo zavoda. Leningrad, 1962. 20 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia Metallovedenie i termicheskaia obrabotka, no. 3)

STRAINS AND STRESSES—MEASUREMENT

New weight-measuring transducers. V. A. Blizniuk. Gor. zhur. no. 9:52-54 S '62.

STRATOSPHERE see Atmosphere, Upper

STRAVINSKII, IGOR FEDOROVICH, 1882-

Evening of Stravinskii's ballets. A. Vladimirskaia. Teatr 23 no. 9:122-124 S '62.

STRAW

Adhesion of fine-stemmed materials in briquetting [with summaries in English, German, and French]. V. I. Osobov. Vest. sel'khoz. nauki 7 no. 8:92-94 Ag '62.

High yield straw pulp. V. E. Slobodianiuk, M. M. Kozlova. Bum. prom. 37 no. 9:24-25 S '62.

STREAM MEASUREMENTS

Reserves of water in rivers and flow predictions. L. M. Margolin. Meteor. i gidrol. no. 10:36-39 O '62.

STREET LIGHTING—STANDARDS

Norms on street lighting. IA. B. Zil'berblat, M. A. Ostrovskii. Svetotekhnika 8 no. 10:1-8 O '62.

Proposed norms and regulations for the lighting of streets, roads, trains, and platforms. IA. B Zil'berblat, M. A. Ostrovskii. Svetotekhnika 8 no. 10:8-11 O '62.

STREETCARS

Ostrovskii, A. [Motorbus, trolley bus, street car, taxicab] Avtobus, trolleibus, tramvai, taksi. [Moskva] Mosk. rabochii, 1962. 90 p.

STREETS

Streets and paths in housing areas. V. S. Antoshchenkov. Stroi. i arkhit. Len. 24 no. 2:28-32 F '62.

STRENGTH OF MATERIALS

(see also subdivision under Ukraine)

Behavior of steels under intermittent load beyond the creep strength. T. Sh. Chernis. Izv. AN Kazakh SSR. Ser. mat. i mekh. no. 10:98-105 '62

STRENGTH OF MATERIALS (Continued)

Design for strength of perforated plates stretched in their plane L S. Zhielina Nauch trudy MTILP no 23 248-267 '61.

Effect of a surface-active medium on the surface energy of a brittle body. V.V. Pannenik, S.E. Kovchik. Dokl. AN SSSR 146 no.1:82-85 S '62.

Glushkov, G.S [Engineering methods for strength and rigidity analysis, with the use of moments of high orders] Inzhenernye metody raschetov na prochnost' i zhestkost', s primeneniem momentov vysokikh poriadkov. Izd.2 , perer. i dop. Moskva, Mashgiz, 1962. 354 p.

Kuprianov, D.F., and G.F. Metal'nikov. [Fundamentals of technical mechanics] Osnovy tekhnicheskoi mekhaniki Leningrad, Izd-vo "Rechnoi transport," 1962. 387 p.

Methodology of use and modernization of hydraulic testing machines with pulsators for cyclic tests beyond the creep strength T Sh Chernia Izv AN Kazakh. SSR Ser mat. i mekh no 10 93-97 '62.

Nikolaev, G.A. [Welded structures] Svarnye konstruktsii. Izd. 3., perer. Moskva, Mashgiz, 1962. 552 p.

Panarin, N.IA., and I I Tarasenko [Strength of materials] Soprotivlenie materialov Leningrad, Gosstroiizdat, 1962 528 p.

Static and fatigue strength of reinforced concrete beams. V.V. Pinadshian, G.M. Kanetsian, R.S. Avetisian. Izv. AN Arm.SSR, Ser. tekh. nauk 15 no.4:35-42 '62.

Strength characteristics of copper and silver vacuum condensates. L.S. Palatnik, A.I. Il'inskii. Dokl. AN SSSR 146 no.1 79-81 S '62.

Study of the problem "Scientific principles of the strength of materials." A.I. Kudun. Prykl. mekh 8 no 4:453-458 '62.

Tatur, G.K. [Course in the strength of materials] Kurs soprotivleniia materialov. Minsk, Izd-vo M-va vysshego, srednego spetsial'nogo i professional'nogo obrazovaniia BSSR.
Pt. 1. 1962. 230 p.

Trends in the development of the theory of the strength of materials. S.V. Serensen. Prykl mekh 8 no 4, 349-351 '62.

STRENGTH OF MATERIALS—TESTING

Experimental testing of theoretical methods of stress analysis. L.A. Kolesnikov. Izv. vys. ucheb. zav., av. tekh. 5 no.3:97-97 '62.

STREPTOCOCCAL INFECTIONS

Clinical bacteriological evaluation of the effectiveness of erythromycin in chronic diffuse strepto-staphyloderma. A.S. Shtein, S.I. Dovzhanskii. Vest. derm i ven no.8: 35-39 '62.

STREPTOCOCCUS

Standard for streptococcal antihyaluronidase. I.D. Loran, O.P. Galach'iants. Lab. delo 8 no.8:47-49 Ag '62.

STREPTOMYCES

Basic principles of grouping actinomycetes producing antibiotics [with summary in English]. N.A. Krasil'nikov. Izv. AN SSSR, Ser. biol. 27 no.4:576-591 Jl-Ag '62.

STREPTOMYCIN

Automatic methods of controlling the ash content and activity of solutions in the production of streptomycin S.V. Trachuk, S.T. Chekaida Med prom 16 no 7 39-45 Jl '62.

Morphological characteristics of the course and healing of infected bone fractures in radiation sickness in animals treated with streptomycin. A.N. Antipina. Trudy Len. gos. nauch.-issl. inst. travm. i ortop. no.8: 197-201 '61.

STRESS (PHYSIOLOGY)

Characteristics of the adaptation of sportsmen to emotional influences and physical stress. N.V. Zimkin. Probl. psikhol. sporta no.2:134-142 '62.

STRIKES AND LOCKOUTS
(see also subdivision under Bulgaria; Spain)

The class struggle in capitalist countries; facts and figures. Komm. Mold. 7 no.9:55-58 S '62.

The class struggle of the proletariat. V. Sisnev. Agitator no.20:27-28 O '62.

Recent strikes in capitalist countries. A. Lisetskii. Komm. Mold. 7 no.9:45-55 S '62.

STRIKES AND LOCKOUTS—METALWORKERS see subdivision under Italy

STRIKES AND LOCKOUTS—PETROLEUM INDUSTRY see subdivision under Venezuela

STRIKES AND LOCKOUTS—RAILROADS see subdivision under Great Britain

STRIP CROPPING see subdivision under Moldavia

STRIP MINING
(see also subdivision under Buurdu region, Kazakhstan; Kursk Magnetic Anomaly)

Developing and perfecting mining operations in "Magnezit" plant mines. A.P. Permiakov. Ogneupory 27 no.8: 372-376 '62.

Technical and economic estimation of the possibility of using artificial means of supporting rocks. V.F Baliaev and others. Gor. zhur. no.9:26-27 S '62.

STRIP MINING—COLD WEATHER OPERATIONS see subdivision under Krasnoyarsk Territory,

STRIP MINING—COSTS

Analysis of the conditions for feasibly increasing the finished fraction size in open pits. G.S. Cherepanov Vzryv. delo no.50/7:121-131 '62.

STROGANOV, NIKOLAI ALEKSEEVICH, 1842-

Nikolai Alekseevich Stroganov, his prosaectorial, scientific, educational, and public activities, on the 120th anniversary of his birth. A.F. Fiks. Arkh. pat. no 7: 71-74 '62.

STROMATOPOROIDEA see subdivision under Siberia

STRONTIUM CHLORIDE

Measuring the diffusion coefficient in strontium chloride solutions by means of tagged atoms [with summary in English]. M.S. Zakhar'evskii, Li Sun-gi [Li Sung-gi] Vest. LGU 17 no.16:131-134 '62.

STROPHANTHIN

Use of strophanthin in the compound treatment of cardiovascular disorders in toxic diphtheria. N.P. Kudriavtseva, V.I. Kachurets, S Kh. Nasybullina. Kaz. med. zhur. no.3,42-43 My-Je '62

STRUCTURAL FRAMES

Calculations for the stability of frame systems. L.S. Linkhovich. Izv. vys. uch. zav.; stroi. i arkhit. 5 no.4:31-43 '62.

STUDENT ACTIVITIES

After school. Mol. komm. no.8:80-81 Je '62.

Briukhovetskii, F.F. ["For the Honor of Our School" festival; work experience] Prazdnik "Za chest' shkoly"; iz opyta raboty. Moskva, Uchpedgiz, 1962. 34 p.

Develop the public activity of school children. S. Khoze. Mol. komm. no.6:74-78 Je '62.

Groups with longer hours V A. Mikulo, R.D. Grevtsova Nach. shkola 30 no 8 55-57 Ag '62.

System of work. P. Sinitsyn. Nar. obr. no.10:28-31 O '62.

Treasure chest of pedagogical experience. Nar obr. no.8 103 Ag '62.

STUDENTS' SOCIETIES—CONGRESSES

Peace, freedom, and progress, declares the Seventh Congress of the International Student Union. Iri Pelikan and others. Vest. vys. shkoly 20 no.9:9-13 S '62.

STUDY, METHOD OF

Brief notes on books A. F. Golubitskii Vest vys. shkoly 20 no.8 95-96 Ag '62.

From the passive to active methods of study Vest vys. shkoly 20 no 8.20-30 Ag '62

STUGNA VALLEY—GEOMORPHOLOGY

Geomorphological structure of the Stugna Valley. IU.I. Hrubrin. Geog. zhir. no.6:12-18 '62.

STUPINO—MOUTH—DISEASES

Study of the incidence among a city population of diseases of the teeth and oral cavity. G.A. Novgorodtsev. Stomatologiia 41 no.4:3-7 Jl-Ag '62.

STUPINO—TEETH—DISEASES

Study of the incidence among a city population of diseases of the teeth and oral cavity. G.A. Novgorodtsev. Stomatologiia 41 no.4 3-7 Jl-Ag '62.

STYLE IN DRESS see Fashion

STYRENE

Preparation of immunosorbents on the basis of an emulsion nonisotactic polystyrol. A.M. Olovnikov. Lab. delo 8 no.8,31-34 Ag '62.

Reactions of nitroolefins with aromatic compounds in the presence of acid catalyst. Part 1. Condensation of β-nitrostyrene with benzene in the presence of aluminum chloride A.D. Grebeniuk, M. Kholmatov, I.P. TSukervanik. Zhur. ob. khim. 32 no.8,2654-2657 Ag '62.

Synthesis of trisubstituted phenylethylamines by the catalyzed reduction of ω-nitrostyrenes. K.M. Diumaev, L.S. Bolostotskaia. Zhur. ob. khim. 32 no.8:2661-2663 Ag '62.

SUBCONCIOUSNESS

Nature of the "unconscious." F.V. Bassin. Priroda 51 no.9:49-56 S '62.

SUBLIMATION (PHYSICAL SCIENCES)

Relation between sublimation and hardness. V.I. Rykov, T.I. Antonenko. Izv. vys. uch. zav.; fiz. no.4:178 '62.

SUBMARINE BOATS

Gerasimov, V.N. and V.F. Drobtenkov. [Submarine boats of imperialist countries] Podvodnye lodki imperialisticheskikh gosudarstv. Izd. 2., dop. Moskva, Voenizdat, 1962. 301 p. (Ofitseru VMF)

SUBVERSIVE ACTIVITIES see subdivision under United States

SUBWAYS see subdivision under Moscow

SUCCINIC ACID

Derivatives of 1,2-diphenyl-1,1,2,2,-tetrafluoroethane. Part 1 Synthesis of 1,2-diphenyl-1,1,2,2,-tetrafluoroethane-4,4'-dicarboxylic acid L.M IAgupol'skii, B.F. Malichenko Zhur. ob. khim 32 no.9:3035-3039 S '62.

SUCCINIC DEHYDROGENASE

Effect of overheating on the succinic dehydrogenase activity in the cardiac muscle of white rats. E.I. Perel'man. Izv AN Turk. SSR. Ser. biol. nauk no. 62-65 '62.

SUCHOW, CHINA—PARKS

A city of gardens, silk and embroidery [with English summary in insert]. I.Loboda. Az. i Afr. seg. no.9 46-48 S '62.

SUFFOCATION see Asphyxia

SUDAN GRASS

Agroclimatic zoning of the U.S.S.R. according to the Sudan grass (Sorghum sudanense) yield A.T Nikiforova Trudy NIIAK no 15,52-65 '62

SUGAR BEET BREEDING

Linear-heterosis method in sugar beet breeding [with summaries in English, German, and French]. T.T. Gichko, V.G. Peretiatko. Vest. sel'khoz. nauki 7 no.8:43-49 Ag '62.

SUGAR BEETS

Development and germination of sugar beet seeds [with summaries in English, German, and French]. N.E. Zolkovskaia. Vest. sel'khoz. nauki 7 no.8 50-53 Ag '62.

Trends in the development of sugar beet harvesting combines. V.A. Korenkov. Trakt. i sel'khozmash 32 no.10:27-32 O '62.

Zest in work. N.S. Arkhangel'skii. IUn. nat. no.8:20 Ag '62.

SUGAR BEETS—FERTILIZERS AND MANURES see subdivision under Ukraine, Ukraine, Western;

SUGAR BEETS—HARVESTING

Operation of a beet harvesting combine with the topping knives adjusted for lower topping. P.P. Ciuberti. Vest sel'khoz. nauki [Kazakh.] 5 no.7:98-101 Jl '62

SUGAR BEETS—STORAGE

Storehouses for sugar beets. N. Borodiansk'yi, Sil'. bud 12 no.8:14 Ag '62.

SUGAR INDUSTRY—HYGIENIC ASPECTS

Problem of "relatively clean" sewage of sugar mills. L.I. Ponomarenko and others. Gig. i san. 26 no.12: 66-69 D '61.

SUGAR MANUFACTURE see subdivision under Ukraine

SUGAR MANUFACTURE—EQUIPMENT SUPPLIES

New KMS-61 system for sugar beet washing. G.O. Kuntsevich. Khar. prom. no.2:18-21 Ap-Je '62.

SUGARS

Effect of various sugars ingested in milk treated with ion-exchange resins on the intestinal microflora of infants [with summary in English]. E.I. Kushkareva, V.T. Borovko. Vop. okh. mat. i det. 7 no.8:41-46 Ag '62.

Glycopeptides. Part 3: Synthesis of N-aminoacyl derivatives of amino sugars N.K. Kochetkov, V.A Derevitskaia, N.V. Molodtsov. Zhur ob. khim. 32 no.8: 2600-2605 Ag '62.

SUGGESTION SYSTEMS

Baranov, I.I., G.S. Lapshin, and V.I. Mishchenko. [How to organize work with efficiency promoters in an enterprise] Kak organizovat' rabotu s ratsionalizatorami na predprivatii. [Moskva] Profizdat, 1962. 87 p.

Put the creativeness of the masses in the service of the seven-year plan. V. Shlumov. Sov. profsoiuzy 18 no.19:16-18 O '62

SUKHANA DEPRESSION REGION—GEOLOGY, STRUCTURAL

Structure of the crystalline basement of the Siberian Platform in the region of the Sukhana Depression. E.N. Erlikh. Trudy NIIGA 121:75-82 '62.

SUKHAREVA, GRUNIA EFIMOVA, 1891-

Grunia Efimovna Sukhareva; on her 70th birthday. Zhur. nevr. i psikh. 62 no.7:1116-1117 '62.

SUKHUMI REGION—GEOLOGY, STRUCTURAL

Karst and recent tectonics of the historic period in the surroundings of Sukhumi, theses. L.N. Solov'ev. Nov. kar. i spel. no.2:60-62 '61.

SUKHUMI REGION—JAVA TEA

Effect of the length of day on the growth and development of Java tea. K Kh Vardania. Agrobiologiia no 4: 628-630 Jl-Ag '62

SUKHUMI REGION—KARST

Karst and recent tectonics of the historic period in the surroundings of Sukhumi, theses. L.N. Solov'ev. Nov. kar. i spel. no.2:60-62 '61.

SUKHUMI REGION—ORANGE

Vegetative hybrid of the narrow-leaved Washington navel orange with P. trifoliata. F.D. Mamporiia. Agrobiologiia no.4:535-546 Jl-Ag '62.

SULA VALLEY—MOUNDS

Burial mounds of the Scythian period in the Sula and Donets forested steppe regions. V.A. Illinskaia. Arkheologiia 14:52-75 '62.

SULFANILAMIDES

Modification of the methods for determining the acetylation capacity of the body. M. M. Altmova, N. F. Tolkachevskaia. Lab. delo 8 no. 8 6-10 Ag '62.

SULFATHIAZOLE—TOXICOLOGY

Case of toxic renal lesions due to sulfathiazole L. S. Teodosiev, I. I. Kasnakov. Klin. med. 40 no. 6:138-139 Je '62.

SULFIDES

Formation of iron and copper sulfides in hydrothermal conditions. V. I. Sotokin. Vest. Mosk. un. Ser. 4:Geol. 17 no. 4:50-54 Jl-Ag '62.

Supergene zoning in sulfide-uranium deposits and the cause of their origin. A. A. Chernikov. Trudy IGEM no. 70:162-181 '62.

SULFIDES—METALLURGY

Chizhikov, D. M., and others. [Hydro- and electrometallurgy of sulfide alloys and mattes] Gidroelektrometallurgiia sul'fidnykh splavov i shteinov. Moskva, Izd-vo Akad. nauk SSSR, 1962. 204 p.

SULFITE LIQUOR

Efficient utilization of sulfite liquors is the way for reducing the pollution of reservoirs. V. N. Shilanin. Bum. prom. 37 no. 9:1-3 S '62.

SULFONES

Synthesis and properties of 2-mercaptobenzothiazole derivatives. Part 1. Some S-substituted 2-mercaptobenzothiazoles and their sulfones. E. A. Kuznetsova and others. Zhur. ob. khim. 32 no. 9 3007-3011 S '62.

SULFONIC ACIDS

Alkyl aryl sulfonates from normal olefinic hydrocarbons of shale oil. S. I. Faingol'd, R. M. Tomson. Khim. i tekh. topl. i masel 7 no. 7:25-30 Jl '62.

Phenyl esters of arenimino sulfonic acids. E. S. Levchenko, E. S. Kozlov, A. V. Kirsanov. Zhur. ob. khim. 32 no. 8:2585-2592 Ag '62.

SULFUR

(see also subdivision under Uzbekistan)

Karst of sulfur deposits, theses. D. I. Pereum'ko. Nov. kar. i spel. no. 2 63-64 '61.

Scattering of low-energy protons on S^{32} [with summary in English]. H. Hulubei and others. Zhur. eksp. i teor. fiz. 42 no. 6:1433-1437 Je '62.

SULFUR—ISOTOPES

Effect of benzoic acid, phthalic and maleic anhydrides on the isotope exchange of sulfur atoms. G. A. Blokh and others. Zhur. ob. khim. 32 no. 9 2600-2603 S '62.

SULFUR BACTERIA see Bacteria, Sulfur

SULFUR COMPOUNDS

Alkaline oxidation of isopropylbenzene. Part 5. Effect of sulfur compound impurities. V. A. Simanov, M. S. Nemtsov. Zhur. ob. khim. 32 no. 9 2925-2929 S '62.

SULFUR DIOXIDE

Mass transfer coefficients in the absorption of SO_2 from gases with lime suspensions. B. A. Chertkov. Khim. prom. no. 7:533-536 Jl '62.

SULFURIC ACID

Effect of sulfuric acid on the flotation of beryl with sodium oleate. K. A. Rozumov, Sin Vei-chzhun [Hsing Wei-chung]. Izv. vys. uch. zav., gor. zhur. 5 no. 6: 178-181 '62.

The kinetics of anode dissolving of copper-aluminum, copper-tin, copper-manganese, and copper-nickel alloys in solutions of sulfuric acid. S. S. Gastev. Nauch. trudy MPI no. 14:64-78 '61.

Production of sulfuric acid by a contact-liquid process. N. K. Nadirov. Khim. v shkole 17 no. 5:76-77 S-O '62.

Vol'fkovich, S. I. [Scientific research work on the technology of phosphorus fertilizers and sulfuric acid carried out from 1956-1961 and immediate tasks of research; report to the All-Union Branch Conference of Workers in the Sulfuric Acid and Phosphorus Fertilizer Industries] Nauchno-issledovatel'skie raboty po tekhnologii fosfornykh udobrenii i sernoi kisloty, provedennye v 1956-1961 gg., i ocherednye zadachi issledovanii; doklad na Vsesoiuznom otraslevom soveshchanii rabotnikov promyshlennosti sernoi kisloty i fosfornykh udobrenii 23 avgusta 1961 g. v Rige. Moskva, [Laboratoriia nauchno-tekhn. informatsii] 1961. 23 p.

SUMGAIT—LANDSCAPE GARDENING

Soil conditions and land improvement of industrial premises and problems of landscaping in Sumgait [in Azerbaijani with summary in Russian]. E. F. Sharifov, E. F. Tagiev. Izv. AN Azerb. SSR, Ser. biol. i med. nauk no. 5:59-67 '62.

SUMMER

(see also subdivision under White Russia)

Summer in full swing. A. G. Chikitev. Priroda 51 no. 7:125-126 Jl '62.

SUMY PROVINCE—ATHEISM

Effective work of the groups of propagandists. P. Kozyriev. Voiov. ateist no. 12:32-33 D '61.

SUMY PROVINCE—TRICHINA AND TRICHINOSIS

Epidemiology and epizootology of trichinosis in Chernigov and Sumy Provinces. P. E. Savchenko. Med. parazit. i parazit. bol. no. 3 311-313 '62.

SUN—PROMINENCES

Comparative photometric study of the H_α, H_β, and H_γ lines in the spectra of solar prominences [with summary in English]. O. A. Mel'nikov, S. S. Zhuravlev. Uch. zap. LGU no. 307:111-124 '62.

Determining the intensity of the magnetic field in prominences on the basis of investigation of their internal movements. G. M. Idlis and others. Izv. Astrofiz. inst. AN Kazakh. SSR 2 71-96 '56.

A possible mechanism of the ejection of matter from the sun. V. S. Komel'kov. Dokl. AN SSSR 146 no. 1:58-61 S '62.

SUN—ROTATION

Speed of the rotation of the sun. I. A. Aslanov. Priroda 51 no. 7:103-106 Jl '62.

SUNFLOWER SEED

Methods for improving the productive qualities of sunflower seeds. P. G. Senukhanenko, V. P. Kamennobrodskaia. Agrobiologiia no. 4 525-541 Jl-Ag '62.

SUNFLOWERS

(see also subdivision under Ukraine)

Catalase activity in albino sunflower plants. I. I. Liashchenko. Bot. zhur. 47 no. 7:1032-1035 Jl '62.

SUNFLOWERS—HARVESTING see subdivision under Russia, Southern

SUNG CH'ING-LING, 1890-

Sung Ch'ing-ling. Mir. ekon. i mezhdunar. otn. no. 10: 127-128 O '62.

SUNSPOTS

Evaluating the dispersion and influence of boundary zones and comparing the methods for establishing weighting factors for observations in plotting velocity fields of the motion of noncecurring sunspots by latitudes. M. A. Klinkotko. Soob. GAISH no. 120, 25-41 '62.

SUPERCONDUCTIVITY

Absorption of ultrasonic waves in superconductors. V. P. Silin, G. L. Kotkin. Fiz. met. i metalloved. 14 no. 3:456-457 S '62.

Chentsov, R. A. [Action of thermal effects on the response speed of the superconducting elements of a computer] Vliianie teplovykh effektov na bystrodeistvie sverkhprovodiashchikh elementov vychislitel'noi mashiny. Moskva, ITM i VT AN SSSR, 1961. 45 p. (Elektronnye vychislitel'nye mashiny) [With summary in English]

Collective excitations in pairing in the case of nonzero angular momentum [with summary in English]. V. G. Vaks, V. M. Galitskii, A. I. Larkin. Zhur. eksp. i teor. fiz. 42 no. 5:1310-1325 My '62.

Magnetic moment of superconducting tin films [with summary in English]. B. K. Sevast'ianov, V. A. Sokolina. Zhur. eksp. i teor. fiz. 42 no. 5:1212-1218 My '62.

Magnetic moment of thin superconducting films [with summary in English]. G. F. Zharkov. Zhur. eksp. i teor. fiz. 42 no. 5:1307-1309 My '62.

Measurement of the surface tension between superconducting and normal phases [with summary in English]. G. F. Batrakov, O. R. Mis'kevich, E. Troinar. Zhur. eksp. i teor. fiz. 42 no. 5:1171-1172 My '62.

Thermodynamics of anisotropic superconductors [with summary in English]. V. L. Pokrovskii, M. S. Ryvkin. Zhur. eksp. i teor. fiz. 43 no. 1, 92-104 Jl '62.

SUPERFLUIDITY

Dipole excitations of nuclei in the superfluid model [with summary in English]. V. V. Baiashov, V. B. Belitov, B. N. Zakhar'ev. Zhur. eksp. i teor. fiz. 42 no. 5: 1365-1370 My '62.

SUPERSONIC AERODYNAMICS see Aerodynamics, Supersonic

SUPERSONIC NOZZLES

Kutskova, O. N., and IU. D. Shmyglevskii. [Tables of the parameters on axially symmetric supersonic flow of a freely expanding gas with a plane transition surface] Tablitsy parametrov osesimmetrichnogo sverkhzvukovogo techeniia svobodno rasshiriaiushchegosia gaza s ploskoi perekhodnoi poverkhnost'iu. Moskva, Izd-vo Akad. nauk SSSR, 1962. 383 p.

SUPERSTITION

Facts reveal. Nauka i rel. no. 9:34 S '62.

Marinka, A. Romanov. Nauka i rel. no. 9:30-33 S '62.

SUPPORT (DOMESTIC RELATIONS)

Eltsekin, P. F. [Judicial procedure in the establishment of dependency and support] Sudebnoe ustanovlenie faktov izhdivenila. Moskva, Gosiurizdat, 1961. 55 p.

SURFACE-ACTIVE AGENTS

Determining the mean molecular weight of alkylaryl sulfonates, alkyl sulfonates and alkyl sulfates. V. M. Desnitskii. Masl.-zhir. prom. 28 no. 9:31-32 S '62.

Effect of surface-active medium on the surface energy of a brittle body. V. V. Panasiuk, S. E. Kovchik. Dokl. AN SSSR 146 no. 1:82-85 S '62.

Motion of drops in liquids under the effect of surface active agents. V. G. Levich, A. M. Kuznetsov. Dokl. AN SSSR 146 no. 1:145-147 S '62.

Rebinder, P. A., ed. [Physicochemical bases for using surfactants in developing oil formations] Fiziko-khimicheskie osnovy primeneniia poverkhnostno-aktivnykh veshchestv pri razrabotke neftianykh plastov. [By] G. A. Babalian i dr. Moskva, Gostoptekhizdat, 1962. 282 p.

Selection of the optimum concentration of surface-active agents when using them in tapping and completing oil layers. B. D. Panov, V. F. Silkin. Trudy KI VNII no. 9 64-67 '62.

Using surface active agents in tapping pays. I. E. Kotel'nikov. Neft. khoz. 10 no. 5:61-66 My '62.

SURFACE TENSION

Effect of sodium oxide on the tension of a silicate melt at the boundary between gas and metal. S. I. Popel', A. A. Deriabin, G. F. Konovalov. Izv. vys. ucheb. zav., chern. met. 5 no. 8 5-8 '62.

Experimental determination of the surface tension of molten neodymium. V. B. Lazarev, A. V. Pershikov. Dokl. AN SSSR 146 no. 1:143-144 S '62.

Interface tension of welding fluxes and its effect on the adhesion of the slag scale. S. B. IAkobashvili. Avtom. svar. 15 no. 9 37-39 S '62.

Measurement of the surface tension between superconducting and normal phases [with summary in English]. G. F. Batrakov, O. R. Mis'kevich, E. Troinar. Zhur. eksp. i teor. fiz. 42 no. 5:1171-1172 My '62.

Temperature dependence of the surface tension of metals. S. N. Zadumkin. Fiz. met. i metalloved. 14 no. 3 457-458 S '62.

SURFACES

Theory of surfaces in generalized Euclidian space. S. M. Bakhrakh. Uch. zap. IAr. gos. ped. inst. no. 34 7-16 '60.

Voss' normals of a surface carrying a net of conjugate lines. M. A. Akivis. Mat. sbor. 58 no. 2 605-708 O '62.

SURFACES (TECHNOLOGY)—TESTING

D'iachenko, P. E., V. E. Vainshtein, and Z. P. Groziinskaia. [Methods for checking and standardizing the undulations of surfaces] Metody kontrolia i standartizatsila volnistosti poverkhnosti. Moskva, Standartgiz, 1962. 94 p.

SURFACES, MINIMAL

A certain class of minimal surfaces of a four-dimensional space. A. P. Nordun. Izv. vys. uchob. zav., mat. no. 1, 91-97 '62.

SURGERY

(see also subdivision under Daghestan)

Kolomyichenko, M. I. [Live on, man; stories about surgery and surgeons] Zhyvy, liudyno; rozpovidi pro khirurgiiu ta khirurgiv. Kyiv, Vyd-vo "Molod'," 1962. 167 p.

(DNLM)

New methods of X-ray diagnosis in surgery. A. P. Rubasheva. Klin. khir. no. 7, 3-9 Jl '62.

"Textbook for a practical course in general surgery" by S. A. Kats and others. Reviewed by A. P. Urikhin. Klin. khir. no. 7:82-83 Jl '62.

SURGERY—CONGRESSES

Resolutions of the Second All-Union Conference of Surgeons, Traumatologists and Anesthesiologists. G. P. Zaitsev. Klin. khir. no. 7:87-91 Jl '62.

SURGICAL INSTRUMENTS AND APPARATUS

Simplified method for preparing cotton cigarette-shaped tampons for drying the eye during surgery. V. V. Zenkova. Med. sestra 21 no. 8:48-49 S '62.

Use of abdominal pressure cushion during cautery of adhesions. I. Z. Sigal. Klin. med. no. 12, 44-50 '61.

SURGICAL INSTRUMENTS AND APPARATUS—BIBLIOGRAPHY see Bibliography—Surgical instruments and apparatus

SURGICAL NURSING

Group of communist labor. V. P. Zubrilov. Med. sestra 21 no. 8:59-60 Ag '62.

SURGICAL SOCIETIES see subdivision under Kiev Province

SURKHAN-DARYA RIVER—DAMS

Use of earth-fill to build a dam out of gravelly and sandy soil. V. P. Mentiukov. Transp. stroi. 12 no. 8:21-27 Ag '62.

SURVEYING

A characteristic property of random errors in measurements of unequal accuracy. IU. V. Kemnits. Izv. vys. ucheb. zav.; geod. i aerof. no. 2:33-36 '62.

Differential methods for calculating the components of horizontal shifts of points on the earth's surface. P. P. Kazanchian. Izv. vys. ucheb. zav.; geod. i aerof. no. 2: 25-32 '62.

Precalculating the accuracy of an auxiliary point in laying out engineering projects. V. K. Pankrushin. Izv. vys. ucheb. zav.; geod. i aerof. no. 2:67-76 '62.

Sirotkin, M. P. [Handbook on geodesy for builders] Spravochnik po geodezii dlia stroitelei. Moskva, Geodezizdat, 1962. 270 p.

SURVEYING—SAFETY MEASURES

Minaev, G. A., and N. I. Shat'ko. [Safety engineering in topographic and geodetic work] Tekhnika bezopasnosti na topografo-geodezicheskikh rabotakh. Moskva, Geodezizdat, 1962. 226 p.

SUSLIKS AS CARRIERS OF DISEASE see subdivision under Rostov Province

SVERDLOVSK—MACHINERY INDUSTRY

Our plants are waiting for you, young people. G. Knyazev. Komsom. zhizn' no 15:1-5 Ag '62.

SVERDLOVSK—ORTHOPEDIC APPARATUS

Party supervision. N. Syskov. Sots. obesp. 21 no. 7: 49-50 Jl '62.

SVERDLOVSK—THEATER

Traditions are broken and traditions live on. Iu. Rybakov. Teatr. 23 no. 9:95-101 S '62.

SVERDLOVSK—TURBINES—DESIGN AND CONSTRUCTION

Diagram of cycles for the T-100-130 turbine plant. V. IA. Grishfeld, A. M. Knivzev, V. N. Bakhusov. Teploenergetika 9 no. 10:88-91 O '62.

SVERDLOVSK—ULTRAVIOLET RAYS

Hygienic characteristics of natural ultraviolet irradiation in Sverdlovsk. R. G. Vinokhanova. Gig. i san. 26 no. 12:86-87 D '61.

SVERDLOVSK PROVINCE—CONSTRUCTION INDUSTRY—COSTS

Distribution of overhead costs in construction. L. Frigub, I. Iporova. Bukhg. uchet 19 no. 7:41-42 Jl '59.

SVERDLOVSK PROVINCE—MACHINE TOOLS—MAINTENANCE AND REPAIR

Repair specialization and the economy of labor. K. Olkhet. Sots. trud 7 no. 9:67-70 S '62.

SVERDLOVSK PROVINCE—MACHINERY INDUSTRY

Reducing the expenditure of manual labor. I. Rozenberg. Sots. trud 7 no. 9:56-60 S '62.

SVERDLOVSK PROVINCE—MINING ENGINEERING—SAFETY MEASURES

Effect of new technology on industrial injury. A. M. Kortev, K. I. Rasov, S. M. Tavanets. Izv. vys. ucheb. zav., gor. zhur. 5 no. 8:94-99 '62.

SVERDLOVSK PROVINCE—ROAD CONSTRUCTION

Development of road construction in Sverdlovsk Province. M. Zinovanskii. Avt. dor. 25 no. 9:10-12 S '62.

SVERDLOVSK PROVINCE—ROADSIDE IMPROVEMENT

Activity of a road-construction worker. I. Gavrilov. Avt. dor. 25 no. 9:13-14 S '62.

SVERDLOVSK REGION—PINE

Siberian pine in the vicinity of Sverdlovsk. S. A. Zubov, N. A. Lagunskii. Bot. zhur. 47 no. 7:1006-1009 Jl '62.

SVERDLOVSK REGION—TITANIUM

Distribution of titanium in the Pervoural'sk titanium-magnetite deposit. V. G. Pomiavkh. Geokhimiia no. 8 742-743 '62.

SVETLOV, PAVEL GRIGOR'EVICH, 1892-

Pavel Grigor'evich Svetlov; on his 70th birthday. I. N. Zhinkin. TSitologiia 4 no. 1:168-170 Jl-Ag '62.

SWAMPS

(see also subdivision under Finland)

Basic conceptions of the study of swamps and their classification [with summary in English]. A. A. Nitsenko. Bot. zhur. 47 no. 7:915-956 Jl '62.

Romanov, V. V. [Evaporation from swamps in the European part of the U. S. S. R.] Isparenie s bolot Evropeiskoi territorii SSSR. Leningrad, Gidrometeoizdat, 1962. 227 p.

SWEDEN—ARCHITECTURE, DOMESTIC

Swedish peasant dwellings in the 20th century [with summary in English]. M. N. Morozova. Sov. etn. no. 4:87-90 Jl-Ag '62.

SWEDEN—BLASTING

Large-scale blasting (from "The Mining Journal," no. 6594, 1962). I. S. Mailboroda. Met. i gornorud. prom. no. 3:96 My-Je '62.

SWEDEN—BORING MACHINERY

The Swedish HRKh-50 "Pionjär" air drill. Mekh. stroi. 19 no. 9:26 S '62.

SWEDEN—ECONOMIC CONDITIONS

Timashkova, O. K. [Sweden under the rule of the Social Democrats; a study of their postwar economic and social policy] Shvedskaia sotsial-demokratiia u vlasti; ocherk poslevoennoi ekonomicheskoi i sotsial'noi politiki. Moskva, Izd-vo Akad. nauk SSSR, 1962. 141 p.

SWEDEN—IRON—METALLURGY

Industrial production of sponge iron in Sweden (from foreign journals). A. A. Shitov. Met. i gornorud. prom. no. 4:90-91 Jl-Ag '62.

SWEDEN—NEUTRALITY

"Swedish neutrality during the Second World War" [in German] by Torvald Hoejer. Reviewed by S. B. Grabovskii. Vop. ist. no. 9:189-190 S '62.

SWEDEN—NUCLEAR ENGINEERING

Work on nuclear engineering in Sweden. IU. Mitiaev. Atom. energ. 13 no. 4:395-396 O '62.

SWEDEN—TEACHERS, TRAINING OF

Training of Swedish schoolteachers. P. Sokolov. Nar. obr. no. 10:100-104 O '62.

SWIMMING

"Everybody must swim!" by O. Zhukova. Reviewed by V. M. Butrin. Nach. shkola 30 no. 8:86-88 Ag '62.

Exercises for swimming and diving. I. Vagner. Voen. znan. 38 no. 9:33 S '62.

Training of the will in the swimmer. N. A. Butovich. Probl. psikhol. sporta no. 2:306-316 '62.

SWINE—DISEASES AND PESTS

(see also subdivision under Belorechensk District, Rostov Province)

Possible interrelation between porcine and human ascariasis. A. I. Krotov. Med. parazit. i parazit. bol. no. 3:295-299 '62.

Prevention of lucerne glycoside poisoning in swine. A. K. Golosnitskii. Trudy Rost. NIVS no. 12:240-242 '60.

SWINE—FEEDING AND FEEDS

Comparative effectiveness of fattening young swine of the Large White breed to various live weights [with summary in English]. V. S. Iarkova, A. P. Redkin. Izv. TSKHA no. 3:112-117 '62.

Use of tissue biostimulators for fattening swine. I. M. Gladkov. Trudy Rost. NIVS no. 12:210-211 '60.

SWINE—PHYSIOLOGY

Role of the amylolytic activity of pig saliva in the digestive process [with summaries in English, German, and French]. A. I. Arkhipovets. Vest. sel'khoz. nauki 7 no. 8:86-88 Ag '62.

SWINE BREEDING

Some characteristics of metabolism in hybrid and purebred swine [with summary in English]. I. A. Savich, N. S. Akopian. Izv. TSKHA no. 2:87-93 '62.

SWINE HOUSES AND EQUIPMENT

Make proper arrangements for the ventilation of buildings for swine. P. Dziubenko. Sil'. bud. 12 no. 8:16-17 Ag '62.

Manufactured at the site by a concreting combine. V. Kvitko. Sil' bud. 12 no. 8:9-10 Ag '62.

SWITCHING THEORY

Kufukov, I. V., and D. I. Obidin. [Direct coupled networks] Skhemy s neposredstvennymi sviaziami. Moskva, ITM i VT AN SSSR, 1962. 38 p. (Elektronnye vyshislitel'nye mashiny) [With summary in English]

SWITZERLAND—ELECTRICITY, INJURIES FROM

Statistics of electrotraumatism in Switzerland for 1959 and 1960. (from "Bulletin SEV"). IA. E. Vol'fkovich. Prom. energ. 17 no. 10:36-38 O '62.

SWITZERLAND—WHEAT—FERTILIZERS AND MANURES

Experiments in foliar feeding of wheat using a urea solution [translated from the French]. E. Bovay. Zemledelie 24 no. 8:86-89 Ag '62.

SYAVA—WOOD—CHEMISTRY

Creativeness of efficiency promoters. N. D. Kuznetsov. Gidroliz i lesokhim. prom. 15 no. 6:28-29 '62.

SYDNONE

Reactions of sydnones with unsaturated compounds. V. G. Iashunskii, V. F. Vasil'eva, M. N. Shchukina. Zhur. ob. khim. 32 no. 9:3107 S '62.

Sydnones and sydnone imines. Part 13. Interaction of 3-methyl- and 3-ethylsydnones with methyl ester of acrylic acid. V. F. Vasil'eva, V. G. Iashunskii. Zhur. ob. khim. 32 no. 9:2868-2893 S '62.

SYENITE see subdivision under Bayan-Kol Valley; Kamenka Valley (Krasnoyarsk Territory)

SYLLOGISM

Materials on the psychology of deductive reasonings. M. S. Erikalan. Izv. A PN no. 120:131-187 '62.

SYNCHRONOUS MOTORS see Electric motors, Synchronous

SYNCHROTRON

Experimental study of the dimensions of an electron cluster under the special operating conditions of a synchrotron [with summary in English]. O. E. Kulikov, P. B. Shoshin. Zhur. eksp. i teor. fiz. 42 no. 6:1461-1463 Je '62.

Maximum permissible injection currents in a strong-focusing proton synchrotron. I. M. Kapchinskii. Atom. energ. 13 no. 3:235-240 S '62.

The 680 Mev. synchrotron of the Physical Institute of the Academy of Sciences of the U. S. S. R. A. I. Grigoriev and others. Atom. energ. 13 no. 3:228-234 S '62.

SYNTHETIC PRODUCTS

"Economic aspects of the industry of synthetic materials." Reviewed by V. L. Klimenko, E. B. TSyrkin. Khim. prom. no. 8:622-623 Ag '62.

Leizerov, M. S. [Synthetic mica] Sinteticheskaia sliuda. Moskva, Gosenergoizdat, 1962. 191 p. (Polimery v elektroizoliatsionnoi tekhnike, no. 2)

Nauchno-tekhnicheskoe obshchestvo zheleznodorozhnogo transporta. [Use of plastics and synthetic materials in railroad transportation] Primenenie plasticheskikh mass i sinteticheskikh materialov na zheleznodorozhnom transporte; sbornik po obmenu opytom. Moskva, Transzheldorizdat, 1962. 102 p.

SYPHILIS

Characteristics of the appearance and therapy of parenchymatous keratitis in late congenital syphilis [with summary in English]. G. B. Genkina. Vest. derm. i ven. no. 8:57-60 '62.

Characteristics of the course and treatment of primary tabetic atrophy of the optic nerves [with summary in English]. L. I. Betrakhova. Vest. derm. i ven. no. 8:60-65 '62.

Experience of the Novoselitsa District Hospital with the complex examination of children born to mothers with syphilis. V. IA. Budak. Vest. derm. i ven. no. 8:73-75 '62.

SYRIA—HISTORY

Dazli, K. M. [History and political status of Syria and Palestine under Turkish rule] Siriia i Palestina pod Turetskim pravitel'stvom v istoricheskom i politicheskom otnoshenilakh. Moskva, Izd-vo vostochnoi lit-ry, 1962. 325 p.

SYSTEMS (CHEMISTRY)

Characteristics of the evaporation of rare earth chlorides in the systems KCl - $LnCl_3$ (La, Ce, Pr, Nd) [with summary in English]. G. I. Novikov, A. K. Baev. Vest. LGU 17 no. 16:99-97 '62.

Interaction of components in the system $CaCl_2$ - $K_xIg_xSO_4$ - H_2O. I. V. Tananaev, N. K. Boldyshakova. Zhur. neorg. khim. 7 no. 9:2245-2250 S '62.

Interaction of lithium and sodium chlorides and bromides in melts. A. S. Arabadzhan, A. G. Bergman. Zhur. neorg. khim. 7 no. 9:2228-2229 S '62.

Melting diagrams of the ternary systems consisting of calcium, strontium, sodium, and potassium fluorides. G. A. Bukhalova, V. I. Berezhnaia, Z. A. Matveeva. Zhur. neorg. khim. 7 no. 9:2231-2236 S '62.

Stationary electrochemical process in the irradiated system Pt | sulfuric acid solution | Au. G. Z. Gochaliev, TS. I. Zalkind, V. I. Veselovskii. Dokl. AN SSSR 146 no. 1:131-134 S '62.

The water vapor pressure in the systems MeX_2 - HX - H_2O. The systems $CdBr_2$ - HBr - H_2O, CdI_2 - HI - H_2O, $HgBr_2$ - HBr - H_2O, HgI_2 - HI - H_2O [with summary in English]. L. S. Lilich, D. K. Andreeva, A. A. Logunov. Vest. LGU 17 no. 16:101-107 '62.

SYUL'BAN VALLEY—GEOLOGY

Pre-Cambrian crystalline complex of the Syul'ban-Konda interfluve (Olekma-Vitim mountain area). A. M. Leites. Trudy VSGI Ser. geol. no. 5:201-220 '62.

TAENIA

(see also subdivision under Leningrad; Moldavia)

Differential diagnosis of taenilds in dogs and of the helminthioses caused by them using immunological reactions. S. A. Azhinov. Trudy Rost. NIVS no. 12:257-261 '60.

Focal nature of taeniarynchosis. V. P. Podl'apol'skaia. Med. parazit. i parazit. bol. no. 3:279-281 '62.

TAENIA—BIBLIOGRAPHY see Bibliography—Taenia

TAGANROG—MACHINERY INDUSTRY—ACCOUNTING

Analysis work performed by volunteers. G. Maksimenko. Bukhg. uchet 19 no. 7:33-36 Jl '62.

TAGANROG—THEATER

Fate of a theater. V. Bogolubskii. Teatr. 23 no. 8:123-124 Ag '62.

From the editor. Teatr. 23 no. 8:124-126 Ag '62.

TAJIK LITERATURE—HISTORY AND CRITICISM

Radzhabov, Z. Sh. [Russia and Tajik literature of the end of 19th and the beginning of 20th century] Rossiia i tadzhikskaia literatura kontsa XIX - nachala XX vv. Stalinabad, Tadzhikskoe gos. izd-vo, 1959. 54 p. (MIl)

TAJIKISTAN—COTTON—FERTILIZERS AND MANURES

Dushanbe. Universitet. [Papers of the Department of Plant Physiology] Trudy kafedry fiziologii rastenii. Stalinabad, Gos. kom-t vysshego, srednego spetsial'nogo i professional'no-tekhn. obrazovaniia Soveta ministrov Tadzhikskoi SSR, 1961. 94 p. (DNAL)

TAJIKISTAN—CULTURE

The wonder garden of Gulistan [with English summary in insert]. Abd al-Wahhab Al-Bayati. Az. i Afr. sog. no. 9:24 S '62.

TAJIKISTAN—EUCOMMIA

Dushanbe. Universitet. [Papers of the Department of Plant Physiology] Trudy kafedry fiziologii rastenii. Stalinabad, Gos. kom-t vysshego, srednego spetsial'nogo i professional'no-tekhn. obrazovaniia Soveta ministrov Tadzhikskoi SSR, 1961. 94 p. (DNAL)

TAJIKISTAN—GRAPES—FERTILIZERS AND MANURES

Dushanbe. Universitet. [Papers of the Department of Plant Physiology] Trudy kafedry fiziologii rastenii. Stalinabad, Gos. kom-t vysshego, srednego spetsial'nogo i professional'no-tekhn. obrazovaniia Soveta ministrov Tadzhikskoi SSR, 1961. 94 p. (DNAL)

TAJIKISTAN—IRRIGATION CANALS AND FLUMES
Recent developments in sealing bituminous joints of concrete canal linings. A.G Rodshtein Gidr.i mel. 14 no.5,41-15 Je '62.

TAJIKISTAN—RELATIONS (GENERAL) WITH RUSSIA
Radzhabov, Z.Sh. [Russia and Tajik literature of the end of 19th and the beginning of 20th century] Rossiia i tadzhikskaia literatura kontsa XIX - nachala XX vv. Stalinabad, Tadzhikskoe gos. izd-vo, 1959. 54 p. (MIR)

TAJIKISTAN—RELATIONS (GENERAL) WITH THE UKRAINE
Week of Tajik literature in the Ukraine Rad.lit. 6 no.5 155 S-O '62.

TAJIKISTAN—STATISTICS
Tajik S.S.R. Statisticheskoe upravlenie. [National economy of the Tajik S.S.R. in 1961, brief statistical manual] Narodnoe khoziaistvo Tadzhikskoi SSR v 1961 godu; kratkii statisticheskii sbornik. Dushanbe, Gos. stat. izd-vo, 1962. 166 p.

TAJIKISTAN—WATER—LAWS AND LEGISLATION
Activities of the Department of Collective Farm and Land Laws of the Law Faculty of the Leningrad University. N.A.Syrodoev. Vest.LGU 17 no.17 149-150 '62.

TAJIKISTAN—WOMEN—RIGHTS OF WOMEN
Tajik girls and disguised feudalists. A.Kronov. Mol. komm. no.6 67-73 Je '62.

TALAS ALA-TAU—FORAMINIFERA, FOSSIL
Bogush, O.I., and O.V. Iuferev. [Foraminifers and stratigraphy of Carboniferous sediments in the Kara-Tau and Talas Ala-Tau] Foraminifery i stratigrafiia kamennougol'nykh otlozhenii Karatau i Talasskogo Alatau. Moskva, Izd-vo Akad. nauk SSSR, 1962. 234 p.

TALDY-KURGAN DISTRICT—KAZAKHS—COSTUME AND ADORNMENT
Costume of the Kazakhs in Semirech'ye; based on materials of the 1960-1961 expedition to Taldy-Kurgan District of the Alma-Ata Province. I.V. Zakharova, R.D. Khodzhaeva. Trudy Inst. ist., arkheol. i etn. AN Kazakh. SSR 16:35-53 '62.

TALES, WHITE RUSSIAN
"White Russian folk tales." Reviewed by An. Shaunia. Belarus' 19 no.8 28 Ag '62

TALIN DISTRICT—RESERVOIRS
Discussing A.A. Akopov an B. Shakhmazarian's article "Efficacity of combining the development of Karmrashen volcanic slag deposit with the construction of the reservoir at the run-off of Mastara flood waters. G. Lusinian, TS. Khachatrian. Prom. Arm. 5 no.9: 13-19 S '62.

TALLINN—MOTORCYCLE RACING
Return match on a ring track. V. Rogozhin. Za rul. 20 no.9:24 S '62.

TALLINN—THEATER
This theater is always the same. V.Sukhnovskii-Pankeev. Teatr 23 no.9:74-84 S '62.

TAMAMSHEV, ALEKSANDR ZAKHAR'EVICH, 1877-
Aleksandr Zakhar'evich Tamamshev; on his 85th birthday [in Armenian with summary in Russian]. A.B Manchurov. Izv. Upr. sel'khoz. nauki Arm. SSR 5 no.6: 95-98 '62.

TAMAN—SCULPTURE, ANCIENT
Sculptural portraits from Phanagoria. M.M. Kobylina. Sov. arkheol. 6 no.3:208-214 '62.

TAMBOV PROVINCE—COMMUNIST PARTY OF THE SOVIET UNION

TANGERINE BREEDING
Pollination of flowers of the tangerine Citrus unshiu by the mixed pollen of different pollinators. V.K IAkobashvili. Sbor. trud. nauch. sotr. VIR no.1: 319-324 '60.

TANK, MAKSIM, pseud. see Skurko, Iauhen, 1912-

TANK VESSELS
Advantages of double-bottomed tank vessels. A. Chesnokov. Rech. transp. 21 no.9:59 S '62.

TANK WARFARE
Successors. V. Andrianov. Za rul. 20 no.8:15 S '62.

TANKS
Prospects for developing tank farms. V.B. Savitskii. Neft. khoz. 40 no.4:51-54 My '62.
Safarian, M.K., IU.K. Ishchenko, and H.M. Mesropian. [Study of the behavior of rectangular reinforced concrete tanks under the effect of temperature change, general conclusions from experience in design, construction, and operation] Issledovanie raboty priamougol'nykh zhelezobetonnykh rezervuarov pri temperaturnykh vozdeistviiakh; obobshchenie opyta proektirovaniia, stroitel'stva i ekspluatatsii. Moskva, VNIIST Glavgaza SSSR, redaktsionno-izdatel'skii otdel, 1961. 166 p.
Unit for vibration stamping of the precast reinforced concrete elements of tanks by the vibration rolling method. N.IA. Tsukerman. Stroi. i dor. mash. 7 no.8: 28-30 Ag '62.

TANKS (MILITARY SCIENCE)
Self-propelled artillery. Voen. znan. 38 no.9:25 S '62.
Soldiers in tank helmets. M.Katukov. Voen. znan. 38 no.8:5-6 S '62.
There are no laggards side by side with the experts. A.Egorin. Voen. znan. 38 no.9:13-14 S '62.

TANNING MATERIALS
New sources of phenol raw materials for the manufacture of high-quality tanning products S.K Golubeva, S.A Kuraitis Kozh.-obuv. prom. 4 no.9:24-27 S '62

TANNU-TUVA see Tuva A.S.S.R

TANTALUM
Scattering of stainless steel and tantalum by the ions of deuterium and krypton with energy level of 5-30 Kev. M.I. Guseva. Radiotekh. i elektron. 7 no.9:1680-1685 S '62.

TANTALUM BROMIDE
Mechanism and products of reduction of tantalum and niobium pentabromides S.S. Berdonosov, A.V. Lapitskii, L.G. Vlasov. Zhur. neorg. khim. 7 no.9:2173-2180 S '62.

TAPE AND WIRE RECORDERS AND RECORDING see Magnetic recorders and recording

TAPEWORMS
Bothriocephalinosis in carp and measures for its control. M.F. Volkobol, N.P. Shcheiban', Visnyk sil'hosp. nauky 5 no.8,115-117 Ag '62.
Comparative characteristics of the eggs of Hymenolepis nana (Siebold, 1852) and Hymenolepis fraterna (Stiles, 1906), family Hymenolepididae. A.I. Gushchina. Trudy Kar. fil. AN SSSR no.30:97-102 '61.
Hematological changes in rabbits during their immunization with Multiceps antigens. T.V. Ivanova. Trudy Rost. NIVS no.12:262-265 '60.
Role of secreting glands in the onchosphere of Hymenolepididae. A.I. Gushchina. Trudy Kar. fil. AN SSSR no.30:101-106 '61.
Use of the intracutaneous allergic reaction in diagnosing echinococcosis. V.I. Zorikhina. Fel'd. i akush. 27 no.7:21-23 Jl '62.

TAPS AND DIES
Drum-type tap. IA.R. Bukhman. Mashinostroitel' no.9 29 S '62.

TARA—GRAIN HANDLING
Combined production at the Tara Grain Receiving Enterprise, Omsk Province. I. Alekseev. Muk.-elev. prom. 28 no.7:25-26 Jl '62.

TARBAGATAY RANGE—DEEP-SEA DEPOSITS
Find of marine Middle Carboniferous sediments in the eastern Tarbagatay Range. N.L. Dobretsov, N.A. Pupyshev. Trudy VSEGEI 74:59-62 '62.

TARBAGATAY RANGE—GEOLOGY, STRATIGRAPHIC
Find of marine Middle Carboniferous sediments in the eastern Tarbagatay Range. N.L. Dobretsov, N.A. Pupyshev. Trudy VSEGEI 74:59-62 '62.

TARBAGATAY RANGE—GEOLOGY, STRUCTURAL
History of the formation of structures in the Tarbagatay Range. E.V. Pliushchev, G.V. Nekhoroshev. Trudy VSEGEI 74:3-20 '62.

TARBAGATAY VALLEY—GEOLOGY, STRUCTURAL
Kharly concentric zonal alkali massif and conditions governing its formation. R.M. IAshina. Trudy IGEM no.76:7-39 '62.

TARIM VALLEY
"The Kunlun and the Tarim," edited by E.M. Murzaev, Chshou Li-sang. Reviewed by V.M. Sinitsyn. Izv. Vses. geog. ob-va 94 no.4:354-356 Jl-Ag '62.

TARKHAN, CAPE—ROCKS, IGNEOUS
Recent data on pyroclastic rocks from Albian deposits of the Tarkhankut Peninsula. N.I. Cherniak, S.I. Bunich. Dokl. AN SSSR 145 no.1 190-192 S '62.

TARTRATES
Composition and stability constants of trivalent thallium tartrate complexes A.I. Busev, V.G. Tiptsova, L.M. Sorokina Zhur. neorg. khim. 7 no.9 2122-2126 S '62

TARTU—THEATER
And how is Kaarel Ird? N. Krymova Teatr 23 no.8 106-114 Ag '62

TASHKENT—AGRICULTURAL MACHINERY INDUSTRY
Busy life of a party group. M. IUsupov. Part. zhizn' [Uzb.] 5 no.9:83-84 S '62.

TASHKENT—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK
The unity of organizational and ideological work I. Arnautov Komm Uz 34 no.9 36-46 S '62
We should develop and promote voluntary participation in party work, voluntary participation in the work of the Party Committee of Kuybyshev District M. Mirabdullaev. Komm Uz 34 no.9 47-52 S '62.

TASHKENT—INDUSTRIAL MANAGEMENT
We have improved our guidance of industry. T. Malakhova. Part. zhizn' [Uzb.] 5 no.9:35-39 S '62.

TASHKENT—RADIO CLUBS
Creative work of the radio amateurs of Tashkent. A.Sviridov. Radio no.9,12 S '62.

TASHKENT—RADIO OPERATORS
Creative work of the radio amateurs of Tashkent. A.Sviridov. Radio no.9:12 S '62.

TASHKENT—SOLAR RADIATION
Calculation of the diurnal total radiation incident on inclined surfaces on cloudy days. I.P Bellaeva. Izv. AN Uz. SSR, Ser. fiz.-mat. nauk. 6 no.4:38-46 '62.

TASHKENT—VEGETABLE GARDENING
More vegetables for the Soviet people. A. Alimov. Part. zhizn' [Uzb.] 5 no.9:66-68 S '62.

TASHKENT PROVINCE—MINERALS IN SOIL
Trace element content of typical Sierozem and meadow soils. A.M. IAkubov, N.N. Vel'gorskaia, M.E. Uzenbaeva. Vest. sel'khoz. nauki [Kazakh.] 5 no.7,43-54 Jl '62

TASHKENT PROVINCE—PUBLIC HEALTH, RURAL
Aid of a sanitary group to the medic. U.D. Dzhambaiev. Fel'd. i akush. 27 no.7,42-43 Jl '62.

TASHKENT REGION—SERPENTS
Vipera lebetina in a sack. A. Nedialkov. Vokrug sveta no.8:40-41 Ag '62.

TATAR A.S.S.R.—AGRICULTURE—AUDITING AND INSPECTION
Work under the new conditions. S.Shtyrkina. Den. i kred. 20 no.9:54-57 S '62.

TATAR A.S.S.R.—AUTUMN
September in the Tatar A.S.S.R. N.V. Napalkov. Priroda 51 no.9:127 S '62.

TATAR A.S.S.R.—BANKS AND BANKING
Work under the new conditions. S.Shtyrkina. Den. i kred. 20 no.9:54-57 S '62.

TATAR A.S.S.R.—DISABILITY EVALUATION
Obsolete dogma. V. Kormakov. Sots. obesp. 23 no.7: 34-36 Jl '62.

TATAR A.S.S.R.—EDUCATION—PERIODICALS
"Soviet maktebe." S. Shamsutdinova. Nar. obr. no.10: 117 O '62.

TATAR A.S.S.R.—ENCEPHALITIS
Spring-summer tick-borne encephalitis in the Tatar A.S.S.R. S.V. Chueva. Kaz. med. zhur. no.3:3-5 My-Je '62.

TATAR A.S.S.R.—PARAFFIN WAX
Using Shreder's equation for calculating the starting crystallization temperature of wax of Tatar Devonian oils. V.M. Fokeev. Nauch. tekh. sbor. po dob. nefti no.1:27-32 '58.

TATAR A.S.S.R.—PETROLOGY
Petrographic characteristics and structure of the crystalline basement of the Popovsk area. I.B. Kononova. Trudy MINKHIGP no.38:29-53 '62.
Weathering crust on the crystalline rocks of the base of the northeastern part of the Tatar A.S.S.R. B.F. Gorbachev, B.S. Sitdikov, V.V. Vlasov. Dokl. AN SSSR 146 no.1:195-198 S '62.

TATAR A.S.S.R.—RURAL SCHOOLS
On the right path. G.IA. Kasimov. Vech. sred. shkola 5 no.3,41-43 My-Je '62.

TATAR A.S.S.R.—SOCIALIST COMPETITION
How we organize the competition of stockbreeders. V. Spiridonova. Sov. profsoiuzy 18 no.18:12-14 S '62

TATAR A.S.S.R.—STOCK AND STOCKBREEDING
How we organize the competition of stockbreeders. V. Spiridonova. Sov. profsoiuzy 18 no.18:12-14 S '62.

'IAH NEWSPAPERS
ow I became a "slanderer." I. Faizullin. Part. zhizn' No. 20:45 O '62.

'ISHCHEV, VASILII NIKITICH, 1686-1750
N. Tatishchev's collected proverbs. F M Golovenchenko Uch zap. MGPI 160 283-320 '61

UTOMERISM
Ring-chain tautomerism. Absorption spectra and structure of ketols in solutions. IU. A. Pentin, I. S. Trubnikov. Dokl. AN SSSR 146 no. 1 107-110 S '62.

XICABS
(see also subdivision under Donetsk)
Sirovskii, A. [Motorbus, trolley bus, street car, taxicab] Avtobus, trollelbus, tramvai, taksi. [Moskva] Mosk. rabochii, 1962. 90 p.

XICABS—MAINTENANCE AND REPAIR see subdivision under Rostov-on-Don

YMYR BASIN—COAL—ANALYSIS
Chemical characteristics of Permian coals in the Taymyr Basin. V. P. Teben'kov. Trudy NIIGA 121;110-125 '62.

YMYR PENINSULA—BRACHIOPODA, FOSSIL
Origin of the family Horridoniidae Muir-Wood et Cooper. V. I. Ustritskii. Paleont zhur. no. 3, 57-60 '62.

ILISI see Tiflis

A see subdivision under Krasnodar Territory

A—FERTILIZERS AND MANURES see subdivision under Azerbaijan

A—IRRIGATION see subdivision under Lenkoran Province

A—VARIETIES see subdivision under Azerbaijan

A BREEDING
Genetics and the breeding of the tea plant. K. F. Bakhtadze. Agrobiologiia no. 4, 510-517 Jl-Ag '62.

ACHERS
(see also subdivision under Tyumen' Province)
Delegate to the 14th Congress of the Communist Youth League. I. I. Vladykin. Rus. iaz. v shkole 23 no. 4 10-12 Jl-Ag '62.

ACHERS—OUT-OF-SCHOOL ACTIVITIES
Noble duty. Ul. Varno. Belarus' 10 no. 8, 10 Ag '62.

ACHERS—SELECTION AND APPOINTMENT
Procedure for filling the positions of academic and scientific personnel in institutions of higher learning. Vest. vys. shkoly 20 no. 9, 87-89 S '62.

ACHERS, TRAINING OF
(see also subdivision under Moscow, Peiping, Slavgorod District, Sweden; Turkmenistan)
Schools and the institutions of higher learning. A. I. Markushevich. Vest. vys. shkoly 20 no. 9, 14-17 S '62.

Successful teaching requires a systematical study of subject matter. Nar. asv. no. 9, 3-6 S '62.

ACHING
(see also subdivision under Lipetsk Province)
Akademiia pedagogicheskikh nauk RSFSR, Moscow. Institut psikhologii. [Our experience with educational work in schools] Nash opyt uchebno-vospitatel'noi raboty v shkole. Pod red. T. I. Danilushevskoi i V. I. Samokhvalovoi. Moskva, Izd-vo Akad. pedagog. nauk RSFSR, 1962. 107 p. (Pedagogicheskie chteniia)

All teachers should learn from the example of leading educators. Nar. asv. no. 6, 3-10 Je '62.

Didactic principles of teaching. L. Zankov. Nar. obr. no. 10:38-47 O '62.

An effective form of supplementary classwork. A. Efimchyk. Nar. asv. no. 6, 44-45 Je '62.

For the improvement of the educational process. V. Strezikozin. Nar. obr. no. 8, 19-24 Ag '62

Highway. I. Korzhev. Nar. obr. no. 8, 70-72 Ag '62.

Individual approach to students as a prerequisite for retaining of a full enrollment. P. A. Shavir. Vech. sred. shkola 5 no. 3, 87-90 My-Je '62.

Let's improve teaching and check the assimilation of knowledge by students daily. Nar. obr. no. 10, 123-124 O '62.

Let's work without repeating students. Nach. shkola 30 no. 8: 30-35 Ag '62.

Method of exercises and writing with commentary. K. Moskalenko, Z. Romanovskaia. Nar. obr. no. 8 insert Ag '62 16 p.

Methods we use to eliminate repeating a year. N. Anisimov. Nar. obr. no. 10, 46-51 O '62.

More on the development of independent thinking. V. Selivanov. Nar. obr. no. 8, 66-67 Ag '62.

Pedagogical collective and the elimination of repeating a year. A. Bazdenkova, R. Ivanov Nar obr. no. 8: 62-65 Ag '62.

Some ways and methods used in the primary grades of Moscow schools to increase student knowledge. N. G. Utkina, V. P. Kozlova. Nach shkola 30 no. 8 38-45 Ag '62.

System of work P. Sinitsyn Nar. obr. no. 10, 29-31 O '62.

What the results of the year call for. I. Ponomarev. Nar. obr. no. 10, 12-16 O '62.

TEACHING—BIBLIOGRAPHY see Bibliography—Teaching

TECHNICAL CHEMISTRY see Chemistry, Technical

TECHNICAL EDUCATION
(see also subdivision under Kazakhstan, Ukraine, Vyborg)
New reinforcement of the engineer staff in the woodpulp and paper industry. N. M. Kostin. Bum. prom. 37 no. 9, 29-30 S '62.

Step-up the training of engineering and science specialists. A. P. Aristov. Mekh. i avtom. proizv. 16 no. 8, 47-50 Ag '62.

Technical education for students. G. Protasovskii. Za rul. 20 no. 9, 25 S '62.

TECHNICAL LIBRARIES
(see also subdivision under Zaporozh'ye)
The friends of technical books A. Glotova, A. Sapygina. Part. zhizn' Kazakh. 32 no. 9, 60-63 S '62.

Technical soviet of the library I. Smirnov Bibliotekar' no. 10, 33-34 O '62.

TECHNICAL SOCIETIES
The Seventh Plenum of the All-Union Council of Scientific Technological Societies. NTO 4 no. 10, 1 O '62.

TECHNOLOGICAL INNOVATIONS
(see also subdivision under Kazakhstan; Kurgan Province; Latvia; Leningrad; Moscow Province, Volgograd Province)
Achievements of science and technology in the economy. Gor. zhur. no. 9, 77 S '62.

Across the whole world. Znan.-sila 37 no. 6, 24-25 Je '62

Advertising board. Izobr. i rats. no. 10, 37 O '62

"Awakened" innovations. V. A. Popov. Izobr. i rats. no. 8, 22 Ag '62.

Bluff or revolution? V. Kardashev, L. Stepanian. Izobr. i rats. no. 10, 18 O '62.

Clearly, intelligibly, correctly. L. Tunina. Izobr. i rats. no. 10, 36 O '62.

Concerning the improvement in the organization of the work on new inventions. Vest. aviazi 22 no. 9, 6-9 S '62.

Do more today than you did yesterday. Sov. profsoiuzy 18 no. 19, 19 O '62.

From foreign countries. Izobr. i rats. no. 10, 39 O '62.

From various countries. Izobr. i rats. no. 8, 39 Ag '62.

Important payments. L. Filatov. Izobr. i rats. no. 10, 35 O '62.

In the State Committee on Automation and Mechanization of the Council of Ministers of the U.S.S.R. Mekh. i avtom. proizv. 16 no. 8, 55 S '62.

In the whole world. Znan.-sila 37 no. 7, 16-17 Jl '62.

In the world of science and technology; developments in foreign countries. Prom. Arm. 5 no. 9, 62-64 S '62.

In the world of science and technology; developments in the U.S.S.R. Prom. Arm. 5 no. 9, 60-62 S '62

Industrial laboratories are the perpetuators of technological progress. Vest. aviazi 22 no. 9, 11 S '62.

Innovations should be under public control. Mashinostroitel' no. 9, 1 S '62.

Kasitskii, I. TA. [On the "industrial virgin land."] O "promyshlennoi tseline." Moskva, Izd-vo "Znanie," 1962. 45 p. (Narodnyi universitet kul'tury: Tekhniko-ekonomicheskii fakul'tet, no. 9)

Maple leaves and the technology of inventing. M. Budylin. Izobr. i rats. no. 10, 2 of cover and 29-30 O '62.

"Methods of determining the yearly economic effect of the use of the new technology." Reviewed by B. Eglazarian. Prom. Arm. 5 no. 9, 18-22 S '62.

Millions are within reach. B. Klavdin, E. Salimov. Znan.-sila 37 no. 6, 1-3 Je '62.

Moscow constructors presented the State with the No. 149549 invention. I. Titova. Izobr. i rats. no. 10, 17 O '62.

New exhibits at the Exhibition of the Achievements of National Economy. NTO 4 no. 10, 50-51 O '62.

News from abroad. NTO 4 no. 10, 54 O '62.

On the study of the economic efficiency of using new machinery. V. L. Van. Trudy KhPI 22 no. 2, 35-49 '59.

Plenipotentiaries of the council. A. Lokotkov. Izobr. i rats. no. 8, 15 Ag '62.

Progress of the public review of the carrying out of the plans on research work and of the use of the achievements of science and technology in production. Der. prom. 11 no. 10, 25-26 O '62.

Proposed, made, introduced. Izobr. i rats. no. 8, 12-13 Ag '62.

Put the creativeness of the masses in the service of the seven-year plan. V. Silaianov. Sov. profsoiuzy 18 no. 19, 16-18 O '62.

Putting a spoke in somebody's wheel. S. Polumenov. Izobr. i rats. no. 8, 24 Ag '62.

Suggested, created, introduced. Izobr. i rats. no. 10, 20-21 O '62.

That can be used in your enterprise. Mashinostroitel' no. 9, 22-23 S '62.

Throughout the world Znan.-sila 37 no. 5, 38-39 My '62

Ways for improving planning and introducing the achievements of science and technology. A. Pilnov. Plan. khoz. 39 no. 10, 44-53 O '62.

What is the news? Izobr. i rats. no. 8, 18 Ag '62.

Yesterday a dream, today a reality. IU. Stepanenko, I. Kirpichnikova, G. Malinichev Znan.-sila 37 no. 5, 31 My '62

TECHNOLOGICAL INNOVATIONS—BIBLIOGRAPHY see Bibliography—Technological innovations

TECHNOLOGICAL INNOVATIONS—COMPETITIONS
Proposals awarded prizes at the 15th All-Union Contest for Electric Power Economies. Prom. energ. 17 no. 10, 12-13 O '62.

TECHNOLOGY
Close cooperation between scientists and practical workers. P. F. Khorev. Vop. ist. KPSS 6 no. 5, 234-235 '62

IAshin, I. V. [Practice in organizing and conducting technical seminars in enterprises of the Leningrad Economic Council, verbatim report] Opyt organizatsii i provedeniia tekhnicheskikh seminarov na predpriiatiiakh Lensovnarkhoza; stenogramma doklada. Leningrad, 1962. 33 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Serila Ekonomika i organizatsiia proizvodstva)

News around the world. Tekh. mol. 30 no. 9, 34-35 '62.

Reality of mathematical abstractions. N. Rozov. NTO 4 no. 10, 15-17 O '62.

TECHNOLOGY—BIBLIOGRAPHY see Bibliography—Technology

TECHNOLOGY—INFORMATION SERVICES see subdivision under Armenia

TECHNOLOGY AND CIVILIZATION
Present-day capitalism and the progress of science and technology. I. Ivanov. Mir. ekon. i mezhdunar. otn. no. 10, 3-14 O '62.

TEDZHEN VALLEY—ANTIQUITIES
In the valley of the Tedzhen River. I. Shishkin. Znan.-sila 37 no. 7, 48-51 Jl '62.

TEDZHEN VALLEY—SOILS
Characteristics of the soil structure in the northern part of the Tedzhen Delta and utilization of soils in agriculture. K. Redzhepbaev. Izv. AN Turk SSR, Ser. biol. nauk no. 4, 47-52 '62.

TEETH
Kalonlarov, D. E. [Health and the teeth] Zdorov'e i zuby. Moskva, Medgiz, 1962. 31 p. (DNLM)

TEETH—ABNORMITIES AND DEFORMITIES see Orthodontia

TEETH—DISEASES
(see also subdivision under Kalinin)
"Methods and techniques for treating diseases of the teeth" by M. I. Groshikov and V. K. Patrikeev. Reviewed by V. S. Ivanov. Stomatologiia 41 no. 4, 100 Jl-Ag '62.

Study of the incidence of diseases of the mouth and teeth as revealed by data on patients' visits. T. I. Kudriavtseva. Zdrav. Ros. Feder. 6 no. 7, 15-19 Jl '62.

TEETH—EXTRACTION
Comparative data on the use of novocaine anesthesia with and without adrenaline in extracting teeth from individuals with cardiovascular diseases. Z. M. Mikanba Stomatologiia 41 no. 4, 57-59 Jl-Ag '62.

Method for suturing the wounds following tooth extraction surgery. A. P. Siderman. Stomatologiia 41 no. 4, 60-62 Jl-Ag '62.

TEETH—RADIOGRAPHY
Standard types, sizes and form for film for roentgenography of the teeth and periodontal tissues IU. K. Kuznetsov. Stomatologiia 41 no. 4, 32-36 Jl-Ag '62.

Zedgenidze, G. A., and R. S. Shilova-Mekhanik. [X-ray diagnosis of diseases of the teeth and jaws; a textbook for doctors and students] Rentgenodiagnostika zabolevanii zubov i cheliustei, posobie dlia vrachei i studentov. Moskva, Medgiz, 1962. 283 p. (DNLM)

TELECOMMUNICATION
(see also subdivision under Cuba; Odessa Province; Virgin Territory)
D. Gross, General Secretary of the International Trade Union of Electrical Communications Workers has visited the Soviet Union. Vest. aviazi 22 no. 9, 32 S '62.

For the workers of rural areas. Vest. aviazi 22 no. 9, 23-24 S '62.

A new method for increasing the speed of a message printer. K. E. Volkovitskii, N. F. Kniazeva, Elektrosviaz' 16 no. 10, 69-71 O '62.

Organization and use of communication means. Vest. aviazi 22 no. 9, 10 S '62.

We should persistently try to carry out the work plans and improve the quality of work of the communication enterprises. Vest. aviazi 22 no. 9, 1-2 S '62.

TELECOMMUNICATION—BIBLIOGRAPHY see Bibliography—Telecommunication

TELECOMMUNICATION—EMPLOYEES

Gathering of shock workers and brigades of communist labor. Vest. sviazi 22 no. 9:31 S '62.

Greater attention should be paid to the correspondence courses of the communication workers. M. V. Ryzhov. Vest. sviazi 22 no. 9,10 S '62.

The leading workers of the socialist competition. Vest. sviazi 22 no. 9:30 S '62.

"Operation of the postal, telegraph, and telephone system" by B. S. Belikov and others. Reviewed by B. Grigor'ev. Rasp. pech. no. 7 21 Jl '62.

Pay close attention to the communications of our working people. A. L. Murashkin. Vest sviazi 22 no. 9:28-29 S '62.

With concern for men. IA. Fridman. Vest. sviazi 22 no. 9:32 S '62.

TELECOMMUNICATION—PATENTS

Certificates of invention. Elektrosviaz' 16 no. 10,73-74 O '62.

Foreign patents. Elektrosviaz' 16 no. 10,75-76 O '62.

Russia (1923- U.S.S.R.) Komitet po delam izobretenii i otkrytii. [A collection of patents, telecommunication] Sbornik izobretenii; sviaz', Moskva, TSentr. biuro tekhn. informatsii, 1961. 119 p. (Sborniki otechestvennykh izobretenii)

TELEGRAPH

(see also subdivision under Odessa)

Concerning the interference rejection of a method for receiving fading signals with multiplex phase-difference keying. N. P. Khvorostenko. Elektrosviaz' 16 no. 8: 66-68 Ag '62.

Concerning the transmission levels in frequency telegraphy channels. V. I. Kurgapkin, Avtom. telem. i sviaz' 6 no. 9:34-35 S '62.

Interference rejection of a certain method for duplex phase telegraphy reception. B. D. Osipov. Elektrosviaz' 16 no. 10 21-24 O '62.

A new method for increasing the speed of a message printer. K. E. Volkovitskii, N. F. Kuznezova. Elektrosviaz' 16 no. 10 69-71 O '62.

TELEGRAPH—EQUIPMENT AND SUPPLIES

Transistorized voice-frequency telegraphy apparatus. V. N. Amarantov, M. P. Sverdlov. Vest sviazi 22 no. 9: 3-4 S '62.

TELEGRAPHY

Founder of electromagnetic telegraphy; on the 125th anniversary of P. L. Shillingis death. A. V. [Arotskii] Elektrichestvo no. 9,82-86 S '62

TELEMETERING

Potential interference rejection of digital radio telemetry systems with an additional subcarrier [with summary in English]. A. F. Fomin. Avtom. i telem. 23 no. 7 926-931 Jl '62.

Telemetering of single time intervals by means of spiral scanning. S. S. Vetoshkin, B. S. Rozov, B. M. Stepanov. Avtom. i telem., sbor. st. no. 2 69-74 '62

Telemetering of time intervals with multiple-line recording using a 18L0-47 tube. A. I. Gavor, B. S. Rozov, B. M. Stepanov. Avtom. i telem., sbor. st. no. 2 75-81 '62

TELENESHTY DISTRICT—COLLECTIVE FARMS—FINANCE

Deductions from the indivisible funds of collective farms. I. Brzheziuskii. Den. i kred. 20 no. 8:61-63 Ag '62.

TELEORMAN RIVER

The Teleorman forest and the Teleorman River [translated from the Rumanian]. J. Konja, S. Dragomirescu, G. Njamu. Vop. geog. no. 58 112-116 '62.

TELEPHONE

(see also subdivision under Odessa; Odessa Province)

Andreev, I. V., and G. S. Karasin. [Over-all automation of telephone communications in electric power distribution systems] Kompleksnaia avtomatizatsiia telefonnoi sviazi energosistem. Moskva, Gosenergoizdat, 1962. 87 p.

A frequency divider as a source of ringing current. N. V. Seleznev, Avtom., telem. i sviaz' 6 no. 9:38-39 S '62.

Regional agricultural administration centers should be provided with good telecommunication services. G. Z. Sinchenko. Vest. sviazi 22 no. 9:16-17 S '62.

We are improving the organization of work. N. D. Grishko. Vest. sviazi 22 no. 9:15 S '62.

TELEPHONE—EQUIPMENT AND SUPPLIES

New devices aid in the use of equipment. A. M. Liepiņš. Vest. sviazi 22 no. 9:13-14 S '62.

TELEPHONE, AUTOMATIC

Automation of checking and preventive maintenance operations in automatic telephone exchanges. L. I. Sagalovich. Vest. sviazi 22 no. 9:11-13 S '62.

Farafonov, L. S., P. D. Kuinshov, and I. I. Semenov. [Rural automatic telephone exchange with a capacity of 100 to 600; numbers, information manual] Sel'skaia ATS 100/600, informatsionnyi sbornik, Moskva, Sviaz'izdat, 1962. 136 p. (Tekhnika sviazi)

Livshits, B. S., and I. Kh. Movshovich. [A relay block-type automatic telephone exchange with a capacity of 10-40 numbers] Releinaia blochnaia ATS emkosti'iu 10-40 nomerov. Moskva, Sviaz'izdat, 1962. 63 p. (Lektsii po tekhnike sviazi)

TELEPHONE LINES

(see also subdivision under Czechoslovakia)

Mazel', S. I. and L. I. Ustinov. [Mechanization of the construction and repair operations of electric communication lines] Mekhanizatsiia stroitel'stva i remonta kabel'nykh linii sviazi. Moskva, Sviaz'izdat, 1962. 167 p.

Norms on crosstalk attenuation in long-distance low-frequency telephone cables. T. M. Sakharova, N. A. Khodorkovskii. Vest. sviazi 22 no. 9:9 S '62

Plastic and wire cable hangers. V. G. Afonin. Avtom., telem. i sviaz' 6 no. 9:11 S '62.

TELEPHONE LINES—EQUIPMENT AND SUPPLIES

Modernized ShMS boxes for long-distance communication cable lines. V. I. Katsalapenko. Avtom., telem. i sviaz' 6 no. 9:6-10 S '62.

TELEVISION

A high-frequency block instead of the PTK unit. P. Korobeinikov. Radio no. 9:41 S '62.

Seventy-fifth anniversary of the discovery of the photoelectric effect. Tekh. kino i telev. 6 no. 10 93 O '62.

Some features of digital television systems with variable horizontal frequency and frame repetition rate. V. P. Mandrazhi, D. A. Novik. Radiotekhnika 17 no. 10 35-41 O '62.

Television attachment with a 110° picture tube. A. Piltakian. Radio no. 9 37-39 S '62.

TELEVISION—BIBLIOGRAPHY see Bibliography—Television

TELEVISION—EQUIPMENT AND SUPPLIES

A converter for the "Luch", "Ukran", "Sever", and "Rekord" television receivers. IU. Samokhin. Radio no. 9:10 S '62.

New principles of the design of control systems for television channels (with summary in English on p. 96). M. I. Krivosheev. Tekh. kino i telev. 6 no. 10 12-18 O '62.

TELEVISION—PERIODICALS

"Television reception"; a serial publication. A. Gorokhovskii. Radio no. 9:63 S '62.

TELEVISION—PICTURE TUBES

Reducing the time of potential relief formation in vidicons (with summary in English on p. 96). V. M. Liubin, L. K. Malakhov. Tekh. kino i telev. 6 no. 10 31-35 O '62.

TELEVISION—RECEIVERS AND RECEPTION

Concerning some faults of television receivers. N. Babkin. Radio no. 9:42-43 S '62.

Faults of the "KVN-49" television receiver. A. Shekhtman. Radio no. 9:41 S '62.

Samoilov, V. F. [Large television screens] Bol'shoi televizionnyi ekran. Moskva, Gosenergoizdat, 1962. 63 p. (Massovaia radiobiblioteka, no. 437)

TELEVISION—TRANSMITTERS AND TRANSMISSION

Analysis of a video signal for studying its transitory characteristics. L. A. Shul'in. Elektrosviaz' 16 no. 10 30-37 O '62.

Characteristics of color television transmitters. A. M. Lobshin. Elektrosviaz' 16 no. 8:32-40 Ag '62.

TELEVISION BROADCASTING

(see also subdivision under White Russia)

Scientific and technical conference on the techniques of television broadcasting. Tekh. kino i telev. 6 no. 10 90-91 O '62.

Television broadcasting of the flight of "Vostok-3" and "Vostok-4" spaceships. Tekh. kino i telev. 6 no. 10: 90 O '62.

TELEVISION BROADCASTING OF FILMS

Technological norms in the production of motion picture films for television broadcasting (with summary in English). V. B. Tolmachev. Tekh. kino i telev. 6 no. 10:69-78 O '62.

TELEVISION BROADCASTING OF FILMS—EQUIPMENT AND SUPPLIES

Motion-picture projector with two control posts for continuous television broadcasting of color motion pictures (with summary in English on p. 96). D. A. Taranets. Mekh. kino i telev. 6 no. 10,45-53 O '62.

TELEVISION PLAYS

Last step. G. Ul'ianov. Nauka i rel. no. 9:89-90 S '62.

TELEVISION STATIONS

(see also subdivision under Odessa; Prague)

Experience in the transition to business accounting. L. P. Zhukov. Vest. sviazi 22 no. 9:27 S '62.

TELLURIUM—ELECTRIC PROPERTIES

Anisotropy of the electroconductivity of tellurium. I. L. Drichko, I. V. Mochan, IU. N. Obraztov. Fiz. tver. tela 4 no. 9:2514-2520 S '62.

TELLURIUM CRYSTALS

Self-diffusion in polycrystalline tellurium. R. I. Kazhieva, A. A. Kuliev, N. I. Bragimov. Izv. AN Azerb. SSR. Ser. fiz.-mat. i tekh. nauk no. 3 95-98 '62.

TELLURIUM OXIDE

Products of Te oxidation by oxygen under pressure in water and aqueous solutions of NaOH. V. G. Tronov, B. N. Kulikovskii. Zhur. neorg. khim. 7 no. 9:2278-2280 '62.

TEMPERATURE—MEASUREMENT

Method for measuring the color temperature of light sources using relative intensities of spectral lines. V. I. Gladushchak, E. IA. Shneider. Opt. i spektr. 13 no. 3:457-458 S '62.

TEMPERATURE REGULATORS

Increasing the reliability and the service life of ship temperature control equipment. E. A. Kalinin. Inform. sbor., TSNIIMF no. 60, Tekh. ekspl. mor. flota no. 11: 56-70 '61.

TEMPERING

Hardening of cold-drawn wire during low-temperature tempering. Trudy Inst. chern. met. AN URSR 18:75-81 '62.

Investigating the effect of tempering conditions of all-rolled railroad wheels on the wheel disk metal properties. K. F. Stanodubov, I. G. Uzlov. Trudy Inst. chern. met. AN URSR 18:33-44 '62.

TEMPORAL BONE—TUMORS

Osteoblastoclastoma of the temporal bone. S. N. Lapchenko. Vest. otorin. no. 5:78-80 '62

TEMPOROMANDIBULAR JOINT—FOREIGN BODIES

Foreign body in the region of the temporomandibular joint. G. M. Kapitelov. Stomatologiia 41 no. 4:89-90 Jl-Ag '62.

TEMRYUK—FISHING NETS

Design of purse seines used by fishermen of the Temryuk Motorboat Fishing Station for catching fish and dolphins in the Black Sea. V. Nazarov. Ryb. prom. no. 51 18-26 '62

TENGIZ DEPRESSION—FOLDS (GEOLOGY)

Relationship between the Tengiz and Dzhezkazgan depressions in the Upper Paleozoic of central Kazakhstan. A. S. Kumpan. Trudy VSEGEI 74 21-36 '62.

TENSIOMETERS

Three-channel tensiometric measuring unit. A. I. Sinkhre and others. Trudy Inst. gor. dela Sib otd AN SSSR no. 6:91-94 '61.

TERBIUM—MAGNETIC PROPERTIES

Magnetostriction of Tb and Ho [with summary in English]. S. A. Nikitin. Zhur. eksp. i teor. fiz. 43 no. 1: 31-34 Jl '62.

TEREBRATULIDAE, FOSSIL see subdivision under Russian Platform

TEREK VALLEY—GLACIERS

The Devdorak glacier. V. V. Aglalova, V. L. Vilenkin. Izv. Vses. geog. ob-va 94 no. 4:339-343 Jl-Ag '62.

TEREK VALLEY—POPLAR

A promising species of poplar. A. I. Polikova. Priroda 51 no. 9:119 Ag '62.

TERMITES—EXTERMINATION—CONGRESSES

Vsesoiuznoe soveshchanie po izucheniiu termitov SSSR i razrabotke profilakticheskikh meropriiatii, 1st, Ashkhabad, 1960. [Termites and their control; papers] Termity i mery bor'by s nimi, [doklady]. Ashkhabad, Izd-vo Akad. nauk Turkmenskoi SSR, 1962. 113 p.

TERPHRITE see subdivision under Daralagez Range

TERRACING see subdivision under Moldavia

TERRAMYCIN

Isolation and purification of terramycin using a liquid ion exchanger. S. I. Kaplan, N. L. Ieseva, I. N. Frabrikova. Med. prom. 16 no. 7:25-31 Jl '62.

Testing terramycin for the treatment and prevention of pasteurellosis in chickens. V. G. Romanenko. Trudy Rost. NIVS no. 12:162-165 '60.

TERSKEI ALA-TAU—GLACIERS

Akademiia nauk Kirgizskoi SSR, Frunze. Tian'shanskaia fiziko-geograficheskaia stantsiia. [Material from glaciological studies; Tien Shan (Terskei Ala-Tau)] Materialy glatsiologicheskikh issledovanii; Tian'-Shan' (Terskei Ala-Too). Frunze, Izd-vo Akad. nauk Kirgizskoi SSR,

No. 3. [Thawing of glaciers] Taianie lednikov. 1961. 247 p.

No. 4. Tsigel'naia, I. D. [Snow cover] Snezhnyi pokrov. 1961. 77 p.

TERSKEI ALA-TAU—SNOW

Akademiia nauk Kirgizskoi SSR, Frunze. Tian'shanskaia fiziko-geograficheskaia stantsiia. [Material from glaciological studies; Tien Shan (Terskei Ala-Tau)] Materialy glatsiologicheskikh issledovanii; Tian'-Shan' (Terskei Ala-Too). Frunze, Izd-vo Akad. nauk Kirgizskoi SSR,

No. 3. [Thawing of glaciers] Taianie lednikov. 1961. 247 p.

No. 4. Tsigel'naia, I. D. [Snow cover] Snezhnyi pokrov. 1961. 77 p.

TESTING MACHINES
(see also subdivision under Germany, East)
Machines for testing under operating conditions L. M. Lebedev, A. I. Udalova Priborostroenie no. 8 17-20 Ag '62.
"Modern machines and devices for mechanical testing of materials" by B. A. Avdeev Reviewed by A. S. Bol'shikh. Priborostroenie no. 8 3 of cover Ag '62.
New testing machines S. P. Orlov. Priborostroenie no. 8 24-25 Ag '62.

TESTING MACHINES—ABSTRACTS
[Precision instruments and testing equipment] Ref. zhur. Otd. vyp. 40: Prib. toch. mekh. i isp. ust. nos. 19-20 O '62.

TETRACYCLINE
Treatment of trachoma with tetracycline. L. V. Kolsanova Kaz. med. zhur. no. 3 49-50 My-Je '62

TEUTONIC LANGUAGES see Germanic languages

TEXTBOOKS
Design of textbooks for elementary schools. B. I. Kuryshev. Kniga; issl. i mat. 6 77-89 '62.
Textbooks and teaching aids for evening (staggered) school students in 1962. G. N. Shapochkina, S. A. Ponomarev. Vech. i zaoch. shkola 5 no. 3 93-94 My-Je '62.

TEXTILE FABRICS—STANDARDS
Reinforced and dense textile weaves. Standartizatsiia 26 no. 9 38-39 S '62.

TEXTILE FACTORIES see subdivision under Chernogorsk

TEXTILE FIBERS
Bazhenov, V. I. [Guide to textile materials in the clothing industry; abstracts of lectures] Shveinoe materialovedenie; konspekt lektsii. Moskva, Nauchno-metodicheskii kabinet.
Pt. 1. [Textile fibers] Tekstil'nye volokna. 1960. 80 p.

TEXTILE FIBERS, SYNTHETIC
Present state and development trends of the world production of synthetic fibers. E. V. Zernov Tekst. prom. 22 no. 9:84-88 S '62.
[Processing of rayon and synthetic fibers; abstracts of reports made at the scientific and technical conference] Pererabotka iskusstvennykh i sinteticheskikh volokon, tezisy dokladov nauchno-tekhnicheskoi konferentsii [n. p.] TSentral'noe biuro tekhn. informatsii, 1962 63 p.

TEXTILE FINISHING
Finishing preparations with a base of dimethylolalkyltriazone. A. S. Kriukova, R. A. Lapina, K. G. Mizuch. Tekst. prom. 22 no. 9:16-19 S '62.
Focus the attention on the finishing of fabrics. Tekst. prom. 22 no. 9:1-4 S '62.
Kats, N. V. [Metallization of textile fabrics] Metallizatsiia tkanei. Moskva, Rostekhizdat, 1962. 169 p.

TEXTILE FINISHING—BIBLIOGRAPHY see Bibliography—Textile finishing

TEXTILE INDUSTRY
(see also subdivision under Ivanovo Province, Latvia; Minsk, Moscow; Oktybr'skiy, Moscow Province; Vitebsk)
Bazhenov, V. I. [Guide to textile materials in the clothing industry; abstracts of lectures] Shveinoe materialovedenie; konspekt lektsii. Moskva, Nauchno-metodicheskii kabinet.
Pt. 2. [Technology of textile manufacture] Tekhnologiia tekstil'nogo proizvodstva. 1961. 114 p.
Brief review of the new developments in foreign technology. Tekst. prom. 22 no. 9:88-93 S '62.
On the road of a technological reorganization of the production. E. N. Petrov. Tekst. prom. 22 no. 9:5-8 S '62.
Possibilities of cutting fuel expenditure in textile manufacture. V. V. Antonova. Tekst. prom. 22 no. 9:82-83 S '62.

TEXTILE INDUSTRY—ACCOUNTING
Calculating the gross production in textile factories. G. D. Lioginskii. Tekst. prom. 22 no. 9:35-37 S '62.

TEXTILE MACHINERY
Laboratory-type two-drum scutching machine. S. I. Vlatchenko. Biul. tekh.-ekon. inform. Gos. nauch.-issl. inst. nauch. i tekh. inform. no. 9:49-50 '62.
Operating efficiency of textile machinery. E. M. Malov. Mekh. i avtom. proizv. 16 no. 9:44-46 S '62.
"Papa, buy the toy" I. Mikhailova. Izobr. i rats. no. 8: 31 Ag '62.
Standard types of reeling, warping and dressing machines. Iu. V. Kurenkov, V. A. Kokorev, V. B. Livshits. Mekh. i avtom. proizv. 16 no. 8:32-37 Ag '62.
Two-rim spiral gear for the TO-16 machine. R. V. Lupanina. Tekst. prom. 22 no. 9:80 S '62.

TEXTILE PRINTING
Determining the relative reduction rate of vat dyes in printing pastes. L. M. Golomb, G. V. Shalimova. Tekst. prom. 22 no. 9:25-29 S '62.

TEXTILE RESEARCH
Work of research laboratories in the textile and knitting industry. N. P. Voronin. Biul. tekh.-ekon. inform. Gos. nauch.-issl. inst. nauch. i tekh. inform. no. 9:77 '62.

TEXTUAL CRITICISM see Criticism, Textual

TEYKOVO—BANKS AND BANKING—ACCOUNTING
State Bank's business and people. N. Bakanov. Den. i kred. 20 no. 8:49-50 Ag '62.

TEYKOVO DISTRICT—EDUCATION, ELEMENTARY
Extended day schools. P. Korchagin. Sov. deput. trud. no. 10:33-39 O '62.

THAILAND—ETHNOLOGY—PERIODICALS
"The Journal of the Siam Society," 1901-1958. E. Ivanova Sov. etn. no. 4:198-207 Jl-Ag '62

THALLIUM
Coprecipitation of thallium with iridium (III) sulfide. N. A. Rudnev, G. I. Malofeeva. Zhur. neorg. khim. 7 no. 9:2262-2265 '62.
Thallium in some minerals and rocks of sedimentary genesis. N. T. Voskresenskaia, N. V. Timofeeva, M. Topkhana. Geokhimiia no. 8:737-741 '62.

THALLIUM COMPOUNDS
Composition and stability constants of trivalent thallium tartrate complexes A. I. Busev, V. G. Tiptsova, I. M. Solokina. Zhur. neorg. khim. 7 no. 9:2122-2126 S '62

THALLIUM HALIDES
Stability in solutions of mixed thallium and indium halides IA. D. Fridman, R. I. Solochan, N. V. Dolgashova Zhur. neorg. khim. 7 no. 9:2127-2133 S '62.

THAWING
Simplified system of calculating the water yield of snow. A. G. Kovzel'. Trudy GGI no. 99:141-176 '62.

THEATER
(see also subdivision under Australia; Baghdad, Crimea; Erivan; Germany, East; Italy, Kemerovo Province, Leningrad; London; Moscow, Novosibirsk; Odessa; Paris, Parma; Poznan; Rostov-on-Don, Sverdlovsk, Taganrog; Tallinn; Tartu, United States)
Forum of peoples Georgii Mdivani. Teatr 23 no. 6: 2-4 Ag '62.
In the Ministry of Culture of the U. S. S. R. Teatr 23 no. 8 144 Ag '62
In the theaters of the world. Teatr 23 no. 9:191-192 S '62.
The longest war. R. Shau. Nauka i rel no. 6:88-90 Je '62.
News from Australia and other countries. Teatr 23 no. 8, 189-191 Ag '62
News from Malkop and other cities. Teatr 23 no. 9: 160-165 S '62.
News from Orenburg and other cities. Teatr 23 no. 8-146, 150, 152-153 Ag '62.
Newspaper survey. Teatr 23 no. 9:140-142 S '62.
"Outline history of the Soviet Russian dramatic theater, 1945-1959." Reviewed by N. Gromov. Teatr 23 no. 9: 130-139 S '62.
Participants of the Congress speak Vladimir Magar and others Teatr 23 no. 8. 5-7 Ag '62
Tolchenova, N. P. [On times reflected in drama and on the stage] Sovremennost' v p'ese i na stsene. Moskva, Izd-vo "Znanie," 1962. 47 p. (Novoe v zhizni, nauke, tekhnike. VI Seriia: Literatura i iskusstvo, no. 14)
When the theater comes to the village... B. Medvedev. Teatr 23 no. 8 116-122 Ag '62.

THEATER—POLITICAL ASPECTS
Theater means also politics. S. Bakhmeteva. Mol. kommn. no. 6:108-112 Je '62.

THEATER AUDIENCES
A word on the audience. Isidor Shtok. Teatr 23 no. 9: 111-116 S '62.

THEATERS see subdivision under Petrozavodsk; Tula; Vol'sk

THEATERS—STAGE SETTING AND SCENERY
Interview with V. A. Favorskii. Teatr 23 no. 8:143 Ag '62.

THEOLOGICAL SEMINARIES see subdivision under Moscow

THEOLOGY, DOCTRINAL—MODERN PERIOD
Contemporary theological problems (to be continued). N. Ivanov. Zhur. Mosk. Patr. no. 8:35-44 Ag '62.

THEOPHYLLINE
Diprophylline, a water-soluble analog of theophylline. R. A. Al'tshuler. Med. prom. 16 no. 7:57-58 Jl '62.

THEORY OF ERRORS see Errors, Theory of

THERAPEUTICS see subdivision under Moldavia

THERAPEUTICS—CONGRESSES
Plenum of the board of the All-Russian Society of Therapeutists. P. N. IUrenev, I. N. Rybkin. Kardiologiia 2 no. 4:91-93 Jl-Ag '62.

THERAPEUTICS, PHYSIOLOGICAL—CONGRESSES
Conference of representatives of the socialist countries on problems of coordination of research in the field of health resort therapy and physiotherapy. A. Bogoslovs Vop. kur., fizioter. i lech. fiz. kul't. 27 no. 3 278-282 My-Je '62.
First All-Russian Conference on Research and Practic of Pediatricians and Teachers on the Sanatorium and Health Resort Treatment of Children Z. I. Del'man, B. G. Lelits. Vop. okh. mat. i det. 7 no. 8:87-89 Ag '62
Scientific and practical conference of physiotherapists of Armenia. G. A. Chilingarian. Vop. kur., fizioter. lech. fiz. kul't. 27 no. 3:286-287 My-Je '62.

THERMAL ANALYSIS
Polythermal diagram of the system K_2SO_4 - KNO_3 - H_2O R. A. Gafushkina, A. G. Bergman Zhur. neorg. khim. no. 9:2251-2253 S '62
Thermal analysis of the ternary system carbamide - acetic acid - trichloroacetic acid I. M. Bokhovkin, Ol. I. Bokhovkina, E. O. Vitman Zhur. ob. khim 32 no. 8:2415-2418 Ag '62.
Thermographic investigation of the systems $NbOCl_3$ - NaCl and $NbOCl_3$ - KCl S. A. Shchukarev, E. K. Smirnova, T. S. Shemiakina Zhur. neorg. khim 7 no. 9 2217-2220 S '62
Unusual forms of water inclusions in minerals. N. V. Belov. Trudy IGEM no. 70:5-6 '62.

THERMAL STRESSES
Nonstationary thermal stresses in an anisotropic cylind A. I. Udaiev. Izv. vys. ucheb. zav.; av. tekh. 5 no. 3: 111-121 '62.
Temperature stresses in steampipes made with 12KhM steel in case of heating. D. P. Lizarov. Teploenerget 9 no. 10:59-61 O '62.

THERMIONIC EMISSION
Metals with increased resistance of the thermionic emission to the action of oxygen B. Ch. Dinbua, B. N. Popov. Radiotekh. i elektron 7 no. 9 1556-1565 S '62
Searching for emitters for thermionic energy converte Atom. energ. 13 no. 3 291-293 S '62.
Thermionic emission of tungsten alloys, titanium, and hafnium and its dependence on the pressure of oxygen B. Ch. Dinbua and others Radiotekh. i elektron 7 no. 9 1566-1573 S '62

THERMISTORS
Stabilization of the feed voltage of unbalanced bridge circuits with semiconductor thermistors for temperature measurements I. A. Kalinin Trudy TSNIM no. 48 111-127 '61

THERMOCOUPLES
High temperature semiconductor thermocouples Met. i gornorud. prom no. 3:90 My-Je '62.

THERMODYNAMICS
Calculation of the thermodynamic characteristics of potassium under temperatures up to 1,300°C and pressures up to 25 kilograms per square centimeter. M. Vukalovich, V. N. Zubarev, L. R. Fokin. Teploenerget 9 no. 10,65-72 O '62.
Thermodynamics of anisotropic superconductors [with summary in English]. V. L. Pokrovskii, M. S. Ryvkin. Zhur. eksp. i teor. fiz. 43 no. 1:92-104 Jl '62

THERMODYNAMICS—TABLES, CALCULATIONS, ETC.
Ryvkin, S. L. [Thermodynamic properties of air and combustion products of fuels] Termodinamicheskie svoistva vozdukha i produktov sgoraniia topliv. Izd. 2, ispr. i dop. Moskva, Gosenergoizdat, 1962. 102 p. diagrs.

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r

THERMOMETRY

Adaptation of a thermometer for measuring the intensity of ultrasonics. O. F. TSok Med prom 16 no. 7 49-52 Jl '62

THERMONUCLEAR REACTIONS

Kinetics of exothermic reactions between molecules and molecular ions [with summary in English] O. B. Firsov Zhur. eksp. i teor. fiz. 42 no. 5:1307-1310 My '62

THETA FUNCTIONS see Functions, Theta

THIADIAZINE

Use of hypothiazide in polyclinical practice. T. Z. Gurevich, I. IA. Karmazin, M. M. Tursova Klin. med. 40 no. 6:134-136 Je '62.

THIAMINE

Conditions of the biosynthesis of vitamin B_1 and its role in the physiological and biochemical processes of the cotton plant. L. A. Pollanskaia. Izv. AN Turk. SSR, Ser. biol. nauk no. 4:10-16 '62.

Some indices of the vitamin balance in arthritic patients. A. S. IAnkovskaia, A. Kh. Ozerov. Ortop., travm. i protez. 23 no. 6:29-33 Je '62.

Treatment of some skin diseases by the nasal electrophoresis of vitamin B_1. R. A. Shpektorova. Vest. derm. i ven. no. 3:81-83 '62.

Vitamin B_1 in the blood in desquamative erythroderma in children. F. A. Zver'kova. Vest. derm. i ven. no. 3:54-56 '62.

THIAZOLEMETHANOL

Pyridylthiazolylmethane series. Part 1. Synthesis and properties of 4-pyridyl-2'-thiazolylcarbinol. Formation of free radicals. V. G. Ermolaeva, M. N. Shchukina. Zhur. ob. khim. 32 no. 8 2664-2670 Ag '62.

THIOLS

Hemolytic action of thiol poisons. V. V. Sokolovskii. TSitologiia 4 no. 4,460-465 Jl-Ag '62

Properties of phosphorus acid amides. Part 5. Reaction of phosphoramidous and phosphonamidous acids with thiophenol and mercaptans. K. A. Petrov and others. Zhur. ob. khim 32 no. 9 3070-3074 S '62.

THIOPHENE—SPECTRA

Absorption spectra of the thiophene analogs of chalcone and their vinyl analogs. V. F. Ivanushin, S. V. TSukerman, V. M. Nikitchenko. Zhur. ob. khim 32 no. 8, 2677-2684 Ag '62.

THIXOTROPY

Laboratory testing of the thixotropic properties of clay soils. A. I. Lagoiskii. Vest. TSNII MPS 21 no. 6:30-32 '62.

THOREX, MAURICE, 1900-

A little about everything. Komm. Bel. 36 no. 9 78-79 S '62

THORIUM

(see also subdivision under Kazakhstan)

Extraction of thorium from hydrochloric and perchloric acid solutions by diisoamyl ester of methylphosphonic acid. V. D. Nikol'skii, M. F. Pozharskaia. Ekstr. i teor., prim., app. no. 2:160-164 '62

Separation of thorium from rare earths by tributyl phosphate extraction. G. E. Kaplan and others. Ekstr., teor., prim., app. no. 2:154-159 '62.

THORIUM COMPOUNDS

Preparation of mixed oxalate-carbonate complex compounds of thorium. L. N. Essen, D. P. Alekseeva. Dokl. AN SSSR 146 no. 2:380-382 S '62.

THROMBOPLASTIC SUBSTANCES

Changes in the activity of blood thrombokinase in malignant neoplasms under the influence of radiotherapy [with summary in English]. E. N. Markholenko. Vop. onk. 8 no. 8:25-29 '62.

THROMBOSIS

Initial experience with the treatment of thrombosis using a Soviet fibrinolysin [with summary in English]. E. I. Chazov, G. V. Andreenko. Kardiologiia 2 no. 4:59-64 Jl-Ag '62.

Significance of splenoportography in the diagnosis of thrombosis of the splenic vein. E. I. Chinchenko. Klin. khir. no. 7:70-72 Jl '62.

THRUSHES—DISEASES AND PESTS

Transovarian transmission of tick-born encephalitis virus antibodies in the fieldfare (Turdus pilaris L.) [with summary in English]. D. K. Lvov, R. L. Neumov. Med. paraz. i paraz. bol. no. 3:335-338 '62.

THURINGIA—ANABAPTISTS

A social movement in Muehlhausen, Thuringia, 1523-1525 [with summary in German]. H. Koeditz. Sred. veka no. 22:52-64 '62.

THYMUS GLAND

Thymus as a key for the transplantation of organs? V. Stepanov. Znan.-sila 37 no. 7:33 Jl '62.

THYROID GLAND

Effect of the removal of the thyroid gland on the endurance and the dehydration degree of tissues under conditions of acute overheating. A. A. Nepesov, E. P. Serebriakov. Izv. AN Turk. SSR, Ser. biol. nauk no. 3:60-62 '62.

THYROID GLAND—CANCER

Case of reticulosarcoma of the thyroid gland developing from Hashimoto's struma [with summary in English]. A. I. Kancevskaia, N. I. Nikitina. Vop. onk. 8 no. 8:80-81 '62.

TIBIA—DISEASES

Osteoepiphysiolysis of the distal epiphysis of the tibia. B. V. Blinov. Ortop., travm. i protez 23 no. 6 71-73 Je '62.

TIBIA—FRACTURE

Diaphyseal fractures of the bones of the shin and their treatment. N. I. Medvedeva. Trudy Len. gos. nauch.-issl. inst. travm. i ortop. no. 8:89-97 '61.

TICKS—EXTERMINATION

Control of Ixodes ticks, the transmitters of spring-summer tick-borne encephalitis. M. A. Smetanina. Kaz. med. zhur. no. 3:5-8 My-Je '62.

TICKS—HOST ANIMALS

Role of birds as hosts of ixodid ticks in the natural nidi of encephalitis in the forest zone [with summary in English]. E. I. Korenberg. Zool. zhur. 41 no. 8 1220-1225 Ag '62.

TICKS AS CARRIERS OF DISEASE

(see also subdivision under Altai Territory, Anzhero-Sudzhensk District; Crimea)

Characteristics of the clinical aspects of tick-borne encephalitis in childhood [with summary in French]. L. A. Mitrokhina. Zhur. nevr. i psikh. 62 no. 7:978-981 '62.

Data for the study of a focus of tick-borne encephalitis in Kalinin Province. A. A. Pchelkina. Med. parazit. i paraz. bol. no. 3:311-342 '62.

Spring-summer tick-borne encephalitis in the Tatar A. S. S. R. S. V. Chuvo. Kaz. med. zhur. no. 3:3-6 My-Je '62.

TIDES

Some methods of aquatic leveling in seas with mixed tides. K. N. Soloveichik. Trudy Dal'nevost. NIGMI no. 14:123-146 '62.

TIEN SHAN—CHROMIUM

Chromium mineralization in ultrabasites of the Tamdy massif. I. Kh. Khamrabaev, A. Musaev, G. G. Likhodev. Uzb. geol. zhur. 6 no. 4:87-90 '62.

TIEN SHAN—GEOLOGY, STRUCTURAL

Origin of the Alpine Tien Shan. A. I. Rybin. Uzb. geol. zhur. 6 no. 4 73-79 '62.

TIEN SHAN—GLACIERS

Zabirov, R. D., and IU. F. Knizhnikov. [Phototheodolite surveying of the Tien Shan glaciers during the I. G. Y.] Fototeodolitnaia s"emka lednikov Tian'-Shania v period MGG. Frunze, Izd-vo Akad. nauk Kirgizskoi SSR, 1962. 99 p. [With summary in English].

TIEN SHAN—ULTRABASITES

Chromium mineralization in ultrabasites of the Tamdy massif. I. Kh. Khamrabaev, A. Musaev, G. G. Likhodev. Uzb. geol. zhur. 6 no. 4 87-90 '62

TIFLIS—ELECTRONICS—RESEARCH

Automatic device for the recognition of spoken command signals. A. Kukuradze. Tekh. mol. 30 no. 9:6-7 '62.

TIFLIS—ENGRAVING

Readers relate, advise and criticize. Sov. profsoiuzy 18 no. 19 30-31 O '62.

TIKHONOV, NIKOLAI SEMENOVICH, 1896-

Heroes of the civil war in N. Tikhonov's poetry of the 1920's. E. I. Lazareva. Uch. zap. MGPI 172:43-60 '61.

TIKHOV, GAVRIIL ADRIANOVICH, 1875-1960

In memory of G. A. Tikhov (1875-1960). P. M. Gorshkov. Uch. zap. LGU no. 307:241-245 '62.

TILES

(see also subdivision under Kostroma)

Facing walls with polystyrene tiles. G. Etin. Zhil. stroi. no. 3:27 '62.

TILLAGE

(see also subdivision under Central Black Earth region, Moldavia)

Basic tillage for salinized soils in the Ukrainian S. S. R. N. N. Sambur, T. D. Katerynych. Nauk. pratsi Ukr. nauk.-doslid. inst. zem. 11:116-134 '61.

Problem of soil cultivation for lupine grown for green manure. N. M. Tyshchenko. Nauk. pratsi Ukr. nauk.-doslid. inst. zem. 11:86-90 '61.

Rototilling of heavy soils in row crop cultivation [with summaries in English, German, and French]. A. D. Chernenkov, I. G. Os'makov, N. S. Karavianskii. Vest. sel'khoz. nauki 7 no. 8:54-59 Ag '62.

Tulaikov, N. M. [For row crop cultivation and against grassland farming] Za propashnye kul'tury protiv travopol'ia; izbrannye stat'i. Moskva, Izd-vo MSKh RSFSR, 1962. 159 p.
(DNAL)

TIMAN RIDGE—FORAMINIFERA, FOSSIL

New species of Sakmara Foraminifera of the Timan-Pechora area. M. V. Konovalova. Paleont. zhur. no. 3:16-23 '62.

TIMAN RIDGE—GEOLOGY, STRATIGRAPHIC

A specific feature of Tartarian deposits of the Timan Ridge. V. A. Raznitsyn. Dokl. AN SSSR 146 no. 1: 187-189 S '62.

TIMAN RIDGE—PETROLEUM GEOLOGY

Izhma-Omra complex of the Timan Ridge. V. A. Raznitsyn. Geol. nefti i gaza 6 no. 8,56-60 Ag '62.

TIMBER—TRANSPORTATION

A barge equipped for rising submerged timber. N. Stiel'tsov. Les. prom. 40 no. 7,28-30 Jl '62.

Unsatisfactory standards. L. S. Alaev. Les prom. 40 no. 7,28-29 Jl '62.

TIMBER LINE see subdivision under Carpathian Mountains

TIME PERCEPTION

Call is counting seconds. V. Kovalevskii. Znan.-sila 37 no. 5 32-33 My '62

TIME SIGNALS

Oscillograph unit of the time service at the Astronomical Observatory of the Leningrad State University for the reception of radio signals [with summary in English]. IU. A. Razzhivin. Uch. zap. LGU no. 307:230-243 '62

TIN

Studying the cross-sectional shape of the Fermi surface of tin [with summary in English]. M. S. Khaikin. Zhur. eksp. i teor. fiz. 43 no. 1:59-65 Jl '62.

TIN—MAGNETIC PROPERTIES

Magnetic moment of the excited state of the Sn^{119} nucleus at an energy of 23.8 Kev. [with summary in English]. V. A. Bryukhanov, N. N. Delyagin, V. S. Shpinel'. Zhur. eksp. i teor. fiz. 42 no. 5:1183-1185 My '62.

Magnetic moment of superconducting tin films [with summary in English]. B. K. Sevast'ianov, V. A. Sokolina. Zhur. eksp. i teor. fiz. 42 no. 5:1212-1216 My '62.

TIN ALLOYS—CORROSION

Investigating corrosion resistance of indium-tin-thallium alloy. I. D. Vdovenko, N. A. Bogacheva. Mashinostroenie no. 4:70-72 Jl-Ag '62.

TIN ORGANIC COMPOUNDS

Reaction of hexaethylditannane with halo derivatives. G. A. Razuvaev, IU. I. Dergunov, N. S. Vinyankin. Zhur. ob. khim. 32 no. 8:2515-2520 Ag '62

Synthesis and study of organic stannoxanes. Part 2. S. M. Zhivukhin, E. D. Dudikova, E. M. Ter-Sarkisian. Zhur. ob. khim 32 no. 9 3059-3061 S '62.

TINNING

Adoption and the industrial production of coiled tinned steel sheet having a thickness of 0.20 mm. V. A. Gamershtein, V. T. Tilik. Met. i gornorud. prom. no. 4, 74-76 Jl-Ag '62.

TIRES, RUBBER

Determining the adhesive capacity factor of an elastic tire on a deformable surface. V. M. Semenov, R. G. Armadorov. Avt. prom. 28 no. 10:13-16 O '62.

Tugov, I. I. [Problems in the utilization of worn-out tires; complete reclaiming by the swelling method and secondary use of polymer materials from worn-out tires] Problemy ispol'zovaniia iznoshennykh shin, kompleksnaia regeneratsiia metodom nabukhaniia i vtorichnoe ispol'zovanie polimernykh materialov iz iznoshennykh shin. Moskva, Rostekhizdat, 1962. 368 p.

Verbitskii, I. I. [Use and repair of motor-vehicle tires in lumbering enterprises] Eksploatatsiia i remont avtomobil'nykh shin v usloviiakh lesozagotovitel'nykh predpriiatii. Moskva, Goslesbumizdat, 1962. 163 p.

TIRES, RUBBER—RETREADING AND RECAPPING

Regulations for the reconditioning of tires. Avt. transp. 40 no. 9:60 S '62.

TIROL—HISTORY

A peasant assembly in Innsbruck, June 12-July 21, 1525 [with summary in German]. J. Macek. Sred. veka no. 22:65-85 '62.

TISSUE CULTURE

Data on the study of the etiology of chronic pemphigus in a tissue culture [with summary in English]. L. N. Kisliakova and others. Vest. derm. i ven. no. 8:25-29 '62.

Dynamics of glycogen in cells cultivated outside the organism. L. P. Izakova. TSitologiia 4 no. 4:427-433 Jl-Ag '62.

Internal organization of physiological processes in plants and the new principles of plant growing. A. L. Kursanov. Vest. AN SSSR 32 no. 9:49-67 S '62.

Strain of malignant cells obtained through the prolonged cultivation in vitro of normal kidney tissue from mice of the A/SN line. M. IA. Chumakova and others. Vop. onk. 8 no. 8:51-57 '62.

TISSUE EXTRACTS

Dynamics of growth of the liver in a chicken embryo when stimulated by homologous tissue extract. G. D. Tumanishvili, D. D. Tabidze. Dokl. AN SSSR 146 no. 1: 246-249 S '62.

TISSUE EXTRACTS (Continued)

Use of tissue biostimulators. S S. Zhilin. Trudy Rost NIVS no.12:212-213 '60.

Use of tissue biostimulators at "Proletarskii" state sheep breeding farm. N. M. Svistunov Trudy Rost NIVS no.12:208-209 '60.

Use of tissue biostimulators for fattening swine. I M Gladkov. Trudy Rost NIVS no.12:210-211 '60.

TISSUE METABOLISM

Trophic function of the nervous system. E. Gutmann. Usp. sovr. biol 53 no. 3 323-346 My-Je '62.

TISSUES—PRESERVATION

Study of the histological changes in cadaver skin during the process of its preservation in solutions. A.G.Fedotenkov, L. A. Dantlova, L. D Popova. Probl. gemat i perel. krovi no. 6 44-47 '62

TITANIUM

(see also subdivision under Sverdlovsk region)

Titanic enamels with a low TiO_2 content. V. V Vargin, G. P. Smirnova. Stek. i ker. 19 no 8:35-37 Ag '62.

TITANIUM—CORROSION

Effect of tungsten on the oxidation of titanium. D. I. Lainer, E. N. Slesareva. Fiz. met. i metalloved. 14 no. 3:400-405 S '62.

TITANIUM COMPOUNDS

Colorless salicylate complexes of titanium. A K. Babko, A. I Volkova, T E Get'man. Zhur. neorg. khim 7 no 9:2107-2112 S '62

TITANIUM-IRON-MOLYBDENUM ALLOYS see Iron-molybdenum-titanium alloys

TITANIUM ORES

How they prospect for titanium. A. Galin. Zhan.-sila 37 no. 6:31-32 Je '62.

TITANIUM OXALATE

Complex titanium oxalates. B. V. Strizhkov and others. Zhur. neorg khim. 7 no. 9:2101-2101 S '62

TITANIUM OXIDE CRYSTALS

Effect of the covalent bond in a titanium dioxide crystal on the dielectric permeability value. N. P. Bogoroditskii, I. A. Mitiureva, I. D. Fridberg. Fiz. tver. tela 4 no. 9:2393-2396 S '62.

TITANIUM-TUNGSTEN-HAFNIUM ALLOYS see Tungsten-titanium-hafnium alloys

TITOV, I

From the fleet to art. I. Titov. Sov. voin 44 no. 19 18 O '62.

TIUMEN'—ARCHITECTURE

Notes on monuments of the architecture of Tiumen' A. M Prihytkova Arkhit nas 14 193-202 '62

TIURIN, IVAN VLADIMIROVICH, 1892-1962

I. V. Tiurin, an obituary. Vest. AN SSSR 32 no. 9:120 S '62.

TKVARCHELI REGION—COAL GEOLOGY

Lithology of coal-bearing sediments in the northern run of the Tkvarcheli coal deposit [in Azerbaijani with summary in Russian] N. I. Skhirtladze, I. D. Chechelashvili. Trudy Geol. inst. AN Gruz. SSR, Min. i petr. ser. 0:107-136 '61.

TOBACCO—FERTILIZERS AND MANURES see subdivision under Azerbaijan

TOBACCO BREEDING

Possibility of predicting heterosis in tobacco [with summaries in English, German, and French]. V. I. Chirkovskii. Vest. sel'khoz. nauki 7 no. 6:140-143 Je '62.

TOBILEVYCH, IVAN KARPOVYCH, 1845-1907

"Works in three volumes" by I. Karpenko-Karyi (I. K. Tobilevych). Reviewed by V. M. Povazhna. Rad. lit. 6 no. 5:137-140 S-O '62.

TOBOL'SK—ARCHITECTURE

Structures designed and built by Semen Remezov in Tobol'sk V. V Kirillov Arkhit. nas 14 109-124 '62.

TOGUZ-TOROUSKIY DISTRICT—ECONOMIC GEOGRAPHY

Toguz-Torouskiy District, Tien Shan Province; concise economic and geographical study. N. Derkembaev Izv. AN Kir. SSR, Ser. est. i tekh. nauk 3 no 5:55-68 '61.

TOLERANCE (ENGINEERING)

Obshadko, B. I. [Theory of tolerances and fits. Checking and measuring instruments and the techniques of measurement, methodological manual] Poniatie o dopuskakh i posadkakh. Kontrol'no-izmeritel'nye instrumenty i tekhnika izmerenila; metodicheskoe posobie. Moskva, Profitekhizdat, 1962. 59 p.

TOLOCHIN DISTRICT—FLAX

We spare no efforts. V. N. Miklukh. Rab. i sial. 38 no. 9:4 S '62.

TOLSTOI, ALEKSEI NIKOLAEVICH, 1882-1945

Shcherbakova, I. I. [M. Gorkii and A. Tolstoi in Berlin, 1921-1923, materials for the special seminar "Works of A. N. Tolstoi."] M. Gor'kii i A. Tolstoi v Berline, 1921-1923 gg.; materialy k spetsseminaru Tvorchestvo A. N. Tolstogo. Sverdlovsk, Ural'skii gos. univ., im. A. M. Gor'kogo, 1961. 10 p. (MH)

TOLSTOI, LEV NIKOLAEVICH, 1828-1910

L. Tolstoi's creative method and world outlook as typified in tales written during the final stage of his career. E. Magazannik. Trudy UzGU no. 112:37-59 '61.

L. N. Tolstoi's work on revised texts of Russian byliny. N. V. Vodovozov. Uch. zap. MGPI 178:83-121 '62.

Some new data on a hero of L. Tolstoi's novel "War and peace." S. D Skazkin Vop lit no. 9:199-201 S '62.

TOLUENE

Cycloalkylation of aromatic compounds Part 22: Alkylation of toluene and mesitylene by cyclohexanol N. G. Sidorova, L. I. Karteseva Zhur. ob khim 32 no 9:2785-2789 S '62.

TOM' VALLEY—CITY PLANNING

Well-built apartments for miners E Zhuravlev Sov. shakht 11 no. 9:24-26 S '62

TOM' VALLEY—ICE ON RIVERS, LAKES, ETC.

"River ice conditions of the Tom' Basin" by IA. I Marusenko. Reviewed by A. I. Chebotarev, V. N. Glubokov, and V. M. Lylo. Meteor. i gidrol. no. 10:52-56 O '62.

TOMATO BREEDING

Effect of a preliminary mentor plant on the alteration of morphological characters in tomatoes. A. IA. Cherepanova. Sbor. trud. asp. i mol. nauch. sotr. VIR no. 1:207-212 '60.

TOMATOES

New developments in the techniques of carrot and tomato culture. V. F. Kireev. Kons. i ov. prom. 17 no. 10 23-24 O '62.

TOMATOES, CANNED see subdivision under Dzhankoy

TOMSK PROVINCE—EVENING AND CONTINUATION SCHOOLS

Workmen become engineers. K. TSytsarev. Sov profsoiuzy 18 no 19 23-25 O '62.

TOMSK PROVINCE—GEOLOGY, STRUCTURAL

Tectonic pattern of the Tom'-Yaya interfluve based on the results of aeromagnetic survey. A. M. Zagorodnov, N. M. Smirnov. Trudy SNIIGGIMS no. 17:86-92 '61

TOMSK PROVINCE—OLD-AGE HOMES

They have taken measures but... Sots. obesp. 23 no. 7-42 Jl '62

TOMSK PROVINCE—TRADE UNIONS

Workmen become engineers. K. TSytsarev. Sov profsoiuzy 18 no. 19:23-25 O '62

TOMSK REGION—CLAY

Stratigraphy and age of clay schists in the surroundings of Tomsk. P. N. Benediktova, K. V. Ivanov, V. A. Muromtseva. Trudy SNIIGGIMS no. 8:100-126 '60.

TOMSK REGION—PALEONTOLOGY, STRATIGRAPHIC

Stratigraphy and age of clay schists in the surroundings of Tomsk. P. N. Benediktova, K. V. Ivanov, V. A. Muromtseva. Trudy SNIIGGIMS no. 8:100-126 '60.

TONGUE

Study of the absorptive capacity of the mucous membrane of the tongue, an experimental study A. I. Marchenko. Stomatologiia 41 no. 4 29-32 Jl-Ag '62.

TONKIN, GULF OF—SERPENTS

Sea snakes Hydrophiidae in the Gulf of Tonkin (North Vietnam) [with summary in English] V. P. Shuntov. Zool. zhur. 41 no. 8 1203-1209 Ag '62.

TONSILS—BLOOD SUPPLY

Internal vascularization of the palatine tonsils in man [with summary in English]. K. A. Malidzazova. Vest. otorin. no. 5:22-27 '62.

TONSILS—DISEASES

Isolation of 17-ketosteroids from the daily urine in chronic tonsillitis. V. Z. Pushkin, V. N. Lebedev. Vest. otorin. no. 5:27-30 '62.

Lopotko, IA. Angina. Leningrad, Medgiz, 1962. 15 p. (DNLM)

TOOL STEEL

New die steels for forging. P. G. Shishlakov. Kuz.-shtam. proizv. 4 no. 9:8-10 S '62.

TOPOGRAPHIC MAPS

Podobedov, N. S. [Topographic mapping] Topograficheskoe kartografirovanie. [Moskva] Geodezizdat, 1962. 264 p.

Studying the influence of the scale of a topographic map upon the accuracy of determining morphometrical indices. I. M. Kyslyi. Geog. zbir. no. 6:152-156 '62.

TOPOLOGY

Completeness and 6*-completeness of normalized and linear topological structures A. I Veksler Izv vys. ucheb. zav., mat no 3:22-30 '62.

Conditions of induction on abstract sets L. M Rybakov Uch. zap. IAt. gos ped. inst no 34 175-179 '60

Different types of convergence of cubature and quadrature formulas. S. L. Sobolev. Dokl. AN SSSR 146 no. 1 11-42 S '62.

Impossibility of isometric imbedding of certain manifolds with a negative Gaussian curvature into three-dimensional Euclidean space. N. V. Efimov. Dokl. AN SSSR 145 no 2:298-299 S '62

On the existence of finite convex polyhedra with given boundaries and set vertex curvatures A A Zil'berberg Izv. AN Kazakh SSR, Ser. mat. i mekh. no. 10:30-40 '62

Some problems concerning the topology of plane algebraic curves. D. A. Gudkov. Mat. sbor. 58 no. 1:95-127 S '62.

Unions of strongly paracompact spaces. V. Tinkova. Dokl. AN SSSR 146 no. 1:43-45 S '62.

TORTS

Legal regulation of torts. N. S. Malein Sov. gos i pravo 32 no. 10 68-76 O '62.

TOT'MA—ARCHITECTURE

Monuments of the architecture of the 18th century in Tot'ma P. A Tel'tevskii Arkhit nas 14 203-210 '62

TOURISM see subdivision under Transcarpathia

TOURISM—ABSTRACTS

[Regional studies] Ref. zhur. Otd. vyp. 35: Kraeved. no. 10 O '62.

TOURMALINE see subdivision under Gornaya Shoriya

TOWING

Barge operations without crews. V. Gorbunov. Rech. transp. 21 no. 9:11 S '62.

Determining actual stresses and the sag of tugboat ropes during towing. V. M. Beklemishev. Biul. Upr. Glav. rev. po bezop. moreplav. no. 13 19-52 '59.

TRACE ELEMENTS

(see also subdivision under Urup Valley)

"Distribution of minor elements in caustobioliths, organisms, sedimentary rocks, and formation waters" by D. I. Zul'fugarly. Reviewed by I. S. Burkaev. Geol. zhur. 22 no. 4:107-108 '62.

Effect of some trace elements on the biological activity of Clostridium perfringens during cultivation on a casein hydrolysate medium. L. S Dinevich Trudy MIEMG no. 5:70-86 '61.

Fourth All-Union Conference on the Use of Trace Elements in Agriculture and Medicine. V. A. Kapitanchuk. Visnyk sil'hosp. nauky 5 no. 8:121-123 Ag '62.

Thermodynamic calculation of the coefficients of the distribution of isomorphic admixtures in silicate systems [with summary in English]. I. D. Riabchikov. Geokhimiia no. 8:720-731 '62.

Trace element content of typical Sierozem and meadow soils. A. M IAkubov, N. N. Veligorskaia, M. E Uzanbaeva. Vest. sel'khoz nauki [Kazakh.] 5 no. 7:43-51 Jl '62.

Using the ACS biogenic stimulator together with traces elements (cobalt and iodine) for eliminating sterility in cows. V. S. Kozlov, F. M Zakharov, E. IA. Gebgard Vest. sel'khoz. nauki [Kazakh.] 5 no. 7:89-91 Jl '62.

TRACK ATHLETICS

General conclusion from our experience in the training of the will of track athletes. A. A. Filippov. Probl. psikhol. sporta no. 2:219-225 '62.

Psychological analysis of the difficulties in track athletics. O. M. Tutundzhian. Probl. psikhol. sporta no. 2: 213-218 '62.

Psychological characteristics of the difficulties, and the surmounting of them, in long distance and marathon running and in walking. A. S. Egorov. Probl. psikhol. sporta no. 2:226-233 '62.

Semenov, D. A., ed. [Track athletics] Legkaia atletika. Moskva, Izd-vo "Fizkul'tura i sport," 1962. 371 p.

Study of the methods for training the will in select teams of track athletes. L. V. IUrasov. Probl. psikhol. sporta no. 2:205-212 '62.

TRACTOR INDUSTRY

(see also subdivision under Rubtsovsk; Volgograd)

Organization of the specialized production of spare parts for tractors. G. V. Shchapov. Trudy KhPI 22 no. 2:0-18 '59.

TRACTOR INDUSTRY—TECHNOLOGICAL INNOVATIONS see subdivision under Leningrad

TRACTORS

Concerning the operation of tractors with mounted equipment. IU. D. Egorov, B. L. Magerillo, M. M Pozin. Trakt. i sel'khozmash. 32 no. 10:7-10 O '62.

Effect of the increase in operating speed on the efficiency and power parameters of future agricultural tractors. E. M. Mindell. Trakt. i sel'khozmash. 32 no. 10:1-4 O '62.

TRACTORS (Continued)

Experience in operating the T-40 tractor with air cooled engine. IA. I. Kuvshinov, A V Srebrianskii, V P Orebnev. Trakt i sel'khozmash 32 no 10 5-7 O '62

Modernization of the control mechanism of the D-51A diesel tractor G M. Shevtsov. Trakt. i sel'khozmash 32 no 10:44 O '62

Ponomarev, O P [Modern fuel-feed systems for diesel engines for trucks and tractors, review] Sovremennaia toplivopodaiushchaia apparatura avtotraktornykh dizelei, obzor Pod red. S A. Vasil'eva. Moskva, TSentr. in-t nauchno-tekhn informatsii mashinostroeniia, 1961 98 p

Selecting the rigidity of elastic links in the dynamometry of farm tractors [with summary in English]. V. P. Koslinkov. Izv. TSKHA no. 2, 222-226 '62.

Use of powder metallurgy products in the manufacture of tractors E E Verner , A M Umanskii, B. D Gurevich Trakt i sel'khozmash. 32 no 10 42-44 O '62

TRACTORS—ABSTRACTS

[Tractors and agricultural machinery] Ref. zhur. Otd. vyp. 44: Trakt. i sel'khoz. mash. nos. 17, 19-20 S-O '62.

TRACTORS—ELECTRIC EQUIPMENT

Russia (1923- U.S.S.R.) Gosudarstvennye komitet po koordinatsii nauchno-issledovatel'skikh rabot. [Electric equipment and instruments for automobiles and tractors; reference catalog] Avtotraktornoe elektro-oborudovanie i pribory; katalog-spravochnik. Moskva, TsINTIMASH.
Pt. 2. 1962. 378 p.

TRACTORS—ENGINES—TESTING

Zhdanovskii, N. S. , and A. I. Zuev. [Testing and running in of tractor engines without braking (under operating conditions)] Bestormoznaia proverka i obkatka traktornykh dvigatelei (v eksploatatsionnykh usloviiakh). Leningrad, Sel'khozizdat, 1962. 53 p. (DNAL)

TRACTORS—LUBRICATION

Properties of diesel oils in the operation of tractor engines [with summary in English]. N. I. Itinskaia, A. V. Kuznetsov. Izv. TSKHA no 2, 115-130 '62.

TRACTORS—REPAIRING

A stand for breaking down and assembling the supporting rollers of a tractor L IA Liutenko Trakt i sel'khozmash. 32 no. 10 45-46 O '62

TRACTORS—STANDARDS

State standard for coupling dimensions of saddle tractors and semitrailers. L. Martsynovskii, IU. Sorochan. Avt. transp. 40 no. 9 30-40 S '62.

TRADE UNIONS
(see also subdivision under Czechoslovkaia, Great Britain; India, Kemerovo region; Latvia, Moldavia, Rakitnoye District (Kiev Province); Stepnoy; Tomsk Province; United States, Vietnam, North)

Behind comrades' back, A. Gimt. Sov. profsoiuzy 18 no. 18; 20-21 S '62.

D. Gross, General Secretary of the International Trade Union of Electrical Communications Workers has visited the Soviet Union. Vest. svinzi 22 no 9; 32 S '62

Disseminate the practice of the best among all trade-union organizations. Sov. profsoiuzy 18 no. 18; 2-4 S '62.

Follow-up of our materials. Sov. profsoiuzy 18 no. 18; 47 S '62.

Improve methods of guidance by the standing production conferences in prospecting organizations. A. A. Iniushkin Razved i okh. nedr 28 no. 9 63-64 S '62.

In the Presidium of the Central Committee of the trade union. Sov. shakh. 11 no. 10; 22-24 O '62.

Latysheva, A. V. [Controlling the carrying out of work by the factory and plant local committee] Proverka ispolnenia v rabote fabzavmestkoma. [Moskva] Profizdat, 1962, 62 p. (Bibliotechka profsoiuznogo aktivista, no. 17(41))

Readers relate; advise and criticize. Sov. profsoiuzy 18 no. 19 30-31 O '62.

Readers relate, advise and criticize. Sov. profsoiuzy 18 no. 18; 32-33 S '62.

Second Plenum of the Central Committee of the Trade Union of Prospecting Workers A I Smirnov Razved i okh nedr 28 no 9 61-63 S '62

Towards communist self-rule. N. Kuznetsov. Sov shakht. 11 no. 9, 3-4 S '62

Trade-union group is an educator of the collective. O. Vasil'eva. Sov. profsoiuzy 18 no 18; 15-18 S '62

TRADE UNIONS—CONGRESSES

Raise the banner of socialist competition higher! 3d Congress of the Trade Unions of Workers in the State Commerce and Consumers' Cooperatives Obshchestv pit. no. 6, 5-7 Je '62.

TRADE UNIONS—OFFICERS
(see also subdivision under Chechen-Ingush A. S. S. R.; Kaliningrad Province; Kurgan Province; Poltava Province; Volgograd Province; White Russia)

Answers to activists' questions. Sov. profsoiuzy 18 no. 18; 18-19 S '62.

Thus, it will soon be time to make my report.... M. Shitikova Sov. profsoiuzy 18 no 18, 9-12 S '62.

TRAFFIC ACCIDENTS

Status of the problem of automobile accidents, the way for its further study and its prevention V. I Prozorovskii Sud.-med ekspert 5 no 3:9-16 Jl-S '62

TRAFFIC ENGINEERING

Streets and paths in housing areas. V. S. Antoshchenkov. Stroi i arkhit. Len 24 no. 2:28-32 F '62

TRAFFIC REGULATIONS
(see also subdivision under Moscow)

Accurate definitions and clearness are the most important factors. V. Popov. Avt. transp. 40 no. 9 17-18 S '62.

More accurate definitions are needed D. Burov Avt. transp. 40 no. 9 46-47 S '62.

TRAFFIC SAFETY

Activity of a voluntary inspector of motor vehicles. M Biraslavskii. Avt transp 40 no. 9 44-45 S '62.

Cohesion properties of the pavement and traffic safety on highways. L. S. Stetsiuk, M. A Parshin. Avt. dor. 25 no. 9 3-5 S '62.

Increase traffic safety systematically. A. K. Birulia. Avt. dor. 25 no 9 1-2 S '62.

Profsoiuz rabochikh i sluzhashchikh sel'skogo khoziaistva i zagotovok, TSentral'nyi komitet. [Safety regulations for motor vehicle drivers] Pamiatka po tekhnike bezopasnosti dlia shoferov. Moskva, Sel'khozizdat, 1962 35 p.

Providing safety for pedestrians on highways. B Lekar', Avt. dor. 25 no. 9 8-9 S '62.

TRAFFIC SIGNS AND SIGNALS

Belashov, V. L. , and A. S. Gridunov. [Road signs with light-reflecting surface] Dorozhnye znaki so svetootrazhaiushchei poverkhnost'iu. Moskva, Avtotransizdat, 1962 18 p

TRAGIC, THE

"On the tragic" by IUrii Borev. Reviewed by A. Zis' Vop lit 6 no 9 214-216 S '62

"The tragic" by IUrii Borev. Reviewed by P. S. Trofimov. Vop filos. 16 no. 9; 176-180 '62.

TRANS-ILI ATA-TAU—ORE DEPOSITS

A case of selective mineralization. N I. D'bantuganov. Uzb. geol. zhur 6 no. 4; 80-83 '62.

TRANSAMINASES

Serum transaminase activity in children with rheumatic fever. V. P. Cherniuk, E. K. IUzefovich Vop. okh mat. i det. 7 no. 8; 37-41 Ag '62.

TRANSBAIKALIA—ANTIQUITIES

A stone with carved reindeers from Transbaikalia. P. P Khoroshikh, Sov. arkheol. 6 no. 3 291-293 '62.

TRANSBAIKALIA—CORN (MAIZE)

Lisichnikov, A. G. [Corn came to Transbaikalia] Kukuruza prishla v Zabaikal'e. Moskva, Sel'khozizdat, 1962. 40 p. (DNAL)

TRANSBAIKALIA—FLUORITE

IAkzhin, A. A. [Characteristics of the distribution and formation of fluorite deposits in Transbaikalia] Zakonomernosti razmeshchenila i formirovanila fluoritovykh mestorozhdenii Zabaikal'ia. Moskva, Gosgeoltekhizdat, 1962. 249 p.

TRANSBAIKALIA—PALEOBOTANY, STRATIGRAPHIC

Prinada, V. D. [Mesozoic flora of Eastern Siberia and Transbaikalia] Mezozoiskaia flora Vostochnoi Sibiri i Zabaikal'ia. Pod red. A. I. Turutanovoi-Kotovoi. Moskva, Gosgeoltekhizdat, 1962. 367 p.

TRANSBAIKALIA—RAILROADS—SIGNALING

At a leading railroad district in Transbaikalia. Sh. P. Strichevskii. Avtom., telem. i sviaz' 6 no. 9; 21-24 S '62.

TRANSCARPATHIA—CARDIIDAE, FOSSIL

Some cardiids from the Sarmatian of Transcarpathia [with summary in English, p. 171]. G. N. Grishkevich. Paleont. sbor. [Lvov] no. 1; 29-39 '61.

TRANSCARPATHIA—ECONOMIC CONDITIONS

Kolomiets, I. G. [Socioeconomic relations and social movements in Transcarpathia in the second half of the 19th century] Sotsial'no-ekonomicheskie otnoshenila i obshchestvennoe dvizhenie v Zakarpat'e vo vtoroi polovine XIX stoletiia. Tomsk, Izd-vo Tomskogo univ,
Vol. I. [Agriculture and agrarian relations] Sel'skoe khoziaistvo i agrarnye otnoshenila. 1961. 403 p.

TRANSCARPATHIA—FORAMINIFERA, FOSSIL

Sarmatian arenaceous foraminifers of Transcarpathia [with summary in English, p. 172]. I. V. Vengliuskii. Paleont. sbor. [Lvov] no. 1; 91-95 '61.

TRANSCARPATHIA—GEOLOGY, STRATIGRAPHIC

Stratigraphic pattern of the Cretaceous of the Ukrainian Carpathians. IA. O. Kul'chitskii, A. V. Maksimov. Dokl. AN SSSR 146 no. 1; 175-178 S '62.

TRANSCARPATHIA—GEOMORPHOLOGY

Relation of the relief and recent tectonics with structural forms in the northeastern part of the Upper Tissa Depression, Transcarpathia. I. N. Kudrin. Geog. zbir. no. 6; 31-37 '62.

TRANSCARPATHIA—HEMP

Valuable hemp specimens from Transcarpathia. G. G. Davidian. Sbor. trud. asp. i mol nauch sotr VIR no 1; 198-200 '60

TRANSCARPATHIA—KARST

Some karst forms of the Solotvino rock salt deposit G V Korotkevich Nov. kar. i spel. no. 2; 57-59 '61.

TRANSCARPATHIA—LAND TENURE

Kolomiets, I. G. [Socioeconomic relations and social movements in Transcarpathia in the second half of the 19th century] Sotsial'no-ekonomicheskie otnoshenila i obshchestvennoe dvizhenie v Zakarpat'e vo vtoroi polovine XIX stoletiia. Tomsk, Izd-vo Tomskogo univ.
Vol. I. [Agriculture and agrarian relations] Sel'skoe khoziaistvo i agrarnye otnoshenila. 1961. 403 p.

TRANSCARPATHIA—OSTRACODA, FOSSIL

Some new species of ostracods from Sarmatian and Pannonian sediments of Transcarpathia [with summary in English, p. 173-174]. V. G. Sheremeta. Paleont. sbor. [Lvov] no. 1; 113-120 '61.

TRANSCARPATHIA—PALEOBOTANY, STRATIGRAPHIC

Tortonian flora of Swoszowice and Pliocene flora of Transcarpathia. I. A. Il'inskaia Paleont zhur. no. 3 102-110 '62.

TRANSCARPATHIA—PHYSICAL GEOGRAPHY

Physicogeographical features of the tourist route "Across the Carpathian woodlands." I. K. Kolovach. Geog zbir. no. 6; 165-175 '62.

TRANSCARPATHIA—POTATO BEETLE

Diapause and hibernation of the first generation of the Colorado beetle (Leptinotarsa decemlineata Say in various soil types [with summary in English] R. S Ushatinskaia, E F Kozarzhevskaia Zool zhur. 41 no 8 1166-1171 Ag '62.

TRANSCARPATHIA—ROCKS, IGNEOUS—MAGNETIC PROPERTIES

Geological interpretation of the results of geophysical studies of the Vygorlat-Gutinskiy volcanic ridge. V. G. Lizanets, V. I. Khomenko. Geofiz. sbor. no. 3; 120-128 '62.

TRANSCARPATHIA—TOURISM

This was in Transcarpathia. V Golyshkin. Nar. obr no 8 94-96 Ag '62

TRANSCARPATHIA—WINE AND WINE MAKING

Use of Gorb bentonite in the making of white table wine in Transcarpathia. V. I. Zinchenko. Khar. prom. no. 2; 22-24 Ap-Je '62.

TRANSCAUCASIA—POLITICS AND GOVERNMENT

Struggle of the Caucasian office of the Central Committee of the CPSU for the unification of Soviet Republics of Transcaucasia. I. IA. Kopylov. Uch. zap. LGPI 17, 27-52 '62.

TRANSDUCERS

Inertness of an electrolytic equalization transducer. V. IU. Torochkov. Izv. vys. ucheb. zav. prib. 5 no. 5; 86-89 '62.

Time transducer for low-speed plotting by MPO-2 oscillograph. IU. Z. Borkovskii. Trudy Inst. cheln. met. AN URSR 18; 95-96 '62.

Use of e. m. f. Hall transducers for registering power. V. V. Tikov. Vest. elektroprom 33 no 10; 68-70 O '62.

TRANSFORMATIONS (MATHEMATICS)

Lie transformations in non-Euclidean planes. Z. A. Skopets Uch. zap LA. gos. ped. inst no. 34 201-215 '60

TRANSIENTS (ELECTRICITY)

Use of digital computers in the calculation of transient processes in electrical systems. V. A. Venikov, V. V. Ezhkov, S. V. Strakhov Elektrichestvo no. 9; 7-14 S '62.

TRANSISTOR AMPLIFIERS

Internal and external feedback in transistor amplifiers. G. V. Voishvillo. Radiotekhnika 17 no. 9; 24-34 S '62.

Noise consideration in the choice of transistors. L. G. Lishin. Trudy VNAIZ no. 9; 81-85 '61.

Stable IF amplifiers without neutralization. V. Tellalnikov. Radio no. 9; 25 S '62.

Transistor amplifier with high input impedance. I. Kopustin. Radio no. 9; 25 S '62.

TRANSISTOR CIRCUITS

Kutukov, L. V., and D. I. Obidin. [Direct coupled networks] Skhemy s neposredstvennymi sviaziami. Moskva, ITM i VT AN SSSR, 1962, 38 p. (Elektronnye vychislitel'nye mashiny) [With summary in English]

TRANSISTOR OSCILLATORS see Oscillators, Transistor

TRANSISTORS

Noise consideration in the choice of transistors. L. G. Lishin. Trudy VNAIZ no 9:81-85 '61.

Olifirenko, G. I. [An oscillographic device and cathode-ray curve tracer arrangement for studying the volt-ampere characteristics of transistors, verbatim report of lectures] Ostsillograficheskaia ustanovka-kharakteriograf dlia issledovaniia vol'tampernykh kharakteristik poluprovodnikovykh triodov, stenogramma lektsii Leningrad, 1962. 26 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Seriia Pribory i elementy avtomatiki)

Parameters and equivalent circuits of transistors. IA. Fedotov. Radio no. 9, 33-36 S '62.

Replacement of transistors. Radio no. 9 58 S '62.

Transverse cathode conductivity of crystals and thin films of A^{II} and B^{VI} type compounds. M V Kot, A B Simashkevich. Radiotekh i elektron 7 no 9 1672-1679 S '62

Use of the storage effect for measuring the life of minority current carriers. V V Borzenko, I A Ryzhak. Izv. vys. ucheb zav., radiotekh. 5 no 3, 388-390 My-Je '62.

TRANSISTORS—COOLING

Methods of selecting and calculating heat sinks for transistors. A. Karapetian. Prom. Arm. 5 no 9:49-53 S '62.

TRANSISTORS—MEASUREMENT

Conversion of the Ts-20 volt-ammeter. R. Rutkovskii. Radio no. 9:47 S '62.

Kutukov, L. V., and D. I. Obidin. [Direct coupled networks] Skhemy s neposredstvennymi sviaziami. Moskva, ITM i VT AN SSSR, 1962. 38 p. (Elektronnye vychislitel'nye mashiny) [With summary in English]

The TT-1 and Ts-20 volt-ammeters. A. Makedonskii. Radio no. 9:46-47 S '62.

TRANSISTORS—TESTING

Avometers for checking transistors. Radio no. 9 46 S '62.

TRANSIT INSTRUMENTS

Conclusion of a four-year series of observations on a photoelectric transit instrument and preliminary results [with summary in English]. A. V. Shiriaev, M. P. Mishchenko. Uch. zap. LGU no. 307:210-229 '62.

TRANSITION METALS

Parameters of the reactive diffusion of boron and carbon in high-melting transition metals. G. V. Samsonov, A. P. Epik. Fiz. met. i metalloved. 14 no. 3:479-480 S '62.

TRANSITION METALS—MAGNETIC PROPERTIES

Electron theory of transition metals. Part 2. S. V. Vonsovskii, Iu. A. Izumov. Usp. fiz. nauk 78 no. 1: 3-52 S '62.

TRANSPLANTATION OF ORGANS, TISSUES, ETC.

Immunity in reverse. N. Shiller, Iu. Shishina. Znan.-sila 37 no. 7:31-33 Jl '62.

Thymus as a key for the transplantation of organs? V. Stepanov. Znan.-sila 37 no. 7:33 Jl '62.

Transplantation of hemopoietic tissues. V. A. Revis. Fel'd. i akush. 27 no. 7:56-59 Jl '62.

TRANSPORT OF SICK AND WOUNDED

Role of subprofessional medical personnel in the transportation of patients. L. A. Oleinik. Med. sestra 21 no. 8:46 Ag '62.

TRANSPORTATION

(see also subdivision under Hungary)

Bal'makova, I. K. [Organization of transportation in the operational production lines of housing construction combines] Organizatsiia raboty transporta na tekhnologicheskikh liniiakh domostroitel'nykh kombinatov. Leningrad, 1962. 37 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia: Stroitel'naia promyshlennost', no. 8)

Beacons of construction for the transportation industry. Transp. stroi. 12 no. 8:3-6 Ag '62.

Comprehensive development of a unified transportation system in the U. S. S. R. T. Khachaturov. Vop. ekon. no. 9:20-30 S '62.

Do more today - have more tomorrow! Transp. stroi. 12 no. 8:1-2 Ag '62.

Main trends in the development and distribution of communication lines of the U. S. S. R. I. V. Nikol'skii. Geog. v shkole 25 no. 5:8-14 S-O '62.

Scientific and technical collaboration of socialist countries. I. V. Gramolin, S. S. Pavlov. Transp. stroi. 12 no. 8:38-40 Ag '62.

Vital aspects in the organization of transportation by a mixed railroad - water system. K. Tugengol'd, A. Zhdanova. Rech. transp. 21 no. 9:6-9 S '62.

TRANSPORTATION—ABSTRACTS

[Container shipments and the interaction of various types of transportation] Ref. zhur. Otd. vyp. 31: Vzaimodeis. raz. vid. transp. i kont. perev. no. 10 O '62.

[Industrial transportation] Ref. zhur. : Prom. transp. no. 10 O '62.

TRANSPORTATION, AUTOMOTIVE

(see also subdivision under Azerbaijan; Moscow, Moscow Province)

Complete the liquidation of small automotive transportation units and secure further development of centralized haulage. Avt. transp. 40 no. 9 1-3 S '62.

Gvozdev, A. P., and L. M. Chernlavskii. [Organizing a centralized operation service] Organizatsiia tsentralizovannoi ekspluatatsionnoi sluzhby. Moskva, Avtotransizdat, 1962. 79 p. (Obmen tekhnicheskim opytom avtotransportnykh predpriiatii)

Important problems of the improvement of passenger suburban and local transportation. A. P. Polichtov, V. A. Persianov. Zhel. dor. transp. 44 no 9 63-66 S '62.

Indikt, E. A., P. I. Gaidaenko, and V. P. Sobolev. [Organizing the operation of a large automotive transportation unit] Organizatsiia proizvodstva v krupnom avtokhoziaistve. Moskva, Avtotransizdat, 1962. 111 p. (Obmen tekhnicheskim opytom avtotransportnykh predpriiatii)

Using graphs to solve some transportation problems. V. S. Shuvaev, F. IA. Vasil'chikov. Izv. vys. uch. zav.; stroi. i arkhit. 5 no. 4:109-116 '62

TRANSPORTATION, AUTOMOTIVE—ABSTRACTS

[Automotive and city transportation] Ref. zhur. Avt. i gor. transp. no. 10 O '62.

TRANSPORTATION, AUTOMOTIVE—ACCOUNTING

New system for amortization deductions in automotive transportation. M. Bash. Avt. transp. 40 no. 9:36-38 S '62.

TRANSPORTATION, AUTOMOTIVE—COST OF OPERATION

From top or from bottom? N. Gorobii. Avt. transp. 40 no. 9, 33 S '62.

Unified indices for carrying out plans and for the cost. N. Chekunov. Avt. transp. 40 no. 9:34-35 S '62.

TRANSPORTATION, AUTOMOTIVE—FREIGHT see subdivision under Ukraine

TRANSPORTATION, AUTOMOTIVE—SAFETY MEASURES

For convenient and safe working. Zh. Manasandzhiants, E. Kogan. Avt. transp. 40 no. 9, 10-11 S '62.

TRAUMATISM

Crush syndrome in its forensic medical aspect. P. S. Gurevich. Sud.-med. ekspert. 5 no. 3, 16-18 Jl-S '62.

TRAVEL COSTS

Our consultations. Sov profsoiuzy 18 no 19 46-47 O '62

TRAVERSES (SURVEYING)

Correspondence in the accuracy of angular and linear polygonometric measurements. V. G. Konusov. Izv. vys. ucheb. zav.; geod. i aerof. no. 2:57-66 '62.

Excentric measurement of angles in high-precision polygonometry to be used as a basis for engineering structures. M. S. Cheremisin. Trudy TsNIIGAIK no. 147: 99-102 '62.

TRAWLS AND TRAWLING

The best brigade on the ship. V. A. Petrov. Ryb. khoz. 38 no. 7:53-54 '62.

Device for determining the rotation of the parts of trawling equipment. V. V. Savostianov. Ryb prom. no. 51: 17-19 '59.

Insure safety of work on fishing boats. A. M. Koniaev. Ryb. khoz. 38 no. 7 48-50 '62.

Karpovich, V. A. [Controllable pitch propellers on fishing vessels] Grebnye vinty reguliruemogo shaga na promyslovykh sudakh. Moskva, Rybnoe khoziaistvo, 1962. 61 p (Rybopromyslovyi flot)

New method of trawling Far Eastern rosefish. A. V. Leatev. Ryb. khoz. 38 no. 7:36-39 '62.

Our crew. D. A. Savinov. Ryb. khoz. 38 no. 7:54-55 '62.

Work practices on the BMRT-type boat "Saltykov-Shchedrin." B. Chernov. Ryb. khoz. 38 no. 7:40-42 '62.

TREE FELLING

Cleaning of tree felling sites without resorting to burning of the waste wood. A. Pozdniakov. Les. prom. 40 no. 7:28 Jl '62.

Mechanization of gradual and selective tree felling operations. V. Berezin, E. Zheltov. Les. prom. 40 no. 7: 17-19 Jl '62.

TREE FELLING—EQUIPMENT AND SUPPLIES

Methodology for determining the engineering and economic efficiency of branch cutting machines. E. A. Pavlov, V. V. Glotov. Les. prom. 40 no. 7:26-27 Jl '62.

TREES see subdivision under Murmansk Province

TREMATODA

(see also subdivision under Kandalaksha Bay)

Skriabin, K. I. [Trematodes of animals and man; principles of trematodology] Trematody zhivotnykh i cheloveka; osnovy trematodologii. Moskva, Izd-vo Akad. nauk SSSR,

V ol. 20, 1962. 563 p.

TREMATODA—HOST ANIMALS

(see also subdivision under Khanka, Lake)

Divergence of the trematode species Cathaemasia hians (Rudolphi, 1819) and Chaunocephalus ferox (Rudolphi 1795) Dietz, 1909 following a change of their intermediate hosts. N. A. Beizullaev. Dokl. AN SSSR 1 no. 1 238-241 5 '62.

TREMOR

Clinical aspects and treatment of essential tremor [with summary in French] L. I. Golubeva. Och. klin. nev no. 1 173-182 '62

TRIALS (POLITICAL CRIMES AND OFFENSES) see subdivision under Germany, West

TRIANGULATION

Adjustment of point insertion in linear triangulation nets. N. IA. Tsomkov. Izv. vys. ucheb. zav., geod. i aerof. no. 2 46-50 '62.

Best time for making observations in city triangulation. N. V. IAkovlev. Izv. vys. ucheb. zav.; geod. i aerof. no. 1:93-98 '62.

Determining the most probable variations in the coordinates of points in certain special triangulations involving remeasurements. A. M. Virovets. Izv. vys. uchel zav.; geod. i aerof. no. 2:3-8 '62.

Khrenov, L. S., and others. [Handbook on calculating analytical nets] Rukovodstvo po vychisliiam analiticheskikh setei. Moskva, Geodezizdat, 1962. 247 p.

TRIAZOLE

Furan compounds. Part 20 Condensation of some derivatives of furfurole and β-(2-furyl)-acrolein with aminotriazoles. A A Ponomarev, M D Lipanova Zhur ob. khim. 32 no 9 2974-2981 S '62.

TRICHINA AND TRICHINOSIS see subdivision under Chernigov Province, Sumy Province

TRICHODINA

Malachite green and formalin as effective means for controlling Trichodina. E A Bogdanova. Ryb khoz 38 no 8:30-31 '62

TRICHOMONAS

Action of various chemicals and phytoncides on a Trichomonas foetus culture through direct contact. S. A. Azhinov. Trudy Rost. NIVS no. 12:105-107 '60.

Biology of Trichomonas foetus. S. A. Azhinov. Trudy Rost NIVS no 12:191-194 '60.

Cultivation of Trichomonas under laboratory condition L. V. Genika. Trudy Rost. NIVS no 12:180-190 '60.

Liuteumin, a new contraceptive substance and agent against trichomonas. S. A. Vichkanova and others. Med. prom. 16 no. 5:56-57 My '62.

TRICHOMONIASIS

Diagnosis and treatment of vaginal trichomoniasis. K Kebuliia. Vest. derm. i ven no. 8:84-86 '62.

Organization of measures for eliminating trichomoniasis of cattle on Rostov Province farms. L. V. Genika Trudy Rost. NIVS no. 12:179-187 '60

TRIGEMINAL NEURALGIA see Neuralgia, Trigeminal

TRILOBITES see subdivision under Altai Mountains; Katun' Valley; Kolyma Valley; Siberia, Western

TRINITY

The basic dogma of Christianity. V. Chertikhin. Nauka i rel. no. 8:23-27 Je '62.

TRIODES

Selecting the frequency of triodes in pulse systems of a electric drive with a d. c. motor. T. A. Glazenko. Izv vys. ucheb. zav.; prib. 5 no. 5:33-45 '62.

TRIPOLI (MINERAL) see subdivision under Dniester Valley

TRIPOLI (MINERAL) see subdivision under Dniester Valley

TRIPOLI (MINERAL) see subdivision under Dniester Valley

TRUSKS
(see also cableway installation under Transportation facilities)
Assembly of 23 meter reinforced concrete trusses [Russian] Primenenie, Leningrad, no. 1, 1961, 11 Ap '61.

Manufacture of prestressed reinforced concrete trusses [Russian] Mekhanizatsiia i Avtomatizatsiia Stroitel'stva, Moscow, no. 4, 1961, 11 Ap '61.

Mixed roofing trusses with a span of 18 and 22 decameters [Russian] Mekhanizatsiia i Avtomatizatsiia Stroitel'stva, Moscow, no. 4, 1961, 11 Ap '61.

Pin-connected girder without angle between [illegible], Rzhanitsyn, V. Izobret. i Rats. Predl. Ser. 3, no. 5, 1961, 28 Ap '61.

Working drawings of prestressed reinforced concrete agricultural trusses [Russian] Mekhanizatsiia i Avtomatizatsiia Stroitel'stva, Moscow, no. 4, 1961, 11 Ap '61.

TRUSOV, KIRGIZBAI. see Kirgizbai Trusov

TRUTH
Dialectical concept of truth (with annotation in English, p. [illegible]). A. A. Vetrov. Vop. filos. 35, no. 9, 1961, 74-85.

TRYPTOPHAN
Detection of [illegible]. Part 17. [illegible] test as method for [illegible] tryptophane. [illegible] Moscow, I. M. Sechenov Med. Inst. Trudy, no. 37, 1960, 17-20 Ap '61.

Effect of the growth phase of leaf tissues and water regimen on tryptophan synthesis in wheat leaves [with summary in English]. I. D. Ermakova. Fiziol. rast. 8, no. 4, 1961, 441-448.

TSAGOLIH, FIODRIKH AFROPOVICH, 1857-1911
[illegible] (beginning of the 20th century) [illegible], Moscow, Izd-vo [illegible], 1961, 103 pp. 20,000 copies. [illegible].

The first automobile engineer [illegible]. Turkish Virtuoso [illegible] (from diaries of [illegible]) [illegible], Izd-vo, no. 9, 1961, 62-63.

For the good of mankind. A. Chanter. [illegible], Izd-vo, no. 10, 1961, 28-29 '61.

TSAIDAMSKIY BASSEYN see Tsaidam Basin

TSAKHKENTY KHAY see Vitim Territory

TSAMKHOGHAD CITY PLANNING
[illegible] quart. N. Ivanchenko, [illegible] architect, no. 6, 1961, 31-36.

TSIMLYANSKOYE RESERVOIR HARBOR
[illegible] ships. [illegible] Moscow, Rechnoy transport, 21, no. 4, 1961, 30-31 Ap '61.

TSIOLKOVSKIY, KONSTANTIN EDUARDOVICH, 1857-1935
Tsiolkovskiy's [illegible] [illegible], Izd-vo, Akademii nauk, 1961, 5 pp. 15,000 copies. [illegible].

Tsiolkovskiy, V. V. [At the start of the space age, in K. E. Tsiolkovskiy's Museum] U istoka kosmicheskoy ery, v Dome muzeya K. E. Tsiolkovskogo, [illegible] Kaluzhskoe knizhnoe izd-vo, 1961, 14 pp.

TSIVILSKOYE (COUNTY) REVOLUTION, 1917-1921
The struggle for the establishment and strengthening of Soviet rule in the Tsivil'sk district [illegible], Izd-vo, Chuvashskoe knizhnoe izd-vo, 21,000 copies, 1961, 63 pp.

TSIVOLKO, AVGUST KAROVICH, 1811-1849
Short outline of a surveyor and geographer [illegible] and his map of A. K. Tsivolko's journey. A. I. Alekseyev. Pochvovedeniye, 61, no. 5, 1961, 107-112 Ag '61.

TSKHENIS TSKALI VALLEY ROCKS, GEOLOGY
[illegible] Rock of young intrusives in the Tskhenis Tskali Valley (Great Caucasus) [illegible], Izd-vo [illegible], 1961, 1 [illegible]

[illegible] D. I.

[illegible] ur]
[illegible], 15 pp.

[illegible] III
[illegible] n
[illegible] r

[illegible] als
[illegible] M-

[illegible] ngth
[illegible] a

[illegible] ats
[illegible] i
[illegible] ther,

Drug therapy in tuberculosis. [illegible] Moscow, Med. sestra, 21, no. 4, 1962, 14 Ap '62.

Effectiveness of prolonged drug therapy for patients with fresh forms of pulmonary tuberculosis. A. I. Rabukhin and others. Klin. med., no. 12, 1961, 61-64.

Surgical therapy in the complex treatment of pulmonary tuberculosis in children. V. N. Trifonov. Med. sestra, 21, no. 4, 1962, 20 Ap '62.

Hemoptysis and hemorrhage in tuberculosis. M. A. Mendrukh. Med. sestra, 21, no. 4, 1962, 16 Ap '62.

Interrelationships of cancer and tuberculosis of the lungs [with summary in English]. V. I. Chekhun. Ukr. med. zh., no. 6, 1961, 3-8.

Late results of the treatment of pulmonary tuberculosis with antibiotics [with summary in English]. [illegible] Tuberkulez, no. 6, 1961, 3-10.

Pathogenesis of nonspecific pneumonia in tuberculous patients and diagnosis of [illegible] forms. A. [illegible] Klin. med., no. 12, 1961, 21-26.

Zaid Akhmedov, A. A. [Tuberculosis in children] Tuberkulez, no. 6, 1961, Tashkent, Medgiz UzSSR, 1962, 80 p. (Brochure popularizatsii znaniy [illegible])
(DNB M)

TUBERCULOSIS DIAGNOSIS
Pomel'nov, K. V. [Roentgenography of chest cavity, method of mass X-ray detection of pulmonary tuberculosis] Roentgenografiya grudnoy kletki, metod massovogo vyyavleniya zabolevaniy tuberkuleza. Moskva, Medgiz, 1961, 87 p.
(Wall)

TUBERCULOSIS PREVENTION
(see also rehabilitation under Kopetdag, Boundary District)
Tuberculosis [illegible] conquered. A. I. Lepilov. Med. sestra, 21, no. 4, 1962, 3 Ap '62.

TULA PUBLIC HEALTH
In the Collegium of the Ministry of Public Health of the R.S.F.S.R. V. V. Avilov, R. D. Ivin [illegible], Zdravookhranenie, 4, no. 6, 1961, 10-11 '61.

TULA THEATERS
Theaters [illegible] Tula. V. Vysotov. Artist, 11, no. 6, 1961, 34 '61.

TULA BASIN COAL MINES AND MINING
Experience of the over-all mechanization of stoping operations in mines under the Tula Komsomol Coal Basin. P. N. Petrushov, A. N. Chirkunov, G. P. Shevaldin. Ugol', 37, no. 6, 1962, 30-40 Ag '62.
Experience in the consolidation of mines in the Tula-Kashira Coal Basin. [illegible] Ugol', 37, no. 1, 1962, 38-39.

TULA PROVINCE AUDITING AND INSPECTION
Improve [illegible] control [illegible]. I. Matov. Bukh. uchet, 18, no. 1, 1962, 31-32.

TULA PROVINCE, DISTRICT, ADMINISTRATION OF
Let's make fuller use of our potential reserves. V. Dolgikh. Sov. torg., no. 1, 1961, 10-13 '61.

TULA PROVINCE MINING MACHINERY
Use of [illegible] mechanization of stoping in mines of the Tula Komsomol Council. P. M. Perepelitsa, Mekh. i avtom. proizv., 16, no. 9, 1962, 37-41.

TULA PROVINCE SOIL CONSERVATION
Measures for erosion control on state farms in Tula Province. A. I. Ryabtsev. Trudy VNII, no. 15(17), 1961, 121-131.

TULIPS
Vital activity of the garden tulip during the cold season of the year. I. I. Migunova. Bot. zhur., 46, no. 6, 1961, 881-888.

TUMANYAN, ERVAND
Quality and resources of aluminite refractory rocks of the Tumanyanskiy [illegible]. M. Ogandzhanyan. Prom. Arm., 5, no. 9, 1962, 11 '62.

TUNDRA
Fatty oil of some interesting [illegible] of Mauritius. I. A. Ashkinadze. Zhur. prikl. khim., 34, no. 8, 1961, 1832-1835.

TUNGSTEN
Diffusion of tungsten in some carbides of tungsten, tantalum, and in TiC-WC and TiC-WC-TaC solid solutions. [illegible] Trudy, Leningrad. politekh. in-t, no. 224, 1962, 84-87.

Effect of electron bombardment on the adsorption properties of a tungsten surface. [illegible] Radiotekh. i elektron., 7, no. 9, 1962, 1553-1555.

Effect of tungsten on the oxidation of titanium. D. I. Fel'ner, T. N. Dzhanaraeva. Fiz. met. i metalloved., 14, no. 3, 1962, 465-468.

Effect of certain coatings on the nature of phenomena preceding the destruction of tungsten emitters by the flow of high-density field emission current. I. I. Bakulin, G. N. Fursey. Radiotekh. i elektron., 7, no. 9, 1962, 1414-1421.

Study of effects preceding the destruction of tungsten emitters by the impulses of high-density field emission current. I. I. Bakulin, G. N. Fursey. Radiotekh. i elektron., 7, no. 9, 1962, 1414-1421.

Work function of thin films of barium oxide on bulk tungsten. I. S. Kiranova, A. R. Shul'man, A. V. Demonteva. Fiz. tver. tela, 4, no. 9, 2615-2617.

TUNGSTEN CRYSTALS
Adsorption of barium atoms and carbon monoxide on the cube-on-face (113) of a tungsten single crystal. V. N. Gavrilov, V. K. Medvedev. Fiz. tver. tela, 4, no. 5, 1962, 1381-1385.
Adsorption of barium oxide on face (110) of a tungsten single crystal. L. S. Kiranova, A. R. Shul'man, A. V. Demonteva. Fiz. tver. tela, 4, no. 9, 2617-2620.

TUNGSTEN-TITANIUM-BARIUM ALLOYS
Thermionic emission of tungsten-titanium-barium and the dependence on the pressure of oxygen. D. E. Dibner and others. Radiotekh. i elektron., 7, no. 9, 1962, 1471-1476.

TUNGSTOPHORIC ACID
Preparation of cadmium tungstate. G. N. Dorofeeva. Zhur. neorg. khim., 7, no. 9, 1962, 1958-1961.

TURGUSKA BASIN PALEOBOTANY, STRATIGRAPHY
Upper Cretaceous plants from the Dzhalinda Valley of the Turgusk Basin. S. V. Saltykov. Trudy VNIGRI, no. 197, 1961.

TURGUSKA VALLEY, PODKAMENNAYA see Podkamennaya Tunguska Valley

TURKEY DESCRIPTION AND TRAVEL
Along the roads of Morocco and Tunisia. V. S. Ravich-Shcherbo. Geog. izv., no. 6, 1962, 101-102.

TURKEY POLITICS AND GOVERNMENT
"What I saw in Bursa" by Madeleine Riffaud. Review by N. Lukhanin. Aziat. Afr. segod., no. 8, 1962, 59-62.

TUNNELING
(see also cultivation under Moscow)
Rapid method of tunneling with ordinary shields. [illegible] Gidrotekhnik and others. Transportnoe [illegible], 12, no. 3, 1962, 24 Ap '62.

TURBINES
Classification of the carrying conditions of flow-path [illegible] code problem. V. A. Zysin. Izv. LPI, no. 218, 1961, 90-96.

TURBINES BLADES
Design method and experimental development of a group of guide blade profiles with increased values of the parameter of resistance. M. I. Zhukovskiy, O. I. Bochkova, N. A. Shanin. Teploenergetika, 9, no. 8, 1962, 19-23.
Investigating the new turbine blade cascade nozzle developed by the Moscow Power Engineering Institute for supersonic speeds. M. I. Deich and others. Teploenergetika, 9, no. 10, 1962, 62-68.

TURBINES DESIGN AND CONSTRUCTION see also division under Sverdlovsk

TURBINES FOUNDATIONS
Design of a prevent reinforced concrete foundation for a turbine set. V. S. Lupovatskiy. Energ. stroi., no. 28, 1962, 28-36.

TURBODRILLS
Design of a stand for testing turbodrills and methods of recording their characteristics. L. L. Chervyakov. Izv. VUZ, no. 6, 1961, 81-86.

TURBOGENERATORS
Local heaters of the hydrogenerators of the Shatura Electric Power Station. I. M. Glikh, B. M. Sorokin, I. I. Ettinger. Vest. elektropromu., 34, no. 10, 1962, 9-13.

TURBOMACHINES
Choice of a face packing system. P. I. Andreyev. Izv. LPI, no. 221, 1961, 153-158.
Some results of the work of constructing pressure transmitters with high angular velocity. [illegible] K. P. Polenov. Trudy LPI, no. 221, 1961, 167.

TURBOMACHINES AERODYNAMICS
Results of the development of equipment for measuring unsteady aerodynamic quantities of relative motion in turbomachinery models. [illegible] Izv. LPI, no. 221, 1961, 84-89.

TURBULENCE
Application of quantum field theory methods to the problem of the decay of uniform turbulence [with abstract in English]. V. I. Fatkeyakin. Zhur. eksp. i teor. fiz., 41, no. 6, 1961, 1806-1808 My '62.

TURGAY GATES—BAUXITE
Concerning some secondary processes in Mesozoic bauxites in the northwestern Turgay Gates. L. A. Kuznetsov. Kora vyvetr., no. 4, 1961, 195-201 '62.

TURGAY PROVINCE—KAZAKHS
Kinship, structure, and distribution of the Kazakh tribes in the Turgay Province in the late 19th century and beginning of the 20th century. V. V. Vostrov. Trudy Inst., sektsiya, Otd. AN Kazakh. SSR, 16, 72-84 '62.

TURGENEV, IVAN SERGEEVICH, 1818-1883

Kutlishchev, F. D., and I. P. Shcheblykin, [Satire in the works of I. S. Turgenev, based on materials of "A sportsman's sketches" and the novels] O satire v tvorchestve I. S. Turgeneva, na materiale "Zapisok okhotnika" i romanov. Shakhty, M-vo prosv. RSFSR, 1958. 80 p. (OrU)

Plots and characters of I. S. Turgenev's stories written during the 1850's. M. M. Klochikhina. Uch. zap. MGPI 160:127-145 '61

TURKESTAN—TRUSTS, INDUSTRIAL

Vlatkin, M. P. [Monopoly capital in Central Asia] Monopolisticheskii kapital v Srednei Azii. Frunze, Izd-vo Akad. nauk Kirgizskoi SSR, 1962. 160 p.

TURKEY—AGRICULTURAL POLICY

The peasant question in the program of the Democratic Party of Turkey before its coming to power (1947-1950). B. Karabaev. Izv. AN Turk. SSR, Ser. obshchestv. nauk, no. 4:13-20 '62.

TURKEY—COMMERCE—GERMANY

Economic penetration of fascist Germany into Turkey on the eve of the Second World War, 1933-1939. B. Bekiev. Izv. AN Turk.SSR. Ser. obshchestv. nauk no. 3:18-25 '62.

TURKEY—DEFENSES

Along the roads of Turkey. I. Ugol'kov. Az. i Afr. seg. no. 9:40-51 S '62.

TURKEY—ECONOMIC CONDITIONS

Turkey at the crossroads. M. Iur'ev. Mezhdunar. zhizn' 9 no. 10:56-67 O '62.

TURKEY—MILITARY BASES, AMERICAN

Ankara plays with fire. A. Matveev. Nov. vrem. 20 no. 40:15 O '62.

TURKEY—PEASANTRY

Along the roads of Turkey. I. Ugol'kov. Az. i Afr. seg. no. 9:40-51 S '62.

The peasant question in the program of the Democratic Party of Turkey before its coming to power (1947-1950). B. Karabaev. Izv. AN Turk. SSR. Ser. obshchestv. nauk. no. 4:13-20 '62.

TURKEY—RELATIONS (GENERAL) WITH RUSSIA

Turkish scientists as guests of the Academy of Sciences of the U. S. S. R. Vest. AN SSSR 32 no. 9:117 S '62.

TURKEY—RELATIONS (MILITARY)

Turkey at the crossroads. M. Iur'ev. Mezhdunar. zhizn' 9 no. 10:56-67 O '62.

TURKEY—RUSSIAN LITERATURE

Obstacles should be removed [with English summary in insert]. L. Starostov. Az. i Afr. seg. no. 9:21-22 S '62.

TURKIC FOLKLORE see Folklore, Turkic

TURKIC LANGUAGES—GRAMMAR, COMPARATIVE

Sevortian, E. V. [Affixal verb formation in the Azerbaijani language; a comparative study] Affiksy glagoloobrazovaniia v azerbaidzhanskom iazyke; opyt sravnitel'nogo issledovaniia. Moskva, Izd-vo vostochnoi lit-ry, 1962. 642 p.

TURKISH LITERATURE

Obstacles should be removed [with English summary in insert]. L. Starostov. Az. i Afr. seg. no. 9:21-22 S '62.

TURKMEN—TRIBAL GOVERNMENT

Survivals of the tribal mode of life among the cattle breeders in Turkmenistan in the 19th century [with summary in English]. S. N. Iomudskii. Sov. etn no. 4:46-56 Jl-Ag '62.

TURKMEN LANGUAGE—DIALECTS see subdivision under Turkul District

TURKMENISTAN—ANTIQUITIES

New archaeological excavations in Dzheytun and Kara-Tepe. V. M. Masson. Sov. arkheol. 6 no. 3:157-175 '62.

TURKMENISTAN—CATTLE BREEDING

Survivals of the tribal mode of life among the cattle breeders in Turkmenistan in the 19th century [with summary in English]. S. N. Iomudskii. Sov. etn no. 4:46-56 Jl-Ag '62.

TURKMENISTAN—CONSERVATION OF NATURAL RESOURCES

Conservation and preserves of Turkmenistan. M. P. Petrov, E. A. Kliushkin. Izv. AN Turk. SSR. Ser. biol. nauk no. 3:3-11 '62.

Problems of conservation in training biology teachers. O. A. Mikhel'son, K. Novruzov. Izv. AN Turk. SSR. Ser. biol. nauk no. 3:12-13 '62.

TURKMENISTAN—CRIMINAL LAW

New development in the criminal legislation of Turkmenistan. B. Durdyev. Izv. AN Turk.SSR. Ser. obshchestv. nauk no. 3:26-30 '62.

TURKMENISTAN—DESERTS

New geographical institute of Turkmenista. M. P. Petrov. Izv. Vses. geog. ob-va 94 no. 4:361 Jl-Ag '62.

TURKMENISTAN—DESERTS—RESEARCH

A new scientific institution, organizing the Institute of Deserts of the Academy of Sciences of the Turkmen S. S. R. A. G. Babaev. Izv. AN Turk. SSR. Ser. biol. nauk no. 3:96-98 '62

TURKMENISTAN—DWELLINGS

New archaeological excavations in Dzheytun and Kara-Tepe. V. M. Masson. Sov. arkheol. 6 no. 3:157-175 '62.

TURKMENISTAN—EAST COAST FEVER

Effect of diversified therapy on the correlation between changes in the blood and medullary hemopoiesis in calves with theileriasis. B. S. Ovezmuradov. Izv. AN Turk. SSR. Ser. biol. nauk no. 4:62-66 '62

TURKMENISTAN—GEOGRAPHICAL RESEARCH

New geographical institute of Turkmenista. M. P. Petrov. Izv. Vses. geog. ob-va 94 no. 4:361 Jl-Ag '62

TURKMENISTAN—HISTORY

The strengthening of the position of tsarism on the eastern shore of the Caspian Sea and the unification of Turkmenistan with Russia. Izv. AN Turk. SSR. Ser. obshchestv. nauk no. 4:3-12 '62.

TURKMENISTAN—HONEY LOCUST

History of the introduction of the representatives of the genus Gleditschia L. in Turkmenistan. N. N. Muratgel'dyev. Izv. AN Turk. SSR. Ser. biol. nauk no. 4:17-23 '62.

TURKMENISTAN—JERBOAS

Occurrence of the Turkmenian jerboa Jaculus turkmenicus Vinogr. et Bond. in southern Turkmenistan. Kh. Babaev, Ch. Ataev. Izv. AN Turk. SSR. Ser. biol. nauk no. 3:76-79 '62.

TURKMENISTAN—MOHAMMEDANISM

The Turkmen Conference on the Problems of Scientific Atheism. N. Kuliev, Iu. Petrash. Izv. AN Turk.SSR. Ser. obshchestv. nauk no. 3:100-103 '62

TURKMENISTAN—NEWSPAPER AND PERIODICALS CIRCULATION

Province-wide seminars of newsstand operators. A. Kogan. Raspr. pech. no. 7:14 Jl '62.

TURKMENISTAN—PETROLOGY

Petrographic composition of basement rocks in Turkmenia. V. S. Knlazev, O. A. Shnip. Trudy MINKHIGP no. 38:91-109 '62.

TURKMENISTAN—ROCKS, SEDIMENTARY

Bedding of the Akchagyl stage and red beds in the southwestern Turkmenia and their correlation with analogue sediments of some regions in Azerbaijan. S. Amanov. Uch. zap. AGU Geol.-geog. ser. no. 6 51-59 '59.

TURKMENISTAN—SHEEP—DISEASES AND PESTS

Epizootiologic factors in infectious enterotoxemia of sheep in the Turkmen S. S. R. K. Atdzhikov. Izv. AN Turk. SSR. Ser. biol. nauk no. 4:76-80 '62.

TURKMENISTAN—STOCK AND STOCKBREEDING—LABOR PRODUCTIVITY

Specialization and distribution of stockbreeding as a factor determining the increase of labor productivity. V. S. Manakov. Izv. AN Turk. SSR. Ser. obshchestv. nauk. no. 4:21-51 '62.

TURKMENISTAN—TEACHERS, TRAINING OF

Problems of conservation in training biology teachers. O. A. Mikhel'son, K. Novruzov. Izv. AN Turk. SSR. Ser. biol. nauk no. 3:12-13 '62.

TURNER, FREDERIC JACKSON, 1861-1932

Role of the ever-expanding frontier in the history of the U. S. A. [with summary in English, pp. 221-222]. N. N. Bokhovitinov. Vop. ist. no. 9:57-74 S '62.

TURNER'S SYNDROME

Cerebral-hypophysial syndrome of Shereshevskii in a girl. N. A. Gafarova. Kaz. med. zhur. no. 3:83-84 My-Je '62.

TURNING

Selecting the radius of the tool point for fine turning. A. P. Dobrorez. Stan. i instr. 33 no. 9:28 S '62.

TURNIPS—DISEASES AND PESTS

Effect of the time of planting on the susceptibility of field and garden turnip to the clubroot of crucifers. N. S. Pivovarova. Sbor. trud. asp. i mol. nauch. sotr. VIR no. 1:139-145 '60.

TURPENTINING see subdivision under White Russia

TURTKUL DISTRICT—TURKMEN LANGUAGE—DIALECTS

Arazkuliev, Sabur. [Turkmen dialects of Turtkul District in Kara Kalpak] Govory turkmen Turtkul'skogo raiona Kara-Kalpakskoi ASSR. Ashkhabad, Turkmenskii gos. univ., im. A. M. Gor'kogo, 1961. 270 p. (MH)

TURUKHAN VALLEY—GEOLOGY, STRATIGRAPHIC

Lithology of Jurassic and Lower Cretaceous sediments of a cross section of the Turukhan key hole; general description of the cross section. G. E. Prozorovich. Trudy SNIIGGIMS no. 17:123-136 '61.

TURUKHAN VALLEY—PALYNOLOGY

Spore-pollen complexes in Lower Cretaceous sediments of the Turukhan key hole. L. G. Markova, A. V. Shuratenko. Trudy SNIIGGIMS no. 8:189-195 '60.

TUTTON'S SALTS

Electron paramagnetic resonance of Cr^{3+} in $K_2Zn(SO_4)_2 6H_2O$. E. D. Arkhangel'skaia and others. Fiz. tver. tela 4 no. 9:2530-2533 S '62.

TUVA A. S. S. R.—ARCHAEOCYATHIDAE

New Cambrian Archaeocyatha (Ajacicyathidae) of Tuva. Iu. I. Voronin. Paleont. zhur no. 3:24-28 '62.

TUVA A. S. S. R.—DESCRIPTION

In the center of Asia. K. Nikolaev. Sov. profsoiuzy 18 no. 18:8 O '62.

TUVA A. S. S. R.—GEOLOGY, STRATIGRAPHIC

Cambrian conglomerates in the upper reaches of the Shurmak and Naryn Rivers (Sangilen Highland, Southeastern Tuva). L. N. Altukhov, A. I. Larchitskaia. Dokl. AN SSSR 146 no. 2:422-425 S '62.

TUVA A. S. S. R.—GEOLOGY, STRUCTURAL

Igneous activity of various Early Paleozoic structures in Tuva. T. N. Ivanova. Trudy VSEGEI 73:17-27 '62.

TUVA A. S. S. R.—GRANITE

Form of the Chingekat granitoid massif (western Tuva). E. F. Dorofeeva. Trudy VSEGEI 73:165-168 '62

TUVA A. S. S. R.—LADYBIRDS

Ladybirds (Coleoptera, Coccinellidae) and their distribution in various habitats of Tuva [with summary in English]. S. V. Sharova. Zool. zhur. 41 no. 8:1175-1183 Ag '62.

TUYMAZY REGION—CORE DRILLING

Core recovering from the producing layer D_I in the Tuymazy field. P. S. Balandin and others. Neft. khoz. 40 no. 5:59-62 My '62.

TUYMAZY REGION (BASHKIRIA)—OIL FIELD FLOODING

Study of oil recovery from inhomogeneous porous media. Ah. K. Gimatudinov. Geol. nefti i gaza 6 no. 8:20-22 Ag '62.

2, 4-D

Effectiveness of using some herbicides against weeds in growing sunflowers. D. S. Vasyl'iev. Visnyk sil'hosp. nauky 5 no. 8:48-51 Ag '62.

TYMPANAL ORGAN—SURGERY

Sound-ruler for measuring the length of the prosthesis i stapes surgery. N. A. Preobrazhenskii. Vest. otorin. no. 5:75-76 '62.

TYPE AND TYPE FOUNDING

Second exhibition of type and ornament. E. B. Adamov. Kniga; issl. i mat. 6:352-354 '62.

Type design and its use in books. A. G. Shitsgal. Kniga issl. i mat. 6:90-102 '62.

TYPHOID FEVER—DIAGNOSIS—AGGLUTINATION REACTION

Late results of Widal's reaction in those recovering from typhoid and paratyphoid diseases following treatment with antibiotics [with summary in English]. IU. M. Mikhailova, R. D. Bublikova. Antibiotiki 7 no. 8:761-764 Ag '62

TYRNYAUZ REGION—GOLD MINES AND MINING

Razin, V. P. [Heights] Vysoty. Moskva, Izd-vo "Znanie," 1962. 46 p. (Novoe v zhizni, nauke, tekhnike. X Seriia: Molodezhnaia, no. 18)

TYROSINE

Di (2-chloroethyl) amino derivatives of tyrosine. Part Synthesis of 3-di (2'-chloroethyl) amino-4-methoxyphenylalanine. I. Se'michiu and others. Zhur. ob. kh 32 no. 8:2464-2469 Ag '62.

Di (2-chloroethyl) amino derivatives of tyrosine. Part Synthesis of 3-di(2'-chloroethyl) aminotyrosine. I. Semichiu and others. Zhur. ob. khim. 32 no. 8:2469-2474 Ag '62.

TYUMEN' PROVINCE—RURAL LIBRARIES

For brigades of communist labor. I. Sidorova. Bibliotekar' no. 10:16-19 O '62.

TYUMEN' PROVINCE—TEACHERS

The life of rural teachers. G. Pantiushenko. Sov. sel'skoe trud. no. 10:49-54 O '62.

UDA VALLEY—CAVES

Unyiskaya cave in the Uda Valley. N. K. Molotkov. Nekar. i spel. no. 2:90-92 '61.

UDDER—DISEASES

Role of external environmental conditions and factors the etiology of mastitis in sheep. V. G. Romanenko. Trudy Rost. NIVS no. 12:123-130 '60.

UDMURT A. S. S. R.—CORN (MAIZE)

Applying paraffin to corn seeds. V. Kalinin. Muk.-elprom. 28 no. 7:8-10 Jl '62.

UDMURT A S S. R.—FLOUR MILLS
Flour milling industry in the Udmurt A. S. S. R. G. T'Sukerman Muk.-elev.prom. 28 no.7:21-22 J1 '62.

UFA VALLEY—KARST
Studies of karst carried out by the Southern Ural Geological Administration, theses S. P. Tkalich Nov. kar. i spel. no 2 65-66 '61

UGANDA
Uganda. Agitator no.20:30 O '62.

UGANDA—POLITICS AND GOVERNMENT
Independent Uganda. Idris Cox. Nov.vrem. 20 no.41: 28-29 O '62.

UGLICH (YAROSLAVL PROVINCE)—REGICIDES
Questioning the scrupulousness of the official investigation in Uglich in 1591. O.A.IAkovleva. Uch.zap ChNII no.21:350-353 '62.

UIGUR PHILOLOGY—BIBLIOGRAPHY see Bibliography—Uigur philology

UKHTOMSKII, ALEKSEI ALEKSEEVICH, 1875-1942
Ukhtomskii, A. A. [Collected works] Sobranie sochinenii. Leningrad, Izd-vo Leningr. univ.
Vol. 6. [Public scientific speeches, scientific and review articles and materials on the history of Soviet and world physiology] Obshchestvenno-nauchnye vystupleniia, nauchnye i obzornye stat'i i materialy k istorii otechestvennoi i mirovoi fiziologii. 1962. 210 p.

UKRAINE—ADONIS
Biology and ecology of Adonis vernalis L. [with summary in English]. D. S. Ivashyn. Ukr.bot.zhur. 19 no.4 84-90 '62.

UKRAINE—AGRICULTURE—LABOR PRODUCTIVITY
Kohan, E. R., and A. D. Fliahin. [Increase of labor productivity and wages of corn growing] Pidvyshchennia produktyvnosti ta oplata pratsi na vyroshchuvanni kukurudzy. [Dnipropetrovs'k] Dnipropetrovs'ke knyzhkove vyd-vo, 1961. 24 p. (Bibliotechka kukurudzovoda)
(DNAL)

UKRAINE—AGRICULTURE—PERIODICALS
The new staff of the editorial board of the periodical "Visnyk sil'skohospodars'koi nauky." Visnyk sil'hosp. nauky 5 no.8:106-107 Ag '62.

UKRAINE—AGRICULTURAL RESEARCH
Fifty years. A. S. Musiiko. Zemledelie 24 no.8:3-12 Ag '62.

UKRAINE—ANTHROPOLOGY
Anthropological research in the Ukrainian S. S. R. G. P. Zinevych. Nar tvor.ta etn. 6 no.1:107-111 Ja-Mr '62.

UKRAINE—APARTMENT HOUSES
Conference on problems of building large-panel apartment houses in areas under development. Bud. stroi. tekh. 19 no.3:45 Mr '62.

UKRAINE—ARCHAEOLOGY
For the productive study of the history of ancient societies. Arkheologiia 14:1-17 '62.

UKRAINE—ARMENIAN LITERATURE
The Armenian book in the Ukraine during the 17th century. IA. R. Dashkevich. Kniga; issl. i mat. 6:146-168 '62.

UKRAINE—BARLEY BREEDING
Improving the quality of raw materials for brewing. O. M. Gordienko. Khar.prom. no.2:84-85 Ap-Je '62.

UKRAINE—BIBLIOGRAPHY
[Ukrainian S. S. R. in the publications of the republics of the Soviet Union] Ukr. RSR u vyd. resp. Rad. Soiuzu 2 no.1 '57

UKRAINE—BLAST FURNACES
Volumetric efficiency of blast furnaces in the Ukrainian S. S. R. Met. i gornorud. prom. no.3:88 My-Je '62.

UKRAINE—BUCKWHEAT
Effect of the depth of embedding seeds on the development and yield of buckwheat. K. A. Savyts'kyi. Nauk. pratsi Ukr.nauk.-dosl.inst.zem. 11:76-79 '61.

UKRAINE—BUDGET
Distributing national income through the state budget of the Ukrainian S. S. R. V. Kuts. Ekon. Rad. Ukr. no.5: 57-62 S-O '62.

UKRAINE—CAPITAL INVESTMENTS—CONGRESSES
Conference on the problems of increasing the economic efficiency of capital investments. M. Prokopenko. Ekon. Rad. Ukr. no.5:127-128 S-O '62.

UKRAINE—CATHOLIC CHURCH—CLERGY
Whom did this head serve? Vladimir Beliaev. Nauka i rel. no.6:28-32 Je '62.

UKRAINE—CHAMPAGNE (WINE)
New technological flow sheets for the manufacture of wine yeast on continuous production lines. N. G. Saryshvili, G. S. Kolchanova, V. F. Semenov. Khar.prom. no.2: 8-11 Ap-Je '62.

UKRAINE—COLLECTIVE FARMS—VALUATION
Revaluation of capital assets on the collective farms of the Ukrainian S. S. R. V. Burlin, M. Darahan, E. Dolhopolov. Ekon. Rad. Ukr. no.5:46-52 S-O '62.

UKRAINE—COMMUNIST PARTY OF THE SOVIET UNION
Kiev, Instytut istorii partii. [Bolshevik organizations in the Ukraine during the period of the establishment and consolidation of Soviet power, November, 1917-April, 1918; collected documents and materials] Bol'shevistskie organizatsii Ukrainy v period ustanovleniia i ukrepleniia Sovetskoi vlasti, noiabr' 1917-aprel' 1918 gg.; sbornik dokumentov i materialov. Kiev, Gospolitizdat USSR, 1962. 754 p.
Publishing house of the Central Committee of the Communist Party of the Ukraine "Proletarii." T. A. Skripnik. Kniga, issl. i mat. 6:52-70 '62.
Shoulder to shoulder with the great party of Lenin. A. Borodin, N. Gol'nev, P. Dneprovskii. Komm. Ukr. 36 no.9:76-89 S '62.
"Studies on the history of the Communist Party of the Ukraine" by I. D. Nazarenko and others. Reviewed by IU. IU. Kondufor, G. G. Shevel'. Vop. ist. KPSS 6 no.5. 190-197 '62.

UKRAINE—COMMUNIST YOUTH LEAGUE
[Our militant Communist Youth League; the third meeting of grades 7-8] Nash komsomol bolovyi; III skhodynka VII-VIII klasy. Kyiv, Dytvydav, 1962. 38 p. (Znai, umii, zrobyy)

UKRAINE—CONGLOMERATE
Conglomerates of the central part of the Ukrainian Shield. A. I. Strygin, V. N. Kobzar'. Dokl. AN SSSR 146 no.2:430-432 S '62.

UKRAINE—CONSTRUCTION INDUSTRY—FINANCE
Business accounting in Mikola Dogadkin's construction brigade. M. Hontarenko. Ekon. Rad. Ukr. no.5:110-114 S-O '62.

UKRAINE—CORN (MAIZE)
Combined growing of corn and soybean for silage in the steppe of the Ukrainian S. S. R. [with summaries in English, German, and French]. A. P. Ghrenko, A. I. Livenskii. Vest. sel'khoz. nauki 7 no.8:25-30 Ag '62.
Kohan, E. R., and A. D. Fliahin. [Increase of labor productivity and wages in corn growing] Pidvyshchennia produktyvnosti ta oplata pratsi na vyroshchuvanni kukurudzy. [Dnipropetrovs'k] Dnipropetrovs'ke knyzhkove vyd-vo, 1961. 24 p. (Bibliotechka kukurudzovoda)
(DNAL)

UKRAINE—CORN (MAIZE)—FERTILIZERS AND MANURES
Interrelations of nitrogen and carbon fertilizers and their effect on the growth of corn and soil microflora. S. A. Samtsevych, IE. K. Buzhenko. Nauk. pratsi Ukr. nauk.-dosl. inst. zem. 11:19-22 '61.

UKRAINE—CORRESPONDENCE SCHOOLS AND COURSES
Faculties of general studies in the Ukrainian S. S. R. N. A. Cherkesov. Vest. vys. shkoly 20 no.8:19-25 Ag '62

UKRAINE—EARTHMOVING MACHINERY
Mechanization of earthwork in the Ukrekskavatsiia Trust. A. P. Degtiarev. Mekh. stroi. 19 no.9:8-9 S '62.
Some problems of the development of earthwork using hydraulic engineering machinery in the Ukrainian S. S. R. E. M. Potashnik, A. V. Nikiforov. Mekh. stroi. 19 no.9: 5-8 S '62.

UKRAINE—ECONOMIC CONDITIONS
Victory of Lenin's ideas about the Great October Revolution. Ekon. Rad. Ukr. no.5:3-12 S-O '62.

UKRAINE—EXUDATION (BOTANY)
Guttation of plants under natural conditions in the Ukraine [with summary in English]. A. M. Hrodzins'kyi, V. V. Osynchuk. Ukr.bot.zhur. 19 no.4:15-22 '62.

UKRAINE—FARM BUILDINGS
Important objectives of the designers, at the plenary session of the Union of Architects of the Ukrainian S. S. R. Sil'. bud. 12 no.8:23 Ag '62.

UKRAINE—FARM MANURE
Effectiveness and duration of the action of farm manure in field crop rotations in the forest-steppe. O. P. Diduchenko. Nauk. pratsi Ukr. nauk.-dosl. inst. zem. 11:105-110 '61.

UKRAINE—FARM PONDS
Preventing the silting of ponds. IU. A. Vasylenko. Nauk. pratsi Ukr. nauk.-dosl. inst. zem. 11:147-153 '61.

UKRAINE—FIELD CROPS
Indices of the economic efficiency of the production of agricultural crops on collective farms in various zones of the Ukrainian S. S. R. I. Romanenko, O. Buhuts'kyi. Ekon. Rad. Ukr. no.5:36-45 S-O '62.

UKRAINE—FISH PROCESSING PLANTS—EQUIPMENT AND SUPPLIES
New machinery and equipment for fish processing plants. K. I. Danylov. Khar.prom. no.2:53-58 Ap-Je '62.

UKRAINE—FISH, CANNED
New types of canned food. D. I. Skuloudi'ka. Khar.prom. no.2 87-88 Ap-Je '62.

UKRAINE—FLAX
Effect of the quality of seeds on the increase of fiber flax yields. V. F. Nastenko. Nauk. pratsi Ukr.nauk.-dosl. inst. zem. 11 28-32 '61.

UKRAINE—FLAX—HARVESTING
Results of technological research on the harvesting of flax by stages. L. M. Kliatis. Visnyk sil'hosp. nauky 5 no.8:27-31 Ag '62.

UKRAINE—FOOD INDUSTRY
Ukrainian food industry during 1962. Khar.prom. no.2: 3-4 Ap-Je '62.

UKRAINE—FOREIGN RELATIONS
Khmil', I. S. [We carried the banner of peace through the flame of war; foreign relations of the Ukrainian S. S. R. in 1917-1920] S praporom miru kriz' polum'ia viiny; dyplomatychna diial'nist' Ukrains'koi RSR, 1917-1920. Kyiv, Vyd-vo Akad. nauk URSR, 1962. 353 p.

UKRAINE—FOREST MANAGEMENT
Studying improvement cuttings in the plantations of fast-growing species. M. V. Romashov, H. I. Red'ko. Visnyk sil'hosp. nauky 5 no.8:73-75 Ag '62.

UKRAINE—FORGING
Developing forging and stamping production in the Ukraine. P. Zharkov. Ekon. Rad. Ukr. no.5:67-71 S-O '62.

UKRAINE—FRUIT CULTURE
Depth and methods of plowing before planting orchards in various soils of the Ukrainain S. S. R. M. P. Tarasenko, N. H. Il'chyshyna, O. P. Semenova. Visnyk sil'hosp. nauky 5 no.8:61-66 Ag '62.
Results of thirty-year research on soil management in young and fruit-bearing orchards. S. S. Rubin. Visnyk sil'hosp. nauky 5 no.8:52-60 Ag '62

UKRAINE—FUSULINIDAE
Quasiendothyra and related forms from Lower Carboniferous of the Donets Basin and other Ukrainian regions N. E. Brazhnikova. Trudy inst. geol. nauk AN URSR. Ser. strat. i paleont. no.44:3-48 '62.

UKRAINE—GAMES
[We have fun in our detachment; the third meeting of grades 7-8] U nas v zahoni veselo; III skhodynka VII-VIII klasy. Kyiv, Derzh. vyd-vo dytiachoi lit-ry URSR, 1962. 20 p. (Znai, umii, zrobyy)

UKRAINE—GEOGRAPHICAL SOCIETIES
Information. I. K. Holovach. Geog. zbir. no.6:207-209 '62.
Resolutions of the Academic Council of the Ukrainian Geographical Society. P. K. Zamorii, A. S. Kharchenko. Geog. zbir. no.6:209-211 '62.
Work report of the Ukrainian Geographical Society for 1960. P. K. Zamorii, A. S. Kharchenko. Geog. zbir. no.6:201-207 '62.

UKRAINE—GEOGRAPHY
Decree of the Academic Council of the Ukrainian Geographical Society. P. K. Zamorii, A. S. Kharchenko. Geog. zbir. no.6:211-212 '62.
"Geography of the Ukrainian S. S. R."; textbook for the eighth grade of the eight-year school by A. T. Dibrova. Reviewed by E. Kapchinskaia. Izv. Vses. geog. ob-va 94 no.4:357-358 Jl-Ag '62.

UKRAINE—GEOLOGY—MAPS
Conferences on the problems of the general geological survey in the Ukrainian S. S. R. V. O. Nechaev. Geol. zhur. 22 no.4:112-114 '62.

UKRAINE—HISTORY
Mysteries of ancient Russia. A. Znoiko. Vokrug sveta no.8:45-48 Ag '62.

UKRAINE—HOLIDAYS
Ukrainian seminar discusses the problems of contemporary national holidays and customs. V. Kepka. Nar. tvor. ta etn. 6 no.1:148-149 Ja-Mr '62.

UKRAINE—INDUSTRIAL MANAGEMENT
Balance of the enterprise is on the agenda of daily production conferences. I. Zonin. Ekon. Rad. Ukr. no.5:115-118 S-O '62.

UKRAINE—INDUSTRIES
Akademiia nauk URSR, Kiev. Instytut istorii. [Chronicle of the building of communism in the Ukraine; the events of 1959-1961] Litopys kommunistychnoho budivnytstva; khronika podii na Ukraini, 1959-1961. Kyiv, Vyd-vo Akad. nauk URSR, 1962. 421 p.

UKRAINE—INSTRUMENT INDUSTRY
Effectiveness of the specialization and cooperation in the instrument industry of the Ukraine. N. N. Skvortsov. Priborostroenie no.9:29-31 S '62.

UKRAINE—IRON AND STEEL PLANTS—STATISTICS
Production of cast iron in the Ukraine. G. IA. Rutkovskii, N. E. Siderov. Met. i gornorud. prom. no.4:7-9 Jl-Ag '62.

UKRAINE—KARAKUL SHEEP

Results of developing the new "multiparous karakul" sheep breed. I. L. Peregon. Visnyk sil'hosp. nauky 5 no.8,80-87 Ag '62

UKRAINE—LABOR AND LABORING CLASSES—DWELLINGS

New workers' dwellings M. P. Prikhod'ko. Nar. tvor. ta etn. 6 no.1 42-47 Ja-Mr '62.

UKRAINE—LABOR PRODUCTIVITY—CONGRESSES

Coordinating conference on the problems of labor productivity. L. Lypchans'ka. Ekon. Rad. Ukr. no.5 126-127 S-O '62.

UKRAINE—LABOR SERVICE

Early history of the mass overtime work of volunteers on Saturdays in the Ukraine, 1920. D. IA. Freilikher Ist. SSSR 6 no.5;145-151 S-O '62.

UKRAINE—LAND TENURE

Decision of the Third Congress of the Communist Party (Bolshevik) of the Ukraine on the agrarian question. A. F. Chmyga. Vop. ist. KPSS 6 no 5:97-105 '62.

UKRAINE—LANGUAGES

Activities of the O. O. Potebnia Institute of Linguistics of the Academy of Sciences of the Ukrainian S. S. R. during 1960. M. M. Peshchak, L. S. Palamarchuk. Movoznavstvo 16,125-131 '61.

Tasks and prospects of linguistics in our republic. Movoznavstvo 16,3-12 '61.

UKRAINE—LOESS

Bykova, V. S. [Loess types in the southern Ukraine and their engineering geological characteristics] Tipy lessovykh porod luga Ukrainy i ikh inzhenerno-geologicheskaia kharakteristika. Moskva, Izd-vo Akad. nauk SSSR, 1962. 108 p. (Akademiia nauk SSSR. Laboratoriia gidrogeologicheskikh problem. Trudy, vol. 40)

Rhythmic stratification of loess formation in the high altitude areas of water devides in the southern part of the Ukraine. O. N. Voznesens'kyi. Geog. zbir. no.6 43-51 '62.

UKRAINE—MACHINERY INDUSTRY—LABOR PRODUCTIVITY

Hidden potentialities for increasing labor productivity in machinery manufacturing of the Republic. S. IAmpol's'kyi, I. Dianov. Ekon. Rad. Ukr. no.5,20-26 S-O '62.

UKRAINE—MAGNETISM, TERRESTRIAL

Paleomagnetism and paleoclimate of the Upper Devonian of the Ukraine. A. N. Tretiak. Geofiz. sbor. no.3, 104-108 '62.

UKRAINE—METALLURGICAL RESEARCH

Meeting of the Scientific Council to "Accelerate and perfect existing and develop new processes for the production of metals on the basis of Ukrainian deposits of ores and fuels." A. A. Shitov. Met. i gornorud. prom. no.3 87 My-Je '62.

UKRAINE—MINT (BOTANY)—FERTILIZERS AND MANURES

Effect of fertilizers on the yield of tops and rhizomes of the mint. N. N. Hyndych. Visnyk sil'hosp. nauky 5 no.8;112-113 Ag '62

UKRAINE—MOTION PICTURES

How to improve the guidance of the development of feature films in the Ukraine. Komm. Ukr. 38 no.9;52-54 S '62.

UKRAINE—OPEN-HEARTH PROCESS—STATISTICS

Steel production by 1 m^2 of surface of open-hearth furnaces in the Ukrainian S. S. R. Met. i gornorud. prom. no.3,88 My-Je '62

UKRAINE—PALEOCLIMATOLOGY

Paleomagnetism and paleoclimate of the Upper Devonian of the Ukraine. A. N. Tretiak. Geofiz. sbor. no.3, 104-108 '62.

UKRAINE—PALEOGEOGRAPHY

Natural and geographical surroundings of neolithic man in the Ukraine. D. IA. Telehin. Arkheologiia 14;76-81 '62.

UKRAINE—PALEONTOLOGY—BIBLIOGRAPHY

Book Section of the Geological Museum of the I. Franko University in Lvov. Z. I. Khmilevskii. Paleont. sbor. [Lvov] no.1;165-166 '61.

Current book collections in the Museum of National History of the Academy of Sciences of the Ukrainian S. S. R. in Lvov. V. T. Levitskii. Paleont. sbor. [Lvov] no.1;166-167 '61.

Current book collections of the macro- and microfauna held in the Department of Tectonics and Stratigraphy of the Institute of the Geology of Mineral Deposits of the Academy of Sciences of the Ukrainian S. S. R. S. V. Rozumeiko. Paleont. sbor. [Lvov] no.1;167 '61.

Current literature on microfauna held in the Ukrainian Scientific Research Institute for Mining and Ore Dressing. R. A. Kostenok. Paleont. sbor. [Lvov] no.1;167-168 '61.

UKRAINE—PEACH

Occurrence of nectarines on common downy peach trees. G. P. Rudkovskii. Agrobiologiia no.4;630 Jl-Ag '62.

UKRAINE—PEAS—FERTILIZERS AND MANURES

Effect of fertilizers on the yield of peas as predecessors to winter wheat in the forest-steppe. O. P. Didychenko, M. A. Rozhon. Nauk. pratsi Ukr. nauk.-doslid. inst. zem. 11 23-27 '61.

UKRAINE—PEASANT UPRISINGS

"The Ukrainian peasant movement during the carrying out of the Reform of 1861" by N. N. Leshchenko. Reviewed by IA. I. Linkov. Ist. SSSR 6 no 5;177-181 S-O '62.

UKRAINE—PHYTOGEOGRAPHY

Geobotanical regionalization of the Ukrainian S. S. R. [with summary in English]. H. I. Bilyk, Ie. M. Bradis. Ukr. bot. zhur. 19 no. 4 23-32 '62

UKRAINE—PLANT BREEDING

Following Michurin's path. I. E. Glushchenko. Vest. sel'khoz. nauki 7 no. 6 50-59 Je '62.

Half a century's struggle for the development of progressive agrobiologic science. A. S. Musiko. Vest. sel'khoz. nauki 7 no. 6;40-49 Je '62.

UKRAINE—POLITICS AND GOVERNMENT

Akademiia nauk URSR, Kiev. Instytut istorii. [Chronicle of the building of communism in the Ukraine; the events of 1959-1961] Litopys kommunistychnoho budivnytstva, khronika podii na Ukraini, 1959-1961. Kyiv, Vyd-vo Akad. nauk URSR, 1962. 421 p.

UKRAINE—POPULATION

Solovei, Dmytro. [Forced colonization of the Kazakh Republic by the Ukrainian population, explanation of the question why the Ukrainian population in the Ukraine is diminishing] Prymusova kolonizatsiia Kazakhs'koi respubliky ukrains'koiu liudnistiu; do vyiasnennia pytannia, chomu na Ukraini zmenshuiet'sia vidnosna kil'kist' ukraintsiv. Munich, 1961. 10 p. (Vidbytka z zhurnalu "Vil'na Ukraina," ch. 29)

UKRAINE—POTATOES

Distribution of potato plantations in the Ukraine. D. I. Zhurbin. Visnyk sil'hosp. nauky 5 no 8,9-7 Ag '62.

UKRAINE—PRECAST CONCRETE CONSTRUCTION

Industrialization of housing construction in the Ukraine. G. Baklanov. Zhil. stroi. no. 9;3-5 '62.

UKRAINE—PRODUCTION CONTROL

Over-all inspection of production quality in the Ukraine. M. S. Brif'. Standartizatsiia 26 no.9;27-28 S '62.

Ukrainian Conference on Industrial and Automatic Control Devices. IU. M. Bukl. Prihorostroenie no.9; 32 S '62.

UKRAINE—PUBLIC HEALTH—CONGRESSES

Conference on the history of hygiene and sanitation in the Ukraine. B. D. Petrov. Gig. i san. 26 no.12;90-93 D '61.

UKRAINE—PUBLISHERS AND PUBLISHING

Publishing house of the Central Committee of the Communist Party of the Ukraine "Proletarii." T. A. Skripnik. Kniga; issl. i mat. 6;52-70 '62.

UKRAINE—RELATIONS (GENERAL) WITH POLAND

Evseev, I. F. [Cooperation between the Ukrainian S. S. R. and the Polish People's Republic, 1944-1960] Sotrudnichestvo Ukrainskoi SSR i Pol'skoi Narodnoi Respubliki, 1944-1960 gg. Kiev, Izd-vo Akad. nauk USSR, 1962. 366 p.

UKRAINE—RELATIONS (GENERAL) WITH TAJIKISTAN

Week of Tajik literature in the Ukraine. Rad. lit. 6 no. 5,155 S-O '62.

UKRAINE—RESTAURANTS, LUNCHROOMS, ETC.

Advanced experience to all, from the conference of the Ukrainian Republic. Obshchestv. pit. no. 6 8-11 Je '62.

UKRAINE—RESTAURANTS, LUNCHROOMS, ETC.—MANAGEMENT

Measuring labor productivity. A. Kocherga. Obshchestv. pit. no. 6;43-46 Je '62

UKRAINE—ROTATION OF CROPS

Best predecessors for basic field crops in the steppe of the Ukrainian S. S. R. A. V. Taran, K. V. Dem'ianenko. Zemledelie 24 no. 6;23-26 Ag '62.

Characteristics of fertilizing winter wheat sown after corn. V. A. Il'chenko. Visnyk sil'hosp. nauky 5 no. 8; 41-47 Ag '62.

Main types of row crop rotations in the Ukraine. V. O. Pastushenko. Visnyk sil'hosp. nauky 5 no. 8;32-40 Ag '62.

UKRAINE—SINTERING

Sintering in the Ukrainian S. S. R. during three years of the seven-year plan. N. E. Sidorov. no. 3-3-6 My-Je '62.

UKRAINE—SMUTS

Importance of farming practices in controlling the common bunt of winter wheat in the steppe of the Ukrainian S. S. R. M. M. TSumbal. Zemledelie 24 no. 8;60-62 Ag '62.

UKRAINE—SOCIAL LIFE AND CUSTOMS

Ukrainian seminar discusses the problems of contemporary national holidays and customs. V. Kopka. Nar. tvor. ta etn. 6 no. 1 118-119 Ja-Mr '62.

UKRAINE—SOIL CONSERVATION

Direction of sowing rows may prevent the washing off of soil. N. K. Shikula. Zemledelie 24 no. 8 11-16 Ag '62.

Methods for working out erosion control measures. O. S. Skorodumov. Nauk. pratsi Ukr. nauk.-doslid. inst. zem. 11;110-116 '61.

Preventing the silting of ponds. IU. A. Vasylenko. Nauk. pratsi Ukr. nauk.-doslid. inst. zem. 11 117-123 '61.

UKRAINE—SOLONETZ SOILS

Basic tillage for saltalved soils in the Ukrainian S. S. R. H. N. Sambur, T. D. Katerynych. Nauk. pratsi Ukr. nauk.-doslid. inst. zem. 11 116-131 '61.

UKRAINE—SOYBEAN

Combined growing of corn and soybean for silage in the steppe of the Ukrainian S. S. R. [with summaries in English, German, and French]. A. P. Gritenko, A. L. Livenskii. Vest. sel'khoz. nauki 7 no. 8 25-30 Ag '62.

UKRAINE—STATISTICS

Ukraine. Statisticheskoe upravlenie. [The national economy of the Ukrainian S. S. R. in 1960, a statistical yearbook] Narodne hospodarstvo Ukrains'koi RSR v 1960 rotsi, statystychnyi shchorichnyk. Kyiv, Derzh. stat. vyd-vo, 1961. 555 p.

UKRAINE—STONE AGE

Natural and geographical surroundings of neolithic man in the Ukraine. D. IA. Telehin. Arkheologiia 14 76-81 '62.

UKRAINE—STRENGTH OF MATERIALS

The first scientific session on physicochemical mechanics of materials in the Ukraine. V. T. Stepanenko. Prykl. mekh. 8 no. 5,575-577 '62.

UKRAINE—SUGAR BEETS—FERTILIZERS AND MANURES

Effectiveness of methods for applying fertilizers to sugar beets in fields plowed with and without a moldboard. V. V. Pshebel's'kyi. Nauk. pratsi Ukr. nauk.-doslid. inst. zem. 11,66-69 '61.

UKRAINE—SUGAR MANUFACTURE

Filtration of sugar juices with disk filters. V. A. Zambrovskii. Khar. prom. no. 2;40-46 Ap-Je '62.

UKRAINE—SUNFLOWERS

Effectiveness of using some herbicides against weeds in growing sunflowers. D. S. Vasyl'iev. Visnyk sil'hosp. nauky 5 no. 8;48-51 Ag '62.

UKRAINE—TECHNICAL EDUCATION

Progressive and tested way. V. T. T'Sukanova. Vest. vys. shkoly 20 no. 9;31-36 S '62

UKRAINE—TRADE UNIONS

The Ukraine welcomes friends. I. Kravchenko. Sov. profsoiuzy 18 no 19 43 O '62

UKRAINE—TRANSPORTATION, AUTOMOTIVE—*FREIGHT*

Increasing the efficiency of the utilization of automotive transportation serving trade. V. Horodko, D. Petrov. Ekon. Rad. Ukr. no. 5 72-76 S-O '62.

UKRAINE—VEGETABLES—VARIETIES

Breeding vegetables and vine crops in the Ukraine. F. A. Tkachenko. Visnyk sil'hosp. nauky 5 no. 8;67-72 Ag '62.

UKRAINE—VIEWS

[Through Soviet Ukraine; photo reports] Po rad. Ukr. no 8 '62.

UKRAINE—VINE CROPS

Economic effectiveness of the production of vine crops for food on collective farms in the Ukrainian S. S. R. B. S. Volkotrub. Visnyk sil'hosp. nauky 5 no. 8;6-13 Ag '62.

UKRAINE—VINE CROPS—VARIETIES

Breeding vegetables and vine crops in the Ukraine. F. A. Tkachenko. Visnyk sil'hosp. nauky 5 no. 8;67-72 Ag '62.

UKRAINE—VISITORS, FOREIGN

The Ukraine welcomes friends. I. Kravchenko. Sov. profsoiuzy 18 no. 19;43 O '62

UKRAINE—WATER RESOURCES DEVELOPMENT

Water resources of the Ukraine and their utilization. H. I. Shvets'. Geog. zbir. no. 6;100-103 '62.

UKRAINE—WEED CONTROL

Effectiveness of using some herbicides against weeds in growing sunflowers. D. S. Vasyl'iev. Visnyk sil'hosp. nauky 5 no. 8;48-51 Ag '62.

UKRAINE—WHEAT

Rhizosphere and root microflora of winter wheat preceded by lupine as a fallow crop. S. A. Samsonovych, V. M. Borysova. Nauk. pratsi Ukr. nauk.-doslid. inst. zem. 11; 14-19 '61.

UKRAINE—WHEAT—DISEASES AND PESTS

Importance of farming practices in controlling the common bunt of winter wheat in the steppe of the Ukrainian S S R M. M. TSumbal Zemledelie 21 no 8 60-62 Ag '62.

UKRAINE—WHEAT—FERTILIZERS AND MANURES

Characteristics of fertilizing winter wheat sown after corn. V. A. Il'chenko Visnyk sil'hosp. nauky 5 no 8: 41-47 Ag '62.

Effect of fall fertilizing on the frost resistance and yield of winter wheat; comparing with band placement of fertilizers. N. A. Fedorova. Nauk. pratsi Ukr. nauk.-dosl. inst. zem. 11:3-8 '61.

UKRAINE—WINTER

From the history of severe winters in the Ukraine. I. B. fAheszins'ka Geog zbir no 6 85-90 '62.

UKRAINE—WORKS COUNCILS

Balance of the enterprise is on the agenda of daily production conferences. I. Zenin. Ekon. Rad. Ukr. no. 5:115-118 S-O '62.

UKRAINE—WORLD WAR, 1939-1945

Whom did this head serve? Vladimir Beliaev Nauka i rel. no. 6:28-32 Je '62.

UKRAINE—WORLD WAR, 1939-1945—UNDERGROUND MOVEMENTS

Medvedev, D.N. [This happened near Rovno] Eto bylo pod Rovno Moskva, Detgiz, 1962 206 p (Shkol'naia biblioteka)

UKRAINE—YOUTH

Hryshko, Vasyl'. [Young Ukraine of the postrevolutionary 40 years under the soviets, general survey and some results of the struggle for youth and the struggle of youth in the Soviet Ukraine for 40 years, 1918-1958] Moloda Ukraina porevoliutsiinoho sorokalittia pid Sovetamy, zahal'nyi chliad i deiaki pidsumky borot'by za molod' ta borot'by molodi v pidsovets'kii Ukraini za 40 rokiv, 1918-1958. [Neu-Ulm] Ukraina, 1958. 224 p.
(NN)

UKRAINE, WESTERN—CAPITAL INVESTMENTS

Capital investments into the petroleum refining industry of the western provinces of the Ukraine and their economic efficiency. Z. Zabors'ka. Ekon. Rad. Ukr. no. 5: 87-93 S-O '62.

UKRAINE, WESTERN—DRAINAGE

Effectiveness of the work of drainage systems restored according to simplified projects in western provinces of the Ukrainian S.S.R. P.A. Volkovskii. Izv. TSKHA no. 3 144-159 '62.

UKRAINE, WESTERN—ECONOMIC CONDITIONS

"The building of socialism in the western provinces of the Ukraine, 1945-1950" by I. Bogodist. Reviewed by N. A. Butsko, V. M. Taranenko. Ist SSSR 6 no 5:183-184 S-O '62.

UKRAINE, WESTERN—GEOLOGY—BIBLIOGRAPHY

Literature on paleontology and stratigraphy of western provinces of the Ukrainian S.S.R. published in 1960. V. A. Bolko. Paleont. sbor. [Lvov] no. 1:168-169 '61.

UKRAINE, WESTERN—PETROLEUM—REFINING

Capital investments into the petroleum refining industry of the western provinces of the Ukraine and their economic efficiency. Z. Zabors'ka. Ekon. Rad. Ukr. no. 5: 87-93 S-O '62.

UKRAINE, WESTERN—PHYTOGEOGRAPHY

Zonality of the plain area of Lvov and adjoining provinces [with summary in English]. I. S. Amelin. Ukr. bot. zhur. 19 no. 4:33-39 '62.

UKRAINE, WESTERN—SUGAR BEETS—FERTILIZERS AND MANURES

Effect of fertilizers on the yield of sugar beets in leached Chernozem soils. I. H. Predko, M. IA. Lino-byts'ka. Nauk. pratsi Ukr. nauk.-dosl. inst. zem. 11: 64-65 '61.

Fertilizing sugar beets in turf-calcareous soils. V. M. Rybak, S. O. Skoryna. Nauk. pratsi Ukr. nauk.-dosl. inst. zem. 11:57-63 '61.

UKRAINIAN AUTHORS see Authors, Ukrainian

UKRAINIAN DRAMA

Folklore elements in present-day Ukrainian drama. L. I. Baraban. Nar. tvor. ta etn. 6 no. 1:89-94 Ja-Mr '62.

UKRAINIAN FOLKLORE see Folklore, Ukrainian

UKRAINIAN FOLK SONGS see Folk songs, Ukrainian

UKRAINIAN LANGUAGE

Intensive studies of new processes in the development of the Ukrainian language. Movoznavstvo 16:88-91 '61.

UKRAINIAN LANGUAGE—ADVERB

Adverbs formed from adjectives with the suffix "-s'k-." V. IU. Franchuk. Movoznavstvo 15:52-58 '61.

UKRAINIAN LANGUAGE—CONSONANTS

Pronunciation of dental consonants preceding an "i" in the Ukrainian literary language. M. A. Zhovtobriukh. Movoznavstvo 16:68-75 '61.

UKRAINIAN LANGUAGE—DIALECTS

Intensification of the integration process of territorial dialects. V. S. Vashchenko. Movoznavstvo 16:98-99 '61.

UKRAINIAN LANGUAGE—LEXICOLOGY

News on lexicology. P. P. Dotsenko. Movoznavstvo 16 91-93 '61.

UKRAINIAN LANGUAGE—NOUN

Noun form of the fourth declension in the Ukrainian language. I. G. Matvias. Movoznavstvo 16 36-51 '61.

Some features of noun formation. M. IU. Pliushch. Movoznavstvo 16:95-96 '61.

UKRAINIAN LANGUAGE—PREPOSITIONS

Kolodiazhnyi, A. S. [Preposition, materials for lectures in a course on the present-day Ukrainian literary language] Prymennyk; materialy do liktsii z kursu suchasnoi ukrains'koi literaturnoi movy. Kharkiv, Vydvo Kharkivs'koho univ , 1960. 164 p.
(MH)

UKRAINIAN LANGUAGE—PRONUNCIATION

Pronunciation of dental consonants preceding an "i" in the Ukrainian literary language. M. A. Zhovtobriukh. Movoznavstvo 16 68-75 '61.

UKRAINIAN LANGUAGE—STYLE

Comparative studies of the relation between the Russian and Ukrainian literary languages. G. P. Izhakevich. Movoznavstvo 16:13-23 '61.

Effect of journalistic style on literary language. A. P. Koval'. Movoznavstvo 16:95-98 '61.

UKRAINIAN LANGUAGE—*TERMS AND PHRASES*

New tendencies in the development of agricultural terminology. M. F. Boyko. Movoznavstvo 16:93-95 '61.

UKRAINIAN LANGUAGE—TEXTBOOKS FOR FOREIGNERS

Kanjuka, S. M. and others. [The Ukrainian language] Ukrains'ka mova. Kyiv, Radians'ka shkola.
Pt. I. [Phonetics and morphology, *textbook for* grades 5-7 of the Russian eight-year school] Fonetyka i morfolohiia, pidruchnyk dlia 5-7 klasiv vos'myrichnoi shkoly z *rosiis'koiu* movoiu navchannia. Za red. V. I. Masal's'koho. Vyd. 3, 1962. 230 p.

UKRAINIAN LANGUAGE—VOWELS

Basic results and further tasks of studies of vowel phonemes in the Ukrainian literary language. N. I. Tots'ka. Movoznavstvo 16:59-67 '61.

UKRAINIAN LITERATURE

Oral folk tradition and the mass popular literature. A. K. Moreeva, O. E. Lesyn. Nar. tvor. ta etn. 6 no. 1:31-37 Ja-Mr '62.

UKRAINIAN LITERATURE—HISTORY AND CRITICISM

At Uzhgorod University. V. L. Mykytas'. Rad. lit. 6 no. 5:156 S-O '62.

Defending graduation theses at Kiev State University. V. IA. Nedil'ko. Rad. lit. 6 no. 5:158 S-O '62.

"A historical study of Ukrainian literature;" Vols. 2-4. Reviewed by P. IA. Leshchenko. Rad. lit. 6 no. 5:146-149 S-O '62.

Literature of great humanism. Rad. lit. 6 no. 5:3-7 S-O '62.

"The literary fictional type and its prototype" by G. A Viazovs'kyi. *Reviewed by A. Bogdanov.* Vop. lit. 6 no. 9:230-231 S '62

[Literary portraits; critical and biographical *studies*] *Literaturni* portrety; krytyko-biohrafichni narysy. Kyiv, Radians'kyi pys'mennyk.
Vols. 1-2, 1960.

Signs of the times. V. P. Vinsenko, A. O. *Kovtunenko.* Rad. lit. 6 no. 5:8-22 S-O '62.

"Ukrainian writers on literature and language." A. M. Khalimonchuk. Rad. lit. 6 no. 5:144-146 S-O '62.

V'iazovs'kyi, H. A. [The literary type and its prototypes] Literaturno-khudozhnii typ i joho prototypy. Kyiv, Derzhlitvidav Ukrainy, 1962. 73 p. (Besidy pro khudozhniu *literaturu*)

UKRAINIAN POTTERY see Pottery, Ukrainian

UKRAINIANS see subdivision under Kazakhstan

UKRAINKA, LESIA, 1871-1913

A bill of charges. IE. Serhiienko. Votov. ateist. no. 12: 52-54 D '61.

UL'IANOV, ALEKSANDR IL'ICH, 1866-1887

Aleksandr Ul'ianov's manuscript. M. I. Malin. Priroda 51 no. 7:87-90 Jl '62.

UL'IANOV FAMILY

Interesting letters. A. Savitskii. Komm. Uz. 34 no. 9: 91-92 S '62.

ULTRABASITE see subdivision under Kuybyshev Province

ULTRABASITES see subdivision under Ponzhina Range; Tien Shan

ULTRASONIC METAL-CUTTING

Veroman, V. IU [Oscillating systems of ultrasonic machines, verbatim report of a lecture] Kolebatel'nye sistemy ul'trazvukovykh stankov, stenogramma lektsii Leningrad, 1962. 29 p (Leningradskii dom nauchno-tekhnicheskoi propagandy. Seriia Elektricheskie metody obrabotki materialov)

ULTRASONIC TESTING

Determining the strength of rocks and coal by means of ultrasonic waves. M. N. Gamaniuk. Ugol' Ukr. 6 no. 9 17-19 S '62.

Ultrasonic control of crankshafts made of nodular cast iron [with summary in English] G. K. Burdug and others Nauch trudy Inst lit proizv. AN URSR 11:65-69 '62.

Ultrasonic testing method for studying the structural nonuniformity of rails. G. V. Zarochentsev. Vest. *TSNII MPS 21 no. 6:11-16 '62.*

ULTRASONIC WAVES

Absorption of ultrasonic waves in superconductors. V. P. Silin, G. L. Kotkin. Fiz. met. i metalloved. 14 no. 3:456-457 S '62.

ULTRASONIC WAVES—INDUSTRIAL APPLICATIONS

G. A IUrasov's crew of painters uses an ultrasonic emulsifier. V. I. Uglitskii Transp. stroi 12 no. 8 8-9 Ag '62.

Study of solid concrete with ultrasonic waves A. K. Tret'iakov, A M Filonidov. Energ. stroi no 27 61-66 '62.

Ultrasonic detection of defects in ceramic products. V. F. Shushkin, F. S. Ivanov Stek. i ker. 19 no. 8 21-23 Ag '62.

Ultrasonic emulsifier. Stroi. i dorkhit. Len. 24 no. 2:39 F '62.

Use of sound vibrations in the scouring and dyeing of woolen fabrics and fibers. E. G. Tokar', L. F. Kuchina. Tekst. prom. 22 no. 9:31-34 S '62.

Using ultrasonic waves for studying petroleum systems. A V. Savinikhina, G. F. Trebin. Nauch. tekh. shor. po dob. nefti no. 1:40-43 '58.

ULTRASONIC WAVES—MEASUREMENT

Adaptation of a thermometer for measuring the intensity of ultrasonics O E. TSok Med prom 16 no 7 49-52 Jl '62.

ULTRASONIC WAVES—THERAPEUTIC USE

Search for optimum regimes for the sterilization of blood serum and blood substitute solutions in an ultrasonic field. V. M. Maikina. Probl. gemat. i perel. krovi no. 6: 40-43 '62.

ULTRAVIOLET RAYS

(see also subdivision under Lvov; Sverdlovsk)

Synthesis of urea under the action of vacuum ultraviolet radiation [with *summary in English*]. N. IA. Dodonova. Vest. LGU 17 no. 10:144-146 '62.

Underwater ultraviolet emitter. Ryb. prom. 56:20-24 '61.

ULTRAVIOLET RAYS—PHYSIOLOGICAL EFFECT

Biological effects of ultraviolet rays. V. A. Barabol. *Usp. sovr. biol. 53* no. 3:265-280 My-Je '62.

Comparative study of light and dark reactivation of yeast cells of different ploidy injured by ultraviolet radiation [with summary in English]. V. I. Korogodin and *others.* Zhur. ob. biol. 23 no. 1:302-307 Jl-Ag '62.

ULUKHE VALLEY—MINERALOGICAL CHEMISTRY

Petrochemical characteristics of the Koksharovka massif of ultrabasic and alkali rocks and postmagmatic formations associated with them. M. G. Rub, V. I. Levitskii. Trudy IGEM no. 76:99-124 '62.

UL'YANOVSK—CONVEYING MACHINERY

Push conveyors with automatic addressing of goods used at the Ul'yanovsk Automobile Plant. V. N. *Demokritov.* Biul. tekh.-ekon. inform. Gos. nauch.-issl. inst. nauch. i tekh. inform. no. 9:40-44 '62.

UL'YANOVSK PROVINCE—LIBRARIES

Let's propagandize the works of Lenin. O. Bellaeva, E. Perukhina. Bibliotekar' no. 9:38-40 S '62

UNDERDEVELOPED AREAS

"Common market" as a state-monopoly agreement of the financial oligarchy. N. S. Khrushchev. Vnesh. torg 42 no 8:3-6 '62.

Knpranov, I. A. [The two types of aid] Dva vida pomoshchi. Moskva, Izd-vo "Znanie," 1962. 31 p. (Novoe *v zhizni, nauke, tekhnike.* VII Seriia: Mezhdunarodnaia, no. 17)

The price of colonialism; evidence of a profound crisis in American social life. O. N. IAkovlevn. Vop. filos. *16 no. 9:165-168* '62.

Problems of the transition of formerly underdeveloped countries to socialism. M. Kh. Igitkhanian. Vest. AN SSSR 32 no. 9:142-148 S '62.

Role of the aid supplied by socialist countries in developing the economy of young national states. V. D. Shchetinin. Uch. zap. IMO no. 6:3-18 '61.

Struggle of principal capitalist states for the markets of underdeveloped countries. A. I. Kochetkov. Uch. zap. MGPI 173:139-222 '61.

UNDERDEVELOPED AREAS (Continued)

Two worlds, two types of assistance. A.Savin and others. Az.i Afr.seg. no.9 12-21 S '62.

"Underdeveloped areas and regions in the economy of developing capitalism" [in Italian] by W Kula Reviewed by IU. P Lisovskii. Vop ist no 9 182-183 S '62

UNDERDEVELOPED AREAS—COMMERCE

"Common Market" and the countries of Asia and Africa [with English summary in insert] V.Miasnikov. Az. i Afr.seg. no.9:3-5 S '62.

"Underdeveloped countries in the world capitalistic economy" by V Rymalov, V Tiagunenko. Reviewed by A Borisov Vnesh.torg 42 no 9 47-50 '62.

UNDERDEVELOPED AREAS—FOREIGN ECONOMIC RELATIONS—GERMANY, WEST

Collapse of the colonial system of imperialism and the struggle of the German Federal Republic for "direct relations" with underdeveloped countries. V.M Kachalin Uch.zap.IMO no 6:19-40 '61.

UNDERGROUND CONCRETE CONSTRUCTION

Longitudinal stresses arising in reinforced concrete shells during vibration sinking I I Kazei, V P Polivko Trudy TSNIIS no 45 73-91 '62

UNDERWATER WELDING AND CUTTING

Characteristics of underwater welding by the supported electrode method. N.M. Madatov Avtom svar 15 no.9:63-66 S '62.

UNDULANT FEVER see Brucellosis

UNEMPLOYMENT INSURANCE see Insurance, Unemployment

UNION CATALOGS see Catalogs, Union

UNION OF SOVIET SOCIALIST REPUBLICS see Russia

UNITED ARAB REPUBLIC

Sutiagin, P.G. [The United Arab Republic] Ob"edinennaia Arabskaia Respublika. Leningrad, Ob-vo po rasprostraneniiu polit. i nauchn. znanii RSFSR, 1961. 58 p.
(NNC)

UNITED NATIONS

In the organization of one-hundred and nine nations. N Sergeeva. Nov.vrem 20 no 42 1-6 O '62

Narrow and broad concepts. N.Sergeeva. Nov.vrem. 20 no.43:7-9 O '62.

Program for peace. Nov.vrem. 20 no.40,1-2 O '62.

UNITED NATIONS—APPROPRIATIONS AND EXPENDITURES

Unjustified swelling of the United Nations budget. K.Kiselov. Mezhdunar.zhizn' 9 no.10:25-28 O '62.

UNITED NATIONS—COMMISSIONS

The 12th Session of the Statistical Commission of the United Nations. V.B. Ekon.Rad.Ukr. no.5:100-102 S-O '62.

UNITED NATIONS—MEMBERSHIP

China and the U.N. Nov.vrem. 20 no.40:3 O '62.

UNITED STATES—ACCOUNTING

Using electronic calculating machines in accounting in the U.S.A. A.Mukhin. Bukhg.uchet 19 no.7:72-76 Jl '62.

UNITED STATES—AGRICULTURE

Efforts of the U.S. Government to prevent depression in agriculture. R.Entov. Otv.na vop.trud no.6:39-44 Je '62.

UNITED STATES—ANTI-COMMUNIST MOVEMENTS

The spy of God Jehovah. S.Boiko. Nauka i rel. no.6: 33-34 Je '62.

UNITED STATES—ASTRONAUTICS

Comparison between the Soviet space ships and the largest American rockets and earth satellites. Mezhdunar.zhizn' 9 no.10:130-137 O '62.

UNITED STATES—ATOMIC SUBMARINES

American atomic rocket-carrying submarines. T.Kirillov. Mir.ekon.i mezhdunar.otn. no.10:123-126 O '62.

UNITED STATES—AUTOMATA

A robot for industrial enterprises (from "Electrical Manufacture," no.5, 1961). IA.E.Vol'fkovich. Prom. energ. 17 no.10:38-39 O '62.

UNITED STATES—BLAST FURNACES

Characteristics of blast furnace operations at high temperatures of blow (up to 1100° C) (from "Blast Furnace and Steel Plant," no. 6, 1961). G.D. Muguev. Met. i gornorud.prom no. 3 91-92 My-Je '62.

Programming blast furnace charge materials (from "Iron Age," no. 34, 1961, "Iron and Steel Engineer," no. 9, 1961). G.D. Mugueva. Met. i gornorud.prom. no. 4: 93-94 Jl-Ag '62.

UNITED STATES—CANNING AND PRESERVING

Aseptic preservation of food in the United States. A.O. Telin. Khar.prom. no.2:91-94 Ap-Je '62.

UNITED STATES—CANNING INDUSTRY

Organization of the supply of canning plants with raw materials in the United States and France. G.M. Movshovich. Kons.i ov.prom. 17 no.10:34-35 O '62.

UNITED STATES—CAPITAL INVESTMENTS

Comparing the capital investments of the U.S.S.R. and the U.S.A L.Nesterov, V Chekmazova. Vest.stat no.9 59-67 '62.

UNITED STATES—CAPITALISTS AND FINANCIERS

Zorin, V.S. [Uncrowned kings of America] Nekoronovannye koroli Ameriki] Moskva, Gospolitizdat, 1962. 174 p.

UNITED STATES—CHURCH FINANCE

Financial operations of church "businessmen." V Sarbei. Voiov.ateist no.12:57-50 D '61

UNITED STATES—COMMERCIAL POLICY

Crisis of United States trade policy [with English summary in appendix]. D Kostiukhin, V. Naberov. Vnesh. torg. 12 no.9 6-14 '62

UNITED STATES—COMMUNIST PARTY

American democracy in the dock. Nov.vrem. 20 no.44: 3 O '62.

UNITED STATES—CONVERTERS

New oxygen-blown converter plants in foreign countries. V.D Melezhik Met.i gornorud prom no 3 92-94 My-Je '62

UNITED STATES—CRAWLER TRACTORS

The new "Caterpillar" crawler tractor. E P Logutenok Traktor.i sel'khozmash. 32 no 10.16 O '62.

UNITED STATES—DEFENSES

"The legacy of Hiroshima" [in English] by Edward Teller, Allen Brown. Reviewed by M.Mil'shtein. Mir.ekon. i mezhdunar.otn. no.10,137-141 O '62.

UNITED STATES—DRUGS—LAWS AND LEGISLATION

A new scandal in the drug market. Nov.vrem. 20 no.41: 31 O '62.

UNITED STATES—ECONOMIC CONDITIONS

"Facts on the condition of labor in the U.S., 1950-1960." Reviewed by IA.Kuvshinov. Nov.vrem. 20 no.41:30-31 O '62.

Special features of the industrial development of the U.S.A. A.Bachin. Mir.ekon.i mezhdunar.otn. no.10: 73-85 O '62.

UNITED STATES—ECONOMIC POLICY

Does Dean Rusk adopt David Lawrence's methods? I.Sotnikov. Nov.vrem. 20 no.40,20-21 O '62.

Keynesian theories of the stimulating influence of inflation on industrial production in the United States. B.S. Kachura. Izv. AN Turk.SSR. Ser. obshcestv. nauk no.3:37-49 '62.

UNITED STATES—ELECTIONS

Political struggles in the United States. I. Lapitskii Nov.vrem 20 no 42.7-8 O '62.

UNITED STATES—ELECTRICITY, INJURIES FROM

Statistics of accidents with fatal outcome in the electric power enterprises of the United States during 1960 (from "EEI Bulletin," no.7, 1961). A.E. Vol'fkovich. Prom.energ. 17 no.10:38-39 O '62.

UNITED STATES—ELECTROLYTIC POLISHING

Electrolytic method of metal finishing (from "Mechanical Engineering," no. 2, 1961). IA.E. Vol'fkovich. Prom. energ. 17 no.10:39-40 O '62.

UNITED STATES—ELECTRONIC CALCULATING MACHINES

Using electronic calculating machines in accounting in the U.S.A. A.Mukhin. Bukhg.uchet 19 no.7:72-76 Jl '62.

UNITED STATES—ETHNOPSYCHOLOGY

Ethno-Freudianism in the United States [with summary in English]. IU P. Averkieva Sov.etn no.4:3-15 Jl-Ag '62.

UNITED STATES—FASCISM

The U.S.A.; a threat from the right. Bor.Dmitriev. Mir.ekon.i mezhdunar.otn. no.10:27-38 O '62.

UNITED STATES—FOLKLORE STUDIES

Struggle between reactionary and progressive forces in contemporary folk studies in the United States. L Zemtsanova. Sov.etn. no.4:101-107 Jl-Ag '62.

UNITED STATES—FOREIGN ECONOMIC RELATIONS

The greatest exploiter of the world. Mezhdunar.zhizn' 9 no.10:137-140 O '62.

Kennedy's foreign trade program and American monopolies. Val.Zorin. Mir.ekon.i mezhdunar.otn. no.10: 60-69 O '62.

UNITED STATES—FOREIGN ECONOMIC RELATIONS—AFRICA

A new menace for Africa. D.Kasatkin. Az.i Afr.seg. no.9:43-45 S '62.

UNITED STATES—FOREIGN ECONOMIC RELATIONS—EUROPE, WESTERN

Rivalry in the aggressive bloc. IU.Mel'nikov. Mezhdunar.zhizn' 9 no.10 97-11 O '62.

UNITED STATES—FOREIGN RELATIONS

A dinosaur's egg. G.Gerasimov. Mezhdunar.zhizn' 9 no.10:131-134 O '62.

Does Dean Rusk adopt David Lawrence's methods? I.Sotnikov. Nov.vrem. 20 no.10:20-21 O '62.

When the beast of prey was young. M.Okuneva. Mezhdunar.zhizn' 9 no.10,78-85 O '62.

UNITED STATES—FOREIGN RELATIONS—AFRICA

A new menace for Africa. D.Kasatkin. Az.i Afr.seg. no.9:13-15 S '62.

UNITED STATES—FOREIGN RELATIONS—CUBA

Mr. Rusk's troubles. IU.Bochkarev. Nov.vrem. 20 no.41:8-10 O '62.

The Pentagon's black guard. V.Dymov. Nov.vrem. 20 no.44:7-11 O '62.

Reckless playing with fire. Nov.vrem. 20 no.14:1-2 O '62.

UNITED STATES—FOREIGN RELATIONS—EUROPE, EASTERN

The fate of a doctrine. I.Orlik. Mezhdunar.zhizn' 9 no.10:46-52 O '62.

UNITED STATES—FOREIGN RELATIONS—JAPAN

Japanese relations with the U.S.A. from 1921 to 1931 R.E. Kantor. Vop.ist. no.9:190-191 S '62.

UNITED STATES—FOREIGN RELATIONS—NEAR EAST

"American and English policy in the Near and Middle East" by O.E.Tuganova. Reviewed by R.Andreasian. Mir.ekon.i mezhdunar.otn. no.10:141-147 O '62.

UNITED STATES—GLASS MANUFACTURE

Chemical polishing of sheet glass in the United States (from "Sklar a keramik," no.9, 1961). Stek.i ker. 16 no.9:42 S '62.

UNITED STATES—GRAIN BREEDING

Organization of grain breeding and seed production in the U.S.A. E.T. Varenitun, I.K. Il'chenko. Vest. sel'khoz.nauki 7 no.8:142-150 Ag '62.

UNITED STATES—HISTORIOGRAPHY

Role of the ever-expanding frontier in the history of the U.S.A [with summary in English, pp 221-222]. N.N Bolshovitinov. Vop ist. no 9:57-74 S '62.

UNITED STATES—HISTORY

Akademiia nauk SSSR. Institut istorii. [Essays on the modern and recent history of the United States] Ocherki novoi i noveishei istorii SShA. Moskva, Izd-vo Akad. nauk SSSR, 1960. 5 v. fold.maps.
(NJR)

UNITED STATES—INDUSTRIAL ELECTRIC TRUCKS

Motor truck with crane for the transportation of firebrick. (from "Brick and Clay" February 1962). IA.A. Orlovskii. Ogneupory 27 no.8:387 '62.

UNITED STATES—INDUSTRIES

Special features of the industrial development of the U.S.A. A.Bachin. Mir.ekon.i mezhdunar.otn. no.10: 73-85 O '62.

UNITED STATES—LABOR AND LABORING CLASSES

Zubok, L.I. [Studies on the history of the labor movement in the U.S.A., 1865-1918] Ocherki istorii rabochego dvizheniia v SShA, 1865-1918. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1962, 629 p.

UNITED STATES—METALLURGICAL RESEARCH

Completion of the H-iron process development (from "Iron and Steel Engineer" no. 9, 1961). Z. P. Kod'eva. Met. i gornorud. prom. no. 3.91 My-Je '62.

UNITED STATES—MILITARY POLICY

Irreconcilability to the enemies of communism. S. Kaplin Komm. Vooruzh. Sil 3 no.10:44-48 O '62.

UNITED STATES—MINES AND MINERAL RESOURCES

Mining industry in the U.S.A. in 1960 (from "Engineering and Mining Journal," no. 12, 1960). I.S. Maiboroda Met. i gornorud prom no. 3:94-95 My-Je '62.

UNITED STATES—OIL RESERVOIR ENGINEERING

Moscow. Gosudarstvennyi nauchno-issledovatel'skii institut nauchnoi i tekhnicheskoi informatsii. [Characteristics of the development of certain oil fields in North America] Osobennosti razrabotki nekotorykh neftianykh mestorozhdenii Severnoi Ameriki. Pod red. V.N. Shchelkachova. Moskva, 1961. 157 p.

UNITED STATES—OIL WELL CASING

Galvoronskii, A.A. [Casing oil and gas wells in the United States] Kreplenie neftianykh i gazovykh skvazhin v SShA. Moskva, Gostoptekhizdat, 1962, 175 p.

UNITED STATES—OPEN-HEARTH PROCESS

Use of oxygen in the open-hearth process in the United States. N.I. Perlov, V.A. Vladimirov. Metallurg 7 no.8:37-39 Ag '62.

UNITED STATES—OUTER SPACE—EXPLORATION
Space in the American way M Kubrin NTO 4 no 10:55-57 O '62.

UNITED STATES—PETROLEUM REFINERIES
Construction of petroleum chemical plants in the U S S and Canada (from "Oil and Gas," no 49, 1962) Khim. i tekh topl. i masel 7 no 7 72 Jl '62.

UNITED STATES—POLITICAL SCIENCE
Apology for militarism or a philosophy of despair E E Pechuro. Vop. ist no 9,193-194 S '62

UNITED STATES—POLITICS AND GOVERNMENT
A dinosaur's egg. G. Gerasimov. Mezhdunar. zhizn' 9 no. 10:131-134 O '62.
Executive committees of monopolists P. Konstantinov. Part. zhizn' Kazakh 32 no. 9:40-45. S '62
The U.S.A.; a threat from the right. Bor. Dmitriev. Mir. ekon. i mezhdunar. otn. no. 10:27-38 O '62

UNITED STATES—POWER ENGINEERING
Russia (1923- U.S.S.R.) Ministerstvo stroitel'stva elektrostantsii. [Report on a trip to the United States by a delegation of Soviet power engineers in October 1959] Otchet o poezdke v SShA delegatsii sovetskikh energetikov v oktiabre 1959 goda. Moskva, 1960. 142 p.
[TYPESCRIPT]

UNITED STATES—PROPAGANDA, ANTI-COMMUNIST
IAkovlev, A. N. [Old myth in the New World] Staryi mif v Novom Svete. Moskva, Izd-vo "Znanie," 1962. 30 p. (Novoe v zhizni, nauke, tekhnike. II Seriia Filosofiia, no. 18)

UNITED STATES—RADIO—CONGRESSES
Congress of the American Institute of Radio Engineers. N. I. Chistiakov Radiotekhnika 17 no 10:79-80 O '62.

UNITED STATES—RADIOACTIVATION ANALYSIS
American apparatus for seawater radioactivity measurements. IU. V. Sivintsev. Atom. energ. 13 no. 4:398-399 O '62.

UNITED STATES—REFUGEES, CUBAN—POLITICAL ACTIVITIES
The Pentagon's black guard V. Dymov. Nov vrem. 20 no 42 12-15 O '62

UNITED STATES—RELATIONS (GENERAL) WITH PAKISTAN
"Quiet Americans" in Pakistan. M. A. Rahman. Nov. vrem. 20 no. 44:12-13 O '62.

UNITED STATES—ROLLING MILLS
Mill of the future (from "Blast Furnace and Steel Plant," no 11, 1961). Z. P. Kod'eva Met. i gornorud. prom no. 3 94 My-Je '62

UNITED STATES—SEA POWER
Sotontsov, Z. M. [Diplomatic struggle of the U. S. A. for the dominion of the sea and contradictions among imperialist states, 1918-1945] Diplomaticheskaia bor'ba SShA za gospodstvo na more i protivorechiia imperialisticheskikh derzhav, 1918-1945 gg. Moskva, Izd-vo Inta mezhdunarodnykh otnoshenii, 1962. 415 p.

UNITED STATES—SEED PRODUCTION
Organization of grain breeding and seed production in the U.S.A. E. T. Valentas, I. K. Il'chenko. Vest. sel'khoz. nauki 7 no. 8:143-150 Ag '62.

UNITED STATES—SINTERING
Furnace for the burning of pellets at the Bethlehem Steel Company plants (from "Blast Furnace and Steel Plant," no 11, 1961) Met. i gornorud prom no. 3 92 My-Je '62.

UNITED STATES—SOCIAL PROBLEMS
IAkovlev, A. N. [Old myth about the New World] Staryi mif v Novom Svete. Moskva, Izd-vo "Znanie," 1962. 30 p. (Novoe v zhizni, nauke, tekhnike. II Seriia Filosofiia, no. 18)
The price of colonialism; evidence of a profound crisis in American social life. O. N. IAkovleva Vop. filos. 16 no. 9:165-168 '62.

UNITED STATES—SOCIOLOGY
"Contemporary political ideologies" [in English]. Edited by Joseph S. Roucek. Reviewed by A. Butenko. Nov. vrem. 20 no. 44:29-31 O '62.

UNITED STATES—STEEL
Steel containing tellurium (from "Blast Furnace and Steel Plant," no. 11, 1961). Z. P. Kod'eva Met. i gornorud. prom no. 3:94 My-Je '62.

UNITED STATES—SUBVERSIVE ACTIVITIES
American democracy in the dock. Nov. vrem. 20 no. 44: 3 O '62.

UNITED STATES—THEATER
The American theater needs financial support. F. M. Tenir 23 no. 9:188-189 S '62.

UNITED STATES—TRADE UNIONS
Geovskii, I. A. [Devoted servants of the monopolies] Vernye slugi monopolii. [Moskva] Profizdat, 1962. 101 p.

UNITIZED CARGO SYSTEMS
Brick transportation in containers L. A. Rakin Ogneupory 27 no 10 477-478 '62.

UNITS
Danilov, N. I. [Units of measurements; handbook for teachers of physics] Edinitsy izmerenii; spravochnik dlia prepodavatelei fiziki. Moskva, Uchpedgiz, 1961. 302 p.
International system of units. Metallurg 7 no. 9:34-35 S '62.
International system of units N. V. Kalashnikov, L. R. Stotskii. Stroi. i dor. mash. 7 no 8:35-37 Ag '62.
International system of units SI. L. R. Stotskii. Khim. prom. no 7:487-490 Jl '62.
International unit system. N. V. Kalashnikov, L. R. Stotskii. Masl.-zhir. prom. 28 no. 9:44-47 S '62.
International unit system. N. V. Kalashnikov, L. R. Stotskii. Ugol' 37 no. 9:56-59 S '62.
Organizing the various systems into one system R. IAtov. Znan.-sila 37 no. 7:52-53 Jl '62.

UNIVERSE see Cosmogony

UNIVERSITIES AND COLLEGES—GRADUATE WORK
Let's increase the inflow of youth to science G. A. Nikolaev, K. P. Gorshenin, A. A. Ivanov Vest. vys. shkoly 20 no 8 36-45 Ag '62
Science in the institutions of higher learning V. A. Venikov and others. Vest. vys. shkoly 20 no 9:47-55 S '62.

UNSATURATED COMPOUNDS
Azodicaroyls in diene synthesis. IU. S. Shabarov and others. Zhur. ob. khim 32 no 9 2806-2809 S '62
Heterocyclic compounds. Part 1: Configuration of 2,6-dimethyl-4-ethynyl (vinyl and ethyl)-4-piperidinols A. Sh. Sharifkanov, T. G. Sarbaev, S. A. IUsupov Zhur. ob. khim 32 no. 9:2508-2514 Ag '62
Reactions of sydnones with unsaturated compounds V. G. IAshinskii, V. F. Vasil'eva, M. N. Shchukina Zhur. ob. khim 32 no 9:3107 S '62.
Reactivity of nitrogen-containing ethynylvinyl compounds. M. F. Shostakovskii, I. A. Chekulneva, L. V. Kondrat'eva. Dokl. AN SSSR 146 no. 2 376-379 S '62.

UPPER VOLTA—ECONOMIC CONDITIONS
A reservation serves business. Diarra Amadou. Az. i Afr. segs. no. 9:10-11 S '62.

URAL MOUNTAIN REGION—APARTMENT HOUSES
Apartment house construction in the Urals. M. Liubimova, Z. Filaeva. Zhil. stroi. no 3:21-26 '62.

URAL MOUNTAIN REGION—CLAY
Some characteristics of the distribution of clay minerals in Paleozoic and Mesozoic sediments in connection with their genesis. V. R. Vlodavskaia. Izv. AN SSSR, Ser. geol. 27 no. 9:90-96 S '62.

URAL MOUNTAIN REGION—FROZEN GROUND
Working frozen ground at building sites in the Southern Urals. I. Shalkovskii, B. Glavatskikh. Na stroi. Ros. 3 no. 5:29-31 My '62.

URAL MOUNTAIN REGION—GRAPTOLITES
New Silurian genus Uralograptus. T. N. Koren'. Paleont. zhur. no. 3,136-137 '62.

URAL MOUNTAIN REGION—GREENSTONE
Weathering surface of rocks of the greenstone formation in the Uchaty pyritic copper deposit. I. I. Ginzburg, G. V. Pisemskii. Kora vyvetr. no. 4:147-177 '62.

URAL MOUNTAIN REGION—LABOR AND LABORING CLASSES
Gorovoi, F. S. [Emancipation of serfs in the mineral industries of the Ural Mountain region] Padenie krepostnogo prava na gornykh zavodakh Urala. [Perm'] Permskoe knizhnoe izd-vo, 1961. 406 p.

URAL MOUNTAIN REGION—MACHINERY INDUSTRY
Problem demanding the attention of economists. V. Ganshtak. Sots. trud 7 no. 9:34-40 S '62.

URAL MOUNTAIN REGION—RUNOFF
Main geographical factors in the distribution of spring runoff of Ural rivers. V. A. Balkov. Izv. Vses. geog. ob-va 94 no. 4:321-325 Jl-Ag '62.

URAL MOUNTAIN REGION—WEATHERING
Weathering surface of rocks of the greenstone formation in the Uchaly pyritic copper deposit. I. I. Ginzburg, G. V. Pisemskii. Kora vyvetr. no. 1:147-177 '62.

URAL MOUNTAIN REGION—WHEAT—HARVESTING
Time for harvesting wheat for seed in separate stages [with summaries in English, German, and French]. L. A. Azin. Vest. sel'khoz. nauki 7 no. 8:15-20 Ag '62.

URAL MOUNTAINS—FRUIT—CHEMICAL COMPOSITION
Catechins in fruit and berry plants [with summary in English]. L. I. Vigorov. Fiziol. rast. 9 no. 4:461-465 '62.

URAL MOUNTAINS—GEOLOGICAL TIME
Determining the absolute age of alkali complexes in the Central Urals by the lead-isotope and argon-potassium methods [with summary in English]. S. I. Mirkina, E. K. Gerling, IU. A. Shukolukov. Geokhimiia no. 8: 611-618 '62.

URAL MOUNTAINS—GEOLOGY, STRUCTURAL
Subsurface geology of the Central Urals. A. A. Malakhov, P. P. Zhelobov. Dokl. AN SSSR 146 no. 1,179-182 S '62.

URAL MOUNTAINS—IRON ORES
Make full use of iron ore-bearing raw materials of the Urals. I. S. Shapiro. Metallurg 7 no. 8 9-10 Ag '62.

URAL MOUNTAINS—MINE VENTILATION
Value of the air supply coefficient in planning the ventilation of Ural pyritic copper mines. V. L. Bryllakov Gor. zhur. no. 9:73 S '62.

URAL'SK PROVINCE—HARVESTING
Sixty million pood of grain from Ural'sk Province. A. Utegenov. Part. zhizn' Kazakh. 32 no. 9:16-19 S '62.

URANIUM
(see also subdivision under Dali-Dag, Azerbaijan; Kazakhstan)
Effect of mono- and dibutyl phosphates on the extraction of uranium (VI) by tributyl phosphate. V. B. Shevchenko, V. S. Smolov. Ekstr., teor., prim., app. no. 2:218-226 '62
Extraction of uranium by mixtures of tributyl phosphate and diisoamyl ester of methylphosphonic acid. V. V. Fomin, R. E. Karmishova, E. P. Matorova. Ekstr., teor., prim., app. no. 2 37-46 '62.
Extraction of uranium from hydrochloric acid solutions. B. N. Laskorin, V. A. Kuznetsov Ekstr., teor., prim., app. no. 2:209-218 '62.
Interaction between uranium and nitrogen. A. F. Bessonov, V. G. Vlasov. Fiz. met. i metalloved. 14 no. 3:478-479 S '62.
Kinetic energy of fragments emitted in the fission of U^{230} by 14.5 Mev. neutrons [with summary in English] V. M. Adamov, S. S. Kovalenko, K. A. Petrzhak. Zhur. eksp. i teor. fiz. 42 no. 6 1475-1477 Je '62.

URANIUM—ANALYSIS
Extraction separation of vanadium and uranium. V. I. Kuznetsov, I. V. Serlakova. Ekstr., teor., prim., app no. 2,227-234 '62.
Some characteristics of the geochemistry of uranium in seas and lakes. S. G. Batulin. Trudy IGI M no. 79:15-19 '62.

URANIUM—ISOTOPES
Calculation of neutron cross sections for U^{238} on the basis on a nuclear optical model. I. V. Kolesov, V. S. Stavinskii. Atom. energ. 13 no. 4 371-373 O '62.
Cross section of U^{235} absorption on monochromatic neutrons in the energy range 0.02-2 ev V. F. Gerasimov, V. S. Zenkevich. Atom. energ. 13 no. 4 366-370 O '62.
Fission cross sections for U^{233}, U^{235}, and Pu^{239} in the energy range of 0.3-2.5 Mev. neutrons. G. N. Smirenkin, V. G. Nesterov, I. I. Bondarenko. Atom. energ 13 no. 4:366-368 O '62.
Gamma-ray spectrum of short-living U^{235} fission fragments. IU. V. Sivintsev. Atom. energ. 13 no. 4:307-308 O '62.
Number of neutrons emitted by U^{236} in the region of symmetrical fission. V. F. Apalin and others. Zhur. eksp. i teor. fiz. 43 no. 1 320-330 Jl '62.

URANIUM COMPOUNDS
Behavior of ethylenediaminetetraacetic acid in acid solutions and its reaction with uranium (IV) N. N. Krot, N. P. Ermolaev, A. D. Gel'man. Zhur neorg. khim. 7 no. 9:2054-2060 S '62.

URANIUM INDUSTRY
Uranium and the monopolies. N. Sazykin. Mezhdunar. zhizn' 9 no. 10:88-95 O '62.
The uranium industry of capitalist countries in 1961. V. D. Andreev. Atom. energ. 13 no. 3:293-299 S '62.

URANIUM ORES
(see also subdivision under Australia; Czechoslavakia; Jachymov)
Demin, V. M. [Radiometric methods of searching for uranium ores; land survey] Radiometricheskie metody poiskov uranovykh rud; poshokhodnaia s"emka. [Rostov-na-Donu] Izd-vo Rostovskogo univ., 1962. 105 p.
Supergene zoning in sulfide-uranium deposits and the cause of their origin. A. A. Chernikov. Trudy IGEM no. 70:162-181 '62.

URANIUM OXIDE—ELECTRIC PROPERTIES
Electric properties of the system uranium - oxygen in the $UO_3 - U_3O_8$ composition range. V. M. Zhukovskii, V. G. Vlasov, A. G. Lebedev. Fiz. met. i metalloved. 14 no. 3:475-478 S '62.

URANYL COMPOUNDS
Urea and acetamide compounds of uranyl. V. P. Markov, I. V. TSapkina. Zhur. neorg. khim. 7 no. 9:2045-2053 S '62.

URANYL COMPOUNDS—SPECTRA

Investigation of infrared spectra of inner complex compounds of uranyl with Schiff's bases and the determination of the length of the U=O bond. V.V.Zelentsov. Dokl.AN SSSR 146 no 1:97-99 S '62.

URANYL NITRATE

Coextraction of uranyl nitrate and cerium (IV) nitrate by tributyl phosphate. A.V Nikolaev, O.R.D'iachenko, IU.A.Afanas'ev. Dokl AN SSSR 146 no.1 102-103 S '62.

Density, viscosity, surface tension of solutions, and diffusion coefficients of substances in the system water-uranyl nitrate - nitric acid - tributyl phosphate. E V. Voronetskaia, A.M Rozen. Ekstr., teor., prim., app no. 2 199-208 '62.

Extraction of uranyl nitrate from nitric acid solutions by tributyl phosphate and other organophosphorus compounds B N. Laskorin, D I Skorovarov, V V.Shatalov Ekstr., teor., prim., app no. 2 174-178 '62.

Extraction of uranyl nitrate from nitric acid solutions by normal ethers V. V Fomin, R. N. Maslova Ekstr., teor., prim., app no. 2 19-33 '62.

Mass transfer in the extraction and reextraction of uranyl nitrate in packed columns A. M. Rozen and others Ekstr., teor., prim., app. no. 2 284-293 '62

Some data on the preparation and properties of complex uranium (IV) nitrates. A D Gel'man, N N. Krot, N P Ermolaev Zhur neorg khim. 7 no 9 2031-2044 S '62.

Synergism in the extraction of uranyl nitrate. V. B. Shevchenko, V.S Smelov, A V.Strakhova. Ekstr., teor., prim., app no 2 179-189 '62.

URANYL SULFATE

Extraction of uranyl sulfate by tri-n-octylamine. B. N. Laskorin, Z Sh Golynko, D. I.Skorovarov. Ekstr., teor., prim., app no 2 190-198 '62.

UREA

Complex compounds of monovalent copper with thiourea. Part 2 Compounds of cuprous chloride. L. A. Slashcheva, M. I. Usanovich, T N Sumarokova Zhur. ob khim 32 no 8:2408-2411 Ag '62

Complex compounds of monovalent copper with thiourea. Part 3: Compounds of cuprous sulfate. L. A. Slashcheva, M I. Usanovich, T. N. Sumarokova. Zhur. ob. khim. 32 no 8 2412-2115 Ag '62.

Concentrating silver, indium, and thallium by coprecipitation with copper diethyldithiocarbamate [with summary in English]. G. V. Efremov, N. I. Chaikina. Vest. LGU 17 no. 16:151-153 '62.

Physicochemical analysis of the ternary system carbamide - phenol - acetic acid I M Bokhovki and others. Zhur ob khim 32 no. 9:2755-2759 S '62

Physicochemical analysis of the ternary system carbamide - phenol - monochloroacetic acid. I M Bokhovkin, A A Pribytkova, L S Uemlianina Zhur. ob khim 32 no 9 2763-2766 S '62

Synthesis of urea under the action of vacuum ultraviolet radiation [with summary in English]. N. IA. Dodonova Vest. LGU 17 no. 16:144-145 '62

Thermal analysis of the ternary system carbamide - acetic acid - trichloroacetic acid I M Bokhovkin, IU. I. Bokhovkina, E. O Vitman Zhur. ob. khim. 32 no. 8:2415-2418 Ag '62.

UREA AS FEED

Amino acid composition of the total protein content of milk with a carbamide supplement in the rations of cows [with summary in English]. P. V. Kugenev, M. N. Medvedeva. Izv. TSKHA no. 3:96-103 '62.

Effect of urea and ammonium bicarbonate on the productivity of cows. N. P. Filipovich. Trudy Rost. NIVS no. 12:307-309 '60.

URETERS—SURGERY

Late results of bladder resection for cancer with ureterocystoneostomy [with summary in English] L. M. Rabkova. Trudy Inst. onk. AMN SSSR no. 4 89-93 '62.

URETHANS

Potential cytotoxic groupings Part 2 Diurethan derivatives of phenylacetic acid. A. IA. Berlin, L. S. IAguzhinskii. Zhur. ob. khim. 32 no. 9:3091-3096 S '62.

URINE—ANALYSIS AND PATHOLOGY

Amperometric determination of penicillin in the urine [with summary in English] IA. Grafnetterova. Antibiotiki 7 no 8 736-742 Ag '62.

Isolation of 17-ketosteroids from the daily urine in chronic tonsillitis. V. Z. Pushkin, V. N. Lebedev. Vest. otorin. no. 5:27-30 '62.

URN BURIAL see subdivision under Khorezm Province

UROPEPSIN

Uropepsin excretion dynamics in hypertension treated with reserpine [with summary in English]. A. A. Krylov, N. P. Dobrik. Kardiologiia 2 no. 4:82-83 Jl-Ag '62.

URTITE see subdivision under Kuznetsk Ala-Tau

URUGUAY—COMMUNIST PARTY

We shall organize a party of the masses. Alberto Suárez. Part. zhizn' no. 20:64-70 O '62.

URUP VALLEY—TRACE ELEMENTS

Microelements in the waters of the Urup ore-bearing deposit. N M Prokof'eva Trudy NPI 125 97-105 '62

URUP VALLEY—WATER—COMPOSITION

Microelements in the waters of the Urup ore-bearing deposit N M. Prokof'eva Trudy NPI 125:97-105 '62

UST'-KAMENOGORSK—APARTMENT HOUSES

For a guarantee certificate I. Tarasova. Zhil. stroi no. 8:31-32 '62.

Ust'-Kamenogorsk. M Bukman, D. Brizeli Zhil. stroi. no 8:23-25 '62

UST'-KAMENOGORSK RESERVOIR—FISHERIES

Utilization of the Ust'-Kamenogorsk Reservoir for commercial fishing A P Chuban Vest. sel'khoz nauki [Kazakh.] 5 no 7 80-86 Jl '62.

UST-URT—GEOLOGY, STRUCTURAL—MAPS

Method for the geological study of closed areas of the Ust-Urt and Caspian Sea region IU M. Vasil'ev, V. S Mil'nichuk, M M Charygin Sov. geol 5 no 8:135-139 Ag '62.

USUN see subdivision under Semitech'ye

UTERUS—CANCER

Effect of androgens and the elimination of pituitary gland function on the development of cancer of the uterus caused by dimethylbenzanthracene. L. I. Chaikviani. Vop. onk. 8 no. 8:70-74 '62.

UZBEK NEWSPAPERS

A faithful helper of the party organization. I. Mamedov. Part. zhizn' [Uzb.] 5 no. 9:89-91 S '62.

UZBEKISTAN—BARLEY—VARIETIES

Early maturing mountain barleys in the Uzbek S. S. R. P. D. Lammerikh. Sbor. trud. asp. i mol. nauch. sotr. VIR no. 1:56-61 '60.

UZBEKISTAN—COMMUNIST EDUCATION

A school for the propagandists of Uzbekistan. Part. zhizn' [Uzb.] 5 no. 9:93-94 S '62.

We should raise the ideological standard of party education and ensure its effectiveness. Komm. Uz 34 no. 9 28-35 S '62

UZBEKISTAN—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

Dzhuraev, Abdukarim. [The party at the head of the masses; practices of the party organization in Uzbekistan in the drive to increase cotton growing during the years of the first postwar five-year plan] Partiia vo glave mass; iz opyta raboty partiinoi organizatsii Uzbekistana v bor'be za pod'em khlopkovodstva v gody pervoi poslevoennoi piatiletki. Tashkent, Gosizdat Uzbekskoi SSR, 1961. 112 p.
(MH)

Our work with party members should contribute to the solution of new problems. Part. zhizn' [Uzv.] 5 no. 9: 16-21 S '62.

Party news. Part. zhizn' [Uzb.] 5 no. 9:95-96 S '62.

Political lectures should be efficient and effective. K. Fazylkhodzhaev. Part. zhizn' [Uzb.] 5 no. 9:30-34 S '62.

UZBEKISTAN—COST AND STANDARD OF LIVING

Public consumption funds. A. Ul'masov. Komm. Uz 34 no. 9:78-84 S '62.

UZBEKISTAN—COTTON—IRRIGATION

Water means more cotton, higher yields. Gidr. i mel. 11 no. 6:9-10 Je '62.

UZBEKISTAN—COTTON GROWING

Dzhuraev, Abdukarim. [The party at the head of the masses; practices of the party organization in Uzbekistan in the drive to increase cotton growing during the years of the first postwar five-year plan] Partiia vo glave mass; iz opyta raboty partiinoi organizatsii Uzbekistana v bor'be za pod'em khlopkovodstva v gody pervoi poslevoennoi piatiletki. Tashkent, Gosizdat Uzbekskoi SSR, 1961 112 p.
(MH)

UZBEKISTAN—CULTURE

Kary-Niiazov, T. N. [On the cultural heritage of the Uzbek people] O kul'turnom nasledii uzbekskogo naroda. Tashkent, Izd-vo Akad. nauk UzSSR, 1960. 37 p.
(NNC)

UZBEKISTAN—DESCRIPTION AND TRAVEL

[With hand over heart; collected sketches of foreign writers on Uzbekistan. Translated from French and other languages] Polozha ruku na serdtse; sbornik ocherkov inostrannykh pisatelei ob Uzbekistane. Tashkent, Gos. izd-vo khudozh. lit-ry, 1962. 85 p.

UZBEKISTAN—ECONOMIC CONDITIONS

Fazylkhodzaev, K. F. and V. G. Zhelezovskaia. [Soviet Uzbekistan in the family of the friendly peoples of the U. S. S. R.] Sovetskii Uzbekistan v druzhnoi sem'e narodov SSSR. Moskva, Izd-vo "Znanie," 1962. 46 p. (Novoe v zhizni, nauke, tekhnike. I Seriia: Istoriia, no. 17)

UZBEKISTAN—FINANCE

Important means for eliminating losses. V. Murat khodzhaev. Fin. SSSR 23 no. 9:26-28 S '62.

UZBEKISTAN—HISTORICAL RESEARCH

Development of historical studies in Uzbekistan after the 20th Congress of the CPSU and their objectives in the light of the 22nd Congress of the CPSU A Kh Babakhodzhaev. Ist. SSSR 6 no 5, 244-248 S-O '62

UZBEKISTAN—HODOGRAPH

Specific hodographs for certain regions of Uzbekistan based on recordings of powerful explosions. P. M. Butovskaia and others. Izv AN Uz. SSR, Ser fiz mat nauk 6 no. 2:34-41 '62.

UZBEKISTAN—INDUSTRIAL MANAGEMENT

Important means for eliminating losses. V. Muratkhodzhaev. Fin. SSSR 23 no. 9:26-28 S '62.

UZBEKISTAN—MILITARY EDUCATION

Organizational work determines success. V. Sokhatskii Voen. znan. 38 no. 9:18-19 S '62.

UZBEKISTAN—MUSKRATS

Characteristics of the reproduction of muskrats in bodies of freshwater and saltwater [with summary in English] R. Reimov Zool. zhur. 41 no 8 1239-1240 Ag '62.

UZBEKISTAN—ROCK, IGNEOUS

Igneous rocks in the closed part of the fold basement in western Uzbekistan. V. S. Knizov, A. M Charygin, O. A. Shnip. Trudy MINKHIGP no. 38:89-99 '62.

UZBEKISTAN—SOVIETS

Soviets and our public. A. Abdalin. Komm. Uz 34 no. 9:53-60 S '62.

UZBEKISTAN—SULFUR

Characteristics of the recent deposition of sulfur from underground waters [with summary in English]. N. P. Ushkin. Geokhimiia no. 8,696-706 '62.

UZBEKISTAN—WATER, UNDERGROUND

Characteristics of the recent deposition of sulfur from underground waters [with summary in English]. N. P. Ushkin. Geokhimiia no. 8:696-706 '62.

UZH VALLEY (CARPATHIAN MOUNTAINS)—FORAMINIFERA, FOSSIL

Foraminifers from Oligocene sediments in the vicinity of Uzhka (Uzh River) in the Eastern Carpathians [with summary in English, p. 173]. N. V. Dabagian. Paleont. sbor. [Lvov] no. 1:97-101 '61.

VACCINATION

(see also subdivision under India)

Diagoveshchenskii, I. A. [Vaccinations are a powerful method for protecting children from infectious diseases] Privivki moguchee sredstvo predokhraneniia detei ot infektsionnykh bolezned. Leningrad, Medgiz, 1962. 27 p.
(DNLM)

VACCINES

Microbes against microbes. M. Krylova. Znan.-sila 37 no. 6:26-27 Je '62.

VACUUM METALLURGY

Strength characteristics of copper and silver vacuum condensates. L. S. Palatnik, A. I. Il'inskii. Dokl. AN SSSR 146 no. 1:79-81 S '62.

Using steam-ejecting pump in vacuum treatment of steel. I. B. Zadzishek. Mashinostroitel' no. 8:14 S '62.

Vacuum treatment of transformer steel. B. I. Moshkevich Metallurg 7 no. 10:6-7 O '62.

VAGINA—DISEASES

Diagnosis and treatment of vaginal trichomoniasis. K. I. Keburiia. Vest. derm. i ven. no. 8:84-86 '62.

VALLEYS see subdivision under Siberia, Western

VALUE

The law of value and its role under socialism. R. Kh. Bakasova. Izv. AN Turk. SSR, Ser. obshchestv. nauk. no. 4:52-58 '62

VALVES

Calculation of the resistances of a return valve. T. S. Kravchenko. Izv. vys. uch. zav.; stroi. i arkhit. 5 no. 4:140-154 '62.

Studying hydraulic valves for breaking the vacuum of siphon gates in irrigation pumping stations [with summary in English]. V. M. Nekrasov, M. M. Florinskii. Izv. TSKHA no. 2:157-164 '62.

VAN ALLEN RADIATION BELTS

Puzzle of the radiation belts of the earth. V. V. Tolmyi. Priroda 51 no. 7:116-118 Jl '62.

VANADIUM

Metallurgical chemistry of vanadium. I. I. Kornilov, N. M Matveeva. Usp. khim. 31 no. 9:1076-1103 S '62.

VANADIUM—ANALYSIS

Extraction separation of vanadium and uranium. V. I. Kuznetsov, I. V. Serlskova. Ekstr., teor., prim., app. no. 2:227-234 '62.

VANADIUM CHLORIDE

Electron paramagnetic resonance in dilute vanadyl chloride solutions [with summary in English]. N. S. Garifianov and others. Zhur. eksp. i teor. fiz. 42 no. 5 1145-1148 My '62.

VANADIUM COMPOUNDS

Complex compounds of vanadyl with trihydroxyglutaric acid. V. V. Grigor'eva, I. M. Maister. Zhur. neorg. khim. 7 no. 9:2140-2148 S '62.

State of colored isopolyvanadium ions in solutions. A. K. Il'iasova, A. B. Bekturov. Zhur. neorg. khim. 7 no. 9 2149-2154 S '62.

VANADIUM OXIDE

"Hydrated pentoxides" of vanadium. A. B. Bekturov, A. K. Il'iasova, R. A. Geskina. Zhur. neorg. khim. 7 no. 9, 2134-2139 S '62.

VANCOUVER—AQUARIUMS

Exhibition of submarine fauna in Vancouver. M. V. Grigor'ev. Priroda 51 no. 7:100-102 Jl '62.

VANCURA, VLADISLAV, 1891-1942

"Art of the novel" [in Czech] by M. Kundera. Reviewed by S. A. Shertaimova. Lit. slav. nar. no. 7 190-195 '62.

VANILLIN

Mutagenic effect of vanillin and some of its derivatives. G. I. Efremova. Dokl. AN SSSR 146 no. 2:456-459 S '62.

VAPOR-LIQUID EQUILIBRIUM

Vapor-liquid equilibrium in the binary mixture water-acetic acid in case of increased pressure. Iu. IA. Tsiklin, V. A. Vasil'eva. Gidroliz. i lesokhim. prom. 15 no. 6 11-13 '62.

VAPOR PLATING

Properties of certain protective coatings applied on metals by vapor plating. Iu. A. Pirogov. Ogneupory 27 no. 10 468-472 '62.

VAPOR PRESSURE

Vapor pressure of the system $LiClO_4$ - CH_3OH - H_2O. V. F. Sergeeva, E. S. Moiseeva. Zhur. ob. khim. 32 no. 8 2402-2405 Ag '62.

The water vapor pressure in the systems MeX_2 - HX - H_2O. The systems $CdBr_2$ - HBr - H_2O, CdI_2 - HI - H_2O, $HgBr_2$ - HBr - H_2O, HgI_2-HI - H_2O [with summary in English]. L. S. Lilich, D. K. Andreeva, A. A. Loginov. Vest. LGU 17 no. 16:101-107 '62.

VARDENIS RANGE—BASALT

Hydrochemical prospecting in basaltic soils. P. M. Kaplanian. Izv. AN Arm. SSR. Geol. i geog. nauki 15 no. 4: 51-55 '62.

VARDENIS RANGE—GEOCHEMICAL PROSPECTING

Hydrochemical prospecting in basaltic soils. P. M. Kaplanian. Izv. AN Arm. SSR. Geol. i geog. nauki 15 no. 4: 51-55 '62.

VARIATION (BIOLOGY)

Induced mutagenesis in the selection of micro-organisms [with summary in English]. S. I. Alikhanian. Izv. AN SSSR. Ser. biol. 27 no. 4:544-575 Jl-Ag '62.

Mutagenic effect of vanillin and some of its derivatives. G. I. Efremova. Dokl. AN SSSR 146 no. 2 456-459 S '62.

VARIX

Tal'man, I. M. [Prevention and treatment of varicose veins] Preduprezhdenie i lechenie varikoznogo rasshireniia ven. [Leningrad] Medgiz, 1962. 27 p. (Nauchno-populiarnaia meditsinskaia literatura) (DNLM)

Varicose veins of the lower extremities. I. Iu. Udin. Med. sestra 21 no. 8:32-36 Ag '62.

VASES, GREEK see subdivision under Olbia (Borysthenes)

VASILEOSTROVSKIY DISTRICT—COMMUNIST EDUCATION

Scholarly and theoretical conferences of the intelligentsia. A. Krivenko. Polit. samoobr. 6 no. 9:73-74 S '62.

VASIL'EVA, LIUBOV' VIKTOROVNA

Susloparova, F. A. [Country schoolteacher] Sel'skaia uchitel'nitsa. Izd. 2., dop. Moskva, Uzhpedgiz, 1962. 173 p.

VATICAN COUNCIL, 1962-

On the way to accommodation; Vatican on the eve of the Council. M. Sheinman. Nauka i rel. no. 9:35-36 S '62.

VAYGACH ISLAND—GASTROPODA, FOSSIL

Paleozoic gastropods of Vaygach Island and the Novaya Zemlya. V. A. Vostokova. Sbor. st. po paleont. i biostrat. no. 25:5-43 '61.

VECTOR ANALYSIS

Correlation functions of vector processes satisfying certain linear differential equations. A. IA. Dorohovisev. Ukr. mat. zhur. 14 no. 3:322-325 '62.

Generalized Cauchy formula for axially symmetric vector fields. I. I. Danilluk. Dokl. AN SSSR 146 no. 2:292-295 S '62.

Integral representation of the dynamic field vector in infinite space. A. N. Filatov. Izv. vys. uch. zav. ;mat no. 5:107-114 '62.

Invariant characteristics of certain nets. V. M. Maiorov. Uch. zap. IAr. gos. ped. inst. no. 34 127-154 '60.

Projective vector theory. Part 2. B. A. Rozenfel'd, T. M. Klimanova, N. D. Petsko. Izv. vys. ucheb. zav., mat. no. 3 122-130 '62.

VECTORCARDIOGRAPHY

Phase principle of vectorcardiographic analysis and its use in evaluating the electrical position of the heart [with summary in English]. M. V. Tarlakovskii. Kardiologiia 2 no. 4:61-71 Jl-Ag '62.

VEGETABLE GARDENING see subdivision under Moscow Province, Tashkent

VEGETABLES

Some morphologic characteristics of vegetable plants and their use in describing and determining species. K. P. Lange. Uch. zap. Kuib. gos. ped. inst. no. 35:83-105 '61.

VEGETABLES—VARIETIES see subdivision under Ukraine

VEGETABLES, DRIED

Changes in the chemical composition of vegetables in the production of powders with a spray dryer. M. P. Grigorash. Kons. i ov. prom. 17 no. 10:10-12 O '62.

VEINS

Method for studying lymphovenous anastomoses in man. M. M. Pavlova-Poliakova. Klin. khir. no. 7:63-65 Jl '62.

VEINS—DISEASES

Case of Mondor's disease. V. K. Punga. Zdravookhranenie 5 no. 4:53 Jl-Ag '62.

VENEERS AND VENEERING

Surface smoothness of peeled veneer. V. A. Kulikov, L. I. Trasova. Der. prom. 11 no. 10:12-13 O '62.

VENEREOLOGY see subdivision under Rumania

VENEREOLOGY—CONGRESSES

First All-Russian Congress of Dermatovenereologists, December 11-15, 1961 in Moscow. G. G. Kondrat'ev. Kaz. med. zhur. no. 3 98-100 My-Je '62.

VENEZUELA—STRIKES AND LOCKOUTS—PETROLEUM INDUSTRY

Venezuela says yes, Yankees say no! Mol. mira no. 7:6 '61.

VENICE—DESCRIPTION

Dying beauty. Nov. vrem. 20 no. 40 31 O '62.

VENICE—MOTION-PICTURE FESTIVALS

New successes of Soviet films. Isk. kino no. 9:121 S '62.

VENTILATION

Kalinushkin, M. P. [Ventilation systems] Ventilatornye ustanovki. Izd. 5., perer. i dop. Moskva, Vysshaia shkola, 1962. 293 p.

Make proper arrangements for the ventilation of buildings for swine. P. Dziubenko. Sil'. bud. 12 no. 9:16-17 Ag '62.

Nesterenko, A. V. [Principles of thermodynamical calculations in air conditioning and ventilation] Osnovy termodinamicheskikh raschetov ventiliatsii i konditionirovaniia vozdukha. Moskva, Vysshaia shkola, 1962. 354 p.

Relative location of the heating unit and the ventilator. M. I. Filinel. Izv. vys. uch. zav.; strol. i arkhit. 5 no. 4:155-164 '62.

VENTILATION—EQUIPMENT AND SUPPLIES

Machine for casting ventilation "blocks." S. M. Melamed, V. V. Sidorov. Mekh. strol. 19 no. 4:23-24 Ap '62.

Manufacture of stamped ventilation outlets from roofing steel. V. D. Shevtsov, M. A. Tartakovskii. Mont. i spets. rab. v stroi. 24 no. 9:16-18 S '62.

Muskat, L. V. [Manual on materials for sanitation and ventilation mechanics and tinsmiths] Materialovedenie dlia slesarei-santekhnikov i slesarei-ventiliatsionnikov-zhestianshchikov. Moskva, Proftekhizdat, 1962. 187 p.

VENTILATION—RESEARCH

Nomograms for determining values of the Gr-Pr complex in using models to study ventilation processes. L. I. Ginzburg. Ved. i san. tekh. no. 7:5-6 Jl '62.

VENTSPILS—FISH PROCESSING PLANTS

Nina Kochneva's brigade. L. S. Bulkin. Ryb. khoz. 38 no. 8:74-76 '62.

VERESKII, GEORGII SEMENOVICH, 1886-

Exhibition of the works of G. S. Vereiskii. N. Popova. Iskusstvo 25 no. 7:15-19 '62.

VERKHNE-CHIRCHIK DISTRICT—AGRICULTURE

Korbut, I., and Z. Smirnova. [For high yields and low costs; the "Politotdel" Collective Farm in Verkhne-Chirchik District, Tashkent Province] Za vysokie urozhai i nizkuiu sebestoimost'; kolkhoz "Politotdel" Verkhne-Chirchikskogo raiona Tashkentskoi oblasti. Tashkent, Goskizdat UzSSR, 1960. 33 p. (Vystavka dostizhenii narodnogo khoziaistva SSSR) (DNAL)

VERKHOYANSK RANGE—GEOLOGY, STRATIGRAPHIC

Stratigraphy of Upper Mesozoic sediments in western part of the Verkhoyansk Range. M. M. Malandin. Trudy NIIGA 121:3-28 '62.

VERLOTSKII, AVRAAM EFIMOVICH, 1880-1962

In memoriam Avraam Efimovich Verlotskii. S. S. Volynskii. Stomatologiia 41 no. 4 106 Jl-Ag '62.

VERMIFUGES see Anthelmintics

VERNADSKII, VLADIMIR IVANOVICH, 1863-1945

Khlopin, V. G. [Letters written to V. I. Vernadskii, 1916-1943] Pis'ma k V. I. Vernadskomu, 1916-1943. Sost. L. L. Zaitseva i B. V. Levshin. Pod obshchei red. V. I. Baranova i N. G. Khlopina. Moskva, Akad. nauk, 1961. 88 p. (MH)

"V. I. Vernadskii" by Lev Gumilevskii. Reviewed by Iu. P. Frolov. Priroda 51 no. 8:47 Ag '62.

VERNALIZATION

Oxidation-reduction characteristics of plants during the vernalization and light stages [with summary in English]. F. IA. Mekhanik. Zhur. ob. biol. 23 no. 4 265-275 Jl-Ag '62.

Vernalizing the grain of cereals of various ripening degree before sowing. S. Grzesiuk. Agrobiologiia no. 4 547-553 Jl-Ag '62.

VERNANI, GUIDO, fl. 1327

"Guido Vernani from Rimini, the first political opponent of Dante" [in Italian] by Nevio Matteini. Reviewed by L. M. Batkin. Srednie veka no. 22:253-255 '62.

VERTEBRAE, CERVICAL—RADIOGRAPHY

Materials on the diagnosis of secondary neurologic changes in deforming spondylosis of the cervical segment [with summary in French]. V. K. Pinchuk. Och. klin. nevr. no. 1 131-136 '62.

VERTOV, DZIGA, 1897-

Abramov, N. P. Dziga Vertov. Moskva, Izd-vo Akad. nauk SSSR, 1962. 165 p.

VESTIBULAR APPARATUS—DISEASES

Characteristics of the course of vestibular and psychosensory forms of cerebral rheumatism in children and adolescents; from data of catammestic studies [with summary in French]. I. Z. Mizikova. Zhur. nevr. i psikh. 62 no. 7:1067-1071 '62.

VETCH

Effect of different length of day on the growth, development, and composition of the populations of hairy and Hungarian vetch. S. D. Kiseleva. Sbor. trud. asp. i mol. nauch. sotr. VIR no. 1:149-156 '60.

Phenological spectra of the populations of hairy and Hungarian vetch. S. D. Kiseleva. Sbor. trud. asp. i mol. nauch. sotr. VIR no. 1:145-149 '60.

VETCH—VARIETIES see subdivision under Apsheron Peninsula

VETERINARY HELMINTHOLOGY

Our experience with the surgical treatment of coenurosis in sheep. N. T. Sergeev. Trudy Rost. NIVS no. 12:277-278 '60.

VETERINARY MEDICINE see subdivision under Kazakhstan

VETERINARY MEDICINE—CONGRESSES

Coordinating Conference on Veterinary Medicine. G. Vasil'kov. Vest. sel'khoz. nauki 7 no. 6:157-158 Je '62.

VETERINARY PARASITOLOGY see subdivision under Rostov Province

VETERINARY PHYSIOLOGY

Azimov, G. I. [Physiology of agricultural animals] Fiziologiia sil's'kohospodars'kykh tvaryn. Vyd. 2., vypr. i dop. Kyiv, Derzh. vyd-vo sil's'kohospodarskoi lit-ry URSR, 1961. 547 p. (DNAL)

VETERINARY PHYSIOLOGY—CONGRESSES

Scientific foundations of the physiology and biochemistry of farm animals. A. Masloboev. Vest. sel'khoz. nauki 7 no. 8:157-158 Ag '62.

VIARTSINSKI, ANATOL'

"Songs about bread"; verse by A. Viartsinski. Reviewed by R. Biarozkin. Belarus' 19 no. 8:28-29 Ag '62.

VIBRATED CONCRETE

Some studies of the quality of molding by the vibration stamping method. I. F. Rudenko, M. I. Piskovitin. Trudy NIIZiB no. 27:68-83 '62.

Unit for vibration stamping of the precast reinforced concrete elements of tanks by the vibration rolling method. N. IA. Tsukerman. Strol. i dor. mash. 7 no. 8 28-30 Ag '62.

Using vibration meters during the vibration compaction of soil and concrete. V. B. Alekseev. Strol. i dor. mash. 7 no. 8:21-23 Ag '62.

VIBRATION

Aspects of using a resonance method in studying concrete. V V Stol'nikov, V B Sudakov. Bet i zhel.-bet. 8 no.8 354-357 Ag '62

Elective course on the theory of vibration V P Evsiukov Vest vys. shkoly 20 no.8 73-75 Ag '62

VIBRATION—PHYSIOLOGICAL EFFECT

"Industrial vibration and specific functions of the female body" by M A Petrov-Maslakov and I I Klimets Reviewed by P.V Manenkov Kaz med zhur. no 3 93 My-Je '62

VIBRATORS

Investigating the process of vibration drawing T M Golubev and others Met. i gornorud prom no 3 70-73 My-Je '62

VIBRIO

Diagnosis and distribution of vibriosis in cattle in Rostov Province. L. V. Genika. Trudy Rost. NIVS no 12;198-200 '60.

VIDEO TAPE RECORDERS AND RECORDING

Automatic system for controlling the average speed of the tape of a television video tape recording system V. I. Lazarev. Trudy VNAIZ no. 9;3-21 '61.

Choice of the parameters of frequency modulation for magnetic video tape recording. A. V. Goncharov. Trudy VNAIZ no. 9;22-32 '61.

Development of television video tapes. I. I. Eliasberg, I. M. Toriaeva. Trudy VNAIZ no. 9;146-156 '61

Transverse recording of video signals on a magnetic tape. P. G. Tager. Elektrosviaz' 16 no. 8;41-49 Ag '62.

VIENOZINSKIS, JUSTINAS, 1886-

Vilna, Valstybinis dailes muziejus. [Justinas Vienozinskis, art exhibition, 1961; catalog] Justinas Vienozinskis dailes paroda, 1961; katalogas. Vilnius, 1961. 69 p. illus., 23 plates. [In Lithuanian and Russian] (MH)

VIETNAM—DESCRIPTION AND TRAVEL

Bershadskii, R. IU. [Two steps from the equator] V dvukh shagakh ot ekvatora. Moskva, Sovetskii pisatel', 1962. 121 p.

VIETNAM—FERTILIZERS AND MANURES

Some methods for preparing in the field fertilizers used by Vietnamese peasants. Bui Gui Dap Agrobiologiia no 4 601-603 Jl-Ag '62

VIETNAM, NORTH—CANCER

Problem of cancer in the Democratic Republic of Vietnam. Lyong Tan Chyong, Fam Tkhui L'en, Do Ba Khion. Vop. onk. 8 no. 8;87-90 '62.

VIETNAM, NORTH—CREDIT

Expansion of credit relations of the State Bank of the Democratic Republic of Vietnam with industries. Tran Linkh Shen. Den. i kred. 20 no. 8,40-48 Ag '62.

VIETNAM, NORTH—EDUCATION, HIGHER

Higher education in the Democratic Republic of Vietnam Dong D Khvan Vest vys. shkoly 20 no. 8,86-89 Ag '62

VIETNAM, NORTH—INDUSTRIES

Expansion of credit relations of the State Bank of the Democratic Republic of Vietnam with industries. Tran Linkh Shen. Den. i kred. 20 no. 8;40-48 Ag '62.

VIETNAM, NORTH—LAND TENURE

Agrarian problem in Vietnam. Z. Dudnik. Mir. ekon. i mezhdunar. otn. no. 10;106-112 O '62.

VIETNAM, NORTH—LATERITE

Laterites of North Vietnam. V. M. Fridland. Kora vyvetr. no. 4;126-146 '62.

VIETNAM, NORTH—ORE DEPOSITS

Complex metal mineralization in the northern part of the Democratic Republic of Vietnam. V. M. Zheleznov. Uzb. geol. zhur. 6 no. 4,30-35 '62.

VIETNAM, NORTH—RADIO

An honorable goal. Fung Zu Fien. Radio no. 9;13 S '62.

VIETNAM, NORTH—TRADE UNIONS

Hong Kuok V'et. [Trade-union movement in Vietnam] Profsoiuznoe dvizhenie V'etnama. [Moskva] Profizdat, 1962. 62 p.

VIETNAM, SOUTH—LAND TENURE

Agrarian problem in Vietnam. Z. Dudnik. Mir. ekon. i mezhdunar. otn. no. 10;106-112 O '62.

VIETNAM, SOUTH—POLITICS AND GOVERNMENT

We are confident of final victory. Nguyen Van Hieu. Mezhdunar. zhizn' 9 no. 10;86-87 O '62.

VILJANDI—THEATER

Remarque in the "Ugala" Theater. E. L. Teatr 23 no 8;162 Ag '62.

VILNIUS—WOODPULP INDUSTRY—RESEARCH

Discussion of problems concerning production intensification; from the scientific and technical conference in Vilnius. Bum. prom. 37 no. 9 insert. 1-4 S '62.

VINE CROPS see subdivision under Ukraine

VINE CROPS—VARIETIES see subdivision under Ukraine

VINOGRADOV, PAVEL GAVRILOVICH, 1854-1925

Some letters of P. G. Vinogradov. K. A. Maikova. Sred. veka no 22,267-282 '62

VINYL COMPOUNDS

Gadzhiev, T. A., and T. N. Shakhtakhtinskii. [Vinyl compounds] Vinilovye soedineniia. Baku, Azerbaidzhanskoe gos. izd-vo, 1962. 269 p.

VINYLATION

Vinylation of mannitol and its aceto derivatives. B. I Mikhant'ev, V L Lapenko, L P. Pavlov Zhur. ob. khim 32 no 8;2505-2508 Ag '62

VIOLURIC ACID

New method of synthesizing allovazines. Condensation of aromatic o-diamines with violuric acid and its thio analogs V. M. Berezovskii, G. D Glebova Dokl AN SSSR 146 no. 2 355-358 S '62.

VIRGIN TERRITORY—AGRICULTURAL RESEARCH

Carry on research on state and collective farms. N. Nazartsev. Part. zhizn' no. 19;20-25 O '62.

VIRGIN TERRITORY—BUILDING MATERIALS INDUSTRY

When profitable production is forgotten. G. Kurganskii Nar. khoz. Kazakh. 20 no. 8;34-36 Ag '62.

VIRGIN TERRITORY—CONSTRUCTION INDUSTRY

Provide an industrial base for state farms on the Virgin Territory. S. Gol'denberg. Zhil. stroi. no. 3;32 '62.

Rural construction in the Virgin Territory. I. Bystrov. Zhil. stroi. no. 9;21-22 '62.

VIRGIN TERRITORY—CROPS AND CLIMATE

Agroclimatic basis for raising creeping orchards in Siberia and the Virgin Territory. Trudy TSIP no. 101: 26-52 '62.

VIRGIN TERRITORY—ECONOMIC CONDITIONS

"Virgin Territory; short essays on its nature, population and economy." A book review. Priroda 51 no. 9;96 S '62.

VIRGIN TERRITORY—ECONOMIC GEOGRAPHY

Pal'gov, N. N., ed. [The Virgin Territory; brief studies on nature, population and economy] TSelinnyi kraj; kratkie ocherki o prirode, naselenii i khoziaistve. Alma-Ata, Kazakhskoe gos. izd-vo, 1962. 188 p.

VIRGIN TERRITORY—FARM MECHANIZATION

Virgin lands should have their own machinery operators. V. Merzliakov. Part. zhizn' no. 20;29-32 O '62.

VIRGIN TERRITORY—FLOWERS

Grain and roses. Part. zhizn' Kazakh. 32 no. 9;71 S '62.

VIRGIN TERRITORY—HARVESTING

Delayed harvesting in the Virgin Territory. D. Popel', A. Kuleshov. Part. zhizn' Kazakh. 32 no. 9;49-51 S '62.

VIRGIN TERRITORY—MACHINERY—DESIGN

Machine designers and production. V. Orlov. Nar. khoz. Kazakh. 20 no. 8;68-70 Ag '62.

VIRGIN TERRITORY—RURAL PLANNING

Planning agricultural regions. M. Gendel'man, M. Spektor, P. Shevchenko. Vop. ekon. no. 9;127-133 S '62.

State farm villages of the near future. G. Dontsov, I. Voronkov. Zhil. stroi. no. 8;27-29 '62.

VIRGIN TERRITORY—STATE FARMS

Provide an industrial base for state farms on the Virgin Territory. S. Gol'denberg. Zhil. stroi. no. 3;32 '62.

Specialization and division of labor among state farms in the Virgin Territory. Sh B. Burkoev. Vest. sel'khoz. nauki [Kazakh.] 5 no. 7;3-7 Jl '62.

VIRGIN TERRITORY—TELECOMMUNICATION

The workers of the Virgin Territory should be provided with all means of telecommunications. G. T. Shvanev. Vest. sviazi 22 no. 9;20-21 S '62.

VIRUS DISEASES OF PLANTS

(see also subdivision under Caucasus, Northern)

Some results of using the anti-incitant serum at the Experimental Station of Plant Protection [with summary in English]. Z. P. Kachalova. Izv. TSKHA no. 3;214-220 '62.

VIRUS RESEARCH

Mazurenko, N. P. [Role of viruses in the etiology of leukemia] Rol' virusov v etiologii leikozov, Kiev, Gosmedizdat USSR, 1962. 216 p.
(DNLM)

Viral physiology in comparative pharmacology [with summary in English]. V. L. Ryzhkov. Izv. AN SSSR. Ser. biol. 27 no. 4;530-543 Jl-Ag '62.

VISITORS, BRITISH

Gift from English miners. R. Dubrovin, M. IAlin. Sov. shakh. 11 no. 10;35 O '62.

VISITORS, FOREIGN see subdivision under Ukraine

VITAMIN THERAPY

Treatment of alopecia seborrhoica with vitamins [with summary in English]. I. B. Velmerov, P. A. Kruchkova, M. G. Podgaetskaia. Vest. derm. i ven. no 8;51-54 '62

VITAMINS

Low survival rate of newborn lambs under conditions of A and E hypovitaminosis in ewes [in Armenian with summary in Russian]. V. A Vonkerchian. Izv Upr. sel'khoz. nauki Arm. SSR 5 no. 6;83-86 '62.

Mechanization and automation in the vitamin industry. G. I. Savont'ianov, M. TS. IAnotovskii. Med. prom. 16 no. 5;21-25 My '62.

Vitamin content of fish and whale meal. V. I. Treshcheva. Ryb. khoz. 38 no. 7;70-73 '62.

Vitamins in human nutrition. I. M. TSvang Izv. i akush. 27 no. 7,31-34 Jl '62.

VITAMINS—A

Effect of vitamin A deficiency in experimental amebiasis in white rats. V. B. Schemanovich. Med. parazit. i parazit. bol. no. 3 331-332 '62.

Growth promoting substances for animals; orange-colored actinomycetes. Priroda 51 no. 8;78-79 Ag '62

Use of vitamin A in ampules and dispersed forms in some skin diseases. P. E. Maslov. Vest. derm. i ven. no. 8; 77-81 '62.

VITAMINS—B_1 see Thiamine

VITAMINS—B_{12} see Cyanocobalamine

VITEBSK—TEXTILE INDUSTRY

At the forefront of workers. N. Chikelchik. Komm. Bel 36 no 9;42-44 S '62.

VITICULTURE

(see also subdivision under Georgia; Moldavia)

The AVT-500 machine for transporting grapes. V. Vishnevskii. Trakt i sel'khozmash. 32 no. 10;38 O '62.

Effect of the length of day on the characteristics of growth and development of grape seedlings K D Stoev, Z. D Zankov Agrobiologiia no. 4,554-561 Jl-Ag '62

VITIM VALLEY—METAMORPHISM (GEOLOGY)

Metamorphism of rocks in the Amol'skoye ore deposit (northwestern Transbaikalia). P. M Khrenov. Trudy VSGI. Ser. geol. no. 5 170-200 '62.

VLADIMIR GOVERNMENT—AGRICULTURE, COOPERATIVE

Usatova, A. N. [Agrarian reforms and first communes in Vladimir Government] Agrarnye preobrazovaniia i pervye kommuny vo Vladimirskoi gubernii. [Vladimir] Vladimirskoe knizhnoe izd-vo, 1961. 90 p.
(CSt-H)

VLADIMIR GOVERNMENT—LAND TENURE

Usatova, A. N. [Agrarian reforms and first communes in Vladimir Government] Agrarnye preobrazovaniia i pervye kommuny vo Vladimirskoi gubernii. [Vladimir] Vladimirskoe knizhnoe izd-vo, 1961. 90 p.
(CSt-H)

VLADIVOSTOK—APARTMENT HOUSES

New apartment house district in Vladivostok. E. Grinchenko, L. Moshkunova. Na stroi. Ros. 3 no. 4;10-11 Ap '62.

VLADIVOSTOK—PRECAST CONCRETE

He came to the rescue. P. Makhinia, M. Taslitskii. Izobr. i rats. no. 8;9-10 Ag '62.

VLASOV, IURII

Actor and artist V. Andreev Teatr 23 no. 8;150 Ag '62.

VOCATIONAL GUIDANCE

Teaching geography and the choice of a vocation. G. A. Zapalov. Geog. v shkole 25 no. 5;39-41 S-O '62.

VOCATIONAL GUIDANCE—HYGIENIC ASPECTS

Medical consultation on some deviations in the internal organs in adolescents and students [with summary in English]. V. M. Levin. Vop. okh. mat. i det. 7 no. 8; 24-29 Ag '62.

VOLCANIC ASH, TUFF, ETC.

(see also subdivision under Armenia)

Madaiov, E. Kh. [Pyroclastic rocks] Piroklasticheskie gornye porody. Baku, Azerneshr, 1962. 247 p.

VOLCANOES

(see also subdivision under Kamchatka)

"Meetings with the devil" by Haroun Tazieff. Reviewed by A. Semenov. Znan.-sila 37 no. 5;51 My '62.

VOLGA-AKHTUBA FLOOD PLAIN—RECLAMATION OF LAND

Urgent problems in the reclamation of the Volga-Akhtuba Flood Plain. P. E. Prostakov, V. P. Bobkov, Zemledelie 24 no. 8;83-85 Ag '62.

VOLGA RIVER

There where the blue road meanders. Zh. Sakhnovskaia. Sov. shakh. 11 no. 10;44-45 O '62.

VOLGA RIVER—FLOODS

Analysis of the formation and calculation of a rain flood flow in the basin of the upper Volga and the Oka. O. A. Emel'ianova. Trudy GGI no. 99;195-260 '62.

VOLGA-URAL REGION—OIL FIELD BRINES
"Technique of investigating water-tapping wells in the Volga-Ural region" by I.K.Zerchaninova. Reviewed by V.Gerasimov, V.Pokrovskii. Geol nefti i gaza 6 no.8 60-62 Ag '62.

VOLGA-URAL REGION—ROCKS, CRYSTALLINE AND METAMORPHIC
Main types and distribution of crystalline rocks in the basement of the Volga-Ural oil-bearing region. T.A. Lapinskaia. Trudy MINKHIGP no.36;3-17 '62.

VOLGA VALLEY—CLAY
Volumetric deformations of Neocomian clays of the middle Volga Valley. A.A. Luga. Trudy TSNIIS no.45 152-157 '62.

VOLGIN, VIACHESLAV PETROVICH, 1879-
V.P. Volgin, obituary. Vop.ist. no.9,216-217 S '62.

VOLGA VALLEY—HISTORY
Karl Marx on certain problems in the history of the peoples in the Volga Valley. I.D.Kuznetsov. Uch. zap.ChNII no.21:179-194 '62.

VOLGA VALLEY—INLAND NAVIGATION
Significance of toponymy in studying the ancient waterways of the upper Volga. V.I.Ivanov. Vop.geog. no.58 100-108 '62.

VOLGA VALLEY—IRRIGATION FARMING
Irrigation as an important factor in the increase of farm productivity in the Volga region; at the conference of farm and water management workers of the Volga region. P.D. Denisenko. Gidr.i mel. 14 no.6:53-56 Je '62.
Saturation irrigation in the trans-Volga region [with summaries in English, German, and French]. I.S.Kostin, V.A.Solov'ev. Vest.sel'khoz.nauki 7 no.8:99-102 Ag '62.

VOLGA VALLEY—KARST
Karst features in the interfluve of the Volga affluents, Sok and Samara. A.I. Otreshko. Izv. Vses. geog ob-va 94 no.4:329-330 Jl-Ag '62.

VOLGA VALLEY—NAMES, GEOGRAPHICAL
Significance of toponymy in studying the ancient waterways of the upper Volga. F.I.Ivanov. Vop.geog. no.58: 100-108 '62.

VOLGA VALLEY—PALYNOLOGY
Some data on spore-pollen complexes of Paleogenic deposits in the middle Volga region. T.A.Dzhinoharadze. Dokl.AN SSSR 146 no.1:164-166 S '62.

VOLGA VALLEY—WATER, UNDERGROUND
Static level of underground waters in the lower Kama and central Volga Valleys. E.I. Sinlavskii. Geol. nefti i gaza 6 no.8:36-39 Ag '62.

VOLGOGRAD—ALUMINUM INDUSTRY
A unified transportation-warehouse workshop in a plant. L. Boichenko. Sots.trud 7 no.9:51-53 S '62.

VOLGOGRAD—CITY PLANNING
Competitive plans for the building of Krasnoarmeyskiy District in Volgograd. V. Maslinev. Na stroi. Ros. 3 no.4:12b-13 Ap '62.

VOLGOGRAD—EROSION
Ravine erosion on the territory of a city. A.S. Krlukov Izv. Vses. geog. ob-va 94 no.4:333-337 Jl Ag '62.

VOLGOGRAD—TRACTOR INDUSTRY
Using synthetic glue at the Volgograd Tractor Plant. V.I. Makhinia. Mashinostroitel' no.9:36 S '62.
We are building a happy life with our own hands. N. Zakharov. Agitator no.20:9-11 O '62.

VOLGOGRAD PROVINCE—ANTS
Importance of red forest ants for the preservation of forests in the Southeast [with summaries in English, German, and French]. V.IU.Shcheblanov. Vest.sel'khoz.nauki 7 no.8:114-119 Ag '62.

VOLGOGRAD PROVINCE—FOREST INSECTS—BIOLOGICAL CONTROL
Importance of red forest ants for the preservation of forests in the Southeast [with summaries in English, German, and French]. V.IU.Shcheblanov. Vest. sel'khoz.nauki 7 no.8:114-119 Ag '62.

VOLGOGRAD PROVINCE—MACHINERY INDUSTRY WORKERS
Klisov, V.G. [Trade-union committee works on a volunteer basis] Komitet profsoiuza rabotnet na obshchestvennykh nachalakh. [Moskva] Profizdat, 1962. 53 p.

VOLGOGRAD PROVINCE—RAILROADS, INDUSTRIAL
Joint railroad facilities. M.Nekhamin. Sots.trud 7 no.9:41-46 S '62.

VOLGOGRAD PROVINCE—TECHNOLOGICAL INNOVATIONS
Volgograd workers should improve their work. G. Popov. NTO 4 no.10:5 O '62.

VOLGOGRAD PROVINCE—TRADE UNIONS—OFFICERS
Klisov, V.G. [Trade-union committee works on a volunteer basis] Komitet profsoiuza rabotaet na obshchestvennykh nachalakh. [Moskva] Profizdat, 1962. 53 p.

VOLGOGRAD PROVINCE—WATER, UNDERGROUND
New simple method for determining the level of underground waters for any given date. V.V.Zakharov, N.S. Tokarev. Trudy N1PI 128:25-41 '62.

VOLGOGRAD RESERVOIR—RESERVOIR SEDIMENTATION
Methods for preventing silting in the Volgograd Reservoir [with summaries in English, German, and French]. L.I.Rastorguev. Vest.sel'khoz.nauki 7 no.8:110-113 Ag '62.

VOLKHOV
Volkhov. A.Izotov. Zhil.stroi. no.3:21-25 '62.

VOLLEYBALL
Training of the will in the volleyball player. L.I.Gurovich. Probl.psikhol.sporta no.2 292-300 '62.

VOLOGDA PROVINCE—BURNING OF LAND
Effect of burning on the microbiological activity in forest soils of Vologda Province. Trudy Inst.lesa i drev. 52 283-292 '62.

VOLOGDA PROVINCE—FOREST ECOLOGY
The cycle of nitrogen and ash elements in connection with the succession of species in forests of the central taiga. A.L.Parshevnikov. Trudy Inst.lesa i drev. 52:196-209 '62.
Main forest and soil types in Vologda Province in a region with a prevalence of carbonaceous moraine. K.A.Gavrilov, V.G.Karpov. Trudy Inst.lesa i drev. 52:5-118 '62.

VOLOGDA PROVINCE—FOREST INFLUENCES
Characteristics of atmospheric temperature in spruce-hardwood plantations and cutovers of various ages V.V.Protopopov. Trudy Inst.lesa i drev. 52:119-142 '62.

VOLOGDA PROVINCE—FOREST SOILS
Dynamics of soil factors in some forest types. A.IA. Orlov, V.N.Mina. Trudy Inst.lesa i drev. 52,143-195 '62.
Microbiological characteristics of taiga soils in Vologda Province. E.V.Runov, S.A.Valeva. Trudy Inst.lesa i drev. 52:230-262 '62.

VOLOGDA PROVINCE—FORESTRY RESEARCH
Introduction. Trudy Inst.lesa i drev. 52:3-4 '62.

VOLOGDA PROVINCE—SOIL MICRO-ORGANISMS
Effect of burning on the microbiological activity in forest soils of Vologda Province. Trudy Inst.lesa i drev. 52:283-292 '62.
Microbiological characteristics of taiga soils in Vologda Province. E.V.Runov, S.A.Valeva. Trudy Inst.lesa i drev. 52:230-262 '62.

VOL'SK—THEATERS
We have in Vol'sk.. I. Pollanskii. Teatr 23 no.8, 147 Ag '62.

VOLTAGE REGULATORS
Calculating temperature compensation for regulators and voltage relays. V.V. Andreev. Trudy MAI no.145:5-16 '62.
Electric current regulators (current limiters) using transistor devices. Trudy TSNII MPS no.232:16-20 '62.
An electronically controlled carbon-type voltage stabilizer. G.S. Vekster, N.F. Volkmar Izv.vys.ucheb. zav., radiotekh. 5 no.3 407-409 My-Je '62.

VOLTAMETER
Device for voltametric determination of oxygen dissolved in water. O.A.Sokolov. Ryb.prom. no.54:56-72 '60.

VOLTMETER
Voltmeter with expanded scale. V.Prakhov. Radio no.9:18,50 S '62.

VOLYN'-PODOLIAN UPLAND—FORAMINIFERA, FOSSIL
Some new species of Upper Cretaceous foraminifers of the Volyn'-Podolian Plateau [with summary in English, p.172]. A.M.Voloshina. Paleont.sbor.[Lvov] no.1:71 94 '61.

VOLYN'-PODOLIAN UPLAND—PECTINIDEA, FOSSIL—CLASSIFICATION
Systematics of Upper Cretaceous pectinids [with summary in English, p.176]. S.I.Pasternak. Paleont.sbor. [Lvov] no.1:19-21 '61.

VOLYN'-PODOLIAN UPLAND—RIVERS
Practice of studying the longitudinal profiles of several rivers in the southeastern part of the Volyn'-Podolian plateau for the analysis of recent tectonics. N.H. Volkov. Geog.zbir. no.6:23-30 '62.

VOLYN'-PODOLIAN UPLAND—RUNOFF
Annual runoff of western Polesye and the Volyn' Upland. O.Z. Revera. Geog.zbir. no.6:109-117 '62.

VOLYN' PROVINCE—AGRICULTURAL CREDIT
Supplying credit to collective farms. I.Ulas. Den.i kred. 20 no.8:56-61 Ag '62.

VOLYN' PROVINCE—FIELD CROPS
Industrial crops in Volyn' and Rovno Provinces, Ukrainian S.S.R. A.Borysenko, M.Pistun. Ekon.Rad.Ukr. no.5:53-56 S-O '62.

VOLZHSK—LANDSCAPE ARCHITECTURE
Landscaping the city of Volzhsk. E. Pliushchenko. Zhil.stroi. no.7:30 '62.

VORKUTA BASIN—MINE BUILDINGS
Planning mine buildings under permafrost conditions I.S.Cheskis. Shakht.stroi. 6 no.10:6-8 O '62.

VORONEZH—FEEDS—TRANSPORTATION
They mechanized the loading of mixed feeds in cars. V. Popov. Muk.-elev.prom. 28 no.7:26-27 Jl '62.

VORONEZH PRESERVE—BEAVERS
Birth of the young of beavers and deer. V.V. Dezhkin. Priroda 51 no.8:128 Ag '62.

VORONEZH PRESERVE—DEER
Birth of the young of beavers and deer. V.V Dezhkin. Priroda 51 no.8:128 Ag '62.

VORONEZH PROVINCE—EFFICIENCY, INDUSTRIAL
Good work has strong wings. V. Pavlov. Mol.komm. no.6:37-40 Je '62.

VORONEZH PROVINCE—FORESTS AND FORESTRY
The Tileorman forest and the Teleorman River [translated from the Rumanian]. J. Konja, S. Dragomirescu, G. Njamu. Vop.geog. no.58:112-116 '62.

VORONEZH PROVINCE—LIBRARIES, CHILDREN'S
The interdepartmental council supports us. E.Shvetsova Bibliotekar' no.9:51-53 S '62.

VORONEZH PROVINCE—MACHINERY INDUSTRY
Drive for the durability and reliability of machines in enterprises of the Voronezh Economic Council. V.Shvedov. Mashinostroitel' no.9:2 S '62.

VORONIN, SERGEI ALEKSEEVICH, 1913-
"Two lives" by S.Voronin. Reviewed by I.Terskopian. Vokrug sveta no.8:61-62 Ag '62.

VORONOV, MIKHAIL ALEKSEEVICH, 1840-1873
M.A Voronov, writer of the 1860's. V.IU. Troitskii. Uch zap. MGPI 160:259-281 '61.

VOROSHILOVGRAD see Lugansk

VOROSHILOVGRAD PROVINCE see Lugansk Province

VOVCHOK, MARKO, pseud. see Markovych, Maria Oleksandrivna (Vilinskaia) 1834-1907

VOYAGES AND TRAVELS
Berg, L.S. [The history of Russian geographical discoveries] Istoriia russkikh geograficheskikh otkrytii. Moskva, Izd-vo Akad. nauk SSSR, 1962. 295 p.
El'nitskii, L.A. [Ocean voyages of early antiquity] Drevneishie okeanskie plavaniia. Moskva, Geografgiz, 1962. 83 p.
Hennig, Richard, ed. [Unknown lands. Translated from the German] Neveddmyo zemli. Predisl. A.B. Ditmara i I.P. Magidovicha. Red. A.B. Ditmara. Moskva, Izd-vo inostr. lit-ry, 1961. 1v.
(WaU)

VOYNOSOLOVO—CROSS AND CROSSES
The Voynosolovo cross. V.V.Sedov. Sov.arkheol. 6 no.3:311-314 '62.

VRANCEA REGION—SEISMOLOGY
Epicentral zone of the Carpathian arc. O.I.Gurkevich Kat.karp.zemletrus no.1:30-30 '59.

VRANCEA REGION—SEISMOMETRY
Notes on processing data from the 1955 Carpathian earthquakes. O.I.Gurkevych. Kat.karp.zemletrus no.1 7-14 '59.

VRASSKII, VLADIMIR PAVLOVICH, 1829-1862
First Russian pisciculturist. Ryb.khoz. 38 no.9 29 '62

VRUBEL', MIKHAIL ALEKSANDROVICH, 1856-1910
Vrubel', M.A. Mikhail Aleksandrovich Vrubel'. [Avtor-sostavitel' S.Druzhinin]. Moskva, Gos. izd-vo izobrazitel'nogo iskusstva, 1961. unpaged (Mastera russkogo iskusstva)
(CU)

VVEDENSKII, NIKOLAI EVGEN'EVICH, 1852-1922
Nikolai Evgen'evich Vvedenskii's views of general biology and evolution. N.A.Grigorian. Trudy Inst. ist.est.i tekh. 40:198-220 '62.

VYATKA VALLEY—GEOLOGY, STRUCTURAL
Structure of the northern terminal of the Vyatka elevation in the light of geophysical data. A.A.Ivanov. Dokl. AN SSSR 146 no.1:171-174 S '62.

VYAZ'MA—AMATEUR THEATRICALS
People's artist in an amateur theater. V. Ioel's. Teatr 23 no.8:175-176 Ag '62.

VYAZ'MA—HOSPITALS
Work of an interdistrict hospital in aiding a rural public health system. N.S. Futornyi. Zdrav.Ros.Feder. 6 no.7:23-25 Jl '62.

VYBORG—TECHNICAL EDUCATION
A university for engineers. P.Aristarkhov. Polit. samoobr. 6 no.9:66-68 S '62.

WAGE PAYMENT SYSTEMS

Answers to our readers' questions. Sots.trud 7 no.9: 139-144 S '62

WAGES

For a closer control of wage funds. IU Margulis. Fin. SSSR 23 no.9:39-42 S '62.

In the State Committee on Problems of Labor and Wages of the Council of Ministers of the U.S.S.R. and the All-Union Central Council of Trade Unions. Sots.trud 7 no.9:148-149 S '62.

Increase the efficiency of control. P.Evseev, V.Turkovskii. Den.i kred. 20 no.8:61-69 Ag '62.

Replies to the editors. Sots.trud 7 no.9 145-146 S '62.

Veselkov, F. S. [Material incentives for workers in the U.S.S.R.] Material'noe stimulirovanie trudiashchikhsia v SSSR. Moskva, Gospolitizdat, 1962. 238 p.

Wages and several problems of material incentives. V.Maier. Plan.khoz. 39 no.10 16-25 O '62.

WAGES—BUILDING MATERIALS INDUSTRY

Batekhin, G. M., N. P. Nevolin, and IA. Kleinfel'd. [Organization of wages in the enterprises of the building materials industry] Organizatsiia zarabotnoi platy na predpriiatiiakh promyshlennosti stroitel'nykh materialov. Moskva, Gosstroiizdat, 1962. 306 p.

Kovalev, G. N., and G. F. Shchebunaev. [Wages at plants of the cement, reinforced-concrete, and asbestos-cement industry] Oplata truda na predpriiatiiakh tsementnoi, zhelezobetonnoi i asbestotsementnoi promyshlennosti. Moskva, Izd-vo VTsSPS, 1961 154 p.
(MIR)

WAGES—COAL MINERS

Consultation Sov.shakht 11 no.9 28-29 S '62

WAGES—COAL MINES AND MINING

Mikhaltenko, I. G. and Z. I. Peskin. [Reference aid on wages in the coal industry] Spravochnoe posobie po oplate truda v ugol'noi promyshlennosti. Moskva, Gosgortekhizdat, 1962. 250 p.

WAGES—CONSTRUCTION INDUSTRY
(see also subdivision under Kemerovo Province)

Graphic work order form in housing construction when the piece-rate wage system is in operation. M. Fikel'chik. Ekon.stroi. no.8 52-55 Ag '62.

WAGES—INSTRUMENT INDUSTRY see subdivision under Novosibirsk

WAGES—MACHINERY INDUSTRY
(see also subdivision under Latvia)

Improve the wage and bonus systems. S.Shkurko, A.Arkhipov. Sots.trud 7 no.9 126-132 S '62.

WAGES—RAILROADS

Duzniter, M. I., I. K. Bogdanov, and E. S. Maslova. [Wages of signalling and communication workers, manual] Oplata truda rabotnikov signalizatsii i sviazi; spravochnik. Pod obshchei red. I. F. Iliichenko. Moskva, Transzheldorizdat, 1962. 103 p.

WALL NEWSPAPERS

"Wall newspapers in schools" by M. I. Antipova. Reviewed by L. Zhukov. Komsom.zhizn' no.15,32 Ag '62.

WALLPAPER—STANDARDS

State standard for wallpaper. Zhil.stroi. no.8,34 '62

WALLS

Automatic device for laying brick and ceramic blocks in wall slabs. G. M. Baklanov. Stroi.mat. 8 no.8 10-12 Ag '62.

Choosing the optimum design of efficient ceramic blocks for one-layer wall slabs of exterior walls. M.G Landina, L. L. Koshitsk. Stroi.mat. 8 no.8,12-14 Ag '62.

Lukashenko, I. A., and others [Asbestos-cement elements for industrial buildings] Asbestotsementnye konstruktsii dlia promyshlennykh zdanii. Kiev, Gosstroiizdat USSR, 1962. 48 p. (Bibliotechka inzhenera-konstruktora)

Mechanization and automation of the vertical test stand for casting room-size gypsum-slag partitions. E. A. Lutin. Mekh.stroi. 19 no.11 17 Ap '62.

New production-line techniques for the manufacture of parts for large-panel housing construction. V. Popov. Bud.mat. i konstr. 4 no.2:14-18 Mr-Ap '62.

Suspended wall panels made of plastic material. A. Mkrtumian, N. TSaplev, L. Kozel'tsev. Stroi. i arkhit. Mosk. 11 no.9:23-25 S '62.

WALLS—THERMAL PROPERTIES see subdivision under Russia, Northern

WALNUT see subdivision under Caucasus, Northern Crimea

WALNUT—DISEASES AND PESTS see subdivision under Caucasus, Northern

WAREHOUSES
(see also subdivision under White Russia)

Establishing norms for warehouse work. L. Mogilko. Sots.trud 7 no.9:113-117 S '62.

Industrial designs of interlocked storerooms for industrial enterprises. I. Dilgach, M. Dakhno. Bud.mat. i konstr. 4 no.2:18-20 Mr-Ap '62.

What do the results of the study show. V. Vorotnikova, P. Zharov. Sots.trud 7 no.9 117-122 S '62.

WASHING MACHINES

Selecting the optimum pressure of the detergent spray for washing glass containers. P. R. Dito, A. S. Zhvalevskyi. Khar.prom. no.2:81-83 Ap-Je '62.

WASHING MACHINES—STANDARDS

Household washing machines. A. S. Flegontov. Standartizatsiia 26 no.9:34-35 S '62.

WASTE HEAT

Possibilities of cutting fuel expenditure in textile manufacture. V. V. Antonova. Tekst. prom. 22 no.9:82-83 S '62.

WASTE-HEAT ENGINES

Seliverstov, V. M. [Marine steam-power plants, methodological manual on the section "Marine boilers" (heat calculations of auxiliary and waste heat boilers)] Sudovye parosilovye ustanovki, metodicheskoe posobie po razdelu "Sudovye kotly" (teplovoi raschet vspomogatel'nogo i utilizatsionnogo kotla). Leningrad, Izd-vo "Rechnoi transport," 1962. 18 p.

WATER

Equilibrium of water in light paraffin hydrocarbons in the vapor phase at high pressures. O. N. Atrakovich. Trudy Inst.nip.gaza AN USSR 9 13-20 '61.

Relationship between water and clay rocks in the initial stage of the washout. Report No. 2. I. V. Popov, E. G. Borisova. Vest. Mosk.un. Ser. 4:Geol. 17 no.4:25-34 Jl-Ag '62.

WATER—AERATION

Experience with air-lift units in a system of aeration structures. G. I. Ivanushin. Vod.i san.tekh. no.7:23-25 Jl '62.

WATER—ANALYSIS

[Methods of chemical and microbiological analysis of water] Metody khimicheskogo i mikrobiologicheskogo analiza vody. [By] P. S. Savchenko o dr. Kiev, Gosmedizdat USSR, 1961. 197 p.

WATER—COMPOSITION
(see also subdivision under Kakhovka Reservoir, Ulup Valley)

Mercury content in some natural waters. N. Kh. Aidinian. Trudy IGEM no.70,9-14 '62.

WATER—LAWS AND LEGISLATION see subdivision under Tajikistan

WATER—MICROBIOLOGY

[Methods of chemical and microbiological analysis of water] Metody khimicheskogo i mikrobiologicheskogo analiza vody. [By] P. S. Savchenko o dr. Kiev, Gosmedizdat USSR, 1961. 197 p.

WATER—OXYGEN CONTENT

Device for voltametric determination of oxygen dissolved in water. O. A. Sokolov. Ryb.prom. no.54:56-72 '60.

WATER—POLLUTION
(see also subdivision under Kuban, Ladoga, Lake)

Conference on the sanitary protection of reservoirs. Hum.prom. 37 no.9:16 S '62.

Data for determining the permissible concentration of manganese (bivalent and tetravalent) in the water of reservoirs [with summary in English]. R. E. Khazhadzhe. Gig.i san. 26 no.12 8-14 D '61.

WATER—PURIFICATION
(see also subdivision under Black Sea, Izhevsk)

Twentieth Scientific Conference of the Leningrad Engineering and Construction Institute. Vod.i san.tekh. no.7:34 Jl '62.

WATER—SPECTRA

Determination of small quantities of water in acetaldehyde by infrared spectroscopy. A. N. Aleksandrov, N. K. Mikhailian, G. A. Sedova. Khim.prom. no.8 570-572 Ag '62

WATER—THERMAL PROPERTIES

Water flow as a thermal factor. G. B. Smolianskii. Gig. i san. 26 no.12:73-77 D '61.

WATER, UNDERGROUND
(see also subdivision under Astrakhan Province; Uzbekistan; Volga Valley; Volgograd Province)

Basic methods of regional hydrogeological investigations in connection with oil and gas prospecting. K. V. Filatov, A. A. Aleksin. Geol.nefti i gaza 6 no.8:29-30 Ag '62.

Calculating the prognosis of the level changes of underground waters using electronic computers. F. B. Abutaliev, U. Umarov, N. Artykova. Uzb.geol.zhur. 6 no.4 83-87 '62.

Characteristics of underground waters in an area of permanently frozen ground. V. M. Ponomarev. Sov. geol. 5 no.8:79-91 Ag '62.

Photoelectric measurements in boreholes. V. D. Kovalenko. Geofiz.sbor. no.3:73-80 '62.

Radio beam instead of a drill. IU. Bell'kin. Vokrug sveta no.8:4 Ag '62

Some characteristics of ground water recharge in the forest-and-steppe zone. K. P. Tkachenko. Geol.zhur. 22 no.4:78-83 '62

Some semiinverse methods in the theory of the motion of ground water. V. L. Menshikova. Izv.vys.uch.zav.; mat. no.5:47-58 '62.

Technical and economic indices of various methods of draining construction foundation pits. G. I. Smygunov. Energ.stroi. no.27 66-70 '62

WATER, UNDERGROUND—ANALYSIS see subdivision under Yenisey Valley

WATER, UNDERGROUND—COMPOSITION see subdivision under Chechen-Ingush A.S.S.R., Chernyye Zemli

WATER CLOSETS

Particle-board parts for glazed earthenware toilet bowls. I. Tulbarskyi. Bud.mat.i konstr. 4 no.2:53 Mr-Ap '62

WATER LILIES see subdivision under Kinel' District

WATER METABOLISM

Studying water metabolism in plants with the aid of heavy water (D_2O) [with summary in English]. P. D. Samuilov, IU. IA. Efremov. Fiziol.rast. 9 no.4 438-445 '62.

WATER ON THE BRAIN see Hydrocephalus

WATER PIPES
(see also subdivision under Kadan, Czechoslovakia)

Irregular movement of a liquid in closed water pipes. K. I. Dolmatov, I. A. Snegirev. Vod.i san.tekh. no.8 27-29 Ag '62

WATER RESOURCES DEVELOPMENT
(see also subdivision under Aral Sea, Azov, Sea of; Siberia; Soviet Central Asia, Ukraine)

Scientific routes of the seven-year plan. Vokrug sveta no.8:4 Ag '62

Water resources and control of evaporation from small and large rivers and lakes [with summary in English]. L. V. Egiazarov. Izv.AN Arm.SSR.Ser.tekh.nauk 15 no.4:13-34 '62.

WATER SUPPLY

Most precious mineral on earth. R. Balandin. Znan.-sila 37 no.6:34-36 Je '62.

WATER-SUPPLY ENGINEERING

Redesigning the system of "reverse" water supply with automatic control. M. P. Sustov. Vod.i san.tekh. no.8 21-22 Ag '62.

"Reverse" water supply with an overflow pipe in the hot and cold water tanks. S. K. Pisarenko. Vod.i san.tekh. no.8,23 Ag '62

WATER-SUPPLY ENGINEERING—BIBLIOGRAPHY see Bibliography—Water-supply engineering

WATER SUPPLY, RURAL

Coordinating conference on the theme of the State Committee on Construction of the U.S.S.R. "Water Supply and Sewerage for Rural Settlements". Vod.i san.tekh. no.7:35-36 Jl '62.

WATERMELONS

New data on the origin and classification of watermelons (Citrullus Forsk.). A.I. Filov. Bot.zhur. 47 no.7: 1039-1040 Jl '62.

WATERPROOFING

Gladkov, A. A., and V. P. Samoilov. [Waterproofing] Gidroizoliatsionnye raboty. Moskva, Gosstroiizdat, 1962. 199 p. (Serila posobii po povysheniiu masterstva stroitelei)

Mechanization of waterproofing work. Stroi.i arkhit. Len. 24 no.2:39 F '62.

WAVE GUIDES

Calculation of a homogeneous line with an arbitrary number of concentrated heterogeneities. N. T. Bova, E. N. Kaplan, I. B. Laikhtman. Izv.vys.ucheb.zav., radiotekh. 5 no.3 376-380 My-Je '62

Experimental study of surface wave antennas with radiation field resulting from the transverse curvature of directing wave guides. V. G. Voropaeva. Izv.vys.ucheb.zav., radiotekh. 5 no.3 314-320 My-Je '62.

Limits of the applicability of the helical wave guide method in measuring the dielectric permeability of matter. K. P. IAtsug, V. P. Shestopalov, V. A. Liashchenko. Zhur.tekh.fiz. 32 no.9:1102-1103 S '62.

WAVE MECHANICS

Calculating the absorption cross section for a free electron in the field of a neutral hydrogen atom. V. E. Romanov. Izv.vys.uch.zav., fiz. no.4:91-97 '62.

Quadrupole absorption of light in a copper oxide crystal. Many-electron wave functions of Frenkel's exciton [with summary in English]. N. V. Starostin. Vest.LGU 17 no.16,40-46 '62.

Quasi-classical wave function of a system with many degrees of freedom. A. V. Chaplik. Zhur.eksp.i teor.fiz. 43 no.1,84-86 Jl '62.

Theory of vector particles with oriented spin [with summary in English]. IU. M. Loskutov, IU. A. Popov. Zhur.eksp.i teor.fiz. 43 no.1:126-130 Jl '62.

WAVES

Practice of compiling prognoses of ocean waves under shipboard conditions. V.G Mertsalov, G.V. Rzheplinshii. Meteor. i gidrol. no 10 44-16 O '62.

Results of studies of sea wind waves. A.A. IUshchak. Meteor. i gidrol. no. 10:3-11 O '62.

Theory of steady progressive waves on the surface of a liquid of infinite depth. V.M. Bagin. Prikl. mat. i mekh. 26 no.5 848-853 S-O '62.

WEATHER see subdivision under Okhotsk, Sea of

WEATHER CONTROL

Active influence on meteorological processes. E.K. Fedorov. Vest. AN SSSR 32 no.9 76-85 S '62.

WEATHERING

(see also subdivision under Batum region, Brazil; Ende Valley, Russian Platform, Ural Mountain region)

Migration series of elements in the weathering surface. A.I. Perel'man, S.G. Batulin. Kora vyvetr. no.4 219-260 '62.

WEAVING

Calculating the filling of fabrics manufactured by means of single-layer weaving. V.P. Sklifannikov Tekst. prom. 22 no. 9:59-62 S '62.

Is there a need for warp hangers in automatic weaving? E.E. Balaev and others. Tekst. prom. 22 no. 9:37-38 S '62.

WEDDINGS

Readers relate; advise and criticize. Sov. profsoiuzy 18 no. 19 30-31 O '62.

WEED CONTROL see subdivision under East Kazakhstan Province; Moscow Province; Ukraine

WEEDS see subdivision under Murmansk Province

WEGENER, ALFRED LOTHAR, 1880-1930

Kuznetsova, L.I. [Shifting continents] Kuda plyvut materiki. Moskva, Geografgiz, 1962. 117 p.

WEIGHING MACHINES

Automatic weighing of cast iron. G.G. Brenko and others. Mekh. i avtom. proizv. 16 no. 9:17-19 S '62.

Speed of travel of scale cars G.E. Borsenev. Izv. vys. ucheb. zav., chern. met. 5 no. 8:183-188 '62

WEIGHT LIFTING

Psychological training of the weight lifter. V.M. Pisarenko. Probl. psikhol. sporta no. 2:387-393 '62.

WEIGHT THROWING

Development of volitional exertion in concrete sports movements. B.I. Butenko. Probl. psikhol. sporta no. 2:86-89 '62.

WEIGHTLESSNESS

Weight in weightlessness. N.IA. Seliakov. Priroda 51 no. 9:114-115 S '62.

WELDING

Kottikh, D.L., G.A. Mitrokhin, and A.V. Nemtsev. [New welding processes in ship repairs] Novye tekhnologicheskie protsessy svarki v sudoremonte. Moskva, Izd-vo "Morskoi transport," 1962. 55 p.

Nikolaev, G.A. [Welded structures] Svarnye konstruktsii. Izd. 3., perer. Moskva, Mashgiz, 1962. 552 p.

Welding and building up of parts with a kerosene burner. M. Korneev. Avt. transp. 40 no. 9:53-54 S '62.

WELDING—CONGRESSES

All-Union Conference of the Chief Welders in National Economy Councils, Ministries and Governmental Agencies. M.I. Shovkoplias. Avtom. svar. 15 no 9:91-92 S '62.

In the Coordinating Council on Welding. IA.A. Fedorenko. Avtom. svar. 15 no. 9:91 S '62.

Republican Seminar of Structural Welders. B.M. Shinkarev. Avtom. svar. 15 no. 9:94-95 S '62.

Scientific Technological Conference on Welding in Moldavia. A.A. Trushchenko. Avtom. svar. 15 no. 9:95 S '62.

Second Scientific Technological Conference on Diffusion Welding in Vacuum of Metals, Alloys, and Nonmetallic Materials. Avtom. svar. 15 no. 9:93-94 S '62.

WELDING—DEFECTS

Lack of fusion in the electric slag welding of austenitic chromium-nickel steel and alloys. A.N. Safonnikov, IU.P. Nikitin. Avtom. svar. 15 no. 9:27-36 S '62.

WELDING—HYGIENIC ASPECTS

Comparative characteristics of air pollution in a machine shop during electric welding with various types of electrodes. V.I. Petrov. Gig. i san. 26 no. 12:87-88 D '61.

WELDING—TECHNOLOGICAL INNOVATIONS see subdivision under Moscow Province

WELDING, GAS see Gas welding and cutting

WELLS

Converting gushing wells to controlled operation. O.K. Kiselev. Gidr. i mel. 14 no. 8:34-41 Ag '62.

WEST GERMANY see Germany, West

WEST KAZAKHSTAN TERRITORY—INDUSTRIES

The land of large industrial enterprises. Part. zhizn' Kazakh. 32 no. 9 71 S '62.

WEST SIBERIAN PLAIN—AMMONOIDEA

Upper Jurassic ammonites in the West Siberian Plain. I.G. Klimova. Trudy SNIIGGIMS no. 15, 13-27 '61.

Valanginian ammonites in the West Siberian Plain. I.G. Klimova. Trudy SNIIGGIMS no. 8:163-175 '60.

WEST SIBERIAN PLAIN—CLAY

Mineralogical composition of clays in Mesozoic sediments of the West Siberian Plain. T.F. Antonova, T.I. Gurova Trudy SNIIGGIMS no. 17:157-165 '61.

WEST SIBERIAN PLAIN—DIATOMS

Diatoms in Upper Jurassic sediments of the West Siberian Plain. V.N. Vekshina. Trudy SNIIGGIMS no. 6, 160-162 '60.

New genus and new species of diatoms from Cretaceous and Paleogene sediments in the West Siberian Plain. B.N. Vekshina. Trudy SNIIGGIMS no. 15:89-96 '61.

WEST SIBERIAN PLAIN—FORAMINIFERA, FOSSIL

New Danian-Paleocene complex of foraminifers in Western Siberia. E.V. Freiman. Trudy SNIIGGIMS no. 8, 212-215 '60.

WEST SIBERIAN PLAIN—GAS, NATURAL—GEOLOGY

Prospecting for Mesozoic oil and gas in the West Siberian Plain. F.G. Gurari. Trudy SNIIGGIMS no 17:15-31 '61

WEST SIBERIAN PLAIN—GEOLOGY, STRUCTURAL

Methods for quantitative studies of tectonic structures of the third order in the West Siberian Plain based on seismic prospecting data. E.V. Ekhanin, V.P. Zhadnova. Trudy SNIIGGIMS no. 17:51-69 '61.

Use of geophysical anomalies in studying the tectonics of sedimentary cover in the West Siberian Plain. G.I. Karatsev, Kh.S. Akhmiatzhanov. Trudy SNIIGGIMS no. 17:70-84 '61.

WEST SIBERIAN PLAIN—MICROPALEONTOLOGY

Microfaunal zones of the Can'kino series in the West Siberian Plain. E.N. Kiselman. Trudy SNIIGGIMS no. 8:176-188 '60.

WEST SIBERIAN PLAIN—MILIOLIDAE, FOSSIL

Miliolids in Upper Cretaceous and Paleogene sediments of the West Siberian Plain. F.S. Putria. Trudy SNIIGGIMS no. 15:20-66 '61.

WEST SIBERIAN PLAIN—MINERALOGY

Epigenetic changes in terrigenous Mesozoic rocks of the central part of the West Siberian Plain. G.N. Perozio. Trudy SNIIGGIMS no. 17:166-194 '61.

WEST SIBERIAN PLAIN—OIL WELL LOGGING

Separation in a cross section of wells of permeable horizons and estimation of their saturation characteristics. L.A. Sigal. Geofiz. razved. no. 9:108-118 '62.

WEST SIBERIAN PLAIN—PALYNOLOGY

New data on the pollen Brachyphyllum Brongn. and Pagiophyllum Heer. L.G. Markova. Trudy SNIIGGIMS no. 15:67-71 '61.

Spore-pollen spectra of Middle Jurassic sediments in the eastern margin of the West Siberian Plain. G.K. Kondrat'ev. Trudy SNIIGGIMS no. 15:73-89 '61.

WEST SIBERIAN PLAIN—PETROLEUM—ANALYSIS

Group chemical composition of oils in the West Siberian Plain. L.E. Kozlova, O.F. Stasova, A.M. Frolov. Trudy SNIIGGIMS no. 17:192-201 '61.

WEST SIBERIAN PLAIN—PETROLEUM GEOLOGY

Prospecting for Mesozoic oil and gas in the West Siberian Plain. F.G. Gurari. Trudy SNIIGGIMS no. 17:15-31 '61

WEST SIBERIAN PLAIN—PROSPECTING—GEOPHYSICAL METHODS

Use of geophysical anomalies in studying the tectonics of sedimentary cover in the West Siberian Plain. G.I. Karatsev, Kh.S. Akhmiatzhanov. Trudy SNIIGGIMS no. 17:70-84 '61.

WEST SIBERIAN PLAIN—RADIOLARIA, FOSSIL

Study of radiolarians in Cretaceous and Paleogene sediments in the West Siberian Plain. A.N. Gorbovets. Trudy SNIIGGIMS no. 8:216-222 '60.

WEST SIBERIAN PLAIN—ROCKS, SEDIMENTARY

Study of sorted terrigenous rocks of the Mesozoic and Cenozoic in the West Siberian Plain. T.I. Gurova. Trudy SNIIGGIMS no. 17:137-142 '61.

WEST SIBERIAN PLAIN—SEISMIC PROSPECTING

Methods for quantitative studies of tectonic structures of the third order in the west Siberian Plain based on seismic prospecting data. E.V. Ekhanin, V.P. Zhadnova. Trudy SNIIGGIMS no. 17:51-69 '61.

WESTERN EUROPE see Europe, Western

WESTERN SIBERIA see Siberia, Western

WHEAT

(see also subdivision under Azerbaijan, Bashkiria, Polesye, Ukraine)

Anatomic structure of the winter wheat stem in relation to its resistance to lodging. E.S. Strutsovskaia. Sbor trud. asp. i mol. nauch. sotr. VIR no. 1 18-24 '60

Comparative characteristics of the biology of flowering and pollination of wheat and rye. IU.P. Laptev Sbor trud. asp. i mol. nauch. sotr. VIR no. 1:32-36 '60.

Determination of the heat of combustion of wheat grain proteins during their thermal denaturation. V.N. Ponomarev and others. Dokl. AN SSSR 136 no. 1:213-214 S '62.

Embryoless wheat seeds. E.F. Migushova Sbor trud asp. i mol. nauch. sotr. VIR no. 1:3-12 '60

Evaluation of the agrometeorological conditions for growing spring wheat in the steppe and forest steppe zones of the R.S.F.S.R. B.P. Ponomarev. Trudy TsIP. no. 101:3-25 '62.

Evaluation of the agrometeorological conditions of growing winter wheat in the period of flower and grain formation on the ear of the main stalk in areas of the southeastern U.S.S.R. and the southern Ukraine where there is insufficient soil moisture. N.K. Turbaevskaia. Trudy TSIP no. 101:113-116 '62.

Poorly filled ear of soft spring wheat. M.P. Aladova. Sbor. trud. asp. i mol. nauch. sotr. VIR no. 1:24-29 '60.

WHEAT—DISEASES AND PESTS

(see also subdivision under Ukraine)

Efimov, A.L., and others. [Control of pests and diseases of spring wheat and millet in virgin and idle lands] Bor'ba s vreditelliami i boleznniami iarovoi pshenitsy i prosa na tselinnykh i zalezhnykh zemliakh. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1954. 45 p. (MAU)

WHEAT—FERTILIZERS AND MANURES

(see also subdivision under Bul'boksky District, Switzerland; Ukraine)

Effect of potassium on the water balance and yield of Leukurum wheat. A.I. Shchukina. Uch. zap. Kuib. gos. ped. inst. no. 35 17-56 '61.

WHEAT—GRADING

Basis for machine grading to separate the most valuable wheat seeds [with summary in English]. N.V. Alekhin. Izv. TSKHA no. 3:31-46 '62.

WHEAT—HARVESTING see subdivision under Ural Mountain region

WHEAT—STORAGE

Receive and preserve grain of durum and strong wheats in an exemplary manner. L. Nazarevskii, P. Shevrygin. Muk.-elev. prom. 28 no. 7:3-4 Jl '62.

WHEAT—VARIETIES see subdivision under Rostov Province

WHEAT BREEDING

Appearance of winter forms in the hybridization of spring wheat. M.P. Aladova, Sbor. trud. asp. i mol. nauch. sotr. VIR no. 1:28-31 '60.

Crossing soft and durum wheat with reference to the conditions of growth. E.V. Tavrin. Sbor. trud. asp. i mol nauch. sotr. VIR no. 1:12-17 '60.

Cultivation of isolated wheat embryos as a differentiating factor. N.A. Sobolev. Sbor. trud. asp. i mol. nauch sotr. VIR no. 1:77-84 '60.

WHEELS

Rolling and hardening machine for the manufacture of double-flanged crane wheels. K.F. Starodubov and others. Trudy Inst. chern. met. AN URSR 13:45-50 '62.

WHITE RUSSIA—AGRICULTURE

Urgent problems facing our rural toilers. Komm Bel 36 no. 9:13-16 S '62.

WHITE RUSSIA—AUTUMN

September. A. Kurskou. Belarus' 10 no. 9:31 S '62.

WHITE RUSSIA—CHEMICAL INDUSTRIES

From the editors' mail. Sots. trud 7 no. 9:146-147 S '62.

WHITE RUSSIA—COMMUNIST EDUCATION

We should study the science of communism. Komm. Bel. 36 no. 9 2-7 S '62.

WHITE RUSSIA—COMMUNIST PARTY OF THE SOVIET UNION

Some problems in the history of the White Russian people and the Communist Party of White Russia in the light of the program of the CPSU. N Komenskaia Komm. Bel. 36 no 9 29-35 S '62.

WHITE RUSSIA—COMMUNIST YOUTH LEAGUE

On the banks of Lake Naroch. Nar. gaev. no. 9:48-49 S '62.

WHITE RUSSIA—COMPOST

Use of manure-soil composts in White Russia. V.I. Shempel', S.I. Balakhonov. Agrobiologiia no 4 595-600 Jl-Ag '62.

WHITE RUSSIA—EDUCATION
Brief news. Nar. asv. no. 6, 92 Je '62.

WHITE RUSSIA—FARM MECHANIZATION
How our cities give their help to rural areas M. Bury. Belarus' 19 no. 8-11 Ag '62.

WHITE RUSSIA—FISHERIES
Fish just ask to be caught. I. Satsunkevich. Belarus' 19 no. 9; 28 S '62.

WHITE RUSSIA—FRUIT CULTURE
A planter H. Nuzhkova Rab. i sial. 38 no. 9 6-7 S '62.

WHITE RUSSIA—GLASS MANUFACTURE—HYGIENIC ASPECTS
Industrial hygiene in glass works. V. S. Bodinko, G. I. Pashkovskaia, N. S. Ingel', Gig. i san. 26 no. 12: 82-85 D '61.

WHITE RUSSIA—HISTORY
"History of the White Russian S. S. R., a textbook for the grades 7 and 8 of eight-year schools." Reviewed by A. Sidnienka. Nar. asv. no. 6: 85-88 Je '62
"History of the White Russian S. S. R." Vol 2. Reviewed by R. Shlopak, S. IAkubovskaia. Kommunist 39 no. 16: 116-119 N '62.
Some problems concerning the history of the U. S. S. R. in the periodical "Rocznik Olsztynski." A. Tautavichus, M. IUchas. Ist. SSSR 6 no. 5: 232-233 S-O '62
Some problems in the history of the White Russian people and the Communist Party of White Russia in the light of the program of the CPSU. N. Kamenskaia Komm. Bel. 36 no. 9: 29-35 S '62

WHITE RUSSIA—HISTORY—SOURCES
"How the workers of western White Russia struggled for their social and national liberation and the reunification of their region with the White Russian S. S. R., documents and source materials." Vol. 1 Reviewed by IA. Misko. Komm. Bel. 36 no. 9: 71-75 S '62

WHITE RUSSIA—HISTORY—STUDY AND TEACHING
First lessons in the history of White Russia during the "Brief history of the U. S. S. R." classes in the eighth grades of eight-year schools N. Paulava. Nar. asv. no. 9: 55-61 S '62.

WHITE RUSSIA—HISTORICAL RESEARCH
Work of the Faculty of History of White Russian University. P. Z. Savochkin. Vop. ist. no. 9: 107-109 S '62.

WHITE RUSSIA—INDUSTRIES
Follow-up of articles published in our periodical Komm. Bel. 36 no. 9: 80 S '62

WHITE RUSSIA—INTRACOASTAL WATERWAYS
White Russia is being given an access to the sea. G. Nikitin. Rech. transp. 21 no. 9: 31-32 S '62.

WHITE RUSSIA—LOCAL GOVERNMENT
Lectures for the personnel of the White Russian soviets. Sov. deput. trud. no. 10: 102 O '62

WHITE RUSSIA—MACHINERY INDUSTRY—COSTS
Practice in improving the intraplant planning of costs. A. Kokhan. Plan. khoz. 39 no. 10: 64-67 O '62.

WHITE RUSSIA—MACHINERY INDUSTRY—TECHNOLOGICAL INNOVATIONS
Pashkovich, O. N. and P. I. Serdiukov. [Communist labor brigades and technological progress] Brigady kommunisticheskogo truda i tekhnicheskii progress. Minsk, Izd-vo Akad. nauk BSSR, 1962. 151 p.

WHITE RUSSIA—NEWSPAPER AND PERIODICAL CIRCULATION
Instruction plan for interdistrict offices of the Union Press. Raspr. pech. no. 9: 19-21 S '62.
Mechanization of order work in White Russia. V. Chumak. Raspr. pech. no. 9: 17-18 S '62.

WHITE RUSSIA—POISONOUS PLANTS
Mikhailovskaia, V. A., and N. V. Kozlovskaia. [Poisonous and harmful plants] IAdovitye i vrednye rastenila. Minsk, Izd-vo Akad. nauk BSSR, 1962. 116 p. (DNAL)

WHITE RUSSIA—RUSSIAN LANGUAGE—STUDY AND TEACHING
Recommended methods for correction of orthographical errors in one-room elementary schools. V. Mal'tsev. Nar. asv no. 9 15-21 S '62

WHITE RUSSIA—SALES TAX
How we project turnover tax rates. I. Mokhort. Fin. SSSR 23 no. 9: 54-55 S '62.

WHITE RUSSIA—SOCIALIST COMPETITION
Pashkevich, O. N. and P. I. Serdiukov. [Communist labor brigades and technological progress] Brigady kommunisticheskogo truda i tekhnicheskii progress. Minsk, Izd-vo Akad. nauk BSSR, 1962. 151 p.

WHITE RUSSIA—SOILS
Ivanov, S. N. [Physicochemical character of phosphates in peats and turf-Podzolic soils Fiziko-khimicheskii rezhim fosfatov torfov i dernovo-podzolistykh pochv. Otv. red. I. N. Antipov-Karatnev. Minsk, Gos. izd-vo sel'khoz. lit-ry BSSR, 1962. 250 p. (DNAL)

WHITE RUSSIA—STATE FARMS
Rapid development of the Ozertsy State Farm. M. Dosin. Belarus' 19 no. 9 2-3 S '62.

WHITE RUSSIA—SUMMER
August. A. Kurakou Belarus' 19 no. 6: 31 Ag '62.

WHITE RUSSIA—TELEVISION BROADCASTING
On the sky-blue screen. V. Paleski. Belarus' 19 no. 8: 22 Ag '62.

WHITE RUSSIA—TRADE UNIONS—OFFICERS
The light might go out . . . A. El'perin. Sov. profsoiuzy 18 no. 19 22 O '62.

WHITE RUSSIA—TURPENTINING
Tapping of spruce in White Russia G. Z. Blumin Gidrolizn. i lesokhim. prom. 15 no. 6 14-16 '62

WHITE RUSSIA—WAREHOUSES
The sacred duty of each and all. A. Golovko, P. Grinkin. Sov. deput. trud. no. 10: 64-67 O '62.

WHITE RUSSIAN ACTORS see Actors, White Russian

WHITE RUSSIAN DRAMA—HISTORY AND CRITICISM
Poetry of the life of the people A. Simukov Teatr 23 no. 8 53-58 Ag '62.

WHITE RUSSIAN LANGUAGE—PUNCTUATION
A form of simple sentences with unregulated punctuation. H. Klimau. Nar. asv no. 9: 37-38 S '62.

WHITE RUSSIAN LANGUAGE—STUDY AND TEACHING
Some methodological problems concerning the elimination of vernacular forms from the speech of school children. M. Lahikova Nar. asv. no. 9: 30-36 S '62

WHITE RUSSIAN LITERATURE—HISTORY AND CRITICISM
Great rights are also great obligations Vladimir IUrevich. Vop. lit. 6 no. 9 90-96 S '62

WHITE RUSSIAN LITERATURE—STUDY AND TEACHING
Atheistic education during the reading of literary works in the fifth grade. P. Sontsau. Nar. asv. no. 9: 40-47 S '62

WHITE RUSSIAN NEWSPAPERS
The "gold mine" isn't far away. D. Pinkhasik. Komm. Bel. 36 no. 9: 66-70 S '62.

WHITEFISHES
Using Kuvanskii's water-jet apparatus in the incubation of whitefish eggs. V. I. Anpilova. Ryb. khoz. 38 no. 7. 24-26 '62.

WHOLESALE TRADE—PRICES
Important stage in the improvement of wholesale prices and tariffs. M. Skvortsov. Ekon. Rad. Ukr. no. 5: 63-66 '62.

WILD OATS
Removing wild oats from grain. P. Khalturin, V. Savel'ev. Muk.-elev. prom. 28 no. 7: 15-17 Jl '62.

WILDLIFE, CONSERVATION OF see subdivision under Badkhyz Preserve

WILL
Adaptation to unfavorable changes in the body's internal environment as a condition for volitional manifestations in the sportsman. A. B. Gandel'sman. Probl. psikhol. sporta no. 2: 143-154 '62.
Characteristics of the difficulties in the present-day pentathlon and their significance in the training of the will in the sportsman. V. I. Pugachev. Probl. psikhol. sporta no. 2: 326-331 '62.
Content in and methods for the training of the will in the sportsman. G. M. Gagaeva. Probl. psikhol. sporta no. 2: 20-31 '62.
Development of moral and volitional preparedness in those participating in boxing. A. N. Otradnov. Probl. psikhol. sporta no. 2: 371-380 '62.
Development of volitional exertion in concrete sports movements. B. I. Butenko. Probl. psikhol. sporta no. 2: 66-80 '62.
Effect of some types of sports pursuits on the development in sportsmen of decisiveness and daring. T. T. Dzhamgarov. Probl. psikhol. sporta no. 2: 87-98 '62.
Effect of various forms of external stimulation on the effectiveness of movements and actions. N. R. Bogush. Probl. psikhol. sporta no. 2: 115-121 '62.
Emotional and volitional characteristics of the actions of horsemen in overcoming obstacles. O. A. Chernikova. Probl. psikhol. sporta no. 2: 332-345 '62.
Experimental study of decisiveness in basketball players. G. V. Zamiatin. Probl. psikhol. sporta no. 2: 277-283 '62.
Forming volitional qualities in students of the senior classes who participate in the boxing section. E. P. Mikhailov. Probl. psikhol. sporta no. 2: 381-386 '62.
General conclusion from our experience in the training of the will of track athletes. A. A. Filippov. Probl. psikhol. sporta no. 2: 219-225 '62.
Intellectual bases for the training of the will in the sportsman. A. TS. Puni. Probl. psikhol. sporta no. 2: 40-48 '62.
Manifestation of will in artistic gymnastics. M. G. Amilakhvari. Probl. psikhol. sporta no. 2: 198-204 '62.
Method for training the will in fencers. V. I. Fedorov. Probl. psikhol. sporta no. 2: 346-351 '62.
Moral bases for the training of the will in the Soviet sportsman. V. V. Belorusova. Probl. psikhol. sporta no. 2: 32-39 '62.
Overcoming the difficulties requiring displays of decisiveness and daring from gymnasts of the senior classes. B. N. Smirnov. Probl. psikhol. sporta no. 2: 198-197 '62.
Phase nature of the development of initiative in basketball players. IU. IU. Palaima. Probl. psikhol. sporta no. 2 267-276 '62.
Physiological mechanisms of volitional actions. D. K. Zhukov, IU. Z. Zakhar'iants. Probl. psikhol. sporta no. 2, 130-133 '62.
Psychological bases for the moral training of the will in the sportsman. P. A. Rudik. Probl. psikhol. sporta no. 2: 9-10 '62.
Psychological characteristics of volitional actions in overcoming the difficulties during the finish of 500 and 800 m. races. G. B. Meikson. Probl. psikhol. sporta no. 2: 211-217 '62.
Psychological hurdles in the competitions among sportsmen. V. K. Gavriliuk. Probl. psikhol. sporta no. 2 99-107 '62.
Role of the emotions in the volitional acts of the sportsman. O. A. Chernikova. Probl. psikhol. sporta no. 2: 19-65 '62.
Self-training of the will in the sportsman. A. TS. Puni. Probl. psikhol. sporta no. 2 122-129 '62.
Significance of the will in sports competition. G. M. Dvali. Probl. psikhol. sporta no. 2 108-114 '62.
Some physiological bases for the manifestation of volitional activity in the sportsman. A. V. Korobkov. Probl. psikhol. sporta no. 2 155-164 '62.
Study of the methods for training the will in select teams of track athletes. L. V. IUrasov. Probl. psikhol. sporta no. 2 205-212 '62.
Training of the will in basketball players. I. N. Preobrazhenskii. Probl. psikhol. sporta no. 2: 248-260 '62.
Training of the will in boxers. N. A. Khudadov. Probl. psikhol. sporta no. 2: 352-360 '62.
Training of the will in female master gymnasts during the process of training studies. A. P. Bogomolov, I. G. Kelishev. Probl. psikhol. sporta no. 2: 170-187 '62.
Training of the will for middle distance running. IU. G. Travin. Probl. psikhol. sporta no. 2: 234-240 '62.
Training of the will in the ski jumper; preliminary report. V. A. Vorobnov. Probl. psikhol. sporta no. 2, 319-325 '62.
Training of the will in the swimmer. N. A. Butovich. Probl. psikhol. sporta no. 2: 306-318 '62.
Training of the will in the volleyball player. L. I. Gurovich. Probl. psikhol. sporta no. 2, 292-300 '62.

WILLOWS
Seed characteristics and the growing of seedlings of the white willow. P. H. Vakuliuk. Visnyk sil'hosp. nauky 5 no. 9: 113-114 Ag '62.

WINCHES
Kharkov. Ukrainskii nauchno-issledovatel'skii institut organizatsii i mekhanizatsii shakhtnogo stroitel'stva. [Rules for the technical operation of sinking winches] Pravila tekhnicheskoi ekspluatatsii prokhodcheskikh lebedok. Utverzhdeno Glavnym Upravleniem ugol'noi i torfianoi promyshlennosti Ukrasovnarkhoza 23 iiuna 1961 g. Moskva, Gosgortekhizdat, 1962. 57 p.
Mine 2LPM-10/600 winch. Shakht. stroi. 6 no. 9: 4 of cover S '62.

WIND POWER
Wind in the service of man. V. Strelkov. NTO 4 no. 10: 60-61 O '62.

WINDBREAKS, SHELTERBELTS, ETC.
A century of practice in growing shelterbelt plantations along railroad lines [with summaries in English, German, and French]. N. T. Makarychev. Vest. sel'khoz. nauki 7 no. 6: 135-139 Je '62.
Hot dry winds and forest shelterbelts in the Northern Caucasus. S. I. Smirnova. Trudy TSIP no. 101: 108-112 '62.

WINDING MACHINES
Machine for uncoiling steel cables. O. V. Sychugov, A. P. Sorokin. Mashinostroitel' no. 9: 25 S '62.
New machine for winding lattices of wire strain gauges. O. N. Kasatkin. Priborostroenie no. 9: 26 S '62.

WINDLASS see Winches

WINDOWS—TESTING see subdivision under Germany, West

WINDS
Narovlianskii, G. IA., and S. V. Solonin. [Equivalent wind and methods of calculating it] Ekvivalentnyi veter i metody ego rascheta. Leningrad, Gidrometeoizdat, 1962. 96 p.

WINE AND WINE MAKING see subdivision under Transcarpathia

WINTER see subdivision under Ukraine

WIRE
Rapid annealing of wire made of 08 steel (rimmed). K. F. Starodubov, K. V. Babich. Trudy Inst. chern. met. AN URSR 13: 88-91 '62.

WIRE BROADCASTING
(see also subdivision under Odessa Province)

Sadovnichii, N. P., and I. I. Zhad'ko. [Mechanization of construction and repair operations of overhead communication and wire broadcasting lines] Mekhanizatsiia stroitel'stva i remonta vozdushnykh linii sviazi i radiofikatsii Moskva, Sviaz'izdat, 1962 117 p.

WIRE DRAWING
Hardening of cold-drawn wire during low-temperature tempering. Trudy Inst. chern. met. AN URSR 10 75-81 '62.

Investigating the process of vibration drawing. T M Golubev and others. Met i gornorud prom no 3 70-73 My-Je '62.

Optimum diameter of wire rod for rod mills. N. V. Litovchenko, M. A. Vitievskii. Metallurg 7 no.10:34-35 O '62.

WIRE NETTING
Technological processes of the manufacture of wear-resistant wire screens and bands for the coke industry and mining. A. S. Sbitnev Biul. tekh.-ekon. inform. Gos. nauch.-issl. inst. nauch. i tekh. inform. no. 9 7-14 '62.

WOLFF, CASPAR FRIEDRICH, 1733-1794
"C. F. Wolff and his teaching on the development of organisms" by A. E. Gaisinovich Reviewed by K. B. Iur'ev. Zool. zhur. 41 no. 8 1272-1274 Ag '62.

WOMEN see subdivision under Soviet Central Asia

WOMEN—HEALTH AND HYGIENE
Dogorov, I. I. [Feminine hygiene] Gigiena zhenshchiny. Izd. 4., ispr. i dop. Leningrad, Ob-vo po raspr. polit. i nauchn. znanii RSFSR, 1962. 66 p. (DNLM)

Vojackova, Helena. [Movement is a guarantee of the health and beauty of a woman] Dvizhenie - zalog zdorov'ia i krasoty zhenshchiny. Moskva, Izd-vo "Fizkul'tura i sport," 1962. 111 p. illus. (DNLM)

WOMEN—RIGHTS OF WOMEN see subdivision under Tajikistan

WOMEN—SOCIETIES AND CLUBS
From the editor's mail. Agitator no. 20:60-61 O '62.

WOMEN AS ATHLETES
Training of the will in female master gymnasts during the process of training studies. A. P. Bogomolov, I. G. Kelishev. Probl. psikhol. sporta no. 2. 178-187 '62.

WOMEN AS PHYSICIANS
Pioneers in medical education for women in Russia. A. A. Shikov. Med. sestra 21 no. 8:49-51 Ag '62.

WOMEN AS TRACTOR OPERATORS
My place in life. Nina TSed. Rab. i sial. 30 no. 9:5 Ag '62.

WOMEN IN AGRICULTURE see subdivision under Kara-Kalpak A. S. S. R.

WOMEN IN CONSTRUCTION
Girls from a trade school. L. Voronisov. Znan.-sila 37 no. 7:42-43 Jl '62.

WOOD
Patterns of the relationship among morphological, anatomical, physical and mechanical indices in spruce [with summary in English]. R. S. Stepanov. Izv. TSKHA no. 2:209-213 '62.

WOOD—CHEMISTRY
(see also subdivision under Latvia; Syama)

WOOD ENGRAVING see subdivision under Petrikovtsy (Dnepropetrovsk Province)

WOOD FINISHING
Dull finishing of furniture with lacquer flow coating machines. V. P. Bakhareva, I. A. Drynova. Der. prom. 11 no. 10:17-18 O '62.

From practices in dull finishing of furniture. J. Balukevičius, Z. Pakutinskiene. Der. prom. 11 no. 10:24 O '62.

Heat treatment method for imparting water repellent properties to particle boards. A. A. El'bert. Der. prom. 11 no. 10:3-6 O '62.

Method of finishing particle boards with plastics. V. A. Sizov, N. A. Ivanov. Der. prom. 11 no. 10:1-3 O '62.

WOOD-USING INDUSTRIES see subdivision under Leningrad Province

WOOD-USING INDUSTRIES—BIBLIOGRAPHY see Bibliography—Wood-using industries

WOODPULP
Bleaching of birch and aspen woodpulp. F. P. Komarov. Bum. prom. 37 no. 9:20-22 S '62.

"Harmful" and "harmless" resins. G. D. Sobtsev, A. V. Isaeva. Bum. prom. 37 no. 9 26 S '62.

WOODPULP INDUSTRY
Fight decisively the entrainment of fibers by waste waters. K. N. Malyshkin. Bum. prom. 37 no. 9:2-3 S '62.

New reinforcement of the engineer staff in the woodpulp and paper industry. N. M. Kostin. Bum. prom. 37 no. 9:29-30 S '62.

WOODPULP INDUSTRY—BIBLIOGRAPHY see Bibliography—Woodpulp industry

WOODPULP INDUSTRY—BY-PRODUCTS see subdivision under Latvia

WOODPULP INDUSTRY—EQUIPMENT AND SUPPLIES
[Equipment and technology of the printing industry] Ref. zhur. Otd. vyp. 37: Obor. i tekh. poligr. proizv. nos. 18-20 S-O '62.

Purification and diactivating of sewage in the new woodpulp and paper factories. P. S. Varfolomeev. Bum. prom. 37 no. 9:4-6 S '62.

WOODPULP INDUSTRY—RESEARCH see subdivision under Vilnius

WOODWORKING INDUSTRIES—BIBLIOGRAPHY see Bibliography—Woodworking industries

WOODWORKING INDUSTRIES—EQUIPMENT AND SUPPLIES
Klimki. TSentral'nyi nauchno-issledovatel'skii institut mekhanizatsii i energetiki lesnoi promyshlennosti. [Papers of the Central Scientific Research Institute of Mechanization and Power Engineering in the Lumber Industry, of the Irkutsk and Caucasus Branches of the Institute, and of the Karelian Scientific Research Institute of Design and Planning for the Lumber and Woodworking Industries in the Field of the Mechanization of Lumbering Operations; collection of reports on research completed during 1960] Trudy TsNIIME, Irkutskogo, Kavkazskogo filialov TsNIIME i Karel'skogo proektnogo nauchno-issledovatel'skogo instituta lesnoi i derevoobrabatyvaiushchei promyshlennosti v oblasti mekhanizatsii lesozagotovok, sbornik referatov nauchno-issledovatel'skikh rabot vypolnennykh v 1960 g. Moskva, 1962. 109 p.

WOODWORKING INDUSTRIES—TECHNOLOGICAL INNOVATIONS see subdivision under Rostov-on-Don

WOODWORKING MACHINERY—MAINTENANCE AND

I. I. Sholnov. [Organization and maintenance and repair of the equipment ries; transcript of a lecture] wanie remontov oborudovaniia hikh predpriiatii; stenogramma ningr. dom nauchno-tekhn. p.

ERY—SAFETY APPLIANCES
vement of safety appliances for y and equipment. Der. prom.

dycotrophy of woody plants] i porod. Moskva, Izd-vo Akad. p.

related to sexual differentiation [with summary in English]. E. G. no. 7:038-044 Jl '62.

LIZERS AND MANURES
on the oxidation-reduction proc-elopment of some woody plants. N Azerb. SSR, Ser. biol. i med.

most important part of life. vop. trud. no. 6:10-17 Je '62.

Novoselov, N. S. [Transformation of labor into the prime necessity of life] O prevrashchenii truda v pervuiu zhiznennuiu potrebnost'. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1961. 143 p. (MH)

Work is the most beautiful trait of man. G. Bulatskii Komm Bel 36 no. 9 17-21 S '62.

WORK BOATS
Modernizing channel dredging and maintenance fleet on the Kama. S. Khodarev. Rech. transp. 21 no. 9 37-38 S '62.

WORK FUNCTION (PHYSICS)
Work function of thin films of barium oxide on heated tungsten. T. S. Kitsanova, A. R. Shul'man, A. V. Dement'eva. Fiz. tver. tela 4 no. 9. 2615-2617 S '62.

WORKINGMEN'S CLUBS
Our clubrooms, what are they like? P. Buzmakov. Sov. shakh. 11 no. 10:42-43 O '62.

WORKS COUNCILS see subdivision under Donets Basin; Leningrad; Ukraine

WORLD FEDERATION OF TRADE UNIONS—CONGRESSES
The workers say "No" to the "Common Market." P. Pimenov Sov profsoiuzy 10 no. 19 38-41 O '62

WORLD POLITICS
Avakov, R. M. [At the crossroads of history; the nature and motive force of the present-day national liberation struggle] Na istoricheskom perepute, o kharaktere sovremennoi natsional'no-osvoboditel'noi bor'by i ee dvizhushchikh silakh. Moskva, Gospolitizdat, 1962. 59 p.

Brief notes on international events. Nov. vrem. 20 no. 40:32 O '62.

Brief notes on international events. Nov. vrem. 20 no. 41:32 O '62.

Brief notes on international events. Nov. vrem. 20 no. 42 32 O '62.

Brief news on international events. Nov. vrem. 20 no. 43:32 O '62.

Brief news on international events. Nov. vrem. 20 no. 44. 32 O '62.

For peace and friendship! Belarus' 19 no. 9 1 S '62.

The 45th anniversary of the Great October Socialist Revolution; materials for lectures and talks. Komm. Vooruzh. Sil 33 no. 19 36-43 O '62.

The horizons of communism. K. Zarodov. Agitator no. 20:3-8 O '62.

How the ideologists of the bourgeoisie distort the principle of peaceful coexistence. I. M. Ivanova. Sov. gos. i pravo 32 no. 10:96-105 O '62

The ideals of our age. Sovremennik. Nov. vrem. 20 no. 44:4-6 O '62.

In the organization of one-hundred and nine nations. N Sergeeva. Nov. vrem. 20 no 42:4-6 O '62.

International commentary. Mezhdunar. zhizn' 9 no. 10: 103-116 O '62.

International notes. Nov. vrem. 20 no. 40:23-25 O '62.

International notes. Nov. vrem. 20 no. 41:24-25 O '62.

International notes. Nov. vrem 20 no. 12 21-23 O '62.

International notes. Nov. vrem. 20 no. 43:24-25 O '62.

International notes. Nov. vrem. 20 no. 44:22-24 O '62.

Irreconcilability to the enemies of communism. S. Kaplin. Komm. Vooruzh. Sil 3 no. 19:44-48 O '62.

Maevskii, V. V. [When skyscrapers shake; a political report] Kogda shatautsia neboskreby; politicheskii reportazh. Moskva, Gospolitizdat, 1962. 206 p.

Militant banner of creative Marxism-Leninism. Kommunist 39 no. 16:3-12 N '62.

Narrow and broad concepts. N. Sergeeva. Nov. vrem. 20 no. 43:7-9 O '62.

Program for peace. Nov. vrem. 20 no. 40:1-2 O '62.

Program of the CPSU and study of the problems of international politics. N. Shishlin. Polit. samoobr. 6 no. 9. 46-54 S '62.

Program of studies of the bases of the domestic and foreign policies of the Communist Party of the Soviet Union. Polit. samoobr. 6 no. 9:130-135 S '62.

Putko, A. B. [Struggle for the mind and heart of youth; imperialist propaganda and youth] Za umy i serdtsa iunykh; imperialisticheskaia propaganda i molodezh'. Moskva, Izd-vo "Znanie," 1962. 45 p. (Novoe v zhizni, nauke, tekhnike. X Serliia: Molodezhnaia, no. 15)

Review of the youth press. Mol. mira no. 7:18-23 '61.

Tarle, E. V. [Works in twelve volumes] Sochineniia v dvenadtsati tomakh. Moskva, Izd-vo Akad. nauk SSSR. Vol. 12. 1962. 534 p.

Ten days in Yugoslavia. A. Lukovets. Nov. vrem. 20 no 42:11 O '62.

WORLD WAR, 1939-1945
(see also subdivision under Borodino; Chuvashia; Denmark; El'nya District; France; Japan; Minsk; Poland, Rogachev; Ukraine)

Bonn comments upon a Soviet historical study. A. M. Filitov. Ist. SSSR 6 no. 5:228-232 S-O '62.

Dediko, E. Rurovskii. Sov. voin 44 no. 19:41-43 O '62.

Deed of a Soviet soldier. Voen. znan. 38 no. 9:40 S '62.

WORLD WAR, 1939-1945 (Continued)
"History of the Second World War" by K. Tippelskirch. Translated from the German. Reviewed by D. E. Skorodumov. Sbor. dokl. Voen. ist. sek. no. 3 202-213 '60.
Tankmen of the "Relentless." A. Lobachev. Voen. znan. 38 no. 9:15 S '62.

WORLD WAR, 1939-1945—AERIAL OPERATIONS
He survived this crash. IA. Shutsila, I. Leshanluk. Belarus' 19 no. 8:8 Ag '62.
Platonov, N. E. [Squadron of heroes] Eskadril'ia geroev. Moskva, Voenizdat, 1962. 94 p.

WORLD WAR, 1939-1945—CAMPAIGNS
Batov, P. I. [In campaigns and battles] V pokhodakh i bolakh. Moskva, Voenizdat, 1962. 396 p. (Voennye memuary)

WORLD WAR, 1939-1945—CHILDREN
Their meeting. Rab. i sial. 38 no. 8:4 Ag '62.

WORLD WAR, 1939-1945—ECONOMIC ASPECTS
Lupalo, I. G., comp. [The rear guard] Gvardiia tyla. Moskva, Gospolitizdat, 1962. 447 p.

WORLD WAR, 1939-1945—MEDICAL AND SANITARY AFFAIRS
Soil of the theater of the 1941-1944 military actions as a reservoir of pathogenic micro-organisms of the genus Clostridium. M. I. Tarkov. Trudy MIEMG no. 5 15-21 '61.

WORLD WAR, 1939-1945—PERSONAL NARRATIVES, BULGARIAN
Chonof, TSona. [I'll tell you about my son. Translated from the Bulgarian] IA rasskazhu vam o moem syne. [Moskva] Molodaia gvardiia, 1962. 205 p.

WORLD WAR, 1939-1945—PERSONAL NARRATIVES, KAZAKH
Gabdullin, Matik. [On comrade friends; sketches of the front. Translated from the Kazakh] O druz'iakh-tovarishchakh; frontovye ocherki. Alma-Ata, Kazgoslitizdat, 1961. 190 p.
(MH)

WORLD WAR, 1939-1945—POETRY
Young men of the year 1941. L. Lazarev. Vop. lit. 6 no. 9 42-58 S '62.

WORLD WAR, 1939-1945—PRISONERS AND PRISONS, GERMAN
Evstigneev, G. V. [Flight to freedom] Polet na svobodu. [Izd. 2., dop. i perer.] Moskva, Gospolitizdat, 1962. 94 p. (Geroi i podvigi)
(MH)

WORLD WAR, 1939-1945—UNDERGROUND MOVEMENTS
Rostunov, I. I. [In the region crossed by the "Old Smolensk Road."] Na staroi Smolenskoi doroge. Moskva, Voenizdat, 1962. 70 p. (Geroicheskoe proshloe nashei strany)

WORM-GEAR see Gearing, Worm

WORMS—EGGS
Comparative characteristics of the eggs of Hymenolepis nana (Siebold, 1852) and Hymenolepis fraterna (Stiles, 1906), family Hymenolepididae. A. I. Gushchina. Trudy Kar. fil. AN SSSR no. 30:97-102 '61.

WORMS—EMBRYOLOGY see Embryology—Worms

WORMS, INTESTINAL AND PARASITIC see subdivision under Rostov Province

WOUNDS—TREATMENT
Healing of wounds during the use of anesthetics. O. F. Rusinov. Visnyk sil'hosp. nauky 5 no. 8:118-119 Ag '62.

WRESTLING
Soiuz sportivnykh obshchestv i organizatsii SSSR, TSentral'nyi sovet. [Greco-Roman wrestling; a program for children's sport schools] Klassicheskaia bor'ba, programma dlia detskikh sportivnykh shkol. Moskva, Izd-vo "Fizkul'tura i sport," 1962. 61 p.

WRIST—FRACTURE
Fractures and dislocations of the carpal bones. Z. K. Bashurov. Trudy Len. gos. nauch.-issl. inst. travm. i ortop. no. 8:58-74 '61.

X-RAY CRYSTALLOGRAPHY
Dependance of the intensity of reflected X-ray waves on the dimensions of the reflecting single crystal (case of a point source). A. G. Akritov, P. A. Bezirganian. Izv. AN Arm. SSR, Ser. fiz.-mat. nauk 15 no. 3:99-106 '62.
Some specific probing characteristics of cadmium sulfide. V. O. Borisov, A. E. Kiv, O. R. Niiazova. Izv. AN Uz. SSSR, Ser. fiz. mat. nauk 6 no. 2:55-58 '62.

X-RAY SPECTROSCOPY
Characteristics of X-ray short-wave satellites. A. Z. Men'shikov. Fiz. met. i metalloved. 14 no. 3:396-399 S '62.
Correction of X-ray spectra for symmetric distortion. V. P. Sachenko, I. IA. Nikiforov. Opt. i spektr. 13 no. 3:447-450 S '62.

X RAYS
Coloring of light-sensitive glass by X radiation. V. A. Borgman, V. G. Chistosardov. Opt. i spektr. 13 no. 3:421-424 S '62.
Periodicity disturbances as bearing on the effect of anomalous transmission of X rays. Integral characteristics of anomalous transmission of X rays. A. M. Elistratov, O. N. Efimov. Fiz. tver. tela 4 no. 9 2397-2410 S '62.
X-ray radiation of the sun. I. P. Tindo. Priroda 51 no. 7:37-47 Jl '62.

X RAYS—DIFFRACTION
Investigations on the diffraction of X rays. V. I. Simonov. Vest. AN SSSR 32 no. 9:132-134 S '62.
Skrysheveskii, A. F. [Diffraction of X rays, electrons, and neutrons in gases and the molecular structure] Difraktsiia rentgenovskikh luchei, elektronov i neitronov v gazakh i stroenie molekul. [Kiev] Izd-vo Kievskogo univ., 1961. 84 p.
X-ray diffraction study of precipitates produced by bombarding metals with ions of other metals. V. IA. Dudarev, G. S. Zhdanov, B. A. Alekseev. Atom. energ. 13 no. 4 382-383 O '62.

X RAYS—EQUIPMENT AND SUPPLIES see subdivision under Aktyubinsk

X RAYS—PHYSIOLOGICAL EFFECT
Physiology of the development of offspring born from females subjected to radiation injury in the embryonal period [with summary in English]. E. A. Kakushkina, L. A. Plodovskaia, N. G. Mitor. Zhur. ob. biol. 23 no. 4 296-301 Jl-Ag '62.

X RAYS—SCATTERING
Use of the method of anomalous X-ray scattering in studying the characteristics of the disintegration of a supersaturated solid solution of zinc in aluminum in the region of the α + α'-phase. K. M. IAmaleev. Izv. vys. uch. zav., fiz. 3:83-86 '62.

X RAYS—THERAPEUTIC USE
Arthropathies caused by X-ray therapy and radiotherapy. J. Kolář, R. Vrabec. Orthop., travm. i protez. 23 no. 6:33-36 Je '62.
Short focus X-ray therapy of skin neoplasms. N. A. Vostrikova. Med. sestra 21 no. 9 14-15 S '62.
X-ray therapy of postoperative duodenal fistulae. O. V. Mikhailova, B. F. Smetanin. Knz. med. zhur. no. 3:60-61 My-Je '62.

XYLITOL
Synthesis of methyl ethers of xylitol and anhydroxylitol derivatives. A. N. Antseva, S. N. Danilov. Zhur. ob. khim. 32 no. 8:2498-2500 Ag '62.

YACHTS AND YACHTING
Sport of braves and romantics. NTO 4 no. 10:58-59 O '62.

YAKUTIA—BUILDING—ESTIMATES
Uniform method for determining estimated costs in the Arctic and Far North regions. A. Vasin. Ekon. stroi. no. 8:72-73 Ag '62.

YAKUTIA—CYCADOPHYTA
New Lower Cretaceous cycadophyte of Yakutia. V. A. Vakhrameev. Paleont. zhur. no. 3:123-129 '62.

YAKUTIA—ECONOMIC GEOGRAPHY
Naumov, G. V. [Western Yakutia; economic and geographical features] Zapadnaia IAkutiia; ekonomiko-geograficheskaia kharakteristika. Moskva, Izd-vo Akad. nauk SSSR, 1962. 140 p.

YAKUTIA—EDUCATION
Success of public education in Yakutia. V. Afanas'ev. Nar. obr. no. 10:23-24 O '62.

YAKUTIA—KIMBERLITE—CLASSIFICATION
Classification of kimberlite rocks in Yakutia and their nomenclature. M. I. Rabkin, M. A. Krutolarskii, V. A. Milashev. Trudy NIIGA 121:154-164 '62.

YAKUTIA—LARCH
Biology of fertilization in the Dahurian larch in central Yakutia. L. K. Pozdniakov. Bot. zhur. 47 no. 7:1000-1006 Jl '62.

YAKUTSK PROVINCE—FARM MECHANIZATION
Real patrons. V. Lagunov. Izobr. i rats. no. 10:23-24 O '62.

YAMAL-NENETS NATIONAL AREA—EDUCATION
Schools in the tundra. E. Kuzakova. Nar. obr. no. 10:25-26 O '62.

YAMAL-NENETS NATIONAL AREA—EDUCATION OF CHILDREN
Yamal-Nenets National Area. Nar. obr. no. 10:16a-16d O '62.

YANGI-ARYK DISTRICT—COTTON—HARVESTING
We should efficiently complete the harvesting of cotton. I. Dosov, R. Atadzhanov. Part. zhizn' [Uzb.] 5 no. 9:30-31 S '62.

YANGI-YUL' REGION—AMBARY HEMP
For a high yield of "green gold." I. Satybaldyev. Part. zhizn' [Uzb.] 5 no. 9:68-71 S '62.

YANGI-YUL' REGION—JUTE
For a high yield of "green gold." I. Satybaldyev. Part. zhizn' [Uzb.] 5 no. 9:68-71 S '62.

YAREGA REGION—MINE ROOF BOLTING
Large-span rod bolting for workings. A. G. IUkhimenko. Gor. zhur. no. 9:72 S '62.

YAROSLAVL—ANTIQUITIES
Clay bear's paws from the Timerevo mound. M. V. Fekhner. Sov. arkheol. 6 no. 3:305-309 '62.

YAROSLAVL—EVENING AND CONTINUATION SCHOOLS
Inculcating a conscientious attitude toward study. S. I. Breev. Vech. i sred. shkola 5 no. 3:70-73 My-Je '62.

YAROSLAVL—INDUSTRIAL MUSEUMS
Museum needs support. K. Kostrin, V. Parkhomenko. NTO 4 no. 10:42-43 O '62.

YAROSLAVL PROVINCE—EDUCATION
Reorganizing the schools. N. Karelin. Nar. obr. no. 8 11-16 Ag '62.

YAROSLAVL PROVINCE—MILITARY EDUCATION
Letters to the editor. S. Pianov, A. Plotnikov. Voen. znan. 38 no. 9:22 S '62.

YAROVOYE, LAKE (ALTAI TERRITORY)—BATHS, MOOR AND MUD
Bactericidal properties of therapeutic mud from Lake Yarovoye. S. I. Kerasheva. Antibiotiki 7 no. 8:744-748 Ag '62.

YARTSEVO DISTRICT—PALYNOLOGY
Spore-pollen complexes in the Upper Cretaceous of the Kasskaya 1-R hole. K. N. Grigor'eva. Trudy SNIIGGIMS no. 8:203-211 '60.

YASHPAL, 1903-
Art devoted to the people. B. Andrianov. Az. i Afr. segodnia no. 9:31-32 S '62.

YEAST
Comparative study of light and dark reactivation of yeast cells of different ploidy injured by ultraviolet radiation [with summary in English]. V. I. Korogodin and others. Zhur. ob. biol. 23 no. 4:302-307 Jl-Ag '62.
Numerical equivalent of turbidity for suspensions of cells of yeast test cultures used for determining the activity of antibiotics [with summary in English]. B. A. Fikhman, V. L. Shirlaeva. Antibiotiki 7 no. 8:742-744 Ag '62.
Stroke method for the isolation of unicellular cultures of yeast and yeastlike fungi free from bacteria [with summary in English]. I. S. Popov, B. A. Zaderozhnyi, L. I. Mishchenko. Vest. derm. i ven. no. 8:39-41 '62.

YELABUGA DISTRICT—PETROLOGY
Petrography and structural characteristics of the crystalline basement of the Yelabuga-Bondyuzhskiy group of uplifts. Trudy MINKHIGP no. 38:18-28 '62.

YEMEN—FOREIGN RELATIONS
A strange neutrality. Nov. vrem. 20 no. 42 2-3 O '62.

YEMEN—POLITICS AND GOVERNMENT
A new Arab republic. Nov. vrem. 20 no. 41:2 O '62.
Republican Yemen and its enemies. D. Vol'skii. Nov. vrem. 20 no. 43:18-21 O '62.
A strange neutrality. Nov. vrem. 20 no. 42 2-3 O '62.

YENAKIYEVO—COAL PREPARATION PLANTS—EQUIPMENT AND SUPPLIES
Increasing the operative efficiency of vacuum filters in the coal preparation branch of the Yenakiyevo Coke and Chemical Plant. I. T. Kotov, A. A. Bezverkhii, L. I. Berdichevskii. Ugol' Ukr. 6 no. 9:15-17 S '62.

YENISEY RIDGE—NEPHELINE SYENITE
Behavior of some groups of chemical elements in the formation of nepheline-syenites of the Yenisey Ridge. E. V. Sveshnikova. Trudy IGEM no. 76:125-142 '62.

YENISEY RIDGE—PETROLOGY
Petrochemical characteristics of the association of ijolite-melteigite rocks and nepheline-syenites as revealed by the studies of alkali intrusions in the Yenisey Ridge. N. V. Samoilova. Trudy IGEM no. 76:143-169 '62.

YENISEY VALLEY—GEOLOGY, STRATIGRAPHIC
Correlation of Upper Cretaceous cross sections of the Yenisey Valley portion of the West Siberian Plain based on the typomorphic characteristics of minerals. L. I. Romodina. Trudy SNIIGGIMS no. 17:143-149 '61.

YENISEY VALLEY—WATER, UNDERGROUND—ANALYSIS
Results in determining the mineralization of formation waters in the northeastern part of the West Siberian Plain based on resistivity logging data. M. A. Sadikov. Trudy SNIIGGIMS no. 17:185-191 '61.

YEREVAN see Erivan

YESSENTUKI—HEALTH RESORTS, WATERING PLACES, ETC.

Effect of health resort treatment in Yessentuki on disorders of lipoid and protein metabolism in chronic cholecystitis and hepatitis. A. M. Nogaller. Vop. kur., fizioter. i lech. fiz. kul't. 27 no. 3 197-205 My-Je '62.

Indications and contraindications for treating patients with biliary tract diseases at balneological health resorts. I. S. Savoshchenko. Vop. kur., fizioter. i lech. fiz. kul't. 27 no. 3:193-197 My-Je '62.

Savoshchenko, I. S. [Yessentuki Health Resort] Kurort Essentuki. [Stavropol'] Stavropol'skoe knizhnoe izd-vo, 1962. 158 p. (DNLM)

YOUNG COMMUNIST LEAGUE see Communist Youth League

YOUNG PEOPLE'S LIBRARIES see Libraries, Young people's

YOUTH
(see also subdivision under Colombia, Mongolia, Ukraine)

Mikhalevich, A. V. [The young are not greenhorns] Molodo - ne zeleno. Moskva, Izd-vo "Znanie," 1962. 31 p. (Novoe v zhizni, nauke, tekhnike. X Seriia Molodezhnaia, no. 14)

Putko, A. B. [Struggle for the mind and heart of youth, imperialist propaganda and youth] Za umy i serdtsa iunykh; imperialisticheskaia propaganda i molodezh' Moskva, Izd-vo "Znanie," 1962. 45 p. (Novoe v zhizni, nauke, tekhnike. X Seriia: Molodezhnaia, no. 15)

The youth of the world demand disarmament! Mol. mira no. 7 1 '61

YOUTH—BIBLIOGRAPHY see Bibliography—Youth

YOUTH—CONGRESSES

Friends and enemies of the youth festival. G. Kasholian Mol. komm. no. 6:87-96 Je '62.

Leaders of youth organizations answer.. Mol komm no. 6:99 Je '62.

News from abroad. Mol. komm. no. 6:100 Je '62.

Strength of youth. L. Shikanov. Sov. voin 41 no. 10:36-39 O '62.

YOUTH—PERIODICALS

Review of the youth press. Mol. mira no. 7 18-23 '61.

YUGOSLAVIA—FOREIGN RELATIONS—RUSSIA

L. I. Brezhnev in Yugoslavia. Nov. vrem. 20 no. 40:4 O '62.

Ten days in Yugoslavia. A. Lukovets. Nov vrem. 20 no. 42:11 O '62

Warm welcome in Yugoslavia. Nov. vrem. 20 no. 41: 1-2 O '62.

YUGOSLAVIA—HISTORY

How the Yugoslav masses struggled against the dictatorship of monarchist and fascist reactionary groups, 1928-1929. N. S. Iovanovich. Uch. zap. Inst. slav. 25: 135-170 '62.

Last days of the Hapsburg Monarchy and the liberation struggle of the southern Slavs; the "National Council" and its work. Iu. A. Pisarev. Uch. zap. Inst. slav 24: 197-220 '62.

YUR'YEV-POL'SKIY—ARCHITECTURE—CONSERVATION AND RESTORATION

The problem of restoring the north facade of the Cathedral of Saint George in Yur'yev-Pol'skiy. G. K. Vagner Arkhit nas 14 27-34 '62

ZAGLADA, NADEZHDA GRIGOR'EVNA—BIBLIOGRAPHY see Bibliography—Zaglada, Nadezhda Grigor'evna

ZAILIYSKIY ALA-TAU see Trans-Ili Ala-Tau

ZAKARIA, MUFDI

Poet of the Algerian revolution. N. Zand. Az. i Afr. seg. no. 9:36-39 S '62.

ZAKATALY PRESERVE—SOIL MOISTURE

Effect of beech forests growing at different altitudes on the dynamics of soil moisture [in Azerbaijani with summary in Russian]. B. A. Dzhafarov. Izv. AN Azerb. SSR, Ser. biol. i med. nauk no. 3:93-103 '62.

ZAKATALY REGION—HETEROPTERA

Studying the true bugs (Hemiptera) of the Nukha-Zakatały zone. D. A. Gidnatov. Izv. AN Azerb. SSR, Ser. biol. i med. nauk no. 3:61-66 '62.

ZAPOROZH'YE—IRON AND STEEL PLANTS

Automatic slagging-off from ladles. P. I. Akinin, IA. P. Gindis, I. I. Khromykh. Mekh. i avtom. proizv. 16 no. 9:20 5 '62.

The "Dneprospetsstal'" Plant is 30 years old. Metallurg 7 no. 10 1-3 O '62.

Main direction of modernization and reorganization. A. Komanovskii, D. Spirkut. Metallurg 7 no. 9:25-27 S '62.

ZAPOROZH'YE—MUNICIPAL SERVICES

"Too many cooks" in the city of Zaporozh'ye. L. Luban. Sov. deput. trud. no. 10:46-49 O '62.

ZAPOROZH'YE—RUSSIAN NEWSPAPERS

For the high productivity of labor. Part zhizn' no. 20, 71-73 O '62.

ZAPOROZH'YE—SINTERING—EQUIPMENT AND SUPPLIES

Operation of mixing drums at the Zaporozhstal' plant sintering department. P. IA. Skachko, D. P. Pritykin Met. i gornorud. prom. no. 3 77-80 My-Je '62

ZAPOROZH'YE—SLAUGHTERING AND SLAUGHTERHOUSES—EQUIPMENT AND SUPPLIES

Mechanized method of beef cattle conveying for slaughtering. O. S. Preobrazhens'kii. Khar. prom. no. 2, 16-18 Ap-Je '62.

ZAPOROZH'YE—STEEL—ELECTROMETALLURGY

Production of electric steel at the "Dneprospetsstal'" Plant. N. M. Chuiko, G. I. Antipenko Met i gornorud prom. no 4 18-19 Jl-Ag '62.

ZAPOROZH'YE—TECHNICAL LIBRARIES

First assistants. N. Lysenko. Bibliotekar' no. 9:47-48 S '62

ZAPOROZH'YE PROVINCE—CONSTRUCTION INDUSTRY

The contribution of state farm builders. V. Riabykov. Sil'. bud 12 no 9:5-6 Ag '62.

ZAPOROZH'YE PROVINCE—INDUSTRIES

Use of plastics in enterprises of the Zaporozh'ye Economic Council. V. N Kestel'man, V. P. Ivashkevich. Mashinostroitel' no 9:38-39 S '62.

ZAPOROZH'YE PROVINCE—LABOR PRODUCTIVITY

For the high productivity of labor. Part. zhizn' no. 20 71-73 O '62.

ZARINS, MARGERIS, 1910-

Krasinskaia, L. E. [Margeris Zarins, a study of his life and works] Marger Zarin', ocherk zhizni i tvorchestva. Leningrad, Sovetskii kompozitor, 1961. 38 p (CLU)

ZHDANOV—PENTECOSTAL CHURCHES

The evil was rendered harmless. K. Tkachov, I Sklovskyi. Voiov. ateist no. 12:27-29 D '61.

ZHLOBIN DISTRICT—DAIRYING

So that their eyes may beam with happiness. I. Naumova. Rab. i sial. 36 no. 8:7-8 Ag '62.

ZHUK, KASIAN MIKOLAEVICH

Kasian Mikolaevych Zhuk as a meteorologist. M. I. Shcherban'. Geog. zbir. no. 6:184-188 '62.

ZHUYA VALLEY—GEOLOGY

Stratigraphy and tectonics of the Lower Proterozoic in the Nechera-Zhuya region (Patom Plateau). F. V. Kuznetsova. Trudy VSGI. Ser. geol. no. 5 221-230 '62

ZILAIR DISTRICT—FARM MANAGEMENT

Characteristics of land utilization and organization on collective farms in the moutain-forest area of the Bashkir A. S. S. R. N. I. IArmak. no. 14:97-107 '61.

ZINC

Effect of an electric field on the diffusion of zinc in silicon. R. Sh. Malkovich, N. A. Alimbarashvili. Fiz. tver. tela 4 no. 9, 2355-2358 S '62

ZINC-COPPER ALLOYS see Copper-zinc alloys

ZINC INDUSTRY—TECHNOLOGICAL INNOVATIONS see subdivision under Kazakhstan

ZINC OXIDE—SPECTRA

Light-induced electron paramagnetic resonance signals in zinc oxide. E. V. Baranov, V. D. Kholmogorov, A. N. Terenin. Dokl. AN SSSR 146 no. 1:125-128 S '62.

ZINC SULFIDE

The technology of the manufacture of articles from zinc-sulfide glass R. M. Fridman. Stek i ker. 19 no. 8 39-40 Ag '62.

ZININ, NIKOLAI NIKOLAEVICH, 1812-1880

N. N Zinin, an outstanding Russian chemist; 150th anniversary of his birth. A. E Arbuzov. Vest. AN SSSR 32 no. 9 66-77 S '62.

N. N Zinin and the Academy of Sciences. L. S. Kuliabko. Vest. AN SSSR 32 no. 9 118-119 S '62.

Pioneer of Russian organic chemistry; 150th anniversary of N. N. Zinin's birth N. A. Figurovskii. Priroda 51 no. 8:102-104 Ag '62.

ZINOVIEV, KLYMENTII

Genre nature of Klymentii Zinovitiev's verses. V. P. Kolosova. Rad. lit. 6 no. 5:85-90 S-O '62.

ZIRCON

Mechanism of helium separation from metamict zircons [with summary in English]. A. V. Kuriakin. Geokhimiia no. 8:660-664 '62.

ZIRCONIUM

Determination of small amounts of zirconium in native materials [with summary in English]. I. A. TSerkovnitskaia, N. S. Borovnia. Vest. LGU 17 no. 16:140-150 '62.

Extraction of zirconium and hafnium from fluorometallate solutions by tri-n-octylamine. G. A. IAgodin, A. M. Chekmarev. Tr. kaf., teor., prim., app. no. 2 141-153 '62

ZIRCONIUM HALIDES

Thermal stability of zirconium and hafnium tetrahalide molecules striking a hot surface in vacuo. V. I. TSirel'nikov, L. N. Komissarova, Vikt I. Spitsyn. Dokl. AN SSSR 146 no. 1 122-121 S '62.

ZIRCONIUM OXIDE—OPTICAL PROPERTIES

Optical properties and structure of zirconium dioxide films. A. I. Sviridova. Opt. i spektr. 13 no. 3:425-428 S '62.

ZONE MELTING

Electric slag remelting of austenitic Cr13 steel. B. I. Medovar, G. V. Ksendzyk. Avtom. svar. 15 no. 9:18-21 S '62.

ZOOLOGICAL RESEARCH
(see also subdivision under Kirghizistan)

Zoological studies of A. Chamisso and J. Fr. Eschscholtz during O. von Kotzebue's voyage around the world on the "Rurik" (1815-1818). P. A. Novikov. Trudy Inst. ist. est. i tekh. 40:246-282 '62.

ZOOLOGY

Are there any unknown large animals on the earth? S. K. Klumov. Priroda 51 no 8:66-75 Ag '62.

Shalaev, V. F., and N. A. Rukov. [Zoology; textbook for the seventh grade of secondary schools] Zoologiia; uchebnik dlia 7-go klassa srednei shkoly. Izd. 6, Moskva, Gos. uchebno-pedagog. izd-vo, 1961. 231 p. (TNJ)

ZOOLOGY—VARIATION

Divergence of the trematode species Cathaemasia hians (Rudolphi, 1819) and Chaunocephalus ferox (Rudolphi, 1795) Dietz, 1909 following a change of their intermediate hosts. N. A. Feizullaev. Dokl. AN SSSR 146 no. 1:238-241 S '62.

ZOROASTRIANISM see subdivision under Khorezm Province

ZYMOSAN

Distribution of C^{14} labelled zymosan in the tissues of mice on intravenous administration. N. L. Samoilina. Probl. gemat. i perel. krovi no. 8:16-21 '62.

Monthly Index
of
Russian Accessions

Volume 15, No. 10 January 1963

THE LIBRARY OF CONGRESS
WASHINGTON : 1963

INTRODUCTORY NOTE

The MONTHLY INDEX OF RUSSIAN ACCESSIONS* is a record of the publications in the Russian language issued in and outside the Soviet Union that are currently received by the Library of Congress and a group of cooperating libraries. Whenever possible, publications printed in other languages spoken in the Soviet Union are also included.

The MONTHLY INDEX consists of three parts. Part A lists monographic literature, but no accessions published earlier than 1945 are included. To facilitate the use of this INDEX by readers who are not thoroughly familiar with the Russian language, the title in the original language in Part A is preceded by its English translation in brackets.

Part B lists Russian periodicals received, but excludes accessions printed earlier than 1947. Certain Soviet periodicals are being translated into English from cover to cover and published regularly in translation in the United States and other English-speaking countries. A list of such translated periodicals, their publishers, subscription prices, etc., is given at the end of each issue of the *Monthly Index*. In Part B such periodicals are indicated by an asterisk before the periodical title.

Part C provides subject analysis of the monographic titles listed in Part A and of the articles appearing in the periodicals enumerated in the *List of Periodicals Indexed and Abbreviations Used* at the beginning of Part C. The number and letter in parentheses following each abbreviation indicate the class and subclass in which the periodical appears in Part B. For the convenience of readers desiring to examine only monographs or periodical articles, the monographs are printed in slightly heavier type than the periodical articles. The titles of monographs are given both in the original language and in English translation, whereas titles of periodical articles are given in English translation only.

Sample title: Electric action of the brain in glaucoma. L.S.Levina, G.M.Neishtadt. Vest.oft. 30 no.5 : 8–12 S–O '51.

Explanation: An article with title given above in English translation, written by L. S. Levina and G. M. Neishtadt, will be found in the September–October 1951 issue of *Vestnik oftalmologii*, vol. 30, no. 5, pages 8–12.

A cumulative list of periodicals included in the current volume appears in number 12 of that volume. This list is arranged by subject; the symbols of American libraries other than the Library of Congress, known to have files of such periodicals, follow each title.

Except in Part C, the material is divided into 17 subject classes and is arranged alphabetically within each class. In addition, for the convenience of the reader, the serials listed in Part B are divided within each subject class into several subclasses. All entries are transliterated according to the usual Library of Congress system except that ligatures are omitted. Unless otherwise indicated, all listed items are represented in the collections of the Library of Congress. Symbols representing other libraries indicate when items are available in those libraries. Curves ( ) around a symbol indicate that at the time of receipt the material was available in another library but not in the Library of Congress.

Cumulative author, subject, and periodical location indexes to the first four volumes of the MONTHLY INDEX are available as separate publications. Beginning with Volume 5, an author
-raphs, and a periodical location index for the entire volume are furnished as
st two issues of the following volume.

ofilm or photostat copies of the listed items that are in the collections of the
may be placed with the Photoduplication Service, Library of Congress, Wash-

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overnment Printing Office, Washington 25, D. C.

copies varies; subscription price, $12.00 a year domestic, $16.00 a year foreign.
Index to Volumes 1–3, $1.50; to Volume 4, $0.60.

L. C. card, 48–46562

). 9), 1948–1957, issued under title *Monthly List of Russian Accessions.*

SYMBOLS OF LIBRARIES REPORTING RECEIPT OF PUBLICATIONS

AAP	Auburn University, Auburn, Ala.
AMAU	Air University Library, Maxwell Air Force Base, Montgomery, Ala.
AU	University of Alabama, University
AzU	University of Arizona, Tucson
C	California State Library, Sacramento
CCC	Honnold Library, Claremont, Calif.
CFS	Fresno State College, Fresno, Calif.
CL	Los Angeles Public Library
CLCM	Los Angeles County Museum Library, Los Angeles
CLL	Los Angeles County Law Library, Los Angeles
CLM	Los Angeles County Medical Association, Los Angeles
CLSU	University of Southern California, Los Angeles
CLU	University of California at Los Angeles
CMthL	University of California, Lick Observatory, Mount Hamilton
CPT	California Institute of Technology, Pasadena
CSf	San Francisco Public Library
CSfA	California Academy of Sciences, San Francisco
CSfU	University of San Francisco, San Francisco
CSmH	Henry E. Huntington Library, San Marino, Calif.
CSt	Stanford College Libraries, Stanford, Calif.
CSt-H	— The Hoover Institution on War, Revolution, and Peace
CSt-L	— Lane Medical Library
CStbS	University of California, Santa Barbara Library, Goleta
CStmoR	Rand Corporation, Santa Monica, Calif.
CU	University of California, Berkeley
CU-A	— University of California, Davis
CU-B	— Bancroft Library, Berkeley
CU-E	— East Asiatic Library, Berkeley
CU-M	— Medical Center, San Francisco
CU-Riv	— College of Arts, Letters and Science, Riverside
CU-S	— Scripps Institution of Oceanography, La Jolla
CaAEU	University of Alberta, Edmonton, Canada
CaBVa	Vancouver Public Library, Vancouver, Canada
CaBVaU	University of British Columbia, Vancouver, Canada
CaBViPA	Provincial Archives, Victoria, Canada
CaMWM	Medical Library of the University of Manitoba, Winnipeg, Canada
CaOKQ	Queen's University, Kingston, Canada
CaOL	London Public Library, London, Canada
CaOOA	Public Archives Library, Ottawa, Canada
CaOOAg	Department of Agriculture, Main Library, Ottawa, Canada
CaOLU	University of Western Ontario, London, Canada
CaOOG	Geological Survey of Canada, Ottawa, Canada
CaOOGB	Geographical Branch, Department of Mines and Technical Surveys, Ottawa, Canada
CaOOH	Laboratory of Hygiene, Ottawa, Canada
CaOON	National Research Council, Ottawa, Canada
CaOONM	National Museum, Ottawa, Canada
CaOOS	Dominion Bureau of Statistics, Ottawa, Canada
CaOOU	University of Ottawa, Ottawa, Canada
CaOTM	Library, Meteorological Branch, Air Services, Dept. of Transport, Toronto, Canada
CaOTR	Royal Canadian Institute, Toronto. (Collection included with CaOTU)
CaOTU	University of Toronto, Toronto, Canada
CaQMAI	Arctic Institute of North America, Montreal, Canada
CaQMBM	Bibliotheque Municipale, Montreal, Canada
CaQMM	McGill University, Montreal, Canada
CaQMMM	— Medical Library
CaQMU	University of Montreal, Montreal, Canada
CaSSU	University of Saskatchewan, Saskatoon, Canada
CoBBS	U. S. National Bureau of Standards, Boulder Laboratories, Colorado
CoD	Denver Public Library
CoDM	Medical Society of the City and County of Denver
CoFS	Colorado State University, Fort Collins
CoU	University of Colorado, Boulder
CtHT	Trinity College, Hartford, Conn.
CtW	Wesleyan University, Middletown, Conn.
CtY	Yale University, New Haven
CtY-L	— Law Library
CtY-M	— Medical School Library
DAIA	American Institute of Architects Library, Washington, D. C.
DAL	U. S. Army Library, Pentagon Building
DBC	U. S. Bureau of the Census Library
DBS	U. S. National Bureau of Standards Library
DC	U. S. Department of Commerce Library
DCU	Catholic University of America Library, Washington, D. C.
DDC	Dominican House of Studies, Immaculate Conception Convent Library, Washington, D. C.
DDO	Dumbarton Oaks Research Library of Harvard University, Washington, D. C.
DFR	Board of Governors of the Federal Reserve System
DI	U. S. Department of the Interior Library
DI-GS	— Geological Survey Library
DM	U. S. Bureau of Mines Library. (Library integrated with DI)
DN	U. S. Department of the Navy Library
DN-HO	— Naval Oceanographic Office Library
DN-Ob	— Naval Observatory Library
DN-RL	Naval Research Laboratory Library, Anacostia Station, Washington, D. C.
DNAL	National Agricultural Library
DNIH	National Institutes of Health Library, Bethesda, Md.
DNLM	U. S. National Library of Medicine
DNW	U. S. National War College Library, Fort McNair
DP	U. S. Patent Office Library
DS	U. S. Department of State Library
DSC	Scottish Rite Supreme Council Library
DSI	Smithsonian Institution Library, Washington, D. C.
DSI-AO	— Astrophysical Laboratory Library
DSI-E	— Bureau of American Ethnology Library
DSI-M	— National Museum Library
DWB	U. S. Weather Bureau Library
DeU	University of Delaware, Newark
FMU	University of Miami, Coral Gables, Fla.
FTaSU	Florida State University, Tallahassee
FU	University of Florida, Gainesville
GAT	Georgia Institute of Technology, Atlanta
GEU	Emory University, Atlanta
GU	University of Georgia, Athens
I	Illinois State Library, Springfield
IArg	Argonne National Laboratory, Argonne, Ill.
ICA	Art Institute of Chicago, Chicago
ICAC	American College of Surgeons Library, Chicago
ICF	Chicago Natural History Museum, Chicago
ICJ	John Crerar Library, Chicago
ICMILC	Midwest Inter-Library Center, Chicago
ICN	Newberry Library, Chicago
ICU	University of Chicago, Chicago
ICU-Y	Yerkes Observatory, Williams Bay, Wis.
ICarbS	Southern Illinois University, Carbondale
IEN	Northwestern University, Evanston, Ill.
IHi	Illinois State Historical Library, Springfield
IU	University of Illinois, Urbana
IaAS	Iowa State University of Science and Technology, Ames
IaU	State University of Iowa, Iowa City
IdNTS	National Reactor Testing Station, Technical Library, Phillips Petroleum Company, Idaho Falls, Idaho
In	Indiana State Library, Indianapolis

InIA	Indiana Academy of Science Library, Indianapolis
InLP	Purdue University, Lafayette, Ind.
InNd	University of Notre Dame, Notre Dame, Ind.
InU	Indiana University, Bloomington
KAS	St. Benedict's College, Atchison, Kan.
KMK	Kansas State University, Manhattan
KU	University of Kansas, Lawrence
KU-L	— School of Law Library
KU-M	— Medical Center Library, Kansas City
KyU	University of Kentucky, Lexington
LNHT	Howard-Tilton Memorial Library of Tulane University, New Orleans, La.
LU	Louisiana State University, Baton Rouge
MA	Amherst College, Amherst, Mass.
MB	Boston Public Library
MBAt	Boston Athenaeum, Boston
MBM	Boston Medical Library, Boston
MBN	Boston Society of Natural History, Boston
MBU	Boston University
MBdAF	U. S. Air Force Cambridge Research Center, Bedford, Mass.
MCM	Massachusetts Institute of Technology, Cambridge, Mass.
MH	Harvard University, Cambridge, Mass.
MH-A	— Arnold Arboretum, Jamaica Plain
MH-AH	— Andover-Harvard Theological Seminary Library
MH-BH	— Blue Hill Meteorological Observatory, Milton, Mass.
MH-BL	— Biological Laboratories Library
MH-C	— Chemistry Library
MH-F	— Farlow Reference Library
MH-FA	— Fogg Art Museum Library
MH-G	— Gary Herbarium Library
MH-GM	— Gordon McKay Library
MH-HY	— Harvard-Yenching Institute (Chinese-Japanese Library)
MH-L	— Law School Library
MH-M	— Schools of Medicine, Public Health and Dental Medicine, Boston
MH-Mi	— Mineralogical Library
MH-O	— Astronomical Observatory, the Phillips Library
MH-P	— Peabody Museum Library
MH-PR	— Physics Research Library
MH-SD	— Graduate School of Design Library
MH-Z	— Museum of Comparative Zoology Library
MMeT	Tufts University, Medford, Mass.
MNS	Smith College, Northampton, Mass.
MWelC	Wellesley College, Wellesley, Mass.
MWhB	Marine Biological Laboratory, Woods Hole, Mass.
MdAN	U. S. Naval Academy, Annapolis
MdBJ	Johns Hopkins University, Baltimore
MdBWA	Walters Art Gallery, Baltimore
MeB	Bowdoin College, Brunswick, Maine
MeWC	[illegible]erville, Maine
	[illegible]ry
	[illegible]ts
	[illegible]etroit
	[illegible], East Lansing
	[illegible]idland, Mich.
	[illegible]nn Arbor
	[illegible]brary
	[illegible]nce Library, St. Paul
	[illegible]linneapolis
	[illegible]Mo.
	[illegible]s City
	[illegible]ool of Mines and
	[illegible], St. Louis
MoSU	St. Louis University, St. Louis
MoSW	Washington University, St. Louis
MoU	University of Missouri, Columbia
MsSM	Mississippi State University, State College
MsU	University of Mississippi, Oxford
MtBC	Montana State College, Bozeman
MtU	Montana State University, Missoula
N	New York State Library, Albany
NB	Brooklyn Public Library
NBC	Brooklyn College, Brooklyn
NBG	Brooklyn Botanic Garden, Brooklyn
NBM	Academy of Medicine of Brooklyn Library, Brooklyn
NBSU-M	State University of New York, College of Medicine Downstate Medical Center Library, Brooklyn
NBuB	Buffalo Society of Natural Sciences, Buffalo
NCH	Hamilton College, Clinton, N. Y.
NCorniC	Corning Glass Works Library, Corning, N. Y.
NCsC	Carnegie Institution, Department of Genetics, Cold Spring Harbor, N. Y.
NIC	Cornell University, Ithaca, N. Y.
NIC-A	— State Colleges of Agriculture and Home Economics
NN	New York Public Library
NNA	American Geographical Society, New York
NNBG	New York Botanical Garden, Bronx Park, New York
NNC	Columbia University, New York
NNC-L	— Law Library
NNC-M	— Medical Library
NNC-T	— Teachers College Library
NNCC	Chemists' Club, New York
NNCoCi	College of the City of New York, New York
NNCorM	Cornell University Medical College Library, New York
NNE	Engineering Societies Library, New York
NNF	Fordham University, New York
NNIS	Library for Intercultural Studies, New York
NNJ	Jewish Theological Seminary of America, New York
NNM	American Museum of Natural History, New York
NNMM	Metropolitan Museum of Art Library, New York
NNNAM	New York Academy of Medicine, New York
NNPH-O	Institute of Ophthalmology, Presbyterian Hospital, New York
NNR	Russell Sage Foundation, College of the City of New York
NNRI	Rockefeller Institute for Medical Research, New York
NNU	New York University Libraries, New York
NNU-H	— University Heights Library
NNU-W	— Washington Square Library
NNUN	United Nations Library, New York
NPV	Vassar College, Poughkeepsie, N. Y.
NRE	Eastman Kodak Company, Rochester, N. Y.
NRU	University of Rochester, Rochester, N. Y.
NSyU	Syracuse University, Syracuse, N. Y.
NUpB	U. S. Brookhaven National Laboratory, Upton, N. Y.
NYBT	Boyce Thompson Institute for Plant Research, Yonkers, N. Y.
NbU	University of Nebraska, Lincoln
NcD	Duke University, Durham, N. C.
NcGW	Woman's College of the University of North Carolina, Greensboro
NcRS	North Carolina State College of Agriculture and Engineering, Raleigh
NcU	University of North Carolina, Chapel Hill
NdU	University of North Dakota, Grand Forks
Nh	New Hampshire State Library, Concord
NhD	Dartmouth College, Hanover, N. H.
NjI	Irvington Free Public Library, Irvington, N. J.
NjMuB	Bell Telephone Laboratories, Murray Hill, N. J.

	Newark Public Library, Newark, N. J.
	Princeton University, Princeton, N. J.
	Rutgers University, New Brunswick, N. J.
	Ohio State Library, Columbus
	Hebrew Union College, Cincinnati
loyd	Lloyd Library and Museum, Cincinnati
	University of Cincinnati, Cincinnati
	Cleveland Public Library
BHS	Benedictine High School, Cleveland
C	John Carroll University, Cleveland
	Cleveland Medical Library
IA	Cleveland Museum of Art
	Western Reserve University, Cleveland
	Battelle Memorial Institute, Columbus
	Ohio Wesleyan University, Delaware, Ohio
	Ohio State Historical Society, Columbus
	Oberlin College, Oberlin, Ohio
M	Miami University, Oxford, Ohio
	Carnegie Library, Steubenville, Ohio
	Ohio State University, Columbus
A	Chemical Abstracts, Ohio State University, Columbus
	Oklahoma State University, Stillwater
	University of Oklahoma, Norman
S	Oregon State University, Corvallis
R	Reed College, Portland, Ore
	University of Oregon, Eugene
	Pennsylvania State Library, Harrisburg
	Lehigh University, Bethlehem, Pa.
	Bryn Mawr College, Bryn Mawr, Pa
	Haverford College, Haverford, Pa.
	Franklin and Marshall College, Lancaster, Pa.
	Free Library of Philadelphia
N	Academy of Natural Sciences, Philadelphia
mP	American Philosophical Society, Philadelphia
	Philadelphia Bibliographical Center and Union Library Catalogue
	College of Physicians of Philadelphia
rop	Dropsie College for Hebrew and Cognate Learning, Philadelphia
	Franklin Institute, Philadelphia
M	Philadelphia Museum of Art
	Temple University, Philadelphia
PPWI	Wistar Institute of Anatomy and Biology, Philadelphia
PPCI	Carnegie Institute of Technology, Pittsburgh
PPU	University of Pittsburgh, Pittsburgh
PRosC	Rosemont College, Rosemont, Pa.
PSC	Swarthmore College, Swarthmore, Pa.
PSt	Pennsylvania State University, University Park
PU	University of Pennsylvania, Philadelphia
PU BZ	Botany-Zoology Library
PU EI	Moore School of Electrical Engineering Library
PU FA	School of Fine Arts Library
PU Math	Mathematics-Physics Library
PU Mu	University Museum Library
PU Penn	Penniman Library of Education
PU Sc	Towne Scientific School Library
RPB	Brown University, Providence, R. I.
RU	University of Rhode Island, Kingston
TCU	University of Chattanooga, Chattanooga, Tenn.
TNJ	Joint University Libraries (Vanderbilt University, George Peabody College for Teachers, and Scarritt College), Nashville, Tenn.
TONS	Oak Ridge Institute of Nuclear Studies, Oak Ridge, Tenn.
TU	University of Tennessee, Knoxville
TxCM	Agricultural and Mechanical College of Texas, College Station
TxDaM	Southern Methodist University, Dallas
TxHR	Rice Institute, Houston
TxLT	Texas Technological College, Lubbock
TxU	University of Texas, Austin
ULA	Utah State University of Agriculture and Applied Science, Logan
ViBlbV	Virginia Polytechnic Institute, Blacksburg
ViU	University of Virginia, Charlottesville
ViU L	Law Library
ViW	College of William and Mary, Williamsburg
VtMiM	Middlebury College, Middlebury, Vt.
VtU	University of Vermont and State Agricultural College, Burlington
WHi	State Historical Society of Wisconsin, Madison
WU	University of Wisconsin, Madison
Wau	University of Washington, Seattle
WvU	West Virginia University, Morgantown

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1. GENERAL

BOL'SHAIA SOVETSKAIA ENTSIKLOPEDIIA. [The 1962 yearbook of the Great Soviet Encyclopedia] Ezhegodnik, 1962. Red. kollegiia A. A. Arzumanian i dr. Glav. red. L. S. Shaumian. [Moskva] Gos. nauchn. izd-vo "Sovetskaia entsiklopediia" [1962] 623 p

2. BIBLIOGRAPHY

[BEST BOOKS OF 1959] Luchshie knigi 1959 goda Moskva, Iskusstvo, 1962. 115 p.

BOROZINA, A. M., and others, comps. [English-Russian dictionary of printing terms] Anglo-russkii poligraficheskii slovar'. Pod obshchei red. A. A. Tiurina. Moskva, Glav. red. inostr. nauchno-tekhn. slovarei Fizmatgiza, 1962. 450 p.

[CATALOG OF LITERATURE: Literature, art, music] Grozine literatura, katalogas: Literatura, Daile. Muzika, 1940-1960. Vilnius, Valstybine grozines literaturos leidykla, 1961. 470 p. [In Lithuanian]

[CHRONICLE OF PERIODICAL PUBLICATIONS OF THE U. S. S. R., 1955-1960] Letopis' periodicheskikh izdanii SSSR, 1955-1960 gg.; organ gosudarstvennoi bibliografii SSSR v dvukh chastiakh. Moskva, Izd-vo Vses. knizhnoi palaty.
Pt. 2. [Newspapers] Gazety. 1962. 870 p.

KHAVKINA, L. B. [Three-place author tables coordinated and combined with two-place tables. With a supplement of two-place tables for foreign languages] Trekhznachnye avtorskie tablitsy, soglasovannye i soedinennye s dvuznachnymi. S prilozheniem dvuznachnykh tablits dlia inostrannykh iazykov. 5., dop. izd. Pod red. Iu. V. Grigor'eva. Moskva, Izd-vo Vses. knizhnoi palaty, 1961. 180 p.
(NNC)

KRASNOYARSK. KRAEVAIA BIBLIOTEKA. [What to read on Krasnoyarsk Territory; recommended bibliography] Chto chitat' o Krasnoiarskom krae; rekomendatel'nyi ukazatel' literatury. [Krasnoiarsk] Krasnoiarskoe knizhnoe izd-vo, 1961. 125 p
(SI-H)

MEZHDUNARODNAIA KNIGA. [State Publishing House of the Estonian S. S. R.; books in the Estonian language] Eesti NSV Riiklik Kirjastus; eestikeelsed raamatud. Moskva, 1957. 75 p. (Sovetskie knigi (novinki). Katalog dlia zainvok, no. 10la) [Text in Estonian and Russian]

MOSCOW. PUBLICHNAIA BIBLIOTEKA. [Cumulative index of bibliographic lists and card files compiled by Soviet Union libraries in 1961; humanities, belles lettres, art] Svodnyi ukazatel' bibliograficheskikh spiskov i kartochek, sostavlennykh bibliotekami Sovetskogo Soiuza v 1961 godu; obshchestvennye nauki, khudozhestvennaia literatura, iskusstvo. Moskva, 1962. 87 p.

MOSCOW. PUBLICHNAIA BIBLIOTEKA. [Library and bibliographical classification; classification tables for research libraries] Bibliotechno-bibliograficheskaia klassifikatsiia; tablitsy dlia nauchnykh bibliotek. Moskva.
No. 3. [B. Natural sciences in general. V. Physical and mathematical sciences] B. Estestvennye nauki v tselom. V. Fiziko-matematicheskie nauki. 1962. 174 p.

MOSCOW. PUBLICHNAIA BIBLIOTEKA. Voennyi otdel. [Standard catalog for regiment and ship libraries] Tipovoi katalog polkovoi i korabel'noi biblioteki. Moskva.
Vol. 1. 1959.
(NNC)

ROGOV, A. I. [Information on the smaller collections of Slavic-Russian manuscripts in the U. S. S. R.] Svedeniia o nebol'shikh sobraniiakh slaviano-russkikh rukopisei v SSSR. Moskva, Izd-vo Akad. nauk SSSR, 1962. 298 p.

SOIUZKNIGA, VSESOIUZNOE OB"EDINENIE KNIZHNOI TORGOVLI. [Catalog of books available at the "Soiuzkniga" wholesale warehouses] Katalog knig, imeiushchikhsia na optovykh bazakh 'Soiuzknigi." Moskva.
No. 2. [Sociopolitical and socioeconomic literature] Obshchestvenno-politicheskaia i sotsial'no-ekonomicheskaia literatura. 1962. 286 p.

TASHKENT. GOSUDARSTVENNAIA PUBLICHNAIA BIBLIOTEKA. [Uzbekistan, 1959, a bibliography] Uzbekistan, 1959 g.; bibliograficheskii ukazatel' literatury. Tashkent, Gos. izd-vo Uzbekskoi SSR, 1961. 623 p.

TEPLOV, D. IU. [Bibliography of abstracting services; a lecture in the "General Bibliography" course for students studying by correspondence] Referativnaia bibliografiia; lektsiia po kursu "Obshchaia bibliografiia" dlia studentov zaochnogo otdeleniia. Leningrad, Leningr. gos. bibliotechnyi in-t im. N. K. Krupskoi, 1960. 28 p

VIALIKOV, V. I. [Central State Military and Historical Archives of the U. S. S. R. Central State Archives of Ancient Documents of the U. S. S. R.] TSentral'nyi gosudarstvennyi voenno-istoricheskii arkhiv SSSR. TSentral'nyi gosudarstvennyi arkhiv drevnikh aktov SSSR; uchebnoe posobie [by] G. A. Dremina, Z. V. Kraiskaia, IU. F. Kononov. Moskva, Mosk. gos. istoriko-arkhivnyi in-t M-va vysshego i srednego spetsial'nogo obrazovaniia, 1960. 109 p.
(MH)

[WHAT TO READ ON IRKUTSK PROVINCE, list of literature] Chto chitat' ob Irkutskoi oblasti; ukazatel' literatury. [Irkutsk] Irkutskoe knizhnoe izd-vo, 1958. 51 p.
[PHOTOCOPY]

3. PHILOSOPHY & RELIGION

AKADEMIIA NAUK SSSR. Institut filosofii. [Dialectic and logic; the forms of thinking] Dialektika i logika; formy myshlenila. Moskva, Izd-vo Akad. nauk SSSR, 1962. 311 p.

AKADEMIIA NAUK SSSR. Institut filosofii. [Fundamentals of scientific atheism; manual] Osnovy nauchnogo ateizma; uchebnoe posobie. 2., perer. izd. Redkollegiia: I. P. TSamerian i dr. Moskva, Gospolitizdat, 1962. 398 p.

AKADEMIIA NAUK SSSR. Institut istorii. [Criticism of the Jewish religion] Kritika iudeiskoi religii. Moskva, Izd-vo Akad. nauk SSSR, 1962. 434 p.

ASTAKHOV, I. B. [Discussion on the beautiful] Razgovor o prekrasnom. Moskva, Izd-vo "Znanie," 1962. 31 p. (Novoe v zhizni, nauke, tekhnike. VI Seriia: Literatura i iskusstvo, no. 18)

[ATHEISM OF THE UKRAINIAN REVOLUTIONARY DEMOCRATS] Ateizm ukrains'kykh revoliutsiinykh demokrativ. Kyiv, Derzh. vyd-vo polit. lit-ry URSR, 1961. 238 p.
(NNC)

BARAN, STEPAN. [Metropolitan Andrii Sheptyts'kyi; life and work] Mytropolyt Andrei Sheptyts'kyi; zhyttia i diial'nist'. Munich, Vernyhora, 1947. 151 p. illus
(IU)

BASKIN, M. P. [Crisis of bourgeois consciousness, the bankruptcy of individualism] Krizis burzhuaznogo soznaniia; individualizm i ego krakh. Moskva, Izd-vo Akad. nauk SSSR, 1962. 302 p.

CHERNOV, A. Z. [Religious sects of Tomsk Province] O religioznykh sektakh Tomskoi oblasti [Tomsk] Tomskoe knizhnoe izd-vo, 1960. 55 p. illus
(MH)

FEDOROV, N. I. [At the threshold of the church, reflections of a freethinking intellectual] U tserkovnoi ogrady; razmyshleniia svobodomysliashchego intelligenta. Buenos-Aires, 1955. 60 p.
(MH)

HOLBACH, PAUL HENRY THIRY. [Gallery of saints (or a study of the way of thinking, conduct, rules and merits of those whom Christianity proposes as examples)] Galereia sviatykh (ili issledovanie obraza myslei, povedeniia, pravil i zaslug tekh lits, kotorykh khristianstvo predlagaet v kachestve obraztsov) Moskva, Gospolitizdat, 1962. 351 p.

HOLOVAKHA, I. P. [Historical materialism is the science of the laws of social development] Istorychnyi materializm - nauka pro zakony suspil'noho rozvytku. Kyiv, Vyd-vo Akad. nauk URSR, 1959. 71 p.
(NNC)

IANDUSHKIN, K. N. [Chemical experiments used in scientific atheistic propaganda] Naukalla ateizm propagandinchi khimi opychesem. Shupashkar, Chuvashgosizdat, 1960. 30 p. (Ateizm biblioteki) [In Chuvash]

IUROVA, I. L. [Dialectical materialism and individual sciences; lecture] Dialekticheskii materializm i chastnye nauki; lektsiia [Moskva] Izd-vo Mosk. univ., 1962. 32 p.

KARLIUK, A. S. [Essays on scientific atheism] Ocherki po nauchnomu ateizmu. Minsk, Izd-vo Akad. nauk Belorusskoi SSR, 1961. 584 p.
(CSt-H) (MH)

KAZHDAN, A. P. [Origin of Christianity and its nature] Proiskhozhdenie khristianstva i ego sushchnost', Moskva, Gos. izd-vo "Vysshaia shkola," 1962. 78 p. (V pomoshch studentu istoriku)

KHAITUN, D. E. [Origin of the belief in God] Ba khudo e"tikod kardan chitavr ba uychud omadanst? Stalinobod, Cham"lisi pakhkunandai donishkii sieti va ilmii RSS Tochikiston, 1961. 17 p. [In Tajik]

KOGAN, IU. IA. [Studies on the history of Russian atheistic ideas in the 18th century] Ocherki po istorii russkoi ateisticheskoi mysli XVIII v. Moskva, Izd-vo Akad. nauk SSSR, 1962. 343 p.

KONONENKO, E. V. [Man to man...] Chelovek - cheloveku..., Moskva, Gospolitizdat, 1962. 61 p. (Moral'nyi kodeks stroitelia kommunizma)

KORIUN, Bp. fl. 445-461. [Life of Mashtots] Zhitie Mashtotsa. Erevan, Armianskoe gos. izd-vo, 1962] 176 p. [In Armenian]

KOSHEVOI, K. K. [Reasoning and suggestion and Pavlov's theory of conditioned reflexes] Suzhdenie i predlozhenie i pavlovskoe uchenie ob uslovnykh refleksakh. Perm', Permskoe knizhnoe izd-vo, 1959. 101 p.
(NNC)

LATVIAN S. S. R. Valsts centralais archivs. [Religious sectarianism in Latvia, 1920-1940; collected documents] Religiskais sektantisms, Latvija 1920-1940; dokumentu krajums. Riga, Latvijas Valsts Izdevnieciba, 1962. 190 p. [In Latvian]

LENIN, V.I. [Communist morals] O kommunisticheskoi nravstvennosti. Moskva, Gos. izd-vo polit. lit-ry, 1961. 293 p.
(MdBJ)

LOBOVYK, B., and R.PRYKHOD'KO, comps. [CPSU and the Soviet state on religion and atheistic propaganda] KPRS i Radians'ka derzhava pro religiiu ta ateistychnu propahandu; zbirnyk dokumentiv i materialiv. Kyiv, Derzh. vyd-vo polit. lit-ry URSR, 1962. 193 p.

MARTIROSOV, G.A [Religious sects; lectures on the course "Fundamentals of scientific atheism."] Religioznoe sektantstvo; lektsii po kursu "Osnovy nauchnogo ateizma." Minsk, Izd-vo Belgosuniversiteta, 1961. 60 p.
(CSt-H) (MH) (RPB)

MAZEPA, V.I. [V.I. Lenin's contribution to Marxist aesthetics, 1907-1910] Rozvytok V.I. Leninym marksysts'koi estetyky, 1907-1910 rr. Kyiv, Vyd-vo Akad. nauk URSR, 1962. 132 p.

MOSCOW. AKADEMIIA OBSHCHESTVENNYKH NAUK. [Course outline on the fundamentals of philosophical knowledge for groups within the system of party education] Programa vyvchennia osnov filosofs'kykh znan' dlia hurtkiv systemy partiinoi osvity. Kyiv, Derzhpolitvydav URSR, 1962. 17 p.

MOSCOW. AKADEMIIA OBSHCHESTVENNYKH NAUK. [Popular course outline on scientific atheism for groups and seminars within the network of party education; 40 hours] Programma populiarnoho kursu z pytan' naukovoho ateizmu dlia hurtkiv i seminariv sitky partiinoi osvity, 40 hodyn. Kyiv, Derzhpolitvydav URSR, 1962. 7 p.

MOSCOW. AKADEMIIA OBSHCHESTVENNYKH NAUK. [Problems of Marxist-Leninist ethics] Voprosy marksistsko-leninskoi etiki. Moskva, Izd-vo VPSh i AON, 1962. 102 p.

ORLOV, G.M. [Traditions of church and community] Traditsiia tserkovnaia i obshchestvennaia. Buenos Aires, 1957. 83 p.
(MH)

PAPERNYI, Z.S. [The artistic image] O khudozhestvennom obraze. Moskva, Gos. izd-vo polit. lit-ry, 1961. 70 p. (Populiarnaia biblioteka po estetike)
(NjP)

[PEOPLE WITHOUT REMORSE] Cilveki bez sirdspzinas. Riga, Komiteja repatriacijas sekmesanai un kulturas sakariem ar tautiesiem arzemes, Latvijas nodala, 1961. 62 p. [In Latvian]

RIAZANTSEV, N.I. [Does a man have a fate?] Est' li u cheloveka sud'ba? Moskva, Voen. izd-vo M-va oborony SSSR, 1961. 81 p. (Nauchno-populiarnaia biblioteka)

RUSSIA (1923- U.S.S.R.) Upravlenie prepodavaniia obshchestvennykh nauk. [Outline for the course "Fundamentals of Marxist-Leninist ethics" for institutions of higher learning (32 hours)] Programma kursa "Osnovy marksistsko-leninskoi etiki" dlia vyshikh uchebnykh zavedenii (32 chasa). Izd. 3., ispr. i dop. Moskva, Gospolitizdat, 1962. 19 p.

[TRUTH TO ONE'S FACE] Pravdu - v glaza. Moskva, Gospolitizdat, 1961. 61 p. (Vremia i liudi. Iz serii o kommunisticheskoi morali)

TSERETELI, SAVLE [Dialectic nature of logical connections. O dialekticheskoi prirode logicheskoi sviazi. Tbilisi, Gosizdat Gruzinskoi SSR] 1956. 024 p. [In Georgian with Russian summary]
(MH)

UEMOV, A.I. [Problems and exercises on logic] Zadachi i uprazhneniia po logike. Moskva, Vysshaia shkola, 1961. 350 p. illus
(WU)

VODZINS'KYI, D.I. [Aesthetic training of students in extracurricular work] Estetychne vykhovannia uchniv u pozaklasnii roboti. Kyiv, Radians'ka shkola, 1962. 57 p.

VOITKO, V.I. [Scientific and religious philosophy; lecture on the course "Fundamentals of scientific atheism."] Nauchnoe i religioznoe mirovozzrenie; lektsiia po kursu "Osnovy nauchnogo ateizma." Kiev [Izd-vo Kievskogo polit. univ.] 1960. 51 p.
(RPB)

ZHURAVLEV, L.A. [Neopositivism in the service of religion] Neopozitivizm na sluzhbe religii; posobie dlia studentov filosofskikh fakul'tetov gosudarstvennykh universitetov. [Moskva] Izd-vo Mosk. univ. 1962. 55 p.

4. HISTORY

ABAKAN, KHAKASSKII NAUCHNO-ISSLEDOVATEL'SKII INSTITUT IAZYKA, LITERATURY I ISTORII. [Struggle for the Soviet government in Khakassia, 1917-1923] Bor'ba za vlast' Sovetov v Khakasii, 1917-1923 gg. Abakan, Khakasskoe knizhnoe izd-vo, 1961. 155 p.
(MH)

AKADEMIIA NAUK KIRGIZSKOI SSR, Frunze. Institut istorii. Istoricheskii muzei. [Handbook and guide] Spravochnik-putevoditel'. Frunze, 1960. 170 p. illus.
(MH)

AKADEMIIA NAUK SSSR. Institut istorii. [History of the Great October Socialist Revolution] Istoriia Velikoi Oktiabr'skoi sotsialisticheskoi revoliutsii. Moskva, Izd-vo Akad. nauk SSSR, 1962. 523 p.

AKADEMIIA NAUK SSSR. Institut istorii. [The year 1812; the 150th anniversary of the Patriotic War] 1812 god; k stopiatidesiatiletiiu Otechestvennoi voiny. Sbornik statei. Moskva, Izd-vo Akad. nauk SSSR, 1962. 318 p.

AKADEMIIA NAUK SSSR. Otdelenie istoricheskikh nauk [Historiography of the building of socialism and communism in the U.S.S.R.; collected articles based on the papers delivered at the session of the Scientific Council on the History of Socialism and Communism in the U.S.S.R.] Istoriografiia sotsialisticheskogo i kommunisticheskogo stroitel'stva v SSSR; sbornik statei po materialam sessii nauchnogo soveta. Moskva, Izd-vo Akad. nauk SSSR, 1962. 275 p.

ANANOVA, E.V. [Recent history of the U.S.A., 1918-1939] Noveishaia istoriia SShA, 1919-1939 gody. Moskva, Izd-vo In-ta mezhdunarodnykh otnoshenii, 1962. 302 p.

ARTILAKVA, ALEKSANDRA. [Peasant uprising of 1918 in Dusheti] [Krest'ianskoe vosstanie Dusheti v 1918 g. Tbilisi, Sabchota Sakartvelo] 1960. 100 p. [In Georgian]
(MH)

ASHKHABAD. INSTITUT ISTORII PARTII. [Letters to V.I. Lenin from Turkmenistan workers; collected source materials] Trudiashchiesia Turkmenistana V.I. Leninu; sbornik dokumentov. Pod red. O.O. Shikhmuradova i A.V. Golovkina. Ashkhabad, Turkmengosizdat, 1960. 47 p.

AVERKIEVA, IU.P. [Disintegration of the tribal community and the formation of early class relations in Indian society of the northwestern coast of North America] Razlozhenie rodovoi obshchiny i formirovanie ranneklassovykh otnoshenii v obshchestve indeitsev severo-zapadnogo poberezh'ia Severnoi Ameriki. Moskva, Izd-vo Akad. nauk SSSR, 1961. 1 v.
(PU-Mus)

AZADAEV, FATTAKH [Studies on the history of Tashkent; social, economic, and political history of the city in the second half of the 19th century] Ocherki iz istorii Tashkenta; sotsial'no-ekonomicheskaia i politicheskaia istoriia goroda vo vtoroi polovine XIX veka Tashkent, Izd-vo Akad. nauk Uzbekskoi SSR, 1960 263 p [In Uzbek]

BABICHUK, R.V. [October Revolution and the development of Ukrainian Soviet culture] Zhovtneva revoliutsiia i rozvytok ukrains'koi radians'koi kul'tury. Kyiv, 1957. 34 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR. Serija I, no.21)
(NNC)

BABKIN, V.I. [Home Guard in the Patriotic War of 1812] Narodnoe opolchenie v Otechestvennoi voine 1812 goda. Moskva, Sotsekgiz, 1962. 211 p.

BARG, M.A. [Studies on the history of English feudalism from the 11th to the 13th century] Issledovaniia po istorii angliiskogo feodalizma v XI-XIII vv. Moskva, Izd-vo Akad. nauk SSSR, 1962. 377 p.

["THE BELL"; published by A.I. Hertzen and N.P. Ogarev (the Free Russian Press) in 1857, London - Geneva] Kolokol, gazeta A.I. Gertsena i N.P. Ogareva. (Vol'naia Russkaia Tipografiia), 1857-1867 London—Zheneva. Faksimil'noe izdanie. Moskva, Izd-vo Akad. nauk SSSR.
No. 4. 1861 London. 1962. 980 p.

BESKROVNYI, L.G. [The Patriotic War of 1812] Otechestvennaia voina 1812 goda. Moskva, Sotsekgiz, 1962. 610 p.

BONDAREVSKII, G.L [Relations between Russia and Egypt at the end of the 19th century; according to archival data] Russko-egipetskie otnoshenila v konse XIX veka; po arkhivnym dannym. Moskva, Izd-vo vostochnoi lit-ry, 1960 12 p
(RPB)

BORISOV, B.A. [Citizens of Sevastopol shall not surrender] Sevastopol'tsy ne sdaiutsia. [Izd. 2., perer. i dop.] Simferopol', Krymizdat, 1961. 188 p.
(MH)

BORODINO GOSUDARSTVENNYI BORODINSKII VOENNO-ISTORICHESKII MUZEI-ZAPOVEDNIK. [A guidebook to the Borodino Museum] Borodinskii muzei; putevoditel'. Moskva, Izd-vo "Sovetskaia Rossiia," 1962. 78 p. illus.

BULOCHNIKOV, M.G [Memoirs of a participant in three revolutions] Zapiski uchastnika trekh revoliutsii. Cheboksary, Chuvashskoe gos. izd-vo, 1961. 177 p.

CHELYABINSK. Oblastnoi kraevedcheskii muzei. Soldiers of a great land; collected reminiscences of soldiers from the Southern Urals who participated in the Great Patriotic War, 1941-1945] Soldaty velikoi zemli; sbornik vospominanii iuzhnouraltsev, uchastnikov Velikoi Otechestvennoi voiny, 1941-1945 gg. [Chelyabinsk] Chelyabinskoe knizhnoe izd-vo, 1961. 93 p.
(MH)

CHICHERIN, G.V. [Articles and speeches on international politics] Stat'i i rechi po voprosam mezhdunarodnoi politiki. Moskva, Sotsekgiz, 1961. 515 p. (Biblioteka vneshnei politiki)
(MH)

[CHRONICLE OF INTERNATIONAL EVENTS IN 1961] Khronika mezhdunarodnykh sobytii 1961 god. Moskva, Izd-vo IMO, 1962. 334 p.

CHULOK, I.S. [Military activity of Bolsheviks in Batum during the years of the first Russian revolution] Voenno-boevaia deiatel'nost' bol'shevikov v Batumi v gody pervoi russkoi revoliutsii. Batum, Gosizdat, 1960. 246 p. illus.
(MH)

COSMAS of Prague. [Czech chronicle] Cheshskaia khronika. Vstup. stat'ia, perevod i kommentarii G.E. Sanchuka. Moskva, Izd-vo Akad. nauk SSSR, 1962. 295 p. (Pamiatniki srednevekovoi istorii narodov TSentral'noi i Vostochnoi Evropy)

D'IAKONOV, M.M. [Outline of the ancient history of Iran] Ocherk istorii drevnego Irana. Moskva, Izd-vo vostochnoi lit-ry, 1961. 443 p.

DZHAPARIDZE, OTAR. [History of Georgian tribes at an early stage of the brass and bronze culture. K istorii gruzinskikh plemen na rannei stadii medno-bronzovoi kul'tury. Tbilisi, Izd-vo Tbilisskogo gos. univ.] 1961. 286 p. [In Georgian with summaries in Russian and English]
(MH)

ERSLAVAITE, G., comp. [We won't forget, the crimes of the bourgeois nationalists in Mazeikiai District during the Hitlerite occupation] Neuzmirsime; apie burzuazinių nacionalistų nusikaltimus hitlerines okupacijos metais Mazeikių apskrityje. Naudotasi Lietuvos TSR Mokslu Akademijos dokumentams skelbti redakcijos konsultacijomis. [Vilnius] Valstybine politines ir mokslines literatūros leidykla [1960] 109 p. (Faktai kaltina) [In Lithuanian]

[FORMATION OF SOCIALIST NATIONS IN THE U.S.S.R.] Formirovanie sotsialisticheskikh natsii v SSSR; [sbornik statei]. Moskva, Gospolitizdat, 1962. 637 p.

GASENKO, I.D. Miron Andreevich Konobeshko, [Smolensk] Smolenskoe knizhnoe izd-vo, 1961. 34 p. (Smolliane - geroi Sovetskogo Soiuza)
(MH)

GAVRILIN, V.M. [Soldiers of the island of freedom] Soldaty ostrova svobody. Moskva, Voenizdat, 1962. 134 p.

GERTS, IA.SH., and S.M.SHVARTS. [The Zubatov movement in Minsk] Zubatovshchina v Minske. New York, 1962. 20 p.

GETSLER, I.M., comp. [Articles dedicated to IU.O. Martov] Stat'i, posviashchennye IU.O.Martovu New York, Interuniversity Project on the History of the Menshevik movement, 1961. 55 p.
(MH) (NNC)

GONCHARENKO, N.G. [October in the Donets Basin] Oktiabr' v Donbasse [Khar'kov] Luganskoe obl. izd-vo, 1961. 270 p.
(CSt-H)

GORODETSKII, N.D., and M.I.KHROMOVA. [V.I. Lenin House Museum in Shushenskoye; album and guidebook] Dom-muzei V.I. Lenina v Shushenskom; [al'bom-putevoditel']. Moskva, Sovetskaia Rossiia, 1960. 62 p.
(MH)

GRIF, A.IA., and GUBAREV, S.P., comps. [A friendship born in battles] Druzhba, rozhdennaia v boiakh. Moskva, Izd-vo DOSAAF, 1962 103 p. illus.

GUBAREV, G.V. [Book about Cossacks; materials on the history of the Cossacks in ancient times] Kniga o kazakakh; materialy po istorii kazach'ei drevnosti. Paris, Izd-vo red. gazety "Kazak," 1959-
Pt. 6.
(NNC)

GUDZENKO, S.P. [Army notebook] Armeiskie zapisnye knizhki. Moskva, Sovetskii pisatel', 1962. 113 p.

GUREVICH, F.D. [Antiquities of the White Russian part of the Neman Valley] Drevnosti Belorusskogo Poneman'ia. Moskva, Izd-vo Akad. nauk SSSR, 1962. 219 p.

[HEROES OF THE GUARDS] Geroi gvardii; sbornik. [Red. A.N.Sarkisian] Erevan, Gos. izd-vo Armenii, 1961. 170 p.
(NNC)

HOLOVAKHA, I.P. [Socialist revolution and the dictatorship of the proletariat] Sotsialistychna revoliutsiia i dyktatura proletariatu. Kyiv, Akad. nauk URSR, 1957. 68 p.
(NNC)

IL'INYKH, I.A. [Six-hundred days in battles and campaigns] Shest'sot dnei v boiakh i pokhodakh. [Briansk] Brianskii rabochii, 1960. 258 p.
(MH)

IL'UKHOV, N.K., and I.P.SAMUSENKO. [Guerrilla movement in the Maritime region, 1918-1922] Partizanskoe dvizhenie v Primor'e, 1918-1922. Moskva, Voenizdat, 1962. 277 p.

IRKUTSK, OBLASTNAIA BIBLIOTEKA. [Three hundredth anniversary of Irkutsk; short bibliographic guide] Irkutsku 300 let; kratkii rekomendatel'nyi ukazatel' literatury. Irkutsk, 1961. 20 p.
(MH)

IVANITSKII, M.N. [The road to independence; from the history of the solution of the problem of the former Italian colonies, 1945-1950] Put' k nezavisimosti; iz istorii resheniia voprosa o sud'be byvshikh ital'ianskikh kolonii, 1945-1950 Kiev, Izd-vo Akad. nauk USSR, 1962. 134 p

KALASHNIKOV, V.N. [Soldier of Lenin's army] Soldat armii Lenina. [Kaluga] Kaluzhskoe knizhnoe izd-vo, 1961. 61 p. (Bortsy za vlast' Sovetov)
(MH)

KAPSUKAS, VINCAS. [Writings] Rastai. Vilnius, Valstybine grozines literatūros leidykla. [In Lithuanian]
Vol.1. 1900-1905. 1960. 536 p.

KARPOVA, R.F. [L.B.Krasin, a Soviet diplomat] L.B. Krasin; sovetskii diplomat. Moskva, Sotsekgiz, 1962. 204 p. (Vydaiushchiesia diplomaty)

KASHIN, N.N. [Russia's past] Russkaia byl'. Los Angeles [Publ. by Georg Kachin]
Vol. I. 1961.
(MH)

KAZANIN, M.I. [Notes of a secretary of a mission; from the early history of Soviet diplomacy] Zapiski sekretaria missii, stranichka istorii pervykh let sovetskoi diplomatii. Moskva, Izd-vo vostochnoi lit-ry, 1962. 157 p.

KHREN, Z.A. [Reporting from four wars] Reportazh s chetyrekh voin. Moskva, Voenizdat, 1962. 208 p.

KHMIL, I.S. [With the banner of peace through the flames of war; the diplomatic work of the Ukrainian S.S.R from 1917 to 1920] Z praporom myru kriz' polum'ia viiny; dyplomatychna dial'nist' Ukrains'koi RSR, 1917-1920. Kyiv, Vyd-vo Akad. nauk RSR, 1962. 354 p.
(CSt-H)

KHRUSHCHEV, N.S [Speech at the solemn meeting in Erevan, dedicated to the fortieth anniversary of the Soviet government and the creation of the Communist Party of Armenia, May 6, 1961] Rech' na torzhestvennom zasedanii v gorode Erevane, posviashchennom 40-letiiu ustanovleniia Sovetskoi vlasti i sozdaniia Kommunisticheskoi partii Armenii, 6 maia 1961 goda Erevan, Armianskoe gos. izd-vo, 1961. 34 p.
(CSt-H) (MH)

KHUDIAK, M.M. [History of Nymphaeum from the sixth to the third century B.C.] Iz istorii Nimfeia VI-VIII vekov do n.e. Leningrad, Izd-vo Gos. Ermitazha, 1962. 63 p. illus.

[KIEV, A HEROIC CITY; collected materials concerning the heroism of its people during the Great Patriotic War] Kyiv - herot, zbirnyk materialiv pro podvyh kyian u Velykii Vitchyznianii vijni [Kyiv] Kyivs'ke obl. knyshkovo-gazetne vyd-vo, 1961. 422 p.

[THE KIEV GOVERNMENT DURING THE CIVIL WAR AND THE FOREIGN ARMED INTERVENTION, 1918-1920; collected documents and source materials] Kievshchina v gody grazhdanskoi voiny i inostrannoi voennoi interventsii, 1918-1920 gg.; sbornik dokumentov i materialov. Kiev, Gospolitizdat, USSR, 1962. 535 p.

KIROVA, K.E. [The revolutionary movement in Italy, 1914-1917] Revoliutsionnoe dvizhenie v Italii, 1914-1917 gg. [Moskva] Izd-vo Akad. nauk SSSR, [1962] 430 p.

KOLTORAKOV, K.A. [Stormy days; literary notes by Mikhail Kuz'kin] Grozovye dni; literaturnaia zapis' Mikhaila Kuz'kina. Abakan, Khakasskoe knizhnoe izd-vo, 1961. 57 p.
(MH)

KOL'TSOV, P.S. [The last clash with the Entente] Poslednaia skhvatka s Antantoi. Moskva, Gospolitizdat, 1962. 78 p. (Stranitsy istorii Sovetskoi Rodiny)

KOSBERGENOV, R.K. [Situation of the Kara-Kalpaks in the Khiva Khanate in the late 19th and early 20th centuries] XIX asirding akhyry XX asirding basynda khiua khanlygyndagy Karakalpaklardyng aukhaly, 1873-1917. Nokis, Karakalpak mamleket baspasy, 1960. 103 p. [In Kara-Kalpak]

KOZLOV, I.A. [In the Crimean underground] V krymskom podpol'e. Moskva, Sovetskii pisatel', 1962, 367 p.
(IEN)

KURGANOV, G.S., and P.M.KURENNOV [Secrets of the Russian revolution and the future of Russia; secrets of world politics] Tainy russkoi revoliutsii i budushchee Rossii; tainy mirovoi politiki VRES [Inglewood, Calif., Health for All Book Co.] 1959. 276 p. illus.
(MH)

KURTIKIAN, S.M. [Times and people. Vremena i liudi. Erevan, Armianskoe gos. izd-vo Aipetrat] 1962. 277 p. [In Armenian]

LABRIOLA, ANTONIO. [Essays on the materialistic concept of history] Ocherki materialisticheskogo ponimaniia istorii. Moskva, Gos. izd-vo polit. lit-ry, 1960. 198 p. (Biblioteka po nauchnomu sotsializmu, no. 25)
(NNC)

LAHODOVS'KA, O.F., O.H.SHAPOSHNYKOVA, and M.L.MAKAREVYCH. [The Mikhaylovka settlement] Mykhailivs'ke poselennia. Kyiv, Vyd-vo Akad. nauk URSR, 1962. 245 p.

LARINA, A.N., ed. [Altai in the period of the reconstruction of the national economy, 1921-1925, historical study] Altai v period vosstanovleniia narodnogo khoziaistva, 1921-1925 gg., istoricheskii ocherk. Barnaul, Altaiskoe knizhnoe izd-vo, 1961. 330 p. illus.
(NNC)

LAUL, ENDEL. [From the history of the Estonian workers' press from its inception to the October Revolution] Eesti tootlsajakirjanduse ajaloost; rajamisest kuni Oktoobripaevadeni. Tallinn, Eesti Riiklik Kirjastus, 1962. 318 p. [In Estonian]

LENIN, V.I. [Complete works] Polnoe sobranie sochinenii. Izd.5. Moskva, Gospolitizdat,
Vol. 33. [The State and the revolution] Gosudarstvo i revoliutsiia. 1962. 433 p.

LENIN, V.I. [Complete works] Polnoe sobranie sochinenii. Izd.5. Moskva, Gospolitizdat,
Vol. 34. [July-October 1917] Iiul'-oktiabr' 1917. 1962. 504 p.

LEPKYI, BOHDAN. [Daughter of a sotnik; historical sketch from the time of Ivan Vyhovs'kyi] Sotnykivna; istorychna kartyna z chasiv Ivana Vyhovs'koho. New York, Hoverlia, 1957. 171 p.
(OCl)

LEVIN, S.E. [Lessons for the elementary course in the history of the U.S.S.R. in the 7th grade; the 18th and 19th centuries] Uroki po elementarnomu kursu istorii SSSR v 7-m klasse, XVIII-XIX vv, kratkoe metodicheskoe posobie. Moskva, Uchpedgiz, 1962. 151 p.

LEVITAS, I.G., M.A.MOSKALEV, and E.M.FINGERIT. [Revolutionary underground press in Russia from 1860 to 1917] Revoliutsionnye podpol'nye tipografii v Rossii, 1860-1917 gg. Moskva, Gospolitizdat, 1962. 372 p.

LIASHENKO, V.E. [Punitive city] Karaiushchii gorod. [Moskva] Molodaia gvardiia, 1961. 70 p.
(MH)

LIDACE, E. [The unbending; life of revolutionist Augustus Berce] Luzt, bet neliekties..., revolucionara Augusta Berces dzives stasts. Riga, Latvijas Valsts izdevnieciba, 1961. 168 p. [In Latvian]

LITVINSKII, B.A., and others [History of the Tajik S.S.R.] Ta"rikhi RSS Tochikiston; ilova ba kitobi darsii "Ta"rikhi SSSR" baroi sinfhoi 8-10. Stalinobod, Nashrieti davlatii ndahieti ta'limi-pedagogii RSS Tochikiston, 1961 212 p. [In Tajik]

LIUSTERNIK, E.IA. [Indian city of Cambay from the 15th to the 20th century] Indiiskii gorod Kambei v XV-XX vekakh. [Leningrad] Izd-vo Leningr. univ., 1962. 51 p.

LUKNITSKII, P.N. [On the shores of the Neva] Na beregakh Nevy. Moskva, Voenizdat, 1961. 282 p.
(MH)

MAISKII, I.M. [My Spanish notebook] Ispanskie tetradi. Moskva, Voenizdat, 1962. 195 p. (Voennye memuary)

MARAKHOV, N.I. [Andrii Krasova'kyi, fighter against slavery and autocracy,] Andrii Krasova'kyi, borats' proty kriposnytstva i samoderzhavstva. Kyiv, Derzhpolitvydav, 1961. 73 p.
(MH)

MARTIROSIAN, LIZA. [Heroism of Armenian women in the front lines of the Great Patriotic War 1941 1945] Podvig armianskikh zhenshchin na frontakh Velikoi Otechestvennoi voiny, 1941 1945. Erevan, Izd-vo Akad. nauk Armianskoi SSR, 1961. 90 p. (Akademiia nauk Armianskoi SSR. Institut istorii. Materialy po istorii Velikoi Otechestvennoi voiny, no 9) [In Armenian]

MARTOS, BORYS. [Oddiko and Bolbochan, translated version] Oddiko i Bolbochan, opovidy. Munich, Vydvo Petro Bekel, 1958. 67 p.
(BI)

MASAEV, SH'KHIM-GERI. [Lenin's national policy and the establishment of autonomy in Kabardino Balkaria] Leninskaia natsional'naia politika i obrazovanie avtonomii Kabardino-Balkarii. Nal'chik, Kabardino Balkarskoe knizhnoe izd-vo, 1961. 50 p.
(MH)

MAZEPA, ISAAK. [Ukraine in the fire and storm of revolution, 1917 1921] Ukraina v vohni i buri revolutsii, 1917-1921. [Munich] Vyd-vo "Prometei," 1959 1961 3 v. (Istorychno-politychni bibliioteka)
(NNC)

MELENTEV, V.G. [Hieroglyphs of Sikhote Alin] Ieroglify Sikhote Alina. [Ivanovo] Ivanovskoe kn. izd-vo, 1961. 190 p.
(MH)

MILSHKAIA, I. T. [Studies on the history of Catalonian cities from the 10th to the 12th century] Ocherki iz istorii gorodov v Katalonii X XII vv. Moskva, Izd-vo Akad. nauk SSSR, 1962. 165 p.

MINTS, I. I., and D. S. KARLOV. [History of the U.S.S.R., a textbook for the eighth grade] Istoriia SSSR; uchebnoe posobie dlia 8 klassa. Moskva, Uchpedgiz, 1962. 144 p. maps.

MISKO, M.V. [The Polish uprising of 1864] Pol'skoe vosstanie 1863 godu. Moskva, Izd-vo Akad. nauk SSSR, 1963. 144 p.

MENIK, V. K. [Studying the topic "First World War, 1914 1918" in the modern history course] Izuchenie temy Pervaia mirovaia voina 1914 1918 gg. v kurse novoi istorii. Moskva, Uchpedgiz, 1960. 87 p. (Iz opyta uchitelia)
(CLU)

MOROZOV, V. F. [The Penza Organization of Bolsheviks in the preparation for and execution of the Great October Socialist Revolution, March October, 1917] Penzenskaia organizatsiia bol'shevikov v period podgotovki i provedeniia Velikoi Oktiabr'skoi sotsialisticheskoi revolutsii, mart oktiabr' 1917 goda. [Penza] Penzenskoe knizhnoe izd-vo, 1959. 46 p. (Bibliotechka po istorii Penzenskoi organizatsii KPSS)
(NNC)

MOSCOW. INSTITUT MARKSIZMA LENINIZMA. ["Pravda" in the years 1912-1914, 1917; bibliography] Pravda, 1912-1914, 1917 gg.; bibliograficheskii ukazatel'. Moskva, Gospolitizdat, 1962. 101 p.
(CSt-H)

MUKHAMEDOV, KHALILULLA. [Ancient defensive walls] Drevnikh oboronitel'nykh sten Uzbekistana, Uzbekskoi SSR; kratkii istoricheskii ocherk. Tashkent, Uzbekistan SSR Fanlar Akad. nashriyoti, 1961. 101 p. [In Uzbek]

MUFTKOV, N.P. [M.I. Kutuzov as diplomat] M.I. Kutuzov - diplomat. Moskva, Gospolitizdat, 1962. 139 p. (Vydaiushchiesia deiateli diplomatii)

MUSHKATELOV, N.V. [Antifeudal revolt in Astrakhan in the 17th and 18th centuries] Antifeodal'noe vosstanie v Astrakhani v XVII - XVIII vekakh. Astrakhan', Izd-vo gazety "Volga," 1959. 93 p.
(NNC)

NURKANOV, AIAP. [National hero] Narodnyi bogatyr. Moskva, Gospolitizdat, 1962. 63 p. (Geroi i podvigi)

OKUN', S.B. [Decembrist M.S. Lunin] Dekabrist M.S. Lunin. [Leningrad] Izd-vo Leningr. univ., 1962. 277 p.

PACHADZE, G.G. [In a united fraternal family of nations] V edinoi bratskoi semie narodov. Tbilisi, Izd-vo Sabcha pedagogicheskoi lit. "Ganatleba," 1961. 80 p.

PAP NYI, JOZSEF. [From the history of Transcarpathian Ukrainians, 1849 1945] Iz istorii zakarpatskikh ukraintsev, 1849 1945. Budapest, Akademiai Kiado, 1967. 190 p. (Studia historica Academiae Scientiarum Hungaricae, no. 64) [Summaries in German and French]
(MH)

PROSOV, A.I. [Life is impossible to forget, recollections of a former prisoner of war] Liudei nel'zia zabyt', vospominaniia byvshego voennoplennogo. [Odessa, Odesskoe kn. izd-vo], 1961. 247 p.
(MH)

POGORIAN, S.P. [Armenia from the 17th to the 17th century, Armenia v XVII XVIII vv.] Erevan, Izd-vo Erevanskogo univ., in Armenian]
No. 1, 1960. 414 p.

PROKOF'EV, V.A. Petrashevskii. Moskva, Izd-vo "Mysl'," 1965. 311 p. (Zhizn' zamechatel'nykh liudei. Seriia biografii, no. 10[144])

PROTSKO, M.A. [The role of the intelligentsia in the building of a communist society] Rol' intelligentsii v stroitel'stve kommunisticheskogo obshchestva. Moskva, Izd-vo VPSh i AON, 1963. 71 p.

RABINOVICH, M.G., and G.I. AIAGINA. [From the life of ancient Moscow] Iz zhizni drevnei Moskvy. [Moskva, Mosk. rabochii, 1964]. 104 p. illus.
(MH)

RAITOPPILO, A.A. [With the fire of anger, from reminiscences of a Tank officer] Ognem gnevu polon; iz vospominanii ofitsera-tankista. Kiev, Molod', 1963. 111 p.

ROMANOV, A.V. [In an underground land, notes of a partisan] Na zemle i pod zemlei. Zapiski partizana. Minsk, Izd-vo BSSR, 1964. 206 p. illus.
(MH)

ROSTIAKOV, A.A. [How the Bolsheviks of Turkmenistan defended the Soviet state] Bol'sheviki Turkmenii na strazhe sovetskogo stroitel'stva. Ashkhabad, Turkmen. gos. izd-vo
Vol. 1. [The October Revolution and the early struggle for the consolidation of the Soviet regime, 1917 June 1918] Oktiabr'skaia revoliutsiia i nachalo bor'by za uprochenie sovetskoi vlasti, 1917 - iiun' 1918. Red. O. Ovezov. 1961. 350 p.

ROZHDESTVENSKII, D.P. [V.I. Lenin at Kazan University] V.I. Lenin v Kazanskom universitete. [Kazan'] Izd-vo Kazanskogo univ., 1970. 55 p. illus.
(MH)

RUDNA (pseud. U.S.S.R.) Pen'kal'nyi gosudarstvennyi vremno ispolnitel'nyi arkhiv. [Incidents, documentary materials, letters, and reminiscences] Iuzovshchina, dokumenty, pis'ma, vospominaniia. Moskva, Izd-vo "Sovetskaia Rossiia," 1963. 431 p.

SADYKOVA, N.B. [Hildesh Akhundzadeh; outline of his life and work] Hildash Akhundzadeh; ocherk zhizni i deiatel'nosti. Tashkent, Akad. nauk Uzbekskoi SSR, 1960. 68 p.
(MH)

SAMARIN, F.I. [In the rebellious year, the Bolshevik of Chuvyy in the forefront of the struggle for Lenin's tactics in the years of the first Russian revolution in Perm] V miatezhnye gody; bol'shevik Chuvyrov v avangarde bor'by za leninskuiu taktiku v gody pervoi russkoi revoliutsii na Urale. [Chuvyrov] Cheliabinskoe kn. izd-vo, 1961. 171 p. illus.
(MH)

SAMAKH, V.M. [Nyvkh legends, Translated from the Gilyak] Nivkhskie legendy. Perevod s nivkhskogo. Sakhalinskoe kn. izd-vo, 1961. 90 p.
(MH)

SARATOV, UNIVERSITET. [A collection of historical-biographical studies] Istoriko-biograficheskii sbornik. [Saratov] Izd-vo Saratovskogo univ., 1962. 170 p.

SARKISOV, A.A. [Lenin's "Iskra" and the Bolshevik press of Transcaucasia] Leninskaia "Iskra" i bol'shevistskaia pechat' Zakavkaz'ia. Erevan, Aipetrat, 1961. 120 p.
(MH)

SAVOSKIN, I.S. [On the [illegible] of the [illegible] "Pravda", [illegible] Pravda, [illegible] 1911 [illegible] [illegible] publishers, 1961. 34 p.

SHAPOVALOV'SKAI, [illegible] [illegible] [illegible]

TSINTSADZE, MARINA [Socioeconomic and cultural state of the Adyge from the 16th through the 18th century] Sotsial'no-ekonomicheskoe i kul'turnoe polozhenie adygeitsev v XVI-XCIII vv. Tbilisi, 1961. 143 p. [In Georgian]
(MH)

TUROK, V. M. [Studies on the history of Austria, 1929-1938] Ocherki istorii Avstrii, 1929-1938. Moskva, Izd-vo Akad. nauk SSSR, 1962. 551 p.

TUTUNDZHAN, T.A. [Rebellion of the Turkestan sappers in 1912] Vosstanie turkestanskikh saperov v 1912 godu. Tashkent, Gosizdat Uzbekskoi SSR, 1960. 29 p. illus
(MH)

[UNMASKED MURDERERS] Morvarid maskita. Tallinn, Eesti Riiklik Kirjastus, 1961. 155 p. [In Estonia]
MH

UTKIN, G.M. [They were the first to force the Dnieper] Oni pervymi forsirovali Dnepr. Moskva, Voenizdat, 1962. 131 p. (Geroicheskoe proshloe nashei Rodiny)

VASIL'EV, P.D [Lenin on the revolutionary traditions of the Ivanovo workers] V. I. Lenin o revoliutsionnykh traditsiiakh ivanovskikh rabochikh. [Ivanovo] Ivanovskoe knizhnoe izd-vo, 1960. 86 p.
(NNC)

VASIL'EV, V.F. [Studies on the history of Burma, 1885-1947] Ocherki istorii Birmy, 1885-1947. Moskva, Izd-vo vostochnoi lit-ry, 1962. 441 p

VESELOV, I. I. [Three years behind enemy lines; a partisan's notebook] Tri goda v tylu vraga; zapiski partizana. [Perm] Permskoe knizhnoe izd-vo, 1961. 174 p.
(CSt-H)

[WHAT THEY DID NOT MENTION IN THE REPORTS; reminiscences by participants in the resistance movement] O chem ne govorilos' v svodkakh; vospominaniia uchastnikov dvizheniia Soprotivleniia; [sbornik. Sost.: Kulikov, I.N. i dr.] Moskva, Gospolitizdat, 1962. 454 p.
(MH)

ZHUKOV, G.A. [Road to the Carpathians] Put' k Karpatam. [Moskva] Molodaia gvardiia, 1962. 155 p.

ZIUKOV, B.B. [Beneath the Issyk-Kul' waves] Pod volnami Issyk-Kulia. Moskva, Geografgiz, 1962. 101 p. [Puteshestvila, Prikliuchenila, Fantastika)

ZWEIG, STEFAN [Amerigo, a comedy of errors in history. Translated from the German] Amerigo; povest' ob odnoi istoricheskoi oshibke. [Moskva, Geografgiz, 1960] 157 p. illus.
(MID)

5. SOCIAL SCIENCES

ADATUROV, A. I. [Marketing expenses in retail trade] Izderzhki obrashchenila v roznichnoi torgovle. Izd. 2., perer. Moskva, Gostorgizdat, 1962. 194 p.

ABRAMOV, P.V. [Tatar A.S.S.R., study on economic geography] Tatarskaia ASSR, ekonomiko-geograficheskii ocherk. Kazan', Tatarskoe knizhnoe izd-vo, 1960. 220 p. illus.
(WU)

ABZIANIDZE, GEORGII. [Studies on the history of Georgian social and political thought of the 19th century. Ocherki po istorii gruzinskoi obshchestvennoi mysli XIX veka. Tbilisi, Sabchota Sakartvelo] 1959. 517 p. [In Georgian]
(MH)

AIZENBERG, I.P. [Building of communism, and commodity and monetary relations] Stroitel'stvo kommunizma i tovarno-denezhnye otnoshenila. Moskva, Izd-vo "Znanie," 1962. 46 p. (Novoe v zhizni, nauke, tekhnike. III Serila: Ekonomika, no. 18)

AKADEMIIA NAUK SSSR. Institut filosofii. Sovetskaia sotsiologicheskaia literatura za 1950-1962 gg.; bibliografiia. Sociology in the USSR; bibliography, 1950-1962. Moskva, 1962. 238 p.

AKADEMIIA NAUK SSSR. Institut geografii. [Problems in the economic utilization of the Volga-Akhtuba Flood Plain and the Volga Delta] Problemy khoziaistvennogo osvoenlia Volgo-Akhtubinskoi poimy i del'ty Volgi. Moskva, Izd-vo Akad. nauk SSSR, 1962. 146 p.

AKADEMIIA NAUK SSSR. Institut istorii. [German labor movement in the modern period] Germanskoe rabochee dvizhenie v novoe vremia, sbornik statei i materialov. Moskva, Izd-vo Akad. nauk SSSR, 1962. 405 p.

AKADEMIIA NAUK SSSR. Institut kompleksnykh transportnykh problem. [Transportation centers in capitalist countries] Transportnye uzly kapitalisticheskikh stran. Moskva, Izd-vo Akad. nauk SSSR, 1962. 318 p.

AKADEMIIA NAUK SSSR. Otdelenie ekonomicheskikh, filosofskikh i pravovykh nauk. [Mathematical statistics] Matematicheskaia statistika. Moskva, Izd-vo Akad. nauk SSSR, 1962. 232 p.
(DBC)

AKADEMIIA NAUK SSSR. Otdelenie ekonomicheskikh filosofskikh i pravovykh nauk. [Planning and operation of transportation] Planirovanie i ekspluatatsiia na transporte. Moskva, Akad. nauk SSSR, 1961. 100 p.
(CStmoH)

AKADEMIIA NAUK SSSR. Sibirskoe otdelenie. Institut ekonomiki i organizatsii promyshlennogo proizvodstva. [Problems of labor resources in Siberia] Voprosy trudovykh resursov v raionakh Sibiri. Pod obshchei red. G.A. Prudenskogo. Novosibirsk, Izd-vo Sibirskogo otd-nie AN SSSR, 1961. 168 p.

ALEKSANDROVA, V.P., and I.I.RYZHKOV. [Capital assets and production potential of industrial enterprises and their use] Osnovni fondy i vyrobnychi potuzhnosti promyslovykh pidpriemstv ta ikh vykorystannia. Kyiv, Akad. nauk URSR, 1957. 58 p.
(NNC)

ANDREEV, A.A. [Capital assets, amortization and capital repairs in ferrous metallurgy] Osnovnye fondy, amortizatsiia i kapital'nyi remont v chernoi metallurgii. Moskva, Metallurgizdat, 1962. 61 p.

ANISOV, A.A., G.S.DUNDUKOV, and N.I. IL'IN. [Accounting in public dining] Bukhgalterskii uchet v obshchestvennom pitanii. 2., perer. izd. Pod red. N.I. Il'ina. Moskva, Gostorgizdat, 1962. 200 p.

ARKHIPENKO, V.K. [Rustavi is marching into the future] Rustavi shagaet v budushchee. Moskva, Izd-vo "Znanie," 1962. 31 p. (Novoe v zhizni, nauke, tekhnike. I Serila: Istorila, no 20)

ARMENIAN S.S.R. Laws, statutes, etc. [Regulations on the committees on juvenile delinquency] Polozhenie o komissiiakh po delam nesovershennoletnikh. Erevan, 1961. 23 p. [Parallel texts in Armenian and Russian]
[MICROFILM]

ARNOL'DOV, A.I. [Socialism and culture; the cultural revolution in the European countries of people's democracies] Sotsializm i kul'tura; kul'turnaia revoliutsiia v evropeiskikh stranakh narodnoi demokratii. Moskva, Izd-vo Akad. nauk SSSR, 1962. 427 p. [With summary in English]

ASHKHABAD. INSTITUT ISTORII PARTII. [The 21st Congress, a congress of builders of communism; materials for propagandists] XXI s"ezd - s"ezd stroitelei kommunizma, materialy dlia propagandistov Ashkhabad, Turkmengosizdat, 1959. 123 p.

ATAMAMEDOV, N.V. [Studies on the history of Turkmenistan trade unions during the reconstruction period, 1921-1925] Ocherki po istorii profsoiuzov Turkmenistana v vosstanovitel'noi period, 1921-1925 gody. Ashkhabad, Izd-vo Akad. nauk Turkmenskoi SSR, 1962. 160 p.

AVRAMCHUK, F.P., and IU.E.VLAS'EVICH. [Militarization of the national economy and intensification of the contradictions of imperialism] Militarizatsiia ekonomiki i obostrenie protivorechii imperializma. Moskva, Voenizdat, 1962. 141 p.

BABOSHKIN, A.P. [A steady growth of labor productivity is the economic law of socialism] Zhemgyetchilik zehmet ondurizhiligini gysharnyksyz okarlandyrmak - sotsializmin ykdysady kanunydyr. Ashgabat, Turkmendovletneshir, 1960. 60 p. [In Turkmen]

BADIR'IAN, G.G., and A.K. IL'ICHEV, eds. [Economics of socialist agriculture] Ekonomika sotsialisticheskogo sel'skogo khoziaistva; kurs lektsii. Moskva, Sel'khozizdat, 1962. 710 p. (Uchebniki i uchebnye posobila dlia vysshikh sel'skokhoziaistvennykh uchebnykh zavedenii)

BALUTINA, O.S., L.A. PETRENKO, and IU.G. STOROZHENKO. [Let's bring corn to the fields of Sakhalin] Kukurutu - na polia Sakhalina. IUzhno-Sakhalinsk, Izd. gazety "Sovetskii Sakhalin," 1955. 22 p. (Sakhalinskii filial Akademii nauk SSSR. Nauchno-populiarnaia serila)
(ICMILC)

BARANOV, A.A. [For the welfare and happiness of man] Dlia blaga i schast'ia cheloveka. [Leningrad] Lenizdat, 1961. 27 p. (Novoe vkhodit v zhizn')

BECKER, HOWARD, and ALVIN BOSKOFF, eds. [Present day sociological theory in its sequence and changes] Sovremennaia sotsiologicheskaia teorila v ee preemstvennosti i izmenenii. Obshchaia red. i posleslovie D.I. Chesnokova. Moskva, Izd-vo inostr. lit-ry, 1961. 304 p. (Dlia nauchnykh bibliotek)
(NNC)

BELIAEV, A.A. [Troubled minds] Smiatennye dushi. [Moskva] Molodaia gvardiia, 1962. 110 p

BELIAEVSKII, I.K. [Collective-farm trade statistics] Statistika kolkhoznoi torgovli. Moskva, Gosstatizdat, 1962. 125 p.

BELOUSOV, R.I. [River transportation costs and the ways to reduce them] Sebestoimost' produktsii na rechnom transporte i puti ee snizhenila. Moskva, Rechnoi transport, 1961. 61 p.
(MH)

BELOVA, Z.V. [The strengthening of labor discipline is an important factor in increasing labor productivity] Ukreplenie trudovoi distsipliny - vazhneishee uslovie rosta proizvoditel'nosti truda. [Leningrad] Lenizdat, 1961. 26 p. (Osnovy ekonomicheskikh znanii - truzhenikam sel'skogo khoziaistva)
(NNC)

BLIUMIN, I.G. [Criticism of bourgeois economics] Kritika burzhuaznoi politicheskoi ekonomii. Moskva, Izd-vo Akad. nauk SSSR.
Vol. 1. [Subjective school in bourgeois economics] Sub"ektivnaia shkola v burzhuaznoi politicheskoi ekonomii. 1962. 871 p.

BOBKOV, V.A., and V.P. MARKOV. [Railroad transportation of the U.S.S.R. in the seven-year plan] Zheleznodorozhnyi transport SSSR v semiletnem plane. Leningrad, Ob-vo po rasprostr. polit. i nauchn. znanii RSFSR, 1961. 43 p
(NNC)

BOCHILLO, P.I., and A.I. KOGAN. [Highly important work of the Soviet public] Krovnoe delo obshchestvennosti. [Krasnoiarsk] Krasnoiarskoe knizhnoe izd-vo, 70 p. (Druzhinnik)

BOGUSLAVSKII, L.D. [Economics of heating and ventilation systems] Ekonomika sistem otoplenila i ventiliatsii. Moskva, Izd-vo M-va kommun. khoz. RSFSR, 1962. 92 p.

BORISOV, E.F., and R.L. ZAITSEV. [Socialist competition and the economics of enterprises] Sotsialisticheskoe sorevnovanie i ekonomika predpriiatii. Moskva, Ekonomizdat, 1962. 93 p. (Ekonomicheskoe samoobrazovanie)

[BRIGADES OF COMMUNIST LABOR] Brigady kommunisticheskogo truda. [Chellabinsk] Chellabinskoe knizhnoe izd-vo, 1959. 80 p.
(NNC)

BULATOV, I.G. [Struggle of the Communist Party for the development of the cooperative movement in the U.S.S.R., 1921-1925] Bor'ba Kommunisticheskoi partii za razvitie kooperativnogo dvizhenila v SSSR, 1921-1925 gg. Penza, M-vo sel'.khoz. RSFSR, 1961. 361 p.
(MH)

BULGAKOV, N.V., and G.I. KUTIANIN. [Introduction, Plastics, Commercial Chemicals] Vvedenie, Plasticheskie massy, Khimiko-moskatel'nye tovary. Moskva, Gostorgizdat, 1962. 368 p. (Tovarovedenie promyshlennykh tovarov)

BURLAKOV, M.I. [Development of production relations during the period of the building of communism] Razvitie proizvodstvennykh otnoshenii v period stroitel'stva kommunizma. Moskva, Izd-vo "Znanie," 1962. 38 p. (Novoe v zhizni, nauke, tekhnike. III Serila: Ekonomika, no 17)

BUTYSIN, A.IA. [The economic law of socialist accumulation] Ekonomicheskii zakon sotsialisticheskogo nakopleniia. Moskva, Vysshaia shkola, 1962. 93 p.

BYKOV, A. I., and S. I. MOKSHIN. [Factory and plant trade-union committee is the organizer of the competition for communist labor] Fabzavkom - organizator sorevnovaniia za kommunisticheskii trud. [Moskva] Profizdat, 1962. 78 p (Bibliotechka profsoiuznogo aktivista, no. 10[43])

CHARYEV, ROZYMAMED. [Bright perspectives] Aidyn perspektivalar. Ashgabat, Turkmenistan dövlet neshirlaty, 1961. 100 p. [In Turkmen]

CHUKHNO, A.A. [Distribution of material and cultural goods during the large-scale building of communism] Rozpodil materialnykh i kulturnykh blah v period rozhornutoho budivnytstva komunizmu [Kyiv] Vyd-vo Kyivskoho univ., 1962. 266 p.

DROZDETSKAIA, N. V. [Warm hearts] Goriachie serdtsa. Alma-Ata, Kazakhskoe gos. izd-vo, 1961. 58 p.
(NNC)

DRUZHININ, B. M. [Protective clothing, protective footgear and safety appliances, safety measures] Spetsodezhda, spetsobuv' i predokhranitel'nye prisposobleniia, zashchitnye sredstva. Pod obshchei red N. A. Smirnova. Leningrad, 1962. 27 p (Leningradskii dom nauchno-tekhnicheskoi propagandy. Bibliotechka stroitelia po tekhnike bezopasnosti, no. 13)

DVOROV, I. M. [Ryazan, economic and geographical study] Riazan', ekonomiko-geograficheskii ocherk. [Riazan'] Riazanskoe knizhnoe izd-vo, 1961. 173 p.

DZHAMALOV, O. B., ed. [Preparations for the complete collectivization of agriculture in Uzbekistan, 1927-1929] Podgotovka uslovii sploshnoi kollektivizatsii sel'skogo khoziaistva Uzbekistana, 1927-1929 gg. Tashkent, Izd-vo Akad. nauk Uzbekskoi SSR, 1961. 473 p (Istoriia kollektivizatsii sel'skogo khoziaistva SSSR, dokumenty i materialy)
(CSt-H)

[ECONOMIC ENCYCLOPEDIA; industry and construction] Ekonomicheskaia entsiklopediia; promyshlennost' i stroitel'stvo. Chleny red. kollegii: A. V. Bachurin i dr. Nauchn. sovet izd-va A. P. Aleksandrov i dr. Moskva, Gos. nauchn. izd-vo "Sovetskaia entsiklopediia," (Entsiklopedii, slovari, spravochniki)
Vol. 1. A - M. 1962. 951 p.

EGERMAYER, F., V. GRUZIN, and V. VLAKH. [Fundamentals of statistics. Translated from the Czech] Osnovy statistiki. Pod red. T. I. Slomzinoi i O. E. Rozentalia. Moskva, Gosstatizdat, 1961. 375 p.
(MH)

EROSHKEVICH, N. G. [Development of industry in the Soviet Altai] Razvitie promyshlennosti Sovetskogo Altaia. Barnaul, Altaiskoe knizhnoe izd-vo, 1958. 119 p.
(NNC)

[FATHERLAND, I ADMIRE YOU] Mana dzimta zeme, raugos tevi. [Riga, Komiteja repatriacijas sekmesanai un kulturas sakariem ar tautiesiem arzemes, Latvijas nodala, n.d.] 1 v. illus. [In Latvian]

[FIFTEEN YEARS OF SOVIET LATVIA] Padomju Latvijas 15 gadi. [Riga, Latvijas Valsts izdevniecība,

GORANSKII, M. N. [The 22d Congress of the CPSU on the consolidation of the economic and defensive power of the U S S R.] XXII s"ezd KPSS ob ukreplenii ekonomicheskogo i oboronnogo mogushchestva SSSR. Minsk, 1962. 27 p (Obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii Belorusskoi SSR, no. 10)

GREBNEV, A. V. [On the other side] Po tu storonu. Moskva, Izd-vo "Izvestiia," 1962. 84 p. (Biblioteka "Izvestii")

GRINBERG, IA. S. [Electrification and municipal services in the cities of the Urals] Elektrifikatsiia byta v gorodakh Urala. Sverdlovsk, Akad. nauk SSSR. Ural'skii filial, 1962. 39 p.

ILIAKHIN, M. I. [Brigades of communist labor] Brigady kommunisticheskogo truda. Moskva, 1960. 34 p. (Znanie v massy)
(NNC)

IL'IN, N. V. [Omsk Economic Administrative District] Omskii ekonomicheskii administrativnyi raion. [Omsk] Omskoe oblastnoe knizhnoe izd-vo, 1957. 60 p.
(NNC)

INHUL'S'KYI, PETRO. [Waterfalls do not freeze; sketches] Vodospady ne zamerzaiut', narys. Kyiv, Derzhlitvydav, 1961. 77 p. (Liudy i problemy semyrichchy)
(MH)

INIUSHIN, M. V. [From the Svir to the Irtysh, thirty years on the new frontier] Svir' - Irtysh, 30 let na perednem krae. [Moskva] Molodaia gvardiia, 1960. 173 p.
(MH)

IONAS, B. IA., and L. A. IUSFIN. [Economic effectiveness of specialization and cooperation in construction] Ekonomicheskaia effektivnost' spetsializatsii i kooperirovaniia v stroitel'stve. Moskva, Ekonomizdat, 1962. 59 p. (Ekonomicheskoe samoobrazovanie)

IUSUPOV, IUNUS. [A mixed construction brigade] Kompleksnaia stroitel'naia. Stalinabad, Tadzhikgosizdat, 1961. 32 p. (Peredoviki semiletki)

IVANNIKOV, G. S., and I. I. KOKOULIN. [Efficient utilization of switching locomotives; experience of the Perovo Station] Effektivnoe ispol'zovanie manevrovykh lokomotivov, opyt stantsii Perovo. Moskva, Transzheldorizdat, 1962. 26 p.

IVANOV, N. N. [Accounting for production expenditures and the calculation of production costs] Uchet zatrat na proizvodstvo i kal'kulirovanie sebestoimosti produktsii. Moskva, Gosfinizdat, 1961. 94 p. (Biblioteka bukhgaltera)
(MH)

KAHN, A. E. [The game of death. Translated from the English] Igra so smert'iu. Moskva, Izd-vo "Pravda," 1962. 47 p. (Biblioteka "Ogonek," no. 43)

KARABA, V. I. [Rapid transportation of local freight] Uskorennyi razvoz mestnogo gruza. Moskva, Transzheldorizdat, 1962. 36 p.

lan of the economic development
1959-1965; new stage in the
em] Plan razvitiia narodnogo
1959-1965 gody - novyi etap v
nizma. Moskva, Ob-vo po
lii. i nauchn. znanii RSFSR, 1959.

ls for economy in loading and
industry; based on the example
ure] Rezervy ekonomii na
chnykh rabotakh v promyshlen-
linostroenii. Moskva, Eko-
).

N. I. SHIMKO. [The piecework-
state farms; from the practice
ow Province] Akkordno-prev sovkhozakh; iz opyta sovkho-
. Moskva, Izd-vo "Znanie,"
zhizni, nauke, tekhnike,
laistvo, no. 20)

ermany] Zapadnaia Germaniia.
le," 1962. 47 p. (Novoe v
. VII Seriia. Mezhdunarod-

KHOLODNAIA, G. N. [Regular production flow is a guarantee of successful plan fulfillment] Ritmichnaia rabota - zalog vypolneniia plana. Moskva, Gospolitizdat, 1961. 46 p. (Ekonomicheskie znaniia - rabochim)

KHRUSHCHEV, N. S. [The building of communism in the U. S. S. R. and the development of agriculture] Stroitel'stvo kommunizma v SSSR i razvitie sel'skogo khoziaistva, v piati tomakh. Moskva, Gospolitizdat,
Vol. 1. [September, 1953-January, 1955] Sentiabr' 1953 goda-ianvar' 1955 goda. 1962. 404 p.
Vol. 2. [February, 1955-January, 1958] Fevral' 1955 goda-ianvar' 1958 goda. 1962. 533 p.

KILABERIIA, MELKISEDEK. [Defense and development of the Marxist-Leninist philosophy in Georgia. O zashchite i razvitii marksistsko-leninskoi filosofii v Gruzii. Tbilisi, Sabchota Sakaratvelo] 1960. 99 p. [In Georgian]
(MH)

KIM, IL-SONG. [Current objectives of the Government of the Korean People's Democratic Republic, Comrade Kim Il-song's address to the first session of the Third Supreme National Assembly of the Korean People's Democratic Republic, October 23, 1962] Ocherednye zadachi pravitel'stva Korelskoi Narodno-Demokraticheskoi Respubliki, rech' tovarishcha Kim Ir-sena na pervoi sessii Verkhovnogo narodnogo sobraniia KNDR tret'ego sozyva, 23 oktiabria 1962 goda. Pyongyang, TSentr. telegrafnoe agentstvo Kori [1962] 47 p. (Prilozhenie k no. 29 informatsionnogo biulleteniia "Novosti Korei")

KIR'IANOV, IU. I. [Peasantry of Ekaterinoslav Government during the First World War, 1914-1916; materials of the May session, 1960] Krest'ianstvo Ekaterinoslavskoi gubernii v gody pervoi mirovoi voiny, 1914-1916 gg.; materialy k maiskoi sessii 1960 gg. Moskva, In-t istorii Akad. nauk SSSR, 1960. 34 p.
(MH)

KOCHETOV, I. V. [Problems of railroad statistics] Voprosy zheleznodorozhnoi statistiki. Moskva, 1962. 119 p.
(DC)

KOMMUNISTICHESKAIA PARTIIA SOVETSKOGO SOIUZA. Vysshaia partiinaia shkola. Kafedra sovetskoi ekonomiki. [Course outline on the economics of socialist agriculture for state farm and collective farm workers studying in elementary economics groups and schools with production training] Programma po osnovam ekonomiki sotsialisticheskogo sel'skogo khoziaistva dlia rabochikh sovkhozov i kolkhoznikov, zaniatiushchikhsia v nachal'nykh ekonomicheskikh kruzhkakh i shkolakh proizvodstvennogo obucheniia. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1962. 15 p.

KONFERENTSIIA PO PROBLEMAM RAZVITIIA SOTSIALISTICHESKOI GOSUDARSTVENNOSTI KOMMUNISTICHESKOMU OBSHCHESTVENNOMU SAMOUPRAVLENIIU, Moscow, 1960. [Works of the Conference on the Problems of the Development of the Socialist State Toward Communist Self-Government] Trudy. Moskva, Izd-vo Akad. nauk SSSR, 1961. 346 p.
(IEN)

KOSTIUSHKO, I. I. [The reform of peasant land tenure in the kingdom of Poland in 1864] Krest'ianskaia reforma 1864 goda v TSarstve Pol'skom. Moskva, Izd-vo Akad. nauk SSSR, 1962. 491 p.

KOVALENKO, G. IA., and A. I. FLEROVSKII. [In the country of millionnaires and unemployed; American notes] V strane millionerov i bezrabotnykh; amerikanskie zametki. [Moskva] Izd-vo "Znanie," [1962] 47 p. (Novoe v zhizni, nauke, tekhnike. X Seriia: Molodezhnaia, no. 17)

KOVSHAROV, N. D. [Communist Youth League in the reconstruction of the industry of the White Russian S. S. R., 1946-1960] Komsomol v vosstanovlenii promyshlennosti BSSR, 1946-1960 gg. Minsk, Izd-vo M-va vysshego, srednego spetsial'nogo i professional'nogo obrazovaniia BSSR, 1961. 71 p.
(MH)

KOZHEVNIKOVA, M. V. [Analysis of economic activities on collective farms] Analiz khoziaistvennoi deiatel'nosti kolkhozov. Pod red. A. G. Shishkina. Saratov, 1960. 165 p. tables.
(NIC)

KOZLOV, N. E. [Indivisible funds of a collective farm] Kolkhozyn bolunmelen fondy. Ashgabat, Turkmendovletneshir, 1961. 40 p. [In Turkmen]

KRUKOVSKII, IU.A., and L.A.AVDEICHEV. [Economic geography of the Pyrenean countries Spain and Portugal. Lectures for correspondence school students of the geographical faculties of state universities] Ekonomicheskaia geografiia Pirenеiskikh stran, Ispanii i Portugalii. Lektsii dlia studentov-zaochnikov geograficheskikh fakul'tetov gosudarstvennykh universitetov. [Moskva] Izd-vo Mosk. univ., 1962. 78 p.

KUROCHKIN, IU.M. [Gold valley] Zolotaia dolina [Sverdlovsk] Sverdlovskoe knizhnoe izd-vo, 1960 62 p Illus
(MH)

KUVARIN, V.S. [Toward total victory in economic competition with capitalism] K polnoi pobede v ekonomicheskom sorevnovanii s kapitalizmom. Moskva, Ekonomizdat, 1962. 155 p.

KUZNETSOV, V.A. [Wages under socialism and the improvement of its organization at the present-stage] Zarabotnaia plata pri sotsializme i sovershenstvovanie ee organizatsii na sovremennom etape. [Saratov] Izd-vo Saratovskogo univ., 1961. 71 p.

LARTSEV, F.F. [Commerce under socialism; lecture read at the Higher Party School at the Central Committee of CPSU] Torgovlia pri sotsializme; lektsiia, prochitannaia v Vysshei partiinoi shkole pri TsK KPSS Moskva, VPSh, 1959 50 p. (Politicheskaia ekonomiia)
(NNC)

LATVIAN S.S.R. Centrals statistikas parvalde [Soviet Latvian national economy during the last 20 years; collected statistical data] Padomju Latvijas tautas saimieciba 20 gados, statistisko datu krajums. Riga, Valsts statistikas izdevniecibas Latvijas nodala, 1960. 309 p.
(DC)

LATYSHEVA, A.V. [Regular production conferences; from work practices of industrial enterprises in Leningrad] Postoiannо deistvuiushchie proizvodstvennyo soveshchaniia; iz opyta raboty promyshlennykh predpriiatii Leningrada. [Leningrad] Lenizdat, 1961. 74 p.
(NNC)

LITHUANIAN S.S.R. Valstybinis statybos ir architekturos reikalu komitetas. [Unified classification and qualification manual of the building trades] Visuotinis statybos ir statybinio remonto darbu bei darbininku profesiju tarifinis-kvalifikacinis zinynas (VTKZ). Vilnius, Centrinis techninės informacijos ir propagandos biuras, 1961. 154 p. [In Lithuanian]

LIUBOVTSEV, V.I. [Beyond the Khatanga River] Za rekoi Khatangoi. Moskva, Gospolitizdat, 1962. 108 p. (Povesti o delakh i liudiakh partii)

LIVSHITS, R.Z. [Leave for workers and employees in the U.S.S.R.] Otpuska rabochikh i sluzhashchikh v SSSR. Moskva, Goslesturizdat, 1962. 95 p.

LOS', F.IE., and P.A.LAVROV eds [Labor movement in the Ukraine during the period of imperialism] Robitnychyi rukh na Ukraini v period imperializmu, zbirnyk statei. Kyiv, Derzhpolitvydav, 1961. 271 p.
(MH)

LOSEV, I.M., P.BELONOGOV, and B.ZARKHIN [Utilize working time more productively, analysis of the workday by the worker] Produktivnee ispol'zovat' rabochee vremia; opyt provedeniia samofotografii rabochego dnia. [Moskva] Profizdat, 1961 55 p
(NNC)

MAGYAR TUDOMANYOS AKADEMIA, Budapest. Kozgazdasagtudomanyi Intezet. [Materials on economic problems from the 1960 session of the Hungarian Academy of Sciences] Materialy po ekonomicheskim voprosam sessii Vengerskoi Akademii nauk 1960 goda. Budapest, In-t ekonomiki VAN, 1960. 122 p.
(MdBJ)

MAIZEL'S, D.L. [Statistics of capital construction] Statistika kapital'nogo stroitel'stva. Moskva, Gosstatizdat, 1962. 238 p.

MAKHMAKOVA, K., and N.SARADZHEVA. [Glorious women workers] Shonli mekhnatkash khotin-kizlar. Toshkent, "Kizil Uzbekiston," "Pravda Vostoka" va "Uzbekistoni Surkh" birlashgan nashrieti, 1961. 18 p. [In Uzbek]

MAKSIMOV, V.F., I.V. NAMESTNIKOV, and O.I. SOKOLOVA. [Methods of inspecting working conditions in the enterprises of the woodpulp, paper, and woodworking industries] Metody kontrolia uslovii truda na predpriiatiiakh tsellIulozno-bumazhnoi i derevoobrabatyvaiushchei promyshlennosti. Moskva, Goslesbumizdat, 1962. 214 p.

[MANUAL ON SAFETY ENGINEERING AND INDUSTRIAL HYGIENE IN FOUR VOLUMES] Spravochnik po tekhnike bezopasnosti i proizvodstvennoi sanitarii v chetyrekh tomakh. 2., perer. i dop. izd. Sost. S.S. Sidorochkin i dr. Otv. red. I.K. Borodulenko. Leningrad, Sudpromgiz.
Vol.1. [General regulations] Obshchie polozheniia. 1962. 575 p.

MASLOV, E.P. [The Northern Caucasus, study on economic geography] Severnyi Kavkaz, ekonomiko-geograficheskii ocherk. Posobie dlia uchitelei. Moskva, Uchpedgiz, 1962. 126 p.

MATVEEVA, E.F. [On the right road] Na vernom puti. [Leningrad] Lenizdat, 1961. 53 p.

MEZHRESPUBLIKANSKII SEMINAR-SOVESHCHANIE POSVIASHCHENNYI TEME "DRUZHBA NARODOV I SOTSIALISTICHESKII INTERNATSIONALIZM, VELIKAIA SILA V BOR'BE ZA POSTROENIE KOMMUNIZMA, Tashkent, 1961. [Interrepublic Seminar and Conference Dedicated to the Topic "Friendship of Peoples and Socialist Internationalism, Great Force in the Struggle for the Development of Communism"; materials] Druzhba narodov i sotsialisticheskii internatsionalizm, velikaia sila v bor'be za postroenie kommunizma, materialy. Tashkent, Ob"edinennoe izd-vo, 1961. 430 p.
(MH)

MIKHAILOV, A.M. [Trade unions of White Russia in the struggle for the fulfillment of the fourth five-year plan in industry] Profsoiuzy Belorussii v bor'be za vypolnenie chetvertoi piatiletki v oblasti promyshlennosti. Minsk, Izd-vo M-va vysshego, srednego spets. i prof obrazovaniia BSSR, 1961. 129 p.
(CSt-H)

MOSCOW. AKADEMIIA OBSHCHESTVENNYKH NAUK. [CPSU in the struggle for the expansion of the national economy at the present stage] KPSS v bor'be za pod"em narodnogo khoziaistva na sovremennom etape. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1962. 325 p.

MOSCOW. AKADEMIIA OBSHCHESTVENNYKH NAUK. [Program of the course "Fundamentals of Marxism and Leninism" for groups, seminars and political self-education] Programma kursa "Osnovy marksizma-leninizma" dlia kruzhkov, seminarov i politicheskogo samoobrazovaniia. Moskva, Gospolitizdat, 1962. 47 p.

MOSCOW. GOSUDARSTVENNYI EKONOMICHESKII INSTITUT. [Economics of socialist industry; textbook] Ekonomika sotsialisticheskoi promyshlennosti; uchebnik. Pod red. L.I. Rina, B.S. Gerashchenko. 2., dop. i perer. izd. Moskva, Gospolitizdat, 1961. 775 p.

MOSCOW. NAUCHNO-ISSLEDOVATEL'SKII EKONOMICHESKII INSTITUT. [Structural changes in the industries of the United States, Great Britain and the German Federal Republic in the postwar years] Strukturnye izmeneniia v promyshlennosti SShA, Anglii i FRG v poslevoennye gody. Moskva, Ekonomizdat, 1962. 417 p.

MURYSEV, A.S. [Storming new frontiers] Na novye rubezhi. [Kuibyshev] Kuibyshevskoe knizhnoe izd-vo, 1960. 108 p.

[THE NATIONAL ECONOMY OF THE U.S.S.R. IN 1961; statistical yearbook] Narodnoe khoziaistvo SSSR v 1961 godu; statisticheskii ezhegodnik. Moskva, Gosstatizdat, 1962. 860 p.

NOVOSEL'TSEV, IU.A. [Highways of the future] Magistrali griadushchego. Moskva, Izd-vo "Sovetskaia Rossiia," 1962. 160 p.

OB'EDNANNIA UKRAINS'KYKH ZHINOK NA EMIGRATSII. [Commandments of Ukrainian women in foreign countries] Zapovidi ukrainki na chuzhyni. [Munich?] 1947. [4] p.
(NNC)

[ONE-HUNDRED YEARS OF RUSSIAN POSTAGE STAMPS, 1858-1958] Sto let Russkoi pochtovoi marki, 1858-1958. [Moskva, Sviaz'izdat, 1958] 98 p.

[ORGANIZING AND PLANNING THE WHOLESALE TRADE OF MEAT, MILK AND FISH PRODUCTS]. Organizatsiia i planirovanie optovoi torgovli miasnymi, molochnymi i rybnymi tovarami. [By] N.A. Bekunov, i dr. Moskva, Gostorgizdat, 1962. 240 p.
(MH)

OZERAN, L.G. [Growth of the prosperity of Soviet workers; lecture on the course "Statistics" delivered for the students of the Correspondence Higher Party School attached to the Central Committee of the CPSU] Rost blagosostoianiia trudiashchikhsia SSSR, lektsiia po kursu "Statistika," prochitannaia slushateliam ZVPSh pri TsK KPSS. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1962. 62 p.

PAKHOMOV, A.M. [Finances of intercollective-farm organizations and enterprises] Finansy mezhkolkhoznykh organizatsii i predpriiatii. Moskva, Ekonomizdat, 1962. 131 p.

PARTIDUL MUNCII ORFSC ROMIN. Comitetul Central. [Report of the Central Committee at the Third Congress of the Rumanian Workers' Party] Otchetnyi doklad TSentral'nogo komiteta Rymynskoi rabochei partii III s"ezdu partii. [By] Ghoorghiu-Dej, Gheorghe. Moskva, [Gos. izd-vo polit. lit-ry] 1960. 175 p. (Bibliotechka po nauchnomu sotsializmu)
(CSt-H)

PAVLYCHENKO, T.K. [Movement for national unity, on the jubilee conference of the Ukrainian National Association of Canada] Rukh natsional'noi odnosty; z-pryvodu iuvileinoi konferentsii UNO Kanady. Winnipeg, Nakl. Ukrains'koho natsional'noho ob'iednannia Kanady, 1952. 30 p. (Samoosvitnia biblioteka, Pt.1)
(IU)

PESSEL', M.A. [Issuing credit to enterprises on the basis of the turnover of material values] Kreditovanie predpriiatii po oborotu material'nykh tsennostei. Moskva, Gosfinizdat, 1958. 61 p.
(NNC)

PETROV, P.S. [The sprouts of communism] Rostki kommunizma. Moskva, Sovetskaia Rossiia, 1962. 86 p.

PETROVA, A.I. [Soviet trade-unions during the reconstruction period, 1921 - 1925] Sovetskie profsoiuzy v vosstanovitel'nyi period, 1921-1925 gg. [Moskva] Profizdat, 1962. 94 p.

[A PIONEER LEADER CAME IN FROM THE FACTORY; sketches] Iz tsekha prishel vozhatyi; ocherki. Moskva] Molodaia gvardiia, 1962. 62 p. (Dlia tekh kto rabotaet s pionerami)

POGUDIN, V.I. [Food supply problem and the future of mankind] Problema prodovol'stviia i budushchee chelovechestva. Moskva, Izd-vo "Znanie," 1962. 30 p. (Novoe v zhizni, nauke, tekhnike. III Serlia' Ekonomika, no.10)

POLTORYGIN, V.K. [Capital assets and production capacities in construction and their utilization] Osnovnye fondy i proizvodstvennye moshchnosti v stroitel'stve i ikh obrazovanie. Moskva, Ekonomizdat, 99 p. (Ekonomicheskoe samoobrazovanie)

[PROBLEMS OF THE ECONOMICS OF SOCIALISM] Problemy politicheskoi ekonomii sotsializma; sbornik statei. Moskva, Gos. izd-vo polit. lit-ry, 1961. 1 v.
(NN)

PULIARKIN, V.A. [Western Pakistan; economic geography] Zapadnyi Pakistan; ekonomiko-geograficheskaia kharakteristika. Moskva, Geografgiz, 1962. 259 p.

RASPORKIN, F.P., comp. [Rural trade-union work] Profsoiuznaia rabota na sele. [Moskva] Profizdat, 1960. 197 p.
(NNC)

[READINGS IN MARXIST-LENINIST PHILOSOPHY] Khrestomatiia po marksistsko-leninskoi filosofii. Moskva, Gos. izd-vo polit. lit-ry.
Vol.3. 1962. 800 p.

RED CROSS. Russia. Obshchestvo Krasnogo Kresta RSFSR. [Soviet Red Cross] Sovetskii Krasnyi Krest. Piatigorsk, Piatigorskii gor. kom-t Krasnogo Kresta, 1961. 9 p.

REKSNA, A [Reducing the prices of agricultural products as a source of public wealth] Lauksaimniecibas produkcijas pasizmaksas pazeminasana - sabiedriska labklajibas avots. Riga, Latvijas Valsts izdevnieciba, 1961. 81 p. [In Latvian]

RIABOV, G T., and A. I. KHODANOV. [Investigation has determined. . . .] Doznaniem ustanovleno. . . . Moskva, Gosturizdat, 1962. 45 p. (Zapiski sledovatelia)

RUDNEV, D. M. [Dmitrii Il'ich Ul'ianov in Tartu] Dmitrii Il'ich Ul'ianov v Tartu. Tallinn, Estonskoe gos. izd-vo, 1959. 59 p. facsims. (NNC)

RUMANIA. Directiunea Centrala de Statistica. [Statistical yearbook of the Rumanian People's Republic, 1961] Statisticheskii ezhegodnik RNR, 1961. Bucharest, [n.d.] 1 v. (KU)

RUSSIA (1923- U.S.S.R.) Gosudarstvennyi nauchno-ekonomicheskii sovet. [Methodology for determining norms for specific capital investments] Metodika opredeleniia normativov udel'nykh kapital'nykh vlozhenii. Moskva, Ekonomizdat, 1962. 72 p.

RUSSIA (1923- U.S.S.R.) Ministerstvo putei soobshcheniia. [Analysis of the production and economic operations of a railroad division, methodological textbook] Analiz proizvodstvenno-khoziaistvennoi deiatel'nosti otdeleniia dorogi, metodicheskoe posobie. Moskva, Transzheldorizdat, 1961. 119 p.

SAFRONOV, F. G. [Russian peasants in Yakutia, from the 17th to the beginning of the 20th century] Russkie krest'iane v IAkutii, XVII - nachalo XX vv. IAkutsk, IAkutskoe knizhnoe izd-vo, 1961. 494 p. (MH)

SARANTSEV, P. L. [Geography of the transportation systems of the U. S. S. R.] Geografiia putei soobshcheniia SSSR. Izd 2., pererab i dop. Moskva, Transzheldorizdat, 1962. 233 p

SAUSHKIN, IU. G. [Economic geography and national economy] Ekonomicheskaia geografiia i narodnoe khoziaistvo. Moskva, Izd-vo "Znanie," 1962. 45 p. (Novoe v zhizni, nauke, tekhnike. XII Seriia Geologiia i geografiia, no. 10)

SAVEL'EVA, T. N. [Agrarian system in Egypt during the Old Kingdom] Agrarnyi stroi Egipta v period Drevnego tsarstva. Moskva, Izd-vo vostochnoi lit-ry, 1962. 291 p.

SAVIN, N. I. [Planning marine passenger traffic] Planirovanie morskikh passazhirskikh perevozok. Moskva, Izd-vo "Morskoi transport," 1962. 201 p. (Ekonomika i ekspluatatsiia morskogo transporta)

SEREBRIAKOVA, G. I. [Karl Marx] Karl Marks. Moskva, Izd-vo "Molodaia gvardiia," 1962. 686 p. (Zhizn' zamechatel'nykh liudei. Seriia biografii, no 9[342])

SEVERO-KAZAKHSTANSKAIA OBLAST'. [Economy of North Kazakhstan Province; collected statistics] Narodnoe khoziaistvo Severo-Kazakhstanskoi oblasti; statisticheskii sbornik. Petropavlovsk, 1962. 206 p.

SHAMIDE, A. I [Worker and trade-union movement in Iran, 1941-1946. Rabochee i profsoiuznoe dvizhenie v Irane, 1941-1946. Baku, Akad. nauk Azerbaidzhanskoi SSR] 1961. 179 p. [In Azerbaijani] (MH)

SHEININ, L. R. [Notes of an investigator] Zapiski sledovatelia. Moskva, Goslitizdat, 1962. 566 p. illus. (MH)

SHIRIAEV, S. D. [The seven-year plan in action; struggle of workers in the Chechen-Ingush A. S. S. R. to fulfill the seven-year plan for the development of the national economy ahead of schedule] Semiletka v deistvii; bor'ba trudiashchikhsia Checheno-Ingushskoi ASSR za dosrochnoe vypolnenie semiletnego plana razvitiia narodnogo khoziaistva. [Groznyi] Checheno-Ingushskoe knizhnoe izd-vo, 1961. 109 p. (MH)

SHISHKIN, N. I., ed. [Labor resources of the U. S. S. R.; problems of distribution and exploitation] Trudovye resursy SSSR; problemy raspredeleniia i ispol'zovaniia. Moskva, Ekonomizdat, 1961. 246 p. (CStmoR)

SHMEL'KOV, M. I. [Making work the first necessity of life] Prevrashchenie truda v pervuiu potrebnost' zhizni. [Moskva] Mosk. rabochii, 1962. 61 p. (Obshchedostupnaia bibliotechka po filosofii)

SHTYMOV, S T. [From the history of the Pioneer organization of the Kabardino-Balkar A. S. S. R.; short studies] Iz istorii pionerskoi organizatsii Kabardino-Balkarii; kratkii ocherki. Nal'chik, Kabardino-Balkarskoe knizhnoe izd-vo, 1960. 117 p. (Vsegda gotov) (MH)

SHUKUROVA, KH. SH. [Communist party of Uzbekistan in the struggle for the liberation of women, 1924-1929] Kommunisticheskaia partiia Uzbekistana v bor'be za raskreposhchenie zhenshchin, 1924-1929 gg. Tashkent, Gos. izd-vo Uzbekskoi SSR, 1961. 149 p (C8t-H)

SIKORSKII, V. M., ed. [Communist Party of White Russia in the struggle for the further development of the national economy of the republic in the postwar years] KPB v bor'be za dal'neishee razvitie narodnogo khoziaistva respubliki v poslevoennye gody. Minsk, Izd-vo M-va vysshego, srednego spetsial'nogo i professional'nogo obrazovaniia BSSR, 1961. 269 p. (MH)

SIVITSKII, K. P. [Builders in the struggle for creating the material and technical bases of communism] Stroiteli v bor'be za sozdanie material'no-tekhnicheskoi bazy kommunizma. Moskva, Gosstroiizdat, 1962. 33 p. (V pomoshch' ekonomicheskomu obrazovaniiu rabochikh, brigadirov i masterov-stroitelei)

SMIRNOV, G. L. [Formation of communist social relations] Formirovanie kommunisticheskikh obshchestvennykh otnoshenii. Moskva, Gospolitizdat, 1962. 53 p. (V pomoshch' izuchaiushchim materialy XXII s"ezda KPSS)

SRAPIONOV, O. S., and S. R. ESIKOV. [Production costs in the telecommunication industry] Sebestoimost' produktsii v khoziaistve sviazi. Moskva, Sviaz'izdat, 1962. 174 p.

STRIGUNOV, I. V. [From the history of the formation of the Baku proletariat, 70's to the 90's of the 19th century] Iz istorii formirovaniia bakinskogo proletariata, 70-90-e gody XIX v. Baku, Izd-vo Akad. nauk Azerbaidzhanskoi SSR, 1960. 287 p. (OrU)

SUKHANOV, N. I. [How to organize business accounting in workshops and brigades] Kak organizovat' khoziaistvennyi raschet v tsekhakh i brigadakh. Moskva, Metallurgizdat, 1962. 55 p.

SVIRIDOV, D. A [Economize in large as well as in small things] Ekonomit' v bol'shom i malom. [Moskva] Mosk. rabochii, 1961. 31 p. (Novatory Semiletki)

[TRADE-UNION MOVEMENT OF INDONESIA. Translated from the Indonesian] Profsoiuznoe dvizhenie Indonezii. Moskva, Profizdat, 1961. 90 p. (CStmoR)

TRAPEZNIKOV, V. A. [Automation and mankind] Avtomatika i cheloveechestvo. Moskva, Izd-vo "Znanie," 1962. 20 p. (Narodnyi universitet kul'tury: Tekhniko-ekonomicheskii fakul'tet, no. 8)

TVERSKOI, K. N. [Planning in railroad transportation] Planirovanie na zheleznodorozhnom transporte. Moskva, Transzheldorizdat, 1962. 69 p.(V pomoshch' izuchaiushchim ekonomiku zheleznodorozhnogo transporta)

UCHASTKINA, Z. V., and G. B. KASPAROV. [The economics, organization, and planning of the woodpulp and paper industries] Ekonomika, organizatsiia i planirovanie tsellulozno-bumazhnogo proizvodstva. Moskva, Goslesbumizdat, 1961. 236 p. (MH)

USOV, N. I., and V. T. SHCHUKIN. [Even in days of peace there is room for heroic deeds] I v mirnye dni est' mesto podvigam. Leningrad, Ob-vo po rasprostraneniiu polit. i nauchn. znanii RSFSR, 1962. 50 p.

USTREDNI RADA DRUZSTEV, Prague. [Czechoslovak cooperative movement in 1959] Chekhoslovatskoe kooperativnoe dvizhenie, 1959. Prague, TSentral'nyi sovet kooperativov, 1960. 24 p. (NNC)

VASIL'EVA, E. V. [Development of the food industry and the economics of public labor in the U. S. S. R.] Razvitie pishchevoi promyshlennosti i ekonomika obshchestvennogo truda v SSSR. Moskva, Ekonomizdat, 1962 194 p.

VINT, E. [Efficient management on the "Estonia" Collective Farm of Turi District] Ratsional'noe vedenie khoziaistva v kolkhoze "Estoniia" Turiiskogo raiona. Tallinn, Estonskoe gos. izd-vo, 1957. 50 p.

VITKOVSKII, V. G. [Storage of apples and grapes] Khranenie iablok i vinograda. Moskva, Gostorgizdat, 1961. 34 p.

VLADIMIROV, E. A. [Meetings devoted to specific subjects] Tematicheskie vechera, sbornik statei iz opyta kul'turno-prosvetrabotnikov Moskva, Izd-vo "Sovetskaia Rossiia," 1962 172 p. (Bibliotechka sel'skogo nauchnogo rabotnika, no 3)

VOROPAEV, V. I., and P. P. BELICHENKO. [Supplementary wages on collective farms] Dopolnitel'naia oplata truda v kolkhozakh. Moskva, Ekonomizdat, 1962. 178 p.

VSEVOLOZHS'KYI, M. M. [Decisive force] Vyrishal'na syla [Zaporizhzhia] Zaporiz'ke knyzhkovo-gazetne vyd-vo, 1960. 37 p. (WU)

VYSOCHENKO, A. [U. S. S. R. without a mask] SSSR bez maski. [2 vyd.] Winnipeg, Nakl. 1 druk. Novoho shliakhu, 1952. 196 p. (IU)

[WAGES AND UNIFIED PRODUCTION NORMS IN THE PRINTING INDUSTRY] Poligrafijos pramones darbo uzmokescio ir vieningoju indirbio normu rinkinys. Vilnius, Valstybine politines ir mokslines literatures leidykla, 1961. 431 p. [In Lithuanian]

ZAKIROV, R. A. [Party organizations of Bashkiria in the struggle for the fulfillment of the fourth five-year plan in the field of the machinery industry; 1946-1950. Partiinye organizatsii Bashkirii v bor'be za vypolnenie chetvertogo piatiletnego plana v oblasti tiazholoi promyshlennosti, 1946-1950. Ufa, Bashkirskoe knizhnoe izd-vo, 1959] 84 p. [In Bashkir] (NNC)

ZAKLADNOI, V. S. [Tables for calculating wages for state farm workers engaged in manual work and work with horse-drawn machinery where the piecework wage system is in operation] Tablitsy dlia rascheta zarabotnoi platy rabochim sovkhozov na konno-ruchnykh rabotakh; pri sdel'noi oplate truda. Moskva, Gosstatizdat, 1962. 191 p.

ZHADANOV, V. A. [Planning a turnover tax] Planirovanie naloga s oborota. Moskva, Gosfinizdat, 1962. 70 p. (V pomoshch' finansovomu rabotniku)

ZINOVICH, I. E. [Economic analysis of collective farm production] Ekonomicheskii analiz kolkhoznogo proizvodstva. Moskva, Ekonomizdat, 1962. 148 p.

ZUSMAN, L. L. [Turnover of metal in the national economy of the U. S. S. R.] Krugooborot metalla v narodnom khoziaistve SSSR. Moskva, Metallurgizdat, 1962. 319 p. (MH)

ZYKOV, A. N. [Communists of Irkutsk in the struggle for the realization of Lenin's cooperation plan, 1921-1925] Irkutskie kommunisty v bor'be za osushchestvlenie leninskogo kooperativnogo plana, 1921-1925 gg. [Irkutsk] Irkutskoe knizhnoe izd-vo, 1961. 143 p. (MH)

6. POLITICAL SCIENCE

ARAPETIAN, M. E. [Fundamental principles of Soviet foreign policy] Osnovnye printsipy vneshnei politiki SSSR. Moskva, Ob-vo po rasprostraneniiu polit. i nauchn. znanii RSFSR, 1959. 32 p. (Znanie v massy) (NNC)

ALEKSANDROV, N. F. [Chechen-Ingush Province party organization in the struggle for carrying out the re-resolutions of the 20th Congress of CPSU, 1956-1958] Checheno-Ingushskaia oblasnaia partorganizatsiia v bor'be za vypolnenie reshenii XX s"ezda KPSS, 1956-1958 gg. Groznyi, Checheno-Ingushskoe knizhnoe izd-vo, 1961. 66 p. (Bibliotechka po istorii Checheno-Ingushskoi organizatsii KPSS) (MH)

ARKHIPOVA, M.K. [Literature and bibliography of contemporary international relations, political and economic situation of foreign countries, a textbook for students of the correspondence course "Bibliography of the sociopolitical literature."] Literatura i bibliografiia o sovremennykh mezhdunarodnykh otnosheniiakh, politicheskom i ekonomicheskom polozhenii zarubezhnykh stran, uchebnoe posobie dlia studentov zaochnogo otdeleniia po kursu "Bibliografiia obshchestvenno-politicheskoi literatury." Leningrad, Leningr. gos. bibliotechnyi in-t im. N.K Krupskoi, 1961. 68 p.

ASAEVICH, E.A. [Initiative in party work] Initsiativa v partiinoi rabote. Moskva, Gospolitizdat, 1962. 53 p. (Voprosy partiinogo stroitel'stva)

ASTRAKHAN (Province) Upravlenie vnutrennikh del. Arkhivnyi otdel [Initial years of the activities of the Astrakhan Communist Youth League, collected documents] Pervye gody deiatel'nosti astrakhanskoi komsomol'skoi organizatsii, sbornik dokumentov Astrakhan', Izd-vo gazety "Volga," 1953. 304 p. (NNC)

BAIRACHNYI, K.A., and V.A. CHEFRANOV. [From the state to communist self-government] Ot gosudarstva k kommunisticheskomu samoupravleniiu. [Khar'kov] Khar'kovskoe knizhnoe izd-vo, 1962. 71 p.

BERKOV, E.A., and G.F. KIM. [Disintegration of the colonial system of imperialism] Raspad kolonial'noi sistemy imperializma. Moskva, Vysshaia shkola, 1962. 67 p.

BERSHEDA, R.V. [Executive committees of the district soviets of workers' deputies] Ispolnitel'nyi komitet raionnogo Soveta deputatov trudiashchikhsia. Otv. red. B.M. Babii. Moskva, Gosturizdat, 1962. 60 p. (Bibliotechka rabotnika raionnogo Soveta)

BOIARS'KYI, P.K. [Ukrainian domestic policy of the Organization of Ukrainian Nationalists] Ukrains'ka vnutrishnia polityka Organizatsii ukrains'kykh natsionalistiv. Geneva, 1947. 80 p. (NNC)

BRAZHNYKOV, V.IE. [Standing committees of district soviets of workers' deputies] Postoiannye komissii raionnogo Soveta deputatov trudiashchikhsia. Otv. red. B.M. Babii. Moskva, Gosturizdat, 1962. 65 p. (Bibliotechka rabotnika raionnogo Soveta)

DAVYDOV, I.V. [Party organization in Kabardino-Balkaria during the Great Patriotic War, 1941-1945] Partiinaia organizatsiia Kabardino-Balkarii v period Velikoi Otechestvennoi voiny, 1941-1945 gg. Nal'chik, Kabardino-Balkarskoe knizhnoe izd-vo, 1961. 170 p. (MH)

[DIALECTICS OF THE DEVELOPMENT OF THE SOVIET SOCIALIST SOCIETY] O dialektike razvitiia sovetskogo sotsialisticheskogo obshchestva. Moskva, Gospolitizdat, 1962. 253 p.

DIDUSENKO, A.A., and A.P. SKRYPNIK. [The law governing the life of the members of the Communist Youth League] Zakon komsomol'skoi zhizni. [Moskva] Molodaia gvardiia, 1962. 109 p.

DIUNIN, V.M. [Shine brighter, Communist Youth League Searchlight!] [Arche sveti, "komsomol'skii prozhektor"!] [Moskva] Molodaia gvardiia, 1962. 77 p.

EGOROV, IU.V. [Peaceful coexistence and the struggle for universal peace (a manual for students of the program of the CPSU); index of recommended literature] Mirnoe sosushchestvovanie i bor'ba za vseobshchii mir (v pomoshch' izuchaiushchim Programmu KPSS); rekomendatel'nyi ukazatel literatury. Leningrad, Publichnaia biblioteka, 1962. 62 p.

[ELEMENTS OF POLITICAL SCIENCE; a textbook] Osnovy politicheskikh znanii, uchebnoe posobie, [4., perer. i dop. izd.] Moskva, Gospolitizdat, 1962. 542 p.

FEDENKO, PANAS. [Marxist and Bolshevik theories of nationality] Marksyst'ki i bol'shovyts'ki teorii natsional'nogo pytannia. Munich, Instytut dlia Vyvchennia SSSR, 1960. 76 p. (IaU)

FEDONIUK, K.E. [How district soviets supervise public education and carry out educational and cultural work] Deiatel'nost' raionnogo Soveta po rukovodstvu narodnym obrazovaniem i kul'turno-prosvetitel'noi rabotoi. Otv. red. B.M. Babii. Moskva, Gosturizdat, 1962. 70 p. (Bibliotechka rabotnika raionnogo Soveta)

[THE FIGHTING VANGUARD OF THE SOVIET PEOPLE, visual aid for students of the statutes of the CPSU] Boevoi avangard sovetskogo naroda, nagliadnoe posobie v pomoshch' izuchaiushchim Ustav KPSS [Moskva] Gospolitizdat, 1962. 31 p.

[FORTIETH ANNIVERSARY OF THE FRENCH COMMUNIST PARTY. Translated from the French] Frantsuzskoi Kommunisticheskoi partii 40 let. Moskva, Gos. izd-vo polit. lit-ry, 1961. 81 p. (JCU)

[FORTIETH ANNIVERSARY OF THE MONGOLIAN PEOPLE'S REVOLUTIONARY PARTY, 1921-1961] Sorok let Mongol'skoi narodno-revoliutsionnoi partii, 1921-1961. Moskva, Gospolitizdat, 1961. 23 p. (MH)

FURMANOV, G.L. [V.I. Lenin on the most advanced form of the state] V.I. Lenin o vysshem tipe gosudarstva. Moskva, Vysshaia shkola, 1962. 156 p.

GAL'PERIN, M.IU. [Proletarian internationalism is the ideological foundation for collaboration among socialist states] Proletarskii internatsionalizm - ideinaia osnova sodruzhestva sotsialisticheskikh gosudarstv. Leningrad, Ob-vo po rasprostraneniiu polit. i nauchn. znanii RSFSR, 1959. 35 p. (NNC)

GANIN, N.I. [Expanded advance toward communism] Razvernutym frontom k kommunizmu. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1962. 93 p.

GOMULKA, WLADYSLAW. [Selected articles and speeches, 1959-1961] Izbrannye stat'i i rechi, 1959-1961. Moskva, Gospolitizdat, 1962. 719 p.

GORLOV, P.M. [The Lenin appeal] Leninskii prizyv. [Moskva] Izd-vo Mosk. univ., 1962. 65 p.

[HISTORY OF THE COMMUNIST PARTY OF THE SOVIET UNION] Istoriia Kommunisticheskoi partii Sovetskogo Soiuza. Izd. 2., dop. Moskva, Gospolitizdat, 1962. 703 p.

HOLUBNYCHY, VSEVOLOD. [Constitutional status of the Ukrainian S.S.R.] Do pytannia pro derzhavno-pravnyi status URSR. San Andres, Argentina, "Peremoha," 1956. 14 p. [Publ. under his pseud. Vsevolod Golub]. (NNC)

KALININ, A.I., and M.A. MANASOV. [The front of active struggle, Latin America] Front aktivnoi bor'by, Latinskaia Amerika. Moskva, Izd-vo "Znanie," 1962. 46 p. (Novoe v zhizni, nauke, tekhnike. VII Seriia Mezhdunarodnaia, no. 16)

KARELINA, M.L. [The Bolshevik Party during the Revolution of 1905-1907] Partiia bol'shevikov v revoliutsii 1905-1907 godov. Moskva, 1959. 51 p. (Znanie v massakh) (NNC)

KARNAUKHOV, I.M. [V.I. Lenin's development of Marxist doctrine concerning the proletarian state in the post-October period, 1918-1920] Rozvytok V.I. Leninym marksystskoho vchennia pro proletars'ku derzhavu v pislia zhovtnevyi period, 1918-1920 rr. [Kyiv] Vyd-vo Kyivs'koho univ., 1960. 107 p. (NNC)

KAZAKH S.S.R. Laws, statutes, etc. [Regulations on the village and aul soviets of workers deputies of the Kazakh S.S.R. Adopted by decree of the Presidium of the Supreme Soviet of the Kazakh S.S.R., April 24, 1958] Polozhenie o sel'skom, aul'nom Sovete deputatov trudiashchikhsia Kazakhskoi SSR. Utverzhdeno Ukazom Prezidiuma Verkhovnogo Soveta Kazakhskoi SSR ot 24 aprelia 1958 goda. Alma-Ata, Kazakhskoe gos. izd-vo, 1958. 37 p. [Parallel texts in Kazakh and Russian]

[MICROFILM]

KHALLYEV, B. [Leading and organizing force; from the practice of the party organization on the "Moskva" Collective Farm in Stalino District, Mary Province, Turkmen S.S.R.] Vedushchaia i organizuiushchaia sila, iz opyta raboty partiinoi organizatsii kolkhoza "Moskva" Stalinskogo raiona Maryiskoi oblasti Turkmenskoi SSR. Ashkhabad, Turkmenskoe gos. izd-vo, 1961. 52 p.

KHRUSHCHEV, N.S. [General and complete disarmament is a guarantee of the peace and security of all nations] Vseobshchee i polnoe razoruzhenie - garantiia mira i bezopasnosti vsekh narodov, rech na Vsemirnom kongresse za vseobshchee razoruzhenie i mir 10 iiulia 1962 goda. Moskva, Gospolitizdat, 1962, 47 p.

KOMMUNISTICHESKAIA PARTIIA SOVETSKOGO SOIUZA. 7 Ekstrennyi s'ezd, 1918. [Verbatim report of the Seventh Extraordinary Congress of the Russian Communist Party (Bolshevik), March 1918] Stenograficheskii otchet. Moskva, Gospolitizdat, 1962. 401 p. (Protokoly i stenograficheskie otchety s'ezdov i konferentsii Kommunisticheskoi partii Sovetskogo Soiuza)

KOMMUNISTICHESKAIA PARTIIA SOVETSKOGO SOIUZA. 15 s'ezd, Moscow, 1927. [The 15th Congress of the Communist Party of the Soviet Union, December, 1927. Verbatim report] Stenograficheskii otchet. Moskva, Gospolitizdat, 1961-1962. 2 v. (Protokoly i stenograficheskie otchety s'ezdov i konferentsii Kommunisticheskoi partii Sovetskogo Soiuza)

KOMMUNISTICHESKAIA PARTIIA UZBEKISTANA. 15 s'ezd. Tashkent, 1960. [Verbatim report of the 15th Congress of the Communist Party of Uzbekistan, Tashkent, 1960] Stenograficheskii otchet. Tashkent, Gosizdat Uzbekskoi SSR, 1961. 375 p. (MH) (MiU)

KORNEEV, L.A. [Governmental structure of the Malagasy Republic] Gosudarstvennyi stroi Mal'gashskoi Respubliki. Moskva, Gosiurizdat, 1961. 59 p. (CStmoR)

KREST'IANINOV, V.I. [Public participation in government] Na obshchestvennykh nachalakh. [Moskva] Profizdat, 1962. 76 p. (Bibliotechka profsoiuznogo aktivista, no. 16(12))

MIATIEV, SEHTNAZAR. [Some problems of communist education] Kommunistik terbiesin kebir meseleleri. Ashgabat, Turkmendovletneshri, 1961. 33 p. [In Turkmen]

MINSK. INSTYTUT HISTORYI PARTYI. [Chronicle of the most important events in the history of the Communist Party of White Russia] Khronika vazhneishikh sobytii istorii Kommunisticheskoi partii Belorussii. Minsk, Gos. izd-vo BSSR, Red. sotsial'no-ekon. lit-ry.
Pt. 1. 1883-1918 gg. 1962. 456 p.

MOLOCHKO, A.D. [Relations among the nations of the U.S.S.R. during the period of the expanded building of communism] Natsional'nye otnosheniia v SSSR v period razvernutogo stroitel'stva kommunizma. Minsk, 1962. 30 p. (Obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii Belorusskoi SSR, no. 11)

MOSCOW. AKADEMIIA OBSHCHESTVENNYKH NAUK. [Outline for the course "History and theory of the international communist and labor movement" for evening universities of Marxism-Leninism (history faculty)] Programma kursa "Istoriia i teoriia mezhdunarodnogo kommunisticheskogo i rabochego dvizhenia" dlia vechernikh universitetov marksizma-leninizma; istoricheskii fakul'tet. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1962. 39 p.

MOSCOW. AKADEMIIA OBSHCHESTVENNYKH NAUK. [Program of the study of materials of the 22d Congress of CPSU, for theoretical seminars on foreign policy and the international situation of the U.S.S.R., the development of socialism in the people's democracies and the world-wide liberation movement] Programma izucheniia materialov XXII s'ezda KPSS dlia teoreticheskikh seminarov po vneshnei politike i mezhdunarodnomu polozheniiu SSSR, sotsialisticheskomu stroitel'stvu v stranakh narodnoi demokratii, mirovomu osvoboditel'nomu dvizheniiu. Moskva, 1961. 19 p.

NARODNO-TRUDOVOI SOIUZ. [Program of the National Alliance of Russian Solidarists] Programma Narodno-trudovogo soiuza rossiiskikh solidaristov. [Frankfurt am Main, Possev] 1959. 96 p. (CLU)

NOVOSELOV, S.P. [The most effective force of the present time; the contemporary stage of the world communist movement] Samaia vliiatel'naia sila sovremennosti, mirovoe kommunisticheskoe dvizhenie na sovremennom etape. Moskva, Gospolitizdat, 1962. 78 p.

OLEINIKOV, I.A., and T.F. SIAGAILO. [Party organization of the Chapaev Collective Farm; from work practices] Partiinaia organizatsiia kolkhoza imeni Chapaeva, iz opyta raboty. [Stalingrad] Stalingradskoe knizhnoe izd-vo, 1960. 62 p. (MH)

PAKHOMOV, I.N. [The work of district soviets in the field of industry and commerce] Deiatel'nost' raionnogo Soveta v oblasti promyshlennosti i torgovli. Otv. red. B.M. Babii. Moskva, Gosiurizdat, 1962. 54 p. (Bibliotechka rabotnika raionnogo Soveta)

POTARIKINA, L.L. [The work of district soviets in the field of public health and social insurance] Deiatel'nost' raionnogo Soveta v oblasti zdravookhraneniia i sotsial'nogo obespecheniia. Otv. red. B.M. Babii. Moskva, Gosiurizdat, 1962. 62 p. (Bibliotechka rabotnika raionnogo Soveta)

RAZNATOVSKII, I.M. [Sessions of the district soviets of workers' deputies] Sessii raionnogo Soveta deputatov trudiashchikhsia. Otv. red. B.M. Babii. Moskva, Gosiurizdat, 1962. 63 p. (Bibliotechka rabotnika raionnogo Soveta)

RIABCHUK, G.F. [Work of district soviets in the field of dwelling construction and civic improvement] Deiatel'nost' raionnogo Soveta v oblasti zhilishchnogo stroitel'stva i blagoustroistva. Otv. red. B.M. Babii. Moskva, Gosiurizdat, 1962. 58 p. (Bibliotechka rabotnika raionnogo Soveta)

RUSSIA (1917- R.S.F.S.R.) Verkhovnyi Sovet. [Meetings of the Fifth Supreme Soviet of the R.S.F.S.R., sixth session, July 24-25, 1962. Verbatim report] Zasedaniia Verkhovnogo Soveta RSFSR piatogo sozyva, shestaia sessiia (24-25 iiulia 1962 g. Stenograficheskii otchet. [Moskva] Izd. Verkhovnogo Soveta RSFSR, 1962. 220 p.

SEMINAR-SOVESHCHANIE NA TEMU: "SOVETSKOE ZAKAVKAZ'E V BRATSKOI SEM'E NARODOV SSSR," Baku, 1961. [Materials of an interrepublic conference on "Soviet Transcaucasia in the fraternal family of Soviet peoples."] Materialy. Baku, Azerbaidzhanskoe gos. izd-vo, 1961. 362 p.

SHRAGIN, V.O. [Strauss means "war."] Shtraus - "voina." Moskva, Gospolitizdat, 1962. 29 p.

SHYRIAIEV, IU.I. [Flourishing and cooperation of Soviet socialist nations] Rozkvit i spivrobitnytstvo radians'kykh sotsialistychnykh natsii. Kyiv, Vyd-vo Akad. nauk URSR, 1960. 94 p.
(WU)

SLOEV, V.P. [Communists guide and direct] Kommunisty vedut. Moskva, Izd-vo "Morskoi transport," 1959. 118 p.
(NNC)

SMOL'IAKOV, V.G. [Problems of the development of the Soviet state in the resolutions of the Ninth All-Russian Congress of Soviets] Voprosy gosudarstvennogo stroitel'stva v resheniiakh IX Vserossiiskogo s'ezda Sovetov. [Moskva] Izd-vo Mosk. univ., 1962. 84 p.

SOBAKIN, V.K. [Collective security is a guarantee of peaceful coexistence] Kollektivnaia bezopasnost' - garantiia mirnogo sosushchestvovaniia. Moskva, Izd-vo IMO, 1962. 617 p.

SOBOLIEVA, M.D., and A.D.ZALIEVS'KYI. [First All-Ukrainian Congress of the Communist Party of the Ukraine] Persha Vseukrains'ka narada KP(b)U. Kyiv, Derzh. vyd-vo polit. lit-ry URSR, 1961. 112 p. (Z'izdy i konferentsii Komunistychnoi partii Ukrainy)

TOLSTAIA, A.L. [Appeal of free Russians to the free world, May 1st, 1959] Obrashchenie svobodnykh rossiian k svobodnomu miru, pervogo maia 1959 g. [New York, 1959] 19 p.
(CLU)

TSAMERIAN, I.P. [New era in the development of national relations in the U.S.S.R.] Novyi etap v razvitii natsional'nykh otnoshenii v SSSR [Moskva] Mosk. rabochii, 1962. 67 p.
(CSt-H)

TSENTRAL'NE PREDSTAVNYTSTVO UKRAINS'KOI EMIGRATSII. [Statutes of the Committee of Representatives of Ukrainian Emigrès, Ukrainian Relief Committee in Germany and regulations on the election of local (county) and province members of the Central Committee of Representatives of Ukrainian Emigrès] Statut Predstavnytstva ukrains'koi emigratsii - Ukrains'koho dopomohovoho komitetu v Nimechchyni ta vybornyi pravyl'nyk dlia vyboriv mistsevykh (povitovykh) i oblasnykh rad chleniv Holovnoi rady TsPUE. [Augsburg] 1948. 39 p.
(NNC)

TVOROGOV, B.A. [Party assignments] Partiinye poruchenita. [Moskva] Mosk. rabochii, 1962. 30 p. (Bibliotechka sekretaria partorganizatsii)

[THE U.S.S.R. AND BULGARIA ARE TOGETHER FOREVER, a visit of the representatives of the Soviet government and the party headed by the First Secretary of the Central Committee of the CPSU and Chairman of the Council of Ministers of the U.S.S.R. Comrade N.S. Khrushchev to the People's Republic of Bulgaria, May 14-20, 1962] SSSR i Bolgariia navsegda vmeste, prebyvanie sovetskoi partiino pravitel'stvennoi delegatsii vo glave s Pervym sekretarem TSentral'nogo Komiteta Kommunisticheskoi partii Sovetskogo Soiuza, Predsedatelem Soveta Ministrov SSSR tovarishchem N.S. Khrushchevym v Narodnoi Respublike Bolgarii, 14-20 maia 1962. goda. Moskva, Gospolitizdat, 1962. 149 p.

UKHOV, G.V. [What the party requires from the Communist] Chego partiia trebuet ot kommunista. [Moskva] Mosk. rabochii, 1962. 77 p.

UKRAINS'KA REVOLIUTSIINO DEMOKRATYCHNA PARTIIA. [Statutes of the Ukrainian Revolutionary Democratic Party (URDP) corrected and approved by the Third Congress of URDP, May 28-29, 1949] Statut Ukrains'koi revoliutsiino demokratichnoi partii (URDP) skorehovanyi i zatverdzhenyi Tretim z'izdom URDP, 28-29 travnia 1949 roku. [Munich?] 1949. 13 p.
(NNC)

VASIL'EV, D., V.KUKUSHKIN, and G.SAFRONOV. [Happiness in work; members of the Krasnoyarsk Territory Communist Youth League in the years of postwar five-year plans] Schast'e v trude; komsomol'tsy Krasnoiarskogo kraia v gody poslevoennykh piatiletok. [Krasnoiarsk] Krasnoiarskoe knizhnoe izd-vo, 1960. 78 p.
(MH)

VILNA. PARTIJOS ISTORIJOS INSTITUTAS. [Lithuanian Communist Youth] Lietuvos komjaunimas;straipsniu rinkinys. Vilnius, Politines ir mokslines literaturos leidykla, 1962. 562 p. [In Lithuanian]

7. LAW

ARMENIAN S.S.R. Laws, statutes, etc. [Regulations on fellow workers' courts] Polozhenie o tovarishcheskikh sudakh. Erevan, 1961. 23 p. [Parallel texts in Armenian and Russian]
[MICROFILM]

BAISALOV, S.B., and M.S.SAKHIPOV. [Legal forms of the organization of work and the tightening of labor discipline on the collective farms of the Kazakh S.S.R.] Pravovye formy organizatsii i ukrepleniia distsipliny truda v kolkhozakh Kazakhskoi SSR. Alma-Ata, Izd-vo Akad. nauk Kazakhskoi SSR, 1962. 235 p.

ERSHOVA, N.M. [Guardianship and wardship of adults] Opeka i popechitel'stvo nad vzroslymi. Moskva, Gosiurizdat, 1962. 41 p.

KALINICHENKO, N.S. [What our workers should know about labor law] Chto nuzhno znat' rabochemu o trudovom zakonodatel'stve. [Kaluga] Kaluzhskoe knizhnoe izd-vo, 1962. 73 p.

MAIDANIK, L.A., and N.IU. SERGEEVA. [Liability for injuries to health] Material'naia otvetstvennost' za povrezhdenie zdorov'ia. Moskva, Gosiurizdat, 1962. 230 p.

MASEVICH, M.G., N.G. MURZIN, and B.V. POKROVSKII. [Legal problems in supplying the enterprises of regional economic councils with materials and equipment] Pravovye voprosy material'no-tekhnicheskogo snabzheniia predpriiatii sovnarkhozov. Alma-Ata, Izd-vo Akad. nauk Kazakhskoi SSR, 1962. 257 p.

MERKEL', E.V. [Soviet administrative, civil, and labor law; practical exercises for the correspondence students of the Friedrich Engels Institute of Soviet Commerce in Leningrad] Sovetskoe administrativnoe, grazhdanskoe i trudovoe pravo; sbornik prakticheskikh upriazhnenii dlia studentov zaochnogo otdeleniia Leningradskogo instituta sovetskoi torgovli im. Fr. Engel'sa. Leningrad, Leningr. in-t sovetskoi torgovli im. Fr. Engel'sa, 1962. 86 p.

ONIPKO, N.Z., and P.M. PETRENKO. [How public prosecutors supervise the observance of laws by economic councils] Prokurorskii nadzor za sobliudeniem zakonnosti v deiatel'nosti sovnarkhozov. Otvet. red. G.P. Toropov. Moskva, Gosiurizdat, 1962. 56 p.

POCHKAEVA, M.V. [Legal problems relating to economic cooperation among the members of the United Nations, the United Nations Economic Commission for Europe] Pravovye voprosy ekonomicheskogo sotrudnichestva gosudarstv v sisteme OON, Ekonomicheskaia Komissiia OON dlia Evropy. Moskva, Gosiurizdat, 1962. 74 p.

POTIUKOV, A.G. [Judicial practice in the examination of housing conflicts] Zhilishchnye spory v sudebnoi praktike [Leningrad] Izd-vo Leningr. univ., 1962. 81 p.

[PRINCIPLES OF THE SOVIET STATE AND LAW; a textbook for the historical and philological faculties of pedagogical institutes] Osnovy Sovetskogo gosudarstva i prava, uchebnik dlia istoriko-filologicheskikh fakul'tetov pedagogicheskikh institutov. Moskva, Uchpedgiz, Moskva, 1962. 422 p.

RUSSIA (1917- R.S.F.S.R.) Laws, statutes, etc. [Regulations on fellow workers' courts] Polozhenie o tovarishcheskikh sudakh. Moskva, Gosiurizdat, 1962. 7 p.

RUSSIA (1917- R.S.F.S.R.) Ministerstvo torgovli. [Manual of the manager of a public food-serving establishment] Spravochnik rukovoditelia predpriiatiia obshchestvennogo pitaniia. Sost. K.M. Mukhina, V.I. Trukhtanova. Izd. 2., perer. i dop. Moskva, Gostorgizdat, 1962. 503 p.

SAPOZHNIKOV, I.A., comp. [Socialist legality, a collection of important documents] O sotsialisticheskoi zakonnosti; sbornik vazhneishikh dokumentov. Alma-Ata, Kazgosizdat, 1962. 293 p.

TUNKIN, G.I. [Problems of the theory of international law] Voprosy teorii mezhdunarodnogo prava. Moskva, Gosiurizdat, 1962. 329 p.

TURKMEN S.S.R. Laws, statutes, etc. [Chronological collection of the laws of the Turkmen S.S.R., decrees of the Presidium of the Supreme Soviet, regulations and orders of the Government of the Turkmen S.S.R.] Khronologicheskoe sobranie zakonov Turkmenskoi SSR, ukazov Prezidiuma Verkhovnogo Sovela, postanovlenii i rasporiazhenii pravitel'stva Turkmenskoi SSR. Ashkhabad, Turkmenskoe gos. izd-vo.
Vols. 1-4. 1960.
(MH)

URMANOVA, R.K., and N.V. TEIKH. [Constitution of the Uzbek S.S.R.; a textbook for the tenth grade] Konstitutsiia Uzbekskoi SSR; uchebnoe posobie dlia 10 klassa. Tashkent, Gos. izd-vo "Srednaia i vysshaia shkola" UzSSR, 1961. 53 p.

USMANOV, O. [Present-day contracts of retail sale and purchase in state commerce] Dogovor roznichnoi kupli-prodashi v gosudarstvennoi torgovle na sovremennom etape. Stalinabad, Tadzhikskii gos. univ. im. V.I. Lenina, 1960. 53 p.

VILKOV, G.E. [Nationalization and international law] Natsionalizatsiia i mezhdunarodnoe pravo. Moskva, Izd-vo IMO, 1962. 134 p.

ZHUKOVA, L. F., and G. M. IAMENFEL'D. [Fundamentals of Soviet civil and labor law] Osnovy sovetskogo grazhdanskogo i trudovogo prava. Pod red. K. A. Grave. Moskva, Vysshaia shkola, 1962. 313 p.

8. EDUCATION

AKADEMIIA PEDAGOGICHESKIKH NAUK RSFSR, Moscow. Institut teorii i istorii pedagogiki. [Archives of K. D. Ushinskii] Arkhiv K. D. Ushinskogo. Moskva, Akad. pedagog. nauk RSFSR.
Vol. 4. [Early works of the first decade of K. D. Ushinskii's scientific-literary activities, 1846-1856] Rannie raboty pervogo desiatiletiia nauchno-literaturnoi deiatel'nosti K. D. Ushinskogo, 1846-1856 gg. 1962. 718 p.

AVERBAKH, IU., ed. [Chess endings, queen, rook against a minor piece] Shakhmatnye okonchaniia, ferzevye, ladi'ia protiv legkoi figury. Moskva, Fizkul'tura i sport, 1962. 335 p.

AZAROV, IU. P. [Feeling, technique and craftsmanship] Chuvstvo, tekhnika, masterstvo. Moskva, Izd-vo "Znanie," 1962. 31 p. (Novoe v zhizni, nauke, tekhnike. XI Seriia: Pedagogika, no. 20)

[CHILDREN'S SECTION OF A CLUB] Detskii sektor kluba. [Moskva] Profizdat, 1962. 79 p. (Bibliotechka klubnogo rabotnika "Rabochii klub")

DEKHOTI, A. [Reader for the first grade] Kitobi khonish baroi sinfi lakūm. Stalinobad, Nashrieti davlatii adabieti ta"limipedagogii vazorati maorifi RSS Tochikiston, 1961. 145 p. [In Tajik]

DOBROVOL'SKII, V. K. [It's not too late, the prophylactic role of physical culture and sports] Poka ne pozdno, profilakticheskaia rol' fizicheskoi kul'tury i sporta. Moskva, Izd-vo "Znanie," 1962. 30 p. (Novoe v zhizni, nauke, tekhnike. VIII Seriia: Biologiia i meditsina, no. 18)

GEL'FAN, E. M. [Games and exercises for the little and the big; training of children in play] Igry i uprazhneniia dlia malen'kikh i bol'shikh; vospitanie detei v igre. Pod red. L. V. Blagonadezhinoi. Moskva, Izd-vo Akad. pedagog. nauk RSFSR, 1961. 63 p. (Knigi dlia roditelei)

GVOZDEV, A. N. [Problems in the study of children's speech] Voprosy izucheniia detskoi rechi. Moskva, Izd-vo Akad. pedagog. nauk RSFSR, 1961. 471 p. (CLU)

IDASHKIN, IU. V., and O. A. KONOPKIN. [How to overcome absent-mindedness] Kak pobedit' rasseiannost'. Moskva, Izd-vo "Znanie," 1962. 31 p. (Novoe v zhizni, nauke, tekhnike. XI Seriia: Pedagogika, no. 19)

KOLOSOVA, K. A., ed. [In step with life, from work practices of party organizations in schools of the Ukrainian S. S. R.] V nohu z zhyttiam, z dosvidu roboty partiinykh organizatsii shkil Ukrains'koi RSR. Uporiadkuvav S. P. Zavoloka. Kyiv, Radians'ka shkola, 1961. 217 p.

KRAPIVNTSEVA, S. I., and others. [Adolescents' capacity for work and the work schedule of production training] Rabotosposobnost' podrostkov i rezhim truda pri proizvodstvennom obuchenii. Moskva, Proftekhizdat, 1962. 109 p.

LATVIAN S. S. R. Statistikas parvaldo. [Culture in Latvia; a statistical manual] Latvijas PSR kulturas celtnieciba; statistisko datu krajums. Kul'turnoe stroitel'stvo Latviiskoi SSR; statisticheskii sbornik. Riga, Latvijas Valsts izdevnieciba, 1957. 171 p. (chiefly tables) [In Latvian and Russian]
(WU)

LENINGRAD. INSTITUT INZHENEROV ZHELEZNODOROZHNOGO TRANSPORTA. [V. N. Obraztsov Order of Lenin Institute of Railroad Transportation Engineers in Leningrad, 1809-1959] Leningradskii ordena Lenina institut inzhenerov zheleznodorozhnogo transporta imeni akademika V. N. Obraztsova, 1809-1959. Moskva, Vses. izdatel'sko-poligraficheskoe ob"edinenie M-va putei soobshcheniia, 1960. 387 p. illus.
(MH)

[LET'S RAISE THE LEVEL OF THE TEACHING OF THE SOCIAL SCIENCES] Darachai ta"limi ilmkhoi chamiiatshinosiro baland barderem. Stalinobod, Nashrieti davlatii tochikiston, 1961. 236 p. [In Tajik]

LUKIN, IU. A. [Role of Soviet literature in the communist education of workers] Rol' sovetskoi literatury v kommunisticheskom vospitanii trudiashchikhsia. Moskva, Ob-vo po rasprostraneniiu polit i nauchnykh znanii RSFSR, 1960. 31 p.
(NNC)

MAKAROVSKII, E. I., ed. [Development of culture in Vologda Province] Kul'turnoe stroitel'stvo v Vologodskoi oblasti; sbornik statei. Vologda, Obl knizhnaia red., 1958. 157 p. illus.
(NNC)

MARKOVICH, L. IU., and V. L. SECHKIN, comps. [Tables for evaluating results in track athletics] Tablitsy otsenki rezul'tatov v legkoi atletike. Odobreny Federatsiei legkoi atletiki SSSR. Moskva, Izd-vo "Fizkul'tura i sport," 1962. 294 p.

MOSCOW. AKADEMIIA OBSHCHESTVENNYKH NAUK. [Course outlines on the history of philosophy, dialectical and historical materialism, history of atheistic theories, fundamentals of scientific atheism, history of ethical theories, fundamentals of Marxist-Leninist ethics and theory, communist education, history of aesthetic theories, fundamentals of Marxist-Leninist aesthetics for evening universities of Marxism-Leninism; philosophical faculties] Programmy po istorii filosofii, dialekticheskomu i istoricheskomu materializmu, istorii ateisticheskikh uchenii, osnovam nauchnogo ateizma, istorii eticheskikh uchenii, osnovam marksistsko-leninskoi etiki i teorii kommunisticheskogo vospitaniia, istorii esteticheskikh uchenii, osnovam marksistsko-leninskoi estetiki dlia vechernikh universitetov marksizma-leninizma (filosofskie fakul'taty). Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1962. 259 p.

MOSCOW. AKADEMIIA OBSHCHESTVENNYKH NAUK. [Fundamentals of communist education; teacher's aid] Osnovy kommunisticheskogo vospitaniia; uchebnoe posobie. 2. izd. Moskva, Gospolitizdat, 1962. 447 p.

MOSCOW. Otdel narodnogo obrazovaniia. [Handbook for admission to the 9th grade of secondary general technical schools with vocational instruction] Spravochnik dlia postupaiushchikh v 9-e klassy srednikh obshcheobrazovatel'nykh trudovykh politekhnicheskikh shkol s proizvodstvennym obucheniem. Moskva, 1962. 39 p.

NAUCHNAIA KONFERENTSIIA PO PROBLEME "KOMMUNISTICHESKOE VOSPITANIE TRUDIASHCHIKHSIA V PERIOD RAZVERNUTOGO STROITEL'STVA KOMMUNIZMA, Novosibirsk, 1961. [Materials of the conference on the problem of "Communist education of workers in the period of the large-scale building of communism."] Materialy. Novosibirsk, Izd-vo Sibirskogo otd-niia AN SSSR.
No. 3. [Aesthetic education of workers] Esteticheskoe vospitanie trudiashchikhsia. 1962. 106 p.
No. 5. [Morality and moral education] Nravstvennost' i nravstvennoe vospitanie. 1962. 168 p.

PCHELKO, A. S., and G. B. POLIAK. [Arithmetic; textbook for grade 2] Arifmetika; uchebnik dlia 2-go klassa. Izd. 8, ispr. Moskva, Gos. uchebno-pedagog. izd-vo, 1961. 143 p.
(CU)

PCHELKO, A. S., and G. B. POLIAK. [Arithmetic; textbook for the fourth grade of elementary schools] Arifmetika; uchebnik dlia 4-go klassa nachal'noi shkoly. Izd. 6., perer. Moskva, Gos. uchebno-pedagog. izd-vo, 1960. 182 p.
(TNJ)

PCHELKO, A. S., and G. B. POLIAK. [Arithmetic, textbook for the second grade of elementary schools] Arifmetika; uchebnik dlia 2-go klassa nachal'noi shkoly. Izd. 6. Moskva, Gos. uchebno-pedagog. izd-vo, 1959. 120 p.
(TNJ)

PCHELKO, A. S., and G. B. POLIAK. [Arithmetic; textbook for the third grade of elementary schools] Arifmetika; uchebnik dlia 3-go klassa nachal'noi shkoly. Izd. 6., perer. Moskva, Gos. uchebno-pedagog. izd-vo, 1960. 159 p.
(TNJ)

[PHYSICAL CULTURE CALENDAR FOR 1962] Fizkulturiesa kalendars 1962 gadam. Riga, Latvijas Valsts izdevnieciba, 1962. 223 p. [In Latvian]

ROZANTSEV, S. N. [Children's playgrounds at apartment houses] Pridomovye detskie ploshchadki. Izd. 2., dop. Moskva, Izd-vo M-va kommun. khoz. RSFSR, 1961. 28 p.
(CLU)

ROZHANSKII, IU. V., comp. [Equipment for the underwater sportsman] Snariazhenie sportsmena-podvodnika. Moskva, Izd-vo DOSAAF, 1962. 135 p. (V pomoshch' sportsmenu-podvodniku)

RUSSIA (1917- R. S. F. S. R.) Ministerstvo prosveshcheniia. [Programs for grades 5-8 of the evening (staggered) secondary general school, foreign languages, English, German and French] Programmy V - VIII klassov vechernei (smennoi) srednei obshcheobrazovatel'noi shkoly, inostrannye iazyki: angliiskii, nemetskii, frantsuzskii. Moskva, Uchpedgiz, 1962. 36 p.

RUSSIA (1917- R. S. F. S. R.) Ministerstvo prosveshcheniia. [Programs for grades 5-8 of the evening (staggered) secondary general school; the Russian language and literature] Programmy V - VIII klassov vechernei (smennoi) srednei obshcheobrazovatel'noi shkoly, russkii iazyk i literatura. Moskva, Uchpedgiz, 1962. 55 p.

RUSSIA (1917- R.S.F.S.R.) Ministerstvo prosveshcheniia. [Programs of secondary schools with industrial training, fundamentals of production (for nonindustrial occupations)] Programmy srednei shkoly s proizvodstvennym obucheniem, osnovy proizvodstva (dlia neproizvodstvennykh professii). Moskva, Uchpedgiz, 1962. 22 p.

RUSSIA (1917- R.S.F.S.R.) Ministerstvo prosveshcheniia. [Programs of secondary schools with industrial training; general technical subjects] Programmy srednei shkoly s proizvodstvennym obucheniem, obshchetekhnicheskie predmety. Moskva, Uchpedgiz, 1962. 26 p.

RUSSIA (1917- R.S.F.S.R.) Ministerstvo prosveshcheniia. [Programs of secondary schools with industrial training, occupation of a grinder] Programmy srednei shkoly s proizvodstvennym obucheniem; professiia - shlifovshchik. Moskva, Uchpedgiz, 1962. 45 p.

RUSSIA (1917- R.S.F.S.R.) Ministerstvo prosveshcheniia. [Programs of secondary schools with industrial training, occupation of a milling-machine operator] Programmy srednei shkoly s proizvodstvennym obucheniem, professiia - frezerovshchik. [Moskva] Uchpedgiz, 1962. 36 p.

RUSSIA (1917- R.S.F.S.R.) Ministerstvo prosveshcheniia. [Programs of secondary schools with industrial training; occupation of a weaver] Programmy srednei shkoly s proizvodstvennym obucheniem; professiia - tkach. [Moskva] Uchpedgiz, 1962. 30 p.

RUSSIA (1917- R.S.F.S.R.) Ministerstvo prosveshcheniia. [Programs of the eight-year school; biology] Programmy vos'miletnei shkoly, biologiia. Moskva, Uchpedgiz, 1962. 60 p.

RUSSIA (1917- R.S.F.S.R.) Ministerstvo prosveshcheniia. [Programs of the eight-year school, chemistry] Programmy vos'miletnei shkoly, khimiia. Moskva, Uchpedgiz, 1962. 17 p.

RUSSIA (1917- R.S.F.S.R.) Ministerstvo prosveshcheniia. [Programs of the eight-year school; elementary grades] Programmy vos'miletnei shkoly; nachal'nye klassy. Moskva, Uchpedgiz, 1962. 182 p.

RUSSIA (1917- R.S.F.S.R.) Ministerstvo prosveshcheniia. [Programs of the eight-year school, mathematics] Programmy vos'miletnei shkoly, matematika. Moskva, Uchpedgiz, 1962. 28 p.

RUSSIA (1917- R.S.F.S.R.) Ministerstvo prosveshcheniia. [Programs of the eight-year school, physical education and training] Programmy vos'miletnei shkoly, fizicheskaia kul'tura. Moskva, Uchpedgiz, 1962. 75 p.

RUSSIA (1917- R.S.F.S.R.) Ministerstvo prosveshcheniia. [Programs of the eight-year school; physics] Programmy vos'miletnei shkoly; fizika. Moskva, Uchpedgiz, 1962. 28 p.

RUSSIA (1917- R.S.F.S.R.) Ministerstvo prosveshcheniia. [Secondary school programs for the 1962-1963 school year; biology] Programmy srednei shkoly na 1962/63 uchebnyi god; biologiia. Moskva, Uchpedgiz, 1962. 21 p.

RUSSIA (1917- R.S.F.S.R.) Ministerstvo prosveshcheniia. [Secondary school programs for the 1962-1963 school year; chemistry] Programmy srednei shkoly na 1962/63 uchebnyi god; khimiia. Moskva, Uchpedgiz, 1962. 21 p.

RUSSIA (1917- R.S.F.S.R.) Ministerstvo prosveshcheniia. [Secondary school programs for the 1962-1963 school year, foreign languages, English, German and French. Grades 9 and 10] Programmy srednei shkoly na 1962/1963 uchebnyi god, inostrannye iazyki angliiskii, nemetskii, frantsuzskii. IX-X klassy. Moskva, Uchpedgiz, 1962. 37 p.

RUSSIA (1917- R.S.F.S.R.) Ministerstvo prosveshcheniia. [Secondary school programs for the 1962-1963 school year, geography] Programmy srednei shkoly na 1962/63 uchebnyi god, geografiia. Moskva, Uchpedgiz, 1962. 28 p.

RUSSIA (1917- R.S.F.S.R.) Ministerstvo prosveshcheniia. [Secondary school programs for the 1962-1963 school year, literature, grades 9 and 10] Programmy srednei shkoly na 1962/63 uchebnyi god, literatura, IX-X klassy. Moskva, Uchpedgiz, 1962 30 p.

RUSSIA (1917- R.S.F.S.R.) Ministerstvo prosveshcheniia. [Secondary school programs for the 1962-1963 school year, mathematics] Programmy srednei shkoly na 1962/63 uchebnyi god, matematika. Moskva, Uchpedgiz, 1962 27 p.

RUSSIA (1917- R.S.F.S.R.) Ministerstvo prosveshcheniia. [Secondary school programs for the 1962-1963 school year, mechanical drawing] Programmy srednei shkoly na 1962/63 uchebnyi god, chercheniie. Moskva, Uchpedgiz, 1962. 12 p.

RUSSIA (1917- R.S.F.S.R.) Ministerstvo prosveshcheniia. [Secondary school programs for the 1962-1963 school year, physics and astronomy] Programmy srednei shkoly na 1962/63 uchebnyi god, fizika, astronomiia. Moskva, Uchpedgiz, 1962. 36 p.

RUSSIA (1917- R.S.F.S.R.) Ministerstvo prosveshcheniia. Programmno-metodicheskoe upravlenie. [Secondary school programs for the 1962-1963 school year; physical education and training] Programmy srednei shkoly na 1962/63 uchebnyi god, fizicheskaia kul'tura. Moskva, Uchpedgiz, 1962 28 p.

RUSSIA (1917- R.S.F.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. [Handbook of the institutions of higher learning of the Ministry of Higher and Secondary Specialized Education of the R.S.F.S.R.] Obzornyi spravochnik vysshikh uchebnykh zavedenii Ministerstva vysshego i srednego spetsial'nogo obrazovaniia RSFSR. [Moskva] Rosvuzizdat, 1962. 325 p.

RUSSIA (1917- R.S.F.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. [What to be and where to go to study; handbook for admission to secondary specialized schools of the R.S.F.S.R. in 1962] Kem byt', kuda poiti uchit'sia; spravochnik dlia postupaiushchikh v srednie spetsial'nye uchebnye zavedeniia RSFSR v 1962 godu. [Moskva] Rosvuzizdat, 1962. 449 p.

RUSSIA (1923- U.S.S.R.) Upravlenie prepodavaniia obshchestvennykh nauk. [Sample topics for tests and term papers on dialectical and historical materialism; for higher correspondence schools and correspondence departments of institutions of higher learning] Primernaia tematika kontrol'nykh i kursovykh rabot po dialekticheskomu i istoricheskomu materializmu; dlia zaochnykh vysshikh uchebnykh zavedenii i zaochnykh otdelenii vuzov. Moskva, Gospolitizdat, 1962. 87 p.

[SECONDARY SCHOOL PROGRAMS ON THE FUNDAMENTALS OF PRODUCTION AND PRACTICAL WORK, for grades 9 and 10 of the 1961-1962 school year] Programmahoi maktabhoi miena baroi soli takhsili 1961-1962 asoskhoi istekhsolot va tachribai istekhsolot dar sinfhoi IX - X Stalinobod, Nashrieti davlatii adabieti ta'limi-pedagogii vazorati maorifi RSS Tochikiston, 1961. 84 p. [In Tajik]

SHEVCHENKO, I. N. [Arithmetic; textbook for grades five and six of the eight-year and secondary schools] Arifmetika, uchebnik dlia 5 i 6 klassov vos'miletnei i srednei shkoly. Izd. 5., perer. Moskva, Gos. uchebno-pedagog. izd-vo, 1960. 214 p. (TNJ)

SHIBANOV, A. A. [Polytechnic and practical training in the rural schools] Politekhnicheskoe i proizvodstvennoe obuchenie v sel'skoi shkole. Izd 4., perer. i dop. Moskva, Izd-vo Akad. pedagog. nauk RSFSR, 1962. 309 p. (DNAL)

SOIUZ SPORTIVNYKH OBSHCHESTV I ORGANIZATSII SSSR. [Regulations.... Adopted by the All-Union Constituent Conference of April 18, 1959] Ustav.... Priniat Vsesoiuznoi uchreditel'noi konferentsiei 18 aprelia 1959 g. [n. p., n. d.] 14 p. [MICROFILM]

SOIUZ SPORTIVNYKH OBSHCHESTV I ORGANIZATSII SSSR. TSentral'nyi sovet. [Small-arms firing, rules of competition] Pulevaia strel'ba; pravila sorevnovanii. Moskva, Izd-vo "Fizkul'tura i sport," 1962. 101 p.

SOIUZ SPORTIVNYKH OBSHCHESTV I ORGANIZATSII SSSR. TSentral'nyi sovet. [Track, competition rules] Legkaia atletika, pravila sorevnovanii. Moskva, Fizkul'tura i sport, 1962. 131 p.

TASHKENT. INSTITUT PEDAGOGICHESKIKH NAUK. [Eight-year school programs for the 1961-1962 school year; the Russian language in Uzbek schools (grades 2-8), Russian literature in Uzbek schools (grades 5-8)] Programmy vos'miletnei shkoly na 1961/62 god. Russkii iazyk v uzbekskoi shkole (2-8 klassy), russkaia literatura v uzbekskoi shkole (5-8 klassy). Tashkent, Srednaia i vysshaia shkola, 1961. 69 p. (Shkol'nye programmy)

USOVA, A. P. [Play and organization of a child's life, methodological instructions] Igra i organizatsiia zhizni detei, metodicheskie ukazaniia. Moskva, Uchpedgiz, 1962. 37 p.

UZBEK S.S.R. Ministerstvo prosveshcheniia. Uchebno-metodicheskii kabinet. [Programs for native language and literature courses for grades 5-8] Kechki (smenali) urta umumii ta'lim maktablari uchun programmalar; ona tili va adabiet V-VIII sinflar. Toshkent, "Urta va olii maktab," 1961. 71 p. [In Uzbek]

VOINOVA, A. D. [Development of the purity of intonation in the singing of preschool children] Razvitie chistoty intonatsii v penii doshkol'nikov. Moskva, Izd-vo Akad. pedagog. nauk RSFSR, 1960. 137 p. (CLU)

ZANKOV, L. V., and N. V. KUZNETSOVA. [Teaching arithmetic in the first grade] Iz opyta obucheniia arifmetike v I klasse. Moskva, Uchpedgiz, 1961. 111 p. (CLU)

ZINKO, VASYL'. [Ukrainian schools in Brazil, historical and legal study] Ridna shkola u Brazylii, istorychno-pravnyi narys. Prudentopolis, Vyd-vo OO. Vasyliian, 1960. 244 p. (IU)

9. MUSIC, THEATER & MOTION PICTURES

AIZENSHTADT, V. [Russian Soviet dramaturgy of the first years after the October Revolution, lecture for students on the course "History of theatrical art."] Russkaia sovetskaia dramaturgiia pervykh let Oktiabria, lektsiia dlia studentov po kursu "Istoriia teatral'nogo iskusstva. Khar'kov, M-vo kul'tury USSR, 1961. 35 p. (MH)

AKADEMIIA NAUK URSR, Kiev. Instytut mystetstvoznavstva, fol'kloru ta etnografii. [Ukrainian folk dances] Ukrains'ki narodni tantsi. Kyiv, Akad. nauk USSR, 1962. 359 p. (MH)

AKIMOV, N. P. [On the theater] O teatre. Leningrad, Iskusstvo, 1962. 350 p. (MH)

BABYSHKIN, O. K., ed. [Oleksandr Dovzhenko, a collection of reminiscences and articles about the artist] Oleksandr Dovzhenko, zbirnyk spohadiv i statei pro mytsia. Kyiv, Derzh. vyd-vo obrazotvorchoho mystetstva i muzychnoi lit-ry URSR, 1959. 249 p. (MH)

BALAKIREV, M. A. [Reminiscences and letters] Vospominaniia i pis'ma. Leningrad, Muzgiz, 1962. 477 p.

BARDIAN, F., ed. [Lights of the arena, articles on the circus] Ogni manezha; stat'i o tsirke. [Moskva] Iskusstvo, 1961. 124 p. (MH)

BARENBOIM, L. A. [Anton Grigor'evich Rubinshtein, life, artistic path, work, musical and public activities] Anton Grigor'evich Rubinshtein; zhizn', artisticheskii put', tvorchestvo, muzykal'no-obshchestvennaia deiatel'nost'. Leningrad, Muzgiz. Vol. 2. 1867-1894. 1962. 490 p.

BLOK, VLADIMIR. Petr Kazbekovich TSirikhov. Ordzhonikidze, Severo-Osetinskoe knizhnoe izd-vo, 1960. 31 p. illus. (Mastera stseny) (MH)

GAUDRIMAS, IU. K. [Musical culture of Soviet Lithuania, 1940-1960] Muzykal'naia kul'tura Sovetskoi Litvy, 1940-1960, ocherk. Leningrad, Sovetskii kompozitor, 1961. 138 p.

GROSHEVA, E. A. [The Bolshoi Theater of the U.S.S.R. in the past and at present] Bol'shoi teatr SSSR v proshlom i nastoiashchem. Moskva, Sovetskii kompozitor, 1962. 96 p. (V pomoshch' slushateliam narodnykh universitetov kul'tury. Besedy o muzyke)

IL'INSKII, I. V. [About myself] Sam o sebe. Moskva, Vserossiiskoe teatral'noe ob-vo, 1961. 370 p. illus. (MH)

JURISSON, JOHANNES. [Ancient music; the origin and development of music before the Renaissance] Vanast muusikast, muusika tekkimisest ja arengust kuni renessansiajastuni. Tallinn, Eesti Riiklik Kirjastus, 1961. 58 p. (Kultuuriulikool) [In Estonian]

KHANIUTIN, IU. M. Sergei Bondarchuk. Moskva, Iskusstvo, 1962. 179 p. (Mastera kinoiskusstva) (MH)

[KING CORN, repertory for rural propaganda brigades] Bogatyrskoe zerno, repertuar dlia sel'skikh agitbrigad. [Moskva] Molodaia gvardiia, 1961. 60 p.

KUZNETSOVA, A. S. [Maksim from Kol'tsovka, a tale about a People's Artist] Maksim iz Kol'tsovki, povest' o Narodnom artiste. Cheboksary, Chuvashskoe gos. izd-vo, 1962. 270 p.

LEVASHEVA, O. E. [Edvard Grieg; a study of his life and works] Edvard Grig, ocherk zhizni i tvorchestva. Moskva, Muzgiz, 1962. 826 p. (Klassiki muzykal'noi kul'tury)

MEILIKH, L. I. [Johann Strauss; from the history of the Viennese waltz] Iogann Shtraus; iz istorii venskogo val'sa. Leningrad, Muzgiz, 1962. 76 p.

[MOTION-PICTURE NOVELLE, scenarios of short films] Kinonovelly, stsenarii korotkometrazhnykh fil'mov. Vstup. stat'ia Evg. Gabrilovicha. Moskva, Iskusstvo, 1961. 121 p. (MH)

MUTLI, A. F. [Collection of problems on harmony] Sbornik zadach po garmonii. 3. izd. Moskva, Gos. muzykal'noe izd-vo, 1959. 157 p.

NIAFIOD, ULADZIMIR. [Present-day White Russian theater, 1946-1959] Suchasny belaruski teatr, 1946-1959. Minsk, M-va vysheishai, staredniai spetsyial'nai i profesiianal'nai adukatsyi BSSR, 1961. 320 p. (CU)

ORLOV, G. A. [Symphonies of Shostakovich] Simfonii Shostakovicha. Leningrad, Muzgiz, 1961. 322 p.

POLIANOVSKII, G. A. [Notes of a lecturer] Zapiski lektora. Moskva, Sovetskii kompozitor, 1962. 198 p.

POPOV, A. D. [Performance and stage-director] Spektakl' i rezhisser. Moskva, Vseros. teatral'noe ob-vo, 1961. 126 p. (MH)

POZDEEV, P. K., comp. [Resound, Udmurt song; a collection of songs with notes] Zveni, udmurtskaia pesnia, sbornik pesen s notami. Izhevsk, Udmurtskoe knizhnoe izd-vo, 1960. 395 p. [In Udmurt] (MH)

RATSKAIA, TS. S. [Operatic forms; from the practice of the people's university of culture of the Moscow Sverdlovsk District] Opernye formy, iz opyta raboty narodnogo universiteta kul'tury Sverdlovskogo raiona g. Moskvy. Moskva, Sovetskii kompozitor, 1962. 46 p. (V pomoshch' slushateliam narodnykh universitetov kul'tury. Besedy o muzyke)

[RUSSIAN MUSICAL LITERATURE] Russkaia muzykal'naia literatura. Moskva, Muzgiz. No. 1. 1961. 206 p.

RYNDIN, V. F. [Creating an artistic set-up for a performance] Kak sozdaetsia khudozhestvennoe oformlenie spektaklia. Moskva, Izd-vo Akad. khudozh. SSSR, 1962. 38 p. (Biblioteka po izobrazitel'nomu iskusstvu dlia narodnykh universitetov kul'tury, khudozhestvennoi samodeiatel'nosti i shkol'nykh bibliotek)

SOIUZ KOMPOZITOROV SSSR. [Handbook for 1960] Spravochnik na 1960 god. Moskva, Sovetskii kompozitor, 1960. 226 p. IU

STEL'MAKH, M P , comp [Humorous songs] Zhartivlyvi pisni [Kyiv, Derzhlitvydav, 1961 223 p (MH)

SUMAROKOV, A. A. [Without make-up, notes of an old actor] Bez grima, zapiski starogo aktera, Kyiv, Derzh vyd-vo obrazotvorchoho mystetstva i muzychnoi lit-ry URSR, 1961. 292 p (MH)

TEMIRIAEV, D. I. [North Ossetian Republic Theater of Russian drama] Severo-osetinskii respublikanskii teatr russkoi dramy, Ordzhonikidze, Severo-osetinskoe knizhnoe izd-vo, 1960. 42 p. illus. (MH)

TIMOKHIN, V. V. [Outstanding Italian singers, studies] Vydaiushchiesia ital'ianskie pevtsy, ocherki. Moskva, Muzgiz, 1962. 175 p

TOLCHENOVA, N [Actress Vera Pashennaia] Aktrisa Vera Pashennaia Moskva, Izd-vo "Pravda," 1962 45 p. (Biblioteka "Ogonek," no 40)

TULIKOV, S.S , comp [Spring of your triumphs] Vesna tvoikh pobed Moskva, Izd-vo "Sovetskaia Rossiia, 1962 143 p (Bibliotechka "Khudozhestvennaia samodeiatel'nost'," no 18)

VASIL'KOV, I. A. [Logic and poetry, science and the art of motion pictures] Logika i poeziia; nauka i kinoiskusstvo. Moskva, Izd-vo "Znanie," 1962. 62 p. (Novoe v zhizni, nauke, tekhnike. VI Seriia Literatura i iskusstvo, no. 19-20)

VERDI, GIUSEPPE. [La Traviata Translated from the Italian] Traviata. Moskva, Muzgiz, 1962. 113 p. (Opernye libretto)

ZORKAIA, N.M [Between the past and the future, notes on contemporary Western motion-picture art] Mezhdu proshlym i budushchim, zametki o sovremennom zapadnom kinoiskusstve Moskva, Iskusstvo, 1961 86 p illus (MH)

ZORKAIA, N. M. [The Soviet motion-picture play on history and revolution] Sovetskii istoriko-revoliutsionnyi fil'm. Moskva, Izd-vo Akad. nauk SSSR, 1962. 217 p.

10. FINE ARTS

AKADEMIIA BUDIVNYTSTVA I ARKHITEKTURY URSR. Institut gradostroitel'stva. [City planning in the Ukraine] Opyt gradostroitel'stva v Ukrainskoi SSR. Kiev, Gosstroiizdat USSR, 1962. 197 p.

AKADEMIIA KHUDOZHESTV SSSR. Muzei. [Konstantin Ivanovich Rudakov; exhibition catalog] Konstantin Ivanovich Rudakov; katalog vystavki. Moskva, Iskusstvo, 1961. 65 p. 16 plates. (NNC)

AKADEMIIA STROITEL'STVA I ARKHITEKTURY SSSR. Institut gradostroitel'stva i raionnoi planirovki. [Regional] planning of economic administrative regions, industrial regions and centers; planning guide] Raionnaia planirovka ekonomicheskikh administrativnykh raionov, promyshlennykh raionov i uzlov, rukovodstvo po proektirovaniiu. Pod red. N. IA. Barlakova. Moskva, Gosstroiizdat, 1962. 266 p.

AKADEMIIA STROITEL'STVA I ARKHITEKTURY SSSR. Institut obshchestvennykh zdanii. [Retail trade enterprises; handbook on their design] Predpriiatiia roznichnoi torgovli; posobie po proektirovaniiu. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1962. 231 p.

BAKHTIN, VL, and DM, MOLDAVSKII. [The Russian folk print from the 17th to the 19th century] Russkii lubok XVII-XIX vv. Moskva, Gos. izd-vo izobraz iskus., 1962. [12] p. 87 illus.

BARSAMOV, N. S. Ivan Konstantinovich Aivazovskii, 1817-1900. Moskva, Gos. izd-vo "Iskusstvo," 1962. 273 p. illus.

BUDRYS, S.K. [Petras Rimsa] Piatras Rimsha. Moskva, Sovetskii khudozhnik, 1961. 61 p. (MH)

DZHUSUPOVA, O.N. Aleksandr Illarionovich Ignat'ev Moskva, Sovetskii khudozhnik, 1961. 77 p. plates. (MH)

EFFEL, JEAN, pseud. [Adam's youth] IUnost' Adama. [Kiev, Izd-vo Kievskogo univ., 1961] 238 p. (MH)

FRUNZE. GOSUDARSTVENNAIA PUBLICHNAIA BIBLIOTEKA KIRGIZSKOI SSR. Bibliograficheskii otdel. [Second ten-day festival of Kirghiz art and literature in Moscow, October 14-25, 1958, bibliography] Vtoraia dekada kirgizskogo iskusstva i literatury v Moskve, 11-15 oktiabria 1958 g., bibliograficheskii ukazatel'. Frunze, 1959. 115 p. (MH)

GAI-GULINA, Z.S., and B.M. VAINBERG. [Patterns for artistic hand-knitting] Uzory khudozhestvennogo ruchnogo viazaniia. Moskva, Gosmestpromizdat, 1962. 75 p.

GRANOVSKII, I.N. [Sergei Vasil'evich Ivanov, life and work] Sergei Vasil'evich Ivanov, zhizn' i tvorchestvo. Moskva, Iskusstvo, 1962. 488 p. (Russkie khudozhniki Monografii) (MH)

GRIMM, G. G. [Heritage of Quarenghi's graphic works] Graficheskoe nasledie Kvarengi. Leningrad, Izd-vo Gos. Ermitazha, 1962. 198 p.

IUROVA, T. V. [Barge haulers on the Volga, painting by I. E Repin] Burlaki na Volge, kartina I. E. Repina. Moskva, Iskusstvo, 1960 49 p. illus (Sokrovishcha mirovogo iskusstva) (MH)

KIEV. GOSUDARSTVENNYI MUZEI ZAPADNOGO I VOSTOCHNOGO ISKUSSTVA. [Catalog of West European paintings and sculpture] Katalog zapadnoevropeiskoi zhivopisi i skul'ptury. Moskva, Iskusstvo, 1961 173 p. (MH)

KINRIK, E. A. [Drawings] Risunki. Leningrad, Khudozhnik RSFSR, 1961. 9 p (Velikii Oktiabr' v proizvedeniiakh sovetskikh khudozhnikov [2]) (MH)

KRESA L'NYI, N. I. [Sofia Preserve in Kiev, monument of 11th to 18th century architecture] Sofiiskii Zapovednik v Kieve, pamiatnik arkhitektury XI-XVIII vv. Izd. 2. Kiev, Gos. izd-vo lit-ry po stroit. i arkhit. USSR, 1961. 42 p. (Pamiatniki arkhitektury Ukrainskoi SSR) (TNJ)

LACIS, R. Otto Skulme. Moskva, Sovetskii khudozhnik, 1959. 114 p (NIC)

LEONT'EVA, G. K. [Pavel Andreevich Fedotov, principal aspects of his works] Pavel Andreevich Fedotov, osnovnye problemy tvorchestva. Leningrad, Izd-vo "Iskusstvo," 1962. 197 p.

MAKOVETSKII, I. V. [Architecture of the traditional Russian dwelling, the North and the upper Volga Valley] Arkhitektura russkogo narodnogo zhilishcha; Sever i Verkhnee Povolzh'e, Moskva, Izd-vo Akad. nauk SSSR. 1962. 336 p.

MOSCOW. MOSKOVSKII INZHENERNO-STROITEL'NYI INSTITUT [Architecture of public and industrial buildings, a history of architecture] Arkhitektura grazhdanskikh i promyshlennykh zdanii; istoriia arkhitektury. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1962. 283 p.

NECHAEVA, T , R NURMUKHAMETOV, and N RUSSKIKH, comps [Artists of Bashkiria] Khudozhniki Bashkirii. [Leningrad, Khudozhnik RSFSR, 1961] 5 p. (MH)

OGANESIAN, K. L. Arin-berd. Erevan, Izd-vo Akad. nauk Armianskoi SSR. (Arkheologicheskie raskopki v Armenii, no. 9)
Vol. 1, [Architecture of Erebuni based on excavation materials of 1950-1959] Arkhitektura Erebuni po materialam raskopok 1950-1959 gg. 1961. 113 p.

[OLD TALLINN] Vana Tallinn, Staryi Tallin, Tallinn, Eesti NSV Kunst, 1959. [9] p. plates. [Parallel text in Estonian, Russian and German]

[PAINTING] Tapyba. Vilnius, Valstybine politines ir mokslines literatures leidykla, 1961. 33 p. illus. [In Lithuanian]

PASHCHENKO, N. E., and V. I. NADEZHDIN. [Construction of the Palace of Congresses] Stroitel'stvo Dvortsa s"ezdov. Moskva, Izd-vo "Znanie," 1962. 35 p. (Novoe v zhizni, nauke, tekhnike. IV Serila: Tekhnika, no. 17)

PUGACHENKOVA, G.A. [The Amau Mosque] Mechet' Anau Ashkhabad, Iuzhno-Turkmenskaia arkheologicheskaia kompleksnaia ekspeditsiia Akad. nauk Turkmenskoi SSR, 1959. 55 p. plates.

RAKHIMOV, M K [Artistic ceramics of Uzbekistan] Khudozhestvennaia keramika Uzbekistana Tashkent, Akad. nauk Uzbekskoi SSR, 1961 213 p (MH)

RIKMAN, E. A. [Remnants of the primitive art of Moldavia, from archaeological studies] Pamiatniki drevnego iskusstva Moldavii, po arkheologicheskim dannym. Kishinev, Kartia moldovenieske, 1961. 38 p. (MH)

ROGACHEVSKII, V. M. [Monumental sculpture] O monumental'noi skul'pture. Moskva, Sovetskii khudozhnik, 1962. 37 p. (Besedy ob iskusstve)

RUSSIA (1923- U S S R) Gosudarstvennyi komitet po delam stroitel'stva [Program of the all-Union open contest for the development of designs and plans of new types of railroad stations] Programma otkrytogo vsesoiuznogo konkursa na razrabotku proektov novykh tipov zdanii zheleznodorozhnykh vokzalov. Moskva, Gosstroiizdat, 1962. 10 p.

SALAMZADE, A V , and A A SADYKH-ZADE [Dwellings in Azerbaijan in the 18th and 19th centuries] Zhilishcha Azerbaidzhana v XVIII-XIX vv Baku, Akad nauk Azerbaidzhanskoi SSR, 1961 167 p. illus [In Azerbaijani] (MH)

SMIRNOVA-RAKITINA, V A Valentin Serov Moskva, Molodaia gvardiia, 1961 336 p plates (Zhizn' zamechatel'nykh liudei Seriia biografii, no 16 [336]) (CtY)

[SOVIET MOTION-PICTURE POSTER] Sovetskii kinoplakat, sbornik statei [Red V A Tikhanova Moskva, Sovetskii khudozhnik, 1961] 80 p (CLU)

STECHISHIN, SAVELLA [Art treasure of Ukrainian embroidery] Mystetskі skarby ukrains'kykh vyshyvok Winnipeg, Nakl. Soiuzu ukrainok Kanady, 1960 136 p. illus. (InU)

TEMERIM, S M. [Decorative scheme in everyday life and cultivation of taste] Khudozhestvennoe oformlenie byta i vospitanie vkusa Moskva, Izd-vo Akad khudozh SSSR, 1962 46 p. illus (Biblioteka po izobrazitel'nomu iskusstvu dlia narodnykh universitetov kul'tury, khudozhestvennoi samodeiatel'nosti i shkol'nykh bibliotek)

VASNETSOV, A. M. Apollinarii Mikhailovich Vasnetsov. Moskva, Gos. Izd-vo izobrazitel'nogo iskusstva, 1961, 1 v (unpaged) chiefly illus. (WU)

VORONIN, N. N. [Architecture of Northeastern Russia from the twelfth to the fifteenth century in two volumes] Zodchestvo Severo-Vostochnoi Rusi XII- XV vekov v dvukh tomakh Moskva, Izd-vo Akad. nauk SSSR.
Vol. 2. [From the thirteenth to the fifteenth century] XIII-XV stoletiia. 1962. 557 p.

VSESOIUZNYI S"EZD SOVETSKIKH ARKHITEKTOROV, 3d, Moscow, 1961. [Third All-Union Congress of Soviet Architects, May 16-20, 1961, abridged verbatim report] Sokrashchennyi stenograficheskii otchet. Moskva, Gosstroiizdat, 1962. 180 p.

[WHITE RUSSIAN PAINTING] Belaruskі zhyvapis Minsk, Dziarzh. vyd-va BSSR, 1961. 19 p. 61 col. plates. [Parallel texts in White Russian, Russian, English, and French] (MH)

11. LANGUAGE, LITERATURE & FOLKLORE

ABETOV, G.T. [Concise Russian-Kazakh dictionary of literary terms] Kratkii russko-kazakhskii slovar' literaturovedcheskikh terminov. Pod obshchei red. K. Dzhumalieva. Alma-Ata, Izd-vo Akad. nauk Kazakhskoi SSR, 1962. 139 p.

ABROSKIN, A. A. [We'll have honey, verse] Budem s medom, stikhi. Moskva, Sovetskaia Rossiia, 1961. 95 p. illus. (MH)

ADAMOV, A G. [Last business; a tale] Poslednii biznes; povest'. [Moskva] Molodaia gvardiia, 1962. 301 p (MH)

[ADVENTURES OF NART SASRYKVA AND HIS NINETY-NINE BROTHERS, Abkhazian folk epos. Translated from the Abkhazian] Prikliuchenila Narta Sasrykvy i ego devianosta deviati brat'ev, abkhazskii epos. Moskva, Gos. izd-vo khudozh. lit-ry, 1962. 286 p.

AGISHEV, IAKUB. [National poet G Tukai, on the occasion of his 75th birthday anniversary] Narodnyi poet G Tukai, k 75-letiiu so dnia rozhdenila Kazan', Tatarskoe knizhnoe izd-vo, 1961 35 p
(MH)

AGRANOVSKII, V A , and M.B EFIMOV [Open letter] Otkrytoe pis'mo. [Moskva] Molodaia gvardiia, 1961 93 p.
(MH)

AINI, SADRIDDIN. [Collected works] Sobranie sochinenii Moskva, Izvestiia, 1960-1961. 4 v.
(MiU)

AKADEMIIA NAUK ARMIANSKOI SSR Erivan Institut istorii Mesrop Mashtots; sbornik statei. Erevan, Izd-vo Akad. nauk Armianskoi SSR, 1962. 305 p [In Armenian]

AKADEMIIA NAUK ARMIANSKOI SSR, Erivan. Institut literatury. [History of Soviet Armenian literature] Istoriia armianskoi sovetskoi literatury. Erevan, Akad. nauk Armianskoi SSR. [In Armenian]
Vol. 1. 1917-1941. 1961.
(MH)

AKADEMIIA NAUK AZERBAIDZHANSKOI SSR, Baku Institut literatury i iazyka. [Phrases in present-day Azerbaijani] Slovosochetaniia v sovremennom azerbaidzhanskom iazyke. Baku, Akad. nauk Azerbaidzhanskoi SSR, 1961. 147 p [In Azerbaijani]
(MH)

AKADEMIIA NAUK GRUZINSKOI SSR, Tiflis. Institut gruzinskoi literatury. [Collection dedicated to the hundredth anniversary of the birth of Vazha Pshavela, 1861-1961] Sbornik posviashchennyi stoletiiu so dnia rozhdeniia Vazha Pshavela, 1861-1961. Tbilisi, Akad. nauk Gruzinskoi SSR, 1961. 256 p. [In Georgian]
(MH)

AKADEMIIA NAUK KIRGIZSKOI SSR, Frunze. Terminologicheskaia komissiia. [Dictionary of grammatical terms of the Kirghiz language. Slovar' gramaticheskikh terminov kirgizskogo iazyka] Frunze, 1961. 35 p.
(MH)

AKADEMIIA NAUK SSSR. Institut iazykoznaniia. [Comparative grammar of the Germanic languages in five volumes] Sravnitel'naia grammatika germanskikh iazykov v piati tomakh. Moskva, Izd-vo Akad. nauk SSSR.
Vol. 2. [Phonology] Fonologiia. 1962. 402 p.

AKADEMIIA NAUK SSSR. Institut iazykoznaniia. [Research on the syntax of Turkic languages] Issledovaniia po sintaksisu tiurkskikh iazykov. Moskva, Izd-vo vostochnoi lit-ry, 1962. 217 p.

AKADEMIIA NAUK SSSR. Institut mirovoi literatury. [Socialist realism in the literatures of the peoples of the U.S.S.R.] Sotsialisticheskii realizm v literaturakh narodov SSSR. Moskva, Izd-vo Akad. nauk SSSR, 1962. 364 p.

AKADEMIIA NAUK SSSR. Kafedra inostrannykh iazykov. [Textbook on the grammar of the German language] Uchebnoe posobie po grammatike nemetskogo iazyka. Moskva, Izd-vo Akad. nauk SSSR, 1962. 65 p.

AKADEMIIA NAUK SSSR. Otdelenie literatury i iazyka. Taras Shevchenko. Moskva, Izd-vo Akad. nauk SSSR, 1962. 270 p.

AKADEMIIA NAVUK BSSR, Minsk. Instytut literatury. [White Russian literature, studies and publications] Belaruskaia literatura, dasledavanli i publikatsyi. Minsk, Vyd-va Akad navuk Belaruskai SSR, 1958-1961. 1 v
(NN)

AKADEMIIA PEDAGOGICHESKIKH NAUK RSFSR, Moscow Institut obshchego i politicheskogo obrazovaniia. [Foreign-language instruction in the secondary school, methods of teaching foreign languages in grades 9-11] Prepodavanie inostrannykh iazykov v srednei shkole, voprosy metodiki obucheniia inostrannym iazykam v IX-XI klassakh. Pod red A.A Miroliubova Moskva, Izd-vo Akad. pedagog nauk RSFSR, 1961 124 p (Pedagogicheskaia biblioteka uchitelia)
(CU)

AKHMADULINA, B A. [String, verse] Struna, stikhi Moskva, Sovetskii pisatel', 1962 118 p
(MH)

AKHMEROV, K.Z [Syntax of a compound sentence in the Bashkir language] Sintaksis slozhnosochinennogo predlozhenila v bashkirskom iazyke. Ufa, Bashkirskoe knizhnoe izd-vo, 1960. 78 p
(MH)

AKOPIAN, V. A. [Struggle; a novel] Bor'ba, roman. [Moskva] Molodaia gvardiia, 1962. 661 p.
(MH)

ALEKSEEV, G. D. [Birth of a giant, from the chronicle of the Chelyabinsk Communist Youth League blast furnace] Rozhdenie velikana, iz letopisi Cheliabinskoi komsomol'skoi domny. [Moskva] Molodaia gvardiia, 58 p.

ALEKSEEV, M.N [Cherry whirlpool, a novel] Vishnevyi omut; roman [Moskva] Molodaia gvardiia, 1962. 327 p illus.
(MH)

ALGAZINA, N.N., and others. [Teaching expositions in the fifth grade] Obuchatushchie izlozhenila v V klasse. Moskva, Izd-vo Akad. pedagog. nauk RSFSR, 1962. 166 p.

AMAEV, M A. [Writers of Soviet Daghestan; a directory] Pisateli Sovetskogo Dagestana; spravochnik. Makhachkala, Dagestanskoe knizhnoe izd-vo, 1960. 148 p.
(NNC)

AMETISTOV, M.E. [Loyalty for loyalty (Professor from Stalingrad); a tale] Vernost' za vernost' (Professor iz Stalingrada); povest'. [Stalingrad] Stalingradskoe knizhnoe izd-vo, 1961. 256 p.
(MH)

ANDREEV, I.A. [The participle in the Chuvash language] Prichastie v chuvashskom iazyke. Pod red V.G.Egorova. Cheboksary, Chuvashskoe gos. izd-vo, 1961. 261 p.
(MH)

ANNANUROV, A.M. [Phonetics as a branch of linguistics] Fonetika dil bilimining bolumidir. Ashgabat, Turkmenistan dovlet okuv-pedagogik neshirlaty, 1959. 90 p [In Turkmen]

ANTSIFEROV, N S. [A gift; verse] Podarok, stikhi. [Moskva] Molodaia gvardiia, 1961. 78 p.
(MH) (NNC)

ARAKIN, V.D. [The English language] Angliiskii iazyk. Moskva, Izd-vo IMO, 1962. 54 p. (IAzyki narodov mira)

ARTISHCHEV, V.V. [Misfortune] Beda, [Sverdlovsk] Sverdlovskoe knizhnoe izd-vo, 1961. 37 p. (Bibliotechka odnogo rasskaza)
(MH)

ARZAMAS. GOSUDARSTVENNYI PEDAGOGICHESKII INSTITUT. [L.N.Tolstoi; textbook] L.N.Tolstoi; uchebno-metodicheskoe posobie. Arzamas, 1961. 158 p.
(MH)

ASANOV, N A [Radius of the explosion is unknown; tales of our days] Radius vzryva neizvesten, povesti nashikh dnei [Moskva] Molodaia gvardiia, 1962 382 p
(MH)

ASATIANI, L , M GELOVANI, and A.SADZHAIA [Three songs; verse Translated from the Georgian] Tri pesni, stikhi. [Moskva] Molodaia gvardiia, 1961 117 p illus.
(MH)

ASHK, UPENDRA NATH [Falling walls, a novel Translated from the Hindi] Padaiushchie steny, roman Moskva, Izd-vo inostr lit-ry, 1961 187 p
(CLU)

ASKOL'DOV, LEONID [Behind the scenes at the circus, a collection of stories] Za kulisami tsirka; sbornik rasskazov s predisl. Borisa Zaitseva Paris, 1961 124 p
(NNC)

[AT VARIOUS MERIDIANS, collection of essays] Na raznykh meridianakh, sbornik ocherkov. Moskva, Sovetskii pisatel', 1962. 735 p
(MH)

ATABEKIAN, MARGARITA. [Ovanes Tumanian, literary critic] Ovanes Tumanian, literaturnyi kritik. Erevan, Aipetrat, 1956. 162 p.
(NNC)

ATAROV, N.S. [Tale of first love. Stories] Povest' o pervoi liubvi. Rasskazy. Moskva, Goslitizdat, 1962. 425 p.

AZIINIIAZ KOSYBAI ULY. [Selected works] Izbrannye proizvedenila. Nukus, Karakalpakskoe gos. izd-vo, 1960. 182 p. [In Kara-Kalpak]

BABAEVSKII, S. P. [Revolt of a son, a novel] Synovnii bunt, roman. Moskva, Sovetskii pisatel', 1961. 519 p.
(NNC)

BADAEV, ALEKSEI. [Testament of fathers, verse. Translated from the Buryat] Zaveshchanie ottsov, stikhi Ulan-Ude, Buriatskoe knizhnoe izd-vo, 1961. 54 p illus.
(MH)

BAKUMENKO, D O [Conquerors of the Caspian; verse] Peremozhtsi Kaspiiu; poezii Kyiv, Radians'kyi pys'mennyk, 1961. 84 p.
(MH)

BARABASH, I I [Hearts in love; lyric comedy] Zakhokhani sertsia; lirychna komediia. Kyiv, Derzhlitvydav, 1962 76 p.
(MH)

BARABASH, IU, IA. [Pure gold of truth; some aspects of O. Dovzhenko's aesthetics and poetics] Chyste zoloto pravdy. Deiaki pytannia estetyky i poetyky O. Dovzhenka. Kyiv, Radians'kyi pys'mennyk, 1962. 290 p.
(CtY)

BARKA, VASYL'. [Apostles] Apostoly. [Augsburg, Vyd. Ivana Mazyla] 1946. 47 p.
(InU)

BARKOVA, O.M. [The only one; a novel] Odna, edinstvennaia; roman. Moskva, Sovetskii pisatel', 1962. 537 p.
(MH)

BARSKII, L.M. [Along the pathways of life; collection of stories. Translated from the Moldavian] Dorogami zhizni; [sbornik rasskazov] Kishinev, Kartia moldovenieske, 1962. 150 p.
(MH)

BASHILOV, BORIS. [Misunderstood herald; Pushkin's role in the development of the Russian national outlook] Neponiatyi predvozvestitel'; rol Pushkina v razvitii russkogo natsional'nogo mirovozrenila. [Buenos Aires] Rus', [195-?] 124 p.
(MH)

BASHKANETS, E.G. [N.A.Dobroliubov and illegal poetry of the Crimean War period; report to the All-Union Conference Dedicated to the Hundredth Anniversary of the Death of the Revolutionary and Democrat N.A.Dobroliubov in Gorkiy, 1961] N.A.Dobroliubov i nelegal'naia poeziia perioda Krymskoi voiny; [doklad na Vsesoiuznoi konferentsii, posviashchennoi stoletiiu so dnia smerti velikogo revoliutsionera-demokrata N.A.Dobroliubova, Gorkii, 1961.] Kazan', Gos. muzei Tatarskoi ASSR, 1961. 22 p.
(MH)

BASHMAKOV, S. K [Morning songs, verse] Utrennie pesni, stikhi. [Kuibyshev] Kuibyshevskoe knizhnoe izd-vo, 1961. 42 p.
(MH)

BEKETOV, V P [Flood; poems and verse] Razliv; poemy, stikhi Kiev, Molod', 1961 88 p
(MH)

BELEN'KII, G.I., N.V.KOLOKOL'TSEV, and B.N. LONDON [Teaching literature in the senior grades of eleven-year schools] O prepodavanii literatury v starshikh klassakh odinnadtsatiletnei shkoly Pod red N.I. Kudriasheva. Moskva, Izd-vo Akad. pedagog. nauk RSFSR, 1962. 150 p. (Pedagogicheskaia biblioteka uchitelia)

BELIANKIN, E. O [Sadyla, a novel] Sadyla, roman. Moskva, Sovetskaia Rossiia, 1961 255 p.
(MH)

BERNSHTEIN, I A., and E. M. OLONOVA. [The modern Czech and Slovak novel] Sovremennyi cheshskii i slovatskii roman. Moskva, Izd-vo Akad. nauk SSSR, 1962. 170 p.

BIBIK, A. P. [To the sea; selected works] K moriu; izbrannoe. Moskva, Sovetskii pisatel', 1962. 393 p.
(MH)

BIKHTER, A.M [Poets-democrats of the 1870's and 1880's] Poety-demokraty, 1870-1880-kh godov Moskva, Sovetskii pisatel', 1962 572 p (Biblioteka poeta. Malaia seriia. Izd. 3)
(MH)

BLASCO IBANEZ, VICENTE. [Selected works. Translated from the Spanish] Izbrannye proizvedeniia. [Pod red. A.A. Smirnova] Moskva, Gos. Izd-vo khudozh. lit-ry, 1959. 3 v.
(OCl)

BLOK, A.A. [Collected works in eight volumes] Sobranie sochinenii v vos'mi tomakh. Pod obshchei red. V.N. Orlova, A.A. Surkova, K.I. Chukovskogo. Moskva, Gos. izd-vo khudozh. lit-ry
Vol. 6. [Prose, 1918-1921] Proza, 1918-1921. 1962. 555 p.

BOBORYKIN, V. G. [N. Pogodin's trilogy on Lenin] Trilogiia N. Pogodina o Lenine. Moskva, Sovetskii pisatel', 1962. 198 p.
(MH)

BOGATOVA, G., and others. [Practical Russian, (a textbook for English-speaking people)]. Praktika russkoi razgovornoi rechi; (posobie dlia lits, govoriashchikh na angliiskom iazyke). Moskva, Izd-vo lit-ry na inostr. iazykakh, [1962] 173 p.

BOGOIAVLENSKAIA, MARIANA. [Religious image of Gogol' in a new light, on the development and interpretation of the religious thought of Gogol'] Religioznyi lik Gogolia v novom osveshchenii, k razvitiiu i vosprilatiiu religioznoi mysli Gogolia. [New York] 1960. 103 p.
(RPB)

BOGOLIUBOV, K.V. [Mamin-Sibiriak, biographical tale] Mamin-Sibiriak; biograficheskaia povest'. [Sverdlovsk] Sverdlovskoe obl. gos. izd-vo, 1949. 135 p.
(OU)

BONDAREV, IU.V. [Late at night; stories] Pozdnim vecherom; rasskazy. [Moskva] Molodaia gvardiia, 1962. 110 p illus.
(MH)

BORISOVA, M.N., and A.N. POSADSKAIA. [Russian literature, chrestomathy for the fifth grade of national minority schools] Russkaia literatura; khrestomatiia dlia V klassa natsional'nykh shkol. Moskva, Gos. uchebno-pedagog. izd-vo, 1961. 271 p.
(InU)

BOROVIK, V.N. [Spring in the Grachev Hills, a tale] Vesna v Grachevykh Gorkakh; povest'. [Moskva] Mosk. rabochii, [1962] 213 p.

BORSHCHUKOV, V.I. [Ideas and images] Idei i obrazy. Moskva, Izd-vo "Znanie," 1962. 46 p. (Narodnyi universitet kul'tury; Fakul'tet literatury i iskusstva, no. 9)

BOSNIATSKII, E.G. [The foreigner; a novel] Inostranets; roman. [Moskva] Molodaia gvardiia, 1961. 382 p.
(MH)

BRAT'IA TUR, pseud [Flight from the night, a drama in four acts] Pobeg iz nochi, drama v chetyrekh deistviiakh Moskva, Iskusstvo, 1959 98 p.
(CU)

BŘEZOVSKÝ, BOHUSLAV [Iron ceiling; a novel. Translated from the Czech] Zheleznyi potolok; roman. Moskva, Izd-vo inostr. lit-ry, 1961. 487 p
(MH)

BRIUSOV, V IA [Verse and poems] Stikhotvoreniia i poemy. Vstup. stat'ia i sost. D.E Maksimova Podgotovka teksta i prim. M.I Dikman Leningrad, Sovetskii pisatel', 1961. 909 p (Biblioteka poeta Bol'shaia seriia 2 izd)
(CtY) (MH) (MWelC) (RPB)

BUN, I. L., M.M VASIL'EVA, and L.V. MALYSHEVA [Manual for the development of oral speech skills, the German Language] Posobie po razvitiiu navykov ustnoi rechi, nemetskii iazyk. [Moskva] Izd-vo Mosk. univ., 1961 126 p.

BURIAKIVETS', IURII. [To the spirit; verse] Do vershyn dukha, poezii. Augsburg, 1948. 38 p
(InU)

BYKOV, V.V. [Third rocket, a tale Translated from the White Russian] Tret'ia raketa, povest'. Moskva, Goslitizdat, 1962 46 p. (Roman-gazeta, no. 13(265))

CHAIKOVS'KYI, ANDRII. [The sun goes down; historical tale from the time of the downfall of the Zaporogian Host] Sontse zakhodyt', istorychna povist' z chasiv zruinovannia Zaporoz'koi Sichi. 2. vyd. [New York] Hoverlia, 1955. 206 p.
(InU)

CHANDAR, KRISHAN. [Thief, stories. Translated from the Urdu] Vor, rasskazy. Moskva, Izd-vo vostochnoi lit-ry, 1962. 167 p.

CHASHCHIN, G.N. [Vicious circle; stories] Zakoldovannyi krug, rasskazy. [Kursk] Kurskoe knizhnoe izd-vo, 1961. 214 p. illus
(MH)

CHEBOKSARY CHUVASHSKII NAUCHNO-ISSLEDOVATEL'SKII INSTITUT IAZYKA, LITERATURY, ISTORII I EKONOMIKI. [Rules of Chuvash orthography and punctuation. Pravila chuvashskoi orfografii i punktuatsii. Red I.A. Andreev i A.I Ivanov Cheboksary, Chuvashgosizdat, 1961] 78 p. [In Chuvash]
(MH)

CHEKHOV, N.V., M.G ROBINSON, and KH.G. KHAKIMOV. [Picture dictionary of the Russian language, a visual aid for pupils of non-Russian elementary schools] Kartinnyi slovar' russkogo iazyka; nagliadnoe uchebnoe posobie dlia uchashchikhsia nerusskikh nachal'nykh shkol. Izd.9. Moskva, Gos. uchebno-pedagog. izd-vo, 1960 2 v.
(LNHT)

CHEKHUT, B.M [Along our country's mountain paths; stories of scouting] Ridnymy plaiamy, plastovi opovidannia. New York, Molode zhyttia, 1957. 155 p.
(OC1)

CHERNENKO, G.A [During the hard years] V surovye gody. Iuzhno-Sakhalinsk, Sakhalinskoe knizhnoe izd-vo, 1961. 67 p
(MH)

CHERNIAKHOVSKII, F.I. Mikhailo Vasil'evich Lomonosov, 1711-1765. [Arkhangel'sk] Arkhangel'skoe knizhnoe izd-vo, 1961. 78 p illus.
(MH)

CHIN KU CH I KUAN. [Wondrous stories of ancient and our times. Translated from the Chinese] Udivitel'nye istorii nashego vremeni i drevnosti. Perevod s kitaiskogo, poslesloviе i primechaniia V.A. Vel'gusa i I.E. TSiperovich. Moskva, Izd-vo vostochnoi lit-ry. 1962. 2 v.

CHIZH, G.P. [Toward unknown shores; an historical chronicle] K nevedomym beregam; istoricheskaia khronika. [Moskva] Molodaia gvardiia, 1962. 414 p.

CIURLYS, P. [Lithuanian poets of the 19th century. Translated from the Lithuanian] Litovskie poety XIX veka. Predisl. Antanasa Vol'skiia. Vstup. stat'ia B. Pranskusa-Zhalionisa. Sost., biograficheskie spravki i prim. P. Chiurlisa. Red. perevodov L.A. Ozerova. Moskva, Sovetskii pisatel', 1962, 467 p. (Biblioteka poeta, Bol'shaia seriia, 2. izd)
(MH)

CRANE, STEPHEN. [The red badge of courage. Stories Translated from the English] Alyi znak doblesti. Rasskazy. Moskva, Goslitizdat, 1962. 290 p.

DAL'NII, B.D. [Romantic story] Romanticheskaia istoriia. [Voronezh] Voronezhskoe knizhnoe izd-vo, 1960 169 p.
(MH)

DARIENKO, P.S. [Live and live, verse] Zhit' da zhit', stikhi Moskva, Izd-vo "Pravda," 1962. 30 p. (Biblioteka "Ogonek," no. 41)

DAVLETSHINA, KHADIIA. [Irgiz, a novel. Translated from the Bashkir] Irgiz, roman. Moskva, Sovetskii pisatel', 1961. 533 p.
(MH)

DAVYDOV, D.V. [Works] Sochineniia Goslitizdat, 1962. 610 p.

DAVYDYCHEV, L.I. [Hum of distant trains, five notebooks of stories] Gul dal'nikh poezdov; piat' tetradei rasskazov. Perm', Permskoe knizhnoe izd-vo, 1961. 207 p. illus.
(MH)

DMYTERKO, LIUBOMYR. [Parting, a novel] Rozluka, roman. 2., vypravlene vyd. Kyiv, Derzh. vyd-vo khudozh. lit-ry, 1961. 211 p.
(CaOTU)

DNEPROV, A.P. [World where I disappeared, science fiction] Mir v kotorom ia zashel; nauchno-fantasticheskie povesti i rasskazy [Moskva] Molodaia gvardiia, 1962 102 p. illus
(MH)

DOLMATOVSKII, E.A. [Verse and songs] Stikhi i pesni. Moskva, Goslitizdat, 1962, 246 p. (Biblioteka sovetskoi poezii)
(MH)

DONCHUK, ZOSYM. [Devil-may-care, satirical tale] More po kolina, satyrychna povist'. Philadelphia, Nakladom avtora, 1961. 295 p.
(IU)

DONETS, H.P. [Dnieper Valley, verse. Translated from the Ukrainian] Pridneprov'e, stikhi. Moskva, Sovetskii pisatel', 1962. 65 p. illus.
(MH)

DORNOGIN, I.K. [Sociopolitical opinions of M.E. Saltykov-Shchedrin] Obshchestvenno-politicheskie vzgliady M.E. Saltykova-Shchedrina. Gor'kii, Gor'kovskii gos. pedagog. in-t im A.M. Gor'kogo, 1961. 144 p
(MH)

DRAGUNOV, A A. [Grammar of modern spoken Chinese] Grammaticheskaia sistema sovremennogo kitaiskogo razgovornogo iazyka. [Leningrad] Izd-vo Leningr. univ, 1962. 270 p.

DROZDOV, A.M. [Night is over; a novel, tales, stories] Noch' pozadi; roman, povesti, rasskazy. Moskva, Sovetskii pisatel', 1961. 401 p.
(CLU)

DUDIN, M.A. [Love remains, lyrics] Ostaetsia liubov', lirika. Leningrad, [Sovetskii pisatel'] 1962. 82 p.
(CU)

DUDUCHAVA, MAMIA. [Creative method and world outlook] Tvorcheskii metod i mirovozzrenie. Tbilisi, 1961 83 p. [In Georgian]
(MH)

DUKEL'SKII, N.I. [Principles of the segmentation of speech flow] Printsipy segmentatsii rechevogo potoka. Moskva, Izd-vo Akad. nauk SSSR, 1962. 136 p.

DUNAEV, S.D. [Fables] Basni. Ulan-Ude, Buriatskoe knizhnoe izd-vo, 1961. 38 p.
(MH)

DUZ', I.M. ["Pravda" and literary style] "Pravda" i khudozhnie slovo. Kyiv, 1962. 41 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR. Seriia VIII, no. 4)

DYMSHITS, A.L. [On a great march; collection of articles] V velikom pokhode; sbornik statei. Moskva, Sovetskii pisatel', 1962 442 p.
(CU)

DZHATIEV, TOTYRBEK. [Mountain star, a novel. Translated from the Ossetic] Gornaia zvezda, roman. Moskva, Sovetskii pisatel', 1962. 302 p. illus.
(MH)

DZHAUKIAN, G. . [History of linguistics] Istoriia iazykoznaniia. Erevan, Izd-vo Erevanskogo univ. [In Armenian]
Vol. I. 1960. 634 p.

EFETOV, M.S. [Girl from Stalingrad] Stalingradly gyzzhagaz. Ashgabad, Turkmenistandovlet neshirlaty, 1960. 50 p. [In Turkmen]

EFIMOV, F. A. [Army, verse] Armiia, stikhi. Minsk, Gos. izd-vo BSSR, 1962 91 p
(MH)

EGOROV, B A [Talking to the point; humorous stories and feuilletons] Razgovor po sushchestvu; iumoristicheskie rasskazy i fel'etony [Moskva] Molodaia gvardiia, 1962 237 p
(MH)

ELIASOV, L.E. [Russian folklore of Eastern Siberia] Russkii fol'klor Vostochnoi Sibiri. Ulan-Ude, Akad. nauk SSSR. Sibirskoe otd-nie.
Vol. 2. 1960.
(RPB)

EMEL'IANOVA, N A [Tales' Springs, Birthplace, Kolbat] Povesti Rodniki, Rodnoi dom, Kolbat. Moskva, Gos. izd-vo detskoi lit-y, 1961 585 p (Shkol'naia biblioteka)
(NNC)

ENILEEVA, M., and others. [Reader for schools with instruction in the Russian language] Ukish kitobi rus maktablarining VI-X siniflari uchun. 3. nashri. Toshkent, UzSSR Davlat Ukuv-pedagogika nashrieti, 1960. 154 p. [In Uzbek]

ERASHOV, V.P. [Man lives on earth, stories] Chelovek zhivet na zemle, rasskazy. [Smolensk] Smolenskoe knizhnoe izd-vo, 1961. 189 p.
(MH)

EREMIN, D.I [Through the years, tale and stories] Skvoz' gody, povest' i rasskazy Moskva, Voenizdat, 1962. 265 p illus
(MH)

ERMILOVA, T. [Problem of the "beau ideal" in N.G. Chernyshevskii's novel "Prolog."] Problema ideala pr. rasnogo v romane N.G. Chernyshevskogo "Prolog." Gor'kii, Gor'kovskii gos. pedagog. in-t im. A.M. Gor'kogo, 1960. 77 p.
(MH)

ERSHOV, D.A. [Great friend of rural workers correspondents] Bol'shoi drug rabsel'korov, Moskva, Gos. izd-vo polit. lit-ry, 1959. 97 p.
(NNC)

ESHMAMBETOV, KAZYMBEK. [Hunter with a golden eagle; stories and tales. Translated from the Kirghiz] Okhotnik s berkutom, rasskazy i skazki. Frunze, Kirgizskoe gos. uchebno-pedagog. izd-vo, 1960. 95 p.
(CLU)

FADEEV, I.A. [Incident on Uritskaya Street; stories on volunteer policemen] Sluchai na ulitse Uritskogo; rasskazy o druzhinnikakh. [Gor'kii] Gor'kovskoe knizhnoe izd-vo, 1961. 190 p. illus.
(MH)

FAIZI, RAKHMAT. [Well done, dear daughter!] Balli, ona kizim; vokeii klassa. Toshkent, Esh gvardiia, 1961. 52 p. [In Uzbek]

FEDOROV, V.D [Lyric] Lirika Moskva, Gos. izd-vo khudozh lit-ry, 1961 286 p illus.
(MiU)

FEDOROV, V.I. [Bag full of hearts; tale in novells] Sumka, polnaia serdets; povest' v novellakh. Moskva, Sovetskaia Rossiia, 1962. 102 p (Korotkie povesti i rasskazy)
(MH)

FEINBERG, I.L. [Pushkin's unfinished works] Nezavershennye raboty Pushkina. Izd.3., dop. Moskva, Sovetskii pisatel', 1962. 428 p.

FILEV, A.A. [People of Talitskiy; a novel] Svoi, talitskie, roman. Moskva, Sovetskii pisatel', 1962. 439 p.
(MH)

FIRSOV, G.P. [Acquainting pupils in grades 5 and 6 with punctuation] Oznakomlenie uchashchikhsia V-VI klassov s punktuatsiei. Moskva, Izd-vo Akad. pedagog. nauk RSFSR, 1959. 66 p. (Pedagogicheskaia biblioteka uchitelia)
(ICU)

[FIRST ACQUAINTANCE, stories] Pervoe znakomstvo, rasskazy. Moskva, Izd-vo gazety "Krasnaia zvezda," 1962. 30 p. (Bibliotechka "Krasnoi zvezdy," no.14[98])

FOFANOV, K.M [Verse and poems] Stikhotvoreniia i poemy Vstup. stat'ia G.M. TSurikovoi. Sost., podgotovak tekstu i primechaniia V.V. Smirenskogo. Moskva, Sovetskii pisatel', 1962. 333 p. (Biblioteka poeta. Bol'shaia seriia 2. izd.)

[FREEDOM TREE, English romatic poetry translated by Ign. Ivanovskii] Derevo svobody, angliiskaia romanticheskaia poeziia v perevodakh Ign. Ivanovskogo Leningrad, Detgiz, 1962. 123 p (Shkol'naia biblioteka)

[FRENCH-RUSSIAN POCKET DICTIONARY] Karmannyi frantsuzsko-russkii slovar'. Sost. K.S. Vygodskaia. Moskva, Gos. izd-vo inostr. i natsional'nykh slovarei, 1960. 647 p
(IEN)

FRIDLENDER, G.M [K Marx and F. Engels and problems of literature] K Marks i F.Engel's i voprosy literatury Moskva, Goslitizdat, 1962. 575 p.

GALKIN, SAMUIL. [Verse. Translated from the Yiddish] Stikhotvoreniia. Moskva, Goslitizdat, 1962. 294 p. (Biblioteka sovetskoi poezii)
(MH)

GAL'PERINA, E.L., ed. [Poets of Africa. Translated from the English and the French] Poety Afriki. Moskva, Izd-vo vostochnoi lit-ry, 1961. 277 p.
(CLU)

GAL'TSEV, I.N. [Introduction to the study of the Chinese language] Vvedenie v izuchenie kitaiskogo iazyka. Moskva, Izd-vo lit-ry na inostr. iazykakh, 1962. 316 p. (Biblioteka filologa)

GILENSON, B.A. [He witnessed the birth of a new world] On videl rozhdenie novogo mira. Moskva, Gospolitizdat, 1962. 78 p.

GLEBOV, SERGEI. [Thoughts and emotions; several verse] Mysli i chuvstva, neskol'ko stikhotvorenii. Geneva [1962] 32 p.
(CU) (MH)

GLOWACKI, ALEKSANDER. [Works in seven volumes. Translated from the Polish] Sochineniia v semi tomakh. Moskva, Gos. izd-vo khud. lit-ry, 1961-
(NNC) (RPB)

GLOZUS, M.IU [The last blow, a novel] Poslednii udar, roman [Krasnoiarsk] Krasnoiarskoe knizhnoe izd-vo, 1961 444 p.
(MH)

GLUSHKOVA, IU.S. [Thus did life begin; a tale] Zhizn' nachinalas' tak; povest'. [Orenburg] Orenburgskoe knizhnoe izd-vo, 1961. 244 p.
(NNC)

GODENKO, M.M [Drive to the ocean, lyric] Tiaga k okeanu; lirika Moskva, Voen. izd-vo, 1961 63 p.
(MH)

GOGOL', N.V. [On literature; selected articles and letters] O literature; izbrannye stat'i i pis'ma. Vstup. stat'ia i primechaniia N. Bogoslovskogo. Moskva, Gos. izd-vo khudozh. lit-ry, 1952. 320 p.
(CU)

GOLANOV, I.G. [Morphology of the present-day Russian language] Morfologiia sovremennogo russkogo iazyka. Moskva, Vysshaia shkola, 1962. 261 p.

GOLUBKOV, D.N. [Rendezvous; book of lyrics] Svidanie; kniga liriki. Moskva, Sovetskii pisatel', 1962. 134 p.

GOLUBOV, S.N., and others, eds. [V.G. Belinskii in the memoirs of his contemporaries] V.G. Belinskii v vospominaniiakh sovremennikov. [Moskva] Goslitizdat, 1962. 759 p. (Serila literaturnykh memuarov)

GONCHAROV, I.IU. [Reveille, verse] Utrennialia pobudki, stikhi. [Krasnoiarsk] Krasnoiarskoe knizhnoe izd-vo, 1961. 73 p. illus.
(MH)

GORB, F.I. [Those steppes, vast and blood drenched] Stepi privol'nye, krov'iu zalitye, istoricheskii roman. Paterson, N.J., 1962. 288 p. [Publ. under his pseud. Fedor Kubanskii]
(MH)

GORBUNOV, I.F. [Humorous stories and sketches] Iumoristicheskie rasskazy i ocherki. [Moskva] Mosk. rabochii, 1962 255 p illus.
(MH)

GORELOVA, E.N., and V.I. GORELOV. [The Chinese language] Kitaiskii iazyk. Moskva, Izd-vo In-ta mezhdunarodnykh otnoshenii, 1962. 99 p (Iazyki narodov mira)

GOR'KII, MAKSIM. [Fairy tales] Skazki. Moskva, Gos. izd-vo detskoi lit-ry, 1960. 26 p. (Shkol'naia biblioteka dlia nerusskikh shkol)
(InU)

GOR'KII, MAKSIM. [The press] O pechati. Moskva, Gospolitizdat, 1962. 306 p.

GOR'KII, MAKSIM. [Stories; from the cycle "Around Russia."] Rasskazy, iz tsikla "Po Rusi." Moskva, Gos. izd-vo khudozh. lit-ry, 1948. 111 p. (Massovaia serila)
(CU)

GORSKII, G.N. [Book of love, verse] Kniga liubvi; stikhi. Riga, Latviiskoe gos. izd-vo, 1962. 150 p.
(MH)

GRACHEVSKII, IU.M. [Small tragicks, a play] Kroshki, p'esa Moskva, Iskusstvo, 1961 19 p (Repertuar khudozhestvennoi samodeiatel'nosti, no.24)
(MH)

GRANTS, JANIS. [Murmur of blue expanses, a novel. Translated from the Latvian] Shumit goluboi prostor, [roman]. Riga, Latviiskoe gos. izd-vo, 1961. 208 p illus.
(MH)

GRIGOR'EV, I.N. [Stars and versts, verse] Zori i versty, stikhi Moskva, Sovetskii pisatel', 1962 158 p
(MH)

GRINEVSKII, A.S [Selected works] Izbrannoe. [Kirov] Kirovskoe knizhnoe izd-vo, 1960. 459 p
(CLU)

GRISHAEV, V.N. [Good-by, my battalion; a tale] Proshchai, moi batal'on, povest'. Moskva, Voenizdat, 1962. 126 p (Biblioteka soldata i matrosa)

GRODENSKII, G. [Vitalii Bianki; a critical and biographical study] Vitalii Bianki; kritiko-biograficheskii ocherk. Moskva, Detgiz, 1954. 47 p.
(IEN)

GROMYKO, N.I. [Doina o Marlore, a tale] Doina o Marlore; povest'. [Moskva] Molodaia gvardiia, 1962. 361 p.

GULIA, D.I. [Verse. Translated from the Abkhazian] Stikhi Moskva, Gos. izd-vo detskoi lit-ry, 1950. 95 p (Shkol'naia biblioteka)
(NNC)

GULOMOV, A.G. [The simple sentence] Prostoe predlozhenie Tashkent, 1955. 100 p [In Uzbek]
(MH)

GUMILEV, N.S. [Collected works in four volumes] Sobranie sochinenii v chetyrekh tomakh. Pod red. G.P. Struve i B.A. Filippova. Washington, Izd-vo knizhnogo magazina Victor Kamkin, Inc.
Vol. 1. [Verse, 1903-1915] Stikhi 1903-1915 gg. 1962. 333 p.

GUS, M.S. [Ideas and images of F.M. Dostoevskii] Idei i obrazy F.M. Dostoevskogo. Moskva, Goslitizdat, 1962. 510 p.

GUSEINOV, CHINGIZ. [Collective farm village in postwar Azerbaijani prose] Kolkhoznaia derevnia v poslevoennoi azerbaidzhanskoi proze. Baku, Azerbaidzhanskoe gos. izd-vo, 1960. 98 p.
(MH)

HAVRYLIUK, OLEKSANDR. [Noblemen and their sons and the "Bard."] Pany i panychi nad "Kobzarem." L'viv, Knyzhkovo-zhurnal'ne vyd-vo, 1961. 86 p. (InU)

HLIBOV, L.I. [Works] Tvory. Kyiv, Derzhlitvydav, 1962. 586 p. (MH)

HONCHARUK, Z.V. [Dnieper thoughts, poems] Dniprovy dumy; poezii. Kyiv, Radians'kyi pys'mennyk, 1961. 81 p. (MH)

HROMOVICH, IVAN. [Lark; stories. Translated from the White Russian] Zhavoronok; rasskazy. Minsk, Gosizdat BSSR, 1961. 393 p. (MH)

HRYSHCHENKO, OLEKSA. [My years in Tsarhorod, 1919-1920-1921 (sic)] Moi roky v TSarhorodi, 1919-1920-1921 [sic]. Munich, Dniprova khvylia, 1961. 258 p. illus. (MiD)

HUBAR, O.I. [Pavlo Tychyna; a literary portrait] Pavlo Tychyna; literaturnyi portret. Kyiv, Derzh. vyd-vo khudozh. lit-ry, 1961. 133 p. (InU)

HUMENNA, DOKIIA. [Among the skyscrapers; New York mosaic] Sered khmarosiahiv, n'iu-iorks'ka mozaika. New York, Slovo, 1962. 176 p. (MH)

HUREIV, OLEKSA. [When the heart speaks; tales and stories] Koly hovoryt' sertse, povisti ta opovidannia. Kyiv, Derzhlitvydav, 1961. 193 p. (MH)

HURINENKO, P.V. [Mother had a son; novella] Mala maty syna; novely. Kyiv, Derzhlitvydav, 1961. 37 p. illus. (MH)

[I AM A SOLDIER, stories and verse on the Soviet Army and Navy] IA - soldat, rasskazy i stikhi o Sovetskoi armii i Voenno-Morskom flote. [Sost. K.I. Pozdniaev] Moskva, Voen. izd-vo, 1959. 527 p. (NNC)

IAKOVKINA, E. [Chronicle of the life and work of M. IU. Lermontov] Letopis' zhizni i tvorchestva M. IU. Lermontova. Piatigorsk, Gos. muzei "Domik Lermontova," 1947. 28 p. (NNC)

IANKOUSKI, FIODOR, comp. [White Russian proverbs, sayings, and idioms] Belaruskiia prykazki, prymauki, frazealagizmy. Vyd 2., dap. Minsk, Vyd-vo Akad. navuk BSSR, 1962. 555 p.

IAVICH, A.E. [Sevastopol tale] Sevastopol'skaia povest'. Moskva, Voen. izd-vo, 1961. 122 p. (Biblioteka soldata i matrosa) (MH)

IAVORSKAIA, NORA. [Here is my happiness; verse] Zdes' moe schast'e; stikhi. Moskva, Sovetskii pisatel', 1962. 105 p. (MH)

IAZAN, IU.P. [In Pechora thickets, hunting stories] V pechorskikh debriakh; okhotnich'i rasskazy. Syktyvkar, Komi knizhnoe izd-vo, 1961. 90 p. illus. (MH)

IBRAGIMOV, S. [Professional vocabulary of the Uzbek language; from materials based on the Fergana dialects] Professional'naia leksika uzbekskogo iazyka; na materialakh ferganskikh govorov. Tashkent, Izd-vo Akad. nauk UzSSR, 1961. 103 p.

IGNATOV, RANGEL. [Duty; a novel. Translated from the Bulgarian] Dolg; roman. Moskva, Voenizdat, 1962. 256 p.

IL'CHENKO, O.IE. [Once a Cossack, always a Cossack, or Mamai and the lively young lady; a Ukrainian mischievous novel of oral tradition. Songs and verses, printed herein, were written for this novel from 1944 to 1957 by Maksym Ryl's'kyi] Kazatskomu rodu net perevodu, ili Mamai i Ogon'-Molodtsa; ukrainskii ozornoi roman iz narodnykh ust. Pesni i stikhi, nabrannye v knige kursivom, napisal dlia etogo romana v gody 1944-1957 Maksim Ryl'skii. Moskva, Sovetskii pisatel', 1961. 598 p. (MH)

ILOVAISKII, MARK. [Verse, 1926-1960] Stikhi, 1926-1960. [Frankfurt/Main, Izd. avtora, 1961] 353 p. (CU)

INCIURA, K. [At the Kaunas Sea] Prie Kauno marių. Vilnius, Valstybine grozines literatūros leidykla, 1962. 291 p. [In Lithuanian]

ISHIKAWA, HAJIME. [Verse. Translated from the Japanese] Stikhi. Moskva, Gos. izd-vo khudozh. lit-ry, 1957. 278 p. [Publ. under his pseud. Ishikawa, Takuboku] (NNC)

IUREVICH, ULADZIMIR. [The word and the image, studies on the language of literary works] Slova i vobraz, naziranni nad movai mastatskaha tvora. Minsk, Dziarzh. vyd-va BSSR, 1961. 150 p. (MH)

IVANOV, B.V. [Porcelain stork] Farforovyi aist. Moskva, Izd-vo "Pravda," 1962. 47 p. (Biblioteka "Ogonek," no. 42)

IVANOV, V.N. [Rhapsody of the taiga, stories] Taezhnaia rapsodiia; rasskazy. Krasnoiarsk [Krasnoiarskoe knizhnoe izd-vo] 1961. 133 p. illus. (MH)

IVANOV-PAIMEN, V.Z. [Stories] Kalavsem. Shupashkar, Chăvash ASSR Kĕneke izdatel'stvi, 1962. 171 p. [In Chuvash]

IVANYSENKO, V.P. [Poetry and the life of the people] Poeziia i zhyttia narodu. Kyiv, Derzhlitvydav Ukrainy, 1962. 191 p.

IVCHENKO, M.P. [Numerals of the Ukrainian language] Chyslivnyky ukrains'koi movy. [Kyiv] Vyd-vo Kyivs'koho derzh. univ. 1955. 142 p. (MH)

IZMAILOV, G.F. [Songs and grain] Pesni, zerna. [Chita] Chitinskoe knizhnoe izd-vo, 1961. 16 p. (Stikhi molodykh) (MH)

JANSONS, ALBERTS. [Prophet of Epicurus; a novel. Translated from the Latvian] Prorok Epikura; [roman. Moskva] Molodaia gvardiia, 1962. 374 p. illus. (MH)

KADYRI, ABDULLA. [Bygone days, a novel. Translated from the Uzbek] Minuvshie dni; roman. Moskva, Goslitizdat, 1961. 358 p. (CLU)

KAKHKHORI, A. [Song of joy. Translated from the Tajik] Pesnia radosti. Stalinabad, Tadzhikgosizdat, 1961. 109 p. (MH)

KALINCHENKO, A.I. [Iron deer, a novel] Zheleznyi olen', roman. Moskva, Sovetskii pisatel', 1962. 401 p. illus. (MH)

KAMALOV, FAKHRI. [The complex sentence. K voprosu slozhnogo predlozhenila. Tashkent, 1955] 93 p. [In Uzbek] (MH)

KAMENETSKII, IU.S. [For you; verse] Dlia tebia; stikhi. Moskva, Sovetskaia Rossiia, 1962. 102 p. (MH)

KANAKHIN, UTEBAI. [In hard times; a tale. Translated from the Kazakh] V tiazhelye dni; povest'. Alma-Ata, Kazgoslitizdat, 1961. 205 p. (MH)

KAPANTSIAN, G.A. [Principles of the genealogical classification of languages and a criticism of N. Marr's views on the development of languages by stages] Osnovy genealogicheskoi klassifikatsii iazykov i kritika vzgliadov N. Marra na stadial'nost' razvitiia iazyka. Erevan, Akad. nauk Armianskoi SSR, 1951. 24 p. (MH)

KAPANTSIAN, G.A. [Suffixes and suffixing of words in the toponymy of Asia Minor, their genesis, linguistic origin and territorial dissemination] Suffiksy i suffigirovannye slova v toponimike drevnei Maloi Azii, ikh genezis, iazykovala prinadlezhnost' i territorial'noe rasprostranenie. Erevan, Akad. nauk Armianskoi SSR, 1948. 55 p. (MH)

KARANS'KA, M.U. [The conjunctions "shcho" and "shchob" and grammatical constructions used with them in the modern Ukrainian literary language] Spoluchnyky 'shcho, shchob i gramatychni konstruktsii z nymy v suchasnii ukrains'kii literaturnii movi. Kyiv, Vyd-vo Akad. nauk URSR, 1962. 133 p.

KARDIN, V. [Truth of the times; literary criticism] Vernost' vremeni; literaturno-kriticheskie stat'i. Moskva, Sovetskii pisatel', 1962. 361 p.

KARRYEV, B.A., ed. [Kurdish epic song-tales. Translated from the Kurdish] Kurdskie epicheskie poeniskazy. Moskva, Izd-vo vostochnoi lit-ry, 1962. 242 p.

KASAEV, A.M., and N.N. TOMAS. [Textbook of the Persian language] Uchebnik persidskogo iazyka. Izd. 2., ispr. i dop. Moskva, Izd-vo Mosk. in-t vostokovedeniia, 1945-1946. 2 v. in 1. (MiU) [PHOTOCOPY]

KASATKIN, P.E. [Golden showers, verse] Zolotye livni, stikhi. [Voronezh] Voronezhskoe knizhnoe izd-vo, 1961. 71 p. (MH)

KASHCHEEV, V.S., comp. [Without God the path is wider; proverbs and sayings] Bez Boga - shire doroga, poslovitsy i pogovorki. [Saratov] Saratovskoe knizhnoe izd-vo, 1961. 77 p. illus. (NNC)

KASHYN, VOLODYMYR. [The girls were with us, a tale]. S nami byli devushki, povest'. Moskva, Voen. izd-vo, 1961. 302 p. illus. (MH)

KATAEV, V.P. [Almost a diary] Pochti dnevnik. Moskva, Sovetskii pisatel'. 1962. 541 p. (MH)

KATAEV, V.P. [Waves of the Black Sea] Volny Chernogo moria. Moskva, Gos. izd-vo detskoi lit-ry, 1961. 2 v. plates. (NNC)

KAVERIN, V.A. [From various books] Iz raznykh knig. Moskva, Molodaia gvardiia, 1961. 236 p. (NNC)

KAZAKEVICH, EMANUEL. [Tales] Povesti. Moskva, Gos. izd-vo khudozh. lit-ry, 1962. 334 p. (RPB)

KAZAN. GOSUDARSTVENNYI MUZEI TATARSKOI ASSR [Musa Dzhalil' (Zalilov); catalog of materials in the collections of the museum] Musa Dzhalil' (Zalilov); katalog materialov v fondakh muzeia. Kazan', 1959. 20 p. illus. (MH)

KAZARIAN, S.K. [History of the Armenian literary language. Istoriia literaturnogo armianskogo iazyka. Erevan] 1961. 533 p. [In Armenian]

KEKILOV, AMAN. [Theory of literature, manual for students of philological faculties of institutions of higher learning] Edebiiat teoriiasy; okuw kitaby uchin gollanma. N. Ashyrovyn, red. Ashgabat, Turkmenistan dovlet okuw-pedagogik neshriiaty, 1961. 206 p. [In Turkmen]

KELENDZHERIDZE, M.A. [Russian-Georgian dictionaries of the 18th and 19th centuries in manuscript form. Russko-gruzinskie rukopisnye slovari XVIII-XIX vekov. Tbilisi, Akad. nauk Gruzinskoi SSR, 1961]. 88 p. [In Georgian with summary in Russian] (MH)

KENZHEBAEV, BEISENBAI. [Kazakh Soviet literature of the 20's] Kazakhskaia sovetskaia literatura 20-kh godov. Alma, Ata, Kazgoslitizdat] 1961. 111 p. [In Kazakh] (MH)

KESHISHIAN, G.S. [Away from you I am still with you. Vdali ot tebia, s toboi. Erevan, Armianskoe gos. izd-vo Aipetrat] 1962. 277 p. [In Armenian]

KHADKEVICH, TARAS. [Field spaces, a novel] Dal' polevaia; roman. Moskva, Sovetskii pisatel', 1961. 468 p. illus. (MH)

KHAIDAKOV, S.M. [Study of the lexicology of the Lak language] Ocherk po leksike lakskogo iazyka. Moskva, Akad. nauk SSSR, 1961. 198 p. (MH)

KHALEMS'KYI, N.A. [Most beautiful on earth; stories] Sumaia krasivaia na zemle; rasskazy. Moskva, Gospolitizdat, 1960. 62 p. (Iz serii o kommunisticheskoi morali. Vremia i liudi)
(MH)

KHARABAROV, I.M. [Blue stones; verse] Sinie kamni; stikhi. Moskva, Sovetskii pisatel', 1962. 94 p.
(CU)

KHAUSTOV, L.I. [Spring river, verse] Vesennaia reka, stikhi. Leningrad, Sovetskii pisatel', 1961. 125 p. illus.
(MH)

KHONINOV, MIKHAIL. [Lights are shining; verse and poems. Translated from the Kalmyk] Svetiat ogon'ki; stikhi i poemy. Elista, Kalmyiskoe knizhnoe izd-vo, 1960. 58 p.
(MH)

KHYDYROV, M.N. [Materials from the history of the Turkmen language] Turkmen dilinin tarykhyndan materiallar. G. Sopyevin redaktalmasy bilen. Ashbabat, Turkmendovletokuvpedneshir, 1962. 393 p. [In Turkmen]

KIEV. NAUKOVO-DOSLIDNYI INSTYTUT PEDAGOGIKY. [From the experience of teaching the Ukrainian language in secondary schools of the Ukrainian S.S.R.] Z dosvidu vykladannia ukrains'koi movy v serednikh shkolakh Ukrains'koi RSR. Kyiv, Radians'ka shkola, 1958. 155 p.
(NNC)

KIRIUSHIN, A.S. [Commanding words] Zovushchee slovo. Moskva, Gospolitizdat, 1962. 63 p.

KISLIK, N.Z. [Signals of the earth; verse] Pozyvnye zemli; stikhi. Minsk, Gos. izd-vo BSSR, 1961. 62 p.
(MH)

KOBLIKOV, V.V. [Open windows, stories and a tale] Otkrytye okna; rasskazy i povest'. [Kaluga] Kaluzhskoe knizhnoe izd-vo, 1961. 125 p.
(MH)

KOBLOV, K.S., and E.F. VAGANOV, comps. [Methodology of teaching the Russian language in Uzbek schools] Voprosy metodiki prepodavaniia russkogo iazyka v uzbekskoi shkole; sbornik statei. Tashkent, Srednaia i vysshaia shkola, 1961. 110 p.

KOCHETKOV, A.D. [A smile; sketches] Ulybka; ocherki. [Moskva] Glav. polit. upr. Sovetskoi Armii i Voenno-Morskogo Flota, 1962. 46 p. [Bibliotechka zhurnala "Sovetskii voin," no. 14(441)]

KOCHETOV, V.A. [Novels and tales. Romany i povesti. Leningrad] Lenizdat, 1961. 2v.
(CU)

KOLUNTSEV, FEDOR, pseud. [At Nikita's Gate; a novel] U Nikitskikh vorot, roman. Moskva, Sovetskii pisatel', 1962. 364 p. illus. [Author's real name Barkhudarian, Tadeos Avisovich]
(MH)

KONCHALOVSKAIA, N.P. [Color; verse] TSvet; stikhi. Moskva, Sovetskii pisatel', 1961. 84 p.
(MH)

KONOVALOV, S.G. [Always in formation; verse] Vsegda v stroiu; stikhi. [Lugansk] Luganskoe obl. izd-vo, 1961. 32 p.
(MH)

KOPYLENKO, O.I. [Works in four volumes] Tvory v chotyr'okh tomakh. Kyiv, Derzh. vyd-vo khudozh. lit-ry, 1961-
(NNC)

KORALLOV, M., comp. [Rosa Luxemburg on literature] Roza Liuksemburg o literature. Moskva, Goslitizdat, 1961. 350 p.

KORNICHUK, OLEKSANDR. [On the Dnieper; comedy] Nad Dniprom; komediia. Kyiv, Derzhlitvydav, 1962. 110 p. (Bibliotechka samodiial'noho teatru)
(MH)

KORNICHUK, OLEKSANDR. [Plays. Translated from the Ukrainian] Piesy. Moskva, Sovetskii pisatel', 1961. 680 p.
(NNC)

KOROLEVA, NATALENA. [Quid est veritas? What is truth, a historical tale] Quid est veritas? Shcho te istyna, istorychna povist'. Chicago, Vyd-vo M. Denysiuka, 1961. 451 p.
(NN)

KORSUNOV, NIKOLAI. [The spring bears a river; a tale] Rodnik rozhdaet reku, povest' Alma-Ata, Kazgoslitizdat, 1961. 194 p.
(MH)

KOSACHEVSKII, V.A. [A night visitor] Chelovek iz nochi. Moskva, Goslurizdat, 1962. 55 p. (Zapiski sledovatelia)

KOSTENKO, M.O. [Literary craftsmanship of M.M. Kotsiubyns'kyi] Khudozhnia maisternist' M.M. Kotsiubyns'koho. Kyiv, Radians'ka shkola, 1961. 174 p.
(MH)

KOSTENKO, S.I. [Wasps in the apiary; tales and humoresques] Osy na pasitsi, baiky ta humoresky. [Kharkiv] Kharkivs'ke knyzhkove vyd-vo, 1961. 35 p.
(MH)

KOSTIUCHENKO, IU P. [English language textbook for nonlinguistic faculties and institutions of higher learning] Pidruchnyk z anglits'koi movy dlia nemovnykh fakul'tetiv ta vuziv. Kharkiv, Vyd-vo Kharkivs'koho univ., 1961. 310 p. illus.
(IU)

KOTOV, V.P. [Maple leaf, book of lyric] Klenovyi list; kniga liriki. [Moskva] Molodaia gvardiia, 1961. 108 p.
(MH)

KOTSIUBYNS'KII, MYKHAILO. [Selected works] Vybrani tvory. Kyiv, Derzh. vyd-vo khudozh. lit-ry, 1961. 653 p.
(InU)

KOTSIUBYNS'KYI, MYKHAILO. [Shadows of forgotten ancestors] Tini zabutykh predkiv. Augsburg, 1946. 64 p.
(NNC)

KOTSIUBYNS'KYI, MYKHAILO. [Works] Tvory. Kyiv, Akad. nauk URSR, 1961-
(MH)

KOTSIUBYNS'KYI, MYKHAILO. [Works in six volumes] Tvory v shesty tomakh. Kyiv, Vyd-vo Akad. nauk URSR.
Vol. 3. 1961. 480 p.

KOZHEVNIKOV, S.E. [Beauty of the soul, tales and skotches] Dushevnaia krasota; rasskazy i ocherki. Moskva, Voenizdat, 1962. 182 p.

KOZHEVNIKOV, V.M. [Flaming years] Ognennye gody; izbrannye rasskazy i povesti. Moskva, Voenizdat, 1962. 501 p.

KRASIL'NIKOV, G.D. [I remain with you; tale and stories] Ostaius' s toboi; povest' i rasskazy. Izhevsk, Udmurtskoe knizhnoe izd-vo, 1961. 252 p.
(MH)

KRASYTSKYI, DMYTRO. [Taras' childhood; short stories on the childhood of T.G. Shevchenko] Dotstvo Tarasa; korotkie rasskazy o detstve T.G. Shevchenko. Moskva, Gos. izd-vo detskoi lit-ry, 1961. 223 p. (Shkol'naia biblioteka)
(NNC)

KRAVCHENKO, FEDOR. [Ataman's oaks; a novel] Otamanovy duby; roman. [Perer. izd.] Moskva, Sovetskii pisatel', 1962. 436 p.
(MH)

KRAVCHENKO, G.I. [Kosta Khetagurov; his life and activities] Kosta Khetagurov; zhizn' i deiatel'nost'. Ordzhonikidze, Severo-Osetinskoe knizhnoe izd-vo, 1961. 348 p.

KRAVCHENKO, IE.S. [Vacationers; one-act comedies] Dachnyky; odnoaktni komedii. Kyiv, Derzhlitvydav, 1962. 116 p. (Bibliotechka samodiial'noho teatru)
(MH)

KRIVANCHIKOV, N.G. [Road to the stars; verse] Doroga k zvezdam; stikhi. Kiev, Molod', 1962. 122 p.
(MH)

KRIVUTS, F.I. [Verse] Stikhotvoreniia. Paris, 1946. 4 p.
(MH)

KRUTILIN, S.A. [Snowdrops; a novel] Podsnezhniki; roman. Moskva, Sovetskaia Rossiia, 1961. 428 p.
(MH)

KRYZHANIVS'KYI, S.A. [It is not evening yet] Shche ne vechir. Kyiv, Radians'kyi pys'mennyk, 1961. 185 p.
(MH)

KUCHAR, ALES' [Prose literature, article on literary criticism] Ab masiatskai prozy, litaratuna-krytychnyia artykuly. Minsk, Dziarzh. vyd-va BSSR, 1961. 346 p.
(MH)

KUDASH, SAIFI. [Golden autumn; verse. Translated from the Bashkir] Zolotaia osen', stikhi. Moskva, Sovetskii pisatel', 1961. 105 p.
(MH)

KUDASH, SAIFI. [Selected works] Izbrannoe. Tashkent, Goslzdat UzSSR] 1954. 305 p. [In Uzbek]
(MH)

KUDINOV, P., comp. [Rich destinies; works of Turkestan soldiers] Bogatye sud'by, tvorchestvo voinov-turkestantsev. Tashkent, Goslitizdat UzSSR, 1962. 311 p.
(MH)

KUDREIKO, A.A. [Crossroads, book of verse] Pereseohenie putei; kniga stikhov. Moskva, Sovetskii pisatel', 1961. 158 p.
(MH)

KUKUSHKIN, V.N. [Mistress of the begonia; stories] Khoziaika begonii; rasskazy. Moskva, Sovetskii pisatel', 1962. 245 p.
(MH)

KULEMIN, V.L. [Clouds, verse. Poems] Oblaka, stikhotvoreniia. Poemy. [Moskva] Molodaia gvardiia, 1961. 173 p. illus.
(MH)

KULYK, I.IU. [Verse and poems; selected works] Virshi ta poemy; vybrane. Kyiv, Radians'kyi pys'mennyk, 1962. 325 p.
(MH)

KULYNYCHENKO, B.P. [Cloudburst, a play] Zlyva, p'iesa. Kyiv, Derzhlitvydav, 1962. 33 p.
(MH)

KUNIAEV, S.IU. [Link; verse] Zveno; stikhi. Moskva, Sovetskii pisatel', 1962. 78 p. illus.
(MH)

KUZNETSOV, A.V. [Solenga; stories] Solenga; rasskazy. Moskva, Sovetskii pisatel', 1961. 194 p. illus.
(MH)

LANOVENKO, P.K. [Pearl of Belogorsk; a novel] Zhemchuzhina Belogorska; roman. Kiev, Radians'kyi pys'mennyk, 1962. 295 p.
(MH)

LEDKOV, V.N., and A.I. PICHKOV. [Far away lives my Serno; verse] Daleko Serne moia zhivet; [stikhi. Arkhangel'sk] Arkhangel'skoe knizhnoe izd-vo, 1961. 95 p. illus.
(MH)

LEHTMETS, TONIS. [Streets and roads, poems of the years 1959-1961] Tanavad ja teenmad, luuletusi aastaist 1959-1961. Tallinn, Eesti Riiklik Kirjastus, 1962. 93 p. [In Estonian]

LENCH, LEONID, pseud. [Black epaulets, a tale] Chernye pogony; povest'. [Moskva] Molodaia gvardiia, 1962. 117 p.
(MH)

LENINGRAD, UNIVERSITET. [International literary ties] Problemy mezhdunarodnykh literaturnykh sviazei. [Leningrad] 1962. 190 p.

LENINGRAD, UNIVERSITET. [Literary style and vocabulary employed by M. Gor'kii] Slovoupotreblenie i stil' M. Gor'kogo. [Leningrad] 1962. 146 p.

LENINGRAD, UNIVERSITET. [Theory and critique of translation] Teoriia i kritika perevoda. [Leningrad] 1962. 166 p.

LENINGRAD, UNIVERSITET. [Words in the dialects of northern Russia] Slovo v narodnykh govorakh russkogo Severa. [Leningrad] 1962. 135 p.

LEO, pseud. [Mesrop Mashtots Erevan, Izd-vo Erevanskogo gos. univ.] 1962 219 p. [In Armenian Author's real name Araksel Babakhanian]

LEONOV, L.M. [Russian forest; a novel] Russkii les; roman. [Moskva] Molodaia gvardiia, 1961 2 v.
(NNC)

LEONOV, L.M. [Thief; a novel] Vor, roman Moskva, Sovetskaia Rossiia, 1962. 662 p.
(MH)

LESYN, V.M. [Composition and subject of the literary work; a lecture] Kompozytsiia i siuzhet literaturnoho tvoru; lektsiia. [L'viv] Vyd-vo L'vivs'koho univ., 1960. 43 p.
(NNC)

[LET'S GET ACQUAINTED; verse] Budem znakomy, stikhi. Ioshkar-Ola, Marliskoe knizhnoe izd-vo, 1961. 31 p illus.
(MH)

LEVAKOVSKAIA, E.V. [Last week; a tale] Na proshloi nedele; povest'. Moskva, Sovetskii pisatel', 1961. 174 p. illus.
(MH)

LEVYTS'KYI, IVAN. [Works] Tvory. Kyiv, Molod', 1955. 252 p. illus. (Shkil'na biblioteka)
(IU)

LI, YING-JU. [Spring breeze over an ancient city; a novel. Translated from the Chinese] Vesennii veter nad drevnim gorodom; roman. Moskva, Izd-vo inostr. lit-ry, 1961. 602 p.
(MH)

LIANDESBERG, IA.S., and N.N. GOLIKOV. [Latin language] Latinskii iazyk. Izd. 3., ispr. Moskva, Vysshaia shkola, 1961. 242 p.
(IU)

LIFSHITS, V.A. [Open notebook; verse] Otkrytaia tetrad'; stikhi. Moskva, Sovetskii pisatel', 1962. 109 p.
(MH)

LIKHODZIEVSKII, S.I. [Anatole France; study of his work] Anatol' Frans, ocherk tvorchestva. Tashkent, Goslitizdat UzSSR, 1962. 418 p.
(MH)

LIPAEV, A.A. [Studying the theory of Russian literature in the upper grades of national minority schools] Izuchenie teorii russkoi literatury v starshikh klassakh natsional'noi shkoly. Moskva, Izd-vo APN RSFSR, 1962. 126 p. (Pedagogicheskaia biblioteka uchitelia)

[THE LITERARY MUSEUM OF IANKA KUPALA; a concise guide] Litaraturny muzei IAnki Kupaly;karotki daviednik. Minsk, Vyd-va Akad. navuk BSSR, 1962. 200 p.

LIUBOVIKOV, O.M. [Joy of first meetings; verse] Schast'e pervykh svidanii; stikhi. [Kirov] Kirovskoe knizhnoe izd-vo, 1961. 87 p.
(MH)

LOZA, G.A. [At the dawn of a hard youth] Na zare surovoi iunosti. [Khar'kov] Khar'kovskoe knizhnoe izd-vo, 1961. 282 p.
(MH)

LOZNEVOI, A.N. [Path to the mountains; a tale] Doroga v gory; povest'. Minsk, Gos. izd-vo BSSR, 1961. 157 p.
(MH)

LUHOVYI, OLEKSANDER. [By iron and blood] Zalizom i kroviu. Edmonton, Alta, Nakladom avtora, 1955-
(InU)

LUKHT, L.I. [Voice in the modern Rumanian language; the passive] Zalog v sovremennom rumynskom iazyke; passiv. Moskva, Izd-vo Akad. nauk SSSR, 1962. 79 p.

LUK'IANOV, ALEKSEI. [Valdo ki; a novel] Valdo ki; roman Saransk, Mordovskoi knizhnoi izdatel'stvas', 1958 [In Mordvinian]
(InU)

LUKNITSKII, P.N. [Nisso; a novel] Nisso, roman. [Moskva] Izd-vo "Molodaia gvardiia," 1962. 508 p.

LUNGIN, S.L., and I.L NUSINOV. [Clouds over Borsk; a scenario] Tuchi nad Borskom; kinostsenarii. Moskva, Iskusstvo, 1961. 91 p. (Biblioteka kinodramaturgii)
(MH)

LUPAN, ANDREI [Verse. Translated from the Moldavian] Stikhi Moskva, Goslitizdat, 1961 182 p. (Biblioteka sovetskoi poezii)
(MH)

LUTS, OSKAR. [In the alley, and other tales. Translated from the Estonian] Na zadvorkakh, i drugie povesti. Tallinn, Estonskoe gos. izd-vo, 1962 540 p.
(MH)

MACHTET, G.A. [New doctor, and other stories] Novyi doktor, i drugie rasskazy. Moskva, Gos. izd-vo khudozh. lit-ry, 1960. 91 p. illus.
(NNC)

MACKEVICIUS, BR. [We measure the hearts by deeds] Zygiais matuojame sirdis Vilnius, Valstybine grozines literaturos leidykla, 1962. 107 p. [In Lithuanian]

MAEVSKAIA, I.V. [Two good fortunes; a novel] Dva schast'ia; roman. Moskva, Sovetskii pisatel', 1962. 350 p.
(MH)

MAGIN, V.A. [Study of the Cherkassy speech on the basis of historical and present-day data; phonetics and morphology] Ocherk cherkasskogo govora po istoricheskim i sovremennym dannym; fonetika i morfologiia. Taganrog [Obipoligrafizdat] 1960. 239 p.
(MH)

MAGRUPOV, ZAKIR. [The noun and the adjective, Imia sushchestvitel'noe i imia prilagatel'noe. Tashkent] 1956. 62 p [In Uzbek]
(MH)

MAIDANYK, IAKOV. [Uncle S. Tabachniuk and other new short stories] Vuiko Sh. Tabachniuk i inshi novi, korotki opovidannia. Winnipeg, 1959. 134 p.
(MiD)

MAIKHROVICH, STSIAPAN. [Life and work of F. Bahushevich. Translated from the White Russian] Zhizn' i tvorchestvo F. Bogushevicha. Minsk, Izd-vo Akad nauk BSSR, 1961. 297 p.
(CU)

MAKSIASHEV, P.F. [Our V.G. Belinskii] Nash V.G. Belinskii. [Penza] Penzenskoe knizhnoe izd-vo, 1961. 125 p. illus.
(MH)

MALEN'KII, A.G. [Conquerors of the tundra; a novel] Pokoriteli tundry; roman. Moskva, Sovetskii pisatel; 1962. 715 p. illus.
(MH)

MALIKOV, K.I. [Kirghiz land; verse. Translated from the Kirghiz] Strana Kirgizov; stikhi. Moskva, Pravda, 1962. 30 p. (Biblioteka "Ogonek," no. 29)
(MH)

MAMONTOV, IA.A. [Works] Tvory. Kyiv, Derzhlitvydav, 1962. 583 p.
(MH)

MANDRYKA, M.I. [Symphony of centuries; poems and lyric poetry] Simfoniia vikiv; poemi i lirika. Winnipeg, Drukom Vyd. Spilky Tryzub.
Vol. 3. 1961. 215 p.
(RPB)

MANZHURA, I.I. [Works] Tvory. Kyiv, Derzhlitvydav, 1961. 428 p.
(MH)

MARCHEVSKII, MARKO. [Quiet refuge; a tale. Translated from the Bulgarian] Tikhaia pristan'; povest', [Moskva] Profizdat, 1962. 197 p.

MAR'ENKOV, E.M [Far from large cities; a tale] Vdaleke ot bol'shikh gorodov; [povest'. 2 izd. Smolensk] Smolenskoe knizhnoe izd-vo, 1962. 351 p illus.
(MH)

MARIVAUX, PIERRE CARLET DE CHAMBLAIN DE. [Comedies. Translated from the French] Komedii. Moskva, Iskusstvo, 1961. 777 p. (Bibliioteka dramaturga)
(CLU)

MARKOV, G.M [The Strogovs; a novel in two books] Strogovy; roman v dvukh knigakh. Moskva, Gos. izd-vo khudozh. lit-ry, 1961. 586 p.
(C)

MARSHAK, S.IA. [Verse, 1941-1946] Stikhi, 1941-1946. Moskva, Sovetskii pisatel', 1946. 119 p.
(CU)

MART'IANOV, I.V. [Unfailing recipe, satire and humor] Vernyi retsept, satira i iumor. [Ivanovo] Ivanovskoe knizhnoe izd-vo, 1961. 59 p. illus.
(MH)

MARUKAS, K. [They sweep the streets in Zaliakalnis] Zaliakalny sluoja galves. Vilnius, Valstybine grozines literaturos leidykla, 1962 351 p. [In Lithuanian]

MARVICH, S.M. [Tomorrow is at the threshold; a novel] Zavtra stoit u poroga; roman Moskva, Sovetskii pisatel', 1962 547 p.
(MH)

MASENKO, TEREN'. [Rye ears; lyric and poems] Zhytni kolosky; lirika i poemy. Kyiv, Radians'kyi pys'mennyk, 1962. 107 p.
(MH)

MATIUSHINA, O.K. [Song of life, autobiographical tale] Pesn' o zhizni; avtobiograficheskaia povest' Leningrad, Izd-vo TsK VLKSM "Molodaia gvardiia," 1946. 278 p. illus.
CU

MELAMUD, KH.H. [Gorge, a novel] Iliybochok; roman. Kyiv, Radians'kyi pys'mennyk, 1962. 401 p.
(MH)

MELNIS, VOLDEMĀRS. [Writers and books; articles on literary criticism] Rakstnieki un grāmatas; literatūrkritiski raksti. Riga, Latvijas Valsts izdevniecība, 1960. 319 p. [In Latvian]
(MH)

MESHCHANINOV, I.I. [Grammatical system of the Urartic language] Grammaticheskii stroi urartskogo iazyka. Moskva, Izd-vo Akad. nauk SSSR.
Pt. 2. [Structure of the verb] Struktura glagola, 1962. 85 p.

MIKHAILOV, G.I., comp. [Mongolian tales. Translated from the Mongolian] Mongol'skie skazki. Moskva, Goslitizdat, 1962. 230 p. illus.
(MH)

MIKHALKOV, S.V. [Plays: Special assignment, Laughter and tears] P'esy: Osobое zadanie. Smekh i slezy. Moskva, Iskusstvo, 1961. 93 p.
(MH)

MIRZAEV, SADYK, and KH. DANIIAROV. [Image of V.I. Lenin in Soviet Uzbek poetry Obraz V.I. Lenina v uzbekskoi sovetskoi poezii. Tashkent, Pravda Vostoka] 1960. 26 p. [In Uzbek]
(MH)

MISHURA, S.K. [Crimean rhapsody] Krymskaia rapsodiia. Kiev, Molod', 1961. 210 p.
(MH)

MISTETSKII, A.S. [Chrestomathy on the vocabulary of the English language. Approved as a textbook for students studying foreign languages at universities and pedagogic institutes] Khrestomatiia po leksike angliiskogo iazyka. Dopushcheno kak uchebnoe posobie dlia studentov fakul'tetov inostrannykh iazykov universitetov i pedagogicheskikh institutov. Kiev, Radians'ka shkola, 1960. 382 p.
(MiD)

MOKRIIEV, IU.O. [That's my son] Vin, mii syn. Kyiv, Derzhlitvydav, 1961. 61 p. (Samodiial'nyi teatr)
(MH)

MORHAIENKO, P.D., comp. [Song of the courageous; poetry] Pisnia muzhnikh, poezii. Kyiv, Radians'kyi pys'mennyk, 1960. 424 p. (Biblioteka poeta)
(MH)

MÓRICZ, ZSIGMOND. [Tattler; stories] Boltunishka, rasskazy. Moskva, Detgiz, 1958. 61 p.

MOSCOW. VSESOIUZNAIA GOSUDARSTVENNAIA BIBLIOTEKA INOSTRANNOI LITERATURY. [Charles Dickens, bibliography of Russian translations and literary criticism in the Russian language, 1838-1960] Charl'z Dikkens; bibliografiia russkikh perevodov i kriticheskoi literatury na russkom iazyke, 1838-1960. Moskva, Izd-vo Vses. knizhnoi palaty, 1962. 326 p.

MOSENDZ, LEONID. [Sowing season, a tale] Zasiv; povist'. Malin, K. Mul'kovich. 1946. 191 p.
(NN)

MOSKALETS', V.K. [The Seim overflows its banks, a tale] Seim vykhodyt z berehiv; povist'. Kyiv, Radians'kyi pys'mennyk, 1961. 305 p.
(MH)

MOZOL'KOV, E.S. [Yanka Kupala, his life and works] IAnka Kupala; zhizn' i tvorchestvo. 5. izd. Moskva, Gos. izd-vo khudozh. lit-ry, 1961. 278 p.
(WU)

MUKHTAR, ASKAD. [Birth; a novel. Translated from the Uzbek] Rozhdenie; roman. Moskva, Sovetskii pisatel', 1962. 310 p.

MUNDLIT, G.N. [Stories about writers; Bagritskii, Il'f, Petrov, Makarenko] Rasskazy o pisateliakh; Bagritskii, Il'f, Petrov, Makarenko. Moskva, Izd-vo "Znanie," 1962. 45 p. (Novoe v zhizni, nauke, tekhnike. X Serifa: Molodezhnaia, no. 20)

MURAV'EVA, N.I. [Hugo] Giugo. Moskva, Molodaia gvardiia, 1961. 382 p. illus. (Zhizn' zamechatel'nykh liudei. Serila biografii, no. 14[328])
(MH)

MUSATOV, A.I. [Klava Nazarova; a tale] Klava Nazarova; povest'. Izd perer. i dop. [Moskva] Molodaia gvardiia, 1961. 331 p.
(MH)

MUTALIEV, KHADZHI-BEKIR. [In the valley of Assa, collection of verse. Translations] V doline Assy, sbornik stikhov. Groznyi, Checheno-Ingushskoe knizhnoe izd-vo, 1961. 151 p.
(MH)

NAGAEV, G.D. [An Oka River tale; a novel] Prokskaia byl'; roman. Izd. 3. [Moskva] Mosk. rabochii, 1960. 438 p.
(IEN)

NAGIBIN, IU.M. [Chistye prudy; Stories of various years; (Pavlik); a tale; Paths and meetings] Chistye prudy. Rasskazy raznykh let. [Pavlik]; povest'. Dorogi-vstrechi. [Moskva] Mosk. rabochii, 1962. 558 p. illus.
(MH)

NAGIEVA, DZH.M. [Archives of Suleiman Sani Akhundov] S.S.Akhundov arkhivinin tesviri. Baky, Azerbaichan, SSR Elmler akademiiasy neshriiaty, 1962. 89 p. [In Azerbaijani with summary in Russian]

NAGISHKIN, D.D [Quiet bay; a tale] Tikhaia bukhta; povest'. [Moskva] Molodaia gvardiia, 1962. 133 p. illus.
(MH)

NAHNYBIDA, M.L. [Selected works] Vybrani tvory. Kyiv, Derzh. vyd-vo khudozh. lit-ry, 1961. 2 v.
(IU)

NEKLIUDOVA, O.S. [My home; a tale] Moi rodnoi dom; povest'. Moskva, Sovetskii pisatel', 1961. 158 p. illus.
(MH)

NEKLIUDOVA, O.S. [She couldn't make a mistake; short stories] Ona ne mogla oshibitsia; neskol'ko novell. [Moskva] Mosk. rabochii, 1961. 137 p.
(MH)

NEKRASOV, G.A. [Lights at the city gate; verse] Zastavskie ogni; stikhi. Leningrad, Sovetskii pisatel', 1961. 190 p. illus.
(MH)

NEKRASOV, N.A. [Selected verse] Izbrannye stikhotvoreniia. [IAroslavl'] IAroslavskoe knizhnoe izd-vo, 1958. 478 p.
(WU)

NEKRASOVA, L.V. [Quests of the brave, a tale] Poiski khrabrykh, povest'. [Moskva] Molodaia gvardiia, 1961. 180 p.
(MH)

NERIS, SALOMEJA, pseud. [Verse. Translated from the Lithuanian] Stikhi. Moskva, Goslitizdat, 1961. 230 p.
(MH)

NESTAIKO, VSEVOLOD [This was in Kiev] TSe bulo v Kyievi. Kyiv, Derzh. vyd-vo dytiachoi lit-ry URSR, 1957 92 p. illus.
(NN)

NEZIFI, M.G. [Comparative grammar of the Russian and Turkmen languages] Nekotorye voprosy sopostavitel'noi grammatiki russkogo i turkmenskogo iazykov. Ashkhabad, Turkmenuchpedgiz, 1961. 227 p.

NIKOLAEV, V.V [On a steep wave] Na krutoi volne. Moskva, Voenizdat, 1962 63 p. (Biblioteka soldata i matrosa)

NIKOLAEVA, T.S [Poetry of the German Revolution of 1848] Poeziia nemetskoi revoliutsii 1848 goda. [Saratov] Izd-vo Saratovskogo univ., 1961 163 p.
(MH)

NILIN, P.F. [Through the cemetery; a tale] Cherez kladbishche, povest'. Moskva, Goslitizdat, 1962 53 p. (Roman-gazeta, no. 14(286))

NOLL, DIETER. [Adventures of Werner Holt; a novel (conclusion). Translated from the German] Prikliucheniia Vernera Khol't; roman (okonchanie). Moskva, Gos. izd-vo khudozh. lit-ry, 1962. 110 p (Roman-gazeta, no. 18[270])

NOVAK, T.F. [Forest stories] Lesnaia byl'. Moskva, Voenizdat, 1962. 204 p.

OCHERETIN, V.K. [Salamander; a novel] Salamandra, roman. Moskva, Sovetskaia Rossiia, 1961. 304 p.
(MH)

ODUD'KO, T.R. [Songs; verse] Spivanky; poezii. L'viv, Knyzhkovo-zhurnal'ne vyd-vo, 1958. 118 p.
(IU)

OISLENDER, A.E. [Korabel'naya District, verse] Korabel'naia storona; stikhi Moskva, Voenizdat, 1962. 117 p.

OKLIANSKII, IU.M. [Silvery clouds; sketches] Serebristye oblaka; ocherki. [Kuibyshev] Kuibyshevskoe knizhnoe izd-vo, 1961. 151 p
(MH)

OKSANENKO, PETRO. [Ukrainian spelling; most important rules of Ukrainian spelling in connection with grammar] Ukrains'kyi pravopys; naiholovnishi pravyla ukrains'koho pravopysu v zv'iazku z gramatykoiu Augusburg, 1946. 53 p.
(NNC)

OLIINYK, M.IA. [Struggle for life, a story and a tale] Za zhyttia; opovidannia ta povist' Kyiv, Molod', 1962. 246 p illus.
(MH)

OLIINYK, S.I. [To wonderful fellows, the miners of the Donets Basin] Shakhtariam donets'kym, khloptsiam molodets'kym. Vyd. 2., dop. [Donetsk] Donets'ke knyzhkove vyd-vo, 1961. 84 p.
(MH)

OSTEN, V.V. [Those who survived in hell; stories] Utselovshie v adu; rasskazy. [Kaliningrad] Kaliningradskoe knizhnoe izd-vo, 1961. 94 p.
(MH)

OSTROVSKII, A.N. [Dramas in verse] Stikhotvornye dramy. Vstup. stat'ia, podgotovka teksta i primechanila L.M. Lotmana. [Leningrad] Sovetskii pisatel', 1961. 744 p. (Biblioteka poeta. Bol'shaia serila. 2. izd.)
(RPB)

OTAROV, KERIM. [Roads; verse. Translated from the Balkar] Dorogi; stikhi. Moskva, Sovetskii pisatel', 1959. 111 p.
(CLU)

[OUR CONTEMPORARIES; sketches] Nashi sovremenniki, ocherki. [Tula] Tul'skoe knizhnoe izd-vo, 1961. 174 p. illus.
(MH)

PANOV, A.S. [Girl from Gulistan, a tale] Devushka iz Gulistana; povest'. Tashkent, Esh gvardiia, 1961. 109 p. illus.
(MH)

PARKHOMENKO, O.M. [Ukrainian language; manual for normal schools] Ukrains'ka mova; pidruchnyk dlia pedagogichnykh uchylyshch. Za red. V.S.Il'ina. Vyd. 3., vypr. Kyiv, Radians'ka shkola, 1961-
(C-Vu)

PARKHOMOVSKII, P.G. [With love and anxiety; collection of verse] S liubov'iu i trevogoi, [sbornik stikhov] Kishinev, Kartia moldovenlaske, 1961. 94 p.
(MH)

PAUSTOVSKII, K.G. [Stories] Rasskazy. [Moskva] Izd-vo "Molodaia gvardiia," 1962. 268 p.

PAVLENKO, A.F. [Third autumn; verse] Tret'ia osen'; stikhi Moskva, Voen izd-vo, 1961 56 p.
(MH)

PAVLOVA, K., comp. [Verse on Siberia] Stikhi o Sibiri. [Moskva] Goslitizdat, 1961] 366 p. illus.
(MH)

PERVOMAIS'KYI, L.S [Selected works] Vybrane. Kyiv, Derzh vyd-vo khudozh lit-ry, 1954. 287 p.
(IU)

PETRENKO, P.S. [The grain ripened and was thrashed; a comedy] Vystyhlo i zmolotylosia, komedilia. Kyiv, Derzhlitvydav, 1962. 42 p.
(MH)

PETROV, BORIS. [Lights of Aksuat, tale and stories] Ogni Aksuata; povest' i rasskazy. Alma-Ata, Kazgoslitizdat, 1962. 217 p.
(MH)

PETROVA, G.A. [Inculcating aesthetic tastes in students through secondary school literature lessons] O vospitanii khudozhestvennogo vkusa uchashchikhsia na urokakh literatury v srednei shkole. [Kazan'] Izd-vo Kazanskogo univ., 1951. 74 p.
(MH)

PETRUSHKOV, V.S., and A.A. LUCHOK. [Ideology and craftsmanship of M.E. Saltykov-Shchedrin and N.A. Nekrasov] Ideinost' i masterstvo, M.E. Saltykov-Shchedrin i N.A. Nekrasov. Stalinabad, Tadzhikskii gos. univ. im. V.I. Lenina, 1961. 190 p.
(MH)

PIATAEV, E.I. [Sura River melodies; verse. Translated from the Mordvinian-Erza] Surskie napovy; stikhi. Saransk, Mordovskoe knizhnoe izd-vo, 1961. 62 p.
(MH)

PILIAR, IU.E. [Story of my friend; a tale] Istoriia moego druga; povest'. [Vologda] Vologodskoe knizhnoe izd-vo, 1962. 127 p.
(MH)

PLISETSKII, M.M. [Historicism of Russian byliny] Istorizm russkikh bylin. Moskva, Vysshaia shkola, 1962. 238 p.

[POETRY DAY IN MOSCOW] Den' poezii v Moskve. Moskva, Izd-vo "Pravda," 1962. 30 p. (Biblioteka "Ogonek," no. 45)

[POETS OF AZERBAIJAN. Translated from the Azerbaijani] Poety Azerbaidzhana Predisl. P.Antokol'skogo. Obshchala red. A.N.Boldyreva i A.P. Vekilova. Moskva, Leningrad, 1962. 421 p. (Biblioteka poeta. Bol'shaia serila. 2. izd.)

POLEVOI, B.N. [Those closest to you; selected stories] Samye blizkie; izbrannye rasskazy. Moskva, Goslitizdat, 1961. 461 p.
(MH) (RPB)

POLIAKOV, S.P. [Drops of warm blood; stories] Kapli krovi goriachei; rasskazy. Kiev, Radians'kyi pys'mennyk, 1961. 152 p.
(MH)

POLIAKOVA, N.M. [July; book of new verse] Iul', kniga novykh stikhov. Moskva, Sovetskii pisatel', 1962. 114 p.
(MH)

POLIANSKII, N.S. [Far away from the homeland; a tale] Vdali ot Rodiny; povest' Minsk, Gos izd-vo BSSR, 1961. 209 p. illus.
(MH)

POLUKAROVA, M.S., and L.N. STETSUN. [Russian-Turkmen dictionary for students in grades 8-10 of the secondary school] Russko-turkmenskii slovar' dlia uchashchikhsia VIII-X klassov srednei shkoly. Ashkhabad, Turkmenskoe uchebno-pedagog. izd-vo, 1960. 137 p.

POPOV, V. A. [Two powers, a novel] Dve sily, roman. [Perm'] Permskoe knizhnoe izd-vo [1961] 243 p. illus. (MH)

POPOV, VIKTOR. [Beginning of a biography, stories] Nachalo biografii; rasskazy Barnaul, Altaiskoe knizhnoe izd-vo, 1961 173 p (MH)

POPOVA, I. N., ZH. A. KAZAKOVA, and N. A. KASHINSKAIA. [Textbook of the French language] Uchebnik frantsuzskogo iazyka. Moskva, Izd-vo lit-ry na inostr. iazykakh, 1961. 511 p. (CLU)

PORFIR'EV, B. A. [And eternal struggle, a tale] I vechnyi boi, povest'. [Kirov] Kirovskoe knizhnoe izd-vo, 1961. 252 p. (MH)

POSPELOV, N. I., and P. SHABLIOVSKII. [Russian literature, textbook for the eighth grade of secondary schools] Russkaia literatura; uchebnik dlia VIII klassa srednei shkoly. Pod obshchei red. N. L. Brodskogo. Izd 12. Moskva, Gos. uchebno-pedagog. izd-vo, 1952. 391 p. (CaOTU)

POTAPOV, I. A. [L. Tolstoi's epic novel "War and peace."] Roman-epopeia L. Tolstogo "Voina i mir." [Stalingrad] Stalingradskoe knizhnoe izd-vo, 1961. 38 p.

PRIEDNIEKS, KARLIS. [Heart, my friend. Translated from the Latvian] Drug moi, serdtse. Leningrad, Sovetskii pisatel', 1961. 87 p. (MH)

PRILEZHAEVA, M. P. [Pushkin's waltz; a tale] Pushkinskii val's; povest' Moskva, Sovetskii pisatel', 1961. 193 p. illus. (MH)

PRYLIUK, D. M. [Village in our Ukraine, sketches] Selo na nashii Ukraini, narysy. Kyiv, Derzhlitvydav, 1961. 421 p. (MH)

PUJMANOVA, MARIE (HENNEROVA). [People at the crossroads. Playing with fire. Life against death. Translated from the Czech] Liudi na perepute. Igra s ogniem. Zhizn' protiv smerti. Pod red. B. Shupletsova. Kyiv, Derzhlitvydav, 1961. 706 p. illus. (MH)

PUSHKIN, A. S. [Novels and tales] Romany i povesti. Moskva, Gos izd-vo khudozh lit-ry, 1961 358 p. (MWelC)

PUSHKIN, A. S. [Ruslan and Liudmila, poem in six songs] Ruslan i Liudmila, poema v shesti pesniakh. Moskva, Gos. izd-vo detskoi lit-ry Narkomprosa RSFSR, 1945. 114 p. col. plates. (CU)

PUSHKIN, A. S. TSygany, The gipsies. With an introduction, notes and vocabulary by P. Henry. London, Bradda Books Ltd. [1962] 50 p. (The library of Russian classics) (NNC)

PUTINTSEV, A. G. [Most beautiful; stories] Samaia krasivaia; rasskazy. [Zaporozh'e] Zaporozhskoe knizhno-gazetnoe izd-vo, 1961. 126 p. illus. (MH)

PUTRAMENT, JERZY. [September; a novel. Translated from the Polish] Sentiabr'; roman. Moskva, Izd-vo inostr. lit-ry, 1961. 480 p. (CLU)

PYZHIKOU, V. [White Russian press in the struggle for the carrying out of the historical decisions of the 21st Congress of CPSU] Druk Belarusi u barats'be za vykananne historychnykh rashenniau XXI z'ezda KPSS. Minsk, Dzinrzh. vyd-va BSSR, 1960. 194 p. (MH)

RACHADA, IVAN, pseud. [On the blue Danube; drama] Nad golubym Dunaiem, drama. Kyiv, Derzhlitvydav, 1962. 97 p. (MH)

RADIMOV, P. A. [Cloudburst] Liven'. [Moskva] Mosk. rabochii, 1962. 63 p.

RADTSIG, S. I. [Classical literature; its creative and historical significance as a part of the ancient Greek and Roman culture] Antichnaia literatura; ee khudozhestvennoe i istoricheskoe znachenie v sviazi s obshchei kul'turoi drevnikh grekov i rimlian. [Moskva] Izd-vo Mosk. univ., 1962. 126 p. (Narodnyi universitet kul'tury na domu)

RADYGIN, A. V. [Ocean salt, verse] Okeanskaia sol', stikhi. Moskva, Sovetskii pisatel', 1962. 101 p. (MH)

RAKHIM, IBRAGIM [Our captains, tale and stories. Translated from the Uzbek] Nashi kapitany, povest' i rasskazy. Tashkent, Goslitizdat UzSSR, 1961. 140 p (MH)

RAKHMAN, SABIT. [Nightingale; stories and tales. Translated from the Azerbaijani] Solovei; rasskazy i povesti. Moskva, Goslitizdat, 1961. 169 p. (MH)

RAKHMATULLAEV, SHAVKAT, and AZIM KHODZHIEV. [Spelling of compound words and a dictionary] Kushma suzlarning imlo koidalari va lugati Toshkent, Urta va olii maktab, 1961. 50 p. [In Uzbek]

RAUD, MART. [With a fixed stare; stories. Translated from the Estonian] Ne otvodia glaz, rasskazy. Moskva, Sovetskii pisatel', 1962. 341 p. illus. (MH)

RECHMEDIN, VALENTYN. [Spring thundershowers; a novel] Vesniani hrozy; roman. Kyiv, Radians'kyi pys'mennyk, 1961. 476 p. illus. (MH)

REDZHEPOV, SAKHAT. [Creative path of the poet Amandurdy Alamyshev] Tvorcheskii put' poeta Amandurdy Alamysheva. Ashkhabad, Izd-vo Akad. nauk TSSR, 1961. 106 p. [In Turkmen]

RESHETOV, A. E. [Our homeland; selected verse] Storona rodnaia; izbrannye stikhotvoreniia. [Leningrad] Leningr. gazetno-zhurnal'noe i knizhnoe izd-vo, 1940 176 p. (CU)

REZNIKOV, P. D. [Peasants. Great crisis; in two parts] Seliane. Velykyi perelom; dylogiia. Kyiv, Derzhlitvydav, 1961. 549 p. (MH)

RIABCHIKOV, E. I. Reporter. Moskva, Detgiz, 1962. 187 p.

ROMANCHENKO, M. Z. [In search of a song; verse] Pisniu idu shukaty, poezii. Kyiv, Radians'kyi pys'mennyk, 1961. 82 p. (MH)

ROMANOV, A. A. [Filial love] Synov'ia liubov'. [Vologda] Vologodskoe knizhnoe izd-vo, 1961. 87 p. (MH)

ROSLYI, S. L. [Fire on myself; a tale] Ogon' na sebia; povest'. [Khabarovsk] Khabarovskoe knizhnoe izd-vo, 1961. 94 p. (MH)

ROZANOVA, A., comp. [Let's draw the curtain; collected plays to be performed as a part of extra-curricular activities in schools] Otkryvaem zanaves; sbornik p'es dlia shkol'noi samodeiatel'nosti. Moskva, Detgiz, 1962. 319 p. (Shkol'naia biblioteka)

ROZEN, A. G. [Times and people; a novel] Vremena i liudi; roman. Moskva, Sovetskii pisatel', 1962. 366 p. (MH)

ROZHDESTVENSKAIA, K. V. [Introduction to life. Selected works] Vstuplenie v zhizn'. [Izbrannoe. Perm] Permskoe knizhnoe izd-vo, 1961. 508 p. illus. (MH)

ROZHDESTVENSKII, V. A. [Russian sunrise and sunset; lyrics of various years] Russkie zori; lirika raznykh let. Moskva, Goslitizdat, 1962. 338 p.

ROZHKOV, V. P. [Black fog; a tale] Chernyi tuman; povest'. [Omsk] Omskoe knizhnoe izd-vo, 1961. 207 p. (MH)

RUBLEV, V. F. [Family; a novel] Sem'ia; roman. [Chelliabinsk] Chelliabinskoe knizhnoe izd-vo, 1961. 331 p. (NNC)

RUSSIA (1923- U. S. S. R.) Glavnoe politicheskoe upravlenie Sovetskoi Armii i Voenno-Morskogo Flota. [Enticing heights; sketches of soldier-heroes of our times] Maniashchie vysoty; ocherki o voinakh - geroiakh nashikh dnei. [Moskva, 1961] 46 p. (Bibliotechka zhurnala "Sovetskii voin," no. 18 [421])

[RUSSIAN-BURMESE POCKET DICTIONARY] Kai manyi russko-birmanskii slovar'. Sost. U Chin Vei i A. I. Borovikov. Okolo 7500 slov. Moskva, Gos. izd-vo inostr. i natsional'nykh slovarei, 1962. 756 p.

RUT'KO, A. I. [At the green cradle, a tale] U zelenoi kolybeli; povest'. Moskva, Sovetskii pisatel', 1962. 215 p. (MH)

RUTTER, ALEKSANDR [Workers; a novel] Aiaty; roman [Leningrad] Sovetskii pisatel', 1946 261 p (CU)

RYBOCHKIN, A. I [Spring showers; verse] Vesennii dozhd', stikhi [Khabarovsk] Khabarovskoe knizhnoe izd-vo, 1961. 70 p. illus (MH)

RYL'S'KYI, MAKSYM. [Garden over the sea, verse] Sad nad morem; poezii. Kyiv, Radians'kyi pys'mennyk, 1955. 127 p. (IU)

RYL'S'KYI, MAKSYM [On people and for people; articles on literature and art] Pro liudynu, dlia liudyny, statti pro literaturu i mystetstvo. Kyiv, Radians'kyi pys'mennyk, 1962. 351 p. (MH)

RYL'S'KYI, MAKSYM. [Works] Sochinenila. Moskva, Goslitizdat, 1962- (MH)

SADAI, V. [Friends are together again; tales and stories] Tusam kalleki perle Shupashkar, Chavash ASSR gos izdatel'stvi, 1962 198 p [In Chuvash]

SADAI, V. L. [Lightning] Shevlesem. [Cheboksary] Chavash ASSR Gos. izd-vo, 1960. 214 p. [In Chuvash] (ICU)

SADETSKAIA, A. S. [Practical course in the Rumanian language] Prakticheskii kurs rumynskogo iazyka. Moskva, Izd-vo IMO, 1962. 341 p.

SAIANOV, V. M. [Years of glory] Gody slavy. [Leningrad] Leningr. gazetno zhurnal'noe i knizhnoe izd-vo, 1946. 219 p. (CU)

SAND, GEORGE, pseud. of Mme Dudevant. [Horace; a novel. Translated from the French] Oras, roman. Moskva, Gos. izd-vo khudozh. lit-ry, 1960. 349 p. illus.

SAND, GEORGE, pseud. of Mme. Dudevant. [Master mosaicists, a tale. Translated from the French] Mastera mozaiki, povest'. Moskva, Gos. izd-vo detskoi lit-ry, 1961. 126 p. (C)

SAND, GEORGE, pseud. of Mme Dudevant. [Sin of Mr. Antoine. Translated from the French] Grekh gospodina Antuana. Moskva, Izvestiia, 1960. 409 p. illus. (OCl)

SANIN, A. V. [Coincidence; humorous stories] Stechenie obstoiatel'stv; iumoristicheskie rasskazy. [Irkutsk] Irkutskoe knizhnoe izd-vo, 1961. 54 p. (Pervaia kniga pisatelia) (MH)

SARTAKOV, SERGEI. [Alekse Khudonogov; stories] Alekse Khudonogov, rasskazy. [Leningrad] Sovetskii pisatel', 1946. 175 p. (CU)

SAULITIS, BRUNO. [Spring snowstorm; verse. Translated from the Latvian] Vesennaia metel'; stikhi. Moskva, Sovetskii pisatel', 1961. 75 p. illus. (MH)

SAYAT-NOVA. [Verse. Translated from the Armenian] Stikhotvoreniia. Vstup. stat'ia, podgotovka teksta i primechaniia Surena Gaisar'iana. [Leningrad] Sovetskii pisatel' [1961] 290 p. (Biblioteka poeta. Malaia seriia. Izd. 3.) (CSt)

SCHILLER, J. C. F. [Maria Stuart; a tragedy in five acts. Translated from the German] Mariia Stiuart; tragediia v piati deistviiakh. Moskva, Iskusstvo, 1960. 198 p. (MiU)

SEITAKOV, BEKI. [Poet; a novel. Translated from the Turkmen] Poet; roman. Moskva, Sovetskii pisatel', 1961. 196 p. (CLU)

SEITOV, SAGINGALI. [Drops on the poplars, verse Translated from the Kazakh] Kapli na topoliakh; stikhi. Alma-Ata, Kazakh. goslitizdat, 1961 69 p (MH)

SERGEICHEVA, A.F. [Atheism in the poetry of Maiakovskii, use of belles-lettres in anti religious propaganda] Ateizm v poezii Maiakovskogo; ob ispol'zovanii khudozhestvennoi literatury v antireligioznoi propagande. [Tula] Tul'skoe knizhnoe izd-vo, 1960. 46 p. (Biblioteka v pomoshch' uchiteliu) (MH)

SHAABDURAKHMANOV, SHANAZAR. [Punctuation in the Uzbek language] Punktuatsiia v uzbekskom iazyke. Tashkent, 1955. 37 p. [In Uzbek] (MH)

SHADURI, VANO. [First Russian novel about the Caucasus] Pervyi russkii roman o Kavkaze. Tbilisi, "Zaria Vostoka," 1947. 101 p. (CU)

SHAGINIAN, M.S. [Hydroelectric power station. Recess] Gidrotsentral'. Peremena. Moskva, Gos. izd-vo khudozh. lit-ry, 1962. 509 p.

SHAKHAVETS, ULADZIMIR. [Place in life, tales. Translated from the White Russian] Mesto v zhizni; povesti. Minsk, Gos. izd-vo BSSR, 1961. 252 p. illus. (MH)

SHAKHOVSKII, B.M [Harsh tribe, ninth book of verse] Krutoe plemia; [deviatain kniga stikhov] Moskva, Voen izd-vo, 1961. 93 p. (MH)

SHALAGINA, V.K., comp. [German proverbs and sayings] Nemetskie poslovitsy i pogovorki. Moskva, Izd-vo In-ta mezhdunarodnykh otnoshenii, 1962. 86 p.

SHAMIN, ABRAR. [Colored scarf] Chechekle laulyk; khikelaler. Kazan, Tatarstan kitap neshrilaty, 1961. 92 p. [In Tatar]

SHAMURADOV, BIASHIM, and ORAZ IAZYMOV. [Concise dictionary of terms used in literary criticism; a textbook for students of secondary schools] Kratkii slovar' literaturovedcheskikh terminov; posobie dlia uchashchikhsia srednei shkoly. Ashkhabad, Turkmenuchpedgiz, 1961 132 p. [In Turkmen]

SHAPA, L.A. [Friends by your side, sketches] Riadom druz'ia; ocherki. [Moskva, 1961] 46 p. (Bibliotechka zhurnala "Sovetskii voin," no. 23[426])

SHARIPOV, MIRSALIM. [Direct and indirect speech. Priamaia i kosvennaia rech'. Tashkent] 1955. 30 p. [In Uzbek] (MH)

SHAROV, ALEKSANDR. [I am from this street; a novel] IA s etoi ulitsy, roman. Moskva, Sovetskii pisatel', 1962. 415 p. illus. (MH)

SHAROV, G.V. [Falcon from the Yasnaya River; a tale] Sokol s IAsnoi reki; povest', [Vladimir] Vladimirskoe knizhnoe izd-vo, 1961. 402 p. (MH)

SHATROV, S.M. [On our dear knoll; humorous stories and feuilletons] Na nashem dorogom bugre; fumoristicheskie rasskazy i fel'etony. [Penza] Penzenskoe knizhnoe izd-vo, 1961. 86 p. illus. (MH)

SHCHERBAK, A.I. [Present-day life in Ukrainian motion-picture dramaturgy; scenarios of Ukrainian writers, 1945-1960] Suchasnist' v ukrains'kii kinodramaturgii, stsenarna tvorchist' ukrains'kykh pys'mennykiv 1945-1960 rr. Kyiv, Derzhlitvydav Ukrainy, 1962. 236 p.

SHCHERBANOVSKII, O.S. [Arrow; a tale] Strelka; povest'. [Moskva] Molodaia gvardiia, 1962. 285 p. illus. (MH)

SHCHIPACHEV, S.P. [Thoughts; new verse] Dumy; novye stikhi. Moskva, [Izd-vo "Sovetskii pisatel"] 1962. 37 p.

SHEMETOV, A.I. [Simple discovery] Prostoe otkrytie. Krasnoiarsk [Krasnoiarskoe knizhnoe izd-vo] 1961. 33 p. (Bibliotechka sibirskogo rasskaza) (MH)

SHERGIN, B.V. [The ocean is a Russian sea, sea stories] Okean-more russkoe; pomorskie rasskazy [Moskva] Molodaia gvardiia, 1961 382 p (CLU)

SHEVCHENKO, V.A. [Legend about the sea] Legenda o more Moskva, Voen izd-vo, 1961 166 p. (MH)

SHEVELEVA, EKATERINA. [Youth, a poem] IUnosha; poema. [Moskva,] Izd-vo TsK VLKSM "Molodaia gvardiia," 1946. 49 p. (CU)

SHEVTSOV, N.I. [Renowned personality; humorous stories] Izvestnaia lichnost'; iumoristicheskie rasskazy. Alma-Ata, Kazgoslitizdat, 1961. 164 p. (MH)

SHILIN, G.I. [Lepers] Prokazhennye. Leningrad, Sovetskii pisatel', 1961 441 p. (CtY)

SHKOL'NYK, A.S [Night of the search, drama] Nich shukan; drama. Kyiv, Derzhlitvydav, 1962 69 p. (MH)

SHMIDT, B.A., pseud. [Plaiviacki, the sunny river, tale about those who are entering life] Plaiviacki, solnechnaia reka, povest' o vstupaiushchikh v zhizn'. Petrozavodsk, Gos. izd-vo Karel'skoi ASSR, 1962. 96 p. illus. (MH)

SHOGENTSUKOV, ADAM. [Vesna Sofiiat; a tale. Translated from the Kabardian] Vesna Sofiiat; povest' Moskva, Goslitizdat, 1961 141 p. (Biblioteka sovetskoi prozy) (MH)

SHOLOKHOV, M.A. [And quiet flows the Don; a novel] Tikhii Don; roman. [Moskva] Gos. izd-vo khudozh. lit-ry, 1948. 2 v. (CU)

SHOLOKHOV, M.A. [Collected works in eight volumes] Sobranie sochinenii v vos'mi tomakh. Moskva, Izd-vo "Pravda." (Biblioteka "Ogonek") Vols. 3-5. 1962. 374 p.

SHTORM, G.P. [Children with high hopes; historical tales and stories] Deti dobroi nadezhdy; istoricheskie povesti i rasskazy. Moskva, Goslitizdat, 1962. 542 p.

SHU, CH'ING-CH'UN. [Happiness of the whole family; a play. Translated from the Chinese] Schast'e vsei sem'i; p'esa. Moskva, Iskusstvo, 1961. 85 p. [Publ. under his pseud. She, Lao] (MH)

SHUNDIK, N.E. [A spring by a birch tree; novel] Rodnik u berezy; roman. [Moskva] Molodaia gvardiia, 1961. 359 p illus. (MH)

SHUTOV, V.V. [The pull of the earth; verse and poems] Zemnaia tiaga; [stikhi i poemy] Kyiv, Derzhlitvydav, 1961. 153 p. (MH)

SIKEMAE, J., and A. TAMM, comps. [Today; sketches, journalistic articles, poems, stories] Tana; Ohukirjeldusi, publitsistikat, luulet, novelle. Tallinn, Eesti Riiklik Kirjastus, 1962. 389 p. [In Estonian]

SIL'MAN, T.I. [Dickens; study on his works] Dikens; ocherki tvorchestva. Moskva, Gos. izd-vo khudozh. lit-ry, 1959. 405 p. (MiU)

[SILVER BAGPIPE; Scottish folk tales. Translated from the English] Serebrianaia volynka; shotlandskie narodnye skazki. [Red. I.Grachev] Moskva, Izd-vo inostr. lit-ry, 1959. 117 p. (IEN)

SIMONOV, K.M. [The living and the dead; a novel] Zhivye i mertvye; roman. Moskva, Goslitizdat, 1961. 509 p. (CLU)

SINEL'NIKOV, L.I. [It happened today; a play] TSe stalosia s'ohodni; p'iesa. Kyiv, Derzhlitvydav, 1962. 64 p. (Samodiiatel'nyi teatr) (MH)

SKAZBUSH, N.I. Leshka Zhilov. [Khar'kov] Khar'kovskoe knizhnoe izd-vo, 1961. 207 p. illus. (MH)

SKAZBUSH, NIKOLAI. [Judge, a tale] Sud'ia; povest'. Kiev, Radians'kyi pys'mennyk, 1962. 165 p. (MH)

SKOBELEV, V.P [The prominent Soviet writer A.S. Neverov [pseud.]; his life and works] Vydaiushchiisia sovetskii pisatel' A.S.Neverov [pseud.]; zhizn' i tvorchestvo Kuibyshev, Ob-vo po raspr. polit. i nauchn. znanii RSFSR Kuibyshevskoe obl. upr., 1961. 29 p. (MH)

SKOSYREV, P.G. [Your obedient servant. Farkhad, Archer] Vash pokornyi sluga. Farkhad. Strelok I/ luka. Moskva, Sovetskii pisatel', 1962. 550 p. (MH)

SKOVORODA, G.S [Works] Tvory. Vidpovidal'nyi red K.I. Ostapenya. Kyiv, Vyd-vo Akad. nauk URSR Vol 2. 1961 (CU)

SMERDOV, A.I. [Letters from a traveller, verse and poems] Pis'ma s dorogi; stikhi i poemy. Moskva, Sovetskii pisatel', 1961. 139 p (MH)

SMIRNOV, L.V. [Earth restlessness, verse] Zemnoi nepokoi; stikhi Moskva, Sovetskii pisatel', 1962. 97 p. illus (MH)

SMIRNOV, V.A [Beacon lights of the taiga; verse] Taezhnye maiaki; stikhi. [Murmansk] Murmanskoe knizhnoe izd-vo, 1962. 69 p. illus. (MH)

SMOLENSK GOSUDARSTVENNYI PEDAGOGICHESKII INSTITUT IM. KARLA MARKSA [English and French philology] Angliiskaia i frantsuzskaia filologiia; sbornik statei. Smolensk, 1961 84 p. (MH)

SOBOLEV, L.S. [Chapters from the tale "Green ray," Stories] Glavy iz povesti "Zelenyi luch," Rasskazy. [Moskva] Molodaia gvardiia, 1962. 284 p.

SOIUZ PISATELEI TADZHIKISTANA. [Writers of Tajikistan] Pisateli Tadzhikistana. Stalinabad, Tadzhikgoslzdat, 1957. 84 p.

SOKOLOV, B.N. [Abkhazian tale] Abkhazskaia povest'. [Kalinin] Kalininskoe knizhnoe izd-vo, 1961. 404 p. illus (MH)

SOKOLOV-MIKITOV, I.S. [Hunter's stories] Rasskazy okhotnika. [Leningrad] Leningr. gazetno-zhurnal'noe i knizhnoe izd-vo, 1946. 201 p. (CU)

SOKOLOVA, N.V. [Nikolai Volkov's love; stories about our contemporaries] Liubov' Nikolaia Volkova; rasskazy o nashikh sovremennikakh. [Moskva] Mosk. rabochii, 1961. 173 p. (RPB)

SOLLOGUB, V.A. [Tales and stories] Povesti i rasskazy. Moskva, Goslitizdat, 1962. 390 p. (MH)

SOROKIN, A.N. [Kind sunrise, verse] Dobryi rassvet; stikhi. Moskva, Sovetskii pisatel', 1962. 78 p. (MH)

STARIKOVA, E.V. [Poetry of prose] Poeziia prozy; stat'i. Moskva, Sovetskii pisatel', 1962. 270 p. (CU)

STARYTS'KYI, MYKHAILO. [At the pier; a historical novel] U prystani; istoricheskii roman. Kiev, Molod', 1962. 675 p. illus. (MiU)

STEL'MAKH, M.P. [Right and wrong (Marko Bezsmertnyi); a novel] Pravda i kryvda (Marko Bezsmertnyi); roman. Kyiv, Radians'kyi pys'mennyk, 1961. 469 p. (CaOTU)

STEL'MAKH, M.P. [Works] Tvory. Kyiv, Derzhlitvydav, 1962- (MH)

SULABERIDZE, LADO. [Inscriptions on the rocks; verse. Translated from the Georgian] Nadpisi na skalakh; stikhi. Moskva, Sovetskii pisatel', 1962. 66 p. (MH)

SUPRUN, A. E. [Old Church Slavic numerals] Staroslavianskie chisliteľnye. Frunze, Kirgizskii gos. univ., 1961. 105 p.
(MH)

SURKOV, A. A. [Songs on humanity; verse, 1958-1961] Pesni o chelovechestve; stikhi, 1958-1961. Moskva, Sovetskii pisatel', 1961. 173 p.
(MH)

SUZDALEV, P. K. Riabushkin. Moskva, Iskusstvo, 1961. 54 p. plates
(MH)

SYDORENKO, H. K. [Fundamentals of literary criticism; lecture course for students enrolled in philology faculties of universities in the Ukrainian S. S. R.] Osnovy literaturoznavstva, kurs lektsii dlia studentiv filologichnykh fakul'tetiv universytetiv URSR. [Kyiv] Vydvo Kyivsk'koho univ., 1962. 147 p.

SYTNYK, MYKHAILO. [Railroad watchman, tale in verse] Zaliznychyi storozh, virshova povist'. [Munich?] 1947. 77 p.
(NNC)

SYZONENKO, O. O. [The sea freezes along the shores, stories and a tale] More zamerzaet u beregov; rasskazy i povest'. Moskva, Sovetskii pisatel', 1961. 260 p. illus.
(MH)

TAJIK S. S. R. Upravlenie shkol. [Program for the teaching of the Russian language and the reading of literature; for grades 5-8 of Tajik eight-year schools] Programma po russkomu iazyku i literaturnomu chteniiu dlia V-VIII klassov tadzhikskoi vos'miletnei shkoly. Stalinabad, Uchpedgiz Tadzhikskoi SSR, 1961. 54 p.

TALALAIEVS'KYI, MATVII. [Heart of a mother; dramatic story] Sertse materi, dramatychna kazka. Kyiv, Derzhlitvydav, 1962. 60 p.
(MH)

[TALES AND PROVERBS OF MADASCAR; translated from the Malagasy] Skazki i poslovitsy Madagaskara. Moskva, Izd-vo inostr. lit-ry, 1962. 110 p.

TARANUKHIN, F. F. [In our village, a tale] V nashom sele, povest'. Izhevsk, Udmurtskoe knizhnoe izd-vo, 1961. 191 p.
(MH)

TARBA, NELLI. [Heart of spring; verse. Translated from the Abkhazian] Serdtse vesny; stikhi. Moskva, Sovetskii pisatel', 1961. 58 p.
(MH)

TAT'IANICHEVA, L. K. [Most cherished; verse] Samoe zavetnoe; stikhi. [Cheliabinsk] Cheliabinskoe knizhnoe izd-vo, 1961. 278 p.
(MH)

TELIHA, OLENA. [Soul on guard, selected verse] Dusha na storozhi; vybir poezii. [Munich?] Kul'tura, 1946. 31 p.
(InU)

TEMCHENKO, IE. V. [The Ukrainian language; textbook for grade 3 of the Russian school] Ukrains'ka mova; pidruchnyk dlia III klasu shkil z rosiis'koiu movoiu navchannia. Vyd. 11. Kyiv, "Radians'ka shkola," 1958. 175 p.
(NNC)

TENDRIAKOV, V. F. [Tales] Povesti. [Moskva] Moskovskii rabochii, 1961. 590 p.
(MH)

TENDRIAKOV, V. F. [The trial; a tale] Sud, povest'. Moskva, Sovetskii pisatel', 1961. 114 p.
(MH)

TER-MKRTICHIAN, L. K., ed. [Avetik Isaakian in Russian literary criticism; articles, opinions, letters] Avetik Isaakian v russkoi kritike; stat'i, vyskazyvanila, pis'ma. Erevan, Armgosizdat, 1961. 174 p.
(CU)

TEREKOV, E. A. [Rescued moon; stories] Spasennaia luna; rasskazy. [Donetsk] Donetskoe knizhnoe izdvo, 1961. 55 p.
(MH)

TEVEKELIAN, V. A. [Granite does not melt; from the notes of an agent of the All-Russian Extraordinary Commission for Combating Counterrevolution and Sabotage; a novel] Granit ne plavitsia; iz zapisok chekista; roman. Moskva, Sovetskii pisatel', 1962. 534 p. illus.
(MH)

TEVELEV, M. G. [Stories of flowers] Rasskazy o tsvetakh. Uzhgorod, Zakarpatskoe obl. knizhno-gazetnoe izd-vo, 1961. 81 p.
(MH)

TIKHOMOLOV, B. E. [Skylarks; stories] Zhavoronki, rasskazy. [Moskva] 1962. 45 p. (Bibliotechka zhurnala "Sovetskii voin," no. 13[440])

TIKHONOV, A. N., linguist. [The conditional category in the modern Russian language] Kategoriia sostoianiia v sovremennom russkom iazyke. Samarkand, 1960. 41 p.
(CtY)

TIMOFEEV, B. N. [Thorns and roses, satiric verse] Shipy i rozy, satiricheskie stikhi. Leningrad, Sovetskii pisatel', 1961. 137 p.
(MH)

TITOV, V. S. [Son-in-law; sketches] Ziat', ocherki. Moskva, Pravda, 1962. 47 p. (Biblioteka Ogonek, no. 30)
(MH)

TIUTCHEV, F. I. [Verse] Stikhotvoreniia. Vstup. stat'ia i podgotovka teksta N. IA. Berkovskogo. Primechaniia N. V. Koroleva. Leningrad [Sovetskii pisatel'] 1962. 426 p. (Biblioteka poeta. Malaia seriia. Izd. 3.)
(CSt)

TIUTIUNNYK, HRYHORII. [Whirlpool; a novel] Vodovorot; roman. Moskva, Sovetskii pisatel', 1962. 275 p.
(MH)

TRESKUNOV, M. S. [Victor Hugo; a study on his works] Viktor Giugo; ocherk tvorchestva. Izd. 2., dop. Moskva, Goslitizdat, 1961. 474 p.
(MH)

TSIAVLOVSKII, M. A. [Articles on Pushkin] Stat'i o Pushkine. Moskva, Izd-vo Akad. nauk SSSR, 1962. 433 p.

TSITSISHVILI, G. S. [Sketches on theater and drama. Ocherki o teatre i dramaturgii. Tbilisi, Khelovneba] 1959. 318 p. [In Georgian]
(MH)

TSKHOVREBOV, I. L. [Coeval of the mountains, verse. Translated from the Ossetic] Rovesnik gor; stikhi. Tbilisi, Izd-vo Soiuza pisatelei Gruzii "Zaria Vostoka," 1962. 132 p.

TSVERAVA, SIMON. [Essays on literature. Ocherki o literature. Tbilisi, Sabchota Sakartvelo, 1960] 255 p. [In Georgian]
(MH)

TULUB, Z. P. [Sagaidachnyi; historical novel] Sagaidachnyi; istoricheskii roman. Moskva, Sovetskii pisatel', 1962. 805 p.
(MH)

TURGENEV, I. S. [Collected works in ten volumes] Sobranie sochinenii v desiati tomakh. Moskva, Goslitizdat.
Vol. 7. [Tales and stories, 1863-1870] Povesti i rasskazy, 1863-1870. 1962. 253 p.

TURGENEV, I. S. [Fathers and sons] Ottsy i deti. [Leningrad] Leningradskoe gazetno-zhurnal'noe i knizhnoe izd-vo, 1946. 202 p.
CU

TURGENEV, I. S. [Singers. A living relic. Forest and steppe] Pevtsy. Zhivye moshchi. Les i step'. Moskva, Gos. izd-vo khudozh. lit-ry, 1946. 60 p.
(CU)

[TURKMEN PROVERBS AND SAYINGS] Turkmenskie poslovitsy i pogovorki. Ashkhabad, Turkmenskoe gos. izd-vo, 1961. 165 p.

TUSHNOVA, V. M. [Second breath; new book of verse] Vtoroe dykhanie; novaia kniga [stikhov]. Moskva, Sovetskii pisatel', 1961. 137 p.
(MH)

TVARDOVSKII, A. T. [Vasilii Terkin; a book about a fighter] Vasilii Terkin; kniga pro boitsa. [Leningrad] Gos. izd-vo khudozh. lit-ry, 1946. 64 p. (Romangazeta, no. 4)
(CU)

[UKRAINIAN RIDDLES] Ukrains'ki zahadky. Kyiv, Derzh. vyd-vo khudozh. lit-ry, 1962. 155 p.

ULUG-ZODA, SATYM. [The morning of our life; a tale. Translated from the Tajik] Utro nashei zhizni, povest'. Moskva, Sovetskii pisatel', 1962. 342 p.
(MH)

UPITS, ANDREJS. [Selected plays] Izbrannye p'esy. Riga, Latgosizdat, 1954. 568 p.
(MH)

USACHEV, P. A. [Flood time on the Dnieper; verse] Dneprovskoe polovod'e; stikhi. Kiev, Radians'kyi pys'menny, 1962. 77 p.
(MH)

USENKO, P. M. [Selected works] Vybrane. Kyiv, Derzh. vyd-vo khudozh. lit-ry, 1955. 369 p.
(IU)

USMANOV, SAID. [Interjectional sentences] Mezhdometnye predlozheniia. Tashkent, 1955. 20 p. [In Uzbek]
(MH)

USTINOVICH, N. S. [Stronger than iron] Krepche zheleza. [Krasnoiarsk] Krasnoiarskoe knizhnoe izd-vo, 1961. 40 p. (Bibliotechka sibirskogo rasskaza, no. 11)
(MH)

UTKIN, I. P. [Verse and poems] Stikhotvoreniia i poemy. Moskva, Gos. izd-vo khudozh. lit-ry, 1961. 320 p.
(NN)

UVAISI, pseud., fl. 19th cent. [Verse. Translated by M. Fofanova] Stikhi [By] Uvaisi, Makhzuna i Nadira. [Perevody M. Fofanovoi. Pod red. S. Lipkina] Tashkent, Goslitizdat Uzbekskoi SSR, 1961. 69 p.
(MH)

UVAROVA, L. Z. [Older sister; tale and stories] Starshaia sestra, povest' i rasskazy. [Moskva, Sovetskii pisatel', 1962. 348 p.
(MH)

V. G. KOROLENKO IN THE REMINISCENCES OF HIS CONTEMPORARIES] V. G. Korolenko v vospominaniiakh sovremennikov. [Moskva] Goslitizdat, 1962. 663 p. (Seriia literaturnykh memuarov)
(MH)

VASHCHENKO, V. S., comp. [Samples of the present day Ukrainian language and drill exercises] Zrazky suchasnoi ukrains'koi movy ta vpravy dlia navchannia. Kharkiv, Vyd-vo Kharkivs'koho univ., 1961. 323 p.
(MH)

VATANOV, NIKOLAI. [Snowstorm; collection of humorous stories] Metelitsa; sbornik iumoristicheskikh rasskazov. [Munich] 1962. 237 p.

VEIZE, A. A., and B. E. ZARUBIN. [English; an English language textbook for the ninth grade of secondary schools] English; uchebnik angliiskogo iazyka dlia IX klassa srednei shkoly. Izd. 3. Moskva, Gos. uchebnopedagog. izd-vo, 1961. 150 p.
(TNJ)

VEIZE, A. A., and B. E. ZARUBIN. [English; an English language textbook for the tenth grade of secondary schools] English, uchebnik dlia angliiskogo iazyka dlia X klassa srednei shkoly. Moskva, Gos. uchebnopedagog. izd-vo, 1960. 172 p.
(TNJ)

VENCLOVA, ANTANAS. [Friendship (coming of age); a novel. Translated from the Lithuanian] Druzhba (vstuplenie v zrelyi vozrast); roman. Moskva, Goslitizdat, 1962. 341 p.

VETEIKIS, V. [The sky is always clear] Dangus visuomet zydras. Vilnius, Valstybine grozines literaturos leidykla, 1962. 291 p. [In Lithuanian]

VILDE, EDUARD. [The milkman of Maekula; novel] Maekula piimamees; roman. Tallinn, Eesti Riiklik Kirjastus, 1960. 220 p.
(CtY)

VINOKUROV, E. M. [Lyrics] Lirika. Moskva, Gos. izd-vo khudozh. lit-ry, 1962. 310 p.
(CtY)

VLADIMOV, G. N. [Large deposits of ore; a tale] Bol'shaia ruda; povest'. Moskva, Sovetskaia Rossiia, 1962. 136 p. (Korotkie povesti i rasskazy)
(MH)

VOINOV, A. I. [In the gulf; stories] Na zalive; rasskazy. [Moskva, Voen. izd-vo M-va obor. SSSR, 1962] 40 p. (Bibliotechka zhurnala "Sovetskii voin," no. 12[439])

VOLOSHCHAK, A. V. [Semaphores are open; verse] Semafory vidkryto, poezii. L'viv, knyzhkovo-zhurnal'ne vyd-vo, 1961. 74 p.
(MH)

VOROB'EV, K.D. [In one breath, a tale] Odnim dykhaniem; povest' Moskva, Sovetskaia Rossiia, 1961 206 p illus
(MH)

VOSKRESENKO, S. I. [Let's be even better; satire and humor] Bud'mo shche krashchymy; satyra [i] humor. Kyiv, Radians'kyi pys'mennyk, 1962 140 p.
(MH)

VYSHNEVS'KYI, M F. [T.G Shevchenko, short biography] T H.Shevchenko; korotka biografiia Kyiv, Radians'ka shkola, 1961 101 p illus
(IU)

[WE LOVE OUR DEAR STALIN; verse] My liubymo ridnoho Stalina, virshi [2 , pererv vyd] Kyiv, Molod', 1951 29 p. (Dlia molodshoho viku)
(IU)

WENDROFF, ZALMAN [Days and years; stories Translated from the Yiddish] Dni i gody; rasskazy Moskva, Sovetskii pisatel', 1962 382 p.

[YASNAYA POLYANA COLLECTION; articles and materials for the year 1962] IAsnopolianskii sbornik; stat'i i materialy, god 1962-i. [Tula] Tul'skoe knizhnoe izd-vo, 1962. 206 p.

YUAN CHING. [Special mission. Translated from the Chinese] Osoboe zadanie. Moskva, Molodaia gvardiia, 1961. 261 p.

YUEN-CH'AO PI-SHIH. [IUan' chao bi-shi (The secret history of the Mongols), 15 compositions of Tz'u poetry] IUan' chao bi-shi (sekretnaia istoriia mongolov), 15 tsztuanei. Moskva, Izd-vo vostochnoi lit-ry. (Pamiatniki literatury narodov Vostoka. Teksty Bol'shaia serila, no. 8)
Vol. I. [The text] Tekst. Izd. teksta i predislovie B. I. Pankratova. 1962. 602 p.

ZABARA, NATAN. [Father, a novel. Translated from the Yiddish] Otets; roman. Moskva, Sovetskii pisatel', 1961. 281 p.
(MH)

ZAGORIANSKII, E. A. [Play for high stakes; tales and stories] Bol'shaia igra, povesti i rasskazy. [Moskva] Molodaia gvardiia, 1962. 238 p.
(MH)

ZBANATS'KYI, IU. O. [Church bells; a novel] Malinovyi zvon; roman. [Moskva] Molodaia gvardiia, 1962. 430 p. illus.
(MH)

ZEKHNI, TURAKUL. [Literary forms in Tajik poetry. Khudozhestvennye pr iemy v tadzhikskoi poezii; sbornik materialov. Stalinabad, Tadzhikgosizdat] 1960. 258 p. [In Tajik]
(MH)

ZERNOVA, R. A. [Scorpion berries; a story] Skorpionovy iagody; rasskaz. Moskva, Goslitizdat, 1961. 30 p. (Rasskazy sovetskikh pisatelei)
(MH)

ZHDANOV, N.G. [In the circle of a mystery; a tale] V okruzhnostiakh tainy; povest'. Moskva, Detgiz, 1959. 142 p.

ZHDANOV, N.G. [Wind of the century; a novel] Veter veka; roman. [Moskva] Mosk. rabochii, 1962. 237 p.
(MH)

ZHDANOV, V. V. Dobroliubov. [3. izd.] Moskva, Molodaia gvardiia, 1961. 340 p. illus. (Zhizn' zamechatel'nykh liudei, no. 12[326])
(NNC)

ZHIGALOV, I.M. [At sea and at home; tales and stories] V more, doma; povesti i rasskazy. [Moskva, Voen. izd-vo, 1962] 307 p. illus.
(MH)

ZHURAVLEV, V. A. [Flight; verse] Vzlet; stikhi. Moskva, Sovetskii pisatel', 1961. 80 p.
(MH)

ZIABREV, A. E. [Yenisey River notebook; lyric notes] Eniseiskaia tetrad'; liricheskie zapiski. [Moskva] Molodaia gvardiia, 1962. 264 p.
(MH)

ZLATOGOROV, M L. [Romantics entered life The sea does not like weaklings; tales] Vyshli v zhizn' romantiki More slabykh ne liubit; povesti Moskva, Sovetskii pisatel', 1961 316 p illus.
(MH)

ZLATOGOROV, M. L. [Who stands close by, a tale] Kto stoit riadom; povest'. [Moskva] Molodaia gvardiia, 1962 127 p illus.
(MH)

ZLOBINA, I. M. [My dear ones] Blizkie moi. [Sverdlovsk] Sverdlovskoe knizhnoe izd-vo, 1961. 129 p.
(MH)

ZORIN, L. G. [Glorious May. Good souls. To see in time. On Moscow time, plays] Svetlyi mai. Dobriaki. Uvidet' vovremia. Po moskovskomu vremeni, p'esy. Moskva, Sovetskii pisatel', 1962. 320 p.
(MH)

ZUEV-ORDYNETS, M E. [Call five five...five, stories] Vyzyvaite 5.. 5. .5; rasskazy. Moskva] Molodaia gvardiia, 1961 126 p
(MH)

ZUL'FIA, pseud. [Verse. Translated from the Uzbek] Stikhotvoreniia Moskva, Goslitizdat, 1961 167 p (Biblioteka sovetskoi poezii)
(MH)

ZURABOV, A. A. Kalinka. Tbilisi, Zaria Vostoka, 1961. 94 p.
(MH)

ZVEGINTSEV, V. A [Essays on general linguistics] Ocherki po obshchemu iazykoznaniiu. [Moskva] Izd-vo Mosk. Univ., 1962. 382 p.

ZVEREV, M. D [Unsolved mysteries] Nerazgadannye tainy. Alma-Ata, Kazgoslitizdat, 1961. 97 p. illus
(MH)

12. GEOGRAPHY & GEOLOGY

AGALAROVA, D. A., Z. K. KADYROVA, and S. A. KULIEVA. [Ostracods in Pliocene and Post-Pliocene sediments of Azerbaijan] Ostrakody pliotsenovykh i postpliotsenovykh otlozhenii Azerbaidzhana. Baku, Azerbaidzhanskoe gos. izd-vo, 1961. 419 p.

AKADEMIIA NAUK ARMIANSKOI SSR, Erivan. Institut geologicheskikh nauk. [Geology of the Armenian S. S. R.] Geologiia Armianskoi SSR. Glav. red. S. S. Mkrtchian (glav. red.) i dr. Erevan, Izd-vo AN Armianskoi SSR.
Vol. I. [Geomorphology] Geomorfologiia. 1962. 430 p. map.

AKADEMIIA NAUK SSSR. Laboratoriia vulkanologii. [Classification of volcanic fragmental rocks] Klassifikatsiia vulkanogennykh oblomochnykh gornykh porod. Moskva, Gosgeoltekhizdat, 1962. 17 p.

AKADEMIIA NAUK SSSR. Mezhduvedomstvennyi geofizicheskii komitet. X razdel programmy MGG. Okeanologiia. [Papers. Sbornik statei] Moskva, Izd-vo Akad. nauk SSSR. (Rezul'taty issledovanii po programme Mezhdunarodnogo geofizicheskogo goda)
No. 6. Nazarov, V. S. [Ice of the Antarctic waters] L'dy antarkticheskikh vod. 1962. 72 p.

AKADEMIIA NAUK SSSR. Sibirskoe otdelenie. Institut merzlotovedeniia. [Permanently frozen ground and attendant phenomena in the Yakut A.S.S.R.] Mnogoletnemerzlye porody i soputstvuiushchie im iavleniia na territorii IAkutskoi ASSR Moskva, Izd-vo Akad. nauk SSSR, 1962.

AKADEMIIA NAUK SSSR. Sovet po problemam vodnogo khoziaistva. [Regime and development of water resources] Rezhim i osvoenie vodnykh ob"ektov. Moskva, Izd-vo Akad. nauk SSSR, 1962. 281 p.

BALASHOV, Z. G. [Ordovician Nautiloidea of the Siberian Platform] Nautiloidei ordovika Sibirskoi platformy. [Leningrad] Izd-vo Leningr. univ., 1962. 204 p.

[BELGOROD; a study of the past, present and future of the city] Belgorod; ocherk o proshlom, nastoiashchem i budushchem goroda. [Belgorod] Belgorodskoe knizhnoe izd-vo, 1962. 217 p.

BOTSVADZE, S. A., M. V. NIKOLEISHVILI, and P. V. VACHRIDZE. [Guide to Kutaisi. Kutaisi; putevoditel'. Kutaisi, Upr. Kul'turno-prosvetitel'nykh uchrezhdenii M-va kul'tury Gruzinskoi SSSR, 1960] 257 p. [In Georgian]

CHERNOVTSY. CHERNIVETS'KYI DERZHAVNYI KRAIEZNAVCHYI MUZEI. [Guide to the State Local Geography Museum of Chernovtsy] Putivnyk. Kyiv, Derzhpolitvydav URSR, 106 p.

DANILEVSKAIA, S. I., and N. V. IAKOVLEVSKAIA, comps. [Concise Polish-Russian dictionary of geology and geography] Kratkii pol'sko-russkii geologo-geograficheskii slovar'. Pod red. L. G. Kamanina. Moskva, Glav. red. inostr. nauchno-tekhn. slovarei Fizmatgiza, 1962. 243 p.

DAR, D. IA., and A. M. EL'IANOV. [There, around the curve, 30,000 kilometers on bicycles and motorcycles] Tam za povorotom; 30,000 km na velosipedakh i mototsiklakh. [Moskva] Molodaia gvardiia, 1962. 270 p

DROZDOV, O. M., and V. V. PETRENKO. [Odessa Province; geographical sketch] Odes'ka oblast', geografichnyi narys. Kyiv, Radians'ka shkola, 1959. 97 p. (Oblasti Ukrains'koi RSR)
(NNC)

DZHAVRISHVILI, K. [Tiflis; concise guidebook] Tbilisi kratkii putevoditel'. Tbilisi, Sabchoia Sakartvelo, 1961. 110 p illus.

EFIMOVA, E. S. [Czechoslovakia, personal impressions] Chekhoslovakiia, po lichnym vpechatleniiam. Leningrad, Ob-vo po rasprostraneniiu polit. i nauchnykh znanii RSFSR, 1959 27 p.
(NNC)

EGOROV, V. V., O. V. SOKOLOV, and L. V. TARNOVSKII. [Compiling and editing maps] Sostavlenie i redaktirovanie kart. Moskva, Geodezizdat, 1962. 238 p.

ERDNIEV, U E. [Ancient site of Mayak, popular scientific study] Gorodishche Maiak; nauchno-populiarnyi ocherk. [Kemerovo] Kemerovskoe knizhnoe izd-vo, 1960. 66 p. illus.
(MH)

FERSMAN, A. E [Selected works] Izbrannye trudy. Moskva, Izd-vo Akad nauk SSSR
Vol 7. 1962. 592 p

GAZIZOVA, K. S. [Basic characteristics of the geology and mineralogy of the Gul'shad deposit (central Kazakhstan)] Osnovnye cherty geologii i mineralogii Gul'shadskogo mestorozhdeniia (TSentral'nyi Kazakhstan). Alma-Ata, Izd-vo Akad. nauk Kazakhskoi SSR, 1962. 204 p.

GULIAM, KHAMID. [Stories about Cuba] Rasskazy o Kube. Tashkent, Gos. izd-vo khudozh. lit-ry, 1961. 56 p.
(NNC)

[HERE I GREW UP] Cia uzaugau. Vilnius, Valstybine grozines literaturos leidykla, 1961. 301 p. [In Lithuanian]

INDANS, A. P. [Tectonic pattern of Latvia and its development in the Paleozoic] Tektonicheskaia struktura Latvii i ee razvitie v paleozoe. Riga, Izd-vo Akad. nauk Latviiskoi SSR, 1962. 175 p.

ISACHENKO, A. G. [Landform science and physicogeographical regionalization; textbook for correspondence school students] Uchenie o landshafte i fizikogeograficheskoe raionirovanie; uchebnoe posobie dlia studentov-zaochnikov. [Leningrad] Izd-vo Leningr. univ., 1962. 54 p. (V pomoshch' studentam vechernikh i zaochnykh kursov)

IVANOV, V. I. [Cuba; (album)] Kuba [al'bom]. Moskva, Sovetskii khudozhnik, 1961. 65 p. illus.
(MH)

KHALILETSKII, G. G. [Sun service; sketches] Sluzhba Solntsa; ocherki. Vladivostok, Primorskoe knizhnoe izd-vo, 1961. 118 p.
(MH)

KHUTORIANSKII, B. L. [Yaroslavl in the near future] IAroslavl' v blizhaishem budushchem. 2. izd. [IAroslavl'] IAroslavskoe knizhnoe izd-vo, 1959. 37 p.
(NNC)

KIRIUKHINA, E.I. [Lenin about our region] Lenin o nashem krae. [Kirov] Kirovskoe knizhnoe izd-vo, 1961. 63 p.
(MH)

KOCHETOV, V.A. [Hands of the people, from a Chinese diary] Ruki naroda, iz kitaiskogo dnevnika Moskva, Sovetskii pisatel', 1961. 280 p.
(MH)

KRAT'IS, K.O. [Outline of the geology and mineral resources of Karelia] Ocherk geologii i poleznykh iskopaemykh Karelii. Petrozavodsk, Gos. izd-vo Karel'skoi ASSR, 1961. 64 p.
(CLU)

KUZNETSOVA, Z.V. [Ostracods in Cretaceous sediments of northeastern Azerbaijan and their stratigraphic significance] Ostrakody melovykh otlozhenii Severo-Vostochnogo Azerbaidzhana i ikh stratigraficheskoe znachenie. Baku, Azerbaidzhanskoe gos. izd-vo, 1961. 147 p.

LATVIJAS PADOMJU SOCIALISTISKAS REPUBLIKAS ZINATNU AKADEMIJA, Vestures instituts. [Archeology and ethnography] Arheologija un etnografija, raksti 4. sejums. Riga, Latvijas PSR Zinatnu akademijas izdevnieciba. [In Latvian]
Vol. 3. 1961. 172 p.

LAVROV, A.P. [Practical exercises in the physical geography of the U.S.S.R.] SSSR-in fiziki geografiiasy boiuncha praktiki zaniatieler. Ashgabat, 1961. 54 p. [In Turkmen]

LAZARENKO, IE.K., M.P. HABINET, and O.P. SLYVKO. [Mineralogy of sedimentary formations of the cis-Carpathian region] Mineralogiia osadochnykh utvoren' Prykarpatiia. [L'viv] Vyd-vo L'vivs'koho univ., 1962. 481 p. [With summary in English]

LEBEDEV, T.S., and G.T. SOBAKAR' [Tectonics of the northeastern Azov Sea region; based on geophysical data] Tektonika severo-vostochnogo Priazov'ia; po dannym geofizicheskikh issledovanii. Kiev, Izd-vo Akad. nauk USSR, 1962. 82 p.

LINKHOVOIN, L.L. [Through the countries of Africa] Po stranam Afriki. Ulan-Ude, Buriatskoe knizhnoe izd-vo, 1961. 47 p. illus.
(MH)

LOGVINENKO, N.V., G.V. KARPOVA, and D.P. SHAPOSHNIKOV. [Lithology and genesis of the Taurian formation in the Crimea] Litologiia i genezis tavricheskoi formatsii Kryma. Pod red. N.V. Logvinenko i I.N. Remizova. Khar'kov, Izd-vo Khar'kovskogo univ., 1961. 400 p.

MOSCOW. TSENTRAL'NYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT GEODEZII, AEROS"EMKI I KARTOGRAFII. [Dictionary of Russian transliteration of Iranian geographical names] Slovar' russkoi transkriptsii geograficheskikh nazvanii Irana. Sost. V.I. Savina. Moskva, 1961. 215 p.

MOSCOW. VSESOIUZNYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT GIDROGEOLOGII I INZHENERNOI GEOLOGII. [Organic matter and microflora of underground waters and their significance in the processes of oil and gas formation] Organicheskie veshchestva i mikroflora podzemnykh vod, i ikh znachenie v protsessakh neftegazoobrazovaniia. [By] M.E. Al'tovskii i dr. Moskva, Gostoptekhizdat, 1962. 293 p.

[MY NATIVE LAND, TO THEE...] Sulle, Mu Maa, Tallinn, Eesti Riiklik Kirjastus, 1962. 125 p. (chiefly illus.) [In Estonian, Russian, German, and English]

NEZHDANOV, A.A. [From Tyumen' to Salekhard; from a travel notebook of a newspaperman] Ot Tiumeni do Salekharda; iz putevogo bloknota zhurnalista. [Tiumen'] Tiumenskoe knizhnoe izd-vo, 1961. 164 p.
(MH)

[THE OCTOBER DISTRICT OF MOSCOW] Oktiabr'skii raion Moskvy. Moskva, Sotsekgiz, 1962. 101 p.

PANIUKOV, P.N. [Engineering geology] Inzhenernaia geologiia. Moskva, Gosgortekhizdat, 1962. 342 p.

PEVZNER, M.N. [Along partisan roads] Partizanskimi dorogami. Moskva, Izd-vo DOSAAF, 1959. 143 p.
(NNC)

PUTNAM, D.F., ed. [Canada; geographical regions. Abridged translation from the English] Kanada; geograficheskie raiony. Predisl. V.M. Gokhmana i L.N. Karpova. Red. N.N. Baranskogo. Moskva, Izd-vo inostr. lit-ry, 1955. 578 p.
(MiD)

[RIVERS OF THE DAGHESTAN A.S.S.R.] Reki Dagestanskoi ASSR. [By] K.K. Giul'i dr. Makhachkala, Dagestanskoe knizhnoe izd-vo, 1961. 368 p.

ROZYEVA, T.R. [Ostracods from Paleogene sediments of Turkmenistan and their stratigraphic distribution] Ostrakody iz otlozhenii paleogena Turkmenistana i ikh stratigraficheskoe rasprostranenie. Ashkhabad, Izd-vo Akad. nauk Turkmenskoi SSR, 1962. 138 p. xxxi tables.

SENIUSHKIN, K.D. [Methods for preparing visual aids on geography] Usulkhoi taiet kardani asbobkhoi ani doi ba geografiia. Stalinobod, Nashri ieti davlatii adabieti ta"limi-pedagogii vazorati maorifi RSS Tochikiston, 1961. 40 p. [In Tajik]

SHEVIAKOV, F.N., and I.I. ZASLAVSKII. [Physical geography; textbook for the fifth grade of the evening (shift) school] Fizicheskaia geografiia; uchebnoe posobie dlia 5 klassa vechernei (smennoi) shkoly. Moskva, Uchpedgiz, 1962. 135 p.

SHINKARENKO, A.I. [Around Asia, notes of a Soviet tourist] Vokrug Azii; zametki sovetskogo turista. Vladivostok, Primorskoe knizhnoe izd-vo, 1961. 46 p. illus.
(MH)

SILIN-BEKCHURIN, A.I. [Underground waters of North Africa] Podzemnye vody Severnoi Afriki. Moskva, Izd-vo Akad. nauk SSSR, 1962. 201 p. [With summaries in French and English]

SIMPSON, G.W. [Ukraine, a series of maps and explanations indicating the historic and contemporary geographical position of the Ukrainian people. Translated from the English] Ukraina; serlia map i poiasnen' shcho z'iasovuiut istorychne znachennia i suchasne geografichne stanovyshche ukrains'koho narodu. Augsburg, Ukrains'ka knyha, 1946. [48] p. maps.
(NNC)

SIRIN, N.A. [Igneous activity and metallogenetic characteristics of the subartic and Artic Ural Mountain region] Magmatizm i ego metallogenicheskie osobennosti na Pripolarnom i Polarnom Urale. Moskva, Gosgeoltekhizdat, 1962. 287 p.

SUVANBERDIEV, TURGUNBEK [In the land of the Blue Nile; travel notes] V strane Goluboge Nila; putevye zametki. Frunze, Kirgizskoe gos. izd-vo, 1961. 51 p.
(NNC)

TSABAEV, V.G. [Along the Georgian Military Road; guidebook] Po Voenno-Gruzinskoi doroge, putevoditel'. Ordzhonikidze, Severo-Osetinskoe knizhnoe izd-vo, 1961. 66 p.

UMAROV, A. [Tectonics, and gas and oil potentials of the Bukhara-Karshi structures] Tektonika i gazoneftenosnost' iugo-vostoka Bukharo-Karshinskoi sistemy struktur. Tashkent, Izd-vo Akad. nauk UzSSR, 1962. 159 p.

UZBEK S.S.R. TSentral'nyi gosudarstvennyi arkhiv. Otdel dorevoliutsionnykh fondov. [G.D. Romanovskii; collection of documents] G.D. Romanovskii; sbornik dokumentov. Tashkent, Gosizdat Uzbekskoi SSR, 1961. 298 p. illus. (Russkie uchenye-issledovateli Srednei Azii, no. 4)
(MH)

VISTELIUS, A.B., and M.A. ROMANOVA. [Red beds of the Cheleken Peninsula; lithostratigraphy and geology] Krasnotsvetnye otlozhenia poluostrova Cheleken; litostratigrafiia i geologicheskoe stroenie. Moskva, Izd-vo Akad. nauk SSSR, 1962. 226 p.

ZUBKOV, V.V. [Brief course in general petrography] Kratkii kurs obshchei petrografii. 3 izd., perer. i dop. Moskva, Gosgortekhizdat, 1962. 237 p.

13. SCIENCE

AKADEMIIA NAUK AZERBAIDZHANSKOI SSR, Baku. [Achievements of sciences in Azerbaijan] Dostizhenila nauk v Azerbaidzhane. Baku, 1960. 192 p. [In Azerbaijani]
(CU)

AKADEMIIA NAUK KIRGIZSKOI SSR, Frunze. Institut botaniki. Sektor lesa. [Trees and shrubs of Kirghizia] Derev'ia i kustarniki Kirgizii. Sost. P.A. Dzhanaeva i dr. Frunze, Izd-vo AN Kirgizskoi SSR.
No. 2. [Families Liliaceae-Moraceae] Semeistva lileinye-tutovye. 1961. 211 p.
(DNAL)

AKADEMIIA NAUK SSSR. Sergei Ivanovich Vavilov. Vstup. stat'ia V.L. Levshina. Bibliografiia sost. T.O. Vieden-Kobetskoi. Moskva, 1949. 111 p. (Materialy k biobibliografii uchenykh SSSR. Seriia fiziki, no. 3)
(CU)

AKADEMIIA NAUK SSSR. Gidrokhimicheskii institut, Novocherkassk. [Modern methods of analyzing natural waters] Sovremennye metody analiza prirodnykh vod. Moskva, Izd-vo Akad. nauk SSSR, 1962. 203 p.

AKADEMIIA NAUK SSSR. Institut zemnogo magnetizma, ionosfery i rasprostraneniia radiovoln. Murmansk, Moskva. (Its:Materialy ionosfernykh issledovanii)
Sept.-Oct. 1957. 1960. 57 p.
Nov.-Dec. 1957. 1960. 67 p.
March-Apr. 1958. 1960. [77 p.]
Sep.-Oct. 1958. 1960. 57 p.
[MICROFILM]

AKADEMIIA NAUK [illegible]
(Rezul'taty issledovanii po programme Mezhdunarodnogo geofizicheskogo goda)
No. 9. [Auroras and night-sky light] Polianye siianila i svechenie nochnogo neba. 1962. 61 p.

AKADEMIIA NAUK SSSR. Mezhduvedomstvennyi geofizicheskii komitet. V razdel programmy MGG. Ionosfera. [Papers] Sbornik statei. Moskva, Izd-vo Akad. nauk SSSR. (Rezul'taty issledovanii po programme Mezhdunarodnogo geofizicheskogo goda)
No. 10. [Ionospheric studies] Ionosfernye issledovaniia. 1962. 154 p.

AK[illegible]
No. 1 [Magnetic and ionospheric disturbances] Magnitno-ionosfernye vozmushchenila. 1959. 72 p.

AKADEMIIA NAUK SSSR. Otdelenie biologicheskikh nauk. [Problems of space biology] Problemy kosmicheskoi biologii. Pod red. N.M. Sisakiana. Moskva, Izd-vo Akad. nauk SSSR.
Vol. 1. 1962. 461 p.

AKADEMIIA NAUK SSSR. Otdelenie ekonomicheskikh filosovskikh i pravovykh nauk. [Mathematical methods in technical and economical calculations] Matematicheskie metody v tekhniko-ekonomicheskikh raschetakh. Moskva, Izd-vo Akad. nauk SSSR, 1961. 166 p.
(DDC) (CStmoR)

AKADEMIIA NAUK SSSR. Otdelenie khimicheskikh nauk. Komissiia po tseolitam. [Synthetic zeolites; preparation, investigation, and uses] Sinteticheskie tseolity, poluchenie, issledovanie i primenenie. Moskva, Izd-vo Akad. nauk SSSR, 1962. 286 p.

AKADEMIIA NAUK URSR, Kiev. Fiziko-tekhnichnyi instytut. [Theory and design of linear accelerators] Teoriia i raschet lineinykh uskoritelei, sbornik statei. Moskva, Gosatomizdat, 1962. 347 p.

ANDRONOV, I.K., and V.M. BRADIS. [Arithmetic] Arifmetika, posobie dlia srednei shkoly. Izd. 2. Moskva, Uchpedgiz, 1962. 295 p.

ANISIMOV, B.V., and V.N. CHETVERIKOV. [Fundamentals of the theory and design of digital computers] Osnovy teorii i proektirovaniia tsifrovykh vychislitel'nykh mashin. Moskva, Mashgiz, 1962. 431 p.

ARIAZOROV, M.S. TSiolkovskii. Moskva, Izd-vo "Molodaia gvardiia," 1962. 318 p. (Zhizn' zamechatel'nykh liudei. Seriia biografii, no. 11[344])

ASLANIAN, A.T. [Principles of the quantitative theory of the earth's magnetic field] Osnovy kolichestvennoi teorii magnitnogo polia Zemli. Erevan, Aimgosizdat, 1962. 49 p.

[ASTRONOMICAL YEARBOOK OF THE U.S.S.R. FOR 1949] Astronomicheskii ezhegodnik SSSR na 1949 g. Moskva, Izd-vo Akad. nauk SSSR.
Vol. 28. 1947. 492 p.

BASHKIROV, P.N. [Study on the physical development of man] Uchenie o fizicheskom razvitii cheloveka. [Moskva] Izd-vo Mosk. univ., 1962. 339 p.

BATUM. BOTANICHESKII SAD. [Guidebook to the Batum Botanical Garden] Putevoditel' po Batumskomu botanicheskomu sadu. Batumi, 1957. 152 p. (DNAL)

BELIAEV, V. B. [Possibility of the accumulation of optical neutrinos in closed cavities] O vozmozhnosti nakopleniia opticheskikh neitrino v zamknutykh polostiakh. Dubna, Ob"edinennyi in-t iadernykh issl., 1962. 5 p.

BERG, L. S. [Selected works] Izbrannye trudy. Moskva, Izd-vo Akad. nauk SSSR.
Vol. 5. [General biology, biogeography and paleoichthyology] Obshchaia biologiia biogeografiia i paleoikhtiologiia. 1962. 513 p.

BILEN'KII, S. M., and R. M. RYNDIN. [Determining the spin of K^*] Ob opredelenii spina K^*. Dubna, Ob"edinennyi in-t iadernykh issl., 1962. 4 p.

BIOKHIMICHESKAIA KONFERENTSIIA PRIBALTIISKIKH RESPUBLIK I BELORUSSII. 1st, Tartu, 1960. [Transactions of the First Biochemical Conference of Baltic Republics and White Russia] Trudy. Tartu, Tartuskii gos. univ ESSR, 1961. 507 p.
MH

BLOKHINTSEVA, T. D., and others. [Interaction between π^--mesons and hydrogen at an energy of 340 Mev.] Vzaimodeistvie π^--mezonov s vodorodom pri energii 340 Mev. Dubna, Ob"edinennyi in-t iadernykh issl., 1962. 27 p.

BOEV, S. N., I. B. SOKOLOVA, and V. IA. PANIN. [Helminths of ungulates of Kazakhstan; in two volumes] Gel'minty kopytnykh zhivotnykh Kazakhstana; v dvukh tomakh. Alma-Ata, Izd-vo Akad. nauk Kazakhskoi SSR
Vol. 1. 1962. 373 p.

BOGOLIUBOVA, V. D. [State Nikita Botanical Garden, a guide through the arboretum] Gosudarstvennyi Nikitskii botanicheskii sad, putevoditel' po dendrologicheskomu parku. Moskva, Sel'khozizdat, 1962. 101 p.

BOGUSLAVSKII, IA. M., and S. I. VASILOV. [Bibliographic handbook on luminescent analysis in medicine and biology] Bibliograficheskii spravochnik literatury po liuminestsentnomu analizu v meditsine i biologii; s 1947 g. po iiun' 1961 g. Chita, Chitinskii gos. med. in-t, 1961. 66 p.
[MICROFILM]

CARTAN, E. J. [Riemann geometry in an orthogonal set of linearly independent vectors. Translated from the French] Rimanova geometriia v ortogonal'nom repere. Po lektsiiam Eli Kartana, chitannym v Sorbonne v 1926-1927 gg. Perevod i red. S. P. Finikova. [Moskva] Izd-vo Mosk. univ., 1960. 308 p.
(RPB)

CHERNIKOV, N. A. [Relativistic gas in a gravitational field] Relativistskii gaz v gravitatsionnom pole. Dubna, Ob"edinennyi in-t iadernykh issl., 1962. 22 p. [With summary in English]

DAKOVSKI, M., and others. [Study of the radioactivity of slag used in the production of building materials] Issledovanie radioaktivnosti shlakov primeniaemykh v proizvodstve stroitel'nykh materialov] Warsaw, 1961 9 p. (Polska Akademia Nauk. Instytut Badan Jadrowych. Report 269/I-A)
(VIU)

DOETSCH, GUSTAV. [Handbook on the practical use of the Laplace transformation, with tables compiled by R. Herschel in supplement. Translated from the German] Rukovodstvo k prakticheskomu primeneniiu preobrazovaniia Laplasa, s prilozheniem tablits, sostavlennykh R. Gershelem. Izd. 2. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1960. 207 p.
(CLU)

DRANITSYNA, G. F. [Internal conversion factors for L_I, L_{II}, and L_{III} subshells] Koeffitsienty vnutrennei konversii na L_I, L_{II}, i L_{III} - podobolochkakh. Pod red. B. S. Dzhelepova. Moskva, Izd-vo Akad. nauk SSSR, 1957. 52 p.
(RPB)

DRUIANOV, L. A. [What matter is] Chto takoe materiia. Pod red. I. D. Pantskhava. Moskva, Uchpedgiz, 1961. 80 p. (Starshemu shkol'niku)

DZHELEPOV, B. S., and G. F. DRANITSYNA. [Systematics of β-decay energies] Sistematika energii β-raspada. [Leningrad] Izd-vo Akad. nauk SSSR, 1960. 57 p. (Svoistva atomnykh iader)
(NjP)

EFIMOV, N. V. [Quadratic forms and matrices] Kvadratichnye formy i matritsy. Moskva, Fizmatgiz, 1962. 156 p. (Izbrannye glavy vysshei matematiki dlia inzhenerov i studentov vtuzov)

EL'IASHEVICH, M. A. [Atomic and molecular spectroscopy] Atomnaia i molekuliarnaia spektroskopiia. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1962. 892 p.

[ENCYCLOPEDIC PHYSICS DICTIONARY] Fizicheskii entsiklopedicheskii slovar'. Glav. red. B. A. Vvedenskii i dr. Nauchn. sovet izd-va A. P. Aleksandrov i dr. Moskva, Gos. nauchn. izd-vo "Sovetskaia entsiklopediia." (Entsiklopedii, slovari, spravochniki)
Vol. 2. E - Litii. 1962. 608 p.

EVGRAFOV, M. A. [Asymptotic estimations and integral functions] Asimptoticheskie otsenki i tselye funktsii. Izd. 2, perer. Moskva, Fizmatgiz, 1962. 199 p.

EVREINOV, E. V., and IU. G. KOSAREV. [Prospects for designing high-speed computer systems] O vozmozhnosti postroeniia vychislitel'nykh sistem vysokoi proizvoditel'nosti. Novosibirsk, Izd-vo Sibirskogo otd-niia AN SSSR, 1962. 39 p.

FRANKFURT, U. I., and A. M. FRENK. [Christiaan Huygens, 1629-1695] Khristian Giugens, 1629-1695. Moskva, Izd-vo Akad. nauk SSSR, 1962. 325 p. (Akademiia nauk SSSR. Nauchno-biograficheskaia serliia)

GAR, K. A., and R. IA. KIPIANI. [Studying the penetration and remains of phosphorus organic insecticides in plants with the aid of radioactive isotopes] Izuchenie s pomoshch'iu radioaktivnykh izotopov pronikoveniia i ostatkov fosfororganicheskikh insektitsidov v rasteniiakh. Moskva, 1955. 35 p. (Doklady, predstavlennye SSSR na Mezhdunarodnuiu konferentsiiu po mirnomu ispol'zovaniiu atomnoi energii)

GODEMENT, ROGER. [Algebraic topology and the theory of pencils. Translated from the French] Algebraicheskaia topologiia i teoriia puchkov. Pod red. A. A. Ivanova. Moskva, Izd-vo inostr. lit-ry, 1961. 319 p.
(RPB)

GODNEV, T. N., and A. A. SHLYK. [C^{14} in studying the biosynthesis of chlorophyll] C^{14} v izuchenii biosinteza khlorofilla. Moskva, 1955. 12 p. (Doklady, predstavlennye BSSR na Mezhdunarodnuiu konferentsiiu po mirnomu ispol'zovaniiu atomnoi energii)

GORSKII, N. N. [Water, a wonder of nature] Voda--chudo prirody. Moskva, Izd-vo Akad. nauk SSSR, 1962. 222 p.

GUMILEVSKII, L. I. Vernadskii. Moskva, Molodaia gvardiia, 1961. 318 p. illus. (Zhizn' zamechatel'nykh liudei. Ser. biografii, no 11[325])
(MH)

HUMBOLDT, ALEXANDER, FREIHERR VON. [Alexandr Humboldt's correspondence with Russian scientists and statesmen] Perepiska Aleksandra Gumbol'dta s uchenymi i gosudarstvennymi deiatelami Rossii. Moskva, Izd-vo Akad. nauk SSSR, 1962. 222 p.

INTERNATIONAL CONFERENCE ON HIGH-ENERGY PHYSICS. 9th, Kiev, 1959. [Ninth International Conference on High-Energy Physics, Kiev, July 15-25, 1959] Deviataia Mezhdunarodnaia konferentsiia po fizike vysokikh energii, Kiev 15-25 iiulia 1959 g. Moskva, 1961. 739 p.
(MH)

INTERNATIONAL CONGRESS OF BIOCHEMISTRY. 5th, Moscow, 1961. [Transactions of the Fifth International Congress of Biochemistry] Trudy. Moscow, Izd-vo Akad. nauk SSSR.
Vol. 4. [Evolutionary biochemistry; symposium No. 3] Evoliutsionnaia biokhimiia; simpozium III. 1962. 350 p.
Vol. 11. [Sectional reports; sections 14-28] Referaty sektsionnykh soobshchenii; sektsii 14 - 28. 1962. 681 p.

ISAEV, P. O. [Bibliography of Soviet literature on human anatomy] Bibliografiia otechestvennoi literaturatury po anatomii cheloveka. Moskva, Medgiz, 1962. 270 p.

IUDKIN, I. I. [Ichthyology] Ikhtiologiia. Izd. 4., perer. i dop. Moskva, Pishchepromizdat, 1962. 351 p.

IZMAILOV, S. V. [A course in electrodynamics for physics and mathematics faculties of pedagogical institutes] Kurs elektrodinamiki dlia fiziko-matematicheskikh fakul'tetov pedagogicheskikh institutov. Moskva, Uchpedgiz, 1962. 439 p.

KADYSHEVSKII, V. G. [Different parametrizations in quantized space-time theory] O razlichnykh parametrizatsiiakh v teorii kvantovannogo prostranstva-vremeni. Dubna, Ob"edinennyi in-t iadernykh issl., 1962. 8 p.

KADYSHEVSKII, V. G. [Model for the scalar field theory in quantized space-time] Model' skaliarnoi teorii polia v kvantovannom prostranstve-vremeni. Dubna, Ob"edinennyi in-t iadernykh issl., 1962. 8 p.

KAPLAN, I. A. [Practical studies in the numerical solution of algebraic equations, textbook for students of higher technical schools] Prakticheskie zaniatiia po chislennomu resheniiu algebraicheskikh uravnenii, posobie dlia studentov vysshikh tekhnicheskikh uchebnykh zavedenii. Khar'kov, Izd-vo Khar'kovskogo univ., 1962. 54 p.

KAUNECKIENE, JUSTINA. [Kaunas Zoological Garden] Kauno zoologijos sodas. [Vilnius, Valstybine politines ir mokslines literaturos leidykla, 1960] 157 p. illus. [In Lithuanian]

KEDROV-ZIKHMAN, O. K. [Co^{60} in studying the role of cobalt as a microelement in plant nutrition] Co^{60} v izuchenii roli kobal'ta kak mikroelementa v pitanii rastenii. Moskva, 1955. 18 p. (Doklady, predstavlennye BSSR na Mezhdunarodnuiu konferentsiiu po mirnomu ispol'zovaniiu atomnoi energii)

KHOVANSKII, G. S. [Nomograms for linear interpolation] Nomogrammy dlia lineinoi interpoliatsii. Moskva, Vychislitel'nyi tsentr AN SSSR, 1962. 14 p. 10 graphs.

KIVERIN, M. D., and M. G. SMIRNOVA. [Saturated hydrocarbons] Predel'nye uglevodorody. Arkhangel'sk, Arkhangel'skii gos. med. in-t, 1960. 16 p.
[MICROFILM]

KIVERIN, M. D., and M. G. SMIRNOVA. [Unsaturated hydrocarbons] Nepredel'nye uglevodorody. Arkhangel'sk, Arkhangel'skii gos. med. in-t, 1960. 21 p.
[MICROFILM]

KOLOSOV, I. I. [Absorptive activity of the root systems of plants] Poglotitel'naia deiatel'nost' kornevykh sistem rastenii. Moskva, Izd-vo Akad. nauk SSSR, 1962. 307 p.

KOLOSOV, N. G. [Innervation of the human digestive tract] Innervatsiia pishchevaritel'nogo trakta cheloveka. Moskva, Izd-vo Akad. nauk SSSR, 1962. 136 p.

KONFERENTSIIA PO FIZIKE PLAZMY I PROBLEME UPRAVLIAEMYKH TERMOIADERNYKH REAKTSII. 1st, Khar'kov, 1959. [Plasma physics and the problems of controlled thermonuclear synthesis; reports] Fizika plazmy i problemy upravliaemogo termoiadernogo sinteza, doklady. Kiev, Izd-vo Akad. nauk USSR, 1962. 475 p.

KONONENKO, A. I. [Calculations on an abacus; practical aid for teachers and accountants] Vychisleniia na schetakh; prakticheskoe posobie dlia prepodavatelei i schetnykh rabotnikov. Khar'kov, Izd-vo Pri-zhmol palaty USSR, 1961. 128 p.

KOZLK, S. M., ed. [Climatological description of Surkhan-Darya Province] Klimaticheskoe opisanie Surkhan-Dar'inskoi oblasti. [By] E. N. Balasheva i dr. Leningrad, Gidrometeoizdat, 1962. 114 p.

KRAMER, A. A. Russko-angliiskii matematicheskii slovar' Russian-English mathematical dictionary. [Trenton, N.J., Author, 1961] 123 p
NN OC1W

LENINGRAD. UNIVERSITET. [Philosophical problems in the present-day theory of motion in nature] Filosofskie voprosy sovremennogo ucheniia o dvizhenii v prirode. [Leningrad] 1962. 198 p.

[LINEAR ION ACCELERATORS] Lineinye uskoriteli ionov. [By] D. V. Karetnikov i dr. Moskva, Gosatomizdat, 1962. 207 p.

LIU I-CH'EN, and I. T. TODOROV. [Integral representation of the vertex part in perturbation theory] Integral'noe predstavlenie vershinnoi chasti v teorii vozmushchenii. Dubna, Ob"edinennyi in-t iadernykh issl., 1962. 6 p.

LOGUNOV, A. A., and others. [Dispersion relations and analytic properties of partial amplitudes in the perturbation theory] Dispersionnye sootnosheniia i analiticheskie svoistva partsial'nykh amplitud v teorii vozmushchenii. Dubna, Ob"edinennyi in-t iadernykh issl., 1962. 31 p.

[A MAN-MADE 'SUN "] Zemnoe solntse Moskva, Izd-vo "Pravda," 1962 62 p. (Biblioteka "Komsomol'skoi pravdy," no 9)

MARCHUK, G.I., ed. [Theory and methods of designing nuclear reactors] Teoriia i metody rascheta iadernykh reaktorov, sbornik statei. Moskva, Gosatomizdat, 1962. 258 p.

[MATERIALS ON THE PHYSICAL DEVELOPMENT OF CHILDREN AND YOUTHS IN SOME CITIES AND RURAL SETTLEMENTS OF THE U.S.S.R.] Materialy po fizicheskomu razvitiiu detei i podrostkov nekotorykh gorodov i sel'skikh mestnostei Soiuza SSR. Pod red. A.IA Gol'dfel'd, A.M. Merkova, A.G TSeitlina. Moskva, Medgiz.
No. 1. 1962. 374 p

MEL'NIKOV, V.K. [Qualitative description of resonance phenomena in a nonlinear system (I)] Kachestvennoe opisanie rezonansnykh iavlenii v nelineinoi sisteme (I). Dubna, Ob"edinennyi in-t iadernykh issl., 1962. 16 p. [With summary in English]

MEZHVUZOVSKOE SOVESHCHANIE PO KATALIZU 1st, 1958 [Catalysis in institutions of higher learning, papers of the First Interuniversity Conference on Catalysis] Kataliz v vysshei shkole, trudy. Moskva, Izd-vo Mosk. univ.
No. 1 Pt 2 1962. 325 p

MOSCOW. PERVYI MEDITSINSKII INSTITUT. Kafedra fiziki. [Practical work in physics using the method of comprehensive group studies, a textbook for laboratory work in physics for students of resident or correspondence courses at pharmaceutical institutes and faculties] Fizicheskii praktikum po metodu kompleksno-kollektivnykh issledovanii; rukovodstvo k laboratornym zaniatiiam po fizike dlia studentov farmatsevticheskikh institutov i fakul'tetov ochnogo i zaochnogo otdelenii. Moskva, 1962. 248 p.

NAVASHIN, M.S. [Telescope of an amateur astronomer] Teleskop astronoma-liubitelia Pod red D D. Maksutova. Moskva, Fizmatgiz, 1962 375 p

NENITESCU, C D [Organic chemistry Translated from the Rumanian] Organicheskaia khimiia Moskva, Izd-vo inostr. lit-ry.
Vol 1. Pod red. M I.Kabachnika 1962. 863 p.

NEZDIUROV, D. F. [A. A. Kaminskii, outstanding meteorologist and climatologist] A. A. Kaminskii, vydaiushchiisia meteorolog-klimatolog. Leningrad, Gidrometeor. izd-vo, 1953. 59 p.
(WaU)

NGUYEN VAN KH'EU. [Renormalization of the axial constant of β-decay] O perenormirovke aksial'noi konstanty β-raspada. Dubna, Ob"edinennyi in-t iadernykh issl., 1962. 6 p. [With summary in English]

NUDEL'MAN, S.I. [Use of the variable scale method for deciphering powder roentgenograms] Rasshifrovka poroshkovykh rentgenogrammm metodom peremennogo masshtaba. Moskva, Gosgeoltekhizdat, 1962. 83 p.

[ON AN ICE ISLAND] Na ledianom ostrove. Moskva, Gos. izd-vo geogr. lit-ry, 1962. 230 p.

O'RURK, A.N. [Multiplication tables] Tablitsy umnozhenila. 4., dop. izd. Moskva, Gosstatizdat, 1962. 336 p.

[PALEOMAGNETISM; collection of (translated) articles] Paleomagnetizm; sbornik statei. Moskva, Izd-vo inostr. lit-ry, 1962. 408 p.

PAVLOV, B.A., and A.P. TERENT'EV. [Course in organic chemistry] Kurs organicheskoi khimii. Izd. 4. stereotipnoe, ispr. Moskva, Goskhimizdat, 1962. 592 p.

PEREL', IU.G. [Development of our concepts about the universe] Razvitie predstavlenii o vselennoi. Izd. 2. Pod red. B.V. Kukarkina. Moskva, Fizmatgiz, 1962. 391 p.
[MICROFILM]

PEREL'MAN, IA.I [Living mathematics, mathematical stories and puzzles] Zhivaia matematika, matematicheskie rasskazy i golovolomki. Izd. 7. Moskva, Fizmatgiz, 1962. 183 p.

PERFILOV, N.A., O.V. LOZHKIN, and V.I. OSTROUMOV. [Nuclear reactions caused by high-energy particles] IAdernye reaktsii pod deistviem chastits vysokikh energii. Moskva, Izd-vo Akad. nauk SSSR, 1962. 250 p.

POLIKANOV, S.M., and others. [Formation of nuclei with anomalous periods of spontaneous fission in reactions with heavy ions] Obrazovanie iader s anomal'nym periodom spontannogo deleniia v reaktsiiakh s tiazhelymi ionami. Dubna, Ob"edinennyi in-t iadernykh issl., 1962. 6 p.

POPOV, IU.P., and IU.I.FENIN. [Analysis of averaged cross sections of neutron capture] Analiz usrednennykh secheniĭ zakhvata neitronov. Dubna, Ob"edinennyi in-t iadernykh issl., 1962. 14 p. [With summary in English]

[PRACTICAL WORK IN GENERAL BIOPHYSICS in eight issues] Praktikum po obshchei biofizike v vos'mi vypuskakh Pod obshchei red B N.Tarusova Moskva, Gos izd-vo "Vysshaia shkola "
No 6 Kol'a, O.R , and I M. Limarenko [Work with radioactive isotopes] Rabota s radioaktivnymi izotopami. 1962 202 p

PRIVALOV, I I. [Analytic geometry] Analiticheskaia geometriia Izd 27., perer i sokrashchennoe. Moskva, Fizmatgiz, 1962. 272 p

PROTSENKO, A E., and R.M. LEGUNKOVA [Technique of electron microscopic investigations in phytopathology] Tekhnika elektronnomikroskopicheskikh issledovanii v fitopatologii. Moskva, Izd-vo Akad. nauk SSSR, 1962. 46 p.

RAZUMOVICH, M.B [Entertaining physiology] Zanimatel'naia fiziologiia Minsk, Gos. uchebno-pedagog. izd vo M-va prosv. BSSR, 1962. 171 p.

RIABCHIKOV, D.I., and M.M. SENIAVIN. [Chromatographic determination of uranium in various materials] Khromatograficheskoe opredelenie urana v razlichnykh materialakh. Moskva, 1955. 16 p. (Doklady, predstavlennye SSSR na Mezhdunarodnuiu konferentsiiu po mirnomu ispol'zovaniiu atomnoi energii)

ROTKYTE, LILIJA. [Rare metals] Retieji metalai. Vilnius, Valstybine politines ir mokslines literatury leidykla, 1962. 91 p. [In Lithuanian]

[SCHOOL ASTRONOMICAL CALENDER FOR 1962] Shkol'nyi astronomicheskii kalendar na 1962 god. Moskva, Uchpedgiz.
No. 13. 1962. 74 p

SCHULER, MAX, and KH. GEBELEIN. [Tables of elliptic functions. Translated from the German] Tablitsy ellipticheskikh funktsii. Moskva, Vychislitel'nyi tsentr AN SSSR, 1961. xvii, 296 p. tables. (Biblioteka matematicheskikh tablits, no. 13)
(RPB)

SELINOV, I.P. [Periodic system of isotopes] Periodicheskaia sistema izotopov. Moskva, Izd-vo Akad. nauk SSSR. 1961. 4 tables.
——— Text. 1962. 34 p.

SHIROKOV, P.A. [Tensor analysis, the algebra of tensors] Tenzornoe ischislenie; algebra tenzorov. Izd. 2. [Kazan'] Izd-vo Kazanskogo univ., 1961. 447 p.

SHREIDER, IU.A., and others. [The method of statistical tests, Monte Carlo method] Metod statisticheskikh ispytanii, metod Monte-Karlo. Pod red IU.A. Shreidera. Moskva, Fizmatgiz, 1962. 331 p. (Spravochnaia matematicheskaia biblioteka)

SHUTLIV, F.A. [Geology and metallogeny of eastern Transbaikalia] Geologiia i metallogeniia Vostochnogo Zabaikal'ia. Moskva, Izd-vo Akad. nauk SSSR, 1962. 76 p.

SIAMOZERSKAIA KOMPLEKSNAIA EKSPEDITSIIA, 1954-1956. [Transactions of the Syamozero Expedition] Trudy. Petrozavodsk, Gos. izd-vo Karel'skoi ASSR.
Vol. 2, [Ichthyology, hydrobiology, and parasitology] Ikhtiologiia, gidrobiologiia i parazitologiia. 1962. 269 p.

SKOPETS, Z.A., and V.A. ZHAROV. [Problems and theorems in geometry (plane), a textbook for students of pedagogical institutes] Zadachi i teoremy po geometrii (planimetrii); posobie dlia studentov pedagogicheskikh institutov. Moskva, Uchpedgiz, 1962. 161 p.

SLONIM, A.D. [Specialized ecological physiology of mammals] Chastnaia ekologicheskaia fiziologiia mlekopitaiushchikh. Moskva, Izd-vo Akad. nauk SSSR, 1962. 496 p.

SOBOLEV, S.L. [Some applications of functional analysis in mathematical physics] Nekotorye primeneniia funktsional'nogo analiza v matematicheskoi fizike. Novosibirsk, Izd-vo Sibirskogo otd-niia AN SSSR, 1962. 251 p.

SOKOL'SKII, D.V. [Hydrogenation in solutions] Gidrirovanie v rastvorakh. Alma-Ata, Izd-vo AN KazSSR, 1962. 484 p.

SOLOMONIK, V.S., and P.N. MILOV. [Collection of questions and problems in mathematics; a manual for applicants to special institutions of secondary education (technical, professional, and general schools) Sbornik voprosov i zadach po matematike, posobie dlia postupaiushchikh v srednie spetsial'nye uchebnye zavedeniia (tekhnikumy, uchilishcha, shkoly). Moskva, Vysshaia shkola, " 1961. 221 p.

STRADIŅŠ, JĀNIS [Polarography of organic nitro compounds] Polarografiia organicheskikh nitrosoedinenii Riga, Izd-vo Akad nauk Latvilskoi SSR, 1961. 162 p illus. tables
(NNC)

TARASENKO, M I., and others [Laboratory work in inorganic chemistry] Praktikum po neorganicheskoi khimii. Moskva, Vysshaia shkola, 1962. 219 p.

[THERMODYNAMIC PROPERTIES OF INDIVIDUAL SUBSTANCES, reference guide in two volumes] Termodinamicheskie svoistva individual'nykh veshchestv, spravochnik v dvukh tomakh. Izd. 2., poinost'iu perer. i rasshirennoe. Pod red. V.P. Glushko (otv. red.) i dr. Moskva, Izd-vo Akad. nauk. SSSR.
Vol. 1. [Calculation of thermodynamic properties] Vychislenie termodinamicheskikh svoistv. 1962. 1161 p.
Vol. 2 [Tables of thermodynamic properties] Tablitsy termodinamicheskikh svoistv. 1962. 916 p.

TRIFONOV, N.P., G.S. ROSLIAKOV, and E A. ZHOGOLEV, eds. [Computing techniques and programming; collection of works of the Moscow University Computer Center] Vychislitel'nye metody i programmirovanie; sbornik rabot Vychislitel'nogo tsentra Moskovskogo universiteta. [Moskva] Izd-vo Mosk. univ.,
Vol. 1 1962. 349 p.

TSVETKOVA, N N , comp [Transpiration and its role in the life of plants, bibliographic index for 1926-1958] Transpiratsiia i ee znachenie v zhizni rastenii; bibliograficheskii ukazatel', 1926-1958 Pod red. F.D Skazkina. Leningrad, Akad. nauk SSSR, 1962 168 p

VEKSLER, V.I., and others. [Polarization of Λ-hyperons produced in π^--p-interactions at an energy of 7-8 Bev.] Izuchenie poliarizatsii Λ-giperonov pri rozhdenii v π^--p-vzaimodeistviiakh s energiei 7-8 Bev. Dubna, Ob"edinennyi in-t iadernykh issl., 1962. 23 p.

VESELOV, E.A [Evolution of animals and plants] Evoliutsiia zhivotnykh i rastenii Moskva, Izd-vo "Znanie," 1962 47 p. (Narodnyi universitet kul'tury: Estestvennonauchnyi fakul'tet, no. 9)

VOLOSHIN, M.P. [State Nikita Botanical Garden; guidebook] Gosudarstvennyi Nikitskii botanicheskii sad, putevoditel'. Simferopol', Krymizdat, 1960. 157 p. illus.
(CU)

VSESOIUZNYI S'EZD ANATOMOV, GISTOLOGOV I EMBRIOLOGOV. 6th, Kiev, 1958. [Transactions of the All-Union Congress of Anatomist, Histologists and Embryologists] Trudy. Khar'kov, M-vo zdravookhraneniia SSSR.
Vol. 1 1961. 943 p

WEISS, C. F. [Radioactive standard preparations, properties, production and measurement of activity. Translated from the German] Radioaktivnye standartnye preparaty, svoistva, izgotovlenie i izmerenie aktivnosti. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1958. 244 p.
(KU)

WIGNER, EUGENE PAUL. [Theory of groups and its application to the quantum mechanics theory of atomic spectra. Translation from the German] Teoriia grupp i ee prilozheniia k kvantovo-mekhanicheskoi teorii atomnykh spektrov, Perevod s dopoln. i ispr, izdaniia N.P. Klepikova. Pod red. IA. A. Smorodinskogo. Moskva, Izd-vo inostr. lit-ry, 1961. 443 p. diagrs.
(RPB)

14. MEDICINE

AKADEMIIA MEDITSINSKIKH NAUK SSSR, Moscow. [Problems of whooping cough] Problemy kokliusha Pod red. V.D Sobolevoi. Moskva, Medgiz, 1961. 133 p.
(DNLM)

AKADEMIIA MEDITSINSKIKH NAUK SSSR. Moscow. Institut nevrologii. [Problems in the clinical aspects and pathophysiology of aphasia] Voprosy kliniki i patofiziologii afazii. Pod red E. A Shmidta i R A. Tkacheva. Moskva, Medgiz, 1961 175 p
(DNLM)

BILIRIN, A F. [Textbook of infectious diseases] Uchebnik infektsionnykh boleznei Moskva, Medgiz, 1962 415 p.
(DNLM)

BUDZE, M., and A. BLUGERS, eds. [Handbook on the most important infectious diseases] Svarigakas infekcijas slimibas, rokasgramata. Riga, Latvijas Valsts izdevniecība, 1961. 309 p. [In Latvian]
(DNLM)

CHISTOVICH, A. N. [Pathological anatomy and the pathogenesis of tuberculosis, essays] Patologicheskaia anatomiia i patogenez tuberkuleza; ocherki [Leningrad] Medgiz, 1961. 119 p.
(DNLM)

DAVYDOVSKII, I. V. [The problem of causality in medicine, etiology] Problema prichinnosti v meditsine, etiologiia. Moskva, Medgiz, 1962. 174 p.
(DNLM)

DEIANOV, V. IA. [Psychic disorders associated with rheumatism in children and adolescents] Psikhicheskie narusheniia pri revmatizme u detei i podrostkov. Pod red. G. E. Sukharevoi. Moskva, Gos. nauchno-issl. in-t psikhiatrii MZ RSFSR, 1962. 186 p.
(DNLM)

DMITRIEVA, V. S., and A. I. RYBAKOV. [Treatment of injuries to the jaws in acute radiation sickness in an experiment] Lechenie travmy chelliustei pri ostroi luchevoi bolezni v eksperimente. Moskva, Medgiz, 1962. 180 p.
(DNLM)

ELIZAROVSKII, S. I., and G. I. KONDRAT'EV. [Atlas "Surgical anatomy of the mediastinum", a textbook for physicians and students] Atlas "Khirurgicheskaia anatomiia sredostenia; uchebnoe posobie dlia vrachei i studentov. Moskva, Medgiz, 1961. 106 p.
(DNLM)

ENGEL'MAN, I. M. [This is very important for one's health] Eto ochen' vazhno dlia zdorov'ia. Ioshkar-Ola, Marliskoe knizhnoe izd-vo, 1962. 153 p.
(DNLM)

FILIPPOVA-NUTRIKHINA, Z. L. [Toxoplasmosis] Toksoplazmoz. Moskva, Medgiz, 1962. 19 p. (Nauchno-populiarnaia meditsinskaia literatura)
(DNLM)

FILIPPOVICH, S. I. [Adaptive processes in disorders of the activity of the digestive system] O prisposobitel'nykh protsessakh pri narusheniiakh deiatel'nosti pishchevaritel'noi sistemy. Moskva, Medgiz, 1962. 166 p.
(DNLM)

GADELOV, A. A., and E. B. DERANKOVA. [Mastitis] Grudnitsa. [Leningrad] Medgiz, 1962. 47 p. (Nauchno-populiarnaia meditsinskaia literatura)

GRUSHKO, IA M. [Health resorts of Eastern Siberia] Kurorty Vostochnoi Sibiri. [Irkutsk] Irkutskoe knizhnoe izd-vo, 1961. 121 p
(MH)

LANIN, L. V., ed. [Collection of the most important official data on problems of industrial hygiene and industrial sanitation] Sbornik vazhneishikh ofitsial'nykh materialov po voprosam gigieny truda i proizvodstvennoi sanitarii Moskva, Medgiz
No 1. 1962 314 p
(DNLM)

KALININ, M. I. [Public health and medicine] O zdravookhranenii i meditsine Moskva, Medgiz, 1962, 170 p.
(DNLM)

KAPLAN, A. V [Fractures of the neck of the femur and their treatment] Perelomy sheiki bedra i ikh lechenie Moskva, Medgiz, 1962. 170 p
(CtY-M)

KHAMITOVA, V. Z. [Control measures for silicosis and other pneumoconioses] Silikoz i drugie pnevmokoniozy, mery bor'by s nimi. Alma-Ata, Izd-vo Akad. nauk Kazakhskoi SSR, 1961. 56 p.
(DNLM)

KHARKEVICH, D. A. [Ganglionic agents] Ganglionarnye sredstva. Moskva, Medgiz, 1962. 293 p.
(DNLM)

KHVOROV, V. V. [Endemic goiter, its etiology, pathogenesis, clinical aspects, prevention and treatment] Endemicheskii zob; etiologiia, patogenez, klinika, profilaktika i lechenie. Moskva, Medgiz, 1962. 118 p.
(DNLM)

KORNEEV, V. M., and L. V. MIKHAILOVA. [Medical service in the Patriotic War of 1812, on the sesquicentennial of the war] Meditsinskaia sluzhba v Otechestvennuiu voinu 1812 goda, k 150-letiiu voiny. Leningrad, Medgiz, 1962. 89 p.

KRUCHINSKII, G. V. [Restorative operations on the face following lupus] Vosstanovitel'nye operatsii na litse posle volchanki. Moskva, Medgiz, 1961. 135 p. (Biblioteka prakticheskogo vracha)
(DNLM)

KUSHELEVSKII, B. P., M. A. IASINOVSKII, and S. M. RYSS. [Diseases of the joints. Rheumatism. Avitaminoses] Bolezni sustavov. Revmatizm. Avitaminozy. Moskva, Medgiz, 1961. 398 p. (Rukovodstvo po vnutrennim boleznlam)
(DNLM)

[LARGE MEDICAL ENCYCLOPEDIA] Bol'shaia meditsinskaia entsiklopediia. Glav. red. A. N. Bakulev. Moskva, Gos. nauchn. izd-vo "Sovetskaia entsiklopediia."
Vol. 26. Poroshki-professional'nyi otbor. Izd. 2. 1962. 1256 columns.
———— [List of articles and terms for the letter "P" (26th vol.)] Perechen' statei i terminov na bukvu "P" (dvadtsat' shestoi tom) 4 p.
———— [Phonograph record for the article "Heart defects" (Aortal defects of the heart)] Gramofonnaia Plastinka k stat'e "Porok serdtsa" (Aortal'nye poroki serdtsa)

LEMPERTS, GRIGORIJS. [Introduction to clinical electrocardiology] Ievads klīniska elektrokardiologija. Riga, Latvijas Valsts izdevniecība, 1961. 102 p. [In Latvian]
(DNLM)

LENINGRAD. PERVYI LENINGRADSKII MEDITSINSKII INSTITUT. [Collection of works of the Department of Therapy dedicated to the memory of G. F. Lang] Sbornik rabot kafedry fakul'tetskoi terapii, posviashchennyi pamiati G. F. Langa. Leningrad, 1958. 164 p.
(WaU)

LIBOV, A. L. [Epidemic hepatitis; Botkin's disease] Epidemicheskii gepatit; bolezn' Botkina. Leningrad, Medgiz, 1962. 15 p. (Nauchno-populiarnaia meditsinskaia literatura)
(DNLM)

MEL'NIKOV, N. I. [Pathogens of suppurative diseases and their association] Vozbuditeli gnoinykh zabolevanii i ikh assotsiatsii. Moskva, Medgiz, 1962 263 p.
(DNLM)

MOGILEV, M. V. [Feminine hygiene] Gigiena zhenshchiny. Izd. 2., dop, Blagoveshchensk, Amurskoe knizhnoe izd-vo, 1961. 175 p.
(DNLM)

MOSCOW. GOSUDARSTVENNYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT PSIKHIATRII [Supporting therapy with neuroleptic agents of schizophrenics; methodological materials] Podderzhivaiushchaia terapiia neiroleptcheskimi sredstvami bol'nykh shizofrenie; metodicheskie materialy. Pod red. L. L. Rokhlina i I. G. Ravkina. Moskva, 1961. 64 p.
(DNLM)

NAUCHNAIA KONFERENTSIIA PO VOPROSAM KLIMATOPATOLOGII V KLINIKE SERDECHNO-SOSUDISTYKH ZABOLEVANII, 1st, 1959. [Problems of climatopathology in the clinical aspects of cardiovascular diseases] Voprosy klimatopatologii v klinike serdechno-sosudistykh zabolevanii. Pod red. G. M. Danishevskogo. Moskva, Medgiz, 1961. 231 p.
(DNLM)

NEMENOV, A. IA., and E. I. DMITRIEV. [Provision for medical aid at sports competitions; the problems of organization] Meditsinskoe obespechenie sportivnykh sorevnovanii; voprosy organizatsii. Moskva, Medgiz, 1962. 172 p.
(DNLM)

PENCIKS, A., G. ENINA, and J BERZINS. [Nervous diseases] Nervu slimibas. Riga, Latvijas Valsts izdevniecība, 1961. 237 p. [In Latvian]
(DNLM)

POSTOLOV, M. P [Petr Fokich Borovskii; his life and activities, 1863-1932] Petr Fokich Borovskii; zhizn' i deiatel'nost', 1863-1932 Tashkent, Medgiz UzSSR, 1961. 62 p.
(MH)

PROZOROVSKII, A. S. [Suppositories, a textbook for laboratory work] Suppozitorii; posobie dlia laboratornykh zaniatii. Moskva, 1-i Mosk. meditsinskii in-t, 1962. 20 p.
(DNLM)

PYTEL', A. IA., and others. [Artificial kidney and its clinical use] Iskusstvennaia pochka i ee klinicheskoe primenenie Pod red i s predisl A IA. Pytelia Moskva, Medgiz, 1961. 291 p.
(DNLM)

RAFALKESS, SOLOMONS. [You can avoid mastitis, if... (translated by V. Sproge)] No krusu dzledzeru lekaisuma vai izsaugatios, ja... Riga, Latvijas Valsts izdevniecība, 1961. 26 p. (Veselības bibliotekа) [In Latvian]
(DNLM)

ROBINER, I. S. [Electroencephalography as method for the study of anesthesia] Elektroentsefalografiia kak metod izucheniia narkoza. Moskva, Medgiz, 1961. 174 p.
(DNLM)

S"EZD TERAPEVTOV UKRAINSKOI SSR. 7th, 1957. [Transactions of the 7th Congress of Therapeutists of the Ukrainian S. S. R.] Trudy. Kiev, Gosmedizdat USSR, 1962. 610 p.
(DNLM)

SHABANOV, A. N., ed. [Medical handbook for feldshers] Meditsinskii spravochnik dlia fel'dsherov. Izd. 9., ispr. Moskva, Medgiz, 1962. 570 p.
(DNLM)

SHISHKOVA, V. N. [Psychoprophylaxis of pains during labor] Psikhoprofilaktika boli pri rodakh. Izd. 2, Moskva, Medgiz, 1962. 38 p. (Nauchno-populiarnaia meditsinskaia literatura)
(DNLM)

SHUL'TS, IU. F., T. V. MERTSALOVA, and L. L. SAVEL'EVA. [Textbook of the Latin language] Uchebnik latinskogo iazyka. Pod obshchei red. IU. F Shul'tsa. Moskva, Medgiz, 1962. 203 p.

TUMARKIN, TS. M. [Diagnosis and treatment of emergency pediatric states] Diagnostika i terapiia neotlozhnykh sostoianii u detei. Moskva, Medgiz, 1961. 198 p. (Biblioteka srednego medrabotnika)
(DNLM)

UKHANOVA, N. V., L. V. LEBEDEVA, and D. V. LAZAREV-STANISHICHEV. [Medical aid for the drowning victim] Meditsinskaia pomoshch' utonuvshemu. Leningrad, Medgiz, 1962. 62 p. (Biblioteka prakticheskogo vracha)
(DNLM)

VAIL', S. S., ed. [Errors of clinical diagnosis; some of the most important internal diseases] Oshibki klinicheskoi diagnostiki; nekotorye vazhneishie vnutrennie bolezni. [Leningrad] Medgiz, 1961. 202 p.
(DNLM MICROFILM)

[VASCULAR PATHOLOGY OF THE BRAIN AND SPINAL CORD, materials of a joint symposium of the nervous disease clinics of the Kishinev and Second Moscow Medical Institutes] Sosudistaia patologiia golovnogo i spinnogo mozga, materialy ob"edinennogo simpoziuma Klinik nervnykh boleznei Kishinevskogo i 2-go Moskovskogo meditsinskikh institutov. Kishinev, Gos. izd-vo "Kartia moldovenieske," 1962. 177 p.
(DNLM)

VASHKOV, V.I., and others [Handbook on disinfection, disinfestation and deratization] Spravochnik po dezinfektsii, dezinsektsii i deratizatsii Moskva, Medgiz, 1962 166 p.
(DNLM)

VERSHILOVA, P.A., and others. [Brucellosis, a handbook for physicians] Briutsellez, rukovodstvo dlia vrachei. Moskva, Medgiz, 1961. 413 p.
(DNLM)

VINOGRADOV, N.A., ed. [Public health organization in the U.S.S.R., a textbook for physicians] Organizatsiia zdravookhraneniia v SSSR, posobie dlia vrachei. 2 izd. Moskva, Medgiz, 1962. 654 p.
(DNLM)

VINOGRADOVA, T.V., and G.P. ZAITSEV, eds. [The bee and human health] Pchela i zdorov'e cheloveka. Moskva, Izd-vo M-va sel'khoz. RSFSR, 1962. 190 p.
(DNLM)

VSESOIUZNAIA NAUCHNAIA ISTORIKO-MEDITSINSKAIA KONFERENTSIIA 1st, 1959 [Summaries of reports of the All-Union Historico-Medical Conference] Tezisy dokladov, 3-9 fevralia 1959 g Leningrad, Medgiz, 1959 127 p.
(CtY)

VSESOIUZNYI KOMITET PO IZUCHENIIU REVMATIZMA I BOLEZNEI SUSTAVOV I BOR'BE S NIMI. [Problems in rheumatism; its pathogenesis, the determination of its activity and its prevention] Voprosy revmatizma; patogenez, opredelenie aktivnosti, profilaktika. Pod red. A.I. Nesterova. Moskva, Medgiz, 1961. 150 p.
(DNLM)

ZOLOTAREVA, M.M. [Eye diseases, a textbook for the practicing ophthalmologist] Glaznye bolezni; posobie dlia prakticheskogo vracha-oftal'mologa. Minsk, Gos. izd-vo BSSR. Redaktsiia nauchno-tekhn. lit-ry, 1961. 546 p.
(DNLM)

15. AGRICULTURE

AKADEMIIA NAUK SSSR. Bashkirskii filial, Ufa. Institut biologii. [Studying the foci of Bashkirian forest pests] Issledovaniia ochagov vreditelei lesa Bashkirii. Ufa, 1958. 89 p. illus.
(ICMILC)

AMANNIAZOV, D.A. [For the development of swine raising] Domuzdarchylygy ostdirelin. Ashgabat, Turkmenistan dovlet neshriiaty, 1961. 41 p. [In Turkmen]
(DNAL)

ANDRONOV, P.P. [Principles of agricultural production; a textbook for students in library schools and cultural institutions] Osnovy sel'skokhoziaistvennogo proizvodstva; uchebnik dlia uchashchikhsia bibliotechnykh tekhnikumov i kul'turno-prosvetitel'nykh shkol. Moskva, Izd-vo "Sovetskaia Rossiia," 1960. 396 p.
(NIC)

ANDRONOV, V.I. [Long life to the steel horse] Stal'nomu koniu - dolguiu zhizn'. [Moskva] Mosk. rabochii, 1961. 22 p. (Liudi, dela, plany)
(DNAL)

ANOKHIN, V.G. [The fish changes its address] Ryba meniaet adres. Moskva, Izd-vo "Znanie," 1962. 30 p. (Novoe v zhizni, nauke, tekhnike. VIII Seriia: Biologiia i meditsina, no. 17)

ANTIPIN, V.G., S.M. GRIGOR'EV, and A.B. LUR'E. [Grain harvesting combines and the organization of combine harvesting of grain crops] Zernouborochnye kombainy i organizatsiia kombainovoi uborki zernovykh kul'tur. Leningrad, Sel'khozizdat, 1962. 383 p.
(DNAL)

ARTEM'EV, V.F. [Practices in basic improvement of meadows and the growing of meadow and pasture grass seeds] Opyt korennogo uluchsheniia lugov i vyrashchivaniia semian lugopastbishchnykh trav. Moskva, Sel'khozizdat, 1961. 16 p.
(DNAL)

ASHIMKANOV, KATKELDI. [Effect of mineral fertilizers on the dynamics of growth and yield of medicinal poppy] Vliianie mineral'nykh udobrenii na dinamiku rosta i urozhainost' lekarstvennogo maka Frunze, Izd-vo Akad. nauk Kirgizskoi SSR, 1962 52 p.
(DNAL)

ASTAUROV, B.L., and others. [Effect of high temperatures on silkworm eggs] Deistvie vysokikh temperatur na grenu shelkovichnogo chervia. Moskva, Izd-vo Akad. nauk SSSR, 1962. 124 p.
(DNAL)

AVLRIN, IU V., M N. LOZAN, and SH A. ROZINSKII. [Harmful rodents in Moldavia and measures for their control] Vrednye gryzuny Moldavii i mery bor'by s nimi. Pod red IU V. Averina. Kishinev, Izd-vo "Shtiintsa," 1962. 66 p.
(DNAL)

AVROV, N.N. [Catawissa and chive] Mnogoletnyi luk i shnitt-luk [Leningrad] Lenizdat, 1961 42 p.
(DNAL)

BAIDIUK, P.V. [Bulk transportation of cotton] Pakhtani kop-kanorsiz tashish. Toshkent, Uzbekiston SSR davlat nashr ieti, 1961. 87 p. [In Uzbek]
(DNAL)

BAKHTADZE, K.E. [Development of tea culture in the U.S.S.R. Razvitie kul'tury chaia v SSSR. Tbilisi, Akad. nauk Gruzinskoi SSR] 1961. 170 p. [In Georgian]
(CU)

BRENCIS, K. [Effect of antibiotics in raising and fattening meat type swine] Antibiotisko vielu ietekme bekona cuku audzesana un nobarosana. Riga, Latvijas lopkopibas un veterinarijas zinatniski petnieciskais institute, 1961. 25 p. [In Latvian]
(DNAL)

BRUDASTOVA, M.A. [Hydraulic structures for pond fish farms] Gidrotekhnicheskie sooruzheniia prudovykh rybovodnykh khoziaistv. Moskva, Rybnoe khoziaistvo, 1962 32 p (Bibliotechka rybolova brigadira)
(DNAL)

BRUNDZA, K. [Parasitic fungi of cultivated plants in the Lithuanian S.S.R. and some problems of the biology of parasitic fungi] Parazitnye griby kul'tiviruemykh rastenii Litovskoi SSR i nekotorye voprosy biologii parazitnykh gribov. Pod red. A. Minkiavichiusa. Vil'nius, Akad. nauk Litovskoi SSR, 1961. 301 p.
(DNAL)

CHEREVATENKO, A.S. [Peach breeding in Uzbekistan; results of work over a period of 25 years] Selektsiia persika v Uzbekistane; itogi 25-letnei raboty. Tashkent, 1961. 122 p.
(DNAL)

CHURAEV, I.A. [American fall webworm] Amerikanskaia belaia babochka Izd. 2., ispr. i dop Moskva, Sel'khozizdat, 1962. 101 p
(DNAL)

[CONCISE MANUAL ON FERTILIZERS] Kratkii spravochnik po udobreniiam. Moskva, Sel'khozgiz, 1961 221 p.
(DNAL)

DEVIATKIN, A.I. [Using straw in livestock farming, preparation and feeding] Ispol'zovanie solomy v zhivotnovodstve, podgotovka i skarmlivanie. Pod red. M F Tomme. Moskva, Sel'khozizdat, 1962. 78 p.
(DNAL)

DZHANAEVA, V M. [Gathering juniper berries and growing juniper seedlings in irrigated nurseries of Kirghizistan; temorary recommendations] Sbor shishkoiagod i vyrashchivanie sejantsev archi v poliivnykh pitomnikakh Kirgizii; vremennye rekomendatsii Frunze, Izd-vo Akad. nauk Kirgizskoi SSR, 1962 20 p.
(DNAL)

ERMAKOV, P.I. [Corn is a profitable crop] Kukuruza-vygodnaia kul'tura. [Moskva] Mosk. rabochii, 1961. 27 p. (Bibliotechka kukuruzovoda-mekhanizatora)
(DNAL)

EVTUSHENKO, G.A. [Causes of the decrease of the sugar content of sugar beets in Kirghizistan] Prichiny snizheniia sakharistosti sakarnoi svekly v Kirgizii. Frunze, Izd-vo Akad. nauk Kirgizskoi SSR, 1961. 66 p.
(DNAL)

FARKHUTDINOV, K.F. [Highly productive rabbit farm] Vysokoproduktivnaia krolikovodcheskaia ferma Moskva, Sel'khozizdat, 1961 54 p.
(DNAL)

FIL'OV, D.S., and I.S. PROKAPALO. [Tillage and corn sowing] Obrobitok hruntu ta sivba kukurudzy. [Dnipropetrovs'k] Dnipropetrovs'ke knyzhkove vyd-vo, 1961 15 p (Bibliotechka kukurudzovoda)
(DNAL)

[FOR AN ABUNDANT SUPPLY OF LIVESTOCK PRODUCTS] Chorvachilik makhsulotlari mul-kulligi sari. Toshkent, "Kizil Uzbekiston," "Pravda Vostoka" va "Uzbekistoni Surkh" bilasigan nashrieti, 1961. 25 p. [In Uzbek]
(DNAL)

FREIVERGS, L. [Cultivated perennial pastures for sheep] Kultivetas ilggadigas ganibas aitam. Riga, Latvijas lopkopibas un veterinarijas zinatniski petnieciskais institute, 1961 24 p. [In Latvian]
(DNAL)

GAGARIN, G.D. [Raising lupine in the U.S.S.R.] Kul'tura liupina v SSSR Munich, In-t po izucheniiu SSSR, 1960 43 p
(IaU)

GARKUSHA, I.F. [Soil science] Pochvovedenie 5., ispr. i dop. izd. Leningrad, Izd-vo sel'khoz. lit-ry, zhurnalov i plakatov, 1961. 351 p. (Uchebniki i uchebnye posobiia dlia sel'skokhoziaistvennykh tekhnikumov)
(DNAL)

GIREANOV, V., and others [Biology and cultivation of winter wheat in Bashkiria] Biologiia i voprosy kul'tury ozimoi pshenitsy v Bashkirii Ufa, Akad. nauk SSSR, Bashkirskii filial Institut biologii, 1958. 72 p. illus.
(ICMILC)

GODEKOV, CH. [More feeds means more milk, more meat] Ot-ilm bolchulygy et-sut bolchulygydyr. Ashgabat, Turkmendovletneshir, 1960. 43 p. [In Turkmen]
(DNAL)

GOGUNSKII, G.G., and G.D. KALIUZHNYI. [Mounted and semimounted tractor plows, scarifiers, and diggers] Navesnye i polunavesnye traktornye plugi, rykhliteli, kamokopateli. Moskva, Mashgiz, 1962 159 p.
(DNAL)

GORIASHIN, V.A. [Increasing the butterfat content of cow milk] Povyshenie zhirnomolochnosti korov. [Leningrad] Lenizdat, 1961. 80 p
(DNAL)

GOSTEV, V.S. [Petr Sapunov, master of getting high corn yields] Master vysokikh urozhaev kukuruzy Petr Sapunov. Moskva, Izd-vo M-va sel'.khoz. RSFSR, 1961. 15 p. (Trudovye podvigi molodykh mekhanizatorov)
(DNAL)

[GROWING HEMP AND PROCESSING RETTED HEMP STRAW] Vyrashchivanie konopli i pererabotka tresty. Moskva, Izd-vo M-va sel'. khoz. RSFSR, 1962. 107 p.
(DNAL)

GUSEINOV, D.M. [Use of m

IKRAMOV, TALAT. [Factors increasing milk yields] Sutti kobeitiu tlazhiaiy. Nokis, Karakalpak memleket baspasy, 1961. 30 p. [In Kara-Kalpak]
(DNAL)

ISAMITDINOV, A.N. [Upsurge in the collective farm economy] Kilkhoz ekonomikasi iuksalishda. Toshkent, "Kizil Uzbekiston," "Pravda Vostoka" va "Uzbekistoni Surkh" bilashgan nashrieti, 1961. 11 p. [In Uzbek]
(DNAL)

IVANOV, N.IA , S.S LEBEDEV, and A I FILIPPOV [Methods and means for pulse crop harvesting] Sposoby i sredstva uborki zernobobovykh kul'tur Moskva, Izd-vo M-va sel' khoz RSFSR, 1961 60 p.
(DNAL)

KALASHNIKOV, K IA [Disinfection of farm crop seeds] Protravlivanie semian sel'skokhoziaistvennykh kul'tur Leningrad, Sel'khozizdat, 1961 61 p
(DNAL)

KALMYKOV, S.S. [Walnut and almond] Engok va bodom. Toshkent, Uzdavnashr, 1961. 39 p. [In Uzbek]
(DNAL)

KARAEROV, P.G., and I.A.SHUTENKO. [Method for growing sugar beet seeds without transplantation] Bezvysadochnyi sposob vyrashchivaniia semian sakharnoi svekly Moskva, Sel'khozizdat, 1962. 62 p.
(DNAL)

KARPOV, F.A., and A.V. ZHARKOV. [A vegetable "factory" of the Moscow region] Na podmoskovnoi fabrike ovoshchei. [Moskva] Mosk. rabochii, 1962. 125 p. (V oporno pokazatel'nykh khoziaistvakh)
(DNAL)

KAZAKOV, I.G. [Productivity of sugar beets on collective farms of the Chu Valley] Proizvodstvo sakharnoi svekly v kolkhozakh Chuiskoi doliny Frunze, Izd-vo Akad nauk Kirgizskoi SSR, 1961 71 p
(DNAL)

KIL'DEMA, K.T. [Improving the utilization of stony lands] Ob uluchshenii ispol'zovaniia kamenistykh zemel'. Leningrad, Sel'khozizdat, 1962. 110 p.
(DNAL)

KOCHERGIN, A.E., and A.M KOVAL'CHUK [Fertilizing soils of the non-Chernozem zone] Udobrenie pochv nechernozemnoi zony. [Omsk] Omskoe knizhnoe izd-vo, 1960. 63 p.
(DNAL)

KORBUT, L.A. [Mechanization of agriculture in Great Britain] Mekhanizatsiia sel'skogo khoziaistva Velikobritanii Moskva, Mashgiz, 1961. 186 p.
(DNAL)

KORETSKAIA, L.A. [Nature and natural feed resources of the Amur Basin] Prirodnye usloviia i estestvennye kormovye resursy basseina Amura. Moskva, Izd-vo Akad nauk SSSR, 1962. 129 p.
(DNAL)

KORNEICHUK, V.D., and E.K.PLAKIDA. [Fertilizing vineyards] Udobrenie vinogradnikov. Moskva, Sel'khozizdat, 1962. 205 p.
(DNAL)

KOVALENKO, V.I. [Mistress of the fields; a sketch] Khoziaika polei; ocherk. Moskva, Izd-vo "Znanie," 1962. 31 p. (Novoe v zhizni, nauke, tekhnike. V Serita: Sel'skoe khoziaistvo, no.19)

KOZLOV, V.I., SON CHIN-HWA, and R.ISKHAKOV. [Striving for a diversified development of agriculture] V bor'be za kompleksnoe razvitie khoziaistva. Tashkent, Gosizdat UzSSR, 1961. 23 p.
(DNAL)

KURBANGEL'DIEV, S. [What one should know about the breeding and seed production of cotton] Govachanyn selektsiasy we tokhumchylygy barada nemeler bilmeli. Ashgabat, Turkmenistan SSR-nin syiasy we ylmy bilimlerI latratmak baradaky zhemgyeti, 1961. 43 p. [In Turkmen]
(DNAL)

KUZNETSOV, A.I. [Early potatoes in green fallow] Rannii kartofel' v zaniatom paru. Moskva, Izd-vo M-va sel', khoz. RSFSR, 1961. 57 p.
(DNAL)

LASHKEVICH, G.I. [Fertility of peat soils and hemp growing] Plodorodie torfianykh pochv i vozdelyvanie konopli Minsk, Gos. izd-vo sel'khoz. lit-ry BSSR, 1962 343 p.
(DNAL)

LATVIJAS PADOMJU SOCIALISTISKAS REPUBLIKAS ZINATNU AKADEMIJA Latviesu valodas terminologijas komisija. [Scientific and technical terminology] Nauchnaia i tekhnicheskaia terminologiia Riga, Izd-vo Akad. nauk Latviiskoi SSR
No 3 [Plant protection] Zashchita rastenii. 1960 591 p [Latvian, Latin, and Russian]

LEONOV, N I , G.K SKRIABIN, and K.M SOLNTSEV [Antibiotics in animal husbandry] Antibiotiki v zhivotnovodstve. Moskva, Sel'khozizdat, 1962 231 p.
(DNAL)

LEPIKHIN, A.V [Sport hunting, handbook based on the practice of the Army Hunting Society] Sportivnoe okhotnich'e khoziaistvo; spravochnoe posobie iz opyta Voenno-okhotnich'ego obshchestva Pod red P A Manteiffelia. Moskva, Voen izd-vo, 1959. 143 p.
(WU)

LITVINOVA, T N. [Artificial insemination of cows] Iskusstvennoe osemenenie korov. [Moskva] Mosk. rabochii, 1962 63 p.
(DNAL)

MAKSIMENKO, V G. [Combine harvesting of potatoes] Kombainovaia uborka kartofelia. [Moskva] Mosk rabochii, 1962 39 p
(DNAL)

MAKSIMENKO, V.G. [Take care of your tractor] Ukhazhivai za svoim traktorom. [Moskva] Mosk. rabochii, 1961. 21 p. (Sovety molodomu mekhanizatoru)
(DNAL)

MALINKIN, N.P. [Fertilizers for cotton] Pakhta osimliklerin azyklandyru. Nokis, Karakalpak mamleket baspasy, 1961. 38 p [In Kara-Kalpak]
(DNAL)

MALINOVSKII, N.KH. [Under Antarctic skies] Pod nebom Antarktiki. [Odessa] Odesskoe knizhnoe izd-vo, 1962. 77 p.
(DNAL)

MANUKOVSKII, N F. [Livestock and feeds in the hands of the machinery operator; answers to the questions of young machinery operators] Skot i korma v rukakh mekhanizatora; otvety na voprosy molodykh mekhanizatorov [Moskva] Mosk. rabochii, 1962. 52 p.
(DNAL)

MARGUS, M., A.VALMET, and K.VEERMETS, comps. [Russian-Estonian silvicultural dictionary] Metsanduslik vene-eesti sonastik. Tallinn, Eesti Riiklik Kirjastus, 1962. 78 p.

MELEKHOV, I.S., L.I. KORKONOSOVA, and V.G. CHERTOVSKOI. [Manual on the study of the types of clearcut areas] Rukovodstvo po izucheniiu tipov kontsentrirovannykh vyrubok. Moskva, Izd-vo Akad. nauk SSSR, 1962. 112 p.
(DNAL)

METSEPURO, M.E. [Theory of plough-type ditch diggers and marsh ploughs] Voprosy teorii pluzhnykh kanavokopatelei i bolotnykh plugov. Minsk, Izd-vo Akad. nauk BSSR, 1957. 223 p.
(DNAL)

MOROZOV, P.F. [Growing and using sugar beets as livestock feed; practices used in Siberia] Vyrashchivanie i ispol'zovanie sakharnoi svekly na korm skotu; opyt Sibiri. Moskva, Sel'khozizdat, 1961. 79 p.
(DNAL)

MOSCOW. VSESOIUZNYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT ZHIVOTNOVODSTVA. [Physiology of farm animals; collection of works on the physiological principles of feeding, keeping, and using farm animals] Fiziologiia sel'skokhoziaistvennykh zhivotnykh; sbornik rabot po fiziologicheskim osnovam kormleniia, soderzhaniia i ispol'zovaniia sel'skokhoziaistvennykh zhivotnykh. Pod red. A.D. Sineshchekova. Moskva, 1962. 373 p.
(DNAL)

[THE MOST VALUABLE ACHIEVEMENTS OF EFFICIENT CORN GROWERS] Samoe tsennoe v opyte peredovykh kukuruzovodov. [Moskva] Mosk. rabochii, 1961. 47 p. (Bibliotechka kukuruzovoda-mekhanizatora)
(DNAL)

MUKHAMEDZHANOV, M.V. [Crop rotation and subsoiling in cotton regions] Sevooboroty i uglublenie pakhotnogo sloia pochvy v raionakh khlopkovodstva. Tashkent, Izd-vo Akad. nauk Uzbekskoi SSR, 1962. 263 p.
(DNAL)

NASYROV, A. [Corn cultivation practices] Mekgezhovenin agrotekhnikasy. Ashgabat, Turkmenistan devlet neshriiaty, 1961. 67 p [In Turkmen]
(DNAL)

NOMOKONOV, L.I. [Floodland meadows of the upper Lena Valley] Poimennye luga verkhnego techeniia reki Leny. Moskva, Izd-vo Akad. nauk SSSR, 1962. 103 p.
(DNAL)

ORLOV, V.P. [Irrigated farm fields] Zemledel'cheskie polia oroshenia. 3., perer. i dop. izd. Moskva, Sel'khozizdat, 1961. 141 p.
(DNAL)

[OUR WEALTH: CORN, RICE] Makkazhukhori, sholi - boiligimiz Toshkent, "Kizil Uzbekiston," "Pravda Vostoka" va "Uzbekistoni Surkh" bilashgan nasrieti, 1961. 26 p. [Uzbek]
(DNAL)

OZOLA, E. [Crossbreeding increases the productivity of geese] Krustosana cel zosu produktivitati. Riga, Latvijas Valsts izdevniecibai, 1961. 32 p. (Lopkopja biblioteka) [In Latvian]
(DNAL)

PALII, V.F. [Flea beetles of the U.S.S.R., prediction of their abundance and measures of control] Fauna vrednykh zemliianykh bloshek SSSR; prognoz ikh chislennosti i mery bor'by. Pod red. S.P. Tarbinskogo. Frunze, Izd-vo Akad. nauk Kirgizskoi SSR, 1961. 100 p.
(DNAL)

PAVLOVA, M.V. [Five hundred and sixteen centners of sugar beets per hectare] 516 tsentnerov sakharnoi svekly s gektara. [Moskva] Mosk. rabochii, 1961 15 p. (Liudi, dela, plany)
(DNAL)

PENIONZHKEVICH, E.E., ed. [Poultry] Sel'skokhoziaistvennaia ptitsa. Moskva, Sel'khozizdat.
Vols. 1-2. 1962.
(DNAL)

PEREKHREST, S.M [Irrigation of lands in the southern Ukraine] Oroshenie zemel' IUga Ukrainy. Kiev, Izd-vo Akad nauk USSR, 1962 274 p
(DNAL)

PETERBURGSKII, A.V. [D.N. Prianishnikov and his theories] D.N. Prianishnikov i ego shkola. [Moskva] Sovetskaia Rossiia, 1962. 106 p.
(DNAL)

PIANOVSKAIA, T.P. [More and cheaper pork; about swine growers on the "Vievskii" No.4 State Farm] Bol'she doshevoi svininy, o svinovodakh sovkhoza "Vievskii," no.4. Tashkent, Gosizdat UzSSR, 1961. 10 p.
(DNAL)

PITKIANEN, I.G. [New developments in the insemination and increase of fertility in swine] Novoe v oplodotvorenii i povyshenii plodovitosti svinei. Moskva, Sel'khozgiz, 1961. 186 p. [With summary in English]
(DNAL)

POLEVITSKII, K.A. [Agricultural machinery and implements] Sel'skokhoziaistvennye mashiny i orudiia. 4., perer. izd. Leningrad, Sel'khozgiz, 1960. 647 p. (Uchebniki i uchebnye posobiia dlia vysshikh sel'skokhoziaistvennykh uchebnykh zavedenii)
(DNAL)

POPOV, A.M. [Large-scale fattening of swine] Massovyi otkorm svinei Moskva, Sel'khozizdat, 1961. 45 p.
(DNAL)

PRUTSKOVA, M.G., and R.M. BLIAKHEROVA. [Production of grain crop seeds] Semenovodstvo zernovykh kul'tur, Moskva, Izd-vo selkhoz. lit-ry, zhurnalov i plakatov, 1961, 310 p.
(DNAL)

RAIKERUS, A.A. [I am a poultry woman] Moia professiia - ptichnitsa. [Leningrad] Lenizdat, 1961. 14 p. (Vypolniaem resheniia ianvarskogo Plenuma TsK KPSS)
(DNAL)

RASPORKIN, F.P [Shoots] Vskhody Sovetskaia Rossiia, 1962 78 p
(DNAL)

REISLER, IU.V., and IU.A.NIKOLAEV. [Over-all mechanization of pea harvesting] Kompleksnaia mekhanizatsiia uborki gorokha. [Moskva] Mosk. rabochii, 1962. 93 p.
(DNAL)

RODIONENKO, G.I. [Irises] Irisy. Moskva, Izd-vo M-va kommun khoz. RSFSR, 1961. 60 p.
(DNAL)

ROTOV, V.I. [Tuberculosis in poultry and measures for its control] Tuberkulez ptits i mery bor'by s nim. Kiev, Izd-vo Ukr. Akad. sel'khoz. nauk, 1962. 216 p.
(DNAL)

RUBIN, V.F , and D.R.VITANOV. [Cabbage] Kapusta. Kyiv, Derzh vyd-vo sil's'kohospodars'koi lit-ry URSR, 1961 91 p (Bibliotechka ovoshchevoda)
(DNAL)

RUSSIA (1923- U.S.S.R.) Glavnoe upravlenie mekhanizatsii i elektrifikatsii sel'skogo khoziaistva. [New tractors and agricultural machines; test results of 1957] Novye traktory i sel'skokhoziaistvennye mashiny, rezul'taty ispytanii 1957 goda. Moskva, M-vo sel'. khoz. SSSR.
No. 3. 1959. 350 p.
(DNAL)

RUSSIA (1923- U.S.S.R.) Ministerstvo sel'skogo khoziaistva. Upravlenie nauki, propagandy i vnedreniia peredovogo opyta. [Methods of breeding wheat for winter hardiness] Metody selektsii zimostoikikh pshenits, sbornik statei. Pod obshchei red. N.A.Maisuriana, P.E.Sudnova, I.N.Elagina. Moskva, Sel'khozizdat, 1962 p. 158 p.
(DNAL)

RYZHIKOVA, A.A. [Brigade of communist labor on the farm] Brigada kommunisticheskogo truda na ferme. Moskva, Izd-vo 'Sovetskaia Rossiia," 1961. 27 p. (Reshenila ianvarskogo (1961 g) Plenuma TsK KPSS - v zhizn')
(DNAL)

SALAMATOV, M.N. [Sour cherry in Western Siberia] Vishnia v Zapadnoi Sibiri Novosibirsk, Izd-vo Sibirskogo otd-niia Akad. nauk SSSR, 1959. 188 p.
(DNAL)

SARYZHAEV, O. [Our farm] Bizin formamyz. Ashgabat, Turkmenistan dovlet neshiriaty, 1961. 17 p. [In Turkmen]
(DNAL)

SHALAEV, V.F., E.D.GOGOLEVA, and S.A.KIVOTOV. [Correlation between zoology lessons and practical work of students in rabbit husbandry] Vzaimosviaz' urokov zoologii s prakticheskimi rabotami uchashchikhsia po krolikovodstvu. Moskva, Izd-vo Akad. pedagog. nauk RSFSR, 1961. 52 p.
(DNAL)

SHAPIRO, D.K., and M.M GOLOMSHTOK. [Harvesting, storing, and simple methods for processing fruit and berries] Uborka, khranenie i prosteishaia pererabotka plodov i iagod. Minsk, Izd-vo Akad. sel'khoz. nauk BSSR, 1960. 55 p.
(DNAL)

SHAPOSHNIKOV, A.P., S.F.BESSARABOV, and K.A. KUZNETSOV. [Shelterbelt afforestation and landscaping in the Don Valley; from farm practices in Rostov Province] Zashchitnoe lesorazvedenie i ozelenenie na Donu; iz opyta khoziaistv Rostovskoi oblasti. [Rostov-na-Donu] Rostovskoe knizhnoe izd-vo, 1962. 269 p.
(DNAL)

SHUMAKOV, B.A., ed. [Irrigation farming] Oroshaemoe zemledelie. Moskva, Izd-vo M-va sel'. khoz. RSFSR, 1962. 191 p.
(DNAL)

SINIAGIN, I.I. [Theoretical errors of V.R.Vil'iams and the overcoming of the aftereffects of the introduction of grassland farming] O teoreticheskikh oshibkakh V.R.Vil'iamsa i preodolenii posledstvii vnedreniia travopol'noi sistemy zemledeliia; stenogramma lektsii. Moskva, Izd-vo M-va sel'. khoz. RSFSR, 1962. 21 p.
(DNAL)

SIVCIKS, B. [Milk yield of herds in the Latvian S.S.R.] Latvijas PSR ganampulku piena razotspeja. Riga, Latvijas Valsts izdevnieciba, 1961. 74 p. [In Latvian]
(DNAL)

SOBOLEV, S.S. [Preventing soil erosion and increasing soil fertility] Zashchita pochv ot erozii i povyshenie ikh plodorodiia. Moskva, Izd-vo sel'khoz. lit-ry, zhurnalov i plakatov, 1961 230 p
(DNAL)

SOKOLOV, D.F. [Effect of forest vegetation on the composition of humus in soils of various natural zones] Vlianie lesnoi rastitel'nosti na sostav gumusa pochv razlichnykh prirodnykh zon. Moskva, Izd-vo Akad. nauk SSSR, 1962. 182 p.
(DNAL)

SOKOLOV, N.I., and A.M.VAINTRAUB, [First aid in calving] Pervaia pomoshch' pri otelakh. Izd.2., dop. i ispr. Leningrad, Sel'khozgiz, 1961. 69 p.
(DNAL)

SOKOLOV, P F [One hundred and thirty tons of duck meat] 130 tonn utinogo miasa. [Leningrad] Lenizdat, 1961 22 p (Vypolniaem reshenila ianvarskogo Plenuma TsK KPSS)
(DNAL)

SOKOLOVA, Z.A [Artificial insemination of cattle] Iskusstvennoe osemenenie krupnogo rogatogo skota. [Leningrad] Lenizdat, 1962. 44 p. (Vse novoe, peredovoe - na polia i fermy!)
(DNAL)

SOROKO, IA.I. [Everyday work of a zootechnician; a sketch] Budni zootekhnika; ocherk. Moskva, Izd-vo "Znanie," 1962. 46 p. (Novoe v zhizni, nauke, tekhnike. V Serila: Sel'skoe khoziaistvo, no. 17)

SOVESHCHANIIA PO OTDALENNOI GIBRIDIZATSII RASTENII I ZHIVOTNYKH, Moscow, 1958. [Remote hybridization of plants; papers] Otdalennaia gibridizatsiia rastenii; trudy. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1960. 435 p.
(DNAL)

STAKHEIKO, F.G. [Cultivation of Siberian larch] Razvedenie listvennitsy sibirskoi. Moskva, Goslesbumizdat, 1962. 71 p.
(DNAL)

[SUGAR BEET IS THE STOREROOM OF FEED UNITS] Sakharnaia svekla - kladovaia kormovykh edinits. [Moskva] Mosk. rabochii, 1962. 75 p.
(DNAL)

SURKOV, V.D., N.N.LIPATOV, and N.V.BARANOVSKII. [Technological equipment of dairy enterprises] Tekhnologicheskoe oborudovanie predprilitii molochnoi promyshlennosti. Moskva, Pishchepromizdat, 1962. 576 p.
(DNAL)

TAIROV, M.A. [Ways for increasing the yield and reducing the cost of vegetables and potatoes] Puti povysheniia urozhainosti i snizheniia sebestoimosti ovoshchei i kartofelia. [Leningrad] Lenizdat, 1961. 95 p.
(DNAL)

TER-STEPANIANTS, S.S. [Uzbek furs] Uzbekiston mulnachiligi. Toshkent, Uzbekiston SSR davlat nashriati, 1961. 49 p. [In Uzbek]
(DNAL)

TIKHOMIROV, B.A., and S.A.PIVNIK. [Pinus pumila; biology and utilization] Kedrovyi stlanik; biologiia i ispol'zovanie. [Magadan] Magadanskoe knizhnoe izd-vo, 1961. 35 p.
(DNAL)

TOICHKIN, V.G., and M.I.PECHERSKII. [Aleksandr Tepioukhov, a tractorist] Traktorist Aleksandr Tepioukhov. Moskva, Izd-vo M-va sel'.khoz. RSFSR, 1961. 18 p. (Trudovye podvigi molodykh mekhanizatorov)
(DNAL)

TURBIN, B.G. [Agricultural machinery; organization and technique of tractor operation] Sel'skokhoziaistvennye mashiny,organizatsiia i tekhnologiia proizvodstva traktornykh rabot. Leningrad, Gos. izd-vo sel'khoz. lit-ry, 1960. 543 p.
(DNAL)

TYSHKEVICH, G.L. [Spruce forests of the Soviet Carpathians] Elovye lesa Sovetskikh Karpat. Moskva, Izd-vo Akad. nauk SSSR, 1962. 172 p.
(DNAL)

VERESHCHAGIN, B.V., and S.G.PLUGAR'. [Oak procession moth and its control] Dubovyi pokhodnyi shelkopriad i mery bor'by s nim. Kishinev, Izd-vo 'Shtiintsa," 1962. 21 p.
(DNAL)

VOLOVCHENKO, I.P. [A new system of agriculture in action] Novaia sistema zemledeliia v deistvii. Moskva, Sel'khozizdat, 1962. 46 p
(DNAL)

VSESOIUZNOE SOVESHCHANIE PO PROIZVODSTVU GIBRIDNYKH SEMIAN KUKURUZY, Odessa, 1957. [All-Union Conference on the Production of Hybrid Corn Seeds in Odessa, January 31st-February 2d, 1957] Vsesoiuznoe soveshchanie po proizvodstvu gibridnykh semian kukuruzy g.Odessa, 31 ianvaria - 2 fevralia 1957 goda. Moskva, Izd-vo M-va sel'. khoz. SSSR, [1957] 336 p.
(IaAS)

VSESOIUZNYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT PCHELOVODSTVA [How to protect bees from poisoning by chemicals] Kak predokhranit' pchel ot otravleniia iadokhimikatami. Rybnoe [1955] 4 p.
(DNAL)

VYSOTSKII, G.N. [Selected works] Izbrannye sochineniia Moskva, Izd-vo Akad nauk SSSR.
Vol.1. [Works in Veliko-Anadol'] Raboty v Veliko-Anadole 1962. 496 p
(DNAL)

ZABOTINA, Z.I., and D.I.ZABOTIN. [We are maintaining 300 cows] Obsluzhivaem 300 korov. Moskva, Sel'khozizdat, 1962. 62 p.
(DNAL)

ZAFREN, S.IA. [Recent developments in feed ensilage] Novoe v silosovanii kormov. [Moskva] Mosk. rabochii, 1962. 35 p.
(DNAL)

ZAKIROV, M.D., and U.V.VALIEV. [Organization and technique of artificial insemination of Karakul sheep in the Kara-Kalpak A.S.S.R.] Karakalpakstanda karakol koilaryn zhasalmaly usyla tukhymlandyrudy sholkemiestiru khum' oiyng tekhnikasy. Nokis, Karakalpak mamleket baspasy, 1961. 54 p. (In Kara-Kalpak)
(DNAL)

ZHILINSKII, A.A. [Trade dictionary for fishermen and trappers of the White Sea region] Promyslovyi slovar' rybakov i zveroboev Belogo moria Petrozavodsk, Gos. izd-vo Karel'skoi ASSR, 1957. 63 p.
(NaD)

ZHUCHKOV, N.G., ed. [Fruit culture with the fundamentals of landscape gardening] Plodovodstvo s osnovami dekorativnogo sadovodstva. [By] A.I.Vorcelina i dr. Leningrad, Sel'khozizdat, 1962. 526 p. (Uchebniki i uchebnye posobiia dlia sel'skokhoziaistvennykh tekhnikumov)
(DNAL)

16. TECHNOLOGY

ABADZHI, K.I., B.I.DRUZHININ, and B.I.ISAEV. [Checking relative positions of machine-part surfaces] Kontrol' vzaimnogo raspolozheniia poverkhnostei detalei mashin. Moskva, Mashgiz, 1962. 113 p.

ABRAMOV, V.L., L.S.SMOL'IANINOVA, and D.M. FUDIM. [Making pattern foundry equipment from epoxy resins; from practices of the Lepse Fittings Plant in Leningrad] Izgotovlenie liteinoi model'noi osnastki iz epoksidnykh smol; iz opyta Leningradskogo armaturnogo zavoda imeni Lepse. Leningrad, 1962. 24 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Serlia: Liteinoe proizvodstvo, no. 3)

AFANAS'EV, V.D [Electric drives of automatically controlled flying shears] Elektroprivod avtomaticheskikh letuchikh nozhnits. Moskva, Gosenergoizdat, 1962. 143 p. (Biblioteka po avtomatike, no. 59)

AGROSKIN, A.A., and A.K.SHELKOV, [Increasing the supply of coking coal] Rasshirenie ugol'noi bazy koksovaniia. Moskva, Metallurgizdat, 1962. 303 p.

AKADEMIIA BUDIVNYTSTVA I ARKHITEKTURY URSR, Institut stroitel'nykh materialov i izdelii. [Colored ceramic facing materials] Kol'orovi keramichni oblytsiuvannia. Za red. A.V.Zhukova. Kyiv, Derzhbudvydav URSR, 1962. 85 p.

AKADEMIIA KOMMUNAL'NOGO KHOZIAISTVA. Leningradskii nauchno-issledovatel'skii institut. [Regulations for the protection of wood from decay and damage by wood-destroying insects during major repairs of residential buildings] Pravila zashchity drevesiny ot gnienila i povrezhdenila derevorazrushaiushchimi nasekomymi pri kapital'nom remonte zhilykh domov. Moskva, Izd-vo M-va kommun. khoz. RSFSR, 1962. 51 p.

AKADEMIIA MEDITSINSKIKH NAUK SSSR, Moscow. Institut gigieny truda i professional'nykh zabolevanii. [Using radiation cooling for preventing overheating] Primenenie radiatsionnogo okhlazhdeniia dlia profilaktiki peregrevaniia. Moskva, 1960. 15 p. (Metodicheskie pis'ma)
(DNLM)

AKADEMIIA NAUK KAZAKHSKOI SSR, Alma-Ata. Institut geologicheskikh nauk. [Coal geology, a collection dedicated to the memory of the geologist Aleksandr Aleksandrovich Gapeev] Voprosy geologii uglia; sbornik posviashchennoi pamiati geologa Aleksandra Aleksandrovicha Gapeeva. Alma-Ata, Izd-vo Akad. nauk Kazakhskoi SSR, 1962. 173 p.

AKADEMIIA NAUK SSSR. Viktor Sergeevich Kulebakin. Izd. 2., dop. Vstup. stat'ia K. S. Bobova. Bibliografiia sostavlena A. P. Eplianovoi. Moskva, 1961. 57 p. (Materialy k biobibliografii uchenykh SSSR. Seriia tekhnicheskikh nauk: Energetika, no. 4)

AKADEMIIA NAUK SSSR. Energeticheskii institut. [Heat transmission] Teploperedacha. Moskva, Izd-vo Akad. nauk SSSR, 1962. 144 p.

AKADEMIIA NAUK SSSR. Komitet tekhnicheskoi terminologii. [Theory of reliability in radio electronics, general concepts, failures, redundancy, parameters, and tests] Teoriia nadezhnosti v oblasti radioelektroniki. Obshchie poniatiia. Otkazy. Rezervirovanie. Parametry. Ispytaniia; terminologiia. Moskva, Izd-vo Akad. nauk SSSR, 1962. 36 p. (Its Sborniki rekomenduemykh terminov, no. 60)

AKADEMIIA NAUK SSSR. Laboratoriia osadochnykh poleznykh iskopaemykh. [Outline of the metallogeny of sedimentary and sedimentary-metamorphic rocks] Ocherki po metallogenii osadochnykh i osadochno-metamorficheskikh porod. Moskva, Izd-vo Akad. nauk SSSR, 1962. 240 p. illus.

AKADEMIIA NAUK SSSR. Tsentral'naia nauchno-issledovatel'skaia laboratoriia elektricheskoi obrabotki materialov. [Problems of electrical spark machining of materials] Problemy elektricheskoi obrabotki materialov. Moskva, Izd-vo Akad. nauk SSSR, 1962. 216 p.

AKADEMIIA STROITEL'STVA I ARKHITEKTURY SSSR. Institut po stroitel'stvu, Sverdlovsk. [Industrial construction abroad; papers of the Institute] Promyshlennoe stroitel'stvo za rubezhom; trudy Instituta. Moskva, Gosstroiizdat, 1962. 123 p.

AKADEMIIA STROITEL'STVA I ARKHITEKTURY SSSR. Institut sanitarnoi tekhniki. [Basic recommendations for the use of steel pipe lined with vinyl plastics] Osnovnye rekomendatsii po primeneniiu stal'nykh trub, futerovannykh vinyplastom. Moskva, Gosstroiizdat, 1962. 134 p.

AKADEMIIA STROITEL'STVA I ARKHITEKTURY SSSR. Institut sanitarnoi tekhniki. [Methodology of comparison and selection of radiators and radiator systems] Metodika sravneniia i podbora kalorifierov i kalorifernykh ustanovok. Moskva, Gosstroiizdat, 1962. 16 p.

AKADEMIIA STROITEL'STVA I ARKHITEKTURY SSSR. Institut stroitel'nykh konstruktsii. [Investigating the operation of machines and instruments used in testing building materials and elements] Issledovanie raboty mashin i priborov, primeniaemykh pri ispytanii stroitel'nykh materialov i konstruktsii. Pod red. *IU. N. Morozova. Moskva, Gosstroiizdat.*
No. 1. 1960. 198 p.
[MICROFILM]

AKADEMIIA STROITEL'STVA I ARKHITEKTURY SSSR. Nauchno-issledovatel'skii institut sel'skikh zdanii i sooruzhenii. [Raising the technical level of rural construction] Industrializatsiia sel'skogo stroitel'stva. Pod red. S. F. Nefedova. Moskva, Gosstroiizdat, 1962. 128 p.

AKHMECHET, L. S., L. V. VAISER, and A. R. CHUDNOVSKII. [Use of plastics in technical equipment] Primenenie plasticheskikh mass v tekhnologicheskoi osnastke. Moskva, Mashgiz, 1962. 155 p.

AKSENOV, G. I. [Principles of powder metallurgy] Osnovy poroshkovoi metallurgii. [Kuibyshev] Kuibyshevskoe knizhnoe izd-vo, 1962. 168 p.

AKUNOV, V. I. [Jet mills; elements of theory and design] Struinye mel'nitsy; elementy teorii i rascheta. Moskva, Mashgiz, 1962. 263 p.

ALEKSANOV, A. P. [Ways to save electrical power] Puti ekonomii elektroenergii. Ashkhabad, Turkmenskoe gos. izd-vo, 1961. 78 p.

ALEKSEEV, V. D., and G. E. SOROKIN. [Car repairing] Remont vagonov. Moskva, Transzheldorizdat, 1962. 311 p.

ALPATOV, N. I. [Ferrites in electronic circuits] Ferrity v elektronnykh skhemakh. Moskva, Voenizdat, 1962. 109 p.

ANDREEV, L. N. [Expansion of the textile industry] Dokma Senagatlynyn osushi. Ashgabat, Turkmendovletneshir, 1960. 52 p. (In Turkmen)

ANDRIEVSKII, S. K., and A. L. BARTNOVSKII. [Practical manual for electrical engineering; a textbook for grade 10 of the secondary school] Praktikum po elektrotekhnike, uchebnoe posobie dlia X klassa srednei shkoly. Izd. 2. Moskva, Gos. uchebno-pedagog. izd-vo, 1959. 229 p.
(TNJ)

ANDRIEVSKII, S. K., and A. L. BARTNOVSKII. [Practical manual for electrical engineering, a textbook for grade 10 of the secondary school] Praktikum po elektrotekhnike; uchebnoe posobie dlia uchashchikhsia X klassa srednei shkoly. Izd. 3., perer. Moskva, Gos. uchebno-pedagog. izd-vo, 1960. 191 p.
(TNJ)

ARENIN, E. M. [Man who built a city] Chelovek, kotoryi postroil gorod. Moskva, Sovetskaia Rossiia, 1962. illus. (Liudi Sovetskoi Rossii)

ARTUSHIN, S. P. [Design of coal preparation plants] Proektirovanie ugleobogatitel'nykh fabrik. Moskva, Gosgortekhizdat, 1962. 183 p.

ASNIN, IA. I. [Thermal similarity, convective heat exchange and entropy] Teplovoe podobie, konvektivnyi teploobmen i entropiia. Khar'kov, Izd-vo Khar'kovskogo gos. univ., 1962. 112 p.

[AUTOMATION IN THE COAL MINING INDUSTRY] Avtomatizatsiia v ugol'noi promyshlennosti. [By] V. P. Morav'ev i dr. Moskva, Gosgortekhizdat, 1962. 258 p.

AVDEENKOVA, L. M., and N. V. KOROL'KOV. [Calculation of magnetic ferrite and diode elements and analysis of their operation for use in digital computers] Analiz raboty i raschet magnitnykh ferritdiodnykh elementov dlia tsifrovykh vychislitel'nykh mashin. Moskva, Vychislitel'nyi tsentr AN SSSR, *1962. 200 p.*

AVRUTIN, S. V. [Efficient work of a milling machine operator] Ratsional'naia rabota frezerovshchika. Izd. 6., perer. i dop. Moskva, Mashgiz, 1962. 309 p.

BABUSHKIN, V. D., I. S. GLAZUNOV, and V. M. GOL'DBERG. [Basic principles in the exploitation and estimation of reserves of large lenses of fresh water] Osnovnye printsipy ekspluatatsii i otsenka zapasov krupnykh linz presnykh vod. Moskva, Gosgeolteklizdat, 1962. 101 p.

BADYSHTOVA, K. M., A. A. CHESNOKOV, and G. G. BURMISTROV. [Dewaxing of oils] Deparafinizatsiia masel. Moskva, Gostoptekhizdat, 1962. 151 p. (Bibliotechka molodogo rabochego)

BAIASANOV, D. B. [Automatic and remote control devices in municipal gas supply systems] Avtomaticheskie i telemekhanicheskie ustroistva v gorodskikh sistemakh gazosnabzheniia; uchebnoe posobie dlia tekhnicheskikh vuzov. Baku, Azerbaidzhanskoe gos. izd-vo uchebno-pedagog. lit-ry, 1961. 300 p.

BAKHURIN, I. M. [Course in mine surveying; advanced part] Kurs markscheiderskogo dela; spetsial'naia chast'. Izd. 2. Moskva, Vysshaia shkola, 1962. 493 p.

BAKIROV, A. A., and A. M. PRONINA. [Oil- and gas-bearing provinces in southeastern Asia and the Near East; geological conditions governing regional oil and gas accumulation] Neftegazonosnye oblasti Blizhnego Vostoka i IUgo-Vostochnoi Azii; geologicheskie usloviia regional'nogo neftegazonakopleniia. Moskva, Gosgeoltekhizdat, 1962. 207 p.

BAKSHT, R. I., and M. D. LEMBERG. [Clamping devices of lathes] Zazhimnye ustroistva tokarnykh stankov. Moskva, Mashgiz, 1962. 150 p.

BARSUKOV, F. I. [Radio telemechanics] Radiotelemekhanika. Moskva, Gosenergoizdat, 1962. 87 p. (Massovaia radiobiblioteka no. 433)
[MICROFILM]

BATTELLE MEMORIAL INSTITUTE, Columbus, Ohio. [Metallography of reactor materials. Translated from the English] Metallovedenie reaktornykh materialov, obzory. Moskva, Gosatomizdat. [From "Reactor Core Materials", a quarterly...]
Book 3. [Moderator, reflector, and control device materials] Materialy zamedlitelia, otrazhatelia i reguliruiushchikh ustroistv. Pod red. D. M. Skorova. 1962. 113 p.

BELIAEV, A. V., and M. G. TOLSTOI. [New prefabricated elements in construction] Novye sbornye konstruktsii v stroitel'stve. Moskva, Profizdat, 1962. 88 p. (Novaia tekhnika i peredovye metody truda)

BELIAEVA, G. F., and others, comps. [French-Russian metallurgical dictionary] Frantsuzsko-russkii metallurgicheskii slovar'. [By] N. V. Astrova i dr. Pod red. G. F. Beliaeva i N. N. Timoshenko. Moskva, Glav. red. inostr. nauchno-tekhn. slovarei Fizmatgiza, 1962. 433 p.

BELOV, A. A. [Make furniture yourself] Sdelai mebel' sam. [Moskva] Molodaia gvardiia, 1962. 167 p.

BEREZIN, S. IA. [Design of automatic control systems using inverse amplitude-phase characteristics] Raschet sistem avtomaticheskogo regulirovaniia s pomoshch'iu obratnykh amplitudno-fazovykh kharakteristik. Leningrad, Sudpromgiz, 1962. 336 p.

BESPIATYI, F. S., and I. F. TROITSKII. [Theory and design of tractors] Teoriia, konstruktsiia i raschet traktorov. Moskva, Mashgiz, 1961. 479 p.

BLOKH, I. M. [Resistivity method of electric profiling] Elektroprofilirovanie metodom soprotivlenii. Moskva, Gosgeoltekhizdat, 1962. 238 p.
--- --- --- [Theoretical electric profile curves] Teoreticheskie krivye elektroprofilirovaniia. 21 diagrs.

BOIARSKII, V. A., and I. P. KIRICHENKO. [Chemical methods in mining] Khimiia v gornom dele. Moskva, Izd-vo "Znanie," 1962. 39 p. (Novoe v zhizni, nauke, tekhnike. IV Seriia: Tekhnika, no. 16)

BOLONKIN, A. A. [Theory of the flight of flying models] Teoriia poleta letaiushchikh modelei. Moskva, Izd-vo DOSAAF, 1962. 311 p.

BOLOTOVSKAIA, T. P., I. A. BOLOTOVSKII, and V. D. SMIRNOV. [Manual on gear correction] Spravochnik po korrigirovaniiu zubchatykh koles. Pod red. I. A. Bolotovskogo. Moskva, Mashgiz, 1962. 215 p.

BONDARENKOV, K. A., and I. P. BELOV. [Assembly of ammonia refrigerating plants] Montazh ammiachnykh kholodil'nykh ustanovok; prakticheskoe rukovodstvo. Moskva, Gostorgizdat, 1962. 199 p.

BONDIN, IU. N. [Guide to safety measures for a press operator in the manufacture of silicate bricks] Pamiatka po tekhnike bezopasnosti dlia pressovshchika silikatnogo kirpicha. Moskva, Gosstroiizdat, 1962. 13 p. (Tekhnika bezopasnosti v promyshlennosti stroitel'nykh materialov)

BORISOV, K. N. [Fundamentals of aircraft electric driving] Osnovy aviatsionnogo elektroprivoda. Moskva, Oborongiz.
Pt. 1. [Noncontrolled drive] Nereguliruemyi privod. Pod red. IU. A. Popova. 1962. 203 p.

BOROVSKII, B. E., M. D. POPOV, and M. IA. PRONSHTEIN. [Manual for automobilists] Spravochnaia kniga avtomobilista. Pod red. IA. I. Bronshteina. [Leningrad] Lenizdat, 1962. 482 p.

BOROVSKIKH, A. A., and A. G. SHCHUKIN. [Operator of a hydraulic press] Mashinist gidravlicheskogo pressa. Moskva, Mashgiz, 1962. 111 p.

BOZHKO, M. P. [Classifier operator] Mashinist klassifikatora. Moskva, Gosgortekhizdat, 1962. 82 p. (Bibliotechka molodogo obogatitelia)

BRODSKAIA, A. G. [Compressibility of frozen ground] Szhimaemost' merzlykh gruntov. Moskva, Izd-vo Akad. nauk SSSR, 1962. 81 p.

BUKREEV, E. M., V. N. DENISOV, and G. L. KARABAN. [Foreign municipal sanitary engineering machinery] Zarubezhnye mashiny dlia sanitarnoi ochistki i uborki gorodov. Moskva, Izd-vo M-va kommun. khoz. RSFSR, 1961. 178 p.

BULAKHOV, D. G. [We are building a city] Stroim gorod. Minsk, Gos. izd-vo BSSR, 27 p. (Bibliotechka novatora)

CHEREVYCHNIK, IU. K. [Elementary circuits and functional networks of computers with cold-cathode tubes] Elementarnye skhemy i funktsional'nye uzly vychislitel'nykh mashin na lampakh s kholodnym katodom. Moskva, Vychislitel'nyi tsentr AN SSSR, 1962. 78 p.

CHERKASHIN, V. I. [Advanced methods for machining with the use of gauges] Peredovoye metody lekal'nykh rabot Izd. 3., ispr. i dop. Moskva, Mashgiz, 1962. 183 p.

CHERNOV, N. N., M. A. TYLKIN, and I. L. KORDABNEV. [Blast furnace charging equipment] Zasypnye ustroistva domennykh pechei. Moskva, Metallurgizdat, 1962. 239 p.

CHESTNOV, A. V. [Operation of aircraft in flight] Letnaia eksploatatsiia samoleta. Moskva, Voenizdat, 1962. 247 p.

CHIRKOV, A. V. [Ways of reducing the production costs of furniture and other articles made of wood] Puti snizhenita sebestoimosti mebeli i drugikh izdelii iz dereviny. Moskva, Goslesbumizdat, 1961. 115 p.

CHULKOV, N. N. [Small asynchronous electric drives for use in mines and means for regulating them] Asinkhronnyi rudnichnyi elektroprivod malot moshchnosti i sposoby ego regulirovaniia. Moskva, Gosgortekhizdat, 1961. 162 p.

CHULKOV, V. D. [Steel cables in the lumber industry] Stal'nye kanaty v lesnoi promyshlennosti. Moskva, Goslesbumizdat, 1962. 134 p.

[DAIRY FOODS] Molochnaia pishcha. [Moskva] Pishchepromizdat, 1962. 410 p.

DAKHNOV, V. N. [Interpretation of the results of geophysical studies of cross sections of holes] Interpretatsiia rezul'tatov geofizicheskikh issledovanii razrezov skvazhin. Izd. 2., perer. i dop. Moskva, Gostoptekhizdat, 1962. 547 p.

——— ——— [Album of diagrams for interpreting the results of studies of holes by the resistivity method] Al'bom paletok dlia interpretatsii rezul'tatov issledovaniia skvazhin metodom sopротivleniia. 17 graphs (in portfolio)

DEEV, M. N., comp. [French-Russian rocket dictionary] Frantsuzsko-russkii slovar' po raketnoi tekhnike. Pod red. N. L. Solov'eva. Moskva, Voenizdat, 1962. 263 p.

DEMENKOV, P. I. [Design of patterns for men's clothing] Konstruirovanie muzhskoi verkhnei odezhdy. Moskva, Gostekhizdat, 1961. 227 p.

DENISOV, V. G., and R. N. LOPATIN. [Flight and navigational instruments, instrument flying] Pilotazhno-navigatsionnye pribory, o pilotirovanii samoleta po priboram. Moskva, Voenizdat, 1962. 108 p.

DERIBAS, A. T., and V. P. POTAPOV. [Organization of freight and commercial operations] Organizatsiia gruzovoi i kommercheskoi raboty Izd 2., perer. i dop. Moskva, Transzheldorizdat, 1961. 253 p.

DIKOVICH, I. L. [Dynamics of elastoplastic beams] Dinamika uprugo-plasticheskikh balok Leningrad, Sudpromgiz, 1962. 201 p.

DMITROVICH, A. M., and others. [Technology of the hot-working of metals] Tekhnologiia goriachei obrabotki metallov. [By] D. I. Bel'skii i dr. Minsk, Izdvo M-va vysshego, srednego spetsial'nogo i professional'nogo obrazovaniia BSSR, 1962. 205 p.

DOLIN, P. A. [Work on operating overhead electric power transmission lines; clarifications for chapter IV of "Safety Engineering Regulations for Operating Overhead Power Transmission Lines with Voltages in Excess of 1,000 volts."] Raboty pod napriazheniem na vozdushnykh liniiakh elektroperedachi, poiasnenila k glave IV "Pravil tekhniki bezopasnosti pri ekspluatatsii vozdushnykh linii elektroperedachi napriazheniem vyshe 1 000 v." Izd. 2., perer. Moskva, Gosenergoizdat, 1962. 109 p.

DORONIN, N. A. [Calcium] Kal'tsii. Moskva, Gosatomizdat, 1962. 190 p.

DRECKI, ADAM. [Reinforced-concrete lighting poles, types and manufacture. Translated from the Polish] Zhelezobetonnye osvetitel'nye opory; tipy i izgotovlenie. Moskva, Gosenergoizdat, 1961. 123 p.

DVINSKIKH, V. A. [Measuring networks with self-excitation] Izmeritel'nye skhemy s samovozbuzhdeniem. Moskva, Gosenergoizdat, 1962. 47 p.

ETREMOV, S. I. [Plastic dies] Shtampy iz plastmass Moskva, Proftekhizdat, 1962. 59 p. (Novaia tekhnika i peredovye metody truda)

EILER, A. A. [Control computers] Upravliaiushchie vychislitel'nye mashiny. Moskva, Transzheldorizdat, 1962. 169 p.

[ELECTRIC MEASURING DEVICES] Elektroizmeritel'nye pribory. Izd. ofitsial'noe. Moskva, Standartgiz, 1962. 382 p. (SSSR. Gosudarstvennye standarty)

[ELECTRICAL ENGINEERING HANDBOOK] Elektrotekhnicheskii spravochnik. 3., perer. i dop. Izd. Pod obshchei red. A. T. Golovana i dr. Moskva, Gosenergoizdat,
Vol. 1. 1962. 732 p.

[EQUIPMENT AND MECHANIZATION OF GLASS FACTORIES] Oborudovanie i mekhanizatsiia stekol'nykh zavodov. [By] K. L. Veinberg i dr. Moskva, Rostekhizdat, 1962. 151 p. diagrs.

ESIN, O. A., and P. V. GEL'D. [Physical chemistry of pyrometallurgical processes] Fizicheskaia khimiia pirometallurgicheskikh protsessov Sverdlovsk, Metallurgizdat
Part 1: [Reactions between gaseous and solid phases] Reaktsii mezhdu gazoobraznymi i tverdymi fazami 2., ispr. i dop. izd 1962 671 p.

FABRIKANT, V. L. [Filters with symmetrical components] Filtry simmetrichnykh sostavliaiushchikh, 2. izd., perer. Moskva, Gosenergoizdat, 1962. 423 p.

FAINGLUZ, P. P., and M. A. VLASOV. [Establishment of work norms in the communications industry] Tekhnicheskoe normirovanie truda v khoziaistve sviazi. 4 izd. Moskva, Sviaz'izdat, 1962. 229 p.

FAL'KEVICH, A. S. [Welding pipelines and plant (industrial) piping] Svarka magistral'nykh i zavodskikh (tekhnologicheskikh) truboprovodov. 2. izd. Moskva, Gostoptekhizdat, 1962. 422 p.

[FASHION MAGAZINE, 1962] Zhurnal mod, 1962. Oformlen Biuro torgovoi reklamy otdeleniia Vsesoiuznoi torgovoi palaty Latviiskoi SSR. Moskva, Reklamno-izd. fabrika upr. gor. oformleniia i reklamy Mosgorispolkoma, 1962. 48 p.

FEDOROV, B. D., and A. KH. SLAVOROSOV. [Principles of geodesy and mine surveying] Osnovy geodezii i marksheiderskogo dela. Moskva, Gosgortekhizdat, 1962. 327 p.

FEL'DMAN, A. B., and L. A. CHASTOEDOV. [Electric power supply for railroad telecommunication apparatus] Elektropitanie ustroistv sviazi na zheleznodorozhnom transporte. Moskva, Transzheldorizdat, 1962. 222 p.

GALKIN, M. F., IU. P. SOLNTSEV, and G. V. SEROV. [Improved procedure for the smelting of 1Kh18N9TL steel] Usovershenstvovanie tekhnologii vyplavki stali 1Kh18N9TL. Leningrad, 1962. 20 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia: Liteinoe proizvodstvo, no. 4)

GAL'PERIN, A. I., I. V. MAKAROV, and V. F. NIKOLENKO. [Vehicles for transporting pipes and pipe sections] Mashiny dlia perevozki trub i pletei. Moskva, Gostoptekhizdat, 1962. 115 p.

GARANIN, G. S. [Installation of linoleum and masticated rubber floors] Ustroistvo linoleumnykh i plastikatnykh polov. Pod red. A. A. Galaktionova. Moskva, Gosstroizdat, 1962. 123 p.

GAVRA, D. L. [Fundamentals of nomography with examples in mechanical engineering] Osnovy nomografii s primerami iz mashinostroeniia. Izd. 2 Moskva, Mashgiz, 1962. 162 p.

GAVRILOV, A. N. [Technological processes in the manufacture of aeronautical instruments] Tekhnologiia aviatsionnogo priborostroeniia. Izd. 2., perer. i dop. Moskva, Oborongiz, 1962. 472 p.

GENKIN, K. I. [Gas engines] Gazovye dvigateli. Moskva, Mashgiz, 1962. 114 p.

GERSATOR, V. N. [Increasing the load capacity of general-purpose reducing gears by the use of high frequency current for the hardening of pinion teeth] Povyshenie nagruzochnoi sposobnosti reduktorov obshchego naznachenita za schet primenenita TVCh dlia ob'emnoi zakalki zub'ev shesteren. Leningrad, 1962. 16 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia Mekhanicheskaia obrabotka metallov, n 17)

GINBERG, A. M. [Technology of electroplating and electroforming] Tekhnologiia gal'vanotekhniki. Leningrad, Sudpromgiz, 1962. 270 p.

GINZBURG, M. L., and others, comps. [German-Russian electrical engineering dictionary] Nemetsko-russkii elektrotekhnicheskii slovar'. Izd 2., stereotipnoe. Moskva, Fizmatgiz, 1962. 1089 p.
[MICROFILM]

GIZILA, E. P. [Design of automatic control devices for electric power systems] Raschet ustroistv avtomatiki energosistem. Kiev, Gostekhizdat USSR, 1962. 211 p.

GLAGOLEV, V. A., and V. V. ZHUKOV. [Technical principles of the mining and fuel industry] Osnovy tekhnologii gornoi i toplivnoi promyshlennosti. Pod red. A. A. Bolko. Moskva, Gosgortekhizdat, 1962. 387 p.

GOLUBCHENKO, A. I., and T. E. GPEL'MAN. [Marine power plants] Sudovye silovye ustanovki. Leningrad, Sudpromgiz, 1962. 512 p.

GOMEL'. BELORUSSKII INSTITUT INZHENEROV ZHELEZNODOROZHNOGO TRANSPORTA. [Operational conditions of track with continuous welded rails] Uslovitia raboty besstykovogo puti. Gomel', 1962. 75 p.
[MICROFILM]

GORBUNOV, V. A. [Apparatus for the electrical networks of automatic control systems, reference materials] Apparatura elektricheskhem avtomatizatsii, spravochnye materialy. Moskva, Mashgiz, 1962. 334 p.

GORDEEV, S. O. [Asphalt-concrete work] Asfal'tobetonnye raboty. Moskva, Izd-vo M-va kommun. khoz. RSFSR, 1962. 225 p.

GORDIUKHIN, A. I. [Urban gas networks] Gorodskie gazovye seti. Izd. 2., perer. Moskva, Izd-vo M-va kommun. khoz. RSFSR, 1962. 333 p.

GORLOV, P. I., and L. IU. BERMAN. [Vertical mine shaft lining] Armirovanie vertikal'nykh stvolov shakht. Izd. 2., dop. i perer. Moskva, Gosgortekhizdat, 1961. 226 p.

GOTS, V. L. [Slit atomizers for painting in an electrostatic field] Shchelevye raspyliteli dlia okraski v elektricheskom pole. Leningrad, 1962 21 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy Obmen peredovym opytom. Seriia: Zashchitnye pokrytiia, no. 2)

GRIGOR'EV, E. G., M. S. SATIN, and I. M. DERIABIN. [Residential buildings made of air-entrained concrete] Zhilye doma iz gazobetona; opyt Leningrada. Leningrad, Gosstroizdat, 1962. 130 p.

GRIGOR'EV, P. M. [Safe operation of electric tools] Bezopasnye metody raboty elektrifitsirovannym instrumentom, opyt zavoda "Elektrosila." Leningrad, 1962. 16 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom Seriia: Mekhanicheskaia obrabotka, no. 16)

GRINSHTEIN, M. M. [Photoresistances and their use in industrial automatic control devices] Fotosopротivleniia v priborakh promyshlennoi avtomatiki. Moskva, Gosenergoizdat, 1962. 78 p. (Biblioteka po avtomatike, no. 49)
[MICROFILM]

GUBIN, G. V., and others. [Roaster of ores] Obzhigal'shchik rud. Moskva, Gosgortekhizdat, 1962. 68 p. (Bibliotechka molodogo obogatitelia)

HORNA, OTAKAR. [Tensometer bridge networks. Translated from the Czech] Tenzometricheskie mosty. Pod red. N. P. Rucvskogo. Moskva, Gosenergoizdat, 1962. 333 p.

IAKOBSON, IA. M. [Young Worker's Handbook on the manufacture of precast reinforced concrete] Spravochnik molodogo rabochego po izgotovleniiu sbornogo zhelezobetona. Moskva, Proftekhizdat, 1962. 237 p.

IAKOBSON, M. O. [Technological processes of machining in automated production] Tekhnologiia mekhanicheskoi obrabotki v avtomatizirovannom proizvodstve, spravochnoe posobie. Moskva, Mashgiz, 1962. 432 p.

IAKOVLEV, D. F., G. I. KUZNETSKII, and G. M. BESHKIN. [Training of electricians for work on high-voltage power transmission lines and substations] Podgotovka elektromonterov vysokovol'tnykh linii peredachi i podstantsii. Moskva, Profizdat, 1961. 96 p. (Obmen opytom raboty)

IAKOVLEV, M. F. [Repair of cameras] Remont fotoapparatov. Pod red. E. A. Iofisa. Moskva, Iskusstvo, 1962. 191 p. (Biblioteka fotoliubitelia, no. 29)

IANBUKHTINA, L. KH. [Honey] Med. Ufa, Bashkirskoe knizhnoe izd-vo, 1961. 15 p.

IANOV, V. V. [Antifriction composition materials based on small-particle wood waste] Antifriktsionnye kompozitsii na osnove drevesnykh otkhodov melkikh fraktsii. Leningrad, 1962. 22 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia Derevoobrabatyvaiushchaia promyshlennost', no. 4)

IBRAEV, SH. I. [Boring and blasting operations in mines (during drifting)] Burovzryvnye raboty na rudnikakh (pri prokhodke vyrabotok). Alma-Ata, Kazakhskoe gos. izd-vo, 1962. 183 p.

IL'INYKH, S. V. [Automatic and semiautomatic three-phase arc welding machines] Trekhfaznye dugovye avtomaty i polуavtomaty. Moskva, Mashgiz, 1962. 150 p.

[INDUSTRIAL ELECTRONICS AND AUTOMATION OF PRODUCTION PROCESSES] Avtomatizatsiia proizvodstva i promyshlennaia elektronika. Glav. red. A. I. Berg i V. A. Trapeznikov. Moskva, Gos. nauchn. izd-vo "Sovetskaia Entsiklopediia." (Entsiklopediia sovremennoi tekhniki. Entsiklopedii. Slovari. Spravochniki)
Vol. 1. A-I. 1962. 524 p.

INTIAKOV, N. G. [New equipment and progressive technology in foundry practice] Novaia tekhnika i progressivnaia tekhnologiia v liteinom proizvodstve. Pod red. M. A. Baranovskogo. Minsk, Gos. izd-vo BSSR, Red. proizvodstvennoi lit-ry, 1962. 79 p.

IOFFE, IU. R., and I. P. KUPTSOV. [Design and construction of large thermal electric power plants of precast reinforced concrete] Proektirovanie i stroitel'stvo moshchnykh teplovykh elektrostantsii iz sbornogo zhelezobetona. Moskva, Orgenergostroi, 1962. 77 p. (Iz opyta energeticheskogo stroitel'stva)

ISACHENKOV, E. I. [Sheet-metal work for the making of stainless steel parts] Shtampovka detalei iz nerzhaveiushchei stali. Pod obshchei red. V. P. Romanovskogo. Moskva, Mashgiz, 1962. 53 p. (Bibliotechka shtampovshchika, no. 9)

ISAEV, I. N. [Concentrating tables] Kontsentratsionnye stoly. Moskva, Gostoptekhizdat, 1962. 100 p.

[illegible]OIKOV, and I. V. BIRIUKOV.

IVANOV, D. N. [Improving the roadability of motor vehicles] Povyshenie prokhodimosti avtomobilei. Moskva, Voenizdat, 1962. 66 p.

IVANOV, P. L. [Liquefaction of sandy soils] Razzhizhenie peschanykh gruntov. Moskva, Gosenergoizdat, 1962. 259 p.

KADNIKOV, V. G., and A. M. LIPNITSKII. [Driver] Sushil'shchik. Moskva, Mashgiz, 1962. 143 p.

KALASHNIKOV, A. M., and V. Z. SLUTSKII. [Principles of radar and radio engineering, vacuum-tube devices and pulse techniques] Osnovy radiotekhniki i radiolokatsii; elektrovakuumnye pribory i impul'snaia tekhnika. Izd. 2., perer. Moskva, Voenizdat, 1962. 385 p.

KAL'BUS, G. L. [Principles of the operation of tractor hitching systems] Osnovy ekspluatatsii navesnykh sistem traktorov. Kiev, Izd-vo Ukrainskoi akad. sel'khoz. nauk, 1962. 210 p.

KANTOR, L. IA. [Multiple program broadcasting and wire broadcasting networks] Mnogoprogrammnoe veshchanie po radiotranslitatsionnoi seti. Moskva, Sviaz'izdat, 1962. 57 p. (Lektsii po tekhnike sviazi)

KANTSEPOL'SKII, A. S. [Karakul wool] Karakul'skaia sherst'. Moskva, Zagotizdat, 1962. 31 p.

KARIAKIN, R. N. [Methods of calculating the resistances of a.c. traction networks] Metodika rascheta soprotivlenii tiagovykh setei peremennogo toka. Moskva, Transzheldorizdat, 1962. 36 p.

KARPENKO, G. V., and R. I. KRIPIAKEVICH. [Effect of hydrogen on the properties of steel] Vliianie vodoroda na svoistva stali. Moskva, Metallurgizdat, 1962. 195 p.
[MICROFILM]

KATSENELENBOGEN, M. E., and N. IA. LEBEDINSKII. [Manual for machine-shop workers, for operators, foremen and technicians] Spravochnik rabotnika mekhanicheskogo tseikha; dlia rabochikh, masterov i tekhnologov. Moskva, Oborongiz, 1962. 318 p.

KAZANSKII, V. E. [Automation and remote control in electric power systems] Avtomatizatsiia i telemekhanizatsiia energeticheskikh sistem. Moskva, Profizdat, 1962. 182 p. (Novaia tekhnika i peredovye metody truda)

KAZ'MIN, G. I., and others. [Petroleum refineries of the U. S. A.] Neftepererabatyvaiushchie zavody SShA. Moskva, Gostoptekhizdat, 1962. 332 p.

KAZ'MIN, V. S. [Handbook on geological exploratory drilling for oil and gas] Spravochnik po geologorazvedochnomu bureniiu na neft' i gaz. Moskva, Gostoptekhizdat, 1962. 506 p.

KHANUKAEV, A. N. [Energy of stress waves in breaking rocks by blasting] Energiia voln napriazhenii pri razrushenii porod vzryvom. Moskva, Gosgortekhizdat, 1962. 199 p.

KHIMKI. TSENTRAL'NYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT MEKHANIZATSII I ENERGETIKI [illegible]ROMYSHLENNOSTI. [Album of working [illegible] the basic parts and units of the TDT-60 [illegible]'bom rabochikh chertezhei osnovnykh [illegible]ov traktora TDT-60. Moskva, Gosles-[illegible] Tipovaia tekhnologiia remonta lesonykh mashin i mekhanizmov)
[illegible]he D60T engine] Dvigatel' D60T. 1962. 224 p.

[illegible]ENTRAL'NYI NAUCHNO-ISSLEDOVATEL'-[illegible]ITUT MEKHANIZATSII I ENERGETIKI PROMYSHLENNOSTI. [Album of working of the basic parts and units of the ZIL-157 [illegible]ck] Al'bom rabochikh chertezhei osnovnykh uzlov avtomobilia ZIL-157. Moskva, Gosles-[illegible]. (Tipovaia tekhnologiia remonta lesozagotoi[illegible]n mashin i mekhanizmov)
[The chassis except the ZIL-157 engine] Shassi, krome dvigatelia ZIL-157. 1962. 280 p.

[illegible].N., and A. D. SUKACH. [The "Donbass-1K"[illegible]-2 coal cutter loader; manual of operation[illegible]nce, and servicing] Ugol'nye kombainy [illegible]-1K" i LGD-2; rukovodstvo po ekspluatatsii, obsluzhivaniiu. Moskva, Gosgortekhizdat, [illegible]4 p.

[illegible], P. S. [Reliable system of maintaining [illegible]s] Garantiinaia sistema tekhnicheskogo [illegible]aniia perforatorov. Moskva, Gosgortekh-[illegible]2. 71 p.

KIFER, I. I. [Testing of ferromagnetic materials; magnetic measurements] Ispytaniia ferromagnitnykh materialov; magnitnye izmereniia. Izd. 2., perer. Moskva, Gosenergoizdat, 1962. 543 p.
[MICROFILM]

KLIMANOV, A. D., and K. G. RUDENKO. [Safety techniques and fire prevention in ore dressing and briquetting plants] Tekhnika bezopasnosti i protivopozharnaia tekhnika na obogatitel'nykh i briketnykh fabrikakh. Moskva, Gosgortekhizdat, 1962. 362 p.

KLYKOV, E. V., and R. I. KOZIULINA. [Automatic regulators of freight car brake systems (conditional No. 265-002 and conditional No. 265-003)] Avtomaticheskie reguliatory gruzovykh rezhimov tormozhenia (usl. No. 265-002 i usl. No. 265-003). Moskva, Transzheldorizdat, 1962. 38 p.

KNELLER, N. A., F. I. KRUKOVETS, and N. N. FETTER. [Industrial interference on the screens of television receivers] Industrial'nye pomekhi na ekranakh televizorov. Moskva, Sviaz'izdat, 1962. 65 p. (Biblioteka "Televizionnyi priem," no. 4)

KNYP, V. A. [Innovators of the Tashkent Agricultural Machinery Plant] Razvedchiki s "Tashsel'masha"; iz opyta raboty bригady kommunisticheskogo truda avtomatnogo uchastka zavoda "Tashsel'mash" imeni K. E. Voroshilova. Tashkent, Gosizdat, UzSSR, 1961. 39 p. (Vystavka dostizhenii narodnogo khoziaistva SSSR)

KODENTSOV, A. IA., and A. S. TERESHCHENKO, comps. [Manual for the worker in a hydraulic section] Posobie dlia rabochego gidrouchastka. Moskva, Gosgortekhizdat, 1961. 41 p.

KOLODEI, A. P., G. F. KHANIN, and SH. IU. TSEITLIN. [Elements of the projecting parts on building facades, their maintenance and repair] Konstruktsii vystupaiushchikh chastei na fasadakh zdanii, ikh soderzhanie i remont. Pod obshchei red. G. F. Khanina. Moskva, Izd-vo M-va kommun. khoz. RSFSR, 1962. 198 p.

KOMAROV, M. S. [Dynamics of load-lifting machines] Dinamika gruzopod"emnykh mashin. Izd. 2., perer. i dop. Moskva, Mashgiz, 1962. 264 p.

KONDRAT'EV, P. V. [Manual for the training of a helicopter pilot, sports flying] Posobie po podgotovke letchika vertoleta (sportivnoi aviatsii). Moskva, Izd-vo DOSAAF, 1962. 174 p.

KONSTANTINOV, V. I., and A. F. SIMONOV. [A collection of practical problems and exercises in electrical engineering] Sbornik prakticheskikh primerov i zadach po obshchei elektrotekhnike. Moskva, Vysshaia shkola, 1962. 280 p.

KOORDINATSIONNOE SOVESHCHANIE PO PERERABOTKE I ISPOL'ZOVANIIU METALLURGICHESKIKH SHLAKOV V STROITEL'STVE, Kharkov, 1961. [Slags in construction; papers] Shlaki v stroitel'stve; trudy. [Khar'kov] Khar'kovskoe knizhnoe izd-vo, 1962. 227 p.

KORB, BOHUSLAV, comp. [Mechanization of auxiliary operations in open-pit mines. Translated from the Czech] Sbornik po mekhanizatsii vspomogatel'nykh rabot na kar'erakh. Moskva, Gosgortekhizdat, 1962. 263 p.

KOSHARNOVSKII, V. P. [Metal cutting and metal-cutting tools] Rezanie metallov i metallorezhushchie instrumenty; bibliograficheskii spravochnik. Khar'kov, Izd-vo Khar'kovskogo univ., 1962. 127 p.

KOSTIAEV, P. S. [Start of an engineer's career] Nachalo puti inzhenera. Moskva, Izd-vo "Znanie," 1962. 31 p. (Novoe v zhizni, nauke, tekhnike. X Seriia: Molodezhnaia, no. 19)

KOSTYKOV, IU. V. [Television picture tubes] Priemnye televizionnye trubki. Moskva, Gosenergoizdat, 1962. 70 p. (Massovaia radiobiblioteka, no. 445)

KOTLIAROV, S. I., D. K. ZIMIN, and N. A. FROLOV. [Problems on the mining operations of drifting and timbering] Zadachnik po gornym rabotam, provedeniiu i krepleniiu gornykh vyrabotok. Izd. 2., perer. i dop. Moskva, Gosgortekhizdat, 1962. 311 p.

KOVSHIKOV, E. K. [Device for signalling the time of holding parts in quenching media during intermittent hardening] Signalizator prodolzhitel'nosti vyderzhki detalei v okhlazhdaiushchikh sredakh pri preryvistoi zakalke. Leningrad, 1962. 10 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia: Metallovedenie i termicheskaia obrabotka, no. 6)

KRASIKOVA, A T. [Life of a woman weaver] Put' tkachikhi [Leningrad] Lenizdat, 1961 57 p. (Novatory Leningradskoi promyshlennosti)

KRASNOIARSKAIA KOMPLEKSNAIA EKSPEDITSIIA. [Minerals of Krasnoyarsk Territory, coals, iron, and nonmetalliferous minerals] Poleznye iskopaemye Krasnoiarskogo kraia, ugli, zhelezo, nemetallicheskoe syr'e. Moskva, Izd-vo Akad. nauk SSSR, 1962. 205 p.

KRAVCHENKO, B. A. [Forces, residual stresses and friction during metal cutting] Sily, ostatochnye napriazhenila i trenie pri rezanii metallov. [Kuibyshev] Kuibyshevskoe knizhnoe izd-vo, 1962. 178 p.

KRINETSKII, I. I. [Design of nonlinear automatic control systems] Raschet nelineinykh avtomaticheskikh sistem. Kiev, Gostekhizdat, USSR, 1962. 224 p.

KRIUCHEK, K. F. [Universal height gauge] Universal'nyi shtangenreismus. Leningrad, 1962. 11 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Opyt novatora [Obmen peredovym opytom] Serilia: Mekhanicheskaia obrabotka, no. 15)

KRUG, L. K., and O.M. MININA. [Electrical controllers in industrial automatic control systems] Elektricheskie regulatory promyshlennoi avtomatiki Moskva, Gosenergoizdat, 1962 334 p.

KRUPIN, G. V. [Processing equipment for the manufacture of protein dairy products] Technologicheskoe oborudovanie dlia proizvodstva belkovykh molochnykh produktov. Moskva, Mashgiz, 1962. 256 p.

KRYLOV, P. A. [Electric salt furnaces and baths] Elektricheskie solianye pechi i vanny. Moskva, Gosenergoizdat, 1962. 103 p. (Biblioteka elektrotermista, no. 11)

KUBARKIN, L. V., and E. A. LEVITIN. [Recreational radio engineering] Zanimatel'naia radiotekhnika, Izd. 2., perer. i dop. Moskva, Gosenergoizdat, 1962. 263 p. (Massovaia radiobiblioteka, no. 454)

KUDRIAVTSEV, IU G., V.I. MELAMED, and A S MYL'NIKOV. [Production and use of ceramic articles in the machinery industry] Proizvodstvo i primenenie mineralokeramicheskikh izdelii v mashinostroenii. Pod red. N.F Kunina i V.I. Melameda. Moskva, Mashgiz, 1962. 157 p.

KUGAENKO, M.E., M.V. KOVYNEV, and V.V. MILLER. [Sheet-rolling mill practice, manual for improving the qualifications of workers in the industry] Listoprokatnoe proizvodstvo, posobie dlia povysheniia kvalifikatsii rabochikh na proizvodstve. Moskva, Metallurgizdat, 1962. 429 p.

KULIGIN, A. V. [Automatic AT-100-5M and AT-120-5 looms] Avtomaticheskie tkatskie stanki AT-100-5M i AT-120-5. Moskva, Rostekhizdat, 1962. 231 p. (Uchebniki i uchebnye posobiia dlia podgotovki rabochikh massovykh professii)

KULIZADE, K.N. [Efficient use of electric power in oil fields] Ratsional'noe ispol'zovanie elektricheskoi energii na neftianykh promyslakh. Baku, Azerneshr, 1962. 182 p.

KUL'SKII, L. A. [Principles of the physicochemical methods of water treatment] Osnovy fiziko-khimicheskikh metodov obrabotki vody Moskva, Izd-vo M-va kommun. khoz. RSFSR, 1962. 219 p.

KURDATOV, A. P. [Mechanized fermentation of cabbage] Mekhanizatsiia kvasheniia kapusty. Moskva, Gostorgizdat, 1961. 44 p.

KURGAEV, E. F. [Principles of the theory and design of clarifiers] Osnovy teorii i rascheta osvetlitelei. Moskva, Gosstroiizdat, 1962. 163 p.

KUTSEVALOV, V. M. [An asynchronous machine with a solid rotor] Asinkhronnaia mashina s massivnym rotorom. Riga, Izd-vo Akad. nauk Latviiskoi SSR, 1962. 184 p.

KUZNETSOV, N.S. [Mineral chemicals industry of the Turkmen S.S.R.] Gorno-khimicheskaia promyshlennost' Turkmenskoi SSR. Ashkhabad, Sovet narodnogo khoziaistva TSSR, 1960. 17 p.

LABUTIN, A.L., and N.S. FEDOROVA [Anticorrosive and sealing thiokol compounds] Antikorrozionnye i germetiziruiushchie tiokolovye sostavy. Leningrad, 1962. 21 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Serila: Sinteticheskie materialy, no. 4)

LABUTIN, A.L., and N.S. FEDOROVA. [Hermetic seals from rubbers] Germetiki na osnove kauchukov, stenogermanna lekisii. Leningrad, 1962. 47 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Serila: Sinteticheskie materialy)

LABUTIN, V P [New technological processes for the application of bright copper and nickel coatings] Novye tekhnologicheskie protsessy blestiashchikh mednykh i nikelevykh pokrytii. Leningrad, 1962 36 p (Leningradskii dom nauchno-tekhnicheskoi propagandy Obmen peredovym opytom Serila: Zashchitnye polkrytiia, no 3)

LABZINA, A.A. [Creative alliance of science and labor] Tvorcheskii soiuz nauki i truda. [Leningrad] Lenizdat, 1961. 56 p.

LANG, A. G., I S. MAZOVER, and V. S. MAIZEL'. [Gantry cranes, design and construction] Portal'nye krany, raschet i konstruirovanie. Izd. 2., perer. i dop. Moskva, Mashgiz, 1962. 283 p.

LARIONOV, A.N., and others [Design of electric devices for aircraft electric equipment] Proektirovanie elektricheskikh apparatov aviatsionnogo elektrooborudovaniia [By] V.A. Balagurov i dr. Pod red A N. Larionova Moskva, Oborongiz, 1962 515 p

LEBEDEV, P. N. [Protecting urban gas networks from corrosion] Opyt zashchity gorodskikh gazovykh setei ot korrozii. Moskva, Izd-vo M-va kommun. khoz. RSFSR, 1962. 80 p.

LENINGRAD, ELEKTROTEKHNICHESKII INSTITUT SVIAZI. [Album of sketches and principal diagrams of an ARF-50 crossbar automatic telephone exchange; a supplement to R. A. Avakov and M. M. Podvidz's book "Principles of the design of an ARF-50 crossbar automatic telephone exchange."] Al'bom eskizno-printsipial'nykh skhem koordinatnoi ATS (tipa ARF-50). (Prilozhenie k knige R.A. Avakova, M. M. Podvidza "Osnovy postroeniia avtomaticheskoi telefonnoi stantsii koordinatnoi sistemy" [tipa ARF-50]). Leningrad, 1960. 12 diagrs.

LESHCHINSKII, N. I. [Transportation of radioactive substances] Transportirovanie radioaktivnykh veshchestv. Moskva, Gosatomizdat, 1962. 194 p.

LEVINSON, B. V., and L. I. CHERNYSHOV. [Centralization of the maintenance and repair of motor vehicles] TSentralizatsiia tekhnicheskogo obsluzhivaniia i remonta avtomobilei. Moskva, Avtotransizdat, 1962. 45 p. (Obmen tekhnicheskim opytom avtotransportnykh predpriiatii)

LEVONTIN, L. I. [Automation of systems of artificial climate] Avtomatizatsiia sistem iskusstvennogo klimata. Moskva, Mashgiz, 1962. 156 p.

LIAKHOVSKII, L.M. [Modernization of the 1336 and 1336M turret lathes] Modernizatsiia tokarno-revol'vernykh stankov 1336 i 1336M. Leningrad, 1962. 17 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Serila: Mekhanicheskaia obrabotka, no. 13)

LIKHTMAN, V. I., E. D. SHCHUKIN, and P. A. REBINDER. [Physicochemical mechanics of metals, adsorption phenomena in processes of deformation and metal failure] Fiziko-khimicheskaia mekhanika metallov, adsorbtsionnye iavlenila v protsessakh deformatsii i razrushenila metallov. Moskva, Izd-vo Akad. nauk SSSR, 1962. 302 p.

LITHUANIAN S.S.R. Liaudies ukio taryba. [Collected materials on the exchange of experience] Sbornik materialov po obmenu opytom. Vil'nius, 1961. 41 p.

LITVINENKO, O.N., and V.I. SOSHNIKOV. [Design of pulse-shaping lines] Raschet formiruiushchikh linii. Kiev, Gostekhizdat, 1962. 113 p.

LIVSHITS, L.G., and A.V. POLIACHENKO. [Reconditioning motor-vehicle and tractor parts] Vosstanovlenie avtotraktornykh detalei. Moskva, Sel'khozizdat, 1962. 319 p.

LOBITSKII, V.G., and V.A. TSAR'KOV. [Introducing advanced welding methods] Vnedrlaem peredovye metody svarki. [Kaluga] Kaluzhskoe knizhnoe izd-vo, 1962. 70 p.

LOMOZOVA, N.Z., and G.M. KURBAKOVA. [Mass-produced third-class television receivers] Massovye televizionnye priemniki III klassa. Moskva, Sviazizdat, 1962. 46 p. (Biblioteka "Televizionnyi priem," no. 3)

LORTKIPANIDZE, B G. [D.C. networks with leakage and electrical protection from corrosion] TSepi postolannogo toka s utechkoi i elektricheskaia zashchita ot korrozii. Tbilisi, Izd-vo Akad nauk Gruzinskoi SSR, 1962. 287 p.

LOSKUTOV, V.I. [Control computers] Upravliaiushchie matematicheskie mashiny. Moskva, Mashgiz, 1962. 387 p.

LUGOV, S.T. [How to search for tin] Kak iskat' olovo. Izd. 2 Moskva, Gosgeoltekhizdat, 1962. 25 p. (Bibliotechka iskatelia poleznykh iskopaemykh)

LUIK, I.A. [Basic principles of organizing the servicing and repair of construction equipment] Osnovnye printsipy organizatsii obsluzhivaniia i remonta stroitel'nykh mashin. Kiev, Gosstroiizdat USSR, 1962.

LUK'IANOV, P.I., and A.G. BASISTOV. [Pyrolysis of crude petroleum products] Piroliz neftianogo syr'ia, resursy neftekhimii. Moskva, Gostoptekhizdat, 1962. 273 p.

MAGIDOV, IA.I. [New culinary products made with potatoes] Novye kulinarnye izdelila iz kartofelia. Moskva, Gostorgizdat, 1961. 25 p.

MAKHMAKOV, G.M., A.I. POGOSIANTS, and S.N. SVINKIN. [Uzbekistan flat bread, technology and bakery formulas] Uzbekskie lepeshki; tekhnologiia i retseptura. Tashkent, Izd-vo AN UzSSR 1961. 68 p.

MAKURIN, P.I. [Handling and use of gas cylinders] Ekspluatatsiia gazovykh ballonov. Moskva, Mashgiz, 1962. 111 p.

MALININ, N.N. [Strength of turbomachines] Prochnost' turbomashin. Moskva, Mashgiz, 1962. 291 p.

MALYI, G A [Automation of industrial furnaces fired with gas] Avtomatizatsiia promyshlennykh pechei, rabotaiushchikh na gazoobraznom toplive. Leningrad, 1962. 23 p (Leningradskii dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Serila: Energetika, no. 6)

MARCHENKO, N A, Z.S. RAIBER, and E.N. KAZATSKAIA. [Applying copper coatings from an ammonia electrolyte] Nanesenie mednogo pokrytiia iz nemiachnogo elektrolita. Leningrad, 1961. 21 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom Serila: Zashchitnye pokrytiia, no. 13)

MARKH, A. T., and R. V. KRZHEVOVA. [Chemical and technological control of the canning industry] Khimikotekhnicheskii kontrol' konservnogo proizvodstva 5. izd., perer. i dop. Moskva, Pishchepromizdat, 1962. 435 p.

MASHINOEKSPORT, VSESOIUZNOE OB"EDINENIE. [The VL23 main-line electric locomotive] Magistral'nyi elektrovoz tipa VL23. [Moskva, n.d.] 31 p. Text in English, German, and French. 46 p

MEREMS'ON, IA.L., and L.G. STEPANOVA. [Experience in operating the ZhR-4 transmitter-receiver] Opyt ekspluatatsii radiostantsii tipa ZhR-4. Moskva, Transzheldorizdat, 1962. 51 p. [MICROFILM]

[METALLOGRAPHY AND THE HEAT TREATMENT OF STEEL] Metallovedenie i termicheska obrabotka stali; spravochnik. Izd. 2., perer. i dop. Pod red. M.L. Bernshteina i A.G. Rakhshtadta. Moskva, Metallurgizdat. Vol. 2. 1962 1656 p

MIKHNEV, M.M. [Reading of mechanical drawing] Chtenie mashinostroitel'nykh chertezhei. Moskva, Oborongiz, 1962, 173 p (Bibliotechka rabochego aviatsionnoi promyshlennosti)

MIKOL'SKII, IU.N. [Pneumatic conveying in the production of building materials] Pnevmaticheskii transport v proizvodstve stroitel'nykh materialov. Kiev, Gosstroiizdat, USSR, 1962. 102 p.

[MINING MECHANICS] Gornaia mekhanika. [By] K.S. Borisenko i dr. Moskva, Gosgortekhizdat, 1962. 406 p.

MIN'KOVSKII, E.M., and N.N. OVSIANNIKOV. [The KELRS and SARS computer models; a manual for training operators] Vychislitel'nye mashiny modelei KELRS i SARS; posobie dlia obucheniia tekhnike raboty na mashinakh. Moskva, Gosstatizdat, 1962. 98 p.

MIRKIN, M. S., and S. KH. SIMIN. [Circular knitting machines for knitted outerwear] Kruglovyazal'nye mashiny verkhnego trikotazha. Moskva, Rostekhizdat, 1962. 307 p.

MIRSKII, A. G., and V. V. KUDINOV. [Selective telephone communication in railroad transportation] Izbiratel'naia telefonnaia sviaz' na zheleznodorozhnom transporte. Moskva, Transzheldorizdat, 1962. 227 p.

MISHKEVICH, R. I. [High temperature oxidation of permalloy in air] Termovozdushnoe okislirovanie permalloia. Leningrad, 1962. 26 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia: Metallovedenie i termicheskaia obrabotka, no. 4)

MOSCOW. INSTITUT INZHENEROV ZEMLEUSTROISTVA. [Laboratory work in aerophytogeodesy for land utilization faculties of higher agricultural schools] Laboratornye raboty po aerofotogeodezii, dlia zemleustroitel'nykh fakul'tetov sel'skokhoziaistvennykh vuzov. Pod obshchei red. V. F. Deineko. Moskva, Izd-vo geodez. lit-ry, 1962. 100 p.

MOSCOW. INSTITUT TIPOVOGO I EKSPERIMENTAL'NOGO PROEKTIROVANIIA. [Collection of materials on results of research and experimental work in 1960-1961] Sbornik materialov po rezul'tatam nauchno-issledovatel'skikh i eksperimental'nykh rabot 1960-1961 gg. Moskva, 1961. 142 p.

MOSCOW. TSENTRAL'NAIA NAUCHNO-TEKHNICHESKAIA BIBLIOTEKA LESNOI I BUMAZHNOI PROMYSHLENNOSTI. [Utilization of the wastes of the lumbering, sawmill and woodworking industries, bibliographic index of foreign literature for the period from 1955 to 1961] Ispol'zovanie otkhodov lesozagotovitel'noi, lesopil'noi i derevoobrabatyvaiushchei promyshlennosti; bibliograficheskii ukazatel' inostrannoi literatury za 1955-1961 gg. Moskva, GOSINTI, 1962. 53 p.

MOSCOW. TSENTRAL'NOE BIURO PROMYSHLENNYKH NORMATIVOV PO TRUDU. [Time norms established in the general machinery industry for die casting and precision casting operations] Obshchemashinostroitel'nye normativy vremeni na liteinye raboty pri lit'e pod davlenie i po vyplavliaemym modeliam. Moskva, Mashgiz, 1962. 57 p.

MOSCOW. TSENTRAL'NYI INSTITUT NAUCHNO-TEKHNICHESKOI INFORMATSII MASHINOSTROENIIA. [Liquid separators for the food industry, handbook-catalog] Separatory zhidkostnye dlia pishchevoi promyshlennosti, katalog-spravochnik. Moskva, 1962. 66 p.

MOSCOW. VSESOIUZNAIA VYSTAVKA TVORCHESTVA RADIOLIUBITELEI-KONSTRUKTOROV, 16th, Moscow. [The best designs] Luchshie konstruktsii. Moskva, Izd-vo DOSAAF, 1962. 156 p.

MOSCOW. VSESOIUZNYI INSTITUT NAUCHNOI I TEKHNICHESKOI INFORMATSII. [Rolling mills] Prokatnye stany. Pod red. D. S. Rokotiana. Moskva, 1960-61. 2 v.

MOSCOW. VSESOIUZNYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT KHOLODIL'NOI PROMYSHLENNOSTI. [Recommendations for the design and planning of refrigeration installations] Rekomendatsii po proektirovaniiu kholodil'nykh ustanovok. Moskva, 1962. 84 p.

MOSCOW. VSESOIUZNYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT MINERAL'NOGO SYR'IA. [Industry's requirements as to the quality of mineral raw materials] Trebovaniia promyshlennosti k kachestvu mineral'nogo syr'ia, spravochnik dlia geologov. Moskva, Gosgeoltekhizdat,

No. 31. Puzanov, L. S., and others. [Piezoelectric and optical minerals] P'ezoelektricheskoe i opticheskoe syr'e. Nauchn. red. A. S. Gudkov i A. I. Suderkin. Izd. 2., perer. 1962. 46 p.

No. 32. Chernosvitov, IU. L. [Natural mineral fillers] Prirodnye mineral'nye napolniteli. Nauchn. red. V. S. Voselovskii. Izd. 2., perer. 1962. 122 p.

MOSCOW. VSESOIUZNYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT PO NORMALIZATSII V MASHINOSTROENII. [Dies for sheet-metal work; punches and lower dies for piercing square and oval holes (MN 2736-61 - MN 2749-61).] Shtampy dlia kholodnoi shtampovki: puansony i matritsy dlia probivki kvadratnykh i oval'nykh otverstvii (MN 2736-61 - MN 2749-61). Moskva, Standartgiz, 1962. 55 p. (SSSR. Normali mashinostroeniia)

MOSCOW. VSESOIUZNYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT VODOSNABZHENIIA, KANALIZATSII, GIDROTEKHNICHESKIKH SOORUZHENII I INZHENERNOI GIDROGEOLOGII. [Biochemical purification of waste waters from chemical plants] Biokhimicheskaia ochistka stochnykh vod predpriiatii khimicheskoi promyshlennosti. Moskva, Gosstroiizdat, 1962. 230 p.

MOSCOW. VSESOIUZNYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT VODOSNABZHENIIA, KANALIZATSII, GIDROTEKHNICHESKIKH SOORUZHENII I INZHENERNOI GIDROGEOLOGII. [Ways of reducing the construction costs of dams] Puti snizheniia stoimosti plotin, sbornik statei. Pod obshchei red. A. A. Nichiporovicha. Moskva, Gosenergoizdat, 1962. 110 p.

MURASHEV, V. I., E. L. SIGALOV, and V. N. BAIKOV. [Reinforced concrete elements] Zhelezobetonnye konstruktsii, obshchii kurs. Pod red. P. L. Pasternaka. Moskva, Gosstroiizdat, 1962. 656 p.

MURTAZAEV, MUDZHABA. [Our construction brigade] Nasha stroitel'naia brigada. Stalinabad, Tadzhikgosizdat, 1961. 26 p. (Peredoviki semiletki)

MURZIN, V. A., and IU. A. TSEITLIN. [Turbocompressors in the mining industry of the U. S. S. R.] Turbokompressory v gornoi promyshlennosti SSSR. Moskva, Gosgortekhizdat, 1962. 70 p.

NEIMAN, L. R., and others. [D. C. transmission lines as elements of power systems] Elektroperedacha postoiannogo toka kak element energeticheskikh sistem. Moskva, Izd-vo Akad. nauk SSSR, 1962. 340 p.

NEKRUCHEV, S. G. [Oil-producing layers and oil migration; results of studying organic matter in sedimentary rocks] Neftenosnye svity i migratsiia nefti, rezul'taty izucheniia organicheskogo veshchestva osadochnykh porod. Leningrad, Gostoptekhizdat, 1962. 223 p.

NIKITIN, G. M. [Fundamentals of safety and fire prevention techniques] Osnovy tekhniki bezopasnosti i protivopozharnoi tekhniki. Leningrad, Izd-vo "Rechnoi transport," 1961. 423 p.

NIKITSKII, A. S. [Hardeners for concretes and mortars] Uskoriteli tverdeniia betonov i rastvorov. Minsk, Gosizdat BSSR, 1962. 40 p.

NIZOVKIN, G. A., and V. F. KUL'BITSKII. [Mechanization of the engineering geology studies of the bad spots of the roadbed] Mekhanizatsiia inzhenerno-geologicheskikh obsledovanii bol'nykh mest zemlianogo polotna. Moskva, Transzheldorizdat, 1962. 24 p.

NOVOMIRSKII, S. P. [Laboratory and practical study of tractors] Laboratorno-prakticheskie zaniatiia po traktoram. Izd. 2., ispr. Moskva, Sel'khozizdat, 1962. 294 p.

OLEINIKOV, F. G. [Storing and processing fruits and vegetables] Khranenie i pererabotka plodov i ovoshchei. [Rostov-na-Donu] Rostovskoe knizhnoe izd-vo, 1961. 51 p.

[ORE DRESSING AND COAL PREPARATION IN THE KAZAKH S.S.R.; transactions of the out-of-town session in Balkhash and Karaganda, of the Section on Mineral Dressing of the Learned Council of the A. A. Skochinskii Mining Institute (November-December 1960)] Zadachi obogashcheniia rud i uglei Kazakhskoi SSR, trudy vyezdnoi sessii sektsii obogashcheniia poleznykh iskopaemykh Uchenogo soveta Instituta i gornogo dela im. A. A. Skochinskogo v gorodakh Balkhashe i Karagande, noiabr' - dekabr' 1960 g. Moskva, Izd-vo Akad. nauk SSSR, 1962. 173 p.

OSIPOV, S. I., and K. A. MIRONOV. [Fundamentals of electric traction] Osnovy elektricheskoi tiagi. 2. perer. izd. Moskva, Transzheldorizdat, 1962. 333 p.

OTLIVANCHIK, A. N. [Manufacture and use of particle boards] Proizvodstvo i primenenie drevesnostruzhechnykh plit. Moskva, Gosstroiizdat, 1962. 310 p.

OVANESOV, G. P. [Formation of oil and gas pools in Bashkiria, their classification and prospecting methods] Formirovanie zalezhei nefti i gaza v Bashkirii, ikh klassifikatsiia i metody poiskov. Pod red. G. E. Dikenshteina. Moskva, Gostoptekhizdat, 1962. 204 p.

PAKIDOV, P. A. [Program control of lathes and turret machines] Programmnoe upravlenie tokarnymi i revol'vernymi stankami. Moskva, Mashgiz, 1962. 191 p.

PANASENKO, V. D. [Elements of automatic control and computer engineering, a manual on standard components and networks] Elementy avtomaticheskikh ustroistv i vychislitel'noi tekhniki, spravochnik po tipovym elementam i skhemam. Izd. 2., dop. i perer. Moskva, Oborongiz, 1962. 300 p.

PANKRATOV, S. A. [Fundamentals of the design of main units of excavators and cranes] Konstruktsiia i osnovy rascheta glavnykh uzlov ekskavatorov i kranov. Moskva, Mashgiz, 1962. 539 p.

PAS', A. I., and V. N. CHULKOV. [Welding of aluminum-magnesium alloys in an argon-shielded atmosphere over a layer of flux] Svarka alium inievo-magnievykh splavov v srede argona i po sloiu flusa. Leningrad, 1962. 19 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia Svarka i paika, no. 7)

PASHKOV, L. D. [Organizing the stocking of elements and assembly of heat and gas distribution systems] Organizatsiia zagotovki i montazha sistem teplogazosnabzheniia. Moskva, Izd-vo M-va kommun. khoz. RSFSR, 1962. 119 p.

PECHORINA, I. N. [Design of automatic control systems] Raschet sistem avtomaticheskogo upravleniia, spravochnoe posobie. Moskva, Mashgiz, 1962. 111 p.

PERMIAKOV, I. G., M. M. SATTAROV, and I. B. GENKIN. [Methodology of analyzing the development of oil fields] Metodika analiza razrabotki neftianykh mestorozhdenii. Moskva, Gostoptekhizdat, 1962. 358 p.

PETROV, V. A. [Automatic motor-vehicle clutches] Avtomaticheskie stsepleniia avtomobilei. Moskva, Mashgiz, 1961. 277 p.

PIKATT ORDYNSKII, G. A., ed. [Flotation of minerals. Articles translated from the English. Preface by D. S. Emel'ianov] Flotatsiia poleznykh iskopaemykh. Moskva, Gosgortekhizdat, 1962. 213 p.

PISARENKO, G. S., and I. A. KOZLOV. [Carrying capacity of rapidly rotating disks] O nesushchei sposobnosti bystro vrashchaiushchikhsia diskov. Kiev, Gostekhizdat USSR, 1962. 47 p.

PLAKSIN, I. N., IU. G. MELIK-STEPANOV, and IU. M. SOKHIN. [Dressing ores in heavy media] Obogashchenie rud v tiazhelykh sredakh. Moskva, Izd-vo Akad. nauk SSSR, 1962. 110 p.

POBORCHII, V. S. [Experience in the automation of steam boilers fired with gas] Opyt avtomatizatsii parovykh kotlov, rabotaiushchikh na gazoobraznom toplive. Leningrad, 1962. 22 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia: Energetika, no. 7)

PODOL'SKII, L. R., N. I. CHOLOVSKII, and IU. A. FOMIN. [Electric meters for registering the consumption of electric power by electrified rolling stock] Schetchiki elektricheskoi energii elektropodvizhnogo sostava. Moskva, Transzheldorizdat, 1962. 115 p.

PODSHIVALOV, A. S. [Repair of the SL-2 speedometer, from practices of the Pechora North Railroad Depot] Remont skorostemera SL-2, iz opyta depo Pechora Severnoi zh. d. Moskva, Transzheldorizdat, 1962. 45 p.

POIARKOV, A. M. [Steelmaking] Proizvodstvo stali. Izd. 2., ispr. i dop. Khar'kov, Metallurgizdat, 1962. 520 p.

POLEKHIN, S. I. [Crosstalk coupling between telecommunication networks] Vzaimnoe vliianie mezhdu tsepiami sviazi. Moskva, Sviaz'izdat, 1962. 68 p. (Vsesoiuznyi zaochnyi tekhnikum sviazi)

POLIAKOV, D. I., ed. [Album of equipment for the mechanization of foundries] Al'bom sredstv mekhanizatsii liteinykh tsekhov. [By] M. K. Loginova i dr. Moskva, Mashgiz, 1962. 131 p.

POLIAKOV, L. P. [Calculations for arched bridges] Raschet arochnykh mostov. Kiev, Gosstroiizdat USSR, 1962. 358 p.

POLIAKOV, N. M., and N. I. CHIZHIKOV. [Special methods in mining] Provedenie gornykh vyrabotok spetsial'nymi sposobami. Moskva, Gosgortekhizdat, 1962. 373 p.

POLIAKOV, S. I. [Stages in developing the processes of machine assembly] Etapy razrabotki tekhnologicheskikh protsessov sborki mashin, opyt raboty zavoda im. Karla Marksa. Leningrad, 1962. 20 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia: Mekhanicheskaia obrabotka metallov, no. 10)

POLSHKOV, M. K. [Basic problems of seismic prospecting apparatus, steady processes and capacity to solve problems] Osnovnye voprosy seismorazvedochnoi apparatury, ustanavlivaiushchiesia protsessy, razreshaiushchaia sposobnost' Moskva, Gostoptekhizdat, 1962. 335 p.

POL'SKII, S. M. [New flowmeters and consumption meters in the petroleum and petrochemical industries abroad] Novye zhidkostnye schetchiki i raskhodomery v neftianoi i neftekhimicheskoi promyshlennosti za rubezhom. Moskva, Gostoptekhizdat, 1962. 76 p.

POMAZANOV, I. N., and P. L. TIKHOMIROV. [Electric soldering guns with internal heater] Elektropaial'niki s vnutrennim nagrevatelem. Leningrad, 1962. 23 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia: Svarka i paika, no. 4)

POPOV, A. A. [Theoretical basis of the chemical and heat treatment of steel] Teoreticheskie osnovy khimiko-termicheskoi obrabotki stali. Sverdlovsk, Metallurgizdat, 1962. 118 p.

POPOV, V. P. [Polymers in the mechanization of agriculture] Polimery v mekhanizatsii sel'skogo khoziaistva. Moskva, Sel'khozizdat, 1962. 86 p.

[PRESS FORGING EQUIPMENT] Kuznechno-pressovoe oborudovanie. Izd. ofitsial'noe. Moskva, Standartgiz, 1961. 245 p.
[MICROFILM]

[PREVENTING AND CONTROLLING ACCIDENTS IN DRILLING. Translated from the Rumanian] Preduprezhdenie i bor'ba s avariiami v burenii. Pod red. i v obrabotke M. A. Geimana. Moskva, Gostoptekhizdat, 1962. 294 p.

PRIDANTSEV, M. V. [Effect of impurities in rare earth elements on the properties of alloys] Vliianie primesei i redkozemel'nykh elementov na svoistva splavov. Moskva, Metallurgizdat, 1962. 208 p.

PRIVEZENTSEV, V. A., and A. O. MAGIDSON. [Artificial and synthetic fibers and films for electrical insulation] Iskusstvennye i sinteticheskie volokna i plenki dlia elektrotekhnicheskoi izoliatsii. Moskva, Gosenergoizdat, 1962. 111 p. (Polimery v elektroizoliatsionnoi tekhnike, no. 3)

[PRODUCTION NORMS, ESTIMATES, AND REGULATIONS FOR CONSTRUCTION AND ASSEMBLY OPERATIONS; general construction operations] Proizvodstvennye normy, rastsenki i pravila na stroitel'no-montazhnye raboty; obshchestroitel'nye raboty. Izd. 6., dop. i ispr. Kiev, Gosstroizdat USSR, 1962. 1025 p.

PROFSOIUZ RABOCHIKH MASHINOSTROENIIA SSSR. [Safety and sanitation regulations in forge and press shops] Pravila tekhniki bezopasnosti i proizvodstvennoi sanitarii v kuznechno-pressovom proizvodstve. Utverzhdeny postanovleniem Prezidiuma TsK Profsoiuza rabochikh mashinostroeniia 19 marta 1959 g. Moskva, Mashgiz, 1961. 62 p.

PROKHORENKO, K. K. [Slag conditions in steel smelting] Shlakovyi rezhim pri vyplavke stali. Moskva, Metallurgizdat, 1962. 242 p.

PROMTOV, A. I. [Technical equipment for the compressor stations of gas pipelines and its operation] Tekhnologicheskoe oborudovanie kompressornykh stantsii magistral'nykh gazoprovodov i ego ekspluatatsiia. Moskva, Gostoptekhizdat, 1962. 326 p.

PROSHIN, A. S. [Special cranes for the assembly of thermal electric power plants] Spetsial'nye krany dlia montazha teplovykh elektrostantsii. Moskva, Gosenergoizdat, 1962. 230 p.

PROSKURIAKOV, V. B. [Using the method of photoelasticity in solving engineering problems] Ispol'zovanie metoda fotouprugosti pri reshenii inzhenernykh zadach. Moskva, Gosenergoizdat, 1962. 47 p.
[MICROFILM]

[PROTECTION OF RAILROADS AGAINST MUDFLOWS, proceedings of the conference held in Tbilisi in April 1961] Zashchita zheleznykh dorog ot selevykh potokov, trudy soveshchaniia v g. Tbilisi v aprele 1961 g. Moskva, Transzheldorizdat, 1962. 237 p.

PROVORNOV, S. M., I. S. GOLOD, and N. D. BERNSHTEIN. [Equipment for motion-picture film printing] Kino-kopiroval'naia apparatura. Moskva, Iskusstvo, 1962. 314 p.

PSAKHIS, Z. IA., and others. [Modeling of automobiles] Avtomobil'nyi modelizm. Pod obshchei red. Z. IA. Psakhisa. [By] E. Diskin i dr. Moskva, Izd-vo DOSAAF, 1962. 391 p.

PUGOVKIN, P. R. [Powder magnetic clutch for an electric drive] Elektromagnitnaia poroshkovaia mufta dlia elektroprivoda. Leningrad, 1962. 26 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia: Mekhanicheskaia obrabotka, no. 12)

PUSHKIN, A. I., and D. V. SHIRIAEV. [Theory and practice of paper dyeing] Teoriia i praktika krasheniia bumagi. Moskva, Goslesbumizdat, 1962. 266 p.

PYSHKIN, V. P. [Mechanization of grain handling] Mekhanizatsiia rabot s zernom. Moskva, Zagotizdat, 1961. 108 p. (V pomoshch' rabotnikam khleboprieminykh predpriiatii)

RADIN, V. I. [Amplidynes] Elektromashinnye usiliteli. Moskva, Gosenergoizdat, 1962. 75 p. (Biblioteka po avtomatike, no. 56)

[RADIO EQUIPMENT] Radiotekhnicheskie ustroistva. Izd. ofitsial'noe. Moskva, Standartgiz, 1962. 398 p. (SSSR. Gosudarstvennye standarty)

RAKOV, V. I. [Radar display units] Indikatornye ustroistva radiolokatsionnykh stantsii. Leningrad, Sudpromgiz, 1962. 531 p.

RAPOPORT, Z. G., and K. E. BOBROV. [Materials for repairing radio equipment] Materialy dlia remonta radiooborudovaniia; kratkii spravochnik. Moskva, Voenizdat, 1962. 256 p.

RAZIKOV, M. I. [Automatic hard facing and build-up welding in an atmosphere of carbon dioxide] Avtomaticheskaia naplavka v srede uglekislogo gaza. Moskva, Mashgiz, 1962. 211 p.

[REFRACTORIES AND REFRACTORY PRODUCTS] Ogneupory i ogneuporne izdeliia. Izd. ofitsial'noe. Moskva, Gos. izd-vo standartov, 1961. 411 p. (SSSR. Gosudarstvennye standarty)

RINALDI, GIUSEPPE, engineer. [Prestressed concrete, technology of production, standards, design, and testing. Translated from the Italian] Predvaritel'no napriazhennyi zhelezobeton; tekhnologiia proizvodstva, normy, proektirovanie i ispytaniia. Moskva, Gos. izd-vo lit-ry po stroit. i arkhit., 1957. 94 p. (GAT)

RIVLIN, L. B. [How to locate faults in an asynchronous motor] Kak opredelit' neispravnost' asinkhronnogo dvigatelia. Izd. 2., ispr. Moskva, Gosenergoizdat, 1962. 55 p. (Biblioteka elektromontera, no. 77)

RODOV, A. B., and A. I. TIKHONOV, comps. [Heat control and measurement instruments and automatic regulators of the boiler feeders of B-4000 railroad car mounted power plants and their maintenance] Teplovye kontrol'no-izmeritel'nye pribory i avtomaticheskie regulatory pitaniia kotlov energopoezdov B-4000 i ikh obsluzhivanie. Moskva, Gosenergoizdat, 1962. 83 p.

ROMANOV, B. A. [Low-frequency electron tube amplifiers] Lampovye usiliteli nizkoi chastoty. Leningrad, M-vo sviazi SSSR, 1961. 150 p.

RUDTSOVA, N. M., and G. S. SAVINOV. [Use of the EV-80-3 electronic computer in calculating the composite norms for the expenditure of materials; based on the practices of the Kirov Plant; verbatim report] Raschet svodnykh norm raskhoda materialov s pomoshch'iu elektronnoi mashiny EV-80-3; opyt Kirovskogo zavoda. Stenogramma doklad. Leningrad, Leningr. dom nauchno-tekhn. propagandy, 1962. 51 p.

RUDNEV, N. M., and L. O. NUTOV. [Processing of by-products in the wine-making industry] Pererabotka vtorichnogo syr'ia vinodel'cheskoi promyshlennosti. Moskva, Pishchepromizdat, 1962. 61 p. (Biblioteka molodogo rabochego)

RUDNITSKII, M. L., and V. A. SUDRAB. [Guide for workers occupied in the dressing and recovery of nonferrous metals and diamonds] Pamiatka dlia rabochikh, zaniatykh na obogashchenii i izvlechenii tsvetnykh metallov i almazov. Moskva, Gosgortekhizdat, 1962. 154 p. (Organizatsiia i oplata truda)

RUDNITSKII, M. L., and V. A. SUDRAB. [Handbook for miners engaged in stoping mining of nonferrous metal ores, diamonds, and mica] Pamiatka dlia rabochikh, zaniatykh na dobyche rud tsvetnykh metallov, almazov i sludy otkrytym sposobom. Moskva, Gosgortekhizdat, 1962. 170 p. (Organizatsiia i oplata truda)

RUDNITSKII, M. L., and V. A. SUDRAB. [Handbook for miners engaged in underground mining of nonferrous ores, diamonds, and mica] Pamiatka dlia rabochikh, zaniatykh na podzemnykh rabotakh po dobyche rud tsvetnykh metallov, almazov i sludy. Moskva, Gosgortekhizdat, 1962. 156 p. (Organizatsiia i oplata truda)

RUDNITSKII, M. L., and V. A. SUDRAB. [Handbook for miners working on the surface of nonferrous metal mines] Pamiatka dlia rabochikh, zaniatykh na poverkhnosti rudnikov i shakht tsvetnoi metallurgii. Moskva, Gosgortekhizdat, 1962. 122 p. (Organizatsiia i oplata truda)

RUSSIA (1923- U.S.S.R.) Glavnoe energeticheskoe upravlenie. [Safety engineering regulations for operating and servicing electrical systems of industrial enterprises, mandatory for industrial enterprises, economic councils, ministries, and departments] Pravila tekhnicheskoi ekspluatatsii i bezopasnosti obsluzhivaniia elektroustanovok promyshlennykh predpriiatii, obiazatel'ny dlia promyshlennykh predpriiatii, sovnarkhozov, ministerstv i vedomstv. Utverzhdeny 10 fevralia 1961 g. Moskva, Metallurgizdat, 1962. 360 p.

RUSSIA (1923- U.S.S.R.) Gosudarstvennyi komitet po delam stroitel'stva. [Construction specifications and regulations] Stroitel'nye normy i pravila. Moskva, Gosstroizdat.

Pt. 2, Sec. V, ch. 4. [Wood elements, standards for design] (SNiP II-V. 4-62)] Dereviannye konstruktsii; normy proektirovaniia. (SNiP II-V. 4-62). 1962. 32 p.

Sec. L, ch. 2. [Public buildings and structures, basic principles of design. (SNiP II-L. 2-62)] Obshchestvennye zdaniia i sooruzheniia, osnovnye polozheniia proektirovaniia (SNiP II-L. 2-62). 1962. 7 p.

ch. 13. [Baths, standards for design. (SNiP II-L. 13-62)] Bani, normy proektirovaniia. (SNiP II-L. 13-62). 1962. 14 p.

Pt. 3. Sec. A, ch. 3. [Standards for the time required to build enterprises, economically operational industrial combines, shops, buildings, and structures. (SNiP III-A. 3-62)] Normy prodolzhitel'nosti stroitel'stva predpriiatii, puskovykh kompleksov, tsekhov, zdanii i sooruzhenii. (SNiP III-A. 3-62). 1962. 115 p.

RUSSIA (1923- U.S.S.R.) Gosudarstvennyi komitet po delam stroitel'stva. [Standards SN 209-62 for the technical design of enterprises for the production of solid and cellular silicate concrete articles] Normy tekhnologicheskogo proektirovaniia predpriiatii po proizvodstvu izdelii iz plotnogo i iacheistogo silikatnogo betona (SN 209-62). Moskva, Gosstroizdat, 1962. 18 p.

RUSSIA (1923- U.S.S.R.) Gosudarstvennyi komitet po delam stroitel'stva. [Technical specifications SN 208-62 for the assemblage of rotary kilns and drum driers] Tekhnicheskie ukazaniia na montazh vrashchaiushchikhsia pechei i barabannykh sushilok SN 208-62. Moskva, Gosstroizdat, 1962. 21 p.

RUSSIA (1923- U.S.S.R.) Komitet po delam izobretenii i otkrytii. [Inventions; electromechanical engineering] Sbornik izobretenii, elektromashinostroenie. Moskva, TSentr. biuro tekhn. informatsii, 1962. 200 p. (Sborniki otechestvennykh izobretenii)

RUSSIA (1923- U.S.S.R.) Komitet po delam izobreteni i otkrytii. [Inventions; railroad transportation] Sbornik izobreteni, zheleznodorozhnyi transport. Moskva, TSentr. biuro tekhn. informatsii, 1962. 207 p. (Sborniki otechestvennykh izobreteni)

RUSSIA (1923- U.S.S.R.) Komitet po nadzoru za bezopasnym vedeniem rabot v promyshlennosti i gornomu nadzoru. [Regulations for the installation and safe operation of cranes, mandatory for all ministries and departments] Pravila ustroistva i bezopasnoi ekspluatatsii gruzopod"emnykh kranov, obiazatel'ny dlia vsekh ministerstv i vedomstv. V novolashchee izdanie Pravil vneseny izmenenlia i dopolnenlia, prinlatye Gosgortekhnadzorom RSFSR. Moskva, Gosgortekhizdat, 1961. 83 p.

RUSSIA (1923- U.S.S.R.) Komitet po nadzoru za bezopasnym vedeniem rabot v promyshlennosti i gornomu nadzoru. [Regulations for the installation and safe operation of piping for steam and hot water, mandatory for all ministries and departments] Pravila ustroistva i bezopasnoi ekspluatatsii truboprovodov para i goriachei vody. Obiazatel'ny dlia vsekh ministerstv i vedomstv. Izd 4. Moskva, Gosgortekhizdat, 1961. 30 p.

RUSSIA (1923- U.S.S.R.) Komitet po nadzoru za bezopasnym vedeniem rabot v promyshlennosti i gornomu nadzoru. [Regulations for the manufacture and safe operation of high-pressure vessels; mandatory for all ministries and departments] Pravila ustroistva i bezopasnoi ekspluatatsii sosudov, rabotaiushchikh pod davleniem, obiazatel'ny dlia vsekh ministerstv i vedomstv. Izd.4. Moskva, Gosgortekhizdat, 1961. 79 p.

RUSSIA (1923- U.S.S.R.) Komitet standartov, mer i izmeritel'nykh priborov. [Checking optical-mechanical instruments for the measurement of lengths and angles] Poverka optiko-mekhanicheskikh priborov dlia izmerenlia dlin i uglov; sbornik instruktsii. Izd. ofitsial'noe. Moskva, Standartgiz, 1961. 505 p. (SSSR. Gosudarstvennye standarty)

RUSSIA (1923- U.S.S.R.) Ministerstvo geologii i okhrany nedr. [Perlite and vermiculite, geology, prospecting methods, and technology] Perlit i vermikulit; geologiia, metodika razvedki i tekhnologiia. Moskva, Gosgeoltekhizdat, 1962. 122 p.

RUSSIA (1923- U.S.S.R.) TSentral'nyi metodicheskii kabinet po srednemu spetsial'nomu obrazovaniiu. [Geology, mineralogy, petrography, and ore deposits, course outline for secondary special schools for the major "Working ore and placer deposits."] Geologiia, mineralogiia, petrografiia i rudnye mestorozhdeniia; programma dlia srednikh spetsial'nykh uchebnykh zavedenii po spetsial'nosti "Razrabotka rudnykh i rossypnykh mestorozhdenii." Moskva, 1962.

RYZHENKO, I.M. [Orthogonal and axonometric sketching] Ortogonal'noe i aksonometricheskoe eskizirovanie. Khar'kov, Izd-vo Khar'kovskogo univ., 1960. 118 p.

SAAKOV, M.A. [Experience of innovators in rapid drilling of wells] Opyt novatorov skorostnogo bureniia skvazhin. Moskva, Gostoptekhizdat, 1962. 121 p.

SALGUS, K.A. [Handbook on lumber used in the mining industry] Spravochnik po lesnym materialam, primeniaemym v gornoi promyshlennosti. Moskva, Gosgortekhizdat, 1961. 301 p.

SAMOILOV, B.A., O.G. TIRBAKH, and N.V. SHKRUM. ["Tatra-2" streetcars] Tramvainye vagony "Tatra-2." Moskva, Izd-vo M-va kommun. khoz. RSFSR, 1962. 167 p.

SAMOILOVICH, N.I. ["Kommunist-Novaya" Mine, an enterprise of communist labor] Shakhta "Kommunist-Novaia" - predpriiatie kommunisticheskogotruda. Pod obshchei red. A.K.Pochenkova. Moskva, Gosgortekhizdat, 1961. 31 p.

SAPKO, A.I. [Tender and operator of an electric steel smelting shop] Slesar'-mekhanik elektrostaleplavil'nogo tsekha. Moskva, Metallurgizdat, 1962. 190 p.

SAPOZHNIKOV, M.IA. [Machinery of the building materials industry; atlas of designs] Mashiny promyshlennosti stroitel'nykh materialov; atlas konstruktsii. Izd.2., perer. i dop. Moskva, Mashgiz, 1961. 215 p.

ŠATAVA, VLADIMÍR, and JAROSLAV ŠKRDLÍK. ["Silikork", a porous concrete. Translated from the Czech] Poristyi beton"silikork." Pod red. A.V. Konorova. [Moskva] Gosstroiizdat, 1962. 230 p.

SAVUL'KIN, A.E., and R.L. SATANOVSKII. [Automation of potentiometer and toroidal coil winding operations on transfer machines] Avtomatizatsiia protsessa namotki potentsiometrov i toroidov na stankakh rotornogo klassa. Leningrad, 1962. 17 p. [Leningradskii dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia Pribory i elementy avtomatiki, no. 4)

SEMICHASTNOV, I.F. [Hydraulic transmissions of diesel locomotives] Gidravlicheskie peredachi teplovozov. Izd 3., perer. Moskva, Mashgiz, 1961. 331 p.

[SEMICONDUCTOR DEVICES AND THEIR APPLICATIONS] Poluprovodnikovye pribory i ikh primenenie, sbornik statei. Pod red. IA.A. Fedotova. Moskva, Izd-vo "Sovetskoe radio." No. 8. 1962. 332 p.

[SERVE CORN] Kukuruza na stole. [Moskva, Gostorgizdat, 1962. 151 p.

SHADALIN, G.I., and others. [The track of high-speed train sections; work practice of the railroad workers of the October Railroad] Put' na uchastkakh skorostnogo dvizhenlia poezdov, opyt raboty puteitsev Oktiabr'skoi dorogi. Moskva, Transzheldorizdat, 1962. 71 p.

SHAKHBAZIAN, SH.A. [An aid for the young lathe operator] V pomoshch' molodomu tokariu. [Rostov-na-Donu] Rostovskoe knizhnoe izd-vo, 1962. 93 p.

SHAL'NEV, V.G. [Progress in forging and sheet-metal working methods] Razvitie metodov obrabotki metallov davleniem. Moskva, Mashgiz, 1962. 618 p.

SHAPCHENKO, A.A. [Operational planning in assembly shops] Operativnoe planirovanie v sborochnykh tsekhakh. Izd.2., ispr. i dop. Moskva, Mashgiz, 1962. 114 p.

SHASHURIN, S.L. [Secondary mining of nonferrous and rare metal deposits] Povtornaia razrabotka mestorozhdenii tsvetnykh i redkikh metallov. Moskva, Gosgortekhizdat, 1962. 237 p.

SHCHEDROVITSKII, S.S. [Equipment for the measurement of mass] Tekhnika izmerenia massy. Moskva, Standartgiz, 1961. 353 p.

SHCHEGOLEV, G.M., and A.V. IASHIN. [Low temperature ashing of fuels] Nizkotemperaturnoe ozolenie topliv. Kiev, Izd-vo Akad. nauk USSR, 1962. 49 p.

SHCHERBAKOV, O.K., and M.A. TEREKHIN. [Design of stabilized rectifying devices for electronic computers] Inzhenernyi raschet stabilizirovannykh vypriamitel'nykh ustroistv dlia vychislitel'nykh mashin. Moskva, In-t tochnoi mekhaniki i vychislitel'noi tekhniki Akad. nauk SSSR, 1961. 61 p. (Elektronnye vychislitel'nye mashiny)

SHCHETININ, S.F. [Wear and deformation of basic parts of motor vehicles] Iznos i deformatsiia bazistykh detalei avtomobilei. Moskva, Mashgiz, 1962. 97 p.

[SHEETS, STRIPS, AND BANDS OF NONFERROUS METALS AND ALLOYS] Listy, polosy i lenty iz tsvetnykh metallov i splavov. Izd. ofitsial'noe. Moskva, Gos. izd-vo standartov, 1961. 283 p. (SSSR. Gosudarstvennye standarty)

SHEININ, IA.G. [Machine processing of defective wood and wood wastes for containers and other lumber products] Mekhanicheskaia pererabotka drevesiny i otkhodov na tarnuiu i prochnuiu piloproduktsiiu. Moskva, Goslesbumizdat, 1962. 164 p.

SHEMSHURIN, V.A. [Methodological handbook on prospecting with radio waves in searching for underground waters in an arid zone] Metodicheskoe rukovodstvo po radiovolnovomu zondirovaniiu (RVZ) pri razvedke podzemnykh vod v aridnoi zone. Moskva, Gosgeoltekhizdat, 1962. 45 p. [MICROFILM]

SHEVCHIK, V.N., G.N. SHVEDOV, and A.V. SOBOLEVA. [Oscillatory and wave effects in electron currents at super-high frequencies] Volnovye i kolebatel'nye iavlenlia v elektronnykh potokakh na sverkhvysokikh chastotakh. [Saratov] Izd-vo Saratovskogo univ., 1962. 334 p.

SHIFRIN, D.M. [Heat engines] Teplovye dvigateli. Moskva, Mashgiz.
Pt. I. [Piston engines] Porshnevye dvigateli. 1962. 312 p.

SHKINEV, A.N. [Accidents at construction installations; their causes and ways of preventing and eliminating them] Avarii na stroitel'nykh ob"ektakh, ikh prichiny i sposoby preduprezhdenlia i likvidatsii. Moskva, Gosstroiizdat, 1962. 217 p.

SHTEINGUZ, I.SH., and A.I. MELIK-PARSADANOVA. [Masonry work] Proizvodstvo kamennykh rabot. Moskva, Profizdat, 1962. 210 p.

SIBIRKO, A.N., and K.A. KHAVKIN. [Calculation of volumes of road earthwork on electronic calculating machines] Podschet ob"emov zemlianykh rabot avtomobil'nykh dorog na elektronnykh vychislitel'nykh mashinakh. Moskva, Avtotransizdat, 1962. 79 p.

SIDOROV, O.A. [Human physiological factors determining the arrangement of a machine control board] Fiziologicheskie faktory cheloveka, opredeliaiushchie komponovku posta upravlenlia mashinoi. Moskva, Oborongiz, 1962. 362 p.

SINAEV, A.N. [Electronic systems of multichannel nuclear particle spectrometers] Elektronnye sistemy mnogokanal'nykh spektrometrov iadernykh chastits. Moskva, Gosatomizdat, 1962. 94 p.

SKARZHEPA, E.A. [Tables for calculating the density, acidity, and amount of carbonic acid in nonalcoholic beverages] Tablitsy dlia vychisleniia plotnosti kislotnosti i soderzhaniia uglekisloty v bezalkogol'nykh napitkakh. Moskva, Tsishchepromizdat, 1962. 34 p.

SKLIAROV, N.M., ed. [Thermal stability of heat resistant alloys] Termostoikost' zharoprochnykh splavov, sbornik statei. Moskva, Oborongiz, 1962. 168 p.

SKLIARSKII, A.M. [Centrifugal casting of machine parts of polyamides] TSentrobezhnoe lit'e detalei mashin iz poliamidov. Leningrad, 1962. 30 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia: Sinteticheskie materialy, no. 3)

SKOROV, V.A. [Ore dresser] Obogatitel' gorno-rudnoi promyshlennosti. Moskva, Gosgortekhizdat, 1961. 311 p.

SKVORTSOV, B.S. [Reading electric schematics of mine electric installations] Chtenie elektricheskikh skhem shakhtnykh elektroustanovok. Moskva, Gosgortekhizdat, 1962. 210 p.

SKVORTSOV, G.G., and L.I. ROMANOVSKAIA. [Geological engineering observations in constructing and exploiting open-pit mines; methodological instructions] Inzhenerno-geologicheskie nabliudenila pri stroitel'stve i ekspluatatsii kar'erov; metodicheskie ukazanlia. Moskva, Gosgeoltekhizdat, 1962. 58 p.

SLONIM, A.I. [Organization of the technical preparation of production in the instrument industry] Organizatsiia tekhnicheskoi podgotovki proizvodstva v priborostroenii. Izd.2., perer. i dop. Leningrad, Sudpromgiz, 1962. 177 p.

SMIRNOV, V.A. [Amplidynes] Elektromashinnye usiliteli. Moskva, Voenizdat, 1962. 72 p. (Za voenno-tekhnicheskie znanlia)
[MICROFILM]

SMIRNOV, V.K. [Boring lathe operator] Tokar'-rastochnik. Moskva, Profizdat, 1962. 362 p.

SOIUZKHIMEKSPORT, VSESOIUZNOE OB"EDINENIE. Izotopy. Isotopes. Moskva, [n.d.] 160 p. [Parallel texts in Russian and English]
[MICROFILM]

SONIN, S.D., and B.M. VOROB'EV. [Technological flow charts of rock disposal in mines] Tekhnologicheskie skhemy razmeshchenlia porody v shakhte. Moskva, Gosgortekhizdat, 1961. 161 p.

SOVESHCHANIE PO METODAM ISPYTANIIA NA IZNASHIVANIE, Moscow, 1960. [Transactions of the Conference on the Methodology of Wear Tests] Trudy. Moskva, Izd-vo Akad. nauk SSSR, 1962. 237 p.

SOVESHCHANIE PO PROBLEME "DEISTVIE IADERNYKH IZLUCHENII NA MATERIALY," Moscow, 1960. [Effect of nuclear radiation on materials; (reports)] Deistvie iadernykh izluchenii na materialy; (doklady) Moskva, Izd-vo Akad. nauk SSSR, 1962. 383 p.

SOVESHCHANIE SIBIRSKOI TEMATICHESKOI KOMISSII PO ISTORII UGLENAKOPLENIIA. 1st, Novosibirsk, 1959. [Papers of the First Conference of the Siberian Special Commission on the History of Coal Accumulation] Materialy. Novosibirsk, Izd-vo Sibirskogo otd-niia AN SSSR.
No. 1. 1961. 115 p.
[MICROFILM]

SPIVAKOVSKII, A. O., M. G. POTAPOV, and A. V. ANDREEV. [Transportation in open-pit mines] Transport na otkrytykh razrabotkakh. Moskva, Gosgortekhizdat, 1962. 302 p.

STEKLOV, M. I. [Amateur UHF radio equipment for radio clubs of vocational technical schools] Samodel'naia UKV radioapparatura; v pomoshch' radiokruzhkam professional'no-tekhnicheskikh uchilishch. Moskva, TSentr. dom kul'tury uchashchikhsia professional'no-tekhn. uchebnykh zavedenii, 1960. 31 p.
[MICROFILM]

STROKOV, V. P. [Long life to technology] Tekhnike - dolguiu zhizn'. [Moskva] Mosk. rabochii, 1962. 28 p. (Ikh opyt dostupen vsem)

SYCHEV, M. M. [Technical properties of raw cement mixes] Tekhnologicheskie svoistva syr'evykh tsementnykh shikht. Leningrad, Gosstroiizdat, 1962. 135 p.

[THE TE10 DIESEL FREIGHT LOCOMOTIVE] Gruzovoi teplovoz TE10. Moskva, Transzheldorizdat, 1962. 171 p.

TARABAEV, S. I. [Hydrochloric acid method in the metallurgy of lead and zinc] Solianokislotnyi metod v metallurgii svintsa i tsinka. Alma-Ata, Izd-vo Akad. nauk Kazakhskoi SSR, 1962. 194 p.

TARASHCHANSKII, M. M. [Synchronous-reactive frequency converters] Sinkhronno-reaktivnye preobrazovateli chastoty. Kiev, Gostekhizdat, USSR, 1962. 178 p.

[TECHNOLOGY OF DIESEL LOCOMOTIVE CONSTRUCTION] Tekhnologiia teplovozostroeniia. [By] P. V. Kozineta i dr. Moskva, Mashgiz, 1962. 375 p.

TERLO, G. IA. [Parkerizing primers and their use in industry] Fosfatiruiushchie grunty i ikh primenenie v promyshlennosti. Leningrad, 1962. 32 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia Zashchitnye pokrytiia, no. 4)

[THEORETICAL PRINCIPLES OF ELECTRICAL TRANSMISSION OF IMAGES; television and phototelegraphy] Teoreticheskie osnovy elektricheskoi peredachi izobrazhenii; televidenie i fototelegrafiia. [By] E. L. Orlovskii i dr. Pod obshchei red. A. V. Tarantsova. Moskva, Sovetskoe radio.
Vols. 1-2. 1962.

TIMOFEEV, N. S., and V. O. BELORUSSOV. [Drilling vertical wells under geological conditions facilitating well curvature] Burenie vertikal'nykh skvazhin v geologicheskikh usloviiakh, sposobstvuiushchikh iskrivleniiu skvazhin. Moskva, Gostoptekhizdat, 1962. 124 p.

TITOV, A. V. [Overall mechanization in oil extraction plants] Kompleksnaia mekhanizatsiia na maslodobyvaiushchikh zavodakh. Moskva, Pishcheprom-izdat, 1962. 175 p.

TSARENKO, A. P. [A train takes off] Poezd otpravliaetsia v put'. Moskva, Transzheldorizdat, 1962. 141 p.

TSELIKOV, A. I. [Theory of force calculations in rolling mills] Teoriia raschetа usilii v prokatnykh stanakh. Moskva, Metallurgizdat, 1962. 404 p.

TSESEVYCH, V. P., and IA. IU. KORPUN. [I. A. Tymchenko, mechanical engineer and inventor] Mekhanik-vynakhidnyk I. A. Tymchenko. Kyiv, Derzhtekhvydav, 1961. 60 p.
(MH)

TSIURIK, V. F., and A. A. SHAKHALIN. [Preservation of raw leather and garment sheepskins] Konservirovanie kozhevennogo syr'ia i shubno-mekhovoi ovchiny. Moskva, Izd-vo TSentrosoiuza, 1961. 65 p. (Biblioteka zagotovitelia zhivotnovodcheskikh produktov i syr'ia)

TUMAS, E. V., N. L. FILIMONOVA, and E. I. SHTIL'MAN. [Use of wire-reinforced concrete in bridge construction] Primenenie strunobetona v mostostroenii. Moskva, Avtotransizdat, 1962. 134 p.

UKHIN, P. N. [Safety measures in motion-picture enterprises] Tekhnika bezopasnosti na kinopredpriiatiiakh. Moskva, Izd-vo "Iskusstvo," 1962. 317 p.

UKRAINS'KE TOVARYSTVO DRUZHBY I KUL'TURNOHO ZV'IAZKU Z ZARUBIZHNYMY KRAINAMY. [Soviet austronauts Adrian Nikolaev and Pavel Popovich] Sovetskie kosmonavty Andrian Nikolaev i Pavel Popovich. Kiev, 1962. 5 p. 46 photographs. [Parallel texts in Russian, Ukrainian, and German]

ULANOV, R. N. [Selection and use of various self-propelled chassis] Vybor i ispol'zovanie razlichnykh samokhodnykh shassi. Leningrad, 1962. 20 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia. Stroitel'naia promyshlennost', no. 9)

URAL'SKOE SOVESHCHANIE PO SPEKTROSKOPII, 3d, Sverdlovsk, 1960. [Materials of the Third Ural Conference on Spectroscopy] Materialy. Pod red. G. P. Skoniakova, A. B. Shaevicha, S. G. Bogomolova. Sverdlovsk, Metallurgizdat, 1962. 197 p.

VARKHOTOV, T. L. [Composite-monolithic and precast honeycombed dams] Sborno-monolitnye i sbornye iacheistye plotiny. Moskva, Gosstroiizdat, 1962. 342 p.

VASIL'EV, IU. M., and O. S. OBRIADCHIKOV. [Outlook for finding oil and gas in the Pliocene sediments of the Caspian Lowland] Perspektivy gazoneftenosnosti pliotsenovykh otlozhenii Prikaspiiskoi vpadiny. Pod red. M. M. Charygina. Moskva, Gostoptekhizdat, 1962. 179 p.

VASIL'EV, V. V. [Stress concentration in angle elements and parts having a stepped shape] Kontsentratsiia napriazhenii v uglovykh elementakh i detaliakh stupenchatoi formy. Moskva, Mashgiz, 1962. 72 p.

VAS'KOVSKII, A. N. [Handbook on sanitary engineering equipment for the surface of mines] Spravochnik po sanitarno-tekhnicheskomu oborudovaniiu poverkhnosti shakht. Moskva, Gosgortekhizdat, 1962. 207 p.

VASSERMAN, I. M. [Production of mineral salts] Proizvodstvo mineral'nykh solei. 2. izd., perer. i dop. Leningrad, Goskhimizdat, 1962. 436 p.

VEL'IASHEV, L. N., and S. M. KRAVCHENKO. [Repair of portable typewriters] Remont portativnykh pishushchikh mashin. [n. p.] Gosmestpromizdat, 1962. 139 p.

VERESKUNOV, V. K. [Fire prevention measures for drivers] Shoferu o pozharnoi bezopasnosti. Moskva, Avtotransizdat, 1962. 65 p. (Tekhnika bezopasnosti na avtotransporte)

VILESOV, D. V., and I. A. RIABININ. [Self-exciting synchronous generators on ships] Sudovye samovozbuzhdaiushchiesia sinkhronnye generatory. Moskva, Voenizdat, 1962. 179 p. (Ofitseru VMF)

VOLKOV, A. G. [Planning organizational and technical measures in construction] Planirovanie organizatsionno-tekhnicheskikh meropriiatii v stroitel'stve. Leningrad, Gosstroiizdat, 1962. 93 p.

VOLKOV, L. P. [Using motion pictures in studying the fundamentals of technical mechanics] Primenenie kinofil'mov pri izuchenii osnov tekhnicheskoi mekhaniki. Moskva, Profizdat, 1962. 37 p. (Obmen opytom raboty)

VOLKOV, M. A. [Course in theoretical mechanics] Kurs teoreticheskoi mekhaniki. [Leningrad] Izd-vo Leningr. univ., 1962. 391 p.

VOLOBRINSKII, S. D., M. V. KUDRIAVTSEV, and V. N. STEPANOV. [Electrical networks and power systems] Elektricheskie seti i energosistemy. Moskva, Transzheldorizdat, 1962. 313 p.

VORONTSOV, I. I. [Manufacture of organic dyes] Proizvodstvo organicheskikh krasitelei. Moskva, Goskhimizdat, 1962. 544 p.

VOSHCHANOV, K. P. [Stories about welding] Rasskazy o svarke. Moskva, Mashgiz, 143 p.

VOSTOKOV, A. I., and I. P. LEPESHKIN. [Tables for determining the results of the polarimetric analysis of sugar products] Tablitsy dlia opredeleniia rezul'tatov polarimetricheskogo analiza sakharnykh produktov. Izd. 3., ispr. i dop. Moskva, Pishcheprom-izdat, 1962. 303 p.

VSESOIUZNAIA KONFERENTSIIA PO PRIMENENIIU SVARKI V STROITEL'NYKH KONSTRUKTSIIAKH, 1961. [Use of welding for structural elements] Primenenie svarki v stroitel'nykh konstruktsiiakh; [sbornik materialov]. Moskva, Gosstroiizdat, 1962. 415 p.
[MICROFILM]

VSESOIUZNYI INSTITUT PO PROEKTIROVANIIU ORGANIZATSII ENERGETICHESKOGO STROITEL'STVA "ORGENERGOSTROI." Moskovskii filial. [Album of sketches of stock equipment for the erection of structural elements] Al'bom chertezhei inventarnykh prisposoblenii dlia vozvedeniia stroitel'nykh konstruktsii. Moskva.
Pt. 1. [Cradles, stagings, ladders, guardrails. Approved by a resolution of the technical administration No. 163 of Dec. 30, 1959] Liul'ki, ploshchadki, lestnitsy, ograzhdeniia. Utverzhden resheniem tekhnicheskogo upravleniia No. 163 ot 30 dekabria 1959 g. 1962. 141 p.

VZOROV, V. I. [Guide to fish and fishery products] Tovarovedenie ryby i rybnykh tovarov. Moskva, Gostorgizdat, 1962. 301 p.

WHITE RUSSIA. Ministerstvo stroitel'stva. [Efficiency suggestions from construction workers of White Russia] Ratsionalizatorskie predlozheniia stroitelei Belorussii. Minsk, Gos. izd-vo BSSR, 1961. 151 p.

ZAIMOVSKII, A. S., V. V. KALASHNIKOV, and I. S. GOLOVNIN. [Fuel elements of atomic reactors] Teplovydeliaiushchie elementy atomnykh reaktorov. Moskva, Gosatomizdat, 1962. 309 p.
[MICROFILM]

ZAITSEV, V. P. [Refrigeration engineering] Kholodil'naia tekhnika. [Leningrad] Gos. izd-vo torg. lit-ry, 1962. 343 p.

ZAKHAROV, V. I., ed. [Manual on the state and development of public-eating establishments in the R. S. F. S. R.] Spravochnik o sostoianii i razvitii obshchestvennogo pitaniia v RSFSR. [By] B. I. Aizenshtein i dr. Moskva, Gostorgizdat, 1960. 99 p.
(MH)

ZALENSKII, V. S., and A. I. IVANOV. [Construction machinery and equipment] Stroitel'nye mashiny i oborudovanie. Moskva, Gosstroiizdat, 1962. 201 p.

ZASUKHINA, L. Z. [Protective enamel coatings] Zashchitnye emalevye pokrytiia. Leningrad, 1962. 20 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia: Zashchitnye pokrytiia, no. 1)

ZEDGINIDZE, G. P. [Measuring the temperature of rotating machine parts] Izmerenie temperatury vrashchaiushchikhsia detalei mashin. Moskva, Mashgiz, 1962. 270 p.

ZELIKSON, N. M., and M. G. SHPEER. [Heat insulation of the piping of heat distribution networks] Teplovaia izoliatsiia truboprovodov teplovykh setei. Moskva, Gosenergoizdat, 1962. 127 p.

ZHDANOV, A. I. [Economic efficiency of advanced methods of metalworking; methods of calculation] Ekonomicheskaia effektivnost' progressivnykh metodov metalloobrabotki; metodika rascheta. Moskva, Ekonomizdat, 1962. 133 p.

ZHIDELEV, M. A., and B. P. NIKITIN. [Mechanical engineering manual, a textbook for grade 8] Rukovodstvo po mashinovedeniiu; posobie dlia uchashchikhsia VIII klassa. Izd. 3. Moskva, Gos. uchebno-pedagog. izd-vo, 1959-
(TNJ)

ZIMIN, A. A. [Hydraulic calculations for petroleum products pipelines and pumping stations; a reference manual] Gidravlicheskie raschety nefteproduktoprovodov i nasosnykh stantsii, spravochnik. Moskva, Gostoptekhizdat, 1962. 108 p.

ZONNENBERG, S. M. [Small multipurpose machine tools] Malye agregatnye stanki. Moskva, Mashgiz, 1962. 291 p.

ZUBAREV, A. A. [Adjustment of the ZIL-130 motor-truck] Regulirovka avtomobilia ZIL-130. Moskva, Avtotransizdat, 1962. 87 p.

17. MILITARY & NAVAL SCIENCES

AKSIUTIN, L. R. [Accidents to seagoing ships from loss of stability] Avarii morskikh sudov ot poteri ostoichivosti. Moskva, Morskoi transport, 1962. 62 p.

ASTASHENKOV, P.T , comp. [Military engineer is an energetic teacher] Voennyi inzhener - aktivnyi vospitatel', sbornik statei i ocherkov Moskva, Voenizdat, 1962. 126 p

BELOSSELSKY-BELOZERSKY, S.S. Istoriia L. Gv. Konnago polka, illiustratsii. [History of the Russian Horse Guards, illustrations. [New York, Prince Beloselsky-Belozersky, 1961] 39 p. 180 p. of illus. (NN)

CHUIKOV, V.I. [One-hundred and eighty days in combat; from the notes of the commander of the 62d Army] 180 dnei v ognе srazhenii, iz zapisok komandarma 62-i. [Moskva, DOSAAF, 1962] 166 p. (CSt-H)

DENISOV, I.I. [Preparing artillery pieces for firing] Podgotovka artilleriiskogo orudiia k strel'be. Moskva, Voenizdat, 1962. 50 p. Za voenno-tekhnicheskie znaniia)

FEDOROV, A.F. [October reveilles] Oktiabr'skie zori. Moskva, Voenizdat, 1962 262 p. (Voennye memuary)

FESENKO, P.V. [Firing antiaircraft artillery at aerial targets] Strel'ba zenitnoi artilleriі po vozdushnym tseliam. Moskva, Voenizdat, 1962 70 p. (Za voenno-tekhnicheskie znaniia)

GRECHKO, A.A. [Great mission] Vysokoe prizvanie. Moskva, Voenizdat, 1962. 98 p

HOTH, HERMANN [Tank operations Translated from the German] Tankovye operatsii. Moskva, Voen. izd-vo, 1961. 206 p (NNC)

IVANOV, A.V. [Behind the wheel of a motor vehicle] Za rulem avtomobilia. Moskva, Voenizdat, 1962. 60 p. (Otlichniki ucheby o svoem opyte)

KAMSIUK, S.A , comp. [Prompted by life; new ways of training fighting men] Podskazannoe zhizn'iu, o novykh formakh vospitaniia voinov. Moskva, Voenizdat, 1962. 102 p.

KARTASHOV, N.V. [Nonguided rocket weapons] Neupravliaemoe raketnoe oruzhie. Moskva, Voenizdat, 1962. 78 p. (Raketnaia tekhnika)

KIRIN, I. [Victory goes to the courageous and capable soldier] Pobeda daetsia smelomu i umelomu. Moskva, Voenizdat, 1962. 62 p. (Biblioteka soldata i matrosa)

MAL'TSEV, B.A. [Use in navigation of lines of position taken at different times] Ispol'zovanie raznovremennykh linii polozheniia v sudovozhdenii. Moskva, Morskoi transport, 1962. 138 p.

MELESHKIN, G.A. [Marine synchronous generators with automatic voltage regulators] Sudovye sinkhronnye generatory s avtomaticheskim regulirovaniem napriazhenila. Leningrad, Sudpromgiz, 1962. 275 p.

MORIN, A.I. [Aid for the demolition man] V pomoshch' podryvniku. Pod red B.A.Epova. Moskva, Voenizdat, 1962 54 p.

PAPKOVICH, P.F [Works on the structural mechanics of a ship, in four volumes] Trudy po stroitel'noi mekhanike korablia v 4 tomakh Pod obshchei red V.V.Eklinova Leningrad, Sudpromgiz
Vol.3 [Compound flexure of rods and the flexure of plates] Slozhnyi izgib sterzhnei i izgib plastin 1962 526 p.

PERMINOV, S.I. [Military reconnaissance scouts] Voiskovye razvedchiki Moskva, Voenizdat, 1962 59 p. (Biblioteka serzhanta)

PLESTSOV, K.M. [People who have performed great feats; communications men, heroes of the Soviet Union] Liudi vysokogo podviga, sviazisty - geroi Sovetskogo Soiuza. Moskva, Voenizdat, 1962. 254 p.

POPOV, K., ed. [Elivan Guards in the Great War, materials for the history of the regiment edited by the historical committee of the regiment] Leib-Erivantsy v Velikoi voine; materialy dlia istorii polka v obrabotke polkovoi istoricheskoi komissii. Paris, 1950. 243 p. illus. maps, facsims. (NN)

POPTSVIATKOV, GENCHO. General Vladimir Zaimov. Moskva, Voen. izd-vo, 1961. 218 p. illus. (MH)

RODIONOV, A.I., ed. [Antisubmarine defense in modern warfare; collection of translated articles] Preface by V.V. Beliaev, and V.N. Berezovskii. Protivolodochnaia oborona v sovremennoi voine; sbornik perevodnykh statei. Moskva, Voenizdat, 316 p.

RUSSIA (1923- U.S.S.R.) Glavnoe politicheskoe upravlenie Sovetskoi Armii i Voenno-Morskogo Flota. [Noncommissioned officers, direct supervisors and educators of soldiers and sailors, textbook on political studies for noncommissioned officers] Serzhanty i starshiny, neposredstvennye nachal'niki i vospitateli soldat i matrosov; uchebnoe posobie po politicheskim zaniatiiam dlia serzhantov i starshin. Moskva, Voen. izd-vo, 1960. 221 p. (NNC)

RUSSIA (1923- U.S.S.R.) Ministerstvo oborony. [Drill manual of the Armed Forces of the U.S.S.R.] Stroevoi ustav Vooruzhennykh sil Soiuza SSR. Moskva, Voen. izd-vo, 1961. 176 p. [MICROFILM]

RUSSIA (1923- U.S.S.R.) Ministerstvo oborony. [Drill manual of the Armed Forces of the U.S.S.R.] Stroevoi ustav Vooruzhennykh sil Soiuza SSR. Moskva, Voen. izd-vo, 1962. 176 p. [MICROFILM]

RUSSIA (1923- U.S.S.R.) Ministerstvo oborony. [Rifle manual, Simonov (SKS) 7.62 mm self-loading carbine] Nastavlenie po strelkovomu delu; 7,62-mm samozariadnyi karabin Simonova (SKS). Izd. 2., ispr. i dop. Moskva, Voenizdat, 1962. 136 p.

SAMOILO, A.A., and M.I.SBOICHAKOV. [Instructive lesson, combat operations of the Red Army against the interventionists and White Guards in northern Russia between 1918 and 1920] Pouchitel'nyi urok; boevye deistviia Krasnoi Armii protiv interventov i belogvardeitsev na Severe Rossii v 1918-1920 gg. Moskva, Voenizdat, 1962. 190 p.

SELISHCHEV, I.P. [Family of an officer] Semeinaia ofitsera. Moskva, Voenizdat, 1962. 118 p.

SELIVOKHIN, V.M [The tank] Tank Izd.2 , perer i dop Moskva, Voenizdat, 1962. 182 p. (Za voenno-tekhnicheskie znaniia)

SHCHEDRIN, G.I. [We of the submarine fleet; stories of a submariner] My s podplava, rasskazy podvodnika. [Moskva, Voen. izd-vo M-va oborony SSSR] 1962. 47 p. (Bibliotechka zhurnala "Sovetskii voin," no. 15(442)]

SHMELEV, N.A [In the beams of searchlights] V luchakh prozhektorov. Moskva, Voenizdat, 1962 134 p

STRAKHOV, A.P. [Principles of the theory and structure of ships for inland navigation] Osnovy teorii i ustroistva sudov vnutrennego plavaniia. Izd. 2., ispr i dop. Moskva, Izd-vo "Rechnoi transport," 1962. 224 p.

SURIKOV, B.T. [Aircraft rockets] Samoletnye rakety Moskva, Voenizdat, 1962 69 p. (Raketnaia tekhnika)

SYCHEVA, T.A. [At the call of the heart] Po zovu serdtsa. Izd. perer , dop. Simferopol', Krymizdat, 1961. 428 p. (MH)

TIUSHKEVICH, S.A. [Necessity and chance in war] Neobkhodimost' i sluchainost' v voine. Moskva, Voenizdat, 1962. 134 p.

TRAVINSKII, V.M. [The true story of General Foertsch] "Nastoiashchee delo" generala Ferkha. Moskva, Gospolitizdat, 1962. 22 p.

VODOLAZOV, A.D. [It will be well done, sir!] Est' pervyi klass! Moskva, Voenizat, 1962. 30p. (Otlichniki ucheby o svoem opyte)

ZAKHAROV, A.M., and V.S.MARKOV. [Steam-power plants on river-going vessels and an increase in the efficiency of their operation] Parosilovye ustanovki rechnykh sudov i povyshenie effektivnosti ikh raboty. Moskva, Izd-vo "Rechnoi transport," 1961. 207 p.

ZBROZHEK, V.V. [Automatic control of ship systems] Avtomatika sudovykh sistem Leningrad, Sudpromgiz, 1962. 145 p. [MICROFILM]

ZHAROV, V.F., and V.I IVANOV, comps. [Missiles and antimissile defense; translated articles] Rakety i protivoraketnaia oborona; sbornik perevodnykh statei. Predisl. i red. A.Kil, Monza. Moskva, Voenizdat, 1962. 225 p.

PART B—PERIODICALS

An asterisk (*) appearing before a periodical title indicates that it is available in full English translation. For publishers of such translated periodicals, their subscription prices, etc., see listing at end of this issue.

1. GENERAL

a. SCHOLARLY JOURNALS

AKADEMIIA NAUK AZERBAIDZHANSKOI SSR, Baku. Izvestiia. Seriia obshchestvennykh nauk [ACADEMY OF SCIENCES OF THE AZERBAIJAN S. S. R. Bulletin. Series in the Social Sciences]. Baku, no. 3, 1962.

AKADEMIIA NAUK GRUZINSKOI SSR, Tiflis. Soobshcheniia [ACADEMY OF SCIENCES OF THE GEORGIAN S. S. R. Reports]. Tiflis, vol. 29, no. 2, 1962. [In Georgian]

AKADEMIIA NAUK KIRGIZSKOI SSR, Frunze. Izvestiia. Seriia estestvennykh i tekhnicheskikh nauk [ACADEMY OF SCIENCES OF THE KIRGHIZ S. S. R. Bulletin. Series in the Natural and Technological Sciences]. Frunze, vol. 4, no. 1, 1962.

AKADEMIIA NAUK SSSR. Vestnik [ACADEMY OF SCIENCES OF THE U. S. S. R. Journal]. Moscow, vol. 32, no. 10, Oct. 1962.

AKADEMIIA NAUK SSSR. Vostochno-Sibirskii filial, Irkutsk. Trudy [ACADEMY OF SCIENCES OF THE U. S. S. R. East Siberian Branch. Transactions]. Moscow, no. 41, 1962.

AKADEMIIA NAUK TADZHIKSKOI SSR, Dushanbe. Trudy [ACADEMY OF SCIENCES OF THE TAJIK S. S. R. Transactions]. Dushanbe, vol. 100, 1961. Sbornik statei Tadzhikskogo respublikanskogo matematicheskogo obshchestva [Papers of the Tajik Republic Mathematical Society], vol. 1.

LENINGRAD. UNIVERSITET. Uchenye zapiski [UNIVERSITY. Studies]. No. 303, 1962. Seriia fizicheskikh i geologicheskikh nauk [Series in the Physical and Geological Sciences], no. 13.

LENINGRAD. UNIVERSITET. Vestnik [UNIVERSITY. Review].
Vol. 17, no. 18, 1962. Seriia geologii i geografii [Series in Geology and Geography], no. 3.
Vol. 17, no. 19, 1962. Seriia matematiki, mekhaniki i astronomii [Series in Mathematics, Mechanics, and Astronomy], no. 4.

LYSTY DO PRYIATELIV. LETTERS TO FRIENDS. Newark, N. J., vol. 10, no. 9/10(115/116), 1962.

RYAZAN. GOSUDARSTVENNYI PEDAGOGICHESKII INSTITUT. Uchenye zapiski [STATE PEDAGOGICAL INSTITUTE. Studies]. Vol. 26, 1961.

ULAN-UDE. BURIATSKII KOMPLEKSNYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT. Trudy [BURYAT SCIENTIFIC RESEARCH INSTITUTE. Transactions]. No. 6, 1961.

VORONEZH. GOSUDARSTVENNYI PEDAGOGICHESKII INSTITUT. Izvestiia [STATE PEDAGOGICAL INSTITUTE. Bulletin]. Vol. 36, 1961.

b. POPULAR MAGAZINES

AMERIKA, Illustrirovannyi zhurnal [AMERICA ILLUSTRATED]. Published by the United States Information Agency. Washington, D. C., no. 74, 1962.

AZIIA I AFRIKA SEGODNIA [ASIA AND AFRICA TODAY]. Issued by Institut narodov Azii and Institut Afriki Akademii nauk SSSR [Institute of the Peoples of Asia and the Institute of Africa of the Academy of Sciences of the U. S. S. R.]. Moscow, no. 10, Oct. 1962.

BARVINOK [PERIWINKLE]. Issued by TSentral'nyi komitet Leninskoho komunistychnoho soiuzu molodi Ukrainy and Respublikans'ka rada Vsesoiuznoi pioners'koi organizatsii imeni V. I. Lenina [Central Committee of the Ukrainian Communist Youth of Lenin and the Republic Council of the All-Union Lenin Pioneers]. Kiev, no. 12, Dec. 1962.

BELARUS' [WHITE RUSSIA]. Minsk, vol. 19, no. 10(219), Oct. 1962.

BERNIBA [CHILDHOOD]. Issued by Latvijas Lenina komunistiskas jaunatnes savienibas Centrala komiteja and Lenina pionieru organizacijas Latvijas republikas padome [Central Committee of the Lenin Communist Youth League of Latvia and the Republic Council of the Lenin Pioneers of Latvia]. Riga, no. 10, Oct. 1962. [In Latvian]

BIAROZKA [THE LITTLE BIRCH]. Issued by TSentral'ny kamitet Leninskaha Komunistychnaha saiuza moladzi Belarusi and Respublikanski Savet piliuneriskai arganizatsyi imia V. I. Lenina [Central Committee of the White Russian Communist Youth League of Lenin and the Republic Council of Lenin Pioneers]. Minsk, vol. 38, no. 11, Nov. 1962.

DADZIS [THISTLE]. Riga, nos. 20(140)-21(141), 1962. [In Latvian]

KAPKÁN, chuvashskii satiricheskii zhurnal [TRAP, Chuvash Satirical Magazine]. Cheboksary, vol. 22, nos. 20(413)-21(414), Oct.-Nov. 1962. [In Chuvash]

KHORPUSHTAK [HEDGEHOG]. Dushanbe, no. 11 (114), Nov. 1962. [In Tajik]

KIRPI [HEDGEHOG]. Baku, no. 20, Nov. 1962. [In Azerbaijani]

KITAI [CHINA]. Published by Izdatel'stvo literatury na inostrannykh iazykakh [Publishing House for Literature in Foreign Languages]. Peiping, no. 11, 1962.

KROKODIL [CROCODILE]. Issued by gazeta [Newspaper] "Pravda," Moscow, vol. 41, nos. 30(1660)-31(1661), 33(1663), Oct.-Nov. 1962.

KULTUUR JA ELU [CULTURE AND LIFE]. Issued by Eesti NSV Kultuuriministeerium and Eesti NSV Ametiühingute Noukogu [Ministry of Culture of the Estonian S. S. R. and the Council of Trade Unions of the Estonian S. S. R.]. Tallinn, vol. 5, no. 11, Nov. 1962. [In Estonian]

KYIV [KIEV]. Published by Bohdan Romanenchuk. Philadelphia, vol. 13, no. 4, July-Aug. 1962.

LIESMA [FLAME]. Issued by Latvijas LKJS Centrala komiteja [Central Committee of the Lenin Communist Youth League of Latvia]. Riga, no. 11, Nov. 1962. [In Latvian]

MĚDENIET ZHĚNE TŮRMYS [CULTURE AND LIFE]. Issued by Ministerstvo kul'tury Kazakhskoi SSR [Ministry of Culture of the Kazakh S. S. R.]. Alma-Ata, no. 10, Oct. 1962. [In Kazakh]

MOKSLEIVIS [THE STUDENT]. Issued by Lietuvos Lenino komjaunimo sajungos Centro komitetas and LTSR svietimo ministerija [Central Committee of the Lenin Communist Youth League of Lithuania and the Ministry of Education of the Lithuanian S. S. R.]. Vilnius, no. 11(59), 1962. [In Lithuanian]

MURZILKA [TINY TOT]. Issued by TSentral'nyi komitet Vsesoiuznogo Leninskogo kommunisticheskogo soiuza molodezhi and TSentral'nyi sovet Vsesoiuznoi pionerskoi organizatsii imeni V. I. Lenina [Central Committee of the All-Union Communist Youth League of Lenin and the Central Council of the V. I. Lenin All-Union Pioneer Organization]. Moscow, no. 11, Nov. 1962.

MUSHTUM [PUNCH]. Tashkent, vol. 40, nos. 20(638)-21(639), Oct.-Nov. 1962. [In Uzbek]

NARODNAIA RUMYNIIA [PEOPLE'S RUMANIA]. Bucharest, no. 11, Nov. 1962.

NOORUS [YOUTH]. Issued by Eestimaa Leniniliku Kommunistliku Noorsooühingu Keskkomitee [Central Committee of the Lenin Communist Youth League of Estonia]. Tallinn, no. 10(192), Oct. 1962. [In Estonian]

NOVAIA KOREIA [NEW KOREA]. Published by Izdatel'stvo literatury na inostrannykh iazykakh [Foreign-Language Publishing House]. Pyongyang, no. 10(175), 1962.

NOVOSTI KOREI [NEWS OF KOREA]. Issued by TSentral'noe telegrafnoe agentstvo Korei [Central Telegraph Agency of Korea]. Pyongyang, vol. 5, nos. 25-27, Sep.-Oct. 1962.

OGONEK [THE LITTLE LIGHT]. Moscow, vol. 40, nos. 22(1823)-23(1824), 25(1826), 41(1842)-44(1845), May-June, Oct. 1962.

OVYD. HORIZON. Published by Mykola Denysiuk Publishing Co. Chicago, vol. 13, no. 3(122), July-Aug.-Sep. 1962.

PERETS' [PEPPER]. Issued by Vydavnytstvo [Publishing House] "Radians'ka Ukraina," Kiev, vol. 22, nos. 21(488)-23(490), Nov.-Dec. 1962.

PIONEER [PIONEER]. Issued by ELKNU Keskkomitee and Eesti NSV Pioneeriorganisatsioont Noukogu [Central Committee of the Lenin Communist Youth League of Estonia and the Council of the Pioneers of the Estonian S. S. R.]. Tallinn, vol. 20, no. 11(241), Nov. 1962. [In Estonian]

PIONER [PIONEER]. Issued by the Central Committee of the Turkmenistan Communist Youth League of Lenin. Ashkhabad, no. 10, Oct. 1962. [In Turkmen]

PIONER [PIONEER]. Issued by TSentral'nyi komitet Vsesoiuznogo leninskogo kommunisticheskogo soiuza molodezhi and TSentral'nyi sovet Vsesoiuznoi pionerskoi organizatsii imeni V. I. Lenina [Central Committee of the All-Union Communist Youth League of Lenin and the Central Council of the All-Union Lenin Pioneers]. Moscow, vol. 39, no. 11, Nov. 1962.

POL'SHA [POLAND]. Warsaw, no. 11(99), 1962.

RABOCHE-KREST'IANSKII KORRESPONDENT [WORKERS' AND PEASANTS' CORRESPONDENT]. Published by Izd-vo [Publishing House] "Pravda," Moscow, no. 11, Nov. 1962.

RODINA [OUR COUNTRY]. Issued by Komitet za vozvrashchenie na Rodinu i razvitie kul'turnykh sviazei s sootechestvennikami [Committee for Repatriation and Development of Cultural Relations with our Countrymen]. Berlin, vol. 4, no. 5(21), Sep.-Oct. 1962.

RODNYE DALI [BELOVED VISTAS]. Hollywood, Calif., vol. 9, no. 102, Sep. 1962.

SEL'SKAIA MOLODEZH' [RURAL YOUTH]. Issued by TsK VLKSM [Central Committee of the All-Union Communist Youth League of Lenin]. Moscow, vol. 29, no. 10, Oct. 1962.

SHMEL' [BUMBLEBEE]. Alma-Ata, vol. 7, no. 11(82), Nov. 1962. [In Kazakh]

SKYNTEIA LENINISTE [LENINIST SPARK]. Issued by Moldavian Communist Youth League of Lenin. Kishinev, vol. 32, nos. 10-11, Oct.-Nov. 1962. [In Moldavian]

SLUOTA [THE BROOM]. Issued by Lietuvos komunistu partijos Centro komitetas [Central Committee of the Communist Party of Lithuania]. Vilnius, nos. 20(195)-21(196), Nov. 1962. [In Lithuanian]

SOVETSKII SOIUZ [SOVIET UNION]. Moscow, no. 11(153), 1962.

SOVREMENNAIA MONGOLIIA [CONTEMPORARY MONGOLIA]. Ulan Bator, vol. 7, no. 6(53), June 1962.

TOČHIKISTON [TAJIKISTAN]. Dushanbe, vol. 7, no. 10, Oct. 1962. [In Tajik]

UKRAINA [THE UKRAINE]. Published by Vydavnytstvo "Radians'ka Ukraina" [Publishing House "Soviet Ukraine"]. Kiev, nos. 18(231), 21(234), Sep , Nov. 1962.

UKRAINS'KE TOVARYSTVO DRUZHBY I KUL'TURNOHO ZV'IAZKU Z ZARUBIZHNYMY KRAINAMY Po radians'kii Ukraini; fotokhronika [UKRAINIAN SOCIETY FOR FRIENDSHIP AND CULTURAL RELATIONS WITH FOREIGN COUNTRIES. Through Soviet Ukraine, photo report]. Kiev, no. 9, 1962.

URAL'SKII SLEDOPYT [URAL PATHFINDER]. Issued by Sverdlovskoe otdelenie Soiuza pisatelei and Sverdlovskii obkom VLKSM [Sverdlovsk Branch of the Association of Writers and the Sverdlovsk Province Committee of the All-Union Communist Youth League of Lenin]. Sverdlovsk, no. 10, Oct. 1962.

ÜZBEKISTON [UZBEKISTAN]. Tashkent, vol. 21, no. 9(249), Sep. 1962.

VOZHYK [HEDGEHOG]. Minsk, vol. 22, nos. 20(546)-21(547), Oct. -Nov. 1962.

VSESVIT. THE WORLD Issued by Spilka pys'mennykiv Ukrainy and Ukrains'ke tovarystvo druzhby i kul'turnoho zv'iazku z zarubizhnymy krainamy [Association of Writers of the Ukraine and the Ukrainian Society for Friendship and Cultural Relations with Foreign Countries]. Kiev, vol. 5, no. 11(53), Nov. 1962.

VYZVOL'NYI SHLIAKH [LIBERATION PATH]. London, vol. 9(15), no. 11/105(179), Nov. 1962.

ZHIZN' GLUKHIKH [LIFE OF THE DEAF]. Issued by Vserossiiskoe obshchestvo glukhikh [All-Russian Society of the Deaf]. Moscow, vol. 15, nos. 10-11, Oct. -Nov. 1962.

ZHIZN' SLEPYKH [LIFE OF THE BLIND]. Organ of TSentral'noe pravlenie Vserossiiskogo obshchestva slepykh [Central Administration of the All-Russian Society of the Blind]. Moscow, vol. 39, no. 11, Nov. 1962.

ZVAIGZNE [THE STAR]. Riga, vol. 13, nos. 19(293)-22 (296), Oct. -Nov. 1962. [In Latvian]

2. BIBLIOGRAPHY

a. BIBLIOGRAPHY

AKADEMIIA NAUK SSSR. Biblioteka. Novye inostrannye knigi, postupivshie v sistemu bibliteki [ACADEMY OF SCIENCES OF THE U. S. S. R. Library. New Foreign Books Received by the Library System]. Moscow, nos. 123-124, 1962.

KNIZHNAIA LETOPIS' [BOOK CHRONICLE]. Issued by Vsesoiuznaia knizhnaia palata [All-Union Book Chamber]. Moscow, nos. 44-45, 1962.

LENINGRAD. PUBLICHNAIA BIBLIOTEKA. Trudy [PUBLIC LIBRARY. Transactions]. Vol. 10(13), 1962.

LETOPIS' GAZETNYKH STATEI [CHRONICLE OF NEWSPAPER ARTICLES]. Issued by Vsesoiuznaia knizhnaia palata [All-Union Book Chamber]. Moscow, no. 10, 1962.

LETOPIS' ZHURNAL'NYKH STATEI [CHRONICLE OF PERIODICAL ARTICLES]. Published by Vsesoiuznaia knizhnaia palata [All-Union Book Chamber]. Moscow, nos. 42-45, 1962.

MIROVOI TSENTR DANNYKH MGG Bi. Bibliograficheskii ukazatel' [IGY WORLD DATA CENTER Bi. Bibliography]. Moscow, no. 5, pts. 2-5, 1961.

MOSCOW. PUBLICHNAIA BIBLIOTEKA. Informatsionnyi biulleten' novykh inostrannykh knig, postupivshikh v Biblioteku imeni V. I. Lenina. Seriia 1: Fiziko-matematicheskie, khimicheskie i geologo-geograficheskie nauki, tekhnika i tekhnicheskie nauki [PUBLIC LIBRARY. Information Bulletin of New Foreign Books, Received by the Lenin Library. Series 1 Physical, Mathematical, Chemical, Geological, and Geographical Sciences, Technology and Technological Sciences]. Vol. 7, nos. 30-31, Oct -Nov 1962.

MOSCOW. PUBLICHNAIA BIBLIOTEKA. Informatsionnyi biulleten' novykh inostrannykh knig, postupivshikh v Biblioteku imeni V. I. Lenina. Seriia 2 Biologicheskie, meditsinskie i sel'skokhoziaistvennye nauki [PUBLIC LIBRARY Information Bulletin of New Foreign Books, Received by the Lenin Library. Series 2: Biological, Medical, and Agricultural Sciences]. Nos. 30-31, Oct. -Nov. 1962.

MOSCOW. PUBLICHNAIA BIBLIOTEKA. Informatsionnyi biulleten' novykh inostrannykh knig, postupivshikh v Biblioteku imeni V. I. Lenina. Seriia 3: Obshchestvennye nauki, khudozhestvennaia literatura, [PUBLIC LIBRARY. Information Bulletin of New Foreign Books, Received by the Lenin Library. Series 3. Social Sciences, Belles-Lettres, Art]. No. 30, Oct. 1962.

NOVAIA LITERATURA O NAUKE I NAUCHNO-ISSLEDOVATEL'SKOI RABOTE ZA RUBEZHOM [NEW LITERATURE ON SCIENCE AND RESEARCH ABROAD]. Issued by Fundamental'naia biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U. S. S. R.]. Moscow, nos. 6-7, 1962.

NOVAIA LITERATURA PO BOLGARII [NEW LITERATURE ON BULGARIA]. Issued by Fundamental'naia biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U. S. S. R.]. Moscow, nos. 5/6-8, 1962.

NOVAIA LITERATURA PO CHEKHOSLOVAKII [NEW LITERATURE ON CZECHOSLOVAKIA]. Issued by Fundamental'naia biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U. S. S. R.]. Moscow, nos. 5-6, 1962.

NOVAIA LITERATURA PO POL'SHE [NEW LITERATURE ON POLAND]. Issued by Fundamental'naia biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U. S. S. R.]. Moscow, nos. 6/7-8, 1962.

NOVAIA SOVETSKAIA I INOSTRANNAIA LITERATURA PO STRANAM ZARUBEZHNOGO VOSTOKA [NEW SOVIET AND FOREIGN LITERATURE ON THE COUNTRIES OF THE NON-SOVIET EAST]. Issued by Fundamental'naia biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U. S. S. R.]. Moscow, nos. 6-7, 1962.

NOVAIA SOVETSKAIA LITERATURA O NAUKE I NAUCHNO-ISSLEDOVATEL'SKOI RABOTE V SSSR [NEW SOVIET LITERATURE ON SCIENCE AND GENERAL RESEARCH IN THE U. S. S. R.]. Issued by Fundamental'naia biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U. S. S. R.]. Moscow, nos. 6-8, 1962.

NOVYE KNIGI [NEW BOOKS]. Issued by Vsesoiuznaia knizhnaia palata [All-Union Book Chamber]. Moscow, nos. 46-48, Nov. 1962.

SOVETSKAIA BIBLIOGRAFIIA [SOVIET BIBLIOGRAPHY]. Issued by Vsesoiuznaia knizhnaia palata [All-Union Book Chamber]. Moscow, no. 4, 1962.

SVODNYI BIULLETEN' NOVYKH INOSTRANNYKH KNIG, POSTUPIVSHIKH V BIBLIOTEKI SSSR. Seriia B: Obshchestvennye nauki [UNION LIST OF NEW FOREIGN BOOKS RECEIVED BY THE LIBRARIES OF THE U. S. S. R. Series B: Social Sciences]. Moscow, no. 2(62), 1962.

b. LIBRARIES & LIBRARY SCIENCE

BIBLIOTEKOVEDENIE I BIBLIOGRAFIIA ZA RUBEZHOM [LIBRARY SCIENCE AND BIBLIOGRAPHY ABROAD]. Issued by Gosudarstvennaia biblioteka SSSR imeni V. I. Lenina [Lenin State Library of the U. S. S. R.]. Moscow, no. 9, 1962.

LENINGRAD. GOSUDARSTVENNYI BIBLIOTECHNYI INSTITUT. Trudy [STATE LIBRARY INSTITUTE. Transactions]. Vol. 8, 1961.

c. PRINTING & THE BOOK TRADE

POLIGRAFICHESKOE PROIZVODSTVO [PRINTING INDUSTRY]. Organ of Ministerstvo kul'tury SSSR [Ministry of Culture of the U. S. S. R.]. Moscow, no. 10, Oct. 1962.

RASPROSTRANENIE PECHATI [DISTRIBUTION OF PUBLICATIONS]. Issued by Glavnoe upravlenie Soiuz pechati Ministerstva sviazi SSSR [Main Administration for the Distribution of Printed Matter of the Ministry of Communications of the U. S. S. R.]. Moscow, no. 10, Oct 1962.

REFERATIVNYI ZHURNAL. OTDEL'NYI VYPUSK 37: OBORUDOVANIE I TEKHNOLOGIIA POLIGRAFICHESKOGO PROIZVODSTVA [JOURNAL OF ABSTRACTS. SEPARATE ISSUE 37: EQUIPMENT AND TECHNOLOGY OF THE PRINTING INDUSTRY]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U. S. S. R.]. Moscow, nos. 21-22 N '62.

3. PHILOSOPHY & RELIGION

a. PHILOSOPHY

NOVAIA INOSTRANNAIA LITERATURA PO FILOSOFII [NEW FOREIGN LITERATURE ON PHILOSOPHY]. Issued by Fundamental'naia biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U. S. S. R.]. Moscow, nos. 5-7, 1962.

NOVAIA SOVETSKAIA LITERATURA PO FILOSOFII [NEW SOVIET LITERATURE ON PHILOSOPHY]. Issued by Fundamental'naia biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U. S. S. R.]. Moscow, nos. 7-8, 1962.

VOPROSY FILOSOFII [PROBLEMS OF PHILOSOPHY]. Issued by Institut filosofii Akademii nauk SSSR [Institute of Philosophy of the Academy of Sciences of the U. S. S. R.]. Moscow, vol. 16, no. 10, 1962.

b. RELIGION

BRATSKII VESTNIK [HERALD OF BROTHERHOOD]. Issued by Vsesoiuznyi sovet evangel'skikh khristian-baptistov [All-Union Council of Evangelical Christians and Baptists]. Moscow, no. 3, 1962.

NAUKA I RELIGIIA [SCIENCE AND RELIGION]. Issued by Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii [All-Union Society for the Dissemination of Political and Scientific Knowledge]. Moscow, vol. 4, nos. 5, 11, Nov., May 1962.

RUSSKO-AMERIKANSKII PRAVOSLAVNYI VESTNIK. THE RUSSIAN AMERICAN ORTHODOX MESSENGER. Organ of Mitropolichii okrug Russkoi Pravoslavnoi TSerkvi v Amerike [Metropolitanate of the Russian Orthodox Church in America]. New York, vol. 58, nos. 9-10, Sep. -Oct. 1962.

SVITLO. THE LIGHT. Issued by OO. Vasyliiany [The Basilian Fathers]. Toronto, vol. 25, no. 6(474), June 1962.

TSERKOVNYI VESTNIK [CHURCH HERALD]. Organ of Pravoslavnaia tserkov' v Pol'she [Orthodox Church in Poland]. Warsaw, vol. 9, no. 8, Aug. 1962.

VOIOVNYCHI ATEIST [MILITANT ATHEIST]. Issued by Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR [Society for Dissemination of Political and Scientific Knowledge of the Ukrainian S. S. R.]. Kiev, no. 10, Oct. 1962.

4. HISTORY

a. GENERAL

AKADEMIIA NAUK SSSR. Institut istorii. Vestnik drevnei istorii [ACADEMY OF SCIENCES OF THE U. S. S. R. Institute of History. Review of Ancient History]. Moscow, no. 3(81), 1962.

AKADEMIIA NAUK SSSR. Institut istorii. Leningradskoe otdelenie Trudy [ACADEMY OF SCIENCES OF THE U. S. S. R. Institute of History. Leningrad Branch. Transactions]. Moscow, no. 4, 1962.

INSTITUT ZUR ERFORSCHUNG DER UdSSR. Materialy i soobshcheniia issledovatel'skogo otdela [INSTITUTE FOR THE STUDY OF THE U. S. S. R. Materials and Reports of the Research Department]. Munich, nos. 32/33, 35/36, Feb. -Mar., May-June 1962.

ISTORICHESKII ARKHIV [HISTORICAL ARCHIVES]. Issued by Institut istorii Akademii nauk SSSR [Institute of History of the Academy of Sciences of the U. S. S. R.]. Moscow, vol. 8, no. 4, July-Aug. 1962.

ISTORIIA SSSR [HISTORY OF THE U. S. S. R.]. Issued by Institut istorii Akademii nauk SSSR [Institute of History of the Academy of Sciences of the U. S. S. R.]. Moscow, vol. 6, no. 4, July-Aug 1962.

NARODY AZII I AFRIKI, istoriia, ekonomika, kul'tura [PEOPLES OF ASIA AND AFRICA; History, Economics, Culture]. Issued by Institut narodov Azii and Institut Afriki Akademii nauk SSSR [Institute of the Peoples of Asia and Institute of Africa of the Academy of Sciences of the U. S. S. R.]. No. 5, 1962.

NOVAIA I NOVEISHAIA ISTORIIA [MODERN AND RECENT HISTORY]. Issued by Institut istorii Akademii nauk SSSR [Institute of History of the Academy of Sciences of the U. S. S. R.]. Moscow, nos. 4-5, 1962.

NOVAIA INOSTRANNAIA LITERATURA PO ISTORII, ARKHEOLOGII I ETNOGRAFII [NEW FOREIGN LITERATURE ON HISTORY, ARCHAEOLOGY, AND ETHNOGRAPHY]. Issued by Fundamental'naia biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U. S. S. R.]. Moscow, nos. 6-7/8, 1962.

NOVAIA SOVETSKAIA LITERATURA PO ISTORII, ARKHEOLOGII I ETNOGRAFII [NEW SOVIET LITERATURE ON HISTORY, ARCHAEOLOGY, AND ETHNOGRAPHY]. Issued by Fundamental'naia biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U. S. S. R.]. Moscow, nos 6-7, 1962.

VIZANTIISKII VREMENNIK [BYZANTINE CHRONICLE]. Organ of Institut istorii Akademii nauk SSSR [Institute of History of the Academy of Sciences of the U. S. S. R]. Moscow, vol. 21, 1962.

VOENNO-ISTORICHESKII ZHURNAL [MILITARY HISTORY JOURNAL]. Organ of Ministerstvo oborony SSSR [Ministry of Defense of the U. S. S. R.] Moscow, vol. 4, no. 10, Oct. 1962.

VOPROSY ISTORII [PROBLEMS OF HISTORY]. Issued by Otdelenie istoricheskikh nauk Akademii nauk SSSR [Department of History of the Academy of Sciences of the U. S. S. R.]. Moscow, no. 10, Oct. 1962.

b. ARCHAEOLOGY & ANTIQUITIES

MATERIALY I ISSLEDOVANIIA PO ARKHEOLOGII SSSR [MATERIALS AND RESEARCH IN THE ARCHAEOLOGY OF THE U. S. S. R.] Issued by Institut arkheologii Akademii nauk SSSR [Institute of Archaeology of the Academy of Sciences of the U. S. S. R.]. Moscow, no. 99, 1961.
Contents: Bader, O. N. [Settlements of the Turbino type in the middle Kama Valley] Poseleniia turbinskogo tipa v Srednem Prikam'e. 196 p.

5. SOCIAL SCIENCES

a. COMMERCE

BUKHGALTERSKII UCHET [ACCOUNTING]. Issued by Ministerstvo finansov SSSR [Ministry of Finance of the U. S. S. R.]. Moscow, vol. 19, nos. 8, 9, June, Sep. 1962.

NOVYE TOVARY; informatsionnyi biulleten' [NEW CONSUMER GOODS; Information Bulletin]. Moscow, no. 11, 1962.

VNESHNIAIA TORGOVLIA [FOREIGN TRADE]. Organ of Ministerstvo vneshnei torgovli SSSR [Ministry of Foreign Commerce of the U. S. S. R.] Moscow, vol. 42, no. 10, 1962.

b. ECONOMICS

AKADEMIIA NAUK TURKMENSKOI SSR, Ashkhabad, Izvestiia. Seriia obshchestvennykh nauk [ACADEMY OF SCIENCES OF THE TURKMEN S. S. R. Bulletin. Series in the Social Sciences]. Ashkhabad, no. 5, 1962.

EKONOMIKA RADIANS'KOI UKRAINY [ECONOMICS OF THE SOVIET UKRAINE]. Issued by Instytut ekonomiky Akademii nauk URSR [Institute of Economics of the Academy of Sciences of the Ukrainian S. S. R.]. Kiev, no. 4, July-Aug. 1962.

EKONOMIKA SOVETSKOI UKRAINY [ECONOMICS OF THE SOVIET UKRAINE]. Issued by Gosplan Soveta Ministrov Ukrainskoi SSR and Institut ekonomiki Akademii nauk URSR [State Planning Commission of the Council of Ministers of the Ukrainian S. S. R. and the Institute of Economics of the Academy of Sciences of the Ukrainian S. S. R.]. Kiev, nos. 5-6, Sep. -Dec. 1961, no. 1, July-Aug. 1962.

EKONOMIKA STROITEL'STVA [ECONOMICS OF CONSTRUCTION]. Issued by Gosudarstvennyi komitet Soveta Ministrov SSSR po delam stroitel'stva [State Committee of the Council of Ministers of the U. S. S. R. for Construction]. Moscow, nos. 9-10, Sep. -Oct. 1962.

LIAUDIES UKIS [THE NATIONAL ECONOMY]. Issued by Lietuvos TSR Valstybine plano komisija [State Planning Commission of the Lithuanian S. S. R.] and others. Vilnius, no. 9(47), Sep. 1962 [In Lithuanian]

LIETUVOS TSR MOKSLU AKADEMIJA Ekonomikos institutas Darbai Trudy Instituta ekonomiki Akademii nauk Litovskoi SSR [ACADEMY OF SCIENCES OF THE LITHUANIAN S. S. R. Institute of Economics. Transactions] Vilnius, vol. 12, 1962. Darbo nasumas Lietuvos TSR pramones imonese Proizvoditel'nost' truda na promyshlennykh predpriiatiiakh Litovskoi SSR [Labor Productivity in Industrial Enterprises of the Lithuanian S. S. R.]

MIROVAIA EKONOMIKA I MEZHDUNARODNYE OTNOSHENIIA [WORLD ECONOMICS AND INTERNATIONAL RELATIONS]. Issued by Institut mirovoi ekonomiki i mezhdunarodnykh otnoshenii Akademii nauk SSSR [Institute of World Economics and International Relations of the Academy of Sciences of the U. S. S. R.]. Moscow, no. 11, 1962.

NARODNOE KHOZIAISTVO ARMENII [THE NATIONAL ECONOMY OF ARMENIA]. Issued by Gosplan Soveta Ministrov Armianskoi SSR [State Planning Commission of the Council of Ministers of the Armenian S. S. R.]. Erivan, nos. 9-10, 1962. [In Armenian]

NARODNOE KHOZIAISTVO KAZAKHSTANA [THE NATIONAL ECONOMY OF KAZAKHSTAN]. Issued by Gosplan Kazakhskoi SSR [State Planning Commission of the Kazakh S. S. R.]. Alma-Ata, vol. 20, no. 6, June 1962.

NOVAIA INOSTRANNAIA EKONOMICHESKAIA LITERATURA [NEW FOREIGN ECONOMIC LITERATURE]. Issued by Fundamental'naia biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U. S. S. R.]. Moscow, nos. 6-7, 1962.

NOVAIA SOVETSKAIA EKONOMICHESKAIA LITERATURA [NEW SOVIET ECONOMIC LITERATURE]. Issued by Fundamental'naia biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U. S. S. R.]. Moscow, nos. 22-24, 1962.

PYTANNIA EKONOMIKY SIL'S'KOHO HOSPODARSTVA UKRAINS'KOI RSR [PROBLEMS IN THE ECONOMICS OF THE AGRICULTURE OF THE UKRAINIAN S. S. R.]. Issued by Ukrains'kyi naukovo-doslidnyi instytut ekonomiky i organizatsii sil's'koho hospodarstva [Ukrainian Scientific Research Institute of the Economics and Organization of Agriculture]. Kiev, no. 4, 1961.

REFERATIVNYI SBORNIK: EKONOMIKA PROMYSHLENNOSTI [JOURNAL OF ABSTRACTS; ECONOMICS OF INDUSTRY]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U. S. S. R.]. Moscow, no. 10, Oct. 1962.

RUSSIA (1923- U. S. S. R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Nauchnye doklady vysshei shkoly; ekonomicheskie nauki [Ministry of Higher and Secondary Specialized Education. Research Papers of Higher Schools; Economics]. Moscow, no. 5, 1962.

UCHET I FINANSY V KOLKHOZAKH I SOVKHOZAKH [ACCOUNTING AND FINANCE ON COLLECTIVE AND STATE FARMS]. Issued by Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U. S. S. R.]. Moscow, vol. 19, nos. 9-10, Sep. -Oct. 1962.

VESTNIK STATISTIKI [STATISTICAL REVIEW]. Organ of TSentral'noe statisticheskoe upravlenie SSSR [Central Statistical Administration of the U. S. S. R.]. Moscow, no. 10, 1962.

c. FINANCE

FINANSY SSSR [FINANCE OF THE U. S. S. R.]. Issued by Ministerstvo finansov SSSR [Ministry of Finance of the U. S. S. R.]. Moscow, vol. 23, no. 10, Oct. 1962.

d. LABOR

BIULLETEN' NAUCHNOI INFORMATSII TRUD I ZARABOTNAIA PLATA [BULLETIN OF SCIENTIFIC INFORMATION: LABOR AND WAGES]. Issued by Nauchno-issledovatel'skii institut truda Gosudarstvennogo komiteta Soveta Ministrov SSSR po voprosam truda i zarabotnoi platy [Labor Scientific Research Institute of the State Committee of the Council of Ministers of the U. S. S. R. for Labor and Wages]. Moscow, vol. 5, no. 9, 1962.

RABOTNITSA I SIALIANKA [THE WOMAN WORKER AND THE PEASANT WOMAN]. Issued by TSentral'nyi komitet Komunistychnae partyi Belarusi [Central Committee of the Communist Party of White Russia]. Minsk, vol. 38, no. 10, Oct. 1962.

SOTSIALISTICHESKII TRUD [SOCIALIST LABOR]. Issued by Gosudarstvennyi komitet Soveta Ministrov SSSR po voprosam truda i zarabotnoi platy [State Committee of the Council of Ministers of the U. S. S. R. on Labor and Wage Problems]. Moscow, vol. 7, nos. 8, 10, Aug, Oct. 1962.

SOVETSKIE PROFSOIUZY [SOVIET TRADE UNIONS]. Issued by Vsesoiuznyi TSentral'nyi Sovet Professional'nykh Soiuzov [All-Union Central Council of Trade Unions]. Moscow, vol. 18, no. 20(254), Oct. 1962.

VSEMIRNOE PROFSOIUZNOE DVIZHENIE [WORLD TRADE-UNION MOVEMENT]. Organ of Vsemirnaia federatsiia profsoiuzov [World Federation of Trade Unions]. Moscow, no. 8/9, Aug. -Sep. 1962.

e. SOCIOLOGY

AZÉRBAÏČHAN QADYNY [AZERBAIJAN WOMAN]. Issued by TSentral'nyi komitet Kommunisticheskoi Partii Azerbaidzhana [Central Committee of the Communist Party of Azerbaijan]. Baku, no. 10, Oct. 1962. [In Azerbaijani]

KOMSOMOL'SKAIA ZHIZN' [LIFE OF COMMUNIST YOUTH]. Issued by TSentral'nyi komitet Vsesoiuznogo leninskogo kommunisticheskogo soiuza molodezhi [Central Committee of the All-Union Communist Youth League of Lenin]. Moscow, no. 12, June 1962.

KYRGYZSTAN AIALDARY [KIRGHIZISTAN WOMAN]. Frunze, vol. 12, no. 10(102), 1962. [In Kirghiz]

NASH SVIT. OUR WORLD. Published by "Selfreliance," an Association of American Ukrainians, and the Ukrainian Economic Advisory Assoc., Inc. New York, vol. 4(13), no. 15(106), May 1962.

NOUKOGUDE NAINE [SOVIET WOMAN]. Issued by EKP Keskkomitee [Central Committee of the Communist Party of Estonia]. Tallinn, no. 11, 1962. [In Estonian]

and Spilka radians'kykh pys'mennykiv Ukrainy [Ukrainian Republic Council of Trade Unions and the Association of Soviet Writers of the Ukraine]. Kiev, vol. 17, no. 11(203), Nov. 1962.

RUSSKII VESTNIK. RUSSIAN HERALD. Published by Russian Consolidated Mutual Aid Society of America. New York, no. 310, July-Aug. 1962.

SMENA [THE YOUNGER GENERATION]. Organ of TSentran'nyi komitet Vsesoiuznogo leninskogo kommunisticheskogo soiuza molodezhi [Central Committee of the All-Union Communist Youth League of Lenin]. Moscow, vol. 30, nos. 20-21, Oct. -Nov. 1962.

SOTSIAL'NOE OBESPECHENIE [SOCIAL SECURITY]. Issued by Ministerstvo sotsial'nogo obespecheniia RSFSR [Ministry of Social Security of the R.S.F.S.R. Moscow, vol. 23, no. 10, Oct. 1962

SOVET TURKMENISTANYNYŃ AIALLARY [SOVILT TURKMENISTAN WOMAN]. Organ of TsK KP Turkmenistana [Central Committee of the Communist Party of Turkmenistan] Ashkhabad, no. 10(112), Oct. 1962. [In Turkmen]

SOVETSKAIA ZHENSHCHINA [SOVILT WOMAN]. Organ of Komitet sovetskikh zhenshchin and Vsesoiuznyi TSentral'nyi Sovet Professional'nykh Soiuzov [Committee of Soviet Women and the All-Union Central Council of Trade Unions] Moscow, vol 18, no. 12, 1962.

UZBEKISTON KHOTIN-KIZLARI [WOMEN OF UZBEKISTAN]. Tashkent, no. 10, Oct. 1962 [In Uzbek]

6. POLITICAL SCIENCE

AGITATOR [AGITATOR]. Issued by TSentral'nyi komitet Kommunisticheskoi partii Sovetskogo Soiuza [Central Committee of the Communist Party of the Soviet Union]. Moscow, nos. 22-23, Nov.-Dec. 1962.

BLOKNOT AGITATORA [THE AGITATOR'S NOTEBOOK] Issued by Otdel propagandy i agitatsii TSentral'nogo komiteta Kommunisticheskoi partii Belorussii [Propaganda and Dissemination Section of the Central Committee of the Communist Party of White Russia]. Minsk, nos. 24-26, Aug.-Sep. 1959; nos. 3-4, Jan.-Feb. 1960.

BLOKNOT AGITATORA [THE AGITATOR'S NOTEBOOK] Issued by Otdel propagandy i agitatsii TSentral'nogo komiteta Kommunisticheskoi partii Gruzii [Propaganda and Dissemination Section of the Central Committee of the Communist Party of Georgia]. Tiflis, no. 1, Jan. 1960.

BOR'BA [THE STRUGGLE]. Organ of Soiuz bor'by za osvobozhdenie narodov Rossii [Union of the Struggle for the Liberation of the Peoples of Russia]. Munich, no. 3(65), Nov 1962.

CHASOVOI [THE SENTRY]. Organ of Rossiiskoe natsional'noe dvizhenie [Russian National Movement] Brussels, no. 438(11), Nov. 1962.

EESTI KOMMUNIST [COMMUNIST OF ESTONIA] Issued by Eestimaa Kommunistliku Partei Keskkomitee [Central Committee of the Communist Party of Estonia]. Tallinn, vol. 18, no. 10, Oct. 1962. [In Estonian]

KAMUNIST BELARUSI [COMMUNIST OF WHITE RUSSIA]. Issued by TSentral'ny kamitet Kamunistychnai partyi Belarusi [Central Committee of the Communist Party of White Russia]. Minsk, vol. 36, no. 10, Oct. 1962.

KOMMUNIST [COMMUNIST]. Issued by TSentral'nyi Komitet Kommunisticheskoi partii Litvy [Central Committee of the Communist Party of Lithuania] Vilnius, vol. 45, no. 10(460), Oct. 1962.

KOMMUNIST [COMMUNIST]. Organ of the Central Committee of the Communist Party of Kirghizia. Frunze, vol. 36, no. 10, Oct. 1962. [In Kirghiz]

KOMMUNIST ESTONII [COMMUNIST OF ESTONIA]. Issued by TsK Kompartii Estonii [Central Committee of the Communist Party of Estonia] Tallinn, vol. 18, no. 10, Oct. 1962.

KOMMUNIST UZBEKISTANA [COMMUNIST OF UZBEKISTAN]. Issued by TSentral'nyi komitet Kommunisticheskoi partii Uzbekistana [Central Committee of the Communist Party of Uzbekistan]. Tashkent, vol. 34, no. 7, July 1962.

KOMUNISTAS [COMMUNIST]. Issued by Lietuvos komunistu partijos Centro komitetas [Central Committee of the Communist Party of Lithuania]. Vilnius, no. 11(461), Nov. 1962. [In Lithuanian]

MEZHDUNARODNAIA ZHIZN' [INTERNATIONAL LIFE]. Published by Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii [All-Union Society for the Dissemination of Political and Scientific Knowledge]. Moscow, vol. 9, no. 11, Nov. 1962.

MOLODEZH' MIRA [WORLD YOUTH]. Issued by Vsemirnaia federatsiia demokraticheskoi molodezhi [World Federation of Democratic Youth]. Moscow, no. 6, 1961; no. 4, 1962.

MOLODOI KOMMUNIST [THE YOUNG COMMUNIST]. Issued by TSentral'nyi komitet Vsesoiuznogo leninskogo kommunisticheskogo soiuza molodezhi [Central Committee of the All-Union Communist Youth League of Lenin] Moscow, no. 10, Oct. 1962.

MUNICH RADIO LIBERATION TSentral'nyi issledovatel'skii otdel. Spravochnik [Central Research Section. Manual]. Nos. 2-3, 5, 7-3, 15-26, 28-33, 35, 47-49, 51-54, 55-56, 59, 61, 65-67, 69, 1955-1962.

NOVOE VREMIA [NEW TIMES]. Moscow, vol. 20, no. 45, Nov. 1962.

PADOMJU LATVIJAS KOMUNISTS [COMMUNIST OF SOVIET LATVIA]. Issued by Latvijas komunistiskas partijas Centrala komiteja [Central Committee of the Communist Party of Latvia] Riga, vol. 18, no. 11, Nov. 1962. [In Latvian]

PARTIIA TURMUSH [PARTY LIFE] Issued by TSentral'nyi Komitet Kommunisticheskoi partii Uzbekistana [Central Committee of the Communist Party of Uzbekistan] Tashkent, no. 11, Nov. 1962. [In Uzbek]

PARTIINAIA ZHIZN' [PARTY LIFE]. Issued by TSentral'nyi komitet Kommunisticheskoi partii Sovetskogo Soiuza [Central Committee of the Communist Party of the Soviet Union]. Moscow, nos. 21-22, Nov. 1962.

PARTIINAIA ZHIZN' KAZAKHSTANA [PARTY LIFE OF KAZAKHSTAN]. Issued by TSentral'nyi komitet KP Kazakhstana [Central Committee of the Communist Party of Kazakhstan]. Alma-Ata, no. 6, June 1962.

PROBLEMY MIRA I SOTSIALIZMA [PROBLEMS OF PEACE AND SOCIALISM]. Prague, vol. 5, no. 11 (51), Nov 1962.

RUSSIA (1917- R S F S R.) Verkhovnyi Sovet. Vedomosti [Supreme Soviet. Gazette]. Moscow, vol. 6, nos. 42(212)-44(214), Oct.-Nov. 1962.

RUSSIA (1923- U.S.S.R.) Verkhovnyi Sovet. Vedomosti [Supreme Soviet. Gazette]. Moscow, vol. 25, nos. 46 (1133)-50(1137), Nov.-Dec. 1962.

SVOBODA [FREEDOM]. Issued by TSentral'noe ob"edinenie politicheskikh emigrantov iz SSSR [Central Association of Political Refugees from the U.S.S.R.]. Munich, vol. 11, no. 10(124), Oct. 1962.

TÜRKMENISTAN KOMMUNISTI [COMMUNIST OF TURKMENISTAN]. Organ of the Central Committee of the Communist Party of Turkmenistan. Ashkhabad, vol. 38, no. 10, Oct. 1962. [In Turkmen]

UCHENYE ZAPISKI KAFEDR ISTORII MEZHDUNARODNOGO RABOCHEGO I NATSIONAL'NO-OSVOBODITEL'NOGO DVIZHENIIA VYSSHIKH PARTIINYKH SHKOL [STUDIES BY THE DEPARTMENTS OF THE HISTORY OF THE INTERNATIONAL WORKERS' AND NATIONAL LIBERATION MOVEMENTS OF HIGHER PARTY SCHOOLS]. Moscow, no. 1, 1959. [MICROFILM]

ŬZBEKISTON KOMMUNISTI [COMMUNIST OF UZBEKISTAN]. Issued by the Central Committee of the Communist Party of Uzbekistan. Tashkent, vol. 34, no. 10, Oct. 1962. [In Uzbek]

ZNAMIA ROSSII, Organ russkoi nezavisimoi monarkhicheskoi mysli [THE BANNER OF RUSSIA; Organ of Russian Independent Monarchistic Thought]. New York, vol. 17, no. 225, 1962.

7. LAW

LENINGRAD. TSENTRAL'NYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT MORSKOGO FLOTA. Informatsionnyi sbornik [CENTRAL SCIENTIFIC RESEARCH INSTITUTE OF THE MERCHANT MARINE. Information Bulletin]. No. 46, 1960; no. 71, 1961. Morskoe pravo i praktika [Maritime law and Practice], nos. 8, 15.

MOSCOW. UNIVERSITET. Vestnik. Seriia 10: Pravo [UNIVERSITY. Review. Series 10: Law]. Vol. 17, no. 3, July-Sep. 1962.

RUSSIA (1923- U.S.S.R.) Verkhovnyi Sud. Biulleten' [Supreme Court. Bulletin]. Moscow, no. 6, 1962.

SOTSIALISTICHESKAIA ZAKONNOST' [SOCIALIST LEGALITY]. Organ of Prokuratura SSSR [Attorney General's Office of the U.S.S.R.]. Moscow, vol. 39, nos. 8, 11, Aug., Nov. 1962.

SOVETSKAIA IUSTITSIIA [SOVIET JUSTICE]. Issued by Ministerstvo iustitsii and Verkhovnyi Sud RSFSR [Ministry of Justice and the Supreme Court of the R.S.F.S.R.] Moscow, no. 20, Oct, 1962.

8. EDUCATION

a. GENERAL

AKADEMIIA PEDAGOGICHESKIKH NAUK RSFSR, Moscow. Doklady [ACADEMY OF PEDAGOGICAL SCIENCES OF THE R.S.F.S.R. Reports]. Moscow, no. 3, 1962.

GULKHAN. Issued by TsK LKSM and Ministerstvo prosveshchenila Uzbekistana [Central Committee of the All-Union Communist Youth League of Lenin and the Ministry of Education of Uzbekistan] Tashkent, nos. 10(130)-11(131), Oct.-Nov. 1962. [In Uzbek]

KAZAKSTAN MEKTEBI [KAZAKHSTAN SCHOOLS]. Organ of the Ministry of Education of the Kazakh S.S.R. Alma-Ata, vol 37, nos. 9-10, Sep.-Oct. 1962. [In Kazakh]

MAKTABI SOVETĪ [SOVIET SCHOOL]. Issued by Ministerstvo prosveshchenila Tadzhikskoi SSR [Ministry of Education of the Tajik S.S.R.]. Dushanbe, vol. 37, no. 10(378), Oct. 1962. [In Tajik]

NOUKOGUDE KOOL [SOVIET SCHOOL]. Issued by Eesti Noukogude Sotsialistliku Vabariigi Haridusministeerium [Ministry of Education of the Estonian S.S.R.]. Tallinn, vol. 20, no. 11, Nov. 1962. [In Estonian]

PADOMJU LATVIJAS SKOLA [THE SCHOOL IN SOVIET LATVIA]. Issued by LPSR Izglitibas ministrija [Ministry of Education of the Latvian S.S.R.]. Riga, no. 10, Oct. 1962. [In Latvian]

RUSSIA (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Biulleten' [Ministry of Higher and Secondary Specialized Education. Bulletin] Moscow, no. 11, Nov. 1962.

SEM'IA I SHKOLA [FAMILY AND SCHOOL]. Issued by Akademiia pedagogicheskikh nauk RSFSR [Academy of Pedagogical Sciences of the R.S.F.S.R.]. Moscow, vol. 17, no. 10, Oct. 1962.

SHKOLA I PROIZVODSTVO [SCHOOL AND PRODUCTION]. Issued by Ministerstvo prosveshchenila RSFSR po voprosam trudovogo vospitaniia politekhnicheskogo i proizvodstvennogo obrazovaniia [Ministry of Education of the R.S.F.S.R. on Problems in Labor Training Through the System of Polytechnic and Industrial Education]. Moscow, vol. 6, no. 10, Oct. 1962.

SHKOLA-INTERNAT [BOARDING SCHOOL]. Issued by Ministerstvo prosveshchenila RSFSR [Ministry of Education of the R.S.F.S.R.]. Moscow, no. 5, Sep.-Oct. 1962.

SREDNEE SPETSIAL'NOE OBRAZOVANIE [SECONDARY SPECIALIZED EDUCATION]. Organ of Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia SSSR [Ministry of Higher and Secondary Specialized Education of the U.S.S.R.]. Moscow, vol. 6, no. 9, Sep. 1962.

VESTNIK VYSSHEI SHKOLY [REVIEW OF SCHOOLS FOR HIGHER EDUCATION]. Organ of Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia SSSR [Ministry of Higher and Secondary Specialized Education of the U.S.S.R.]. Moscow, vol. 20, no. 10, Oct. 1962.

VOZHATYI [PIONEER GUIDE]. Published by TSentral'nyi komitet Vsesoiuznogo Leninskogo kommunisticheskogo soiuza molodezhi and TSentral'nyi sovet Vsesoiuznoi pionerskoi organizatsii imeni V.I. Lenina [Central Committee of the All-Union Communist Youth League of Lenin and the Central Council of the All-Union Lenin Pioneers]. Moscow, vol. 38, no. 11, Nov. 1962.

b. PHYSICAL EDUCATION & GAMES

FIZICHESKAIA KUL'TURA V SHKOLE [PHYSICAL EDUCATION IN SCHOOLS]. Issued by Ministerstvo prosveshchenila RSFSR [Ministry of Education of the R.S.F.S.R.]. Moscow, no. 11, Nov. 1962.

FIZKUL'TURA I SPORT [PHYSICAL EDUCATION AND SPORTS]. Organ of Soiuz sportivnykh tovarystv i organizatsii URSR [Union of Sports Associations and Organizations of the Ukrainian S.S.R.]. Kiev, no. 11, Nov. 1962. [In Ukrainian]

FIZKUL'TURA I SPORT [PHYSICAL EDUCATION AND SPORTS] Organ of TSentral'nyi Sovet Soiuza sportivnykh obshchestv i organizatsii SSSR [Central Council of the Union of Sports Associations and Organizations of the U S S R.] Moscow, nos 10 (772)-11(773), Oct -Nov 1962

KEHAKULTUUR [PHYSICAL CULTURE]. Organ of Eesti NSV Spordiühingute ja -organisatsioonide Liit [Union of Sports Associations and Organizations of the Estonian S S R] Tallinn, vol. 23, no. 20(461), Oct. 1962 [In Estonian]

LEGKAIA ATLETIKA [TRACK AND FIELD ATHLETICS] Organ of TSentral'nyi sovet Soiuza sportivnykh obshchestv i organizatsii SSSR [Central Council of the Association of Sports Societies and Organizations of the U S S R] Moscow, vol. 8, no 10(89), Oct 1962.

SHAKHMATNYI BIULLETEN' [CHESS BULLETIN] Organ of Shakhmatnaia federatsiia SSSR [Chess Federation of the U S S R.] Moscow, vol 8, no. 11, Nov. 1962

SHAKHMATY [CHESS]. Issued by Soiuz sportivnykh obshchestv i organizatsii and Shakhmatnaia federatsiia Latvliskoi SSR [Union of Sports Associations and Organizations and the Chess Federation of the Latvian S S R.] Riga, no 20(68), Oct 1962

SPORTIVNYE IGRY [ATHLETIC GAMES]. Organ of TSentral'nyi sovet Soiuza sportivnykh obshchestv i organizatsii SSSR [Central Council of the Association of Sports Societies and Organizations of the U S S R] Moscow, vol. 8, no 10(89), Oct 1962.

9. MUSIC, THEATER & MOTION PICTURES

a. MOTION PICTURES

KINOMEKHANIK [MOTION-PICTURE OPERATOR]. Issued by Ministerstvo kul'tury SSSR [Ministry of Culture of the U.S.S.R.] Moscow, no. 10, Oct. 1962

SOVETSKII EKRAN [THE SOVIET SCREEN]. Organ of Ministerstvo kul'tury SSSR and Soiuz rabotnikov kinematografii SSSR [Ministry of Culture of the U.S.S.R. and the Union of Motion-Picture Workers of the U S S R.] Moscow, no. 21(141), Nov. 1962.

SOVETSKOE RADIO I TELEVIDENIE [SOVIET RADIO AND TELEVISION]. Issued by Gosudarstvennyi komitet po radioveshchaniiu i televideniiu pri Sovete Ministrov SSSR [State Committee on Radiobroadcasting and Television, Attached to the Council of Ministers of the U.S.S.R.] Moscow, vol. 6, nos. 1-6, 1957.

TEKHNIKA KINO I TELEVIDENIIA [MOTION-PICTURE AND TELEVISION ENGINEERING]. Organ of Ministerstvo kul'tury SSSR [Ministry of Culture of the U.S.S.R.] Moscow, vol. 6, no. 9, Sep. 1962.

b. MUSIC

MUZYKAL'NAIA ZHIZN' [MUSICAL LIFE]. Organ of Soiuz kompozitorov SSSR and Ministerstvo kul'tury SSSR [Association of Composers of the U.S.S.R. and the Ministry of Culture of the U.S.S.R.] Moscow, vol. 5, nos. 21-22, Nov. 1962

c. THEATER

NA DOPOMOHU KHUDOZHNIM SAMODIAL'NOSTI; repertuarnyi zbirnyk [A GUIDE FOR ART AMATEURS, Repertorial Collection]. Kiev, no. 6(42), Nov. 1962.

SOLDATSKAIA ESTRADA [SOLDIERS' STAGE]. Moscow, no. 2(114), 1962.

SOVETSKII TSIRK [THE SOVIET CIRCUS]. Organ of Ministerstvo kul'tury SSSR [Ministry of Culture of the U.S.S.R.] Moscow, vol. 6, no. 10(61), Oct. 1962.

TEATR [THEATER]. Organ of Ministerstvo kul'tury SSSR and Soiuz pisatelei SSSR [Ministry of Culture of the U.S.S.R. and Association of Writers of the U.S.S.R.] Moscow, vol. 23, no. 10, Oct. 1962.

TEATRAL'NAIA ZHIZN' [LIFE OF THE THEATER]. Organ of Ministerstvo kul'tury RSFSR [Ministry of Culture of the R.S.F.S.R.] and others. Moscow, no. 20, Oct. 1962.

10. FINE ARTS

a GENERAL

DEKORATIVNOE ISKUSSTVO SSSR [DECORATIVE ART OF THE U.S.S.R.] Issued by Soiuz khudozhnikov SSSR [Association of Artists of the U.S.S.R.] Moscow, no. 10(59), Oct 1962

ISKUSSTVO [ART]. Organ of Ministerstvo kul'tury SSSR [Ministry of Culture of the U.S.S.R.] and others Moscow, vol. 25, no. 8, 1962.

KHUDOZHNIK [ARTIST] Issued by Soiuz khudozhnikov RSFSR [Association of Artists of the R S F S R] Moscow, vol. 5, no. 11, 1962.

MAKSLA [ART]. Issued by Latvijas Padomju mākslinieku savienība [Association of Artists of Soviet Latvia] and others Riga, no 3(15), 1962. [In Latvian]

b ARCHITECTURE

STROITEL'STVO I ARKHITEKTURA [CONSTRUCTION AND ARCHITECTURE]. Issued by Gosudarstvennyi komitet Soveta Ministrov USSR po delam stroitel'stva and Soiuz arkhitektorov Ukrainy [State Committee of the Council of Ministers of the Ukrainian S.S.R. for Construction and the Association of Architects of the Ukraine]. Kiev, vol. 10, no. 9(93), Sep 1962.

11. LANGUAGE, LITERATURE & FOLKLORE

a LANGUAGE

INOSTRANNYE IAZYKI V SHKOLE [FOREIGN LANGUAGES IN SCHOOLS]. Issued by Ministerstvo prosveshchenila RSFSR [Ministry of Education of the R.S.F.S.R.]. Moscow, no. 5, Sep.-Oct. 1962.

KEEL JA KIRJANDUS [LANGUAGE AND LITERATURE] Issued by Eesti NSV Teaduste Akadeemia and Eesti NSV Kirjanike Liit [Academy of Sciences of the Estonian S.S.R and the Association of Writers of the Estonian S.S.R.]. Tallinn, vol. 5, no. 11, Nov. 1962. [In Estonian]

MOVOZNAVSTVO [LINGUISTICS]. Issued by Instytut movoznavstva Akademii nauk URSR [Institute of Linguistics of the Academy of Sciences of the Ukrainian S.S.R.]. Kiev, vol. 17, 1962.

NOVAIA INOSTRANNAIA LITERATURA PO IAZYKOZNANIIU [NEW FOREIGN LITERATURE IN LINGUISTICS]. Issued by Fundamental'naia biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.]. Moscow, nos. 6/7-8, 1962.

NOVAIA SOVETSKAIA LITERATURA PO IAZYKOZNANIIU [NEW SOVIET LITERATURE IN LINGUISTICS]. Issued by Fundamental'naia biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.]. Moscow, nos. 6-7/8, 1962.

UCHITELIA ANGLIISKOGO IAZYKA O SVOEI RABOTE [THE TEACHERS OF ENGLISH ABOUT THEIR WORK]. Moscow, no. 3, 1962

b LITERATURE & FOLKLORE

AZERBAIJCHAN [AZERBAIJAN]. Organ of Soiuz pisatelei Azerbaidzhana [Association of Writers of Azerbaijan]. Baku, no. 10, Oct. 1962. [In Azerbaijani]

BAIGAL [BAIKAL]. Ulan-Ude, no. 5, Sep.-Oct. 1962. [In Buryat]

DILA [MORNING]. Issued by TSentral'nyi komitet Leninskogo kommunisticheskogo soiuza molodezhi Gruzii and Respublikanskii sovet organizatsii iunykh pionerov im. V. I. Lenina [Central Committee of the Lenin Communist Youth League of Georgia and the Republic Council of Lenin Pioneers]. Tiflis, no. 10, Oct. 1962. [In Georgian]

DNIPRO [DNIEPER]. Organ of TSentral'nyi komitet Leninskoho komunistychnoho soiuzu molodi Ukrainy [Central Committee of the All-Union Communist Youth League of the Ukraine]. Kiev, vol. 36, nos. 11-12, Nov.-Dec. 1962.

DROSHA [THE BANNER] Published by the Publishing House of the Central Committee of the Communist Party of Georgia. Tiflis, no 10(135), Oct 1962. [In Georgian]

DRUZHBA NARODOV [FRIENDSHIP OF PEOPLES]. Organ of Soiuz pisatelei SSSR [Association of Writers of the U.S.S.R.]. Moscow, no. 11, Nov. 1962.

GULISTON [ROSE GARDEN]. Issued by Soiuz pisatelei Tadzhikistana [Association of Writers of Tajikistan]. Dushanbe, no. 3, Jul.-Sep. 1962.

IUNOST' [YOUTH]. Organ of Soiuz pisatelei SSSR [Association of Writers of the U.S.S.R.] Moscow, vol. 8, no. 11, Nov. 1962.

KAROGS [THE BANNER]. Issued by Latvijas padomju rakstnieku savienība [Association of Writers of Latvia]. Riga, no 11, Nov. 1962. [In Latvian]

LITERATURNAIA ARMENIIA [LITERARY ARMENIA] Organ of Soiuz pisatelei Armenii [Association of Writers of Armenia]. Erivan, no 10, Oct. 1962.

LITERATURNYI AZERBAIDZHAN [LITERARY AZERBAIJAN]. Organ of Soiuz pisatelei Azerbaidzhana [Association of Writers of Azerbaijan]. Baku, vol 20, no 11, Nov 1962.

LITERATURNYI KIRGIZSTAN [LITERARY KIRGHIZISTAN] Organ of Soiuz pisatelei Kirgizii [Association of Writers of Kirghizia]. Frunze, vol 8, no. 5(47), Sep.-Oct. 1962

MOKSHA, literaturno-khudozhestvennai i obshchestvenno-politicheskiai zhurnal [MOKSHA, Literary and Socio-political Almanac]. Saransk, no. 10, Sep.-Oct. 1962. [In Mordvinian]

NA RUBEZHE [AT THE FRONTIER]. Issued by Soiuz pisatelei Karel'skoi ASSR [Association of Writers of the Karelian A.S.S.R.]. Petrozavodsk, vol. 23, no. 5, Sep.-Oct 1962.

NASH SOVREMENNIK [OUR CONTEMPORARY]. Organ of Soiuz pisatelei RSFSR [Association of Writers of the R.S.F.S.R.] Moscow, vol 5, 1962.

NISTRUL [DNIESTER RIVER]. Organ of the Association of Soviet Writers of the Moldavian S S R Kishinev, vol. 31, no. 10, 1962. [In Moldavian]

NOVAIA INOSTRANNAIA LITERATURA PO LITERATUROVEDENIIU [NEW FOREIGN LITERATURE ON THE STUDY OF LITERATURE] Issued by Fundamental'naia biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.] Moscow, no. 8, 1962.

NOVAIA SOVETSKAIA LITERATURA PO LITERATUROVEDENIIU [NEW SOVIET LITERATURE ON THE STUDY OF LITERATURE]. Issued by Fundamental'naia biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.] Moscow, nos. 6-7, 1962

NOVYI ZHURNAL, THE NEW REVIEW New York, vol. 21, no. 70, Dec. 1962.

POD"EM [UPSWING]. Issued by Voronezhskoe otdelenie Soiuza pisatelei RSFSR [Voronezh Branch of the Association of Writers of the R.S.F.S.R.] Voronezh, no. 5, Sep.-Oct. 1962.

POLYMIA [FLAME]. Organ of Saiuz pis'mennikau BSSR [Association of Writers of the White Russian S.S.R.]. Minsk, vol. 10, nos. 10-11, Oct.-Nov. 1962.

PRAPOR; literaturno-khudozhnii ta hromads'ko-politychnyi zhurnal [BANNER; Literary and Sociopolitical Magazine]. Issued by Spilka pys'mennykiv Ukrainy [Association of Writers of the Ukraine]. Kharkov, no. 10, Oct. 1962.

PROSTOR [WIDE-OPEN SPACES]. Organ of Soiuz pisatelei Kazakhstana [Association of Writers of Kazakhstan]. Alma-Ata, vol. 28, no. 11, Nov. 1962.

RADIANS'KE LITERATUROZNAVSTVO [SOVIET LITERARY REVIEW]. Organ of Instytut literatury im. T. H. Shevchenka Akademii nauk URSR and Spilka pis'mennykiv Ukrainy [Shevchenko Institute of Literature of the Academy of Sciences of the Ukrainian S.S.R. and the Association of Writers of the Ukraine]. Kiev, vol. 6, no. 4, July-Aug. 1962.

SHARK IULDUZI [STAR OF THE EAST]. Organ of the Association of Soviet Writers of Uzbekistan Tashkent, vol. 30, no. 10, Oct. 1962. [In Uzbek]

SHARKI SURKH [THE RED EAST]. Organ of the Association of Writers of Tajikistan Dushanbe, no. 10, Oct. 1962 [In Tajik]

SIBIRSKIE OGNI [SIBERIAN LIGHTS]. Organ of Novosibirskoe otdelenie Soiuza pisatelei RSFSR [Novosibirsk Branch of the Association of Writers of the R. S. F. S. R.]. Novosibirsk, vol 41, no. 10, Oct. 1962.

SOVET ĔDEBIIATY [SOVIET LITERATURE]. Organ of Soiuz sovetskikh pisatelei TSSR [Association of Writers of the Turkmen S. S. R.]. Ashkhabad, nos. 10-11, Oct.-Nov 1962 [In Turkmen]

SOVETSKAIA PECHAT' [SOVIET PRESS] Issued by Soiuz zhurnalistov SSSR [Association of Journalists of the U. S. S. R.]. Moscow, no. 10, Oct. 1962.

SOVETSKAIA UKRAINA [SOVIET UKRAINE]. Organ of Pravlenie Soiuza pisatelei Ukrainy [Administration of the Association of Writers of the Ukraine]. Kiev, no 9, Sep. 1962.

SOVREMENNIK [CONTEMPORARY]. Toronto, no. 6, Oct. 1962.

STAVROPOL'E, literaturno-khudozhestvennyi al'manakh [STAVROPOL LIFE, Literary Almanac]. Issued by Stavropol'skoe kraevoe otdelenie Soiuza pisatelei RSFSR [Stavropol Territorial Branch of the Association of Writers of the R. S. F. S. R.]. Stavropol, no. 1(26), 1961.

SUCHASNIST', literatura, mystetstvo, suspil'ne zhyttia [OUR TIME, Literature, Art, and Social Problems]. Munich, vol 2, no. 11(23), Nov. 1962.

SURAN' TOLT; literaturno-khudozhestvennoi dy obshchestvenno-politicheskoi zhurnal [SURA LIGHTS; Literary and Sociopolitical Magazine]. Issued by Mordovskoi ASSR-n' pisatelen' soiuzos' [Association of Writers of the Mordovian A. S. S. R.]. Saransk, no. 5, Sep.-Oct. 1962. [In Mordovian]

URAL. Issued by Sverdlovskoe otdelenie Soiuza pisatelei RSFSR [Sverdlovsk Branch of the Association of Writers of the R. S. F. S. R.] Sverdlovsk, nos. 9-10, Sep.-Oct. 1962.

VITCHYZNA [OUR COUNTRY]. Organ of Spilka pys'mennykiv Ukrainy [Association of Writers of the Ukraine]. Kiev, no. 11, Nov. 1962.

VOZROZHDENIE [RENAISSANCE]. Paris, nos. 109-120, Jan.-Dec. 1961; nos. 121-126, 131, Jan.-June, Nov. 1962.

ZHOVTEN' [OCTOBER]. Organ of Spilka pys'mennykiv Ukrainy [Association of Writers of the Ukraine]. Lvov, vol. 12, no. 11, Nov. 1962.

12. GEOGRAPHY & GEOLOGY

a. ETHNOLOGY

GEOGRAFICHESKOE OBSHCHESTVO SSSR. Otdelenie etnografii. Materialy [GEOGRAPHICAL SOCIETY OF THE U. S. S. R. Department of Ethnography. Materials]. Leningrad, no. 1. 1961.

b. GEOGRAPHY

AKADEMIIA NAUK SSSR. Izvestiia. Seriia geograficheskaia [ACADEMY OF SCIENCES OF THE U. S. S. R. Bulletin. Geographical Series]. Moscow, no. 5, Sep.-Oct. 1962.

AKADEMIIA NAUK SSSR. Institut okeanologii. Trudy [ACADEMY OF SCIENCES OF THE U. S. S. R. Institute of Oceanography. Transactions]. Moscow, vol. 56, 1962.

GEOGRAFICHESKOE OBSHCHESTVO SSSR. Kirgizskii filial. Izvestiia [GEOGRAPHIC SOCIETY OF THE U. S. S. R. Kirghiz Branch. Bulletin]. Frunze, no. 3, 1961.

MOSCOW. UNIVERSITET. Vestnik. Seriia 5: Geografiia [UNIVERSITY. Review. Series 5: Geography]. Vol. 17, no. 5, Sep.-Oct. 1962.

MOSCOW. UNIVERSITET. Geograficheskii fakul'tet. Informatsionnyi sbornik o rabotakh po Mezhdunarodnomu geofizicheskomu godu [UNIVERSITY. Geographical Faculty. Information Bulletin on the Work for the International Geophysical Year]. No. 2, 1958.

VOKRUG SVETA [AROUND THE WORLD]. Issued by TSentral'nyi komitet Vsesoiuznogo leninskogo kommunisticheskogo soiuza molodezhi [Central Committee of the All-Union Communist Youth League of Lenin] Moscow, no. 9, Sep. 1962.

VOPROSY GEOGRAFII [PROBLEMS OF GEOGRAPHY]. Published by Moskovskii filial Geograficheskogo obshchestva SSSR [Moscow Chapter of the Geographic Society of the U. S. S. R.]. Moscow, no. 57, 1962.

c. GEOLOGY & PALEONTOLOGY

AKADEMIIA NAUK ARMIANSKOI SSR, Erivan. Izvestiia. Geologicheskie i geograficheskie nauki [ACADEMY OF SCIENCES OF THE ARMENIAN S. S. R. Bulletin. Geological and Geographical Sciences]. Erivan, vol. 15, no. 5, 1962.

*AKADEMIIA NAUK SSSR. Izvestiia. Seriia geologicheskaia [ACADEMY OF SCIENCES OF THE U. S. S. R. Bulletin. Geological Series]. Moscow, vol. 27, no. 10, Oct. 1962.

AKADEMIIA NAUK SSSR. Geologicheskii institut. Trudy [ACADEMY OF SCIENCES OF THE U. S. S. R. Geological Institute. Transactions]. Moscow, no. 50, 1962.
Contents: Rozman, Kh. S. [Stratigraphy and brachiopods of the Famenian stage of the Mugodzhar Hills and adjacent regions] Stratigrafiia i brakhiopody famenskogo iarusa Mugodzhar i smezhnykh raionov. 195 p. 31 plates.

AKADEMIIA NAUK SSSR. Geologicheskii muzei. Trudy [ACADEMY OF SCIENCES OF THE U. S. S. R. Geological Museum. Transactions]. Moscow, no. 10, 1962.
Contents: Taldykina, K. S. [Mineralogy of complex metal deposits of the Klichka group in eastern Transbaikalia (Savva No. 5, Pochekuyevo, and Klichka)] Mineralogiia polimetallicheskikh mestorozhdenii Klichkinskoi gruppy Vostonogo Zabaikal'ia (Savinskoe No. 5, Pochekuevskoe i Klichkinskoe). 120 p.

AKADEMIIA NAUK SSSR, IAkutskii filial, Yakutsk. Trudy. Seriia geologicheskaia [ACADEMY OF SCIENCES OF THE U. S. S. R. Yakut Branch. Transactions. Geological Series], Moscow, no. 10, 1962.
Contents: Menialilov, A. A. [Tuffs and kimberlites of the Siberian Platform and their origin] Tufy i kimberlity Sibirskoi platformy i ikh proiskhozhdenie. 211 p. 12 plates.
[MICROFILM]

AKADEMIIA NAUK SSSR. Institut geologii rudnykh mestorozhdenii, petrografii, mineralogii i geokhimii. Trudy [ACADEMY OF SCIENCES OF THE U. S. S. R. Institute of the Geology of Ore Deposits, Petrology, Mineralogy, and Geochemistry. Transactions]. Moscow, no. 35, 1959.
Contents: Perel'man, A. I. [Migration processes of salts on the plains of eastern Turkmenia and western Uzbekistan in the Neogene; ancient soils of deserts in Central Asia] Protsessy migratsii solei na ravninakh Vostochnoi Turkmenii i Zapadnogo Uzbekistana v neogene; drevnie pochvy pustyn' Srednei Azii. 108 p.

No. 37, 1960.
Contents: IAnitskii, A. L. [Oligocene oolite iron ores in northern Turgay and their genesis] Oligotsenovye oolitovye zheleznye rudy Severnogo Turgaia i ikh genezis. 218 p.

No. 53, 1961.
Contents: Zelenova, O. I. [Lithology, facies, and geochemical characteristics of Alay stage sediments in the Tajik Depression.] Litologiia, fatsii i geokhimicheskie osobennosti otlozhenii Alaiskogo iarusa Tadzhikskoi depressii. 127 p. 22 plates.

No. 64, 1961.
Contents: [Methods for the chemical analysis of materials] Metody khimicheskogo analiza mineralov. Vol. 1. 99 p.

No. 68, 1962.
Contents: Radkevich, E. A., Tomson, I. N., Lebanova, G. M. [Geology and metallogeny of typical ore regions in the Maritime Territory] Geologiia i metallogeniia tipovych rudnykh raionov Primor'ia. 128 p.

No. 73, 1962
Contents: IAnitskii, A. L., Sergeev, O. P. [Bakal iron-ore deposits and their genesis] Bakal'skie zhelezorudnye mestorozhdeniia i ikh genezis 110 p

No. 80, 1962.
Contents: Lebedev, A. P. [Gabbro-anorthosite pluton of the China Valley (Eastern Siberia)] Chineiskii gabbro-anortozitovyi pluton (Vostochnaia Sibir') 99 p.

No. 82, 1962.
Contents: [Study of the structure of ore zones and deposits] Voprosy izucheniia struktur rudnykh polei i mestorozhdenii. 111 p.
[MICROFILM]

AKADEMIIA NAUK SSSR. Sibirskoe otdelenie. Vostochno-Sibirskii geologicheskii institut. Trudy [ACADEMY OF SCIENCES OF THE U. S. S. R. Siberian Department. East Siberian Geological Institute. Transactions]. Irkutsk, no. 3, 1961.

AKADEMIIA NAUK SSSR. Ural'skii filial, Sverdlovsk. Gorno-geologicheskii institut. Trudy [ACADEMY OF SCIENCES OF THE U. S. S. R. Ural Branch. Mining-Geological Institute. Transactions], Sverdlovsk, no. 61, 1961. Sbornik po voprosam stratigrafii [Papers on Problems of Stratigraphy], no. 6.

AKADEMIIA NAUK URSR, Kiev. Instytut geologichnykh nauk. Trudy Seriia petrografii, mineralogii i geokhimii [ACADEMY OF SCIENCES OF THE UKRAINIAN S. S. R. Institute of Geological Sciences. Transactions. Petrographical, Mineralogical, and Geochemical Series]. Kiev, no. 16, 1962.

APATITY. SEISMICHESKAIA STANTSIIA. Biulleten' [SEISMIC STATION. Bulletin]. No. 10, Jan.-July 1961.

GEOLOGIIA I GEOFIZIKA [GEOLOGY AND GEOPHYSICS]. Issued by Sibirskoe otdelenie Akademii nauk SSSR [Siberian Branch of the Academy of Sciences of the U. S. S. R.]. Novosibirsk, nos. 8-9, 1962.

MATERIALY PO GEOLOGII I POLEZNYM ISKOPAEMYM IAKUTSKOI ASSR [MATERIALS ON THE GEOLOGY AND MINERAL RESOURCES OF THE YAKUT A. S. S. R.]. Issued by IAkutskoe geologicheskoe upravlenie [Yakut Geological Administration]. Moscow, no. 2, 1960.
[MICROFILM]

MOSKOVSKOE OBSHCHESTVO ISPYTATELEI PRIRODY. Biulleten' [MOSCOW NATURALISTS' SOCIETY. Bulletin]. New series, vol. 66 Otdel geologicheskii [Geological Section]. Moscow, vol. 36, no. 3, May-June 1961.

PALEONTOLOGICHESKII ZHURNAL [PALEONTOLOGICAL JOURNAL]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U. S. S. R.]. Moscow, no. 2, 1962.

REFERATIVNYI ZHURNAL: GEOLOGIIA [JOURNAL OF ABSTRACTS: GEOLOGY]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U. S. S. R.]. Moscow, no. 11, Nov. 1962.

*SOVETSKAIA GEOLOGIIA [SOVIET GEOLOGY]. Organ of Ministerstvo geologii i okhrany nedr SSSR [Ministry of Geology and the Conservation of Mineral Resources of the U. S. S. R.]. Moscow, vol. 5, no. 10, Oct. 1962.

UZBEKSKII GEOLOGICHESKII ZHURNAL [UZBEK GEOLOGICAL JOURNAL]. Issued by Akademiia nauk Uzbekskoi SSR [Academy of Sciences of the Uzbek S. S. R.]. Tashkent, vol. 6, no. 5, 1962.

VSESOIUZNOE MINERALOGICHESKOE OBSHCHESTVO. Zapiski [ALL-UNION MINERALOGICAL SOCIETY. Records]. Moscow, vol. 91, nos. 3-4, 1962.

13. SCIENCE

a. GENERAL

*AKADEMIIA NAUK SSSR. Doklady [ACADEMY OF SCIENCES OF THE U. S. S. R. Reports]. Moscow, vol. 146, nos. 3, 5-6, Sep., Oct. 1962.

FAN VA TURMUSH [SCIENCE AND LIFE]. Issued by Akademiia nauk Uzbekskoi SSR [Academy of Sciences of the Uzbek S. S. R.]. Tashkent, no. 10(68), Oct. 1962. [In Uzbek]

*NAUKA I ZHIZN' [SCIENCE AND LIFE]. Issued by Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii [All-Union Society for Dissemination of Political and Scientific Knowledge]. Moscow, vol. 29, nos. 8, 9, June, Sep. 1962.

PRIRODA [NATURE]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U. S. S. R.]. Moscow, vol. 51, no. 10, Oct. 1962.

ZNANNIA TA PRATSIA [KNOWLEDGE AND WORK]. Issued by TSentral'nyi komitet Leninskoho komunistychnoho soiuza molodi Ukrainy [Central Committee of the Ukrainian Communist Youth League of Lenin]. Kiev, no. 10(272), Oct. 1962.

b ASTRONOMY

BYURAKAN, OBSERVATORIIA. Soobshcheniia [OBSERVATORY. Reports]. Erivan, no. 30, 1962.

*GEODEZIIA I KARTOGRAFIIA [GEODESY AND CARTOGRAPHY]. Organ of Glavnoe upravlenie geodezii i kartografii Ministerstva geologii i okhrany nedr SSSR [Main Administration of Geodesy and Cartography of the Ministry of the Geology and Conservation of Mineral Resources of the U. S. S. R.]. Moscow, no. 9, Sep. 1962.

KAZAN. UNIVERSITET. Astronomicheskaia observatoriia. Biulleten' [UNIVERSITY. Astronomical Observatory. Bulletin]. No. 31, 1955. [Also numbered as: Kazan. Universitet. Uchenye zapiski no. 11, 1955]
Contents: Lavrov, M. I. [Some statistical regularities of variable stars and their physical interpretation] Nekotoryye statisticheskie zakonomernosti u zatmennykh peremennykh zvezd i ikh fizicheskoe istolkovanie. 63 p.

MOSCOW. UNIVERSITET. Gosudarstvennyi astronomicheskii institut. Soobshcheniia [UNIVERSITY. State Astronomical Institute. Reports]. No. 117, 1961.

PULKOVO. GLAVNAIA ASTRONOMICHESKAIA OBSERVATORIIA. Izvestiia [MAIN ASTRONOMICAL OBSERVATORY. Bulletin]. Leningrad, vol. 22, no. no. 2(167), 1961.

REFERATIVNYI ZHURNAL: ASTRONOMIIA I GEODEZIIA [JOURNAL OF ABSTRACTS: ASTRONOMY AND GEODESY]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U. S. S. R.]. Moscow, no. 11, 1962. Avtorskii ukazatel' za 1961g. [Author Index for 1961]

c BIOLOGY

AKADEMIIA NAUK ARMIANSKOI SSR, Erivan. Izvestiia. Biologicheskie nauki [ACADEMY OF SCIENCES OF THE ARMENIAN S. S. R. Bulletin. Biological Sciences]. Erivan, vol. 15, no. 7, July 1962.

AKADEMIIA NAUK AZERBAIDZHANSKOI SSR, Baku. Institut zoologii. Entomologicheskii sbornik [ACADEMY OF SCIENCES OF THE AZERBAIJAN S. S. R. Institute of Zoology. Entomological Papers]. Baku, no. 1, 1962.

AKADEMIIA NAUK KAZAKHSKOI SSR, Alma-Ata. Institut zoologii. Trudy [ACADEMY OF SCIENCES OF THE KAZAKH S. S. R. Institute of Zoology. Transactions]. Alma-Ata, vol. 16, 1962.

AKADEMIIA NAUK KIRGIZSKOI SSR, Frunze. Izvestiia. Seriia biologicheskikh nauk [ACADEMY OF SCIENCES OF THE KIRGHIZ S. S. R. Bulletin. Series in Biological Sciences]. Frunze, vol. 4, no. 1, 1962.

AKADEMIIA NAUK SSSR. Izvestiia. Seriia biologicheskaia [ACADEMY OF SCIENCES OF THE U. S. S. R. Bulletin. Biological Series]. Moscow, no. 5, Sep. - Oct. 1962.

AKADEMIIA NAUK SSSR. Botanicheskii institut. Otdel sporovykh rastenii. Botanicheskie materialy [ACADEMY OF SCIENCES OF THE U. S. S. R. Botanical Institute. Section of Cryptogamic Plants. Botanical Materials]. Moscow, vol. 15, Jan. 1962.

AKADEMIIA NAUK SSSR. Zoologicheskii institut. Trudy [ACADEMY OF SCIENCES OF THE U. S. S. R. Zoological Institute. Transactions]. Moscow, vol. 30, 1962.

BOTANICHESKII ZHURNAL [BOTANICAL JOURNAL]. Organ of Vsesoiuznoe botanicheskoe obshchestvo [All-Union Botanical Society]. Moscow, vol. 47, no. 8, Aug. 1962.

*ENTOMOLOGICHESKOE OBOZRENIE [ENTOMOLOGICAL REVIEW]. Organ of Vsesoiuznoe entomologicheskoe obshchestvo [All-Union Entomological Society]. Leningrad, vol. 41, no. 3, 1962.

*FIZIOLOGIIA RASTENII [PHYSIOLOGY OF PLANTS]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U. S. S. R.]. Moscow, vol. 9, no. 5, 1962.

FRUNZE. UNIVERSITET. Biologo-pochvennyi fakul'tet. Uchenye zapiski [UNIVERSITY. Faculty of Biology and Soils. Studies]. No 7, 1958.

LATVIJAS PADOMJU SOCIALISTISKAS REPUBLIKAS ZINATNU AKADEMIJA. Bioloģijas institūts. Trudy Instituta biologii Akademii nauk Latviiskoi SSR [ACADEMY OF SCIENCES OF THE LATVIAN S. S. R. Institute of Biology. Transactions]. Riga, vol. 19, 1961. Rybnoe khoziaistvo vnutrennikh vodoemov Latviiskoi SSR [Fisheries of the Inland Waters of the Latvian S. S. R.], vol 6

MICHURINSK. TSENTRAL'NAIA GENETICHESKAIA LABORATORIIA IMENI I. V. MICHURINA. Trudy [I. V. MICHURIN CENTRAL LABORATORY OF GENETICS. Transactions]. Vol. 7, 1961.

MOSKOVSKOE OBSHCHESTVO ISPYTATELEI PRIRODY. Biulleten'. Otdel biologicheskii [MOSCOW NATURALISTS' SOCIETY. Bulletin. Biological Section]. Moscow, new series, vol. 67, nos. 4-5, July-Oct. 1962.

REFERATIVNYI ZHURNAL. BIOLOGIIA [JOURNAL OF ABSTRACTS: BIOLOGY]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U. S. S. R.]. Moscow, nos. 21-22, Nov 1962

REFERATIVNYI ZHURNAL: KHIMIIA, BIOLOGICHESKAIA KHIMIIA [JOURNAL OF ABSTRACTS: CHEMISTRY, BIOLOGICAL CHEMISTRY]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U. S. S. R.]. Moscow, nos. 20-21, Oct. -Nov. 1962.

RUSSIA (1923- U. S. S. R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. [Nauchnye doklady vysshei shkoly; biologicheskie nauki [Ministry of Higher and Secondary Specialized Education. Research Papers of Higher Schools; Biological Sciences]. Moscow, no. 4, 1962.

VOPROSY IKHTIOLOGII [PROBLEMS IN ICHTHYOLOGY]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U. S. S. R.]. Moscow, vol. 2, no. 3(24), 1962.

VOPROSY PITANIIA [PROBLEMS OF NUTRITION]. Issued by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U. S. S. R.]. Moscow, vol. 21, no. 3, May-June 1962.

ZOOLOGICHESKII SBORNIK [ZOOLOGICAL REVIEW]. Issued by Zoologicheskii institut Akademii nauk Armianskoi SSR [Zoological Institute of the Academy of Sciences of the Armenian S. S. R.]. Erivan, no. 12, 1962.

d. CHEMISTRY

*AKADEMIIA NAUK SSSR. Izvestiia. Otdelenie khimicheskikh nauk [ACADEMY OF SCIENCES OF THE U. S. S. R. Bulletin. Department of Chemical Sciences]. Moscow, nos. 9-10, Sep. -Oct. 1962.

KHIMIIA V SHKOLE [CHEMISTRY IN SCHOOLS]. Issued by Ministerstvo prosveshcheniia RSFSR [Ministry of Education of the R. S. F. S. R.]. Moscow, vol. 17, no. 4, July-Aug. 1962.

MOSCOW. VSESOIUZNAIA GOSUDARSTVENNAIA BIBLIOTEKA INOSTRANNOI LITERATURY. Khimiia; sistematicheskii ukazatel' statei v inostrannykh zhurnalakh [ALL-UNION STATE LIBRARY OF FOREIGN LITERATURE. Chemistry; Classed Index of Articles in Foreign Periodicals]. No. 9(109), 1962.

RADIOKHIMIIA [RADIOCHEMISTRY]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U. S. S. R.]. Moscow, vol. 4, no. 3, 1962.

REFERATIVNYI ZHURNAL: KHIMIIA [JOURNAL OF ABSTRACTS: CHEMISTRY]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U. S. S. R.]. Moscow, nos. 19-21, Oct. -Nov. 1962. Avtorskii ukazatel' za 1961 g. [Author Index for 1961] A-G, vol. 2.

UKRAINSKII KHIMICHESKII ZHURNAL [UKRAINIAN CHEMICAL JOURNAL]. Issued by Akademiia nauk URSR [Academy of Sciences of the Ukrainian S. S. R.]. Kiev, vol. 28, nos. 3, 5-6, 1962.

VSESOIUZNOE KHIMICHESKOE OBSHCHESTVO IMENI D. I. MENDELEEVA. Zhurnal [D. I. MENDELEEV ALL-UNION CHEMICAL SOCIETY. Journal]. Moscow, vol. 7, no. 5, 1962.

*ZHURNAL NEORGANICHESKOI KHIMII [JOURNAL OF INORGANIC CHEMISTRY]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U. S. S. R.] Moscow, vol. 7, no. 10, Oct. 1962.

e. MATHEMATICS

AKADEMIIA NAUK SSSR. Izvestiia. Seriia matematicheskaia [ACADEMY OF SCIENCES OF THE U. S. S. R. Bulletin. Mathematical Series]. Moscow, vol. 26, no. 5, Sep. -Oct. 1962.

MOSKOVSKOE MATEMATICHESKOE OBSHCHESTVO. Trudy [MOSCOW MATHEMATICAL SOCIETY. Transactions] Moscow, vol. 11, 1962

REFERATIVNYI ZHURNAL: MATEMATIKA [JOURNAL OF ABSTRACTS: MATHEMATICS] Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U. S. S. R.] Moscow, sistematicheskii i predmetnyi ukazateli za 1961 [Indexes for 1961]

RUSSIA (1923- U. S. S. R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii; matematika [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning, Mathematics]. Moscow, no. 4(29), 1962.

f. PHYSICS

*AKADEMIIA NAUK SSSR. Izvestiia. Seriia fizicheskaia [ACADEMY OF SCIENCES OF THE U. S. S. R. Bulletin. Physical Series]. Moscow, vol. 26, no. 10, Oct. 1962.

AKADEMIIA NAUK SSSR. Institut fiziki Zemli. Trudy [ACADEMY OF SCIENCES OF THE U. S. S. R. Institute of Physics of the Earth. Transactions]. Moscow, no. 22(189), 1962. Voprosy inzhenernoi seismologii [Problems of Engineering Seismology], no. 7

CHEKHOSLOVATSKII FIZICHESKII ZHURNAL. CZECHOSLOVAK JOURNAL OF PHYSICS. Issued by Chekhoslovatskaia akademiia nauk [Czechoslovak Academy of Sciences]. Prague, vol. 12, no. 11, 1962.

*FIZIKA TVERDOGO TELA [SOLID STATE PHYSICS]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U. S. S. R.]. Moscow, vol. 4, no. 4, Apr. 1962.

FIZIKA V SHKOLE [PHYSICS IN SCHOOLS]. Organ of Ministerstvo prosveshcheniia RSFSR [Ministry of Education of the R. S. F. S. R.]. Moscow, vol. 22, no. 4, July-Aug. 1962.

GEOMAGNETIZM I AERONOMIIA [GEOMAGNETISM AND AERONOMY]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U. S. S. R.]. Moscow, vol. 2, nos. 4-5, July-Oct. 1962.

KIEV. UNIVERSYTET. Sbornik rabot po mezhdunarodnomu geofizicheskomu godu [UNIVERSITY. Papers on the International Geophysical Year]. No. 1, 1961.

MOSCOW. UNIVERSITET. Vestnik. Seriia 3: Fizika, astronomiia [UNIVERSITY. Review, Series 3: Physics, Astronomy]. Vol. 17, no. 5, Sep. -Oct. 1962.

REFERATIVNYI ZHURNAL: FIZIKA [JOURNAL OF ABSTRACTS: PHYSICS]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U. S. S. R.]. Moscow, predmetnyi ukazatel' za 1961 [Subject index for 1961.]

REFERATIVNYI ZHURNAL: GEOFIZIKA [JOURNAL OF ABSTRACTS: GEOPHYSICS]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U. S. S. R.]. Moscow, no. 11, Nov. 1962.

RUSSIA (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii; fizika [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning, Physics]. Moscow, vol. 3, 1962.

*RUSSIA (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii, radiofizika [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Radio Physics]. Moscow, vol. 5, no. 5, 1962.

TASHKENT. GIDROMETEOROLOGICHESKAIA OBSERVATORIIA. Sbornik rabot [HYDROMETEOROLOGICAL OBSERVATORY. Papers] No 1, 1961.

VOPROSY DINAMIKI I PROCHNOSTI [PROBLEMS OF DYNAMICS AND STRENGTH]. Issued by Institut avtomatiki i mekhaniki Akademii nauk Latviiskoi SSR [Institute of Automatic Control and Mechanics of the Academy of Sciences of the Latvian S.S.R.]. Riga, no 9, 1962.

*ZHURNAL EKSPERIMENTAL'NOI I TEORETICHESKOI FIZIKI [JOURNAL OF EXPERIMENTAL AND THEORETICAL PHYSICS]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 43, no. 3(9), 1962.

14. MEDICINE

a GENERAL

AKADEMIIA MEDITSINSKIKH NAUK SSSR, Moscow. Vestnik [ACADEMY OF MEDICAL SCIENCES OF THE U.S.S.R. Journal]. Moscow, vol. 17, nos. 5, 7, 1962.

*BIULLETEN' EKSPERIMENTAL'NOI BIOLOGII I MEDITSINY [BULLETIN OF EXPERIMENTAL BIOLOGY AND MEDICINE]. Issued by Akademiia meditsinskikh nauk SSSR [Academy of Medical Sciences of the U.S.S.R.]. Moscow, vol. 53, no. 6, June 1962.

GEOGRAFICHESKOE OBSHCHESTVO SSSR. Komissiia meditsinskoi geografii. Materialy [GEOGRAPHICAL SOCIETY OF THE U.S.S.R. Committee on Medical Geography. Materials]. Leningrad, no. I, 1961.

KHABAROVSK. MEDITSINSKII INSTITUT Trudy [MEDICAL INSTITUTE. Transactions] No 20, 1960.
(DNLM)

* MEDITSINSKII REFERATIVNYI ZHURNAL [MEDICAL ABSTRACTS]. Issued by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U.S.S.R.]. Moscow, Razdel [Section] 1, vol. 6, no. 11, Nov. 1962. Razdel [Section] 2, vol. 6, nos 10-11, Oct.-Nov. 1962. Razdel [Section] 5, vol. 6, no. 11, Nov. 1962 Razdel [Section] 6, vol. 6, no. 11, Nov. 1962. Razdel [Section] 10, vol. 6, no. 11, Nov. 1962.

NOUKOGUDE EESTI TERVISHOID [HEALTH SERVICE OF SOVIET ESTONIA]. Organ of Eesti NSV Tervishoiu Ministeerium [Ministry of Health of the Estonian S.S.R.]. Tallinn, vol. 5, no. 5, Sep.-Oct. 1962. [In Estonian]

REFERATIVNYI ZHURNAL. OTDEL'NYI VYPUSK 36 MEDITSINSKAIA GEOGRAFIIA [JOURNAL OF ABSTRACTS. SEPARATE ISSUE 36: MEDICAL GEOGRAPHY]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 11, Nov. 1962.

SBORNIK RABOT PO SILIKOZU [COLLECTED PAPERS ON SILICOSIS] Issued by Ural'skaia komissiia po bor'be s silikozom [Ural Commission for the Prevention of Silicosis]. No. 3, 1961.

SOVETSKAIA MEDITSINA [SOVIET MEDICINE]. Organ of Ministerstvo zdravookhraneniia RSFSR [Ministry of Health of the R.S.F.S.R.]. Moscow, vol. 26, no. 8, Aug. 1962.

SOVETSKOE ZDRAVOOKHRANENIE [SOVIET HEALTH SERVICE]. Issued by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U.S.S.R.]. Moscow, vol. 21, no. 10, 1962.

SOVETSKOE ZDRAVOOKHRANENIE KIRGIZII [SOVIET HEALTH SERVICE OF KIRGHIZIA]. Issued by Ministerstvo zdravookhraneniia Kirgizskoi SSR [Ministry of Health of the Kirghiz S.S.R.]. Frunze, no. 5, Sep.-Oct. 1962.

SVEIKATOS APSAUGA [HEALTH SERVICE]. Issued by LTSR Sveikatos apsaugos ministerija [Ministry of Health of the Lithuanian S.S.R.]. Vilnius, vol. 7, no 10(82), Oct. 1962. [In Lithuanian]
(DNLM)

*VOENNO-MEDITSINSKII ZHURNAL [JOURNAL OF MILITARY MEDICINE]. Issued by Voenno-meditsinskoe upravlenie Ministerstva oborony SSSR [Military Medicine Administration of the Ministry of Defense of the U.S.S.R.]. Moscow, no. 9, Sep. 1961.

VRACHEBNOE DELO [MEDICAL PRACTICE]. Organ of Ministerstvo zdravookhraneniia USSR [Ministry of Health of the Ukrainian S.S.R.]. Kiev, no. 10, Oct. 1962.

ZDOROV'E [HEALTH]. Issued by Ministerstvo zdravookhraneniia SSSR i RSFSR [Ministries of Health of the U.S.S.R. and the R.S.F.S.R.]. Moscow, vol. 8, nos. 10(94)-11(95), Oct.-Nov. 1962.

ZDRAVOOKHRANENIE BELORUSSII [HEALTH SERVICE OF WHITE RUSSIA]. Organ of Ministerstvo zdravookhraneniia BSSR [Ministry of Health of the White Russian S.S.R.]. Minsk, vol. 8, no. 5, May 1962.

ZDRAVOOKHRANENIE ROSSIISKOI FEDERATSII [HEALTH SERVICE OF THE RUSSIAN FEDERATION]. Issued by Ministerstvo zdravookhraneniia RSFSR [Ministry of Health of the R.S.F.S.R.]. Moscow, vol. 6, no. 9, Sep. 1962.

*ZHURNAL MIKROBIOLOGII, EPIDEMIOLOGII I IMMUNOBIOLOGII [JOURNAL OF MICROBIOLOGY, EPIDEMIOLOGY, AND IMMUNOBIOLOGY]. Issued by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U.S.S.R.]. Moscow, vol. 33, no. 4, Apr. 1962.

b GYNECOLOGY, OBSTETRICS & PEDIATRICS

PEDIATRIIA [PEDIATRICS]. Published by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U.S.S.R.]. Moscow, no. 8, 1962.
(DNLM)

c NEUROLOGY & PSYCHIATRY

K IZUCHENIIU ROLI NERVNOI SISTEMY V PATOGENEZE, IMMUNOGENEZE I LECHENII TUBERKULEZA [STUDY OF THE ROLE OF THE NERVOUS SYSTEM IN THE PATHOGENESIS, IMMUNOGENESIS, AND TREATMENT OF TUBERCULOSIS]. Issued by Leningradskii gosudarstvennyi nauchno-issledovatel'skii institut tuberkuleza [Leningrad State Scientific Research Institute of Tuberculosis]. Leningrad, no. 2, 1961.
(DNLM)

MOSCOW. GOSUDARSTVENNYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT PSIKHIATRII. Trudy [STATE SCIENTIFIC RESEARCH INSTITUTE OF PSYCHIATRY. Transactions]. Moscow, vol. 27, 1961.

e PATHOLOGY & THERAPEUTICS

PYATIGORSK. GOSUDARSTVENNYI NAUCHNO-ISSLEDOVATEL'SKII BAL'NEOLOGICHESKII INSTITUT. Uchenye zapiski [STATE SCIENTIFIC RESEARCH BALNEOLOGICAL INSTITUTE. Studies] Vol. 3(31), 1960.
(DNLM)

VOPROSY ELEKTROPATOLOGII I ELEKTROTRAVMATIZMA [PROBLEMS OF ELECTROPATHOLOGY AND ELECTROTRAUMATISM]. Issued by Institut kraevoi meditsiny Akademii nauk Kirgizskoi SSR [Institute of Endemic Medicine of the Academy of Sciences of the Kirghiz S.S.R.]. Frunze, vol. 1, 1961.

f. PHARMACY & MATERIA MEDICA

AKADEMIIA MEDITSINSKIKH NAUK SSSR, Moscow. Institut farmakologii i khimioterapii. Uchenye zapiski [ACADEMY OF MEDICAL SCIENCES OF THE U.S.S.R. Institute of Pharmacology and Chemotherapy. Studies]. Moscow, vol. 2, 1960. Novye dannye po farmakologii koronarnogo krovoobrashcheniia [New Data on the Pharmacology of Coronary Circulation]

LENINGRAD. KHIMIKO-FARMATSEVTICHESKII INSTITUT. Trudy [PHARMACEUTICAL CHEMISTRY INSTITUTE. Transactions]. No. 13, 1961

h SURGERY & DENTISTRY

GRUDNAIA KHIRURGIIA [THORACIC SURGERY]. Issued by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U.S.S.R.]. Moscow, no. 4, July-Aug. 1962.
(DNLM)

KHIRURGIIA [SURGERY]. Published by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U.S.S.R.]. Moscow, no. 9, 1962.
(DNLM)

ODESSA NAUCHNO-ISSLEDOVATEL'SKII INSTITUT STOMATOLOGII Trudy [SCIENTIFIC RESEARCH INSTITUTE OF STOMATOLOGY. Transactions]. No 10, 1962.
(DNLM)

VESTNIK KHIRURGII [REVIEW OF SURGERY]. Issued by Khirurgicheskoe obshchestvo Pirogova [Pirogov Surgical Society]. Leningrad, vol. 89, no. 8, Aug. 1962.
(DNLM)

15. AGRICULTURE

a. GENERAL

AGRIKULTURA SHI VITERITUL MOLDOVEI [AGRICULTURE AND ANIMAL HUSBANDRY OF MOLDAVIA]. Kishinev, vol. 7, no. 10, Oct. 1962. [In Moldavian]
(DNAL)

AGROBIOLOGIIA [AGROBIOLOGY] Issued by Vsesoiuznaia akademiia sel'skokhoziaistvennykh nauk imeni V.I. Lenina [All-Union Lenin Academy of Agricultural Sciences]. Moscow, no. 3(135), May-June 1962.

AKADEMIIA NAUK KAZAKHSKOI SSR, Alma-Ata. Institut pochvovedeniia. Trudy [ACADEMY OF SCIENCES OF THE KAZAKH S.S.R. Institute of Soil Science. Transactions]. Alma-Ata, vol. 13, 1962.

[illegible]

AUGSNE UN RAZA. POCHVA I UROZHAI [SOILS AND CROPS]. Issued by Latvijas zinatniski petnieciskais zemkopibas instituts. Latviiskii nauchno-issledovatel'skii institut zemledeliia [Latvian Scientific Research Institute of Agriculture]. Riga, vol. 11, 1961
(DNAL)

EKONOMIKA SEL'SKOGO KHOZIAISTVA [ECONOMICS OF AGRICULTURE]. Issued by Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U.S.S.R.]. Moscow, vol. 33, nos. 8-9, Aug.-Sep. 1962.

FEDCHENKO, FEDCHENKOVSKAIA MELIORATIVNAIA OPYTNAIA STANTSIIA. Trudy [FEDCHENKO LAND IMPROVEMENT EXPERIMENT STATION. Transactions]. No. 2, 1961.

KOLHOSPNYK UKRAINY [COLLECTIVE FARMER OF THE UKRAINE]. Issued by Ministerstvo sil's'koho hospodarstva URSR [Ministry of Agriculture of the Ukrainian S.S.R.]. Kiev, no. 11, 1962.

KYRGYZSTANDYN AIYL CHARBASY [AGRICULTURE OF KIRGHIZISTAN]. Issued by the Ministry of Agriculture of the Kirghiz S.S.R. Frunze, no. 10, Oct. 1962. [In Kirghiz]

MEZHDUNARODNYI SEL'SKOKHOZIAISTVENNYI ZHURNAL [INTERNATIONAL AGRICULTURAL JOURNAL]. Issued by Postoiannaia komissiia Soveta ekonomicheskoi vzaimopomoshchi po ekonomicheskomu i nauchno-tekhnicheskomu sotrudnichestvu v oblasti sel'skogo khoziaistva [Permanent Committee of the Council for Mutual Economic Assistance on Economic, Scientific, and Technical Cooperation in Agriculture]. Sofia-Moscow, vol. 5, no. 6, 1962.

*POCHVOVEDENIE [SOIL SCIENCE]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, no. 7, July 1962.

SEL'SKAIA HASPADARKA BELARUSI [AGRICULTURE OF WHITE RUSSIA]. Issued by Ministerstvo sel'skai haspadarki Belaruskai SSR [Ministry of Agriculture of the White Russian S.S.R.]. Minsk, vol. 10, no. 10 (118), Oct. 1962.

SEL'SKOE KHOZIAISTVO BELORUSSII [AGRICULTURE OF WHITE RUSSIA] Issued by Ministerstvo proizvodstva i zagotovok sel'skokhoziaistvennykh produktov Belorusskoi SSR [Ministry of the Production and Procurement of Agricultural Products of the White Russian S. S. R.] Minsk, vol. 10, no. 10(118), Oct 1962.

SEL'SKOE KHOZIAISTVO KAZAKHSTANA [AGRICULTURE OF KAZAKHSTAN]. Issued by TSentral'nyi Komitet Kommunisticheskoi partii Kazakhstana [Central Committee of the Communist Party of Kazakhstan]. Alma-Ata, vol. 11, no 11, Nov. 1962.

SEL'SKOE KHOZIAISTVO KIRGIZII [AGRICULTURL OF KIRGHIZIA]. Issued by Ministerstvo sel'skogo khoziaistva Kirgizskoi SSR [Ministry of Agriculture of the Kirghiz S. S. R.]. Frunze, vol. 8, no 10, Oct. 1962

SEL'SKOE KHOZIAISTVO POVOLZH'IA [AGRICULTURE OF THE VOLGA VALLEY]. Organ of Ministerstvo sel'skogo khoziaistva RSFSR [Ministry of Agriculture of the R S F S. R.]. Saratov, vol. 8, nos 10-11, Oct.-Nov 1962.

SEL'SKOE KHOZIAISTVO SEVERNOGO KAVKAZA [AGRICULTURE OF THE NORTHERN CAUCASUS]. Organ of Ministerstvo sel'skogo khoziaistva RSFSR [Ministry of Agriculture of the R S F S R.]. Krasnodar, vol. 5, no. 11, Nov. 1962.

SEL'SKOE KHOZIAISTVO TADZHIKISTANA [AGRICULTURE OF TAJIKISTAN] Organ of Ministerstvo sel'skogo khoziaistva Tadzhikskoi SSR [Ministry of Agriculture of the Tajik S S R]. Dushanbe, vol. 16, no 11, Nov. 1962.

SEL'SKOE KHOZIAISTVO TURKMENISTANA [AGRICULTURE OF TURKMENISTAN] Issued by Ministerstvo sel'skogo khoziaistva Turkmenskoi SSR [Ministry of Agriculture of the Turkmen S. S. R.]. Ashkhabad, vol. 6, no 5, Sep.-Oct. 1962.

SEL'SKOKHOZIAISTVENNAIA LITERATURA CHEKHOSLOVAKII [AGRICULTURAL LITERATURE OF CZECHOSLOVAKIA]. Issued by Chekhoslovatskaia akademiia sel'skokhoziaistvennykh nauk and Institut nauchno-tekhnicheskoi informatsii [Czechoslovak Academy of Agricultural Sciences and the Institute of Scientific and Technical Information]. Prague, no. 1/2, 1961

SOTSIALISTLIK POLLUMAJANDUS [SOCIALIST AGRICULTURE]. Issued by Eesti NSV Pollumajandussaaduste Tootmise ja Varumise Ministeerium [Ministry of the Production and Procurement of Agricultural Products of the Estonian S. S. R.]. Tallinn, vol. 17, no. 21, Nov. 1962 [In Estonian]

SOVKHOZNOE PROIZVODSTVO [STATE FARM PRODUCTION]. Organ of Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U. S. S. R.]. Moscow, nos. 10-11, Oct.-Nov 1962.

TEKHNIKA V SEL'SKOM KHOZIAISTVE [MACHINERY IN AGRICULTURE]. Issued by Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U. S. S. R.] Moscow, vol. 22, no. 8, Aug. 1962.

ÚZBEKISTON KISHILOK KHÚZHALIGI [AGRICULTURE OF UZBEKISTAN]. Organ of Ministerstvo sel'skogo khoziaistva Uzbekskoi SSR [Ministry of Agriculture of the Uzbek S. S. R.] Tashkent, vol. 20, no. 11, Nov. 1962. [In Uzbek]

VESTNIK SEL'SKOHOZIAISTVENNOI NAUKI [REVIEW OF AGRICULTURAL SCIENCE]. Issued by Ministerstvo sel'skogo khoziaistva Kazakhskoi SSR [Ministry of Agriculture of the Kazakh S. S. R.]. Alma-Ata, vol. 5, nos. 8-10, July, Sep.-Oct. 1962. (DNAL)

VISNYK SIL'S'KOHOSPODARS'KOI NAUKY [REVIEW OF AGRICULTURAL SCIENCE]. Issued by Ministerstvo sil's'koho hospodarstva Ukrains'koi RSR [Ministry of Agricultural Sciences of the Ukrainian S. S. R.]. Kiev, vol. 5, no. 9, Sep. 1962.

ZA SOTSIALISTICHESKUIU SEL'SKOKHOZIAISTVENNUIU NAUKU [FOR SOCIALIST AGRICULTURAL SCIENCE]. Issued by Chekhoslovatskaia akademiia sel'skokhoziaistvennykh nauk [Czechoslovak Academy of Agricultural Sciences]. Prague, vol. 9, nos. 2-6, 1960.

ZEMLEDELIE I ZHIVOTNOVODSTVO MOLDAVII [AGRICULTURE AND ANIMAL HUSBANDRY OF MOLDAVIA]. Issued by Ministerstvo sel'skogo khoziaistva Moldavskoi SSR [Ministry of Agriculture of the Moldavian S. S. R.]. Kishinev, vol. 7, nos. 9-10, Sep.-Oct. 1962.

b. ANIMAL INDUSTRY

KONEVODSTVO I KONNYI SPORT [HORSE BREEDING AND EQUINE SPORTS]. Organ of Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U S S R]. Moscow, vol. 30, no 12(105), Dec 1960, vol 32, no. 10(107), Oct 1962 (DNAL)

MINSK NAUCHNO-ISSLEDOVATEL'SKII VETERINARNYI INSTITUT Trudy [VETERINARY RESEARCH INSTITUTE. Transactions] Vol 1, 1960 (DNAL)

MOLOCHNAIA PROMYSHLENNOST' [DAIRY INDUSTRY] Issued by Gosudarstvennyi komitet Soveta Ministrov SSSR po koordinatsii nauchno-issledovatel'skikh rabot and TSentral'noe pravlenie Nauchno-tekhnicheskogo obshchestva pishchevoi promyshlennosti [State Committee of the Council of Ministers of the U S S R on the Coordination of Research and the Central Administration of the Scientific Technological Society of the Food Industry]. Moscow, vol 23, no. 10, Oct. 1962

MOLOCHNOE I MIASNOE SKOTOVODSTVO [DAIRY AND BEEF CATTLE BREEDING]. Issued by Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U S S R]. Moscow, vol. 7, no. 11, Nov 1962. (DNAL)

MOSCOW. VSESOIUZNYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT MORSKOGO RYBNOGO KHOZIAISTVA I OKEANOGRAFII Trudy [ALL-UNION SCIENTIFIC RESEARCH INSTITUTE OF MARINE FISHERIES AND OCEANOGRAPHY. Transactions]. Vol. 46, 1962.

OKHOTA I OKHOTNICHE KHOZIAISTVO [HUNTING AND GAME MANAGEMENT] Issued by Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U. S. S. R.]. Moscow, vol. 8, nos 11-12, Nov.-Dec. 1962.

PCHELOVODSTVO [APICULTURE]. Issued by Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U. S S R]. Moscow, vol. 39, no. 11, Nov. 1962 (DNAL)

SEL'SKOE KHOZIAISTVO ZA RUBEZHOM: ZHIVOTNOVODSTVO [AGRICULTURE ABROAD ANIMAL HUSBANDRY]. Issued by Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U. S. S. R]. Moscow, vol. 8, no 10, 1962 (DNAL)

SOTSIALISTYCHNE TVARYNNYTSTVO [SOCIALIST ANIMAL HUSBANDRY]. Organ of Ministerstvo sil's'koho hospodarstva URSR [Ministry of Agriculture of the Ukrainian S. S R]. Kiev, vol. 34, nos. 10-11, Oct.-Nov. 1962. (DNAL)

SVINOVODSTVO [SWINE BREEDING]. Issued by Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U. S. S. R.]. Moscow, vol. 16, no. 10, Oct. 1962. (DNAL)

c. FORESTRY

AKADEMIIA NAUK SSSR, Sibirskoe otdelenie Institut lesa i drevesiny. Trudy [ACADEMY OF SCIENCES OF THE U. S. S. R. Siberian Department, Institute of Forest and Wood. Transactions]. Krasnoyarsk, vol. 54, 1962.

LESNOE KHOZIAISTVO [FORESTRY]. Issued by Gosudarstvennyi komitet Soveta Ministrov SSSR po lesnoi, tsellulozno-bumazhnoi, derevoobrabatyvaiushchei promyshlennosti i lesnomu khoziaistvu [State Committee of the Council of Ministers of the U S.S.R for Forest, Woodpulp, Paper, and Woodworking Industries and Forestry]. Moscow, vol. 15, no. 6, June 1962.

MUSU GIRIOS [OUR FORESTS]. Issued by Lietuvos TSR Misku ukio ir misko pramones ministerija and Gamtos apsaugos komitetas prie Lietuvos TSR Ministru Tarybos [Ministry of Forestry and Lumbering of the Lithuanian S. S. R. and the Committee on Conservation, Attached to the Council of Ministers of the Lithuanian S. S. R.]. Vilnius, no. 11(172), Nov. 1962. [In Lithuanian]

d. PLANT CULTURE

GLUKHOV. VSESOIUZNYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT LUBIANYKH KUL'TUR. Trudy [ALL-UNION SCIENTIFIC RESEARCH INSTITUTE OF BAST FIBER CROPS. Transactions]. no. 24, 1959.

KARTOFEL' I OVOSHCHI [POTATOES AND VEGETABLES] Issued by Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U S S R]. Moscow, vol 5, no. 12, Dec. 1960, vol 7, no. 11, Nov. 1962 (DNAL)

KAZAKHSKAIA AKADEMIIA SEL'SKOKHOZIAISTVENNYKH NAUK Institut plodovodstva i vinogradarstva Trudy [KAZAKH ACADEMY OF AGRICULTURAL SCIENCES. Institute of Fruit Culture and Viticulture. Transactions]. Alma-Ata, vol. 1, pt. 2, 1961. (DNAL)

KISHINEV. MOLDAVSKII NAUCHNO-ISSLEDOVATEL'SKII INSTITUT SADOVODSTVA, VINOGRADARSTVA I VINODELIIA. Trudy [MOLDAVIAN SCIENTIFIC RESEARCH INSTITUTE OF FRUIT CULTURE, VITICULTURE, AND WINE MAKING Transactions] Vol 6, 1960

LEN I KONOPLIA [FLAX AND HEMP]. Issued by Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U. S S. R.] Moscow, vol 7, no 11, Nov 1962 (DNAL)

SADOVODSTVO, VINOGRADARSTVO I VINODELIE MOLDAVII [FRUIT CULTURE, VITICULTURE, AND WINE MAKING IN MOLDAVIA] Organ of Sovet narodnogo khoziaistva and Ministerstvo proizvodstva i zagotovok sel'skokhoziaistvennykh produktov Moldavskoi SSR [Economic Council and the Ministry of the Production and Procurement of Agricultural Products of the Moldavian S S R]. Kishinev, vol. 17, no 11(115), Nov. 1962. (DNAL)

SAKHARNAIA SVEKLA [SUGAR BEETS]. Issued by Ministerstvo sel-skogo khoziaistva SSSR [Ministry of Agriculture of the U. S S. R.] Moscow, vol. 7, nos 9-11 Sep.-Nov 1962. (DNAL)

SEL'SKOE KHOZIAISTVO ZA RUBEZHOM RASTENIEVODSTVO [AGRICULTURE ABROAD PLANT CULTURE] Issued by Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U. S S R.]. Moscow, vol 8, no. 10, 1962. (DNAL)

TSVETOVODSTVO [FLORICULTURE]. Issued by Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U. S. S. R.]. Moscow, vol. 5, no. 10, 1962. (DNAL)

VINODELIE I VINOGRADARSTVO SSSR [VITICULTURE AND WINE MAKING IN THE U S S R.]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po koordinatsii nauchno-issledovatel'skikh rabot and TSentral'noe pravlenie Nauchno-tekhnicheskogo obshchestva pishchevoi promyshlennosti [State Committee of the Council of Ministers of the U. S. S. R. on the Coordination of Research and the Central Administration of the Scientific Technological Society of the Food Industry]. Moscow, vol. 22, no. 7(214), 1962.

ZEMLEDELIE [AGRICULTURE]. Issued by Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U. S. S. R.]. Moscow, vol. 24, no. 9, Sep. 1962.

16. TECHNOLOGY

a. GENERAL

AKADEMIIA NAUK UZBEKSKOI SSR, Tashkent Izvestiia. Seriia tekhnicheskikh nauk [ACADEMY OF SCIENCES OF THE UZBEK S. S. R. Bulletin. Series in the Technical Sciences]. Tashkent, vol. 6, no. 5, 1962.

*BIULLETEN' IZOBRETENII [BULLETIN ON INVENTIONS]. Issued by Komitet po delam izobretenii i otkrytii pri Sovete Ministrov SSSR [Committee on Inventions and Discoveries, Attached to the Council of Ministers of the U.S S. R.] Moscow, vol. 38, no. 19, 1962.

INFORMATSIONNYI UKAZATEL' STANDARTOV [INFORMATION INDEX OF STANDARDS]. Published by Gosudarstvennoe izdatel'stvo po standartizatsii [State Publishing House on Standardization]. Moscow, no. 9, 1962.

IUNYI TEKHNIK [YOUNG TECHNICIAN]. Issued by TsK VLKSM and TSentral'nyi Sovet pionerskoi organizatsii imeni V. I. Lenina [Central Committee of the All-Union Communist Youth League of Lenin and the Central Council of the Lenin Pioneers]. Moscow, vol. 7, no. 10, Oct. 1962.

*IZMERITEL'NAIA TEKHNIKA [MEASUREMENT TECHNIQUES]. Issued by Komitet standartov, mer i izmeritel'nykh priborov pri Sovete Ministrov SSSR [Committee of Standards, Measures, and Measuring Instruments, Attached to the Council of Ministers of the U.S.S.R.]. Moscow, no. 10, Oct 1962.

MOKSLAS IR TECHNIKA [SCIENCE AND TECHNOLOGY]. Issued by Lietuvos TSR Ministru Tarybos Valstybinis mokslinio tyrimo darbu koordinavimo komitetas [State Committee of the Council of Ministers of the Lithuanian S S R on the Coordination of Research] and others. Kaunas, no. 10, Oct 1962 [In Lithuanian]

MOSCOW. GOSUDARSTVENNYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT NAUCHNOI I TEKHNICHESKOI INFORMATSII. Biulleten' tekhniko-ekonomicheskoi informatsii [STATE SCIENTIFIC RESEARCH INSTITUTE OF TECHNICAL AND ECONOMIC INFORMATION. Bulletin of Technical and Economic Information]. No. 10, 1962.

NAUKA I TEKHNIKA [SCIENCE AND TECHNOLOGY]. Issued by Nauchno-tekhnicheskii komitet Soveta Ministrov Latviiskoi SSR [Scientific and Technical Committee of the Council of Ministers of the Latvian S. S R.] and others. Riga, no. 10(27), Oct. 1962.

PROFESSIONAL'NO-TEKHNICHESKOE OBRAZOVANIE [VOCATIONAL TECHNICAL EDUCATION]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po professional'no-tekhnicheskomu obrazovaniiu [State Committee of the Council of Ministers of the U. S. S. R. for Vocational Technical Education]. Moscow, vol. 10, no. 9(208), Sep. 1962.

REFERATIVNYI ZHURNAL, OTDEL'NYI VYPUSK 32: IZMERITEL'NAIA TEKHNIKA [JOURNAL OF ABSTRACTS SEPARATE ISSUE 32: MEASUREMENT TECHNIQUES]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U. S. S R.]. Moscow, no. 21, Nov. 1962.

RUSSIA (1923- U. S. S. R.) Komitet standartov, mer i izmeritel'nykh priborov. Trudy Institutov Komiteta [Committee of Standards, Measures, and Measuring Instruments. Transactions of the Institutes of the Committee]. Moscow, no. 57(117), 1962. Issledovaniia po metodike otsenki pogreshnostei izmerenii [Research on the Methodology of Evaluating Errors in Measurements]

SSSR. GOSUDARSTVENNYI STANDART [U. S. S. R. STATE STANDARD]. Issued by various agencies. GOST 295-47, 1784-47, 3757-47, 3768-47, 1695-48, 4163-48, 4174-48, 4218-48, 4239-48, 5193-50, 5272-50, 5300-50, 61-51, 1029-51, 2788-51, 5800-51, 229-52, 492-52, 926-52, 6130-52, 0234-52, 6269-52, 0324-52; 7676-54, 183-55, 275-55, 503-55, 1781-55, 4781-55, 7314-55, 7746-55; 7869-56, 8020-56, 8456-57, 8416-57, 8563-57, 8579-8580-57; 741-58, 977-58, 1654-58, 6563-58, 8693-58, 8695-58, 8728-58, 8770-58, 464-59, 929-59, 1461-59, 3925-59, 4446-59, 6072-59, 8335-59, 8675-59, 9012-9013-59, 9181-59, 0101-59, 9232-59, 9239-59, 9284-59; 41-60, 46-60, 102-60, 197-60, 267-60, 1219-60, 1381-60, 2222-60, 2246-60, 2327-60, 2424-60, 5656-60, 6121-6122-60, 7245-60, 8721-60, 9301-60, 9444-60, 9472-9476-60, 9479-9480-60.

STANDARTIZATSIIA [STANDARDIZATION]. Issued by Komitet standartov, mer i izmeritel'nykh priborov pri Sovete Ministrov SSSR [Committee of Standards, Measures, and Measuring Instruments, Attached to the Council of Ministers of the U. S. S. R.]. Moscow, vol. 26, no. 10, Oct. 1962.

b. AERONAUTICS

AVIATSIIA I KOSMONAVTIKA [AVIATION AND ASTRONAUTICS]. Moscow, vol. 45, nos. 8, 9-10, 1962.

KRYL'IA RODINY [WINGS OF THE MOTHERLAND]. Issued by Vsesoiuznoe dobrovol'noe obshchestvo sodeistviia armii, aviatsii i flotu [All-Union Volunteer Society for Assistance to the Army, Air Force, and Navy]. Moscow, vol. 13, nos. 9-10, Sep.-Oct. 1962.

MOSCOW. AVIATSIONNYI INSTITUT. Trudy [AERONAUTICAL INSTITUTE. Transactions]. No. 150, 1962.

REFERATIVNYI ZHURNAL. OTDEL'NYI VYPUSK 41: RAKETNAIA TEKHNIKA I APPARATY KOSMICHESKOGO POLETA [JOURNAL OF ABSTRACTS. SEPARATE ISSUE 41: ROCKET ENGINEERING AND SPACE FLIGHT EQUIPMENT]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U. S. S. R.]. Moscow, nos. 21-22, Nov. 1962.

REFERATIVNYI ZHURNAL. VOZDUSHNYI TRANSPORT [JOURNAL OF ABSTRACTS AIR TRANSPORTATION]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U. S. S R.]. Moscow, no. 11, Nov. 1962. [This journal is also issued in parts.]

c. CHEMICAL TECHNOLOGY

KHIMICHNA PROMYSLOVIST' [CHEMICAL INDUSTRIES]. Issued by Instytut tekhnichnoi informatsii Derzhavnoho komitetu Rady Ministriv URSR po koordinatsii naukovo-doslidnykh robit and Ukrains'ke respublikans'ke pravlinnia Vsesoiuznoho khimichnoho tovarystva im. D. I. Mendeleieva [Institute of Technical Information of the State Committee of the Council of Ministers of the Ukrainian S. S. R. for the Coordination of Research and the Ukrainian Republic Administration of the D. I. Mendeleev All-Union Chemical Society]. Kiev, no. 1, Jan.-Mar. 1962.

KHIMIIA I TEKHNOLOGIIA POLIMEROV, sbornik perevodov iz inostrannoi periodicheskoi literatury [THE CHEMISTRY AND TECHNOLOGY OF POLYMERS, Translations From Foreign Periodical Literature]. Moscow, vol. 6, no. 11, 1962

NEFTEKHIMIIA [PETROCHEMISTRY]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U. S. S. R.]. Moscow, vol. 2, no. 4, July-Aug. 1962.

REFERATIVNYI ZHURNAL. OTDEL'NYI VYPUSK 34: KOMPRESSORY I KHOLODIL'NAIA TEKHNIKA [JOURNAL OF ABSTRACTS. SEPARATE ISSUE 34: COMPRESSORS AND REFRIGERATION ENGINEERING]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U. S. S. R.]. Moscow, nos. 21-22, Nov. 1962.

RUSSIA (1923- U. S. S. R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii; pishchevaia tekhnologiia [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning, Food Technology]. Moscow, no. 5(30), 1962.

SAKHARNAIA PROMYSHLENNOST' [SUGAR INDUSTRY]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po koordinatsii nauchno-issledovatel'skikh rabot and TSentral'noe pravlenie Nauchno-tekhnicheskogo obshchestva pishchevoi promyshlennosti [State Committee of the Council of Ministers of the U. S. S. R. on the Coordination of Research and the Central Administration of the Scientific Technological Society of the Food Industry]. Moscow, vol. 36, no. 10, Oct. 1962.

d. CIVIL & CONSTRUCTION ENGINEERING

AKADEMIIA STROITEL'STVA I ARKHITEKTURY SSSR. Institut sanitarnoi tekhniki. Sbornik trudov [ACADEMY OF CONSTRUCTION AND ARCHITECTURE OF THE U. S. S. R. Institute of Sanitary Engineering. Collected Papers]. Moscow, no. 10, 1962.

AKADEMIIA STROITEL'STVA I ARKHITEKTURY SSSR. Institut stroitel'nykh konstruktsii. Trudy [ACADEMY OF CONSTRUCTION AND ARCHITECTURE OF THE U. S. S. R. Institute of Construction Design. Transactions]. Moscow, no. 14, 1962.

AKADEMIIA STROITEL'STVA I ARKHITEKTURY SSSR. TSentral'nyi Institut nauchnoi informatsii po stroitel'stvu i arkhitekture. Opyt zarubezhnogo stroitel'stva [ACADEMY OF CONSTRUCTION AND ARCHITECTURE OF THE U. S. S. R. Central Institute of Scientific Information on Construction and Architecture. Construction Practice Abroad] Moscow, no. 3, 1962.

AVTOMOBIL'NYE DOROGI [HIGHWAYS]. Issued by Ministerstvo transportnogo stroitel'stva SSSR [Ministry of Construction for the Transportation Industry of the U. S. S. R.]. Moscow, vol. 25, no. 10(240), Oct. 1962.

BIULLETEN' STROITEL'NOI TEKHNIKI [BULLETIN OF CONSTRUCTION ENGINEERING]. Published by Gosudarstvennyi komitet Soveta Ministrov SSSR po delam stroitel'stva [State Committee of the Council of Ministers of the U. S. S. R. for Construction]. Moscow, vol. 19, nos. 9-10, Sep.-Oct. 1962.

GORODSKOE KHOZIAISTVO MOSKVY [MUNICIPAL ECONOMY OF MOSCOW]. Organ of Ispolkom Moskovskogo gorodskogo soveta deputatov trudiashchikhsia [Executive Committee of the Moscow City Soviet of Workers' Deputies]. Moscow, vol. 36, no. 9, Sep. 1962.

MONTAZHNYE I SPETSIALIZIROVANNYE RABOTY V STROITEL'STVE [ASSEMBLING AND SPECIALIZED OPERATIONS IN CONSTRUCTION]. Organ of Ministerstvo stroitel'stva RSFSR and TSentral'noe pravlenie Nauchno-tekhnicheskogo obshchestva stroitel'noi industrii [Ministry of Construction of the R. S. F. S. R. and the Central Administration of the Scientific Technological Society of the Building Industry]. Moscow, vol. 24, no. 10, Oct. 1962.

POZHARNOE DELO [FIRE FIGHTING]. Issued by Ministerstvo vnutrennikh del RSFSR [Ministry of the Interior of the R. S. F. S. R.]. Moscow, vol. 8(52), no. 10, Oct. 1962.

PUT' I PUTEVOE KHOZIAISTVO [RAILROAD TRACKS AND ROADWAY MAINTENANCE]. Organ of Ministerstvo putei soobshcheniia SSSR [Ministry of Railroad Transportation of the U. S. S. R.]. Moscow, vol. 6, nos. 8-10, 1962.

REFERATIVNYI ZHURNAL STROITEL'STVO I ARKHITEKTURA [JOURNAL OF ABSTRACTS: CONSTRUCTION AND ARCHITECTURE]. Issued by Akademiia stroitel'stva i arkhitektury SSSR [Academy of Construction and Architecture of the U S S R.] Moscow, vol. 4, no. 5(23), 1962

SEL'SKOE STROITEL'STVO [RURAL CONSTRUCTION]. Organ of Gosudarstvennyi komitet Soveta Ministrov RSFSR po delam stroitel'stva [State Committee of the Council of Ministers of the R. S. F. S. R. for Construction]. Moscow, no. 9(155), Sep. 1962.
——— ——— Prilozhenie [Supplement]. No. 5(11), 1962.

SIL'S'KE BUDIVNYTSTVO [RURAL CONSTRUCTION]. Issued by Ministerstvo vyrobnytstva i zahotivel' sil's'kohospodars'kykh produktiv Ukrains'koi RSR [Ministry of Production and Procurement of Agricultural Products of the Ukrainian S. S. R.]. Kiev, vol. 12, no. 10, Oct. 1962.

STROITEL'NYE MATERIALY [BUILDING MATERIALS]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po delam stroitel'stva [State Committee of the Council of Ministers of the U. S. S. R for Construction]. Moscow, vol. 8, no. 9, Sep. 1962.

VOPROSY GIDROTEKHNIKI [PROBLEMS OF HYDRAULIC ENGINEERING]. Issued by Akademiia nauk Uzbekskoi SSR [Academy of Sciences of the Uzbek S. S. R.]. Tashkent, nos. 4-5, 1962.

VSESOIUZNYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT NOVYKH STROITEL'NYKH MATERIALOV. Sbornik trudov [ALL-UNION SCIENTIFIC RESEARCH INSTITUTE OF NEW BUILDING MATERIALS. Collected Papers]. Moscow, no. 5, 1961.

ZHILISHCHNO-KOMMUNAL'NOE KHOZIAISTVO [COMMUNAL HOUSING AND SERVICES]. Issued by Ministerstvo kommunal'nogo khoziaistva RSFSR and TsK profsoiuza rabochikh mestnoi promyshlennosti i kommunal'nogo khoziaistva [Ministry of Communal Economy of the R. S. F. S. R. and the Central Committee of the Trade Union of Workers of Local Industries and Communal Economy]. Moscow, vol. 13, nos. 3, 5, Mar., May 1962.

e. ELECTRICAL ENGINEERING

AKADEMIIA NAUK AZERBAIDZHANSKOI SSR, Baku. Energeticheskii institut. Trudy [ACADEMY OF SCIENCES OF THE AZERBAIJAN S. S. R. Power Institute. Transactions] Baku, vol. 15, 1962.

ANNOTIROVANNYI UKAZATEL' LITERATURY PO RADIOELEKTRONIKE [ANNOTATED BIBLIOGRAPHY ON ELECTRONICS]. Moscow, vol. 16, nos. 1-15, 17-20, 1960.

*AVTOMATIKA I TELEMEKHANIKA [AUTOMATIC AND REMOTE CONTROL]. Issued by Institut avtomatiki i telemekhaniki Akademii nauk SSSR [Institute of Automatic and Remote Control of the Academy of Sciences of the U. S. S. R.]. Moscow, vol. 23, nos. 9, 11, Sep., Nov. 1962.

ENERGETIK [ELECTRIC POWER TECHNICIAN]. Issued by Gosudarstvennyi komitet Soveta Ministrov SSSR po koordinatsii nauchno-issledovatel'skikh rabot and TSentral'nyi Komitet Profsoiuza rabochikh elektrostantsii i elektropromyshlennosti [State Committee of the Council of Ministers of the U. S. S. R. on the Coordination of Research and the Central Committee of the Trade Union of Workers of Electric Power Stations and the Electrical Industry]. Moscow, vol. 10, no. 8, Aug. 1962.

ENERGOKHOZIAISTVO ZA RUBEZHOM, prilozhenie k zhurnalu "Elektricheskie stantsii" [ELECTRIC POWER PRODUCTION AND UTILIZATION IN FOREIGN COUNTRIES, Supplement to the periodical "Electric Power Stations"] Issued by Gosudarstvennoe energeticheskoe izdatel'stvo [State Power Engineering Publishing House]. Moscow, no 2, March-Apr. 1962

LENINGRAD. ELEKTROTEKHNICHESKII INSTITUT. Izvestiia [INSTITUTE OF ELECTRICAL ENGINEERING. Bulletin]. Vol. 57, no. 39, 1959, vol. 59, no. 46, 1962.

RADIO [RADIO] Organ of Ministerstvo sviazi SSSR and Vsesoiuznoe dobrovol'noe obshchestvo sodeistviia armii, aviatsii i flotu [Ministry of Communication of the U.S.S.R. and of the All-Union Volunteer Society for Assistance to the Army, Air Force, And Navy]. Moscow, no. 10, Oct. 1962.

*RADIOTEKHNIKA I ELEKTRONIKA [RADIO ENGINEERING AND ELECTRONICS]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 7, no. 10, Oct. 1962.

REFERATIVNYI ZHURNAL. OTDEL'NYI VYPUSK 12. SILOVYE USTANOVKI [JOURNAL OF ABSTRACTS. SEPARATE ISSUE 12. POWER PLANTS]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, nos. 21-22, Nov. 1962.

REFERATIVNYI ZHURNAL AVTOMATIKA I RADIOELEKTRONIKA [JOURNAL OF ABSTRACTS. AUTOMATIC CONTROL AND RADIO ENGINEERING]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 9, Sep. 1962.

REFERATIVNYI ZHURNAL: ELEKTROTEKHNIKA I ENERGETIKA [JOURNAL OF ABSTRACTS: ELECTRICAL ENGINEERING AND ELECTRIC POWER]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 20, Oct. 1962.

RUSSIA (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii; elektromekhanika [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning, Electrical Machinery and Apparatus]. Novocherkassk, vol. 5, nos. 6-7, 1962.

RUSSIA (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii; energetika [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Power Engineering]. Moscow, vol. 5, no. 9, Sep. 1962.

SVETOTEKHNIKA [ILLUMINATING ENGINEERING]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po avtomatizatsii i mashinostroeniiu and TSentral'noe pravlenie Nauchno-tekhnicheskogo obshchestva energeticheskoi promyshlennosti [State Committee of the Council of Ministers of the U.S.S.R. for Automation and Machinery Manufacture and the Central Administration of the Scientific Technological Society of the Power Industry]. Moscow, vol. 8, nos. 9, 11, Sep., Nov. 1962.

VESTNIK ELEKTROPROMYSHLENNOSTI [REVIEW OF THE ELECTRICAL INDUSTRY]. Issued by Gosudarstvennyi komitet Soveta Ministrov SSSR po koordinatsii nauchno-issledovatel'skikh rabot [State Committee of the Council of Ministers of the U.S.S.R. on the Coordination of Research] and others. Moscow, vol. 33, nos. 9, 11, Sep., Nov. 1962.

ZARUBEZHNAIA RADIOELEKTRONIKA [RADIO ENGINEERING ABROAD]. Moscow, vol. 17, no. 10, Oct. 1962.

f. INDUSTRIES & TRADES

AKADEMIIA NAUK URSR, Kiev. Instytut elektrozvariuvannia. Avtomaticheskaia svarka [ACADEMY OF SCIENCES OF THE UKRAINIAN S.S.R. Institute of Electric Welding. Automatic Welding]. Kiev, vol. 15, no. 11(116), Nov. 1962.

IVANOVO. NAUCHNO-ISSLEDOVATEL'SKII INSTITUT KHLOPCHATOBUMAZHNOI PROMYSHLENNOSTI. Nauchno-issledovatel'skie trudy [SCIENTIFIC RESEARCH INSTITUTE OF THE COTTON INDUSTRY, Scientific Research Papers]. Moscow, vol. 25, 1961.

KHLEBOPEKARNAIA I KONDITERSKAIA PROMYSHLENNOST' [BAKING AND CONFECTIONERY INDUSTRY]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po koordinatsii nauchno-issledovatel'skikh rabot and TSentral'noe pravlenie Nauchno-tekhnicheskogo obshchestva pishchevoi promyshlennosti [State Committee of the Council of Ministers of the U.S.S.R. for the Coordination of Research and the Central Administration of the Scientific Technological Society of the Food Industry]. Moscow, vol. 6, no. 10, Oct. 1962

KOZHEVENNO-OBUVNAIA PROMYSHLENNOST' [LEATHER AND FOOTWEAR INDUSTRY] Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po koordinatsii nauchno-issledovatel'skikh rabot and TSentral'noe pravlenie NTO legkoi promyshlennosti [State Committee of the Council of Ministers of the U.S.S.R. for the Coordination of Research and the Central Administration of the Scientific Technological Society of Light Industry] Leningrad, vol. 4, no. 10, Oct. 1962.

MESTNAIA PROMYSHLENNOST' I KHUDOZHESTVENNYE PROMYSLY [LOCAL INDUSTRY AND ART TRADES]. Issued by Gosudarstvennyi komitet Soveta Ministrov RSFSR po delam mestnoi promyshlennosti i khudozhestvennykh promyslov and TsK Profsoiuza rabochikh mestnoi promyshlennosti i kommunal'nogo khoziaistva [State Committee of the Council of Ministers of the R.S.F.S.R. for Local Industry and Art Trades and the Central Committee of the Trade-Union of Workers of Local Industries and Communal Economy] Moscow, vol. 3, no. 8, Aug. 1962.

MUKOMOL'NO-ELEVATORNAIA PROMYSHLENNOST' [FLOUR MILLING AND GRAIN STORAGE]. Organ of Gosudarstvennyi komitet zagotovok Soveta Ministrov SSSR [State Committee for Procurement of the Council of Ministers of the U.S.S.R.]. Moscow, vol. 23, no. 9, Sep. 1962.

OBSHCHESTVENNOE PITANIE [PUBLIC FOOD SERVICE]. Issued by Ministerstvo torgovli RSFSR [Ministry of Commerce of the R.S.F.S.R.]. Moscow, no. 7, July 1962.

REFERATIVNYI ZHURNAL LEGKAIA PROMYSHLENNOST' [JOURNAL OF ABSTRACTS: LIGHT INDUSTRY]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.] Moscow, nos. 21-22, Nov. 1962. [This journal is also issued in parts.]

RUSSIA (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii; tekhnologiia legkoi promyshlennosti [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning, Technology of Light Industry]. Moscow, no. 4(28), 1962.

*RUSSIA (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii, tekhnologiia tekstil'noi promyshlennosti [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Technology of the Textile Industry]. Moscow, no. 4(29), 1962.

SHVEINAIA PROMYSHLENNOST' [CLOTHING INDUSTRY]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po koordinatsii nauchno-issledovatel'skikh rabot and TSentral'noe pravlenie Nauchno-tekhnicheskogo obshchestva legkoi promyshlennosti [State Committee of the Council of Ministers of the U.S.S.R. on the Coordination of Research and the Central Administration of the Scientific Technological Society of Light Industry]. Moscow, no. 5, Sep.-Oct. 1962.

*SVAROCHNOE PROIZVODSTVO [WELDING PRACTICE]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po koordinatsii nauchno-issledovatel'skikh rabot [State Committee of the Council of Ministers of the U.S.S.R. on the Coordination of Research] and others. Moscow, no. 10(310), Oct. 1962.

ZHURNAL MOD [FASHION MAGAZINE]. Issued by Vsesoiuznyi institut assortimenta izdelii legkoi promyshlennosti i kul'tury odezhdy [All-Union Institute of Manufactures and Fashions]. Moscow, vol. 18, no. 3(69), 1962.

g. MECHANICAL ENGINEERING

AKADEMIIA NAUK SSSR. Izvestiia. Otdelenie tekhnicheskikh nauk. Mekhanika i mashinostroenie [ACADEMY OF SCIENCES OF THE U.S.S.R. Bulletin. Department of Technological Sciences. Mechanics and Machine Building]. Moscow, no. 5, Sep.-Oct. 1962.

AKADEMIIA NAUK SSSR. Komissiia po tekhnologii mashinostroeniia. Seminar po kachestvu poverkhnosti. Trudy [ACADEMY OF SCIENCES OF THE U.S.S.R. Commission on the Technology of Machine Construction. Seminar on the Quality of Surfaces. Transactions] Moscow, no. 5, 1961

AVTOMOBIL'NAIA PROMYSHLENNOST' [AUTOMOBILE INDUSTRY]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po avtomatizatsii i mashinostroeniiu [State Committee of the Council of Ministers of the U.S.S.R. for Automation and Machinery Manufacture]. Moscow, vol. 28, no. 9, Sep. 1962.

AVTOMOBIL'NYI TRANSPORT ZA RUBEZHOM; sbornik perevodnykh materialov iz inostrannoi periodicheskoi literatury po voprosam avtomobil'nogo transporta [AUTOMOTIVE TRANSPORTATION ABROAD, Translations of Foreign Periodical Literature on Problems of Automotive Transportation]. Issued by Gosudarstvennyi nauchno-issledovatel'skii institut avtomobil'nogo transporta [State Scientific Research Institute of Automotive Transportation]. Moscow, no. 6, 1961.

ELEKTRICHESKAIA I TEPLOVOZNAIA TIAGA [ELECTRIC AND DIESEL LOCOMOTIVE TRACTION]. Organ of Ministerstvo putei soobshcheniia SSSR [Ministry of Railroad Transportation of the U.S.S.R.]. Moscow, vol. 6, no. 9(69), Sep. 1962.

KHARKOV. INSTYTUT INZHENERIV ZALIZNYCHNOHO TRANSPORTU Trudy [INSTITUTE OF ENGINEERS OF RAILROAD TRANSPORTATION. Transactions] Moscow, nos 51-52, 1961

LENINGRAD NAUCHNO-ISSLEDOVATEL'SKII INSTITUT MEKHANIZATSII RYBNOI PROMYSHLENNOSTI Trudy [SCIENTIFIC RESEARCH INSTITUTE FOR THE MECHANIZATION OF THE FISHING INDUSTRY Transactions]. Vol. 1, no. 1, 1959

MASHINOSTROITEL' [MACHINE BUILDER]. Organ of Nauchno-tekhnicheskoe obshchestvo mashinostroitel'noi promyshlennosti [Scientific-Technological Society of the Machinery Manufacturing Industry]. Moscow, no. 10, Oct. 1961.

MOSCOW. MOSKOVSKII INSTITUT INZHENEROV ZHELEZNODOROZHNOGO TRANSPORTA. Trudy [MOSCOW INSTITUTE OF ENGINEERS OF RAILROAD TRANSPORTATION. Transactions]. No. 144, 1962

*PRIBOROSTROENIE [INSTRUMENT MANUFACTURE]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po avtomatizatsii i mashinostroeniiu and TSentral'noe pravlenie Nauchno-tekhnicheskogo obshchestva priborostroitel'noi promyshlennosti [State Committee of the Council of Ministers of the U.S.S.R. for Automation and Machinery Manufacture and the Central Administration of the Scientific Technological Society of the Instrument Industry]. Moscow, no. 10, Oct. 1962.

PROBLEMY PROCHNOSTI V MASHINOSTROENII [PROBLEMS OF STRENGTH OF MATERIALS IN MACHINERY MANUFACTURE]. Issued by Institut mashinovedeniia Akademii nauk SSSR [Institute of Mechanical Engineering of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 9, 1962.

REFERATIVNYI ZHURNAL ZHELEZNODOROZHNYI TRANSPORT [JOURNAL OF ABSTRACTS: RAILROAD TRANSPORTATION]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U. S. S. R.]. Moscow, no. 11, Nov. 1962. [This journal is also issued in parts.]

REFERATIVNYI ZHURNAL OTDEL'NYI VYPUSK 31 VZAIMODEISTVIE RAZNYKH VIDOV TRANSPORTA I KONTEINERNYE PEREVOZKI [JOURNAL OF ABSTRACTS. SEPARATE ISSUE 31 CONTAINER SHIPMENTS AND THE INTERACTION OF VARIOUS TYPES OF TRANSPORTATION]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institut of Scientific Information of the Academy of Sciences of the U. S. S. R.] Moscow, no. 11, Nov. 1962.

REFERATIVNYI ZHURNAL OTDEL'NYI VYPUSK 39. PODV'EMNO-TRANSPORTNYE MASHINY I SOORUZHENIIA [JOURNAL OF ABSTRACTS SEPARATE ISSUE 39 HOISTING AND CONVEYING MACHINERY AND STRUCTURES]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U. S. S. R.]. Moscow, nos 21-22, Nov. 1962

REFERATIVNYI ZHURNAL. OTDEL'NYI VYPUSK 40 PRIBORY TOCHNOI MEKHANIKI I ISPYTATEL'NYE USTANOVKI [JOURNAL OF ABSTRACTS. SEPARATE ISSUE 40 PRECISION INSTRUMENTS AND TESTING EQUIPMENT] Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U. S. S. R.]. Moscow, nos. 21-22, Nov. 1962.

REFERATIVNYI ZHURNAL OTDEL'NYI VYPUSK 43. STROITEL'NOE I DOROZHNOE MASHINOSTROENIE. GORNYE MASHINY [JOURNAL OF ABSTRACTS SEPARATE ISSUE 43: MANUFACTURE OF CONSTRUCTION EQUIPMENT AND ROAD MACHINERY. MINING MACHINERY]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U. S. S. R.]. Moscow, nos. 21-22, Nov. 1962

REFERATIVNYI ZHURNAL. OTDEL'NYI VYPUSK 44. TRAKTORY I SEL'SKOKHOZIAISTVENNYE MASHINY [JOURNAL OF ABSTRACTS. SEPARATE ISSUE 44: TRACTORS AND AGRICULTURAL MACHINERY]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U. S. S. R.]. Moscow, no. 22, Nov. 1962

REFERATIVNYI ZHURNAL OTDEL'NYI VYPUSK 45. TRUBOPROVODNYI TRANSPORT [JOURNAL OF ABSTRACTS. SEPARATE ISSUE 15: PIPELINE TRANSPORTATION]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U. S. S. R.]. Moscow, no. 11, Nov. 1962.

REFERATIVNYI ZHURNAL OTDEL'NYI VYPUSK 46: FOTO-KINOAPPARATURA I OPTICHESKIE PRIBORY [JOURNAL OF ABSTRACTS. SEPARATE ISSUE 46 PHOTOGRAPHIC AND MOTION-PICTURE EQUIPMENT AND OPTICAL INSTRUMENTS]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U. S. S. R.]. Moscow, nos. 20-22, Oct.-Nov. 1962.

RUSSIA (1923- U. S. S. R.) Ministerstvo putei soobshcheniia. TSentral'naia nauchno-tekhnicheskaia biblioteka. Literatura po zheleznodorozhnomu transportu [Ministry of Railroad Transportation. Central Technological Library. Literature on Railroad Transportation] Moscow, vol. 12, no. 10, 1960; vol. 13, no. 10, 1961. [MICROFILM]

RUSSIA (1923- U. S. S. R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii, mashinostroenie [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Machine Manufacture]. Moscow, no. 5, 1962.

*STANKI I INSTRUMENT [MACHINE TOOLS AND THEIR CUTTING TOOLS]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po avtomatizatsii i mashinostroeniiu and TSentral'noe pravlenie Nauchno-tekhnicheskogo obshchestva mashinostroitel'noi promyshlennosti [State Committee of the Council of Ministers of the U. S. S. R. for Automation and Machinery Manufacture and the Central Administration of the Scientific Technological Society of the Machinery Industry]. Moscow, vol. 33, no. 10, Oct. 1962.

STROITEL'NYE I DOROZHNYE MASHINY [ROAD AND CONSTRUCTION MACHINERY]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po avtomatizatsii i mashinostroeniiu [State Committee of the Council of Ministers of the U. S. S. R. for Automation and Machinery Manufacture] Moscow, vol. 7, no. 9, Sep. 1962.

*TEPLOENERGETIKA [HEAT ENGINEERING]. Organ of Akademiia nauk SSSR [Academy of Sciences of the U. S. S. R.] and others. Moscow, vol. 9, no. 11, Nov. 1962.

*VESTNIK MASHINOSTROENIIA [MACHINE BUILDING REVIEW]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po koordinatsii nauchno-issledovatel'skikh rabot [State Committee of the Council of Ministers of the U. S. S. R. on the Coordination of Research] and others. Moscow, vol. 42, no. 10, Oct. 1962.

ZA BEZOPASNOST' DVIZHENIIA [FOR TRAFFIC SAFETY] Issued by Otdel RUD i GAI UVD Ispolkoma Mosgorsoveta [Traffic Department and the State Automobile Inspection Agency of the Administration of Internal Affairs of the Executive Committee of the Moscow City Soviet]. Moscow, vol. 15, no. 6(49), June 1962.

h MINING & METALLURGY

*AKADEMIIA NAUK SSSR. Izvestiia. Otdelenie tekhnicheskikh nauk. Metallurgiia i toplivo [ACADEMY OF SCIENCES OF THE U. S. S. R. Bulletin. Department of Technological Sciences. Metallurgy and Fuel]. Moscow, no. 5, Sep.-Oct. 1962.

AKADEMIIA NAUK SSSR. Institut gornuchikh iskopaemykh. Trudy [ACADEMY OF SCIENCES OF THE U. S. S. R. Institute of Mineral Fuels. Transactions]. Moscow, vol. 17, 1962

AKADEMIIA NAUK URSR, Kiev. Instytut chornoi metalurgii. Trudy [ACADEMY OF SCIENCES OF THE UKRAINIAN S. S. R. Institute of Ferrous Metallurgy Transactions]. Kiev, vol. 17, 1962.

DNEPROPETROVSK. METALLURGICHESKII INSTITUT. Nauchnye trudy [METALLURGICAL INSTITUTE. Studies]. No. 48, 1962.

*FIZIKA METALLOV I METALLOVEDENIE [THE PHYSICS OF METALS AND PHYSICAL METALLURGY]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U. S. S. R.]. Sverdlovsk, vol. 14, no. 4, Oct. 1962.

GORNYI ZHURNAL [MINING JOURNAL]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po koordinatsii nauchno-issledovatel'skikh rabot and TSentral'nye pravleniia Nauchno-tekhnicheskikh obshchestv chornoi i tsvetnoi metallurgii [State Committee of the Council of Ministers of the U. S. S. R. for the Coordination of Research and the Central Administration of the Scientific Technological Societies of Ferrous and Nonferrous Metallurgy]. Moscow, nos. 10-11, Oct.-Nov. 1962.

*LITEINOE PROIZVODSTVO [FOUNDRY PRACTICE]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po koordinatsii nauchno-issledovatel'skikh rabot [State Committee of the Council of Ministers of the U. S. S. R. for the Coordination of Research] and others. Moscow, no. 10, Oct. 1961.

MAKEYEVKA NAUCHNO-ISSLEDOVATEL'SKII INSTITUT PO BEZOPASNOSTI RABOT V GORNOI PROMYSHLENNOSTI. Trudy [SCIENTIFIC RESEARCH INSTITUTE FOR MINE SAFETY. Transactions]. Vol. 10, 1960

*METALLOVEDENIE I TERMICHESKAIA OBRABOTKA METALLOV [METALS AND HEAT TREATMENT OF METALS]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po avtomatizatsii i mashinostroeniiu and TSentral'noe pravlenie Nauchno-tekhnicheskogo obshchestva mashinostroitel'noi promyshlennosti [State Committee of the Council of Ministers of the U. S. S. R. for Automation and Machinery Manufacture and the Central Administration of the Scientific Technological Society of the Machinery Industry]. Moscow, no. 10, Oct. 1962.

*METALLURG [METALLURGIST]. Issued by Gosudarstvennyi komitet Soveta Ministrov SSSR po chornoi i tsvetnoi metallurgii [State Committee of the Council of Ministers of the U. S. S. R. for Ferrous and Nonferrous Metallurgy] and others. Moscow, vol. 7, no. 11, Nov. 1962.

MOSCOW, GORNYI INSTITUT. Nauchnye trudy [MINING INSTITUTE. Studies]. No. 38, 1961.

OBOGASHCHENIE I BRIKETTOVANIE UGLEI [COAL PREPARATION AND BRIQUETTING]. Issued by Gosudarstvennyi proektno-konstruktorskii i nauchno-issledovatel'skii institut po obogashcheniiu i brikettovaniiu uglei [State Planning, Design, and Research Institute for Coal Preparation and Briquetting]. Moscow, no. 24, 1962.

PRIKLADNAIA GEOFIZIKA [APPLIED GEOPHYSICS] Issued by Nauchno-issledovatel'skii institut geofizicheskikh metodov razvedki [Scientific Research Institute of Geophysical Prospecting Methods]. Moscow, no. 33, 1962.

RAZVEDKA I OKHRANA NEDR [PROSPECTING AND CONSERVATION OF MINERAL RESOURCES]. Organ of Ministerstva geologii i okhrany nedr SSSR and TsK Profsoiuza rabochikh geologorazvedochnykh rabot [Ministry of the Geology and Conservation of Mineral Resources of the U. S. S. R. and the Central Committee of the Trade Union of Workers Employed in Geological Prospecting]. Moscow, vol. 28, no. 6, June 1962.

REFERATIVNYI ZHURNAL: GORNOE DELO [JOURNAL OF ABSTRACTS. MINING] Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U. S. S. R.]. Moscow, no. 10, Oct. 1962. Avtorskii ukazatel'za 1961 [Author Index for 1961]

*REFERATIVNYI ZHURNAL METALLURGIIA [JOURNAL OF ABSTRACTS METALLURGY]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U. S. S. R.]. Moscow, no. 10, Oct. 1962.

RUSSIA (1923- U. S. S. R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii, chernaia metallurgiia [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning, Ferrous Metallurgy]. Moscow, vol. 5, no. 9, 1962

RUSSIA (1923- U. S. S. R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii, geologiia i razvedka [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning, Geology and Prospecting]. Moscow, vol. 5, no. 7, July 1962.

RUSSIA (1923- U. S. S. R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii; gornyi zhurnal [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Mining Journal]. Moscow, nos. 9-10, 1961, vol. 5, no. 8, 1962.

RUSSIA (1923- U. S. S. R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii; tsvetnaia metallurgiia [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning, Nonferrous Metallurgy]. Moscow, vol. 5, no. 5, 1962.

RUSSIA (1923- U. S. S. R.) Soiuznaia geologopoiskovaia kontora. Trudy [All-Union Geological Prospecting Office. Transactions]. Moscow, no. 3, 1962.

*STAL' [STEEL] Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po chornoi i tsvetnoi metallurgii [State Committee of the Council of Ministers of the U. S. S. R. for Ferrous and Nonferrous Metallurgy] and others. Moscow, vol. 22, no. 10, Oct. 1962

*TSVETNYE METALLY [NONFERROUS METALS]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po chornoi i tsvetnoi metallurgii [State Committee of the Council of Ministers of the U. S. S. R. for Ferrous and Nonferrous Metallurgy] and others. Moscow, vol. 35, no. 10, Oct. 1962.

UGOL' [COAL]. Issued by Gosudarstvennyi komitet Soveta Ministrov SSSR po toplivnoi promyshlennosti [State Committee of the Council of Ministers of the U. S. S. R. for the Fuel Industry] and others. Moscow, vol. 37, nos. 10(439)-11(440), Oct.-Nov. 1962.

UGOL' UKRAINY [COAL OF THE UKRAINE]. Issued by Gosudarstvennyi komitet Soveta Ministrov USSR po koordinatsii nauchno-issledovatel'skikh rabot [State Committee of the Council of Ministers of the Ukrainian S. S. R. for the Coordination of Research]. Kiev, vol. 6, no. 10, Oct. 1962.

VOPROSY DINAMICHESKOI TEORII RASPROSTRANENIIA SEISMICHESKIKH VOLN [PROBLEMS OF THE DYNAMIC THEORY OF THE PROPAGATION OF SEISMIC WAVES]. Issued by Leningradskoe otdelenie Matematicheskogo instituta Akademii nauk SSSR and Leningradskii gosudarstvennyi universitet [Leningrad Department of the Mathematical Institute of the Academy of Sciences of the U.S.S.R. and Leningrad State University]. Leningrad, no. 1, 1962.

*ZAVODSKAIA LABORATORIIA [THE FACTORY LABORATORY] Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po chernoi i tsvetnoi metallurgii and Gosudarstvennyi komitet Soveta Ministrov SSSR po koordinatsii nauchno-issledovatel'skikh rabot [State Committee of the Council of Ministers of the U.S.S.R. for Ferrous and Nonferrous Metallurgy and the State Committee of the Council of Ministers of the U.S.S.R. for the Coordination of Research] Moscow, vol. 28, no. 10, 1962

17. MILITARY & NAVAL SCIENCES

a MILITARY SCIENCE

BRATSTVO KOLYSHNYKH VOIAKIV PERSHOI UKRAINS'KOI DYVIZII UKRAINS'KOI NARODNOI ARMII. Visti [BROTHERHOOD OF FORMER SOLDIERS OF THE FIRST UKRAINIAN DIVISION OF THE UKRAINIAN NATIONAL ARMY. News] Munich, vol 13, no 107, Sep. 1962

KOMMUNIST VOORUZHENNYKH SIL [COMMUNIST OF THE ARMED FORCES]. Issued by Glavnoe politicheskoe upravlenie Sovetskoi Armii i Voenno-Morskogo Flota [Main Political Administration of the Soviet Army and Navy]. Moscow, vol. 3, nos 20-21, Oct.-Nov. 1962.

NASHA PEREKLICHKA [OUR ROLL CALL] New York, vol 3, no. 33(133), Oct. 1962

SOVETSKII VOIN [SOVIET SOLDIER] Issued by Glavnoe politicheskoe upravlenie Sovetskoi Armii i Voenno-Morskogo Flota [Main Political Administration of the Soviet Army and Navy] Moscow, vol. 41, no 20(968), Oct 1962

VOENNYE ZNANIIA [MILITARY KNOWLEDGE]. Organ of Vsesoiuznoe dobrovol'noe obshchestvo sodeistviia armii, aviatsii i flotu [All-Union Volunteer Society for Assistance to the Army, Air Force, and Navy] Moscow, vol 38, no. 10, Oct 1962.

VOENNYI VESTNIK [MILITARY REVIEW]. Organ of Ministerstvo oborony SSSR [Ministry of Defense of the U.S.S.R.]. Moscow, vol. 112, no. 10, Oct. 1962

b NAVAL SCIENCE

ASSOCIATION OF RUSSIAN IMPERIAL NAVAL OFFICERS IN AMERICA, New York. [Bulletin]. OBSHCHESTVO OFITSEROV ROSSIISKAGO IMPERATORSKAGO FLOTA V AMERIKE. Biulleten' New York, no 2/98, Sep 1962.

MORSKOI FLOT [THE MERCHANT MARINE] Issued by Ministerstvo morskogo flota SSSR [Ministry of the Merchant Marine of the U.S.S.R.]. Moscow, vol. 22, no 10, Oct. 1962.

RECHNOI TRANSPORT [INLAND WATER TRANSPORTATION] Issued by Ministerstvo rechnogo flota [Ministry of the River Fleet] Moscow, vol. 21, no 10, Oct. 1962

REFERATIVNYI ZHURNAL VODNYI TRANSPORT [JOURNAL OF ABSTRACTS: WATER TRANSPORTATION] Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.] Moscow, no. 11, Nov 1962. [This journal is also issued in parts.]

SUDOSTROENIE [SHIPBUILDING]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po sudostroeniiu and Nauchno-tekhnicheskoe obshchestvo sudostroitel'noi promyshlennosti [State Committee of the Council of Ministers of the U.S.S.R. for Shipbuilding and the Scientific Technological Society of the Shipbuilding Industry] Leningrad, vol. 28, no. 9(239), Sep. 1962.

PART C

List of Periodicals Indexed and Abbreviations Used

† Titles listed for the first time

Agitator (6)	Agitator [Agitator]
Agrobiologiia (15a)	Agrobiologiia [Agrobiology]
Annot. ukaz. lit. po radioelek. (16e)	Annotirovannyi ukazatel' literatury po radioelektronike [Annotated Bibliography on Electronics]
Av. i kosm. (16b)	Aviatsiia i kosmonavtika [Aviation and Astronautics]
Avt. dor. (16d)	Avtomobil'nye dorogi [Highways]
Avt. prom. (16g)	Avtomobil'naia promyshlennost' [Automobile Industry]
Avtom. i telem. (16e)	Avtomatika i telemekhanika [Automatic and Remote Control]
Avtom. svar (16f)	Akademiia nauk URSR, Kiev. Institut elektrozvarivaniia. Avtomaticheskaia svarka [Academy of Sciences of the Ukrainian S.S.R. Institute of Electric Welding. Automatic Welding]
Az i Afr. segodn. (1b)	Aziia i Afrika segodnia [Asia and Africa Today]
Belarus' (1b)	Belarus' [White Russia]
Bibl. ukaz Mir. tsentra dan. MGG Bl (2a)	Mirovoi tsentr dannykh MGG Bl. Bibliograficheskii ukazatel' [IGY World Data Center Bl. Bibliography]
Bibliotekoved. i bibl. za rub. (2b)	Bibliotekovedenie i bibliografiia za rubezhom [Library Science and Bibliography Abroad]
Biul. eksp. biol. i med. (14a)	Biulleten' eksperimental'noi biologii i meditsiny [Bulletin of Experimental Biology and Medicine]
Biul. izobr. (16a)	Biulleten' izobretenii [Bulletin on Inventions]
Biul. Kaz. astron. obsor. (13b)	Kazan. Universitet. Astronomicheskaia observatoriia. Biulleten' [University. Astronomical Observatory. Bulletin]
Biul. MOIP. Otd. biol. (13c)	Moskovskoe obshchestvo ispytatelei prirody. Biulleten'. Otdel biologicheskii [Moscow Naturalists' Society. Bulletin. Biological Section]
Biul. MOIP. Otd. geol. (12c)	Moskovskoe obshchestvo ispytatelei prirody. Biulleten'. Otdel geologicheskii [Moscow Naturalists' Society. Bulletin. Geological Section]
Biul. Min. vys. i sred. spets. obr. SSSR (8a)	Russia (1923– U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Biulleten' [Ministry of Higher and Secondary Specialized Education. Bulletin]
Biul. nauch. inform.; trud i zar. plata (5d)	Biulleten' nauchnoi informatsii: trud i zarabotnaia plata [Bulletin of Scientific Information: Labor and Wages]
	'smicheskaia stantsiia Biulleten' Bulletin]
	'otin of Construction
Biul. tekn.-ekon. inform. Gos. nauch.-issl. inst. nauch. i tekh. inform. (16a)	Moscow. Gosudarstvennyi nauchno-issledovatel'skii institut nauchnoi i tekhnicheskoi informatsii. Biulleten' tekhniko-ekonomicheskoi informatsii [State Scientific Research Institute of Technical and Economic Information. Bulletin of Technical and Economic Information]
Biul. Verkh. Suda (7)	Russia (1923– U.S.S.R.) Verkhovnyi Sud. Biulleten' [Supreme Court. Bulletin]
Blok. agit. [Bel.] (6)	Bloknot agitatora [The Agitator's Notebook]. For White Russia.
Blok. agit. [Gruz.] (6)	Bloknot agitatora [The Agitator's Notebook]. For Georgia.
Bot. mat. Otd. spor. rast. (13c)	Akademiia nauk SSSR. Botanicheskii institut. Otdel sporovykh rastenii. Botanicheskie materialy [Academy of Sciences of the U.S.S.R. Botanical Institute. Section of Cryptogamic Plants. Botanical Materials]
Bot. zhur. (13c)	Botanicheskii zhurnal [Botanical Journal]
Brat. vest. (3b)	Bratskii vestnik [Herald of Brotherhood]
Bukhg. uchet. (5a)	Bukhgalterskii uchet [Accounting]
Dokl. AN SSSR (13a)	Akademiia nauk SSSR. Doklady [Academy of Sciences of the U.S.S.R. Reports]
Dokl. APN (8a)	Akademiia pedagogicheskikh nauk RSFSR, Moscow. Doklady [Academy of Pedagogical Sciences of the R.S.F.S.R. Reports]
Ekon. Rad. Ukr (5b)	Ekonomika Radians'koi Ukrainy [Economics of the Soviet Ukraine]
Ekon. sel'khoz (15a)	Ekonomika sel'skogo khoziaistva [Economics of Agriculture]
Ekon. stroi. (5b)	Ekonomika stroitel'stva [Economics of Construction]
Elek. i tepl. tiaga (16g)	Elektricheskaia i teplovoznaia tiaga [Electric and Diesel Locomotive Traction]
Energetik (16e)	Energetik [Electric Power Technician]
Energokhoz za rub. (16e)	Energokhoziaistvo za rubezhom, prilozhenie k zhurnalu "Elektricheskie stantsii" [Electric Power Production and Utilization in Foreign Countries; Supplement to the periodical "Electric Power Stations"]
Ent. oboz. (13c)	Entomologicheskoe obozrenie [Entomological Review]
Ent. sbor. (13c)	† Akademiia nauk Azerbaidzhanskoi SSR, Baku. Institut zoologii. Entomologicheskii sbornik [Academy of Sciences of the Azerbaijan S.S.R. Institute of Zoology. Entomological Papers]
Fin. SSSR (5c)	Finansy SSSR [Finance of the U.S.S.R.]
Fiz. met. i metalloved. (16h)	Fizika metallov i metallovedenie [The Physics of Metals and Physical Metallurgy]
Fiz. tver. tela (13f)	Fizika tverdogo tela [Solid State Physics]
Fiz. v shkole (13f)	Fizika v shkole [Physics in Schools]
Fiziol. rast. (13c)	Fiziologiia rastenii [Physiology of Plants]
Geod. i kart. (13b)	Geodeziia i kartografiia [Geodesy and Cartography]
Geol. i geofiz. (12c)	Geologiia i geofizika [Geology and Geophysics]
Geomag. i aer. (13f)	Geomagnetizm i aeronomiia [Geomagnetism and Aeronomy]
Gor. khoz. Mosk (16d)	Gorodskoe khoziaistvo Moskvy [Municipal Economy of Moscow]
Gor. zhur. (16h)	Gornyi zhurnal [Mining Journal]
Grud. khir. (14h)	Grudnaia khirurgiia [Thoracic Surgery]
Inform. biul. nov. inostr. knig, postup. v Bibl. im. V.I. Len. Ser 1 (2a)	Moscow. Publichnaia biblioteka. Informatsionnyi biulleten' novykh inostrannykh knig, postupivshikh v Biblioteku imeni V.I. Lenina. Seriia 1 Fiziko-matematicheskie, khimicheskie i geologo-geograficheskie nauki; tekhnika i tekhnicheskie nauki [Public Library. Information Bulletin of New Foreign Books, Received by the Lenin Library. Series 1: Physical, Mathematical, Chemical, Geological and Geographical Sciences; Technology and Technological Sciences]
Inform. biul. nov. inostr. knig, postup. v Bibl. im. V.I. Len. Ser. 2 (2a)	Moscow. Publichnaia biblioteka. Informatsionnyi biulleten' novykh inostrannykh knig, postupivshikh v Biblioteku imeni V.I. Lenina. Seriia 2: Biologicheskie, meditsinskie i sel'skokhoziaistvennye nauki [Public Library Information Bulletin of New Foreign Books, Received by the Lenin Library. Series 2: Biological, Medical, and Agricultural Sciences]
Inform. biul. nov inostr. knig, postup. v Bibl. im. V.I. Len. Ser. 3 (2a)	Moscow. Publichnaia biblioteka. Informatsionnyi biulleten' novykh inostrannykh knig, postupivshikh v Biblioteku imeni V.I. Lenina. Seriia 3: Obshchestvennye nauki, khudozhestvennaia literatura, iskusstvo [Public Library. Information Bulletin of New Foreign Books Received by by the Lenin Library. Series 3: Social Sciences, Belles-Lettres, Art]
Inform. sbor. o rab. Geog. fak. Mosk. gos. un. po Mezhdunar. geofiz. godu (12b)	Moscow. Universitet. Geograficheskii fakul'tet. Informatsionnyi sbornik o rabotakh po Mezhdunarodnomu geofizicheskomu godu [University. Geographical Faculty. Information Bulletin on the Work for the International Geophysical Year]
Inform. sbor. TSNIIMF, Mor. pravo i prak. (7)	† Leningrad. TSentral'nyi nauchno-issledovatel'skii institut morskogo flota. Informatsionnyi sbornik. Morskoe pravo i praktika [Central Scientific Research Institute of the Merchant Marine. Information Bulletin Maritime Law and Practice]
Inform. ukaz. stand. (16a)	Informatsionnyi ukazatel' standartov [Information Index of Standards]
Inostr. iaz. v shkole (11a)	Inostrannye iazyki v shkole [Foreign Languages in Schools]
Iskusstvo (10a)	Iskusstvo [Art]
Ist. arkh. (4a)	Istoricheskii arkhiv [Historical Archives]

Ist. SSSR (4a)	Istoriia SSSR [History of the U.S.S.R.]
IUn. tekh. (16a)	IUnyi tekhnik [Young Technician]
Izm. tekh (16a)	Izmeritel'naia tekhnika [Measurement Techniques]
Izv. AN Arm. SSR. Biol. nauki (13c)	Akademiia nauk Armianskoi SSR, Erivan. Izvestiia. Biologicheskie nauki [Academy of Sciences of the Armenian S.S.R. Bulletin. Biological Sciences]
Izv AN Arm. SSR Geol i geog nauki (12c)	Akademiia nauk Armianskoi SSR, Erivan. Izvestiia Geologicheskie i geograficheskie nauki [Academy of Sciences of the Armenian S.S.R Bulletin Geological and Geographical Sciences]
Izv. AN Azerb. SSR. Ser. obshchestv. nauk (1a)	Akademiia nauk Azerbaidzhanskoi SSR, Baku. Izvestiia. Seriia obshchestvennykh nauk [Academy of Sciences of the Azerbaijan S.S.R. Bulletin. Series in the Social Sciences]
Izv. AN Kir. SSR. Ser. biol. nauk (13c)	Akademiia nauk Kirgizskoi SSR, Frunze Izvestiia. Seriia biologicheskikh nauk [Academy of Sciences of the Kirghiz S S R Bulletin. Series in Biological Sciences]
Izv. AN Kir SSR Ser. est i tekh. nauk (1a)	Akademiia nauk Kirgizskoi SSR, Frunze Izvestiia. Seriia estestvennykh i tekhnicheskikh nauk [Academy of Sciences of the Kirghiz S.S R. Bulletin Series in the Natural and Technological Sciences]
Izv. AN SSSR. Otd. khim. nauk (13d)	Akademiia nauk SSSR Izvestiia. Otdelenie khimicheskikh nauk [Academy of Sciences of the U.S.S.R. Bulletin. Department of Chemical Sciences]
Izv. AN SSSR. Otd. tekh. nauk. Mekh. i mashinostr. (16g)	Akademiia nauk SSSR. Izvestiia. Otdelenie tekhnicheskikh nauk. Mekhanika i mashinostroenie [Academy of Sciences of the U.S.S.R. Bulletin. Department of Technological Sciences. Mechanics and Machine Building]
Izv. AN SSSR. Otd. tekh. nauk Met. i topl. (16h)	Akademiia nauk SSSR. Izvestiia. Otdelenie tekhnicheskikh nauk. Metallurgiia i topivo [Academy of Sciences of the U.S.S.R. Bulletin. Department of Technological Sciences. Metallurgy and Fuel]
Izv. AN SSSR. Ser. biol. (13c)	Akademiia nauk SSSR. Izvestiia Seriia biologicheskaia [Academy of Sciences of the U.S.S.R Bulletin. Biological Series]
Izv. AN SSSR. Ser. fiz. (13f)	Akademiia nauk SSSR. Izvestiia. Seriia fizicheskaia [Academy of Sciences of the U.S.S.R. Bulletin. Physical Series]
Izv. AN SSSR Ser. geog. (12b)	Akademiia nauk SSSR. Izvestiia Seriia geograficheskaia [Academy of Sciences of the U S.S.R Bulletin. Geographical Series]
Izv. AN SSSR. Ser. geol. (12c)	Akademiia nauk SSSR. Izvestiia. Seriia geologicheskaia [Academy of Sciences of the U.S.S.R. Bulletin. Geological Series]
Izv. AN SSSR. Ser. mat. (13a)	Akademiia nauk SSSR. Izvestiia. Seriia matematicheskaia [Academy of Sciences of the U.S.S.R. Bulletin. Mathematical Series]
Izv. AN Turk. SSR. Ser. obshchestv. nauk (5b)	Akademiia nauk Turkmenskoi SSR, Ashkhabad. Izvestiia Seriia obshchestvennykh nauk [Academy of Sciences of the Turkmen S.S.R Bulletin. Series in the Social Sciences]
Izv. AN Uz. SSR. Ser. tekh. nauk (16a)	Akademiia nauk Uzbekskoi SSR, Tashkent. Izvestiia. Seriia tekhnicheskikh nauk [Academy of Sciences of the Uzbek S S.R. Bulletin. Series in the Technical Sciences]
Izv. GAO (13b)	Pulkovo Glavnaia astronomicheskaia observatoriia. Izvestiia [Main Astronomical Observatory. Bulletin]
Izv Glav upr sel'khoz nauk i podgot. kad. Arm. SSR (15a)	Armenian S S R Glavnoe upravlenie sel'skokhoziaistvennykh nauk i podgotovki kadrov. Izvestiia. Sel'skokhoziaistvennye nauki [Main Administration of Agricultural Sciences and Staff Training. Bulletin Agricultural Sciences]
Izv. Kir. fil. Geog. ob-va SSSR (12b)	Geograficheskoe obshchestvo SSSR. Kirgizskii filial. Izvestiia [Geographic Society of the U.S.S.R. Kirghiz Branch. Bulletin]
Izv. LETI (16e)	Leningrad. Elektrotekhnicheskii institut. Izvestiia [Institute of Electrical Engineering. Bulletin]
Izv. Vor. gos. ped. inst. (1a)	Voronezh. Gosudarstvennyi pedagogicheskii institut. Izvestiia [State Pedagogical Institute. Bulletin]
Izv. vys. ucheb. zav., chern. met. (16h)	Russia (1923- U S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii, chernaia metallurgiia [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Ferrous Metallurgy]
Izv. vys. ucheb. zav.; elektromekh. (16e)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii; elektromekhanika [Ministry of Higher and Secondary Specialized Education Bulletin of the Institutions of Higher Learning; Electrical Machinery and Apparatus]
Izv. vys. ucheb. zav.; energ. (16e)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii; energetika [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Power Engineering]
Izv. vys. ucheb. zav. ;fiz. (13f)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii; fizika [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Physics]
Izv. vys. ucheb. zav.; geol. i razv. (16h)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia Izvestiia vysshikh uchebnykh zavedenii; geologiia i razvedka [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Geology and Prospecting]
Izv vys. ucheb zav ;gor zhur. (16h)	Russia (1923- U.S.S.R) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia Izvestiia vysshikh uchebnykh zavedenii, gornyi zhurnal [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Mining Journal]
Izv. vys. ucheb. zav., mashinostr (16g)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii; mashinostroenie [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning, Machine Building]
Izv. vys. ucheb zav., mat. (13e)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia Izvestiia vysshikh uchebnykh zavedenii, matematika [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Mathematics]
Izv. vys. ucheb. zav., pishch. tekh (16c)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii, pishchevaia tekhnologiia [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning, Food Technology]
Izv. vys. ucheb. zav.; radiofiz. (13f)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii, radiofizika [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Radio Physics]
Izv vys. ucheb zav ; tekh. leg prom (16f)	Russia (1923- U.S.S.R) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia Izvestiia vysshikh uchebnykh zavedenii, tekhnologiia legkoi promyshlennosti [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Technology of Light Industry]
Izv. vys. ucheb. zav.; tekh. tekst. prom. (16f)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii; tekhnologiia tekstil'noi promyshlennosti [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Technology of the Textile Industry]
Izv. vys. ucheb. zav ;tsvet. met. (16h)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia Izvestiia vysshikh uchebnykh zavedenii, tsvetnaia metallurgiia [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Nonferrous Metallurgy]
K izuch. roli nerv sist. v pat., immun. i lech. tub. (14c)	K izucheniiu roli nervnoi sistemy v patogeneze, immunogeneze i lechenii tuberkuleza [Study of the Role of the Nervous System in the Pathogenesis, Immunogenesis, and Treatment of Tuberculosis]
Khim.; sist. uk. st v inostr zhur (13d)	Moscow Vsesoiuznaia gosudarstvennaia bibliioteka inostrannoi literatury. Khimiia, sistematicheskii ukazatel' statei v inostrannykh zhurnalakh [All-Union State Library of Foreign Literature. Chemistry; Classed Index of Articles in Foreign Periodicals]
Khim. i tekh. polim. (16c)	Khimiia i tekhnologiia polimerov, sbornik perevodov iz inostrannoi periodicheskoi literatury [The Chemistry and Technology of Polymers, Translations From Foreign Periodical Literature]
Khim. prom. [Ukr.] (16c)	Khimichna promyslovist' [Chemical Industries]
Khim. v shkole (13d)	Khimiia v shkole [Chemistry in Schools]
Khirurgiia (14h)	Khirurgiia [Surgery]
Khleb. i kond. prom. (16f)	Khlebopekarnaia i konditerskaia promyshlennost' [Baking and Confectionery Industry]
Knizh. let. (2a)	Knizhnaia letopis' [Book Chronicle]
Komm. Uz. (6)	Kommunist Uzbekistana [Communist of Uzbekistan]
Komm. Vooruzh. Sil (17a)	Kommunist Vooruzhennykh Sil [Communist of the Armed Forces]
Komsom. zhizn' (5e)	Komsomol'skaia zhizn' [Life of Communist Youth]
Kozh.-obuv. prom. (16f)	Kozhevenno-obuvnaia promyshlennost' [Leather and Footwear Industry]
Kryl. rod. (16b)	Kryl'ia rodiny [Wings of the Motherland]
Les. khoz. (15c)	Lesnoe khoziaistvo [Forestry]
Let. gazet. st. (2a)	Letopis' gazetnykh statei [Chronicle of Newspaper Articles]
Let. zhur. st. (2a)	Letopis' zhurnal'nykh statei [Chronicle of Periodical Articles]
Lit. po zhel dor. transp. (16g)	Russia (1923- U.S.S.R.) Ministerstvo putei soobshcheniia TSentral'naia nauchno-tekhnicheskaia bibliioteka. Literatura po zheleznodorozhnomu transportu [Ministry of Railroad Transportation. Central Technological Library. Literature on Railroad Transportation]
Lit. proizv (16h)	Liteinoe proizvodstvo [Foundry Practice]
Mashinostroitel' (16g)	Mashinostroitel' [Machine Builder]
Mat. i issl. po arkheol. (4b)	Materialy i issledovaniia po arkheologii SSSR [Materials and Research in the Archaeology of the U.S.S.R.]
Mat. i soob. Issl. Inst. po izuch. SSSR (4a)	Institut zur Erforschung der UdSSR. Materialy i soobshcheniia Issledovatel'skogo otdela [Institute for the Study of the U.S.S.R. Materials and Reports of the Research Department]

Mat Kom med geog Geog ob-va SSSR (14a)	‡Geograficheskoe obshchestvo SSSR Komissiia meditsinskoi geografii Materialy [Geographical Society of the U S S R Committee on Medical Geography Materials]
Mat po geol i *pol iskop* IAk ASSR (12c)	Materialy po geologii i poleznym iskopaemym IAkutskoi *ASSR* [Materials on the Geology and Mineral Resources of the Yakut A S S.R]
Mat. po Otd etn. Geog ob-va SSSR (12a)	‡ Geograficheskoe obshchestvo SSSR Otdelenie etnografii *Materialy* [*Geographical Society of the U. S S R* Department of Ethnography Materials]
Med. ref. zhur. *(11a)*	Meditsinskii referativnyi zhurnal [Medical Abstracts]
Mest. prom. i khud promys. (16f)	Mestnaia promyshlennost' i khudozhestvennye promysly [Local Industry and Art Trades]
Metalloved. i term *obr met. (16h)*	Metallovedenie i termicheskaia obrabotka metallov [Metals and Heat Treatment of Metals]
Metallurg (16h)	Metallurg [Metallurgist]
Mezhdunar. zhizn' (6)	Mezhdunarodnaia zhizn' [International Life]
Mir. ekon. i mezhdunar. otn. (5b)	Mirovaia ekonomika i mezhdunarodnye otnosheniia [World Economics and International Relations]
Mol. Komm (6)	Molodoi kommunist [The Young Communist]
Mol mira (6)	Molodezh' mira [World Youth]
Mont. i rpets. rab v strol. (16d)	Montazhnye i spetsializirovannye raboty v stroitel'stve [Assembling and Specialized Operations in Construction]
Mor. flot (17b)	Morskoi flot [The Merchant Marine]
Movoznavstvo (11a)	Movoznavstvo [Linguistics]
Muk.-elev. prom. (16f)	Mukomol'no-elevatornaia promyshlennost' [Flour Milling and Grain Storage
Nar. Az. i Afr. (4a)	Narody Azii i Afriki, istoriia, ekonomika, kul'tura [Peoples of Asia and Africa, History, Economics, Culture]
Nar khoz Kazakh (5b)	Narodnoe khoziaistvo Kazakhstana [The National Economy of Kazakhstan]
Nauch. dokl. vys. shkoly, biol. nauki (13c)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Nauchnye doklady vysshei shkoly, biologicheskie nauki [Ministry of Higher and Secondary Specialized Education. Research Papers of Higher Schools; Biological Sciences]
Nauch. dokl. vys. shkoly; ekon. nauki (5b)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia Nauchnye doklady vysshei shkoly; ekonomicheskie nauki [Ministry of Higher and Secondary Specialized Education. Research Papers of Higher Schools; Economics]
Nauch.-issl. trudy IvNITI (16f)	Ivanovo. Nauchno-issledovatel'skii institut khlopchatobumazhnoi promyshlennosti. Nauchno-issledovatel'skie trudy [Scientific Research Institute of the Cotton Industry. Scientific Research Papers]
Nauch. trudy DMI (16h)	Dnepropetrovsk. Metallurgicheskii institut. Nauchnye trudy [Metallurgical Institute. Studies]
Nauch. trudy MGI (16h)	Moscow. Gornyi institut. Nauchnye trudy [Mining Institute. Studies]
Nauka i rel (3b)	Nauka i religiia [Science and Religion]
Nauka i zhizn' (13a)	Nauka i zhizn' [Science and Life]
Neftekhimiia (16c)	Neftekhimiia [Petrochemistry]
Nov. i noveish. ist. (4a)	Novaia i noveishaia istoriia [Modern and Recent History]
Nov. inostr. ekon. lit. (5b)	Novaia inostrannaia ekonomicheskaia literatura [New Foreign Economic Literature]
Nov. inostr. knigi, postup. v sist. Bibl. AN SSSR *(2a)*	Akademiia nauk SSSR. Biblioteka. Novye inostrannye knigi, postupivshie v sistemu Biblioteki [Academy of Sciences of the U.S.S.R. Library. New Foreign Books Received by the Library System]
	filosofii [New Foreign
	[New
	logii i etno- archaeology,
Nov. inostr. lit. po lit. *(11b)*	Novaia inostrannaia literatura po literaturovedeniiu [New Foreign Literature on the Study of Literature]
Nov. knigi (2a)	Novye knigi [New Books]
Nov. lit. o nauke i nauch.-issl. rab. za rub. (2a)	Novaia literatura o nauke i nauchno-issledovatel'skoi rabote za rubezhom [New Literature on Science and Research Abroad]
Nov. lit. po Bolg. (2a)	Novaia literatura po Bolgarii [New Literature on Bulgaria]
Nov. lit. po Chekh. (2a)	Novaia literatura po Chekhoslovakii [New Literature on Czechoslovakia]
Nov. lit. po Pol'. (2a)	Novaia literatura po Pol'she [New Literature on Poland]
Nov. sov. ekon lit. (5b)	Novaia sovetskaia ekonomicheskaia literatura [New Soviet Economic Literature]
Nov. sov. i inostr. lit. po stran. zarub. Vost. (2a)	Novaia sovetskaia i inostrannaia literatura po stranam zarubezhnogo Vostoka [New Soviet and Foreign Literature on the Countries of the Non-Soviet East]
Nov. sov. lit. o nauke i nauch.-issl. rab. v SSSR (2a)	Novaia sovetskaia literatura o nauke i nauchno-issledovatel'skoi rabote v SSSR [New Soviet Literature on Science and General Research in the U. S. S. R.]
Nov sov lit po filosof. (3a)	Novaia sovetskaia literatura po filosofii [New Soviet Literature on Philosophy]
Nov. sov lit. po iaz. (11a)	Novaia sovetskaia literatura po iazykoznaniiu [New Soviet Literature in Linguistics]
Nov. sov. lit. po ist., arkheol. i etn. (1a)	Novaia sovetskaia literatura po istorii, arkheologii i etnografii [New Soviet Literature on History, Archaeology, and Ethnography]
Nov. sov. lit. po lit. (11b)	Novaia sovetskaia literatura po literaturovedeniiu [New Soviet Literature on the Study of Literature]
Nov. tov. (5a)	Novye tovary; informatsionnyi biulleten' [New Consumer Goods; Information Bulletin]
Nov. vrem (6)	Novoe vremia [New Times]
Obog. i brik. ugl (16h)	Obogashchenie i briketirovanie uglei [Coal Preparation and Briquetting]
Obshchestv. pit. (16f)	Obshchestvennoe pitanie [Public Food Service]
Ogonek (1b)	Ogonek [The Little Light]
Opyt zarub. strol. (16d)	‡ Akademiia stroitel'stva i arkhitektury SSSR. TSentral'nyi institut nauchnoi informatsii po stroitel'stvu i arkhitekture. Opyt zarubezhnogo stroitel'stva [Academy of Construction and Architecture of the U.S.S.R. Central Institute of Scientific Information on Construction and Architecture Construction Practice Abroad]
Paleont. zhur. (12c)	Paleontologicheskii zhurnal [Paleontological Journal]
Part. zhizn' (6)	Partiinaia zhizn' [Party Life] Moscow.
Part zhizn' Kazakh. (6)	Partiinaia zhizn' Kazakhstana [Party Life in Kazakhstan]
Pediatriia (14b)	Pediatriia [Pediatrics]
Po rad. Ukr. (1b)	Ukraina'ke tovarystvo druzhby i kul'turnoho zv'iazku z zarubizhnymy krainamy. Po radians'kii Ukraini; fotokhronika [Ukrainian Society for Friendship and Cultural Relations with Foreign Countries. Through Soviet Ukraine; photo report]
Pochvovedenie (15a)	Pochvovedenie [Soil Science]
Poligr. proizv. (2c)	Poligraficheskoe proizvodstvo [Printing Industry]
Pozh. delo (16d)	Pozharnoe delo [Fire Fighting]
Priborostroenie (16g)	Priborostroenie [Instrument Manufacture]
Prikl. geofiz. (16h)	Prikladnaia geofizika [Applied Geophysics]
Priroda (13a)	Priroda [Nature]
Probl prochn. v mashinostr. (16g)	Problemy prochnosti v mashinostroenii [Problems of Strength of Materials in Machinery Manufacture]
Prof.-tekh. obr. (16a)	Professional'no-tekhnicheskoe obrazovanie [Vocational Technical Education]
Prykl. mekh. (16g)	Prykladna mekhanika [Applied Mechanics]
Put' i put. khoz. (16d)	Put' i putevoe khoziaistvo [Railroad Tracks and Roadway Maintenance]
Pyt. ekon. sil'. hosp URSR (5b)	Pytannia ekonomiky sil's'koho hospodarstva Ukraina'koi RSR [Problems in the Economics of the Agriculture of the Ukrainian S. S. R.]
Rab. i sial. (5d)	Rabotnitsa i sialianka [The Woman Worker and the Peasant Woman]
Rad. lit. (11b)	Radians'ke literaturoznavstvo [Soviet Literary Review]
Radio (16e)	Radio [Radio]
Radiokhimiia (13d)	Radiokhimiia [Radiochemistry]
Radiotekh. i elektron. (16e)	Radiotekhnika i elektronika [Radio Engineering and Electronics]
Raspr. pech. (2c)	Raspространenie pechati [Distribution of Publications]
Razved. i okh. nedr (16h)	Razvedka i okhrana nedr [Prospecting and Conservation of Mineral Resources]
Rech. transp. (17b)	Rechnoi transport [Inland Water Transportation]
Ref. sbor.: Ekon. prom. (5b)	Referativnyi sbornik: Ekonomika promyshlennosti [Journal of Abstracts of Industry]
Ref. zhur.: Astron. i geod. (13b)	Referativnyi zhurnal: Astronomiia i geodeziia [Journal of Abstracts: Astronomy and Geodesy]
Ref. zhur.: Avt. i gor. transp. (16g)	Referativnyi zhurnal: Avtomobil'nyi i gorodskoi transport [Journal of Abstracts: Automotive and City Transportation]
Ref. zhur.: Avtom. i radioelektr. (16e)	Referativnyi zhurnal: Avtomatika i radioelektronika [Journal of Abstracts: Automatic Control and Radio Engineering]
Ref. zhur.: Biol. (13c)	Referativnyi zhurnal: Biologiia [Journal of Abstracts: Biology]

Ref.zhur ; Elektrotekh.i energ. (18c)	Referativnyi zhurnal: Elektrotekhnika i energetika [Journal of Abstracts: Electrical Engineering and Electric Power]
Ref.zhur. Fiz. (13f)	Referativnyi zhurnal: Fizika [Journal of Abstracts, Physics]
Ref. zhur.; Geofiz. (13f)	Referativnyi zhurnal: Geofizika [Journal of Abstracts: Geophysics]
Ref. zhur.: Geol. (12c)	Referativnyi zhurnal: Geologiia [Journal of Abstracts: Geology]
Ref.zhur.; Gor. delo (16h)	Referativnyi zhurnal: Gornoe delo [Journal of Abstracts: Mining]
Ref.zhur.: Khim. (13d)	Referativnyi zhurnal Khimiia [Journal of Abstracts, Chemistry]
Ref.zhur.: Khim.; Biol.khim. (13c)	Referativnyi zhurnal: Khimiia; Biologicheskaia khimiia [Journal of Abstracts: Chemistry; Biological Chemistry]
Ref. zhur.: Leg prom. (16f)	Referativnyi zhurnal: Legkaia promyshlennost' [Journal of Abstracts: Light Industry]
Ref.zhur.: Mashinostr. (16g)	Referativnyi zhurnal: Mashinostroenie [Journal of Abstracts: Machinery Manufacture]
Ref.zhur.: Mat. (13a)	Referativnyi zhurnal Matematika [Journal of Abstracts: Mathematics]
Ref.zhur.: Met. (16h)	Referativnyi zhurnal: Metallurgiia [Journal of Abstracts: Metallurgy]
Ref. zhur. Otd. vyp. 31 Vzaimodeists. raz. vid. transp. i kont. perev. (16g)	Referativnyi zhurnal. Otdel'nyi vypusk 31: Vzaimodeistvie raznykh vidov transporta i konteinernye perevozki [Journal of Abstracts. Separate Issue 31: Container Shipments and the Interaction of Various Types of Transportation]
Ref. zhur. Otd. vyp. 32:Izm. tekh. (16a)	Referativnyi zhurnal. Otdel'nyi vypusk 32. Izmeritel'naia tekhnika [Journal of Abstracts. Separate Issue 32: Measurement Techniques]
Ref. zhur. Otd. vyp. 34 Komp. i khol. tekh. (16c)	Referativnyi zhurnal. Otdel'nyi vypusk 34. Kompressory i kholodil'naia tekhnika [Journal of Abstracts. Separate Issue 34: Compressors and Refrigeration Engineering]
Ref. zhur. Otd. vyp. 36: Med.-geog. (14a)	Referativnyi zhurnal. Otdel'nyi vypusk 36: Meditsinskaia geografiia [Journal of Abstracts. Separate Issue 36: Medical Geography]
Ref. zhur. Otd. vyp. 37:Obor. i tekh. poligr. proizv. (2c)	Referativnyi zhurnal. Otdel'nyi vypusk 37: Oborudovanie i tekhnologiia poligraficheskogo proizvodstva [Journal of Abstracts. Separate Issue 37: Equipment and Technology of the Printing Industry]
Ref. zhur. Otd. vyp. 39: Pod.-transp. mash. i soor. (16g)	Referativnyi zhurnal. Otdel'nyi vypusk 39: Pod"emno-transportnye mashiny i sooruzheniia [Journal of Abstracts. Separate Issue 39: Hoisting and Conveying Machinery and Structures]
Ref. zhur. Otd. vyp. 40: Prib. toch. mekh. i isp. ust. (16g)	Referativnyi zhurnal. Otdel'nyi vypusk 40: Pribory tochnoi mekhaniki i ispytatel'nye ustanovki [Journal of Abstracts. Separate Issue 40. Precision Instruments and Testing Equipment]
Ref. zhur. Otd. vyp. 41: Raket. tekh. i app. kosm. pol. (16b)	Referativnyi zhurnal. Otdel'nyi vypusk 41: Raketnaia tekhnika i apparaty kosmicheskogo poleta [Journal of Abstracts. Separate Issue 41: Rocket Engineering and Space Flight Equipment]
Ref. zhur. Otd. vyp. 42:Sil. ust. (16c)	Referativnyi zhurnal. Otdel'nyi vypusk 42: Silovye ustanovki [Journal of Abstracts. Separate Issue 42: Power Plants]
Ref. zhur. Otd. vyp. 43:Stroi. i dor. mashinostr. Gor. mash. (16g)	Referativnyi zhurnal. Otdel'nyi vypusk 43. Stroitel'noe i dorozhnoe mashinostroenie. Gornye mashiny [Journal of Abstracts. Separate Issue 43: Manufacture of Construction Equipment and Road Machinery. Mining Machinery]
Ref. zhur. Otd. vyp. 44: Trakt. i sel'khoz. mash. (16g)	Referativnyi zhurnal. Otdel'nyi vypusk 44: Traktory i sel'skokhoziaistvennye mashiny [Journal of Abstracts. Separate Issue 44: Tractors and Agricultural Machinery]
Ref. zhur. Otd. vyp. 45: Truboprovodnyi transp. (16g)	Referativnyi zhurnal. Otdel'nyi vypusk 45: Truboprovodnyi transport [Journal of Abstracts. Separate Issue 45: Pipeline Transportation]
Ref. zhur. Otd. vyp. 46: Foto-kinoapparatura i opticheskie pribory (16g)	Referativnyi zhurnal. Otdel'nyi vypusk 46: Foto-kinoapparatura i opticheskie pribory [Journal of Abstracts. Separate Issue 46: Photographic and Motion-Picture Equipment and Optical Instruments]
Ref. zhur. :Prom. transp. (16g)	Referativnyi zhurnal: Promyshlennyi transport [Journal of Abstracts. Industrial Transportation]
Ref. zhur.: Stroi. i arkhit. (16d)	Referativnyi zhurnal: Stroitel'stvo i arkhitektura [Journal of Abstracts: Construction and Architecture]
Ref. zhur. :Vod. transp. (17b)	Referativnyi zhurnal: Vodnyi transport [Journal of Abstracts: Water Transportation]
Ref. zhur. : Vozd. transp. (16b)	Referativnyi zhurnal: Vozdushnyi transport [Journal of Abstracts: Air Transportation]
Ref. zhur. :Zhel. dor. transp. (16g)	Referativnyi zhurnal: Zheleznodorozhnyi transport [Journal of Abstracts: Railroad Transportation]
Sakh. prom. (16c)	Sakharnaia promyshlennost' [Sugar Industry]
Sbor perev mat iz inostr. period. lit. po vop. avt. transp. (16g)	Avtomobil'nyi transport za rubezhom; sbornik perevodnykh materialov iz inostrannoi periodicheskoi literatury po voprosam avtomobil'nogo transporta [Automotive Transportation Abroad; Translations of Foreign Periodical Literature on Problems of Automotive Transportation]
Sbor. rab po mezhdunar geofiz godu (13f)	† Kiev. Universytet. Sbornik rabot po mezhdunarodnomu geofizicheskomu godu [University Papers on the International Geophysical Year]
Sbor. rab po silik (14a)	Sbornik rabot po silikozu [Collected Papers on Silicosis]
Sbor. rab. TGO (13f)	† Tashkent. Gidrometeorologicheskaia observatoriia Sbornik rabot [Hydrometeorological Observatory Papers]
Sbor. trud. NIIST (16d)	Akademiia stroitel'stva i arkhitektury SSSR. Institut sanitarnoi tekhniki. Sbornik trudov [Academy of Construction and Architecture of the U.S.S.R. Institute of Sanitary Engineering. Collected Papers]
Sbor. trud. VNIINSM (16d)	Vsesoiuznyi nauchno-issledovatel'skii institut novykh stroitel'nykh materialov. Sbornik trudov [All-Union Scientific Research Institute of New Building Materials. Collected Papers]
Sel'. khoz. za rub.: Rast. (15d)	Sel'skoe khoziaistvo za rubezhom. Rastenievodstvo [Agriculture Abroad: Plant Culture]
Sel' khoz za rub. Zhivotnovodstvo (15b)	Sel'skoe khoziaistvo za rubezhom Zhivotnovodstvo [Agriculture Abroad Animal Husbandry]
Sel'. stroi. (16d)	Sel'skoe stroitel'stvo [Rural Construction]
Sem'ia i shkola (8a)	Sem'ia i shkola [Family and School]
Shkola i proizv. (8a)	Shkola i proizvodstvo [School and Production]
Shkola-int. (8a)	Shkola-internat [Boarding School]
Shvein. prom. (16f)	Shveinaia promyshlennost' [Clothing Industry]
Sil'. bud. (16d)	Sil'skoe budivnytstvo [Rural Construction]
Smena (5e)	Smena [The Younger Generation]
Soob. Biur obser (13b)	Byurakan Observatoriia Soobshcheniia [Byurakan Observatory Reports]
Soob. GAISH (13b)	Moscow. Universitet. Gosudarstvennyi astronomicheskii institut Soobshcheniia [University State Astronomical Institute Reports]
Sots. obesp. (5e)	Sotsial'noe obespechenie [Social Security]
Sots. trud (5d)	Sotsialisticheskii trud [Socialist Labor]
Sots. zakon. (7)	Sotsialisticheskaia zakonnost' [Socialist Legality]
Sov. bibl. (2a)	Sovetskaia bibliografiia [Soviet Bibliography]
Sov. geol. (12c)	Sovetskaia geologiia [Soviet Geology]
Sov. iust. (7)	Sovetskaia iustitsiia [Soviet Justice]
Sov. med. (14a)	Sovetskaia meditsina [Soviet Medicine]
Sov. pech. (11b)	Sovetskaia pechat' [Soviet Press]
Sov. profsoiuzy (5d)	Sovetskie profsoiuzy [Soviet Trade Unions]
Sov. radio i tel. (9a)	Sovetskoe radio i televidenie [Soviet Radio and Television]
Sov. Soiuz (1b)	Sovetskii Soiuz [Soviet Union]
Sov. Ukr. (11b)	Sovetskaia Ukraina [Soviet Ukraine]
Sov. voin (17a)	Sovetskii voin [Soviet Soldier]
Sov. zdrav. (14a)	Sovetskoe zdravookhranenie [Soviet Health Service]
Sov. zdrav. Kir. (14a)	Sovetskoe zdravookhranenie Kirgizii [Soviet Health Service of Kirghizia]
Sovr. Mong. (1b)	Sovremennaia Mongoliia [Contemporary Mongolia]
Sred. spets. obr. (8a)	Srednee spetsial'noe obrazovanie [Secondary Specialized Education]
Stal' (16h)	Stal' [Steel]
Stan. i instr. (16g)	Stanki i instrument [Machine Tools and Their Cutting Tools]
Standartizatsiia (16a)	Standartizatsiia [Standardization]
Stroi. i arkhit. (16b)	Stroitel'stvo i arkhitektura [Construction and Architecture]
Stroi. i dor. mash. (16g)	Stroitel'nye i dorozhnye mashiny [Road and Construction Machinery]
Stroi. mat. (16d)	Stroitel'nye materialy [Building Materials]
Sudostroenie (17b)	Sudostroenie [Shipbuilding]
Svar. proizv. (16f)	Svarochnoe proizvodstvo [Welding Practice]
Svetotekhnika (16e)	Svetotekhnika [Illuminating Engineering]
Svod. biul. nov. inostr. knig. Ser. B (2a)	Svodnyi biulleten' novykh inostrannykh knig, postupivshikh v biblioteki SSSR. Seriia B: Obshchestvennye nauki [Union List of New Foreign Books Received by the Libraries of the U.S.S.R. Series B: Social Sciences]

Teatr (9c)	Teatr [The Theater]
Tekh kino i telev (9a)	Tekhnika kino i televidenila [Motion-Picture and Television Engineering]
Tekh. v sel'khoz. (15a)	Tekhnika v sel'skom khozialstve [Machinery in Agriculture]
Teploenergetika (16g)	Teploenergetika [Heat Engineering]
Trudy AN Tadzh SSR (1a)	Akademiia nauk Tadzhikskoi SSR, Dushanbe Trudy [Academy of Sciences of the Tajik S. S R Transactions]
Trudy BKNII (1a)	Ulan-Ude. Buriatskii kompleksnyi nauchno-issledovatel'skii institut Trudy [Buryat Scientific Research Institute. Transactions]
Trudy ENIN AN Azerb. SSR (16e)	Akademiia nauk Azerbaidzhanskoi SSR, Baku. Energeticheskii institut. Trudy [Academy of Sciences of the Azerbaijan S.S R Power Institute. Transactions]
Trudy Fed. mel. op. sta. (15a)	Fedchenko. Fedchenkovskaia meliorativnaia opytnaia stantsiia. Trudy [Fedchenko Land Improvement Experiment Station. Transactions]
Trudy GIN (12c)	Akademiia nauk SSSR. Geologicheskii institut. Trudy [Academy of Sciences of the U.S.S.R. Geological Institute. Transactions]
Trudy Geol. muz. AN SSSR (12c)	Akademiia nauk SSSR. Geologicheskii muzei Trudy [Academy of Sciences of the U. S. S. R. Geological Museum. Transactions]
Trudy Gor.-geol. inst. UFAN SSSR (12c)	Akademiia nauk SSSR. Ural'skii filial, Sverdlovsk. Gorno-geologicheskii institut. Trudy [Academy of Sciences of the U. S. S. R. Ural Branch. Mining-Geological Institute. Transactions]
Trudy Gos. nauch.-issl. inst. psikh. (14c)	Moscow Gosudarstvennyi nauchno-issledovatel'skii institut psikhiatrii. Trudy [State Scientific Research Institute of Psychiatry. Transactions]
Trudy IAFAN SSSR. Ser. geol. (12c)	Akademiia nauk SSSR IAkutskii filial, Yakutsk. Trudy. Seriia geologicheskaia [Academy of Sciences of the U. S. S. R. Yakut Branch. Transactions. Geological Series]
Trudy IGEM (12c)	Akademiia nauk SSSR Institut geologii rudnykh mestorozhdenii, petrografii, mineralogii i geokhimii. Trudy [Academy of Sciences of the U.S.S.R. Institute of the Geology of Ore Deposits, Petrology, Mineralogy, and Geochemistry. Transactions]
Trudy IGI (16h)	Akademiia nauk SSSR. Institut goriuchikh iskopaemykh. Trudy [Academy of Sciences of the U. S. S. R. Institute of Mineral Fuels Transactions]
Trudy Inst. chorn. met AN URSR (16h)	Akademiia nauk URSR, Kiev Instytut chornoi metalurgii Trudy [Academy of Sciences of the Ukrainian S S.R Institute of Ferrous Metallurgy Transactions]
Trudy Inst. fiz. Zem. Vop. inzh. seism. (13f)	Akademiia nauk SSSR. Institut fiziki Zemli. Trudy Voprosy inzhenernoi seismologii [Academy of Sciences of the U. S S R. Institute of Physics of the Earth. Tranactions. Problems of Engineering Seismology]
Trudy Inst. geol nauk AN URSR. Ser. petr., min. i geokhim (12c)	Akademiia nauk URSR, Kiev Instytut geologichnykh nauk. Trudy. Serila petrografii, mineralogii i geokhimii [Academy of Sciences of the Ukrainian S. S. R. Institute of Geological Sciences. Transactions. Petrographical, Mineralogical, and Geochemical Series]
Trudy Inst Kom stand., mer i izm. prib (16a)	Russia (1923- U.S.S.R.) Komitet standartov, mer i izmeritel'nykh priborov Trudy Institutov Komitota [Committee of Standards, Measures, and Measuring Instruments Transactions of the Institutes of the Committee]
Trudy Inst. lesa i drev. (15c)	Akademiia nauk SSSR. Sibirskoe otdelenie. Institut lesa i drevesiny. Trudy [Academy of Sciences of the U. S. S. R. Siberian Department. Institute of Forest and Wood. Transactions]
Trudy Inst. okean.	k SSSR. Institut okeanologii. Trudy Sciences of the U. S. S. R. Institute of Transactions]
	ia sel'skokhoziaistvennykh nauk. nogradarstva. Trudy [Kazakh Sciences. Institute of Fruit nsactions]
Trudy Inst. pochv. AN Kazakh. SSR (15a)	Akademiia nauk Kazakhskoi SSR, Alma-Ata. Institut pochvovedeniia. Trudy [Academy of Sciences of the Kazakh S. S. R Institute of Soil Science. Transactions]
Trudy Inst. zool. AN Kazakh. SSR (13c)	Akademiia nauk Kazakhskoi SSR, Alma-Ata. Institut zoologii. Trudy [Academy of Sciences of the Kazakh S. S. R. Institute of Zoology. Transactions]
Trudy KHIIT (16g)	Kharkov. Instytut inzheneriv zaliznychnoho transportu. Trudy [Institute of Railroad Transportation Engineers. Transactions]
Trudy Khab. med. inst. (14a)	ǂKhabarovsk. Meditsinskii institut, Trudy [Medical Institute. Transactions]
Trudy LGBI (2b)	Leningrad, Gosudarstvennyi bibliotechnyi institut. Trudy [State Library Institute. Transactions]
Trudy LOII AN SSSR (4a)	Akademiia nauk SSSR, Institut istorii. Leningradskoe otdelenie. Trudy [Academy of Sciences of the U. S. S. R. Institute of History. Leningrad Branch. Transactions]
Trudy Len. khim.-farm. inst. (14f)	Leningrad. Khimiko-farmatsevticheskii institut. Trudy [Pharmaceutical Chemistry Institute. Transactions]
Trudy [Len.] publ. bibl. (2a)	Leningrad. Publichnaia biblioteka. Trudy [Public Library. Transactions]
Trudy MAI (16b)	Moscow. Aviatsionnyi institut. Trudy [Aeronautical Institute. Transactions]
Trudy MIIT (16g)	Moscow. Moskovskii institut inzhenerov zheleznodorozhnogo transporta. Trudy [Moscow Institute of Engineers of Railroad Transportation. Transactions]
Trudy MakNII (16h)	Makeyevka. Nauchno-issledovatel'skii institut po bezopasnosti rabot v gornoi promyshlennosti. Trudy [Scientific Research Institute for Mine Safety. Transactions]
Trudy Mold nauch.-issl. inst. sad., vin. (15d)	Kishinev Moldavskii nauchno-issledovatel'skii institut sadovodstva, vinogradarstva i vinodeliia. Trudy [Moldavian Scientific Research Institute of Fruit Culture, Viticulture, and Wine Making. Transactions]
Trudy Mosk mat ob-va (13e)	Moskovskoe matematicheskoe obshchestvo. Trudy [Moscow Mathematical Society. Transactions]
Trudy NIVI (15b)	ǂMinsk. Nauchno-issledovatel'skii veterinarnyi institut. Trudy [Veterinary Research Institute. Transactions]
Trudy Nauch.-issl. inst. stom. (14h)	ǂOdessa Nauchno-issledovatel'skii institut stomatologii Trudy [Scientific Research Institute of Stomatology. Transactions]
Trudy SGPK (16h)	Russia (1923- U.S.S.R.) Soiuznaia geologopoiskovaia kontora. Trudy [All-Union Geological Prospecting Office. Transactions]
Trudy Sem. po kach. poverkh. (16g)	Akademiia nauk SSSR Komissiia po tekhnologii mashinostroeniia Seminar po kachestvu poverkhnosti Trudy [Academy of Sciences of the U. S S R. Commission on the Technology of Machine Construction. Seminar on the Quality of Surfaces. Transactions]
Trudy TSGL (13c)	Michurinsk. TSentral'naia geneticheskaia laboratoriia imeni I. V. Michurina. Trudy [I. V. Michurin Central Laboratory of Genetics. Transactions]
Trudy TSNIISK (16d)	Akademiia stroitel'stva i arkhitektury SSSR. Institut stroitel'nykh konstruktsii. Trudy [Academy of Construction and Architecture of the U.S.S.R. Institute of Construction Design. Transactions]
Trudy VNIRO (16g)	ǂLeningrad. Nauchno-issledovatel'skii institut mekhanizatsii rybnoi promyshlennosti Trudy [Scientific Research Institute for the Mechanization of the Fishing Industry. Transactions]
Trudy VNIRO (15b)	Moscow Vsesoiuznyi nauchno-issledovatel'skii institut morskogo rybnogo khoziaistva i okeanografii Trudy [All-Union Scientific Research Institute of Marine Fisheries and Oceanography. Transactions]
Trudy VSGI SO AN SSSR (12c)	ǂAkademiia nauk SSSR Sibirskoe otdelenie. Vostochno-Sibirskii geologicheskii institut. Trudy [Academy of Sciences of the U. S S. R. Siberian Department. East Siberian Geological Institute. Transactions]
Trudy Vost.-Sib. fil. AN SSSR (1a)	Akademiia nauk SSSR. Vostochno-Sibirskii filial, Irkutsk. Trudy [Academy of Sciences of the U. S. S. R. East Siberian Branch. Transactions]
Trudy Vses. nauch.-issl. inst. lub. kul't. (15d)	Glukhov. Vsesoiuznyi nauchno-issledovatel'skii institut lubianykh kul'tur. Trudy [All-Union Scientific Research Institute of Bast Fiber Crops. Transactions]
Trudy Zool. inst. (13c)	Akademiia nauk SSSR. Zoologicheskii institut. Trudy [Academy of Sciences of the U. S. S. R. Zoological Institute. Transactions]
TSvet. met. (16h)	TSvetnye metally [Nonferrous Metals]
Uch. angl. iaz o svoei rab (11a)	ǂUchitelia angliiskogo iazyka o svoei rabote [The Teachers of English about their Work]
Uch. zap. Biol.-pochv. fak. Kir. un. (13c)	Frunze. Universitet. Biologo-pochvennyi fakul'tet. Uchenye zapiski [University. Faculty of Biology and Soils. Studies]
Uch. zap. Inst farm i khimioter AMN SSSR (14f)	ǂAkademiia meditsinskikh nauk SSSR, Moscow. Institut farmakologii i khimioterapii. Uchenye zapiski [Academy of Medical Sciences of the U. S. S. R. Institute of Pharmacology and Chemotherapy. Studies]
Uch. zap. kaf. ist. mezhdunar rab i nats.-osv. dvizh (6)	Uchenye zapiski kafedr istorii mezhdunarodnogo rabochego i natsional'no-osvoboditel'nogo dvizheniia vysshikh partiinykh shkol [Studies by the Departments of the History of the International Workers' and National Liberation Movements of Higher Party Schools]
Uch. zap LGU (1a)	Leningrad Universitet. Uchenye zapiski [University Studies]
Uch. zap. Pyat. gos. nauch.-issl. bal'n. inst. (14e)	ǂPyatigorsk, Gosudarstvennyi nauchno-issledovatel'skii bal'neologicheskii institut. Uchenye zapiski [State Scientific Research Balneological Institute. Studies]
Uch. zap. RGPI (1a)	Ryazan. Gosudarstvennyi pedagogicheskii institut. Uchenye zapiski [State Pedagogical Institute. Studies]
Uchet i fin. v kolkhoz. i sovkhoz. (6b)	Uchet i finansy v kolkhozakh i sovkhozakh [Accounting and Finance on Collective and State Farms]
Ugol' (16h)	Ugol' [Coal]
Ugol' Ukr. (16h)	Ugol' Ukrainy [Coal of the Ukraine]
Ukr. khim. zhur. (13d)	Ukrainskii khimicheskii zhurnal [Ukrainian Chemical Journal]
Ukraina (1b)	Ukraina [The Ukraine]
Uzb. geol. zhur. (12c)	Uzbekskii geologicheskii zhurnal [Uzbek Geological Journal]
Uzbekiston (1b)	Üzbekiston [Uzbekistan]
Ved. Verkh. Sov. RSFSR (6)	Russia (1917- R.S.F.S.R.) Verkhovnyi Sovet. Vedomosti [Supreme Soviet. Gazette]

Ved. Verkh. Sov. SSSR (6)	Russia (1923– U.S.S.R.) Verkhovnyi Sovet. Vedomosti [Supreme Soviet. Gazette]
Vest. AMN SSSR (14a)	Akademiia meditsinskikh nauk SSSR, Moscow, Vestnik [Academy of Medical Sciences of the U.S.S.R. Journal]
Vest. AN SSSR (1a)	Akademiia nauk SSSR. Vestnik [Academy of Sciences of the U.S.S.R. Journal]
Vest. drev ist. (4a)	Akademiia nauk SSSR. Institut istorii. Vestnik drevnei istorii [Academy of Sciences of the U.S.S.R. Institute of History. Review of Ancient History]
Vest. elektroprom. (16e)	Vestnik elektropromyshlennosti [Review of the Electrical Industry]
Vest. khir. (14b)	Vestnik khirurgii [Review of Surgery]
Vest. LGU (1a)	Leningrad. Universitet. Vestnik [University. Review]
Vest. mashinosti. (16g)	Vestnik mashinostroeniia [Machine-Building Review]
Vest. Mosk. un. Ser. 3: Fiz., astron. (13f)	Moscow. Universitet. Vestnik. Serila 3: Fizika, astronomiia [University Review. Series 3: Physics, Astronomy]
Vest. Mosk. un. Ser. 5 Geog. (12b)	Moscow. Universitet. Vestnik. Serila 5: Geografiia [University. Review. Series 5: Geography]
Vest. Mosk. un. Ser. 10 Pravo (7)	Moscow. Universitet. Vestnik. Serila 10 Pravo [University. Review Series 10 Law]
Vest sel'khoz. nauki [Kazakh.] (15a)	Vestnik sel'skokhoziaistvennoi nauki [Review of Agricultural Science] Kazakhstan
Vest stat. (5b)	Vestnik statistiki [Statistical Review]
Vest. vys. shkoly (8a)	Vestnik vysshei shkoly [Review of Schools for Higher Education]
Visnyk sil'hosp. nauky (15a)	Visnyk sil's'kohospodars'koi nauky [Review of Agricultural Science]
Viz. vrem. (4a)	Vizantiiskii vremennik [Byzantine Chronicle]
Vneshn. torg. (5a)	Vneshniaia torgovlia [Foreign Trade]
Voen.-ist. zhur. (4a)	Voenno-istoricheskii zhurnal [Military History Journal]
Voen.-med. zhur. (14a)	Voenno-meditsinskii zhurnal [Journal of Military Medicine]
Voen. vest. (17a)	Voennyi vestnik [Military Review]
Voen. znan (17a)	Voennye znaniia [Military Knowledge]
Voiov. ateist (3b)	Voiovnychyi ateist [Militant Atheist]
Vokrug sveta (12b)	Vokrug sveta [Around the World]
Vop. din. teor. raspr seism. voln (16h)	Voprosy dinamicheskoi teorii rasprostraneniia seismicheskikh voln [Problems of the Dynamic Theory of the Propagation of Seismic Waves]
Vop elektropat i elektrotrav (14e)	Voprosy elektropatologii i elektrotravmatizma [Problems of Electropathology and Electrotraumatism]
Vop. filos. (3a)	Voprosy filosofii [Problems of Philosophy]
Vop. geog. (12b)	Voprosy geografii [Problems of Geography]
Vop. gidr. (16d)	Voprosy gidrotekhniki [Problems of Hydraulic Engineering]
Vop. ikht. (13c)	Voprosy ikhtiologii [Problems in Ichthyology]
Vop. ist. (4a)	Voprosy istorii [Problems of History]
Vop. pit. (13c)	Voprosy pitaniia [Problems of Nutrition]
Vrach. delo (14a)	Vrachebnoe delo [Medical Practice]
Vsem. prof. dvizh. (5d)	Vsemirnoe profsoiuznoe dvizhenie [World Trade-Union Movement]
Za bezop. dvizh. (16g)	Za bezopasnost' dvizheniia [For Traffic Safety]
Zap. Vses. min. ob-va (12c)	Vsesoiuznoe mineralogicheskoe obshchestvo. Zapiski [All-Union Mineralogical Society. Records]
Zarub. radioelek. (16c)	Zarubezhnaia radioelektronika [Radio Engineering Abroad]
Zav. lab. (16h)	Zavodskaia laboratoriia [The Factory Laboratory]
Zdorov'e (14a)	Zdorov'e [Health]
Zdrav. Bel. (14a)	Zdravookhranenie Belorussii [Health Service of White Russia]
Zdrav. Ros. Feder. (14a)	Zdravookhranenie Rossiiskoi Federatsii [Health Service of the Russian Federation]
Zemledelie (15d)	Zemledelie [Agriculture]
Zhil.-kom khoz. (16d)	Zhilishchno-kommunal'noe khoziaistvo [Communal Housing and Services]
Zhur. eksp. i teor. fiz. (13f)	Zhurnal eksperimental'noi i teoreticheskoi fiziki [Journal of Experimental and Theoretical Physics]
Zhur. mikrobiol., epid. i immun (14a)	Zhurnal mikrobiologii, epidemiologii i immunobiologii [Journal of Microbiology, Epidemiology, and Immunobiology]
Zhur. mod (16f)	Zhurnal mod [Fashion Magazine]
Zhur. neorg. khim. (13d)	Zhurnal neorganicheskoi khimii [Journal of Inorganic Chemistry]
Zhur. VKHO (13d)	Vsesoiuznoe khimicheskoe obshchestvo imeni D.I. Mendeleeva Zhurnal [D.I. Mendeleev All-Union Chemical Society. Journal]
Znan. ta pratsia (13a)	Znannia ta pratsia [Knowledge and Work]
Zool. sbor. (13c)	Zoologicheskii sbornik [Zoological Review]

ACTH
Effect of the adrenocorticotropic hormone (ACTH) and cortisone on the secretory and motor function of the stomach. A. D. Kachanov. Trudy Len. khim.-farm inst no. 13:233-244 '61.
Effect of the adrenocorticotropic hormone (ACTH), cortisone, and butadione on the course of experimental dystrophy of the stomach. A. D. Kachanov Trudy Len. khim.-farm. inst. no. 13:229-232 '61.

ABACUS
Kononenko, A. I. [Calculations on an abacus; practical aid for teachers and accountants] Vychisleniia na schetakh, prakticheskoe posobie dlia prepodavatelei i schetnykh rabotnikov. Khar'kov Izd-vo knizhnoi palaty USSR, 1961. 128 p.

ABCISSION (BOTANY) see subdivision under Volga Valley

ABDOMEN—DISEASES
A few words on angina abdominis. A. I. Bernshtein. Uch. zap. Pyat. gos. nauch.-issl. bal'n. inst. 3 295-306 '60.
Surgery of acute diseases of the abdominal organs in elderly and old persons. N. I. Truten'. Sov. med. 26 no. 8:53-56 Ag '62.

ABDOMINAL ANEURYSM
Surgical treatment of aneurysms of the abdominal aorta [with summary in English]. B. V. Petrovskii. Khirurgiia no. 9:3-10 '62.

ABDULLAEV, KHABIB MUKHAMEDOVICH, 1912-1962
Khabib Mukhamedovich Abdullaev; obituary. Kh. F. Faiziev. Izv. AN Uz. SSR, Ser. tekh. nauk 6 no. 5:99 '62.
Khabib Mukhamedovich Abdullaev, obituary. Sov. geol. 5 no. 10:144-145 O '62.

ABELIAN GROUPS
Recursive Abelian groups. A. I. Mal'tsev. Dokl. AN SSSR 146 no. 5:1009-1012 O '62.

ABILITY—TESTING
Psychological exercise. Nauka i zhizn' 29 no. 9:21 S '62.

ABRASION
Apparatus for testing metals for hydroabrasive wear. S. P. Kozyrev Zav. lab 28 no 10:1254-1255 '62.

ABRASIVE WHEELS see Grinding wheels

ABSOLUTE DIFFERENTIAL CALCULUS see Calculus of tensors

ABSORPTION
Rate of absorption of certain gases by mercury on its surface. V. A. Pliankov Ukr. khim zhur 28 no 5 585-589 '62.
Theory of edge absorption in semiconductors. E. I. Rashba, G. E. Gurgenishvili. Fiz. tver. tela 4 no. 4: 1029-1031 Ap '62.

ABSORPTION (PHYSIOLOGY)
Effect of the state of the nervous system on the absorptive capacity of the tongue; an experimental study. A. I. Marchenko. Trudy Nauch.-issl. inst. stom. no. 10, 122-128 '62.
Kolesov, I. I. [Absorptive activity of the root systems of plants] Poglotitel'naia deiatel'nost' kornevykh sistem rastenii. Moskva, Izd-vo Akad. nauk SSSR 1962. 387 p.

ABSORPTION OF LIGHT
Low temperature light absorption by current carriers in some semiconductors. V. A. IAkovlev. Fiz. tver. tela 4 no. 4:1046-1049 Ap '62.

ABSORPTION OF SOUND
Theory of sound absorption in piezoelectrics. V. L. Gurevich. Fiz. tver. tela 4 no. 4 909-917 Ap '62.

ABSTRACT ART see Art, Abstract

ABSTRACT METRICS see Distance geometry

ABSTRACTING AND INDEXING SERVICES—BIBLIOGRAPHY see Bibliography—Abstracting and indexing services

ACACIA—DISEASES AND PESTS see subdivision under Siberia, Western

ACADEMIC DISSERTATIONS see Dissertations, Academic

ACADEMIES (LEARNED SOCIETIES) see Learned institutions and societies

ACADEMY OF SCIENCES OF THE U. S. S. R.
Election of new full and corresponding members of the Academy of Sciences of the U. S. S. R. K. O. Lange. Izv AN SSSR, Ser. geog. no. 5:184 S-O '62.
General Meeting of the Department of Chemical Sciences of the Academy of Sciences of the U. S. S. R held on May 22-23, 1962 Izv AN SSSR Otd khim nauk no. 10: 1898-1899 O '62
Gold medals and individual prizes to be awarded by the Academy of sciences of the U. S. S. R. in 1962. Vest. AN SSSR 32 no. 10:99-100 O '62.
New members of the Academy of Sciences of the U. S. S. R. T. A. Osipova. Izv. AN SSSR Ser. geol. no 10:127-128 O '62.

ACADEMY OF SCIENCES OF THE UKRAINIAN S. S. R
Activity of the seminar on mechanics at the Department of Technical Sciences of the Academy of Sciences of the Ukrainian S. S. R. at the end of 1961 and in the first half of 1962. V. O. Kuz'menko. Prykl. mekh. 8 no. 6:684-686 '62.

ACCADIANS (SUMERIANS) see Sumerians

ACCELEROMETERS
A dual piezoelectric acceleration meter for measuring gradual acceleration. A. A. Odintsov. Izv. LETI 57 no. 10:140-147 '59.

ACCOMPLICES
Decision No. 11 of the plenary session of the Supreme Court of the U. S. S. R. of July 31, 1962 "The trials of accessories after the fact who sheltered criminals or purchased and sold stolen property." Biul. Verkh. Suda no. 5:17-19 '62.
Responsibility for sheltering a criminal and a failure to report committed crimes. V. Alekseev. Sov. just. no. 20:22-24 O '62.

ACCOUNTING
(see also subdivision under Czechoslovakia; Gorkiy Province, Karaganda Province; Kharkov Province; Leningrad Province, Lugansk Province; Moldavia; Novosibirsk Province; Odessa Province, Saratov Province; Vinnitsa Province; Vologda Province; White Russia)
Accounting and the maintenance of socialist property. I. Kuznetsov. Bukhg. uchet 19 no. 9:7-11 S '62.
Experience, practice, initiative. Bukhg. uchet 19 no. 6 65-69 Je '62.
A guard of the national treasury.... N. Veitsman. Bukhg. uchet 19 no. 9:36-37 S '62.
In the Methodological Council. Bukhg. uchet 19 no. 6: 75-77 Je '62.
Ivanov, N. N. [Accounting for production expenditures and the calculation of production costs] Uchet zatrat na proizvodstvo i kal'kulirovanie sebestoimosti produktsii. Moskva, Gosfinizdat, 1961. 94 p. (Biblioteka bukhgaltera)
(MH)
Review of newspapers. Bukhg. uchet 19 no. 9:65-69 S '62.
The role of accounting in the economy of industrial enterprises. A. Airumov, V. Zagorodniuk. Komm. Uz. 34 no. 7, 53-60 Jl '62.
"The theory of accounting" by A. L. Bykova. Book review. Bukhg. uchet 19 no. 6 72 Je '62.

ACCOUNTING—CONGRESSES
Conference on the standard accounting method. Bukhg. uchet 19 no. 9:74-76 S '62.

ACCOUNTING—HANDBOOKS, MANUALS, ETC.
"Accounting manual" by V. A. Goloshchapov. Reviewed by L. Sibiriakov. Bukhg. uchet 19 no. 6:73-74 Je '62.

ACCOUNTING—PERIODICALS
Readers' conference Bukhg. uchet 19 no. 6 77-78 Je '62.

ACCOUNTING—STUDY AND TEACHING
(see also subdivision under Kharkov)
Improve the quality of training accountants. P. Vlasov, S. Seleznev. Bukhg uchet 19 no. 9 33-36 S '62.
Training academic personnel in accounting. G. Tatish. Bukhg. uchet 19 no. 9 28-33 S '62.

ACCOUNTING MACHINES
Min'kovskii, E. M., and N. N. Ovsiannikov. [The KEIRS and SARS computer models, a manual for training operators] Vychislitel'nye mashiny modelei KELRS i SARS; posobie dlia obucheniia tekhnike raboty na mashinakh. Moskva, Gosstatizdat, 1962. 98 p.

ACETAL
Hydrolysis of acetal bonds in an acid medium in the compounds modeling some modified celluloses. Z. I. Kuznetsova, V. I. Ivanov, M. G. Ovchinnikova. Izv AN SSSR. Otd khim nauk no. 10 1886-1888 O '62

ACETALDEHYDE
Study of the conversion of ethyl alcohol to acetaldehyde by the method of separate calorimetric measurement. Part 2. Role of oxygen in the process of alcohol conversion. T. P. Kornienko, F. G. Kapustina, M. V. Polinkov. Ukr. khim. zhur. 28 no. 3 343-346 '62.
Synthesis of halogenated acetaldehyde hydrates. L. L. Shchukovskaia, S. N. Ushakov, N. K. Galanina. Izv. AN SSSR, Otd. khim. nauk no. 9 1602-1603 S '62.
Synthesis of vinylxylene based on xylene and acetaldehyde. A. V. Bondarenko and others. Neftekhimiia 2 no. 4: 585-591 Jl-Ag '62.

ACETAMIDE
Effectiveness of syntomycin treatment in the tick-borne and historic forms of exanthematous typhus. R. IA. Kiseeva, A. P. Katusha. Trudy Khab. med. inst. no. 26: 114-118 '60.
Some peripheral blood indices in children with typhoid fever and paratyphoid B treated with syntomycin and symptomatic agents. R. IA. Kiseeva. Trudy Khab. med. inst. no. 20:57-63 '60.

ACETIC ACID
Effect of papaverine and tiphen on the course of experimental myocardial infarct in dogs. A. F. Ryzhova. Trudy Len. khim.-farm. inst. no. 13:197-202 '61.
Reactions of lithium halides with acetic acid in acetone. D. IA. Gorenbein. Ukr. khim. zhur. 28 no. 6:673-674 '62.

ACETONAPHTHONE
Preparation of thioindigoid dyes by sulfuration of acetylnaphthalenes. I. A. Troianov, G. M. Oksengendler, E. F. Kostomarova. Ukr. khim. zhur. 28 no. 3:367-370 '62.

ACETONITRILE
Electrocapillary curves on mercury of acetonitrile solutions. G. A. Kokhinskii. Ukr. khim. zhur. 28 no. 6:693-698 '62.

ACETYLATION
Catalytic action of amino acids and amines in organic reactions. Part 8: Kinetics and mechanism of acetylation of glycocoll by S-acetylthioglycolic acid. A. A. IAsnikov, T. S. Boiko. Ukr. khim. zhur. 28 no. 3:347-358 '62.

ACETYLENE
Preparation of "diphenols" on the basis of acetylenic hydrocarbons. V. L. Vaiser, V. D. Riabov. Neftekhimiia 2 no. 4 577-584 Jl-Ag '62.

ACETYLENE COMPOUNDS
Comment to the work by Brandsma and Arens "Di-(alkyn-1-yl) sulfides." L. I. Zakharkin, G. G. Zhigareva Izv. AN SSSR, Otd. khim. nauk no 10 1871-1872 O '62
Contribution to the theory of nucleophilic reactions Part 8. Addition of hydrogen chloride to acetylene derivatives in methyl alcohol G. F. Dvorko, E. A. Shilov Ukr. khim zhur. 28 no 5 626-632 '62.
Synthesis of organosilicon diacetylenic alcohols having conjugated triple bonds. N. V. Komarov, N. V. Semenova. Izv. AN SSSR, Otd khim. nauk no. 9:1694 S '62.

ACHROMATISM
Editor's mail. Fiz. v shkole 22 no. 1 95-96 Jl-Ag '62.

ACIDS
Kinetics and mechanism of the addition of weak acid anions to N-benzyl-1,4-dihydronicotinamide O M Grishin, A A. IAsnikov. Ukr. khim zhur 28 no 6 707-713 '62.

ACIDS, FATTY
Amount of polyunsaturated fatty acids in animal fats. IU. N, Linskovskaia, V. I. Pirl'skaia. Vop. pit. 21 no 3 87-88 My-Je '62.
Effect of dilution with an inert solvent on the process of oxidative decarboxylation of fatty acids L K Obukhova, V M Gol'dberg. Izv AN SSSR Otd khim nauk no 10 1804 O '62.
Total synthesis of linoleic, linolenic, arachidonic, and docosatetraen-7, 10, 13, 16-ic acids. A A Kraevskii and others Dokl. AN SSSR 146 no. 6 1349-1351 O '62

ACIDS, ORGANIC
Electrochemical synthesis of dicarboxylic acids A I Kamneva and others. Neftekhimiia 2 no 4 550-556 Jl-Ag '62
Preparation of aromatic dicarboxylic acids and their chlorides. N K Moshchinskaia and others Neftekhimiia 2 no 4 541-549 Jl-Ag '62
Role of acid chloride hydrolysis of some aliphatic and aromatic dicarboxylic acids in the process of interfacial polycondensation V. V. Korshak and others Izv AN SSSR Otd khim nauk no 10 1807-1813 O '62
Synthesis of higher unsaturated dicarboxylic acids by the electrolysis of lower acid monoesters in the presence of 1, 2-butadiene M IA. Fioshin and others Neftekhimiia 2 no 4 557-565 Jl-Ag '62
Viscosity and density of solutions of carboxylic acids. L. A. Kotorlenko. Ukr. khim. zhur. 28 no 3 333-337 '62.

ACOUSTICAL MATERIALS—STANDARDS
"Insulating and acoustical materials and products," Biul. stroit. tekh. 19 no. 10:6-8 O '62.

ACQUISITIONS (LIBRARIES)
[New foreign books received by the library system of the Academy of Sciences of the U. S. S. R.] Nov. inostr knigi, postup. v sist. Bibl. AN SSSR nos. 123-124 '62.

ACROLEIN
Reactions of an aqueous solution of polyacrolein with inorganic salts. M. M. Koton and others. Dokl. AN SSSR 146 no. 3:608-610 S '62.
Synthesis and some transformations of β-substituted acroleins. V. T. Klimko, T. V. Protopopova, A. P. Skoldinov. Dokl. AN SSSR 146 no. 5:1084-1087 O '62.

ACRYLAMIDE
Synthesis of polymerizing organometallic compounds of phthalic acid N-vinyl amide and N-(o, p-carboxyphenyl) acryl (methacrylyl) amides. T. M. Kiseleva, M. M. Koton, G. M. Chetyrkina. Izv AN SSSR, Otd khim nauk no. 10, 1798-1804 O '62

ACRYLONITRILE
Polymer preparations of the series K. K. S. Akimedov, S. Z. Zainutdinov, T. M. Sidorova. Priroda 51 no. 10 58-59 O '62.

ACTING—STUDY AND TEACHING see subdivision under Moscow

ACTINIDE COMPOUNDS
Determination of the composition and stability constants of rhodanide complexes of $Am^{(III)}$, $Cm^{(III)}$, and $Ce^{(III)}$ by the ion exchange method. I. A. Lebedev, G. N. IAkovlev. Radiokhimiia 4 no. 3:304-306 '62.

ACTINOMYCES
Variability of Actinomyces antibioticus strain 174-8 under the action of actinophages. I. V. Fedorova. Nauch. dokl. vys. shkoly, biol. nauki no. 4:168-172 '62.

ACTIVATION ANALYSIS see Radioactivation analysis

ACUPUNCTURE
Use of the method of acupuncture on the auricula ("Er-Chzhen'-Liao" [Erh-Chên-Liao]) for the differential diagnosis and therapy of disorders of the motor evacuatory function of the stomach [with summary in English] IA. M. Balaban, L. G. Rozenfel'd. Vrach. delo no. 10 98-99 O '62.

ACUTE CATARRHAL JAUNDICE see Hepatitis, Infectious

ACYLATION
Catalytic action of amino acids and amines in organic reactions Part 9 Acetylation of aniline by acetylthioglycolic acid A A IAsnikov, T S Botko. Ukr khim zhur 28 no 5 624-626 '62
Structure and reactivity of aromatic amines. L. M. Litvinenko. Izv. AN SSSR, Otd. khim. nauk no. 10:1737-1748 O '62.

ADAPTATION (BIOLOGY)
Conference on the problem of compensatory adaptations. Zdrav. Bel. 8 no. 5:67-69 My '62.
Discussion on the scientific reports at the general meeting of the Department of Clinical Medicine. Vest. AMN SSSR 17 no. 5:69-71 '62.

Filippovich, S. I. [Adaptive processes in disorders of the activity of the digestive system] O prisposobitel'nykh protsessakh pri narushenitakh deiatel'nosti pishchevaritel'not sistemy. Moskva, Medgiz, 1962. 166 p. (DNLM)
General adaptation reactions during the action on the body of noxious stimuli. I. R Petrov Vest AMN SSSR 17 no 5 87-93 '62
Nature and significance of compensation and adaptation in the treatment of chronic diseases of the digestive organs under health resort conditions. R L. Blokh Uch zap. Pyat. gos. nauch -issl. bal'n inst. 3 219-230 '60.
Problem of compensation in surgery. A A Vishnevskii, L. L. Shik Vest. AMN SSSR 17 no. 5 43-47 '62
Slonim, A. D. [Specialized ecological physiology of mammals] Chastnaia ekologicheskaia fiziologiia mlekopitaiushchikh. Moskva, Izd-vo Akad. nauk SSSR, 1962. 496 p.
Stimulation of the protective functions of the body by physical factors A. N. Obrosov, F. D Vasilenko, E B Markovnikova Vest AMN SSSR 17 no. 5 64-68 '62

ADENINE
Synthesis of some derivatives of adenine. S. I. Manolov and others Trudy Len. khim. -farm. inst no. 13 49-54 '61.

ADENOSINETRIPHOSPHORIC ACID
Effect of adenosinetriphosphoric acid on the restoration of the function of transplanted muscles in poliomyelitis patients [with summary in English]. A. V. Burichenko, O N Shcheban', A. S. IAnkovskaia. Vrach. delo no 10 101-107 O '62.

ADHESION
Determination of polymer to metal bonding S. S. Voiutskii, IU. I Markin Zav lab 28 no 10:1203-1205 '62
Determining the adhesion forces between solids. S. B. Ainbinder, E. F. Klokova. Dokl. AN SSSR 146 no. 5: 1058-1060 O '62.

ADHESIVES
All-purpose adhesive (from "Przeglad kilejowy," no 7, 1961). D P. Gaidamakov Put' i put khoz 6 no 8 18 '62
Kettle for glue cooling. IU. V. Valiaev. Sakh. prom. 36 no. 10:35-36 O '62.
Use of indene-coumarone resins in adhesive compositions for finishing polymer materials. V P Listkova and others. Sbor. trud VNIINSM no 5:75-81 '61.

ADHESIVES—TESTING
Gluing processes, manufacture technology of the dextrin adhesive, and methods of its testing. E. A. Gusev. Sakh. prom. 36 no. 10:31-34 O '62.

ADMINISTRATION OF JUSTICE see Justice, Administration of

ADMINISTRATIVE ECONOMIC COUNCILS
Onipko, N. Z., and P. M. Petrenko. [How public prosecutors supervise the observance of laws by economic councils] Prokurorskii nadzor za sobliudeniem zakonnosti v deiatel'nosti sovnarkhozov. Otvet. red. G. P. Toropov. Moskva, Gosiurizdat, 1962. 56 p.

ADMINISTRATIVE LAW
A conference on the problems of administrative law. A. Alekhin, V. Mal'kov. Vest. Mosk. un. Ser. 10 Pravo 17 no. 3:76-78 Jl-S '62.
Merkel', E. V. [Soviet administrative, civil, and labor law, practical exercises for the correspondence students of the Friedrich Engels Institute of Soviet Commerce in Leningrad] Sovetskoe administrativnoe, grazhdanskoe i trudovoe pravo, sbornik prakticheskikh upriazhnenii dlia studentov zaochnogo otdeleniia Leningradskogo instituta sovetskoi torgovli im. Fr Engel'sa Leningrad, Leningr. in-t sovetskoi torgovli im. Fr. Engel'sa, 1962. 86 p

ADMINISTRATIVE REMEDIES
Let's intensify our efforts to do away with a bureaucratic attitude to Soviet citizens' complaints V Remnev Sots. zakon 39 no 11:9-14 N '62.

ADOLESCENCE
"Early springs are dear to my heart, ..." A. Sergeeva. Semia i shkola 17 no. 10:26-27 O '62.

ADRENAL CORTEX
Functional disorder of the adrenal cortex in schizophrenia and related problems of therapy. A. U. Tibilova. Trudy Gos. nauch. -issl. inst. psikh. 27:83-86 '61.
Functional state of the hypophysis-adrenal cortex system during digestion under normal and pathological conditions. E. G. Gromova. Trudy Len. khim -farm inst. no. 13:253-256 '61.

ADRENAL GLANDS
Compensatory hypertrophy of the adrenal glands at different time intervals after partial decortication of the cerebral hemispheres in rats. I. I. Ivanova, P. A. Vunder. Nauch. dokl. vys. shkoly, biol. nauki no. 4:84-88 '62.
Role of the hypophysial-adrenal system in immunological and infectious processes. V. I. Ioffe, L. P. Kopytovskaia. Vest. AMN SSSR 17 no. 5:24-28 '62.

ADRENALINE
Dynamic change in the blood sugar content in schizophrenics during the combined action of insulin and adrenaline G. P. Bakhanov Trudy Gos. nauch -issl. inst. psikh 27 112-119 '61
Study of the content of adrenergic substances in the blood as a characteristic of some functions of the vegetative nervous system in the catatonic form of schizophrenia F. A. Goncharova. Trudy Gos. nauch. -issl. in-t psikh. 27 127-131 '61.

ADRENOCORTICOTROPIC HORMONES see ACTH

ADRIATIC SEA—HYDROLOGY
Seasonal fluctuations of sea level on the eastern shore of the Adriatic Sea [with summary in English] B N Filiushkin. Trudy Inst okean 56 307-312 '62.

ADSORBENTS
Natural and synthetic silicate adsorbents S. P. Zhdanov Vest. AN SSSR 32 no 10 60-64 O '62

ADSORPTION
Chromatographic concentration. S. IU. Elovich Izv AN SSSR, Otd khim nauk no 9 1533-1537 S '62
Geometric configuration of adsorbate molecules and the dimensions of elementary surface areas in the adsorption layer V F. Vasseiberg, A A Balandin, M P Makeimova Izv AN SSSR, Otd khim nauk no 10 1665-1668 O '62
Kinetics of the establishment of adsorption equilibrium during leaching studied with the aid of radioactive indicators. I E. Starik, K F Lazarev Radiokhimiia 4 no. 3:322-328 '62
ADULT EDUCATION see subdivision under Black Sea region; Ventspils

AERATION OF WATER see Water—Aeration

AERIAL BOMBING see Bombing, Aerial

AERIAL PHOTOGRAMMETRY
Moscow. Institut inzhenerov zemleustroistva. [Laboratory work in aerophotogeodesy for land utilization faculties of higher agricultural schools] Laboratornye raboty po aerofotogeodezii; dlia zemleustroitel'nykh fakul'tetov sel'skokhoziaistvennykh vuzov. Pod obshchei red. V. F. Deineko. Moskva, Izd-vo geodez. lit-ry, 1962. 109 p.
Planning a field observation in mountainous regions. P. M. Voinov. Geod. i kart. no. 9:48-50 S '62.
Results of the control of a stereotopographic survey of a flat forested area. M. A. Bliumin. Geod. i kart. no. 9 51-55 S '62.

AERODYNAMICS
Bolonkin, A. A. [Theory of the flight of flying models] Teoriia poleta letaiushchikh modelei. Moskva, Izd-vo DOSAAF, 1962. 311 p.
Determination of low speeds of air flow by means of a Pitot tube with the aid of a differential manometer A. N Efremov Izv vys. ucb. zav., fiz 3 33-34 '62.

AERODYNAMICS, HYPERSONIC
Transverse approximation method in hypersonic aerodynamics [with summary in English] I I, Aleksenko, R. G. Barantsev, I. N. Panteleeva. Vest LGU 17 no. 19: 62-78 '62.

AERODYNAMICS, SUPERSONIC
Flow about a plate at high supersonic speeds V I. Kholiavko. Izv. AN SSSR, Otd. tekh. nauk, Mekh. i mashinostr., no. 5:26-31 S-O '62.

AEROLITES see Meteorites

AERONAUTICAL INSTRUMENTS
Denisov, V. G., and R N. Lopatin. [Flight and navigational instruments, instrument flying] Pilotazhno-navigatsionnye pribory, o pilotirovanii samoleta po priboram. Moskva, Voenizdat, 1962. 108 p.
Gavrilov, A. N. [Technological processes in the manufacture of aeronautical instruments] Tekhnologiia aviatsionnogo priborostroeniia. Izd. 2., perer. i dop. Moskva, Oborongiz, 1962. 472 p.

AERONAUTICAL SOCIETIES see subdivision under Dymor

AERONAUTICS
Facts, events, people. Kryl. rod. 13 no. 9:14-15 S '62.
First in the world. Votov. ateist no. 10:22 O '62.
Flight safety. N. Shchepankov. Av. i kosm 45 no 6: 50-53 '62.
It is interesting to know this. Kryl. rod. 13 no. 10:23 O '62.

AERONAUTICS—ABSTRACTS
[Air transportation] Ref. zhur. : Vozd. transp. no. 11 N '62.

AERONAUTICS—COMPETITIONS
(see also subdivision under Budaors; Kostroma)
Hard-fought competitions. V. Turlian. Kryl. rod. 13 no. 10:25 O '62.

AERONAUTICS—HISTORY

From the history of Russian aeronautics. N. Semenkevich. Kryl. rod. 13 no. 9 24 S '62.

AERONAUTICS, MILITARY

The inexhaustible source. P. Nevzorov Kryl. rod. 13 no. 10:6-8 O '62.

Work in such a way that every flight is a step ahead G Golubev, B Nikitin Av i kosm 15 no 6 31-39 '62

AERONAUTICS, MILITARY—OBSERVATIONS

Reconnaissance sortie. G. Dletskikh. Av. i kosm. 45 no. 10:10-42 '62.

AERONAUTICS IN AGRICULTURE

Dusting and spraying by using helicopters in mountain regions. A. V. Funikov Les. khoz 15 no. 6:64 Je '62.

AERONAUTICS IN SURVEYING

Practice of operations in airborne radar leveling. N. P. Kozhevnikov. Geod. i kart. no. 9:39-48 S '62.

Study of errors occurring during the observation of fixed nets in aeromagnetometry. R. T. Vasil'ev. Prikl. geofiz. no. 33:124-131 '62.

AEROSOL THERAPY

Practice of developing, equipping, and studying electric aerosol apparatus for preventing and treating occupational pneumoconiosis. I. A. Nel'son. Sbor. rab. po stilk no. 3:163-170 '61.

AEROSOLS

Disinfection of surfaces with small doses of disinfectants applied by means of pneumatic atomizers [with summary in English]. P. I Nikitin, K. K. Luneva, N. I. Romicheva. Zhur. mikrobiol., epid. i immun. 33 no. 8: 30-34 Ag '62.

Errors of the microphotographing method in determining the microstructure of aerosols. S. S. Khmelevtsov. Izv. vys. uch. zav., fiz. 3:164-169 '62.

Possibility for using the method of difference in calculating the coefficient of light attenuation for the aerosol component of the atmosphere. S. D. Tvorogov Izv. vys. uch. zav.; fiz. 3:174-175 '62.

AESTHETICS

Aesthetics and work. I. L. Sosenkin. Izv. AN Turk. SSR. Ser. obshchestv. nauk no. 5:16-34 '62.

Mazepa, V. I. [V. I. Lenin's contribution to Marxist aesthetics, 1907-1910] Rozvytok V. I. Leninym marksystsʹkoi estetyky, 1907-1910 rr. Kyiv, Vyd-vo Akad. nauk URSR, 1962. 123 p.

Trofimov, P. S. [Aesthetic education of the builders of communism] Esteticheskoe vospitanie stroitelei kommunizma. Moskva, Izd-vo "Znanie," 1962. 45 p. (Novoe v zhizni, nauke, tekhnike. II Seriia Filosofiia, no. 20)

AESTHETICS—STUDY AND TEACHING

Mental outlook expands. N. Osokin. Prof.-tekh. obr. 19 no. 9:22 S '62.

[illegible] education of workers in the period of the large-scale building of communism," Materialy. Novosibirsk, Izd-vo Sibirskogo otd-niia AN SSSR.

No. 3, [Aesthetic education of workers] Esteticheskoe vospitanie trudiashchikhsia. 1962. 106 p.

Vodzinaʹkyi, D. I. [Aesthetic training of students in extracurricular work] Estetychne vykhovannia uchniv u pozaklasnii roboti. Kyiv, Radianʹska shkola, 1962. 57 p.

[illegible] 'rans-Ili Ala-

[illegible] lnskiy sands. [illegible]e '62.

[illegible] by R. T. Nar. Az. i

[illegible] 'rom the [illegible]yn. Trudy

[illegible] ATIONS Afghanistan Franck. Re- [illegible].i Afr. no. 5:

[illegible] ISSIA [illegible]st. AN SSSR

[illegible] ENT [illegible]y R. T. Nar. Az. i

[illegible] ITH RUSSIA [illegible]viet Union [illegible]i goob. Issl. [illegible]ly-Je '62.

AFGHANISTAN—TECHNICAL ASSISTANCE, RUSSIAN

The youth of ancient Herat [with English summary in insert]. L. Alieva. Az. i Afr. seg. no. 10:31-35 O '62.

AFRICA—AGRICULTURE

Agricultural use of tropical soils in Africa [with summary in English] I. A. Denisov Pochvovedenie no 7:87-97 Jl '62.

AFRICA—BIBLIOGRAPHY

[New Soviet and foreign literature on the countries of the non-Soviet East] Nov. sov. i inostr. lit. po stranam zarub. Vost. nos. 6-7 '62.

AFRICA—COMMERCE—RUSSIA

Mutual advantage, broad prospects [with English summary in insert]. V. Katin. Az. i Afr. seg no 10:10-13 O '62.

AFRICA—DESCRIPTION AND TRAVEL

Continent striving for light (continuation). Semig Abdukakhkhar. Uzbekistan 21 no. 9 16-18 S '62

Shinkarenko, A. I. [Around Asia; notes of a Soviet tourist] Vokrug Azii; zametki sovetskogo turista. Vladivostok, Primorskoe knizhnoe izd-vo, 1961. 45 p. illus. (MH)

AFRICA—FOREIGN ECONOMIC RELATIONS—EUROPEAN ECONOMIC COMMUNITY COUNTRIES

"Eurafrica" against Africa A. Goncharov, A. Rubinin. Mir ekon. i mezhdunar. otn. no. 11 95-107 N '62.

AFRICA—FOREIGN ECONOMIC RELATIONS—GERMANY, WEST

No, Mister Krupp is not a friend of the Africans. M. Schumann. Mol. mira no. 4:22-23 '62.

AFRICA—FOREIGN ECONOMIC RELATIONS—UNITED STATES

Strike force of collective colonialism [with English summary in insert]. V. Ushakov. Az. i Afr. seg. no. 10: 14-18 O '62.

AFRICA—FOREIGN RELATIONS—UNITED STATES

"New course," old conflicts. E. Konovalov. Mezhdunar. zhizn' 9 no. 11:43-50 N '62.

AFRICA—ITALIAN COLONIES

Ivanitskii, M. N. [The road to independence; from the history of the solution of the problem of the former Italian colonies, 1945-1950] Put' k nezavisimosti, iz istorii reshenia voprosa o sud'be byvshikh ital'ianskikh kolonii, 1945-1950 Kiev, Izd-vo Akad. nauk USSR, 1962. 134 p.

AFRICA—LAWYERS

Important problems facing the lawyers of Asia and Africa. K. Gorshenin Sots. zakon. 32 no. 11 14-18 N '62.

AFRICA—POLITICS

The liberation and unity of Africa. Kwame Nkrumah Nar. Az. i Afr. no. 5 13-32 '62.

The October Revolution and Africa. K. Brutents Nov. vrem. 20 no. 45:7-9 N '62.

AFRICA—RELATIONS (GENERAL) WITH RUSSIA

U. S. S. R. and Africa. Sov. Soiuz no. 11:44-46 '62

AFRICA, NORTH—WATER, UNDERGROUND

Sliin-Bekchurin, A. I. [Underground waters of North Africa] Podzemnye vody Severnoi Afriki. Moskva, Izd-vo Akad. nauk SSSR, 1962. 201 p. [With summaries in French and English]

AFRICA, SOUTHWEST—POLITICS

History is on our side [with English summary in insert]. Jariretundu Kozonguizi. Az. i Afr. seg. no. 10:26-28 O '62.

United we shall win! E. Biriukov. Az. i Afr. seg. no. 10: 55-56 O '62.

AFRICA, WEST—DESCRIPTION

Linkhovoin, L. L. [Through the countries of Africa] Po stranam Afriki. Ulan-Ude, Buriatskoe knizhnoe izd-vo, 1961. 47 p. illus. (MH)

AFRICAN LITERATURE—HISTORY AND CRITICISM

A discussion on the problem of the formation of realism in the Asian and African literatures. B. Parnikel'. Nar. Az. i Afr. no. 5:214-221 '62.

AFRICAN—POLITICS

Asian and African problems on the pages of the periodical "Aussenpolitik." S. E. Filʹshtinskii Nar. Az. i Afr. no. 5:159-164 '62.

AGARICALES

New species and varieties of fungi. Tremellales and Aphyllophorales. E. Kh. Parmasto. Bot. mat. Otd. spor. rast. 15:125-137 Ja '62.

AGGREGATES

Asymptotic distribution of integral points on a single-cavity hyperboloid, and ergodic theorems. B. F. Skubenko. Izv. AN SSSR. Ser. mat. 26 no. 5:721-752 S-O '62.

Asymptotic value of approximations of multiply differentiable functions by linear positive operators. R. G. Mamedov. Dokl. AN SSSR 146 no. 5:1013-1016 O '62.

AGGREGATES (BUILDING MATERIALS)—TESTING

The value of the coefficient of softening for porous aggregates. M. Z. Simonov. Strol. mat. 8 no. 9:34-36 S '62.

AGING

Effect of testosterone propionate on the conditioned reflex activity of aging dogs. Z. N. Gendzelevskaia. Trudy Gos. nauch.-issl. inst. psikh. 27 340-350 '61.

AGRICULTURAL—WAGES see subdivision under Moscow Province

AGRICULTURAL ADMINISTRATION

(see also subdivision under Alatyr' region, Krasnokutskiy District, Saratov Province; Poltava Province; Saratov Province; Smolensk Province, Tambov Province, Tyulkubas District; Uzbekistan, Zaporozh'ye Province)

How the executive committees of province soviets guide the work of collective farms. B. D. Klinkin. Vest. Mosk. un. Ser. 10; Pravo 17 no. 3 3-11 Jl-S '62.

Party organizations of regional agricultural administrations, a review of letters to the editor. Part. zhizn' no. 21 41-46 N '62.

Raise the economy of lagging farms to the level of the leading ones. Ekon. sel'khoz. 33 no. 9:3-8 S '62.

Strengthen the production administration of collective and state farms in every way possible. Ekon. sel'khoz. 33 no. 8:3-11 Ag '62.

AGRICULTURAL CHEMICALS

Agronomic ores and the problems of their geological study A. M. Gimmel'farb. Vest. AN SSSR 32 no 10. 46-54 O '62

Problems, discoveries and facts. I. Volnov. Ogonek 40 no. 43.24 O '62.

AGRICULTURAL CHEMISTRY

(see also subdivision under Uzbekistan)

Agronomists ask for "weapons." S. A. Melʹnik, P. N Golubev, V. V. Dokuchaev. Smena 30 no 21:10 N '62.

Founder of Russian agricultural chemistry; D. N. Prianishnikov and the chemicalization of agriculture. S. I. Volʹfkovich. Priroda 51 no. 10:93-95 O '62.

Use of the isotopes P^{32} and N^{15} in the agricultural chemistry. A. V. Sokolov, F. V. Tumchin. Zhur. VKHO 7 no. 5:489-494 '62.

AGRICULTURAL CHEMISTRY—CONGRESSES

Economic aspects of the chemicalization of agriculture. D. G. Grachev. Zemledelie 24 no. 9:88-91 S '62.

AGRICULTURAL CHEMISTRY—STUDY AND TEACHING

"Fundamentals of agricultural chemistry" by A. S. Chernavin. Reviewed by V. N. Prokoshev. Khim. v shkole 17 no. 4:93-95 Jl-Ag '62.

AGRICULTURAL CREDIT see subdivision under India; Petrovskiy District (Stavropol Territory)

AGRICULTURAL EDUCATION

(see also subdivision under White Russia)

Shibanov, A. A. [Polytechnic and practical training in the rural school] Politekhnicheskoe i proizvodstvennoe obuchenie v sel'skoi shkole. Izd. 4., perer. i dop. Moskva, Izd-vo Akad. pedagog. nauk RSFSR, 1962. 309 p. (DNAL)

AGRICULTURAL EDUCATION—CURRICULA see subdivision under Latvia

AGRICULTURAL EDUCATION—STATISTICS

Training of personnel in the higher and secondary special agricultural schools in the U. S. S. R. Vest. stat. no 10: 78-80 '62.

AGRICULTURAL GEOGRAPHY

(see also subdivision under Kirghizistan)

Conditions of the development and geographical localization of the agricultural system. A. N. Rakitnikov. Vest. Mosk. un. Ser. 5; Geog. 17 no. 5:9-11 S-O '62.

Geographers' work on the regionalization of the U. S. S. R. for agricultural purposes. N. A. Gvordetskii. Izv. AN SSSR. Ser. geog. no. 5:80-84 S-O '62.

AGRICULTURAL IMPLEMENTS

Polevitskii, K. A. [Agricultural machinery and implements] Sel'skokhoziaistvennye mashiny i orudiia. 4., perer. izd. Leningrad, Sel'khozgiz, 1960. 647 p. (Uchebniki i uchebnye posobiia dlia vysshikh sel'skokhoziaistvennykh uchebnykh zavedenii) (DNAL)

AGRICULTURAL INSURANCE see Insurance, Agricultural

AGRICULTURAL JOURNALISM see Journalism, Agricultural

AGRICULTURAL LAWS AND LEGISLATION

Liability for the loss of cattle. T. Kudreiko. Sov. iust. no. 20:20-21 O '62.

Supervision of the observance of agricultural laws should contribute to the solution of new problems. M. IAkovlev. Sots. zakon. 32 no. 11:15-19 N '62.

AGRICULTURAL MACHINERY
(see also subdivision under Kazakhstan)

The design of the rotary hack should be improved. V. Malumian, V. Mitrushenkov. Tekh. v sel'khoz. 22 no. 6 30 Ag '62.

Hay harvesting machinery for mountainous regions. M. Shanidze, I. Troshchinskii. Tekh. v sel'khoz. 22 no. 8:84-85 Ag '62.

In the office of the designers of the "Rostsel'mash" factory. S. Strokov, IA. Zil'berov, N. Borisenko. Tekh. v sel'khoz. 22 no. 8 10-15 Ag '62.

Mechanization of preliminary processing of hemp on collective farms. V. I. Butanov. Trudy Vses nauch.-issl. inst. lub kult. no. 21, 271-285 '59.

New machines, grain loaders, drill loaders, and fertilizer distributors. M. I. Nozhkin. Zemledelie 24 no. 9:24-27 S '62.

Polevitskii, K. A. [Agricultural machinery and implements] Sel'skokhoziaistvennye mashiny i orudiia. 4., perer. izd. Leningrad, Sel'khozgiz, 1960. 647 p. (Uchebniki i uchebnye posobiia dlia vysshikh sel'skokhoziaistvennykh uchebnykh zavedenii)
(DNAL)

Popov, V. P. [Polymers in the mechanization of agriculture] Polimery v mekhanizatsii sel'skogo khoziaistva. Moskva, Sel'khozizdat, 1962. 86 p.

Russia (1923- U. S. S. R.) Glavnoe upravlenie mekhanizatsii i elektrifikatsii sel'skogo khoziaistva. [New tractors and agricultural machines, test results of 1957] Novye traktory i sel'skokhoziaistvennye mashiny, rezul'taty ispytanii 1957 goda. Moskva, M-vo sel'. khoz. SSSR.
No. 2. 1959. 350 p.
(DNAL)

Small mixed feed unit. (U. Vybornov. Pozh. delo 0 no 10:26-27 O '62.

Through the pages of agricultural periodicals. Tekh. v sel'khoz. 22 no. 8:93 Ag '62.

AGRICULTURAL MACHINERY—ABSTRACTS

[Tractors and agricultural machinery] Ref. zhur. Otd. vyp. 44: Trakt. i sel'khoz. mash. no. 22 N '62.

AGRICULTURAL MACHINERY—BIBLIOGRAPHY see Bibliography—Agricultural machinery

AGRICULTURAL MACHINERY—DESIGN

Meiepuro, M. E. [Theory of plough-type ditch diggers and marsh ploughs] Voprosy teorii pluzhnykh kanavokopatelei i bolotnykh plugov. Minsk, Izd-vo Akad. nauk BSSR, 1957. 223 p.
(DNAL)

AGRICULTURAL MACHINERY—MAINTENANCE AND REPAIR
(see also subdivision under Orenburg Province)

Manufacture of parts from plastic materials in repair shops. V. Belyi, S. Shcherbakov. Tekh. v sel'khoz. 22 no. 8:49-51 Ag '62.

Most important potential for reducing the costs of production. K. P. Novikov. Uchet i fin. v kolkhoz. i sovkhoz. 19 no. 9:46-51 S '62.

A system for washing machinery components. I. Nekrasov. Tekh. v sel'khoz. 22 no. 8:66 Ag '62.

Technical specifications for the storage of agricultural machinery. P. S. Korotkevych. Visnyk sil'skogp. nauky 5 no. 9:91-92 S '62.

AGRICULTURAL MACHINERY INDUSTRY see subdivision under Kazakhstan; Tashkent; Taslinograd

AGRICULTURAL POLICY
(see also subdivision under India; Kazakhstan)

The building of communism and the development of agriculture in the U. S. S. R.; apropos of the publication of volumes 1-2 of N. S. Khrushchev's speeches and reports devoted to Soviet agriculture. Agitator no. 22:21-24 N '62.

Economic-mathematical model of the distribution of agricultural production in the regions of the country. V. S. Mikheeva. Vest. Mosk. un. Ser. 5. Geog. 17 no. 5: 12-17 S-O '62.

Khrushchev, N. S. [The building of communism in the U. S. S. R. and the development of agriculture] Stroitel'stvo kommunizma v SSSR i razvitie sel'skogo khoziaistva; v piati tomakh. Moskva, Gospolitizdat.
Vol. 1. [September, 1953-January, 1955] Sentiabr' 1953 goda-ianvar' 1955 goda. 1962. 494 p.
Vol. 2. [February, 1955-January, 1958] Fevral' 1955 goda-ianvar' 1958 goda. 1962. 533 p.

Program for the rapid development of agriculture. Blok. agit. [Gruz.] no. 1-1-8 Ja '60.

Strengthening the economic basis of the alliance between the workers and peasants during the large-scale building of communism. B. Kovalevs'kyi. Ekon. Rad. Ukr. no. 4:30-38 Jl-Ag '62.

AGRICULTURAL PRICES

Main problems of price determination for collective farm products. V. Venzher. Ekon. sel'khoz. 33 no. 9: 41-45 S '62.

Principles of the regionalization and differentiation of prices. A. Soroka. Ekon. sel'khoz. 33 no. 9:37-41 S '62.

AGRICULTURAL PRICES—CONGRESSES

Coordination of studies on the problems of price determination. L. Grushetskii. Ekon. sel'khoz. 33 no. 9. 16-23 S '62.

AGRICULTURAL PRICES—RESEARCH

Study the problems of price determination more profoundly. V. Boev. Ekon. sel'khoz. 33 no. 9:23-27 S '62.

AGRICULTURAL PRODUCTS see Produce trade

AGRICULTURAL RESEARCH

Four questions to M. A. Ol'shanskii, the president of the All-Union Academy of Agricultural Sciences. Nauka i zhizn' 29 no. 8:5-7 Je '62.

Grain of his life. V. Polynin. Ogonek 40 no. 11:16-19 O '62.

Science for the benefit of the people. Trudy TSGL 7:3-4 '61.

Session of the Presidium of the Academy of Sciences of the U. S. S. R. dedicated to the problem of present and future research on the development of agricultural science and practical farming, held on May 4, 1962. Z. V. Pozdniakova. Izv. AN SSSR. Ser. biol. no 5:804-806 S-O '62.

AGRICULTURAL WAGES see subdivision under Crimea, Gorkiy Province

AGRICULTURAL WAGES—TABLES AND READY-RECKONERS

Zakladnoi, V. S. [Tables for calculating wages for state farm workers engaged in manual work and work with horse-drawn machinery where the piecework wage system is in operation] Tablitsy dlia nachisleniia zarabotnoi platy rabochim sovkhozov na konno-ruchnykh rabotakh; pri sdel'noi oplate truda. Moskva, Gosstatizdat, 1962. 191 p.

AGRICULTURAL WORKERS
(see also subdivision under Kiev Province)

Family. Irina Levchenko. Ogonek 40 no. 22:13-14 My '62.

Polchkin, V. G., and M. I. Pecherskii. [Aleksandr Tepioukhov, a tractorist] Traktorist Aleksandr Tepioukhov. Moskva, Izd-vo M-va sel'. khoz. RSFSR, 1961. 18 p. (Trudovye podvigi molodykh mekhanizatorov)
(DNAL)

Utilize collective farm manpower fully. G. Shmelev. Ekon. sel'khoz. 33 no. 9:97-101 S '62.

The work practices of the leading workers should be followed by all machinery operators. P. Kurgaev. Tekh. v sel'khoz. 22 no. 8:1-3 Ag '62.

AGRICULTURE
(see also subdivision under Africa; Aleksandrovka, Alma-Ata Province; Armenia; China; Kiev Province; Pavlodar Province; Pleshchenitsy District; Radomyshl' District; Rostov Province; Ukraine; United States; Uzbekistan; White Russia; Yakutia)

Andronov, P. P. [Principles of agricultural production; a textbook for students in library schools and cultural institutions] Osnovy sel'skokhoziaistvennogo proizvodstva; uchebnik dlia uchashchikhsia bibliotechnykh tekhnikumov i kul'turno-prosvetitel'nykh shkol. Moskva, Izd-vo "Sovetskaia Rossiia," 1960. 308 p.
(NIC)

Brief news. Muk.-elev. prom. 28 no. 9-p. 3 of cover S '62.

The building of communism and the development of agriculture in the U. S. S. R.; apropos of the publication of volumes 1-2 of N. S. Khrushchev's speeches and reports devoted to Soviet agriculture. Agitator no. 22:21-24 N '62.

From the pages of foreign biological publications. N. F. Neiman. Agrobiologiia no 3 475-476 My-Je '62.

How the party struggled for the reconstruction of agriculture during the New Economic Policy, 1922-1923. N. G. Sokolov. Uch. zap. RGPI 28 143-177 '61.

Kovalenko, V. I. [Mistress of the fields; a sketch] Khoziaika polei; ocherk. Moskva, Izd-vo "Znanie," 1962. 31 p. (Novoe v zhizni, nauke, tekhnike. V Serii: Sel'skoe khoziaistvo, no. 19)

Peterburgskii, A. V. [D. N. Prianishnikov and his theories] D. N. Prianishnikov i ego shkola. [Moskva] Sovetskaia Rossiia, 1962. 100 p.
(DNAL)

Reduce and bring to a minimum the dependence of our agriculture on natural elements. I. P. Gerasimov. Izv. AN SSSR. Ser. geog. no. 5:43-51 S-O '62.

Siniagin, I. I. [Theoretical errors of V. R. Vil'iams and the overcoming of the aftereffects of the introduction of grassland farming] O teoreticheskikh oshibkakh V. R. Vil'iamsa i preodolenii posledstvii vnedreniia travopol'noi sistemy zemledeliia; stenogramma lektsii. Moskva, Izd-vo M-va sel'. khoz. RSFSR, 1962. 21 p.
(DNAL)

AGRICULTURE—ACCOUNTING

In the Ministry of Finance of the U. S. S. R. Uchet i fin. v kolkhoz. i sovkhoz. 19 no. 10:58-60 O '62.

One of the means for mechanizing accounting on collective and state farms. N. F. Bryzgalin. Uchet i fin. v kolkhoz. i sovkhoz. 19 no. 10:27-29 O '62.

Persistently strive to improve accounting and reports on collective and state farms. Vest. stat. no. 10:60-62 '62.

Readers share their practice, suggest and advise. Uchet i fin. v kolkhoz i sovkhoz. 19 no 10-30-31 O '62.

Reduce the administrative apparatus and improve accounting. Uchet i fin. v kolkhoz i sovkhoz. 19 no 10 2-4 O '62.

AGRICULTURE—ACCOUNTING—BIBLIOGRAPHY see Bibliography—Agriculture—Accounting

AGRICULTURE—AUDITING AND INSPECTION
(see also subdivision under Virgin Territory; White Russia)

Ensure the safety of public property. Uchet i fin. v kolkhoz. i sovkhoz. 19 no 9.2-5 S '62

AGRICULTURE—BIBLIOGRAPHY see Bibliography—Agriculture

AGRICULTURE—CONGRESSES

Session of the Department of Geological and Geographical Sciences devoted to agricultural problems. Izv. AN SSSR Ser. geog. no. 5-12 S-O '62

AGRICULTURE—COSTS

Collective farm specialist and production costs. M. Mikhailov. Nauka i zhizn' 29 no. 9:65-67 S '62

AGRICULTURE—ECONOMIC ASPECTS

Badir'ian, G. G., and A. K. Il'ichev, eds. [Economics of socialist agriculture] Ekonomika sotsialisticheskogo sel'skogo khoziaistva; kurs lektsii. Moskva, Sel'khozizdat, 1962. 710 p. (Uchebniki i uchebnye posobiia dlia vysshikh sel'skokhoziaistvennykh uchebnykh zavedenii)

Improve the level of the economic training of agricultural specialists. V. Nemtsov. Ekon. sel'khoz. 33 no. 9:116-117 Ag '62.

"Linear programming in economic calculations for agriculture" by I. G. Popov. Reviewed by R. Kravchenko. Ekon. sel'khoz. 33 no. 8:125 Ag '62.

Training personnel for collective and state farms in economics in the secondary special agricultural schools. P. Iurin. Ekon. sel'khoz. 33 no. 8:112-115 Ag '62.

AGRICULTURE—ECONOMIC ASPECTS—BIBLIOGRAPHY see Bibliography—Agriculture—Economic aspects

AGRICULTURE—EXPERIMENTATION

Creative instruction in plant breeding. D. Bobovnikov. Shkola i proizv. 6 no. 10.89-90 O '62.

Two ears where there was one. S. Novikov. Nauka i zhizn' 29 no. 8:15-18 Je '62.

When work becomes creative. Sov. Soiuz no. 11:10 '62.

AGRICULTURE—LABOR PRODUCTIVITY
(see also subdivision under Kazakhstan)

Consciousness. H. Kondratenko. Ukraina no. 21:2-3 N '62.

AGRICULTURE—PRODUCTION STANDARDS

Increase norms research work in agriculture. G. Darbinian. Sots. trud 7 no. 10:100-101 O '62.

AGRICULTURE—STATISTICS

Answers to readers' questions on agricultural statistics. Vest. stat. no. 10:52-59 '62.

AGRICULTURE—STUDY AND TEACHING
(see also subdivision under Bashkiria, Burzyanskiy District; Sakhalin)

Educational role of the brigades of communist labor. E. Grishin. Shkola i proizv. 6 no. 10.88-89 O '62.

For a creative attitude toward work. M. Shumeiko. Shkola-int. no. 5:22-25 S-O '62.

On a large school farm. N. Bogarada, B. Uspenskii. Prof.-tekh. obr. 19 no. 9:16-18 S '62.

Organization of exhibitions to display the results of work in the school training and experimental plot, methodical work to aid the instructor. V. P. Marfutina. Izv. Vor. gos. ped. inst. 36:93-108 '61.

Production of a school farm. T. Akramov. Prof.-tekh. obr. 19 no. 9:19 S '62.

Production training in rural conditions. A. Drozdov, M. Glinvin. Shkola-int. no. 5:85-89 S-O '62.

Training of teachers at the agrobiological department. IU. D. Petrenko. Shkola i proizv. 6 no. 10 59-61 O '62.

Work of the fundamentals of agriculture department. L. T. Andrianov. Shkola i proizv. 6 no. 10.57-59 O '62.

AGRICULTURE—TECHNOLOGICAL INNOVATIONS see subdivision under Voskresensk District

AGRICULTURE, COOPERATIVE
(see also subdivision under Cuba)

"The victory of Lenin's cooperative plan in the U. S. S. R. by Z. Shulga. Reviewed by P. Kucherlavenko, A. Mamalui. Ekon. Rad. Ukr. no. 4:122-124 Jl-Ag '62.

AGROBACTERIUM TUMEFACIENS

Effect of the excretions of bacteria producing plant tumors on the root formation of grapevine cuttings. M. Kh. Chailakhian, R. M. Galachian, M. M. Sarkisova. Dokl. AN SSSR 146 no. 5:1227-1230 O '62.

AIR—ANALYSIS
"Methods for detecting injurious substances in the air and other media, a practical manual" by M. S. Bykhovskaia, S. L. Ginzburg and O. D. Khalizova. Reviewed by O. Neronskii. Zdrav. Bel. 8 no. 5 71-72 My '62.

AIR—POLLUTION
(see also subdivision under Moscow)
Estimation of the vertical scattering coefficient of a precipitating foreign substance in the atmosphere taking as a basis its distribution on the earth's surface. G. M. Petrova, O. S. Berland. Dokl. AN SSSR 146 no. 6 1318-1321 O '62.

AIR, IONIZED—THERAPEUTIC USE
Effect of negatively ionized air on hypertension under the conditions of Kislovodsk health resort. V. A. Titarenko. Uch. zap. Pyat. gos. nauch.-issl. kal'n. inst. 3 280-294 '60.

AIR, MOISTURE OF see Humidity

AIR CONDITIONING
Air conditioning systems and new types of equipment. V. F. Rotsko. Opyt zarub. stroi. no. 3, 3-64 '62.
Leventin, L. I. [Automation of systems of artificial climate] Avtomatizatsiia sistem iskusstvennogo klimata. Moskva, Mashgiz, 1962. 156 p.

AIR PILOTS—DISEASES AND HYGIENE
In the blue ocean. K. K. Kokkinaki. Zdorov'e 8 no. 10 28-29 O '62.

AIR RAID SHELTERS
Means of collective protection. I. Miroshnikov. Voen. znan. 38 no. 10 35-36 O '62.

AIRPLANES—CONTROLS
Maneuvering airplane control. G. Mosolov, A. Klunov. Av. i kosm. 45 no. 10 48-54 '62.

AIRPLANES—DESIGN AND CONSTRUCTION
The KhAI-19 airplane. V. Reshetnikov. Kryl. rod. 13 no. 10, 16-17 O '62.
Problems of strength. A. Makarevskii. Av. i kosm. 45 no. 6 61-66 '62.

AIRPLANES—ELECTRIC DRIVING
Borisov, K. N. [Fundamentals of aircraft electric driving] Osnovy aviatsionnogo elektroprivoda. Moskva, Oborongiz.
Pt. 1. [Noncontrolled drive] Neregulirovemyi privod. Pod red. Iu. A. Popova. 1962. 203 p.

AIRPLANES—ELECTRIC EQUIPMENT
Larionov, A. N., and others. [Design of electric devices for aircraft electric equipment] Proektirovanie elektricheskikh apparatov aviatsionnogo elektrooborudovaniia. [By] V. A. Balagurov i dr. Pod red. A. I. Larionova. Moskva, Oborongiz, 1962. 515 p.

AIRPLANES—FLIGHT TESTING
Scouts of blue ways. A. Merkulov. Av. i kosm. 45 no. 6 84-89 '62.
The sixth sense. M. Rebrov. Kryl. rod. 13 no. 10, 15 O '62.

AIRPLANES—MAINTENANCE AND REPAIR
Dispatcher sheets for airplane-maintenance service. V. Liberman. Av. i kosm. 45 no. 10, 62-65 '62.
Young technician joined the unit. E. Sazin, I. Chernykh. Av. i kosm. 45 no. 10 76-77 '62.

AIRPLANES—MODELS
Airplane model competitions do not like weaklings. M. Lebedinskii. Kryl. rod. 13 no. 10, 24-25 O '62.
Bolonkin, A. A. [Theory of the flight of flying models] Teoriia poleta letaiushchikh modelei. Moskva, Izd-vo DOSAAF, 1962. 311 p.
Cord-contour model of the IAk-12-r airplane. Kryl. rod. 13 no. 9, insert S '62.
Design of a high-speed airplane model (to be concluded). V. Ogorodov. Kryl. rod. 13 no. 10, 26-27 O '62.
Hard-fought competitions. V. Turilan. Kryl. rod. 13 no. 10, 25 O '62.
More attention to circles in schools. Kryl. rod. 13 no. 9 26 S '62.
Promote the development of airplane modeling. I. Kostenko. Kryl. rod. 13 no. 10, 12 O '62.
The 25th competition. Kryl. rod. 13 no. 9, 27 S '62.

AIRPLANES—MODELS—RADIO CONTROL
V. Novikov's radio controlled airplane model. Kryl. rod. 13 no. 10, Insert O '62.

AIRPLANES—PILOTING
Chestnov, A. V. [Operation of aircraft in flight] Letnaia ekspluatatsiia samoleta. Moskva, Voenizdat, 1962. 247 p.
Future of airplane piloting. V. Savchenko. Av. i kosm. 45 no. 10, 59-61 '62.

AIRPLANES—WINGS, SWEPT-BACK
Effect of the arrowlike shape of wings. Iu. Konfetkin. Iun. tekh. 7 no. 10, 78-80 O '62.

AIRPLANES, MILITARY
Rocket airplane. A. Tupolev. Av. i kosm. 45 no. 6, 3-6 '62.

AIRPLANES, MILITARY—FUEL
In the second position. S. Filshtinskii. Av. i kosm. 45 no. 6 67-70 '62.

AIRPLANES, MILITARY—MAINTENANCE AND REPAIR
Specific inspection during a parking day. I. Zhuravlev. Av. i kosm. 45 no. 6 71-75 '62.
This will lighten the work of a technician. V. Egorenko. Av. i kosm. 45 no. 6 77-78 '62.

AIRPORTS—MANAGEMENT
New trends in the maintenance of airports. L. Karpashev. Av. i kosm. 45 no. 10 66-70 '62.

AIRWAYS
"Air routes of foreign countries" by L. Sh. Gordonov. Reviewed by K. M. Popov. Izv. AN SSSR, Ser. geog. no. 5, 181-183 S-O '62.

AIVAZOVSKII, IVAN KONSTANTINOVICH, 1817-1900
Barsamov, N. S. Ivan Konstantinovich Aivazovskii, 1817-1900. Moskva, Gos. izd-vo "Iskusstvo," 1962. 273 p. illus.

AKHUNBABAEV, IUIDASH, 1885-1943
Sadykova, N. S. [Uldash Akhunbabaev, outline of his life and work] IUldash Akhunbabaev, ocherk zhizni i deiatel'nosti. Tashkent, Akad. nauk Uzbekskoi SSR, 1960. 66 p.
(MH)

AKHUNDOV, M. F. see Fath 'Ali, Akhund-zada, 1812-1878

AKHUNDOV, SULEIMAN SANI, 1875-1939
Nagieva, Dzh. M. [Archives of Suleiman Sani Akhundov] S. S. Akhundov arkhivinin tesviri. Baky, Azerbaichan, SSR Elmlər akademiiasy neshrilяty, 1962. 89 p. [In Azerbaijani with summary in Russian]

AKHURYANSKIY DISTRICT—WHEAT
After effect of simazine and atrazine on the development of winter wheat [in Armenian with summary in Russian]. A. P. Khachatrev. Izv. Glav. upr. sel'khoz. nauk i podgot. kad. Arm. SSR 5 no. 5 61-64 '62.

AKMOLINSK see Tselinograd

AKMOLINSK PROVINCE see Tselinograd Province

AKSENOV, V.
"Star ticket" by V. Aksenov, "Girls" by Boris Bednyi. Reviewed by M. Chernyi. Semia i shkola 17 no. 10 44-45 O '62.

AKTYUBINSK PROVINCE—CHERNOZEM SOILS
Effect of plowing on the change in physical and chemical characteristics of Chernozem soils in Aktyubinsk Province. P. V. Madanov, A. N. Timofienko. Nauch. dokl. vys. shkoly, biol. nauki no. 4 185-191 '62.

ALA-TAU, DZUNGARIAN see Dzungarian Ala-Tau

ALA-TAU, KUZNETSK see Kuznetsk Ala-Tau

ALA-TAU, ZAILIYSKIY see Trans-Ili Ala-Tau

ALANINE DEHYDROGENASE
Effect of cyclosemine on the activity of L-alanine dehydrogenase and asparaginase. R. M. Azarkh, T. S. Paskhina. Dokl. AN SSSR 146 no. 3, 701-706 S '62.

ALATYR' REGION—AGRICULTURAL ADMINISTRATION
We should be efficient organizers of farming. A. Nazarov. Part. zhizn' no. 21, 37-41 N '62.

ALBANIA—FOREIGN ECONOMIC RELATIONS—RUSSIA
Soviet-Albanian economic relations. E. A. Glovinskii. Mat. i soob. Issl. otd. Inst. po izuch. SSSR no. 32/33, 29-55 F-Mr '62.

ALBANIA (CAUCASUS)—HISTORY
Albanian nomads and Basileus Zober. Kemal Aliev. Izv. AN Azerb. SSR, Ser. obshchestv. nauk no. 6 23-29 '62.

ALBINOS AND ALBINISM
A case of albinism in the Black Sea dolphin Delphinus delphis ponticus Barabasch, 1936. S. L. Delamure, L. V. Alekseev. Biul. MOIP. Otd. biol. 67 no. 4 141-143 Jl-Ag '62.

Dehydrases in albino sunflower plants. I. I. Liashchenko. Dokl. AN SSSR 146 no. 3, 720-723 S '62.

ALCOHOL—PHYSIOLOGICAL EFFECT
Characteristics of alcohol oxidation in schizophrenia. V. S. Gusikov. Trudy Gos. nauch.-issl. inst. psikh. 27, 138-146 '61.

ALCOHOLISM
Effect of chronic alcoholism on the course of schizophrenia (the forms with an uninterrupted, fluctuating course of the disease). I. V. Pavlova. Trudy Gos. nauch.-issl. inst. psikh. 27, 69-75 '61.

ALCOHOLS
Polycondensation of N-triphenylborazole with polyols. V. V. Korshak, V. A. Zamiatina, R. M. Oganesian. Izv. AN SSSR, Otd. khim. nauk no. 10 1850-1852 O '62.

ALDAN PLATEAU—GEOLOGY, STRATIGRAPHIC
Crystalline bedrock in the northern slope of the Aldan massif and Vitym synclise based on deep drilling and geophysical data. G. V. Barkhatov. Mat. po geol. i pol. iskop. IAk. ASSR no. 2, 23-34 '60.

ALDAN PLATEAU—ROCKS, IGNEOUS
Distribution and age of Mesozoic intrusions in the Aldan massif. I. M. Mishkin. Mat. po geol. i pol. iskop. IAk. ASSR no. 2 3-22 '60.

ALDER see subdivision under Polenye

ALEFIRENKO, PELAGEIA KUZ'MINICHNA, 1902-1962
P. K. Alefirenko; obituary. Ist. SSSR 6 no. 4, 210-211 Jl-Ag '62.

ALEKSANDROVKA (ALMA-ATA PROVINCE)—AGRICULTURE
Great upsurge. A. Iushin. Part. zhizn' Kazakh. no. 11 35-41 Je '62.

ALESHIN, SAMUIL IOSIFOVICH, 1913-
We live only once! Z. Vladimirova. Teatr 21 no. 10 69-73 O '62.

ALFALFA see subdivision under Alma-Ata Province

ALFALFA—DISEASES AND PESTS see subdivision under Turkmenistan

ALFARO SIQUEIROS, DAVID, 1896-
Siqueiros must create. R. Koen. Iskusstvo 25 no. 5 35-36 '62.

ALGAE
(see also subdivision under Caspian Sea, Issyk-kul', Pacific Ocean, Prut Valley, Tagamog Gulf, Turkmenistan, White Sea)
Interrelationship of algae and micro-organisms. Report No. 2. Effect of developing cultures of the protococcal algae Chlorella vulgaris and Scenedesmus obliquus on the survival of the mouse typhoid bacillus Salmonella typhimurium. M. M. Telitchenko, N. V. Davydova, V. D. Fedorov. Nauch. dokl. vys. shkoly, biol. nauki no. 4 157-163 '62.
Kinetic characteristics of the release of strontium-90 by Cystoseira barbata (Good et Wood). G. G. Polikarpov, V. S. Ten. Nauch. dokl. vys. shkoly, biol. nauki no. 4 89-97 '62.
Some notes on the genera Pseudostaurastrum (Hansg.) Chod. and Isthmochloron Skuja (Xanthophyta, Heterococcales). M. M. Gollerbakh. Bot. mat. Otd. spor. rast. 15:65-67 Ja '62.
Systematic position of Polyedriopsis spinulosa Schmidle and the new genus of yellow-green algae Pseudopolyedriopsis Hollerb. M. M. Gollerbakh. Bot. mat. Otd. spor. rast. 15:62-65 Ja '62.

ALGAE, FOSSIL see subdivision under Kazakhstan

ALGEBRA
Kaplan, I. A. [Practical studies in the numerical solution of algebraic equations, textbook for students of higher technical schools] Prakticheskie zaniatiia po chislennomu resheniiu algebraicheskikh uravnenii, posobie dlia studentov vysshikh tekhnicheskikh uchebnykh zavedenii. Khar'kov, Izd-vo Khar'kovskogo univ., 1962. 54 p.

ALGEBRAIC TOPOLOGY
Godement, Roger. [Algebraic topology and the theory of pencils. Translated from the French] Algebraicheskaia topologiia i teoriia puchkov. Pod red. A. A. Ivanova. Moskva, Izd-vo inostr. lit-ry, 1961. 319 p.
(RZhM)
Normability of Boolean algebra. D. A. Vladimirov. Dokl. AN SSSR 146 no. 5, 987-990 O '62.

ALGERIA—POLITICS AND GOVERNMENT
Down with the war in Algeria! Mol. mira no. 6 5-6, 9 '61.
The government of independent Algeria. Mezhdunar. zhizn' 9 no. 11, 147-148 N '62.
Maghreb or "the bird." Artur Vol'ski. Rab. i stud. 10 no. 10 8-9 O '62.
Tomorrow we shall show the same solidarity with the Algerian people as we did yesterday. S. Djafaar. Vsem. prof. dvizh. no. 8/9, 12-16 Ag-S '62.

ALGERIA—POSTAGE STAMPS
Help the Foreign Legion! I. Mozheiko. Az. i Afr. segl. no. 10, 64 O '62.

ALGERIAN DRAMA—HISTORY AND CRITICISM
Pages of a heroic struggle. N. Z. Teatr 23 no. 10 190 O '62.

ALGOL (VARIABLE STAR) see Stars, Variable

'ALĪ SHĪR, MĪR, called al-NAWĀ'Ī, 1441-1501
"Alisher Navoi's world of ideas and images" by V. Il'. Zakhidov. Reviewed by A. Kh. Khaitmetov. Nar. Az. i Afr. no. 5, 212-213 '62.

ALIMENTARY CANAL—FOREIGN BODIES
Forward movement of foreign bodies through the gastrointestinal tract. L. M. Grinshpan, Iu. N. Murashov. Zdrav. Bel. 8 no. 5, 57-58 My '62.

ALIMENTARY CANAL—INNERVATION

Kolosov, N. G. [Innervation of the human digestive tract] Innervatsiia pishchevaritel'nogo trakta cheloveka. Moskva, Izd-vo Akad. nauk SSSR, 1962. 136 p

ALIMENTARY CANAL—TUBERCULOSIS

Materials on the study of the role of the nervous system in the pathogenesis of experimental tuberculosis of the gastrointestinal tract. I. IA. Danelik [Danelich], R. I. Izuch, roli nervn. sist. v pat., Immun. i lech. tub. no. 2 230-236 '61.

ALKALI LANDS see Saline and alkali soils

ALKALI METAL ALUMINUM HYDRIDES

Reduction of silicon and germanium chlorides and alkoxides by means of sodium and potassium aluminum hydrides. I. I. Zakharkin and others. Izv. AN SSSR Otd. khim. nauk no. 10 1872-1874 O '62

ALKALI METAL CHLORIDES

Interaction of niobium and tantalum pentachlorides with sodium and potassium chlorides. A. P. Palkin, N. D. Chikanov. Zhur. neorg. khim. 7 no. 10 2391-2399 O '62.

Interaction of tantalum pentachloride with sodium and potassium chlorides. A. P. Palkin, N. D. Chikanov. Zhur. neorg. khim. 7 no. 10, 2388-2393 O '62

ALKALI METAL FLUORIDES

Diagonal cross section of the quaternary reciprocal system consisting of lithium, sodium, and potassium pyrophosphates and fluorides. A. G. Bergman, V. P. Gorincheva. Zhur. neorg. khim. 7 no. 10, 2438-2444 O '62.

Solubility of titanium, zirconium, and hafnium dioxides in fused alkali metal fluorides. IU. K. Delimarskii, G. G. Bude[illegible]skaia. Ukr. khim. zhur. 28 no. 5 565-570 '62

ALKALI METAL HALIDE CRYSTALS—ELECTRIC PROPERTIES

Effect of strange ions on the electroconductivity of alkali metal halide crystals. IA. N. Pershits. Izv. vys. uch. zav., fiz. 3 9-8 '62.

ALKALI METAL HALIDE CRYSTALS—THERMAL PROPERTIES

Thermal discoloration of F-color centers in alkali metal halide crystals under optical conditions. F. N. Faitov, IU. L. Lukanteevel. Izv. vys. uch. zav., fiz. 3 15-18 '62.

ALKALI METAL HALIDES

Isotherms (50°) of solubility, specific gravity, and viscosity in the system NaI - NaBr - H_2O. F. M. Perel'man, R. M. Dolinina. Zhur. neorg. khim. 7 no. 10, 2459-2462 O '62

ALKALI METAL HYDRIDES

Solid solutions in the systems NaOH - NaH and KOH - KH. V. I. Mikheeva, M. M. Shkrabkina. Zhur. neorg. khim. 7 no. 10, 2411-2418 O '62.

ALKALI METAL PYROPHOSPHATES

Diagonal cross section of the quaternary reciprocal system consisting of lithium, sodium, and potassium pyrophosphates and fluorides. A. G. Bergman, V. P. Gorincheva. Zhur. neorg. khim. 7 no. 10, 2438-2444 O '62.

Ternary system consisting of lithium, sodium, and potassium pyrophosphates. A. G. Bergman, V. P. Gorincheva. Zhur. neorg. khim. 7 no. 10, 2444-2446 O '62.

ALKALI METAL SULFATES

Solubility in the system Li_2SO_4 - Rb_2SO_4 - H_2O at 35°C. V. G. Shovchuk. Zhur. neorg. khim. 7 no. 10, 2463-2465 O '62.

ALKALIES

Solid solutions in the systems NaOH - NaH and KOH - KH. V. I. Mikheeva, M. M. Shkrabkina. Zhur. neorg. khim. 7 no. 10 2411-2418 O '62.

ALKALINE EARTH COMPOUNDS

Effect of magnesium and barium oxides on the viscosity of silicate melts. A. S. Panov and others. Izv. AN SSSR. Otd. tekh. nauk. Met. i topl. no. 5 37-42 S-O '62.

ALKALINE EARTH METALS—THERMAL PROPERTIES

Thermal decomposition of magnesium ferrocyanides and alkaline earth metals. G. B. Seifer. Zhur. neorg. khim. 7 no. 10, 2290-2293 O '62.

ALKALOIDS

Effect of papaverine and tiphen on the course of experimental myocardial infarct in dogs. A. F. Ryzhova. Trudy Len. khim.-farm. inst. no. 13, 197-202 '61.

ALKANES see Paraffins

ALL-UNION COMMUNIST PARTY (BOLSHEVIK) see Communist Party of the Soviet Union

ALLELOPATHY

Effect of root excretions of annual legumes on the vital activity of corn in mixed cultures. E. I. Gulinev, G. A. Ronsali. Bot. zhur. 47 no. 8 1152-1159 Ag '62.

ALLERGY

Chronic forms of infectious allergic myocarditis [with summary in English]. N. N. Skachilova, M. G. Revzis. Sov. med. 26 no. 8, 19-24 Ag '62.

Clinical variations of allergic reactions in children caused by penicillin. IU. B. Vishnevskii. Pediatriia no. 8, 78-83 '62.

Manifestations of allergy with bullous necrotic changes in the integument related to the use of amina[illegible]ne. A. B. Smulevich. Trudy Gos. nauch.-issl. inst. psikh. 27 196-200 '61.

ALLIED INTERVENTION, 1918-1920 see subdivision under Russia, Soviet Far East

ALLOYS

Asymmetry of β-radiation from some nuclei polarized in an alloy containing iron [with summary in English]. A. V. Bogan and others. Zhur. eksp. i teor. fiz. 43 no. 4 828-840 '62

Effect of vacuuming on the foundry properties of alloys. IU. A. Nekhendzi. Lit. proizv. no. 10 24-25 O '62.

Electrochemical studies of the thermodynamic properties of liquid ternary metal systems. M. F. Lantratov, A. G. Morachevskii. Uch. zap. LGPI 59 no. 16 258-264 '62.

Evaluation of additives according to their solubility in aging alloys. A. D. Klement'ev. Izv. vys. uch. zav., fiz. 3 99-105 '62.

Kiselev, P. A. [Electric salt furnaces and baths] Elektricheskie solianye pechi i vanny. Moskva, Gosenergoizdat, 1962. 103 p. (Biblioteka elektrotermista, no. 11)

Ways to lower losses of printing alloys. IA. Ukrainskii, I. Pravdina. Poligr. proizv. no. 10 25-26 O '62

ALLOYS—MAGNETIC PROPERTIES

Investigating the magnetic susceptibility of Fe-Si, Fe-P, Mn-Si alloys at high temperatures. E. L. Dubinin, O. A. Esin, N. A. Vatolin. Fiz. met. i metalloved. 14 no. 4 589-591 O '62.

ALMA-ATA—CONGRESSES

Build economically, well, quickly! M. Mikhailov. Ekon. stroi. no. 10 67-69 O '62.

ALMA-ATA—EFFICIENCY, INDUSTRIAL

Economic conferences in enterprises. V. Petrov. Part. zhizn' Kazakh. no. 6 47-51 Je '62

ALMA-ATA—MACHINERY INDUSTRY—LABOR PRODUCTIVITY

The third shift in a factory. A. Sofronova. Part. zhizn' Kazakh. no. 6 68-70 Je '62

ALMA-ATA—RAILROADS

The railroad cars departed half empty. A. Musul'mankulov. Part. zhizn' Kazakh. no. 6 51-55 Je '62

ALMA-ATA PROVINCE—ALFALFA

Development of new vegetative shoots on the Semiechye alfalfa seed plant and measures for its control. IU. D. Zykov. Vest. sel'khoz. nauki [Kazakh.] 5 no. 9 14-21 S '62

ALMA-ATA PROVINCE—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

A propagandist, and also an organizer. P. Samoilenko. Part. zhizn' Kazakh. no. 6 63-66 Je '62

ALMA-ATA PROVINCE—PARASITES—MICE

Intestinal protozoa in house mice. R. N. Appasov. Trudy Inst. zool. AN Kazakh. SSR 16, 214 '62.

ALMA-ATA PROVINCE—PARASITES—MOLLUSKS

Larval forms of trematodes from freshwater mollusks in Alma-Ata Province. S. I. Ibrasheva, IU. V. Butenko. Trudy Inst. zool. AN Kazakh. SSR 16:157-165 '62

ALMA-ATA PROVINCE—PROTOZOA, PATHOGENIC

Intestinal protozoa in house mice. R. N. Appasov. Trudy Inst. zool. AN Kazakh. SSR 16:214 '62.

ALMA-ATA PROVINCE—TREMATODA

Larval forms of trematodes from freshwater mollusks in Alma-Ata Province. S. I. Ibrasheva, IU. V. Butenko. Trudy Inst. zool. AN Kazakh. SSR 16:157-165 '62

ALMA-ATA PROVINCE—WEED CONTROL

Economic effectiveness of chemical weed control. A. A. Kozlov. Vest. sel'khoz. nauki [Kazakh.] 5 no. 8, 37-41 Jl '62.

ALMA-ATA REGION—SOILS—ANALYSIS

Soils of the Alma-Ata Botanical Garden in connection with vertical zonality in the Trans-Ili Ala-Tau. S. I. Sokolov. Trudy Inst. pochv. AN Kazakh. SSR 13, 65-87 '62.

ALMALYK REGION—ANHYDRITE

Characteristics of the postore anhydrite mineralization of the Kalmakkyr deposit. T. Z. Zakirov, S. R. Ruzmatov. Uzb. geol. zhur. 6 no. 5 79-82 '62.

ALMALYK REGION—ORE DEPOSITS

Characteristics of the postore anhydrite mineralization of the Kalmakkyr deposit. T. Z. Zakirov, S. R. Ruzmatov. Uzb. geol. zhur. 6 no. 5 79-82 '62.

ALONG BAY REGION—SALT INDUSTRY

Salt workers of Along. S. Arutiunov, A. Mukhlinov. Vokrug sveta no. 9, 32 S '62.

ALPHA RAYS

Cascade α-particles from carbon nuclei split by 660 Mev. protons [with summary in English]. A. P. Zhdanov, P. I. Fedotov. Zhur. eksp. i teor. fiz. 43 no. 3, 835-838 '62

Decomposition of americium oxalate under the action of its own α-radiation. I. A. Lebedev and others. Radiokhimiia 4 no. 3, 308-312 '62

Ozone formation in the action of alpha radiation on the air. N. N. Pantsova. Geomag. i aeron. 2 no. 4 732-736 Jl-Ag '62

ALPHA RAYS—SPECTRA

Study of α-decay of Am^{241} [with summary in English]. S. A. Baranov and others. Zhur. eksp. i teor. fiz. 43 no. 3 795-799 '62.

ALPHADETING

Khavkina, L. B. [Three-place author tables coordinated and combined with two-place tables. With a supplement of two-place tables for foreign languages.] Trekhznachnye avtorskie tablitsy, soglasovannye i soedinennye s dvuznachnymi. S prilozheniem dvuznachnykh tablits dlia inostrannykh iazykov. 5., dop. izd. Pod red. IU. V. Grigor'eva. Moskva, Izd-vo Vses. knizhnoe palaty, 1961. 180 p.
(NNC)

ALTAI MOUNTAIN REGION—ECONOMIC CONDITIONS

"Altai Mountain region during the reconstruction of the national economy, 1921-1925." Reviewed by V. S. Pierov, IU. S. Levashev. Vop. ist. no. 10 121-123 O '62

ALTAI MOUNTAIN REGION—RODENTIA

Special features of the changing population of taiga rodents in developing the black taiga at the foothills of the Altai and Salair. V. N. Nekrasov. Vest. Mosk. un. Ser. 6 Geog. 17 no. 5 32-39 S-O '62.

ALTAI MOUNTAINS—ARGILLIZATION

Hydrothermal argillization of enclosing rocks in the Aktash deposit [with summary in English]. I. P. Shcherban', Geol. i geofiz. no. 9 48-59 '62.

ALTAI MOUNTAINS—EARTHQUAKES

Seismic activity in the Altai. S. I. Masarskii, F. S. Moiseenko. Geol. i geofiz. no. 8 101-106 '62

ALTAI MOUNTAINS—LAMPROPHYRES

Genesis of lamprophyres in the southeastern Gornyy Altai. L. A. Mikhaleva. Geol. i geofiz. no. 8 110-113 '62

ALTAI MOUNTAINS—MINING ENGINEERING

Expediency of reviewing the conditions for balanced ore reserves of complex-ore deposits being worked in the Rudnyy Altai. K. Sh. Utepov. Razved. i okh. nedr 28 no. 5 31-36 My '62.

ALTAI MOUNTAINS—TRILOBITES

Cybelurus gen. nov., a new genus of trilobites. E. S. Lavilskii. Izv. vys. uch. zav., geol. i razv. 5 no. 7 129-132 Jl '62.

ALTAI MOUNTAINS—WATER, UNDERGROUND—ANALYSIS

Effect of annual changes in the climatic conditions on the nature of hydrochemical anomalies in the Rudnyy Altai. G. B. Sveshnikov, Shen' Chzhao-li [Shen Chao-li], I. I. Smirnova. Uch. zap. LGU 303, 320-333 '62.

ALTAI MOUNTAINS—WÜSTITE

Iowite from intrusive rocks of the Rudnyy Altai. M. A. Ospov. Dokl. AN SSSR 146 no. 6 1404-1407 O '62

ALTAI TERRITORY—BEANS—HARVESTING

Using combines in forage bean harvesting. M. G. Penkin. Vest. sel'khoz. nauki [Kazakh.] 5 no. 8 80-81 Jl '62.

ALTAI TERRITORY—ECONOMIC CONDITIONS

Larina, A. N., ed. [Altai in the period of the reconstruction of the national economy, 1921-1925; historical study] Altai v period vosstanovleniia narodnogo khoziaistva, 1921-1925 gg., istoricheskii ocherk. Barnaul, Altaiskoe knizhnoe izd-vo, 1961. 330 p. illus.
(NNC)

ALTAI TERRITORY—GRANARIES—COSTS

Analysis of the effect of the technical and economic indices on the overhead expenses of the grain receiving stations of the Altai Territory. V. K. Mel'nikov. Izv. vys. ucheb. zav., pishch. tekh. no. 5 9-11 '62.

ALTAI TERRITORY—HAMSTERS

Materials on the ecology of the common hamster in the Altai [with summary in English]. I. L. Kulik. Biul. MOIP, Otd. biol. 67 no. 4, 16-25 Jl-Ag '62.

ALTAI TERRITORY—HISTORY

Larina, A. N., ed. [Altai in the period of the reconstruction of the national economy, 1921-1925; historical study] Altai v period vosstanovleniia narodnogo khoziaistva, 1921-1925 gg.; istoricheskii ocherk. Barnaul, Altaiskoe knizhnoe izd-vo, 1961. 330 p. illus.
(NNC)

Tolstykh, S. S. [From the partisan past] Iz partizanskogo proshlogo. Barnaul, Altaiskoe knizhnoe izd-vo, 1960. 56 p.
(NNC)

ALTAI TERRITORY—INDUSTRIES

Eroshkevich, N. G. [Development of industry in the Soviet Altai] Razvitie promyshlennosti Sovetskogo Altaia. Barnaul, Altaiskoe knizhnoe izd-vo, 1958. 119 p.
(NNC)

ALTAI TERRITORY—RESTAURANTS, LUNCHROOMS, ETC.

People in the Altai Territory are working according to the new methods. A. Kobzev. Chashchestv. pit. no. 7: 24-27 Jl '62.

ALTAI TERRITORY—STANDARDIZATION

Standardization in Altai Territory. Standartizatsiia 26 no. 10:02 O '62

ALTAIC STUDIES see subdivision under Hungary

ALTERNARIA

(see also subdivision under Maritime Province)

Some physiological characteristics of a fungus causing alternaria spot of cotton. N. A. Burutina, E. A Chinnov. Nauch. dokl vys. shkoly, biol nauki no 4 103-106 '62

ALTITUDE, INFLUENCE OF

Course of the after-effects of craniocerebral injuries under conditions of a mountainous locality G L Kostovetskii Voen.-med zhur, no 9 79 S '61

Influence of a large drop in atmospheric pressure on the human body at high altitudes. S G Zharov, A E Ivanov. Voen.-med zhur. no 9 61-65 S '61.

ALTITUDES—MEASUREMENT

Determining the heights of points of a field observation from two initial points. G. V. Romanovskii. Geod. i kart. no. 9 35-39 S '62.

ALUMINA

"Production of alumina (from materials of a readers' conference)" by A. I. Lainer. Reviewed by I. N. Kitler. Izv. vys. ucheb. zav.; tsvet. met. 5 no. 5:169-170 '62.

White mud as an activating additive in the desiliconization of aluminate solutions. A. I. Lainer, M. A. Kolenkova, L. U. Kotleva. TSvet. met. 35 no. 10:50-55 O '02.

ALUMINOSILICATES

Catalysts on the aluminosilicate base for hydrogenation under high hydrogen pressure. A. V. Lozovoi and others. Trudy IGI 17:199-211 '62.

Dehydrogenation of isopentane to isoamylenes on a aluminosilicate catalyst. B. A Kazanskii and others Neftekhimiia 2 no. 4:448-456 Jl-Ag '62.

ALUMINUM

Crystallization and variation in the electric resistance of a selenium film on an Al surface. K. P. Mamedov, Z. D. Nurieva. Izv. AN Azerb. SSR. Ser. fiz.-mat. i tekh. nauk no. 2:47-56 '62.

Structure and properties of sintered aluminum powder (S. A. P.). A. I. Poisov, A. I. Kolpashnikov, Pan Iachen' [P'ang Ya-Ch'ên]. TSvet. met. 35 no. 10:71-75 O '02.

ALUMINUM—ELECTROMETALLURGY

Thermodynamic properties of melts in the system AlF_3-NaF. B. F. Ulin, V. P. Moshovets. Izv. vys. ucheb. zav., tsvet. met. 5 no. 5:54-61 '62.

ALUMINUM—PHYSIOLOGICAL EFFECT

Aluminum content of the food ration and its biological effect [with summary in English]. L. Vozar. Vop. pit. 21 no. 3:28-31 My-Je '62.

ALUMINUM, STRUCTURAL

Akademiia stroitel'stva i arkhitektury SSSR. Institut po stroitel'stvu, Sverdlovsk. [Industrial construction abroad; papers of the Institute] Promyshlennoe stroitel'stvo za rubezhom; trudy Instituta. Moskva, Gosstroizdat, 1962. 123 p.

ALUMINUM ALLOYS

Calculating forces during the extrusion of aluminum alloy rods. A. A. Pozdeev and others. Izv. vys. ucheb.

[illegible] NT

New conditions for the heat treatment of AL19 alloy castings. N. A. Loktionova, N. M. Rastvorova, O. P. Breslavtseva. Metalloved. i term. obr. met. no. 10: 53-57 O '62.

Reducing the cycle of heat treatment for A10 and A10B aluminum alloys. S. I. Ruduk, A. A. Mukhamedov. Izv. vys. ucheb. zav.; tsvet. met. 5 no. 5:132-136 '62.

ALUMINUM COMPOUNDS

Addition of diisobutyl aluminum hydride and triisobutylaluminum to vinylacetylene. V. A. Kormer, A. A. Petrov. Dokl. AN SSSR 146 no. 6:1343-1346 O '62.

Interaction of aluminium isopropylate with dialkyl esters of methylphosphinic acid K. A. Andrianov, A. S. Shapatin. Izv. AN SSSR. Otd. khim. nauk no. 10: 1753-1756 O '62.

ALUMINUM-COPPER ALLOYS see Copper-aluminum alloys

ALUMINUM CRYSTALS

Effect of mosaic structure in cast single crystals of aluminum of their creep. D. E. Ovsienko, E. I. Soshnina. Fiz. met. i metalloved. 14 no. 4:578-581 O '62.

Relation between the distribution of etch figures and slip lines in polycrystalline aluminum. A. A. Bochvar, N. N. Glagoleva, I. I. Novikov. Izv. AN SSSR. Otd. tekh. nauk. Met. i topl. no. 5:15-16 S-O '62.

ALUMINUM HALIDES

Reactions of hexaalkyldisilazanes with aluminium and boron halides. K. A Andrianov, V. V Astakhin, D. A Kochkin Izv. AN SSSR Otd. khim. nauk no 10 1852-1853 O '62

ALUMINUM INDUSTRY see subdivision under Ilsterfeld, Germany

ALUMINUM-IRON ALLOYS see Iron-aluminum alloys

ALUMINUM-IRON-MOLYBDENUM ALLOYS see Iron-aluminum-molybdenum alloys

ALUMINUM-MAGNESIUM ALLOYS—WELDING

Pas', A. I., and V. N. Chulkov. [Welding of aluminum-magnesium alloys in an argon-shielded atmosphere over a layer of flux] Svarka aliuminievo-magnievykh splavov v srede argona i po sloiu flusa. Leningrad, 1962. 19 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia: Svarka i paika, no. 7)

ALUMINUM ORGANIC COMPOUNDS

Synthesis and some properties of diethoxyaluminum peroxycumyl G. A Razuvaev and others Izv AN SSSR. Otd. khim. nauk no. 9 1555-1559 S '62.

ALUMINUM PIPE see Pipe, Aluminum

ALUMINUM PLANTS

Akademiia stroitel'stva i arkhitektury SSSR. Institut po stroitel'stvu, Sverdlovsk. [Industrial construction abroad; papers of the Institute] Promyshlennoe stroitel'stvo za rubezhom; trudy Instituta. Moskva, Gosstroizdat, 1962. 123 p.

ALUMINUM PLANTS—VENTILATION see subdivision under Ural Mountains

ALUMINUM SALTS

Reaction of galacturonic and pectic acids with aluminum salts. T. K. Gaponenkov, Z. I. Protsenko. Izv. vys. ucheb. zav.; pishch. tekh. no. 5 43-46 '62.

ALUMINUM-TITANIUM ALLOYS see Titanium-Aluminum alloys

ALUMINUM-ZINC ALLOYS—METALLOGRAPHY

Investigating the substructure during the decomposition of solid solutions of zinc in aluminum. M. I. Zakharova, V. R. Melik-Adamian. Izv. AN SSSR. Otd. tekh. nauk. Met. i topl. no. 5:210-211 S-O '62.

ALUNITE—THERMAL PROPERTIES

Determination of certain thermophysical characteristics of alunite for use as raw material. F. P. Vereshchagin, V. V. Darnovskii. TSvet. met. 35 no. 10:78-80 O '02.

AMATEUR ART ACTIVITIES see subdivision under Buryat-Mongolia

AMATEUR RADIO STATIONS

The observers should also be recognized. N. Geshtovt. Radio no. 10:17 O '02.

Pioneers' radio receiver and transmitter. B. Gavrenko. Iun. tekh. 7 no. 10:10-11 O '62

The radio amateurs of the world show their delight. IU. Zhomov. Radio no. 10:8 O '62.

Some results and beneficial lessons. K. Lutsenko, N. Kazanskii. Radio no. 10:18-19 O '62.

Voices on the air. S. Ivanov. Radio no. 10:12-13 O '62.

We shall carry out our obligations. V. Polovinko. Radio no. 10:10 O '02.

YO is transmitted by 73 stations. I. Paolazzo. Radio no. 10:22 O '62.

AMATEUR THEATRICALS

(see also subdivision under Kherson; Moscow)

News on amateur theatricals. Teatr 23 no. 10:167 O '02.

Training the stage-director. V. Eshukov. Teatr 23 no. 10:168-169 O '62.

AMAZON VALLEY—CANCER RESEARCH

With our colleagues. Nauka i zhizn' 29 no. 9:61-63 S '62.

AMBARY HEMP see subdivision under Kirghizistan

AMBARY HEMP BREEDING

Breeding ambary hemp in the U. S. S. R. during the last 25 years. V. A. Novinnykh. Trudy Yses. nauch.-issl. inst. lub. kul't. no. 24:203-218 '59.

AMBLARD, JEAN

Meetings with French artists. N. Kalitina. Iskusstvo 25 no. 8:37-42 '62.

AMEBIASIS

(see also subdivision under Khabarovsk Territory)

Case of chronic abscess of the liver in an 11-year-old girl. IA. S. Valigura, A. G. Shabanova. Pediatriia no. 8:84-85 '62.

AMERICA—NAME

Zweig, Stefan. [Amerigo, a comedy of errors in history. Translated from the German] Amerigo; povest' ob odnoi istoricheskoi oshibke. [Moskva, Geografgiz, 1960] 157 p. illus.

(MLD)

AMERICAN PERIODICALS

Articles on modern and recent history in "Journal of Modern History," an American bourgeois periodical. I. I. Cherkasov. Nov. i noveish. ist. no. 5, 125-131 '62.

AMERICIUM—DECAY

Study of α-decay of Am^{241} [with summary in English]. S. A. Baranov and others. Zhur. eksp. i teor. fiz. 43 no. 3 795-799 '62.

AMERICIUM OXALATE

Decomposition of americium oxalate under the action of its own α-radiation. I. A. Lebedev and others Radiokhimiia 4 no. 3:308-312 '62.

AMIDES

Skilarskii, A. M. [Centrifugal casting of machine parts of polyamides] TSentrobezhnoe lit'e detalei mashin iz poliamidov. Leningrad, 1962. 30 p. [Leningradskii dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia: Sintoticheskie materialy, no. 3)

Tetraethylenamides of diphosphoric esters of some diatomic phenols. L. D. Protsenko, K. A. Kornev. Ukr. khim. zhur. 28 no. 6, 719-720 '62.

AMINES

Organoboron compounds Report No 106 Reactions of alkyl mercaptoborane trimers with secondary and tertiary amines. B M. Mikhailov, V D Shchedrikova, T A Shchegoleva. Izv. AN SSSR, Otd. khim nauk no 9 1559-1564 S '62.

Preparation of primary aliphatic and alicyclic amines from thiophene derivatives IA L. Gol'dfarb, F A Krasnianskaia, B P Fabrichnyi Izv AN SSSR Otd khim nauk no 10:1825-1830 O '62.

Structure and reactivity of aromatic amines L M Litvinenko. Izv. AN SSSR. Otd khim nauk no. 10 1737 1748 O '02.

AMINES—PHYSIOLOGICAL EFFECT

Hypotensive activity of nicotine and carboline derivatives and of some aliphatic and alicyclic amines [with summary in English]. D. A. Kharkevich. Uch. zap. Inst. farm. i khimiotер. AMN SSSR 2:133-164 '60.

AMINO ACIDS

Determination of the freshness degree of meat by paper chromatography [with summary in English]. A. D. Avshalumova. Vop. pit. 21 no. 3:22-28 My-Je '62.

Distribution of analyzed and added amino acids between the erythrocytes and blood plasma of healthy horses V. I. Saichuk Trudy NIVI 1:264-267 '60.

Effect of aminazine therapy on the dynamics of some free amino acids in the blood serum in schizophrenia. A. F. Skugarevskii. Zdrav. Bel. 8 no. 5:30-35 My '62.

Formation of amino acids by the photochemical method with the use of various substances containing carbon in the presence of nickel as catalyst. Krishna Bahadur, Radzhendra Bahadur Srivastava. Izv. AN SSSR. Otd. khim. nauk no. 9:1608-1611 S '62.

Use of certain amino acids as addends for Co (II) in its potentiometric titration by ferricyanide P K Agasian, V. K Khakimova Zav lab 28 no. 10:1184-1186 '62.

AMINOMETHYLATION

Aminomethylation of phenyl-, tolyl-, and chloroferrocene. A. N. Nesmeianov, E. G. Perevalova, L. S. Shilovtseva Izv AN SSSR. Otd khim nauk no. 10: 1767-1772 O '62.

AMMONIA

Phase equilibria in the system $NaBH_4$ - NH_3. G. A. Egorenko, IA. I. Vabel', I. S. Antonov. Zhur. neorg. khim. 7 no. 10:2419-2425 O '62.

Production of nitrogen from air by catalytic oxidation of ammonia with the aid of a vanadium catalyst M G Morekhin, V S. IAkovlev, A G. Sidorovich. Ukr khim zhur. 28 no. 5 645-648 '62

Reaction of NH_3 with fluorinated olefins. I. L. Knunyants, E. G. Bykhovskaia. Zhur. VKHO 7 no. 5:585-586 '62.

Scrubber water from gases of the coal chemical production. V. V. Timoshenko. Khim. prom. [Ukr.] no. 1:16-18 Ja-Mr '62.

Solubility of silver halides in liquid ammonia and in ammonia-water solutions. G. K. Distanov. Uch. zap. Biol.-pochv. fak. Kir. un. no. 7:163-183 '58.

AMMONIACAL LIQUOR

Efficiency of utilizing pulp enriched with ammonia liquor. P. Kolonii. Ekon. sel'khoz. 33 no. 8:111 Ag '62.

AMMONIUM COMPOUNDS, SUBSTITUTED

Effect of anicaine, difacil, and tetamon "I" on the external secretory function of the pancreas. R. N. Zozulia. Trudy Len. khim.-farm. inst. no. 13:167-173 '61.

AMMONIUM MOLYBDATE

Physicochemical properties of solvents of the system $(NH_4)_2MoO_4$ - NH_4NO_3 - H_2O at 25°C. Z. G. Karov, F. M. Perel'man. Zhur. neorg. khim. 7 no. 10:2450-2458 O '02.

AMMONIUM NITRATE

Hydrodynamics and structure of a fluidized bed of ammonium nitrate. V. I. Gladushko. Khim. prom. [Ukr.] no. 1:13-16 Ja-Mr '62.

New norms. Pozh. delo 8 no. 10:14 O '02.

AMMONIUM NITRATE (Continued)

Physicochemical properties of solvents of the system $(NH_4)_2MoO_4 - NH_4NO_3 - H_2O$ at 25°C Z. G. Khrov, F. M. Perel'man. Zhur. neorg. khim 7 no. 10:2150-2458 O '62.

AMMONIUM SULFATE

Reaction of indium sulfate with ammonium sulfate. E. N. Deichman, L. S Tarasushkina Zhur. neorg khim. 7 no 10:2331-2334 O '62.

AMMONOIDEA

(see also subdivision under Caucasus, Northern; Crimea, Turkmenistan)

Development of suture line and terminology of its elements in Mesozoic ammonoids A. A. Shevyrev Paleont zhur no 2 21-33 '62

AMOBARBITAL

Intravenous infusion of sodium amytal in controlling food refusals in mental patients. N. N. Andreeva. Trudy Gos. nauch. -issl. inst. psikh. 27 191-195 '61.

AMORPHIN

Amorphin, a glycoside. E. S. Kondratenko, N. K. Abubakirov. Dokl AN SSSR 146 no. 6 1340-1342 O '62.

AMORTIZATION

Taking amortization deductions into account in technical and economic calculations N M. Vilenskii. Teploenergetika 9 no 11 87 N '62

AMPEROMETRIC ANALYSIS see Conductometric analysis

AMPHIBIA—DISEASES AND PESTS see subdivision under Bulgaria

AMPLIFIERS (ELECTRONICS)

Noise coefficient theory of a ferrite microwave amplifier. IA. A. Monosov. Radiotekh. i elektron. 7 no. 10,1738-1746 O '62.

AMPLIFIERS, ELECTRON-TUBE

Romanov, B. A. [Low-frequency electron tube amplifiers] Lampovye usiliteli nizkoi chastoty. Leningrad, M-vo sviazi SSSR, 1961. 159 p.

AMPLIFIERS, ROTATING see Rotating Amplifiers

AMUR PROVINCE—FOREST ECOLOGY

Fungi of some typical phytocoenoses of the Amur subtaiga [with summary in English]. B. A. Tomilin. Bot. zhur. 47 no. 8:1116-1125 Ag '62.

AMUR PROVINCE—FUNGI

Fungi of some typical phytocoenoses of the Amur subtaiga [with summary in English]. B. A. Tomilin. Bot. zhur. 47 no. 8:1116-1125 Ag '62.

AMUR PROVINCE—PASTURES AND MEADOWS

Kovetskaia, L. A. [Nature and natural feed resources of the Amur Basin] Prirodnye usloviia i estestvennye kormovye resursy basseina Amura. Moskva, Izd-vo Akad. nauk SSSR, 1962. 129 p. (DNAL)

AMUR PROVINCE—PLANTS—CHEMICAL ANALYSIS

Amount of vitamin C in some vegetables and other plant objects of Amur Province. P. F. Obukhov, O. I. Kuznetsova. Vop. pit. 21 no. 3:86-87 My-Je '62.

AMUR RIVER—BEACONS

Effectiveness of the brigade system of servicing the Amur River beacons. D. Shalamova. Rech. transp. 21 no. 10,52-53 O '62.

AMUR RIVER—FISHES

Effect of some predatory fishes on the commercial ichthyofauna of the middle course of the Amur River. L. L. Sokolov. Nauch. dokl. vys. shkoly; biol. nauki no. 4:30-40 '62.

AMUR RIVER ESTUARY—CHUM SALMON

Capture of a two-year old summer chum salmon (Oncorhynchus keta (Walbaum)) in the Amur Estuary. M. L. Krykhtin. Vop. ikht. 2 no. 3:556-557 '62.

AMUR VALLEY—COLLECTIVE FARMS—INCOME DISTRIBUTION

Improve the organization of labor and wages on the collective farms of the Amur Valley. A. Kuznetsov. Nauch. dokl. vys. shkoly; ekon. nauki no. 5:52-60 '62.

AMUR VALLEY—CONGRESSES

Results of a study of the Amur Basin. Vest. AN SSSR 32 no. 10:94-96 O '62.

AMUR VALLEY—CRANE FLIES

Crane flies (Diptera, Tipulidae) of the Amur-Zeya interfluve and their distribution in different landforms [with summary in English]. G. A. Zinov'ev, E. N. Savchenko. Ent. obozr. 41 no. 3:554-571 '62.

AMUR VALLEY—GEOLOGY

Geology of the western regions in the trough of the middle Amur. T. V. Veber. Geol. i geofiz. no. 9:111-115 '62.

AMUR VALLEY—REVOLUTION, 1917-1921

"Struggle for the Soviet regime in the Amur Valley" by V. P. Malyshev. Reviewed by F. N. Petrov, O. N. Iogansen, A. T. IAkimov. Ist. SSSR 6 no. 4:159-161 Jl-Ag '62.

AMUR VALLEY—SOILS—IRON CONTENT

Orthoeluvial accumulations and redistribution of iron during the formation of brown desert steppe soils in the Amur Valley [with summary in English]. B. A. Zimovets. Pochvovedenie no. 7:39-45 Jl '62.

AMYTROPHIC LATERAL SCLEROSIS

Amyotrophic lateral sclerosis and tick-borne encephalitis. V. M. Kantel'. Trudy Khab. med inst. no. 20:101-107 '60.

ANAEROBIC BACTERIA see Bacteria, Anaerobic

ANALGESICS

Effect of analgesic and neuroplegic substances on the coronary chemoreflex [with summary in English]. I. N. Pidevich. Uch. zap. Inst. farm. i khimioter. AMN SSSR 2:121-132 '60.

Effect of analgesic substances on cardiac blood supply [with summary in English] N. V. Kaverina. Uch. zap. Inst. farm. i khimioter. AMN SSSR 2 93-101 '60.

Effect of some analgesic substances and novocaine on reflexes from the heart [with summary in English]. M. IU. Ladinskaia. Uch. zap. Inst. farm. i khimioter. AMN SSSR 2 105-113 '60.

ANALYSIS (CHEMISTRY) see Chemistry, Analytical

ANALYSIS (MATHEMATICS) see Functions

ANALYSIS, CHROMATOGRAPHIC see Chromatographic analysis

ANALYTIC FUNCTIONS see Functions, Analytic

ANALYTICAL GEOMETRY see Geometry, Analytic

ANAPHYLAXIS

Effect of ether anesthesia on the course of anaphylaxis. E. IA. Kladnitskaia Zhur. mikrobiol., epid. i immun. 33 no. 8:120 Ag '62.

Role of the interoceptors in anaphylactic reaction. V. L. Lashas. Vest. AMN SSSR 17 no. 7 68-73 '62.

ANAPLASMOSIS

(see also subdivision under Glusk District)

Effectiveness of terramycin in experimental anaplasmosis in cattle P. A Bittukov Trudy NIVI 1 96-99 '60.

ANATASE

Photocatalytic activity of anatase and rutile A. V. Pamfilov, R. IA. Mushit, IA. S. Mazurkevich Ukr. khim. zhur. 28 no. 5 589-594 '62

ANATOMY—CONGRESSES

Vsesoiuznyi s'ezd anatomov, gistologov i embriologov. 6th, Kiev, 1958. [Transactions of the All-Union Congress of Anatomist, Histologists and Embryologists] Trudy. Khar'kov, M-vo zdravookhraneniia SSSR. Vol 1 1961. 943 p

ANATOMY, HUMAN

Proportions and asymmetry in man. M. TSentsiper. Nauka i zhizn' 29 no. 9:92-93 S '62.

ANATOMY, HUMAN—BIBLIOGRAPHY see Bibliography—Anatomy, Human

ANCESTRY see Heredity

ANCIENT HISTORY see History, Ancient

ANDESITES see subdivision under Transcarpathia

ANDREEV, ALEKSEI LEONIDOVICH, 1882-

80th birthday of Aleksei Leonidovich Andreev, member of the All-Union Council of Evangelical Christians and Baptists and Senior Presbyter in Ukraine Brat. vest no 3 71-74 '62

To Aleksei Leonidovich Andreev, member of the All-Union Council of Evangelical Christians and Baptists and Senior Presbyter in Ukraine Brat. vest. no. 3 75 '62.

ANDROGENS

Androgenic activity of some dicyclopentane derivatives. T. A. Mel'nikova. Trudy Len. khim. -farm. inst. no 13: 163-165 '61.

ANDRUSOV, NIKOLAI IVANOVICH, 1861-1924

N. I. Andrusov's works on paleontology and their significance; on the 100th anniversary of his birth. A. G. Eberzin. Biul. MOIP. Otd. geol. 37 no. 3:105-109 My-Je '62.

ANEROID BAROMETER—TESTING

Testing microbarometers with a combination microscope and micrometer. V. G Pirogov. Izv. vys. ucheb zav., gor. zhur. 5 no. 8:66-67 '62.

ANESTHESIA—COMPLICATIONS AND SEQUELAE

Prognostic significance of electrocardiography in thoracic surgery under anesthesia. E. A. Bogdanova. Khirurgiia no. 9:78-83 '62.

ANESTHESIA, ENDOTRACHEAL see Intratracheal anesthesia

ANESTHESIOLOGY

Robinet, I. S. [Electroencephalography as method for the study of anesthesia] Elektroentsefalografiia kak metod izucheniia narkoza. Moskva, Medgiz, 1961. 174 p. (DNLM)

Use of muscle relaxants in anesthesiology. T. M. Darbinian. Voen. med. zhur. no. 9:39-43 S '61.

ANGINA PECTORIS

Effect of compound health resort treatment in Kislovodsk using Nazan baths on neurosis patients with cardialgia and the angioneurotic form of stenocardia, based on data from clinical observation and plethysmography. N. E. Chinarova. Uch. zap. Pyat gos. nauch. -issl. balneol. inst. 3 231-236 '60

If medicines don't help. B. M. Khromov. Zdorov'e 8 no 10,9-10 O '62.

Treatment of angina pectoris seizures with chloracizine [with summary in English]. F. E. Ostapiuk. Uch. zap. Inst. farm. i khimioter. AMN SSSR 2:265-275 '60.

Treatment of angina pectoris with a new spasmolytic drug chloracizine [with summary in English]. N. A. Rekhtzamer. Uch. zap. Inst. farm. i khimioter. AMN SSSR 2 276-282 '60.

Treatment with persanthine of stenocardia [with summary in English]. TS A. Levina and others Vrach. delo no. 10:20-26 O '62.

ANGIOGRAPHY

Transcutaneous phlebography of the thorax. V. T. Apolin Khirurgiia no. 9,109-111 '62.

ANGIOSPASM

Ganglerone and its use in angiospastic conditions. N. N. Anosov Voen. -med zhur no 9 81 S '61.

ANGIOSPERMS

(see also subdivision under Kirghizistan)

Critical survey of recent investigations of the structure of the membrane of pollen grains of angiosperms. L. A. Aleshina. Bot. zhur. 47 no. 8:1210-1213 Ag '62.

ANGREN—COAL MINES AND MINING

Rock shift and landslides during underground mining in Angren coal mines. I. A. Turchaninov. Izv. AN Uz. SSR. Ser. tekh. nauk 6 no. 5:93-96 '62.

ANGULAR MOMENTUM (NUCLEAR PHYSICS)

Production of ΛK^0 and K^0K^0 pairs in interactions between protons and 7-8 Bev /c π^--mesons [with summary in English]. Van IUn-chan [Wang Yung-ch'ang] and others Zhur. eksp. i teor. fiz. 43 no. 3:815-822 '62

ANHYDRITE see subdivision under Almalyk region

ANILIDES

Anilides of 5-acenaphthoic acid and 3-acenaphthenesulfonic acid G V Kulik Ukr. khim zhur 28 no 5 637-640 '62

ANILINE

Catalytic action of amino acids and amines in organic reactions. Part 9 Acetylation of aniline by acetylthioglycolic acid A. A. IAsnikov, T. S Boiko Ukr. khim zhur. 28 no 5 624-626 '62

Some problems in the automation of the aniline dye industry. F. O. Avetisian, S. V. Trachik, A. T. Ponomarenko. Khim. prom. [Ukr.] no. 1:67-69 Ja-Mr '62.

ANILINE—SPECTRA

Spectra of the derivatives of 2,4-dinitroaniline. Presence of quasiautonomous cochromophore systems. E. E. Milliaresi, V. A. Izmail'skii. Dokl. AN SSSR 146 no. 5:1094-1097 O '62.

ANIMALS, FOOD HABITS OF

Food protein as an ecologic and physiological factor. V. V. Chernomordkov, N. F. Nadiarnaja. Biul. MOIP. Otd. biol. 67 no. 4:140-141 Jl-Ag '62.

Reception by the stomach and the regulation of feeding behavior in dogs. V. N. Chernigovskii. Biul. MOIP. Otd. biol. 67 no. 5:150-151 S-O '62.

ANIMALS, HABITATIONS OF

Effect of soil and ground conditions on the structure of the colonies of greater gerbils. M. A. Dubianskii. Biul MOIP. Otd. biol. 67 no. 4:156-157 Jl-Ag '62.

ANISOLE

Modernization of methanol distillation in the production of orthonitroanisole. V. A. Kononov. Khim. prom. [Ukr no. 1:87-88 Ja-Mr '62.

ANKYLOSIS

Bilateral congenital synostosis of the radius and ulna. G. T. Kozlov, I. V. Benin. Zdrav. Bel. 8 no. 5:57 My '62.

ANNAU—MOSQUES

Pugachenkova, G. A. [The Annau Mosque] Mechet' Anau, Ashkhabad, IUzhno-Turkmenskaia arkheologicheskaia kompleksnaia ekspeditsiia Akad. nauk Turkmenskoi SSR, 1959. 55 p. plates.

ANNIVERSARIES

Noteworthy dates in science and technology. Shkola i proizv. 6 no. 10 95-96 O '62.

ANOXEMIA

Biological factors of resistance to the processes of extinction of the vital functions of the body. V. A. Negovskii. Vest. AMN SSSR 17 no. 5:109-115 '62.

ANTARCTIC OCEAN—OCEAN CURRENTS

Theory of the Antarctic circumpolar current [with summary in English] V M Kamenkovich Trudy Inst okean. 56 241-293 '62.

ANTARCTIC OCEAN—SEA ICE

Akademiia nauk SSSR. Mezhduvedomstvennyi geofizicheskii komitet. X razdel programmy MGG. Okeanologiia [Papers. Sbornik statei] Moskva, Izd-vo Akad. nauk SSSR. (Rezul'taty issledovanii po programme Mezhdunarodnogo geofizicheskogo goda)

No. 8. Nazarov, V. S. [Ice of the Antarctic waters] L'dy Antarkticheskikh vod. 1962. 72 p.

ANTARCTIC REGIONS—IONOSPHERE

Geographic distribution of f₀F and some properties of the E region in Antarctica. G. V. Bukin. Geomag. i aer. 2 no. 5 918-924 S-O '62.

ANTARCTIC REGIONS—MAGNETISM, TERRESTRIAL—MAPS

Map of the distribution of the intensity of the geomagnetic field (T) in Antarctica. A. P. Shlikhtina. Geomag. i aer. 2 no. 4 759-562 Jl-Ag '62

ANTARCTIC REGIONS—MAGNETISM, TERRESTRIAL—SECULAR VARIATIONS

Secular variation of elements in the magnetic field in Antarctica. V. P. Orlov Geomag. i aer. 2 no. 5 972-975 S-O '62

ANTARCTIC REGIONS—WHALERS

At the shores of Antartica. P. Morozov. Radio no. 10 20 O '62.

ANTARCTIC REGIONS—WHALING

Long journey (to be continued). Igor' Neverov. Sov. Ukr. no. 9:127-143 S '62.

Malinovskii, N. Kh. [Under Antarctic skies] Pod nebom Antarktiki. [Odessa] Odesskoe knizhnoe izd-vo, 1962. 77 p.

(DNAL)

ANTENNAS (ELECTRONICS)

Diffraction at the open end of a sectorial horn. B. E. Kinber. Radiotekh i elektron 7 no. 10,1748-1762 O '62.

ANTHELMINTICS

Therapy of dictyocaulosis and muelleriosis of sheep using ditrazine. Iu. G. Egorov, I. G. Morozov. Trudy NIVI 1 174-178 '60

ANTHOCYANIN

Anthocyanins of some cultivated plants [with summary in English]. G. B. Samorodova-Bianki. Fiziol. rast. 9 no. 5:560-566 '62.

ANTHRACENE

Production of chemicals from the anthracene fraction of coke-oven coal tar by the high temperature hydrogenation method. A. G. Borts and others. Trudy IGI 17: 250-261 '62.

ANTHRACITE COAL

Increasing the yield of large sized anthracite in the coal preparation plant of the "V. I. Lenin" Mine (Nesvetayantsitsit Trust). V. IA. Savran. Obog. i brik. ugl. no. 24:11-18 '62.

ANTHRAQUINONES

Determination of impurities of mono- and tetradianthrimides in dinitrodianthraimide by means of paper partition chromatography. A. A. Cherkasskii, L. V. Merzlovkhova. Zav. lab. 28 no. 10 1177-1179 '62

Effect of the nature and position of halogen on the behavior of monohaloanthraquinones in paper chromatography. N. S. Dokunikhin, N. N. Kolokolov. Zhur. VKHO 7 no. 5, 597 '62.

ANTHRAX—CONGRESSES

Fourth plenary session of the Interdepartmental Scientific Methodological Commission for the Control of Anthrax. V. V. Arkhipov. Zhur. mikrobiol., epid. i immun. 33 no. 4:163-164 Ap '62.

ANTHROPOLOGICAL RESEARCH

Activity of the section of anthropology of the Moscow Naturalists' Society during 1961. Biul. MOIP. Otd. biol. 67 no. 5, 145-146 S-O '62.

Activity of the section of anthropology of the Moscow Naturalists' Society during the second half of 1960. Biul. MOIP. Otd. biol. 67 no. 5:144-145 S-O '62.

ANTHROPOLOGY

Anthropology in Russian periodicals in the 1830's. N. G. Zaikind. Biul. MOIP. Otd. biol. 67 no. 5:155 S-O '62.

ANTI-COMMUNIST MOVEMENTS see subdivision under Russia

ANTIAIRCRAFT ARTILLERY

Firing at short halts. L. Techko. Voen. vest. 42 no. 10:79-80 O '62.

ANTIAIRCRAFT GUNS

Fesenko, P. V. [Firing antiaircraft artillery at aerial targets] Strel'ba zenitnoi artillerii po vozdushnym tseliam. Moskva, Voenizdat, 1962. 70 p. (Za voenno-tekhnicheskie znaniia)

ANTIBIOTICS

Absolute configuration of tetracycline antibiotics V. N. Dobrynin and others. Izv. AN SSSR Otd. khim. nauk no. 9 1697 S '62

Adaptation and cross-resistance of micro-organisms to individual preparations and their combinations. I. V. Ovslankin, Zhur. mikrobiol., epid. i immun. 33 no. 8 134 Ag '62

Amount of vitamin C in the blood and urine of patients with chronic angiocholecystitis as related to dietetic therapy and the use of some antibiotics [with summary in English]. V. F. Zlobeeva. Vop. pit. 21 no. 3 47-52 My-Je '62

Antibody production by the spleen in vitro in the presence of antibiotics [with summary in English] N. V. Chumachenko, E. M. Sokolova. Zhur. mikrobiol., epid. i immun. 33 no. 8:57-59 Ag '62

Brencis, K. [Effect of antibiotics in raising and fattening meat type swine] Antibiotisko vielu lietekme bekona cuku audzesana un nobarosana. Riga, Latvijas lopkopibas un veterinarijas zinatniski petnieciskais institute, 1961. 25 p. [In Latvian]

(DNAL)

Clinical and immunobiochemical parallels in typhoid-paratyphoid patients. Report No. 2 Effect of antibiotic therapy on the protein composition of the blood serum and Widal's reaction, the interrelation between Widal's reaction and the individual blood serum protein fractions. A. A. Konstantinov and others. Trudy Khab. med. inst. no. 20 13-18 '60.

Drip method for the primary selection of antitumorous antibiotic substances. B. M. Labkovskii. Trudy Len. khim.-farm. inst. no. 13:126-132 '61.

Fermentative activity of pathogenic fungi under the influence of antibiotics. V. V. Dobromyslov Trudy Len. khim.-farm. inst. no. 13:102-112 '61.

Influence of chemotherapeutic substances on the protective functions of the body. Kh. Kh. Plancel'os Vest. AMN SSSR 17 no. 5 47-52 '62

Leonov, N. I., G. K. Skrlabin, and K. M. Solntsev [Antibiotics in animal husbandry] Antibiotiki v zhivotnovodstve. Moskva, Sel'khozizdat, 1962. 231 p.

(DNAL)

Method for the primary selection of antitumorous antibiotic substances. L. M. Shabad, A. V. Loginov, N. I. Volf'son Trudy Len. khim.-farm. inst. no. 13, 115-125 '61.

Study of the action of antibiotics on local and museum preserved Leptospira material in vitro. V. I. Seredina. Trudy Khab. med. inst. no. 20 119-122 '60.

Study of the combined action of antibiotics and oxygen on local strains of dysenteric bacilli. L. G. Livkina, O. V. Gorokhova. Trudy Khab. med. inst. no. 20:27-32 '60.

Thermophilic bacterium isolated from ozocerite [with summary in English]. Ch. B. Baitiev, S. M. Mamedov Izv. AN SSSR, Ser. biol. no. 5:782-786 S-O '62.

Unsaturated acids and macrocyclic lactones Report No. 4 Diastereoisomeric 2, 3-dihydroxy-2-methylpentanoic acids and their cleavage to antipodes L. D. Bergel'son and others. Izv. AN SSSR, Otd. khim. nauk no. 9 1612-1617 S '62.

Unsaturated acids and macrocyclic lactones. Report No. 5 Stereospecific synthesis of acetylenic α-glycols L. D. Bergel'son, S. G. Batrakov, A. N. Grigorian Izv. AN SSSR, Otd. khim. nauk no. 9 1617-1626 S '62.

Variability of dysenteric bacteria during the process of their adaptation to antibiotics. R. S. Shershevskaia. Trudy Khab. med. inst. no. 20:33-37 '60.

ANTICOAGULANTS (MEDICINE)

Treatment of patients with arteriosclerosis of the cerebral vessels with vasodilators and anticoagulants. V. N. Laviov. Voen.-med. zhur. no. 9, 71-73 S '61

ANTIGENS AND ANTIBODIES

Antibody production by the spleen in vitro in the presence of antibiotics [with summary in English]. N. V. Chumachenko, T. M. Sokolova. Zhur. mikrobiol., epid. i immun. 33 no. 8:57-59 Ag '62

Autoantigens in the blood of schizophrenics. L. A. Stukalova. Trudy Gos. nauch.-issl. inst. psikh. 27:135-137 '61

Blood group antigens in ontogenesis [with summary in English]. P. N. Kosiakov, L. N. Murav'eva. Biul. eksp. biol. i med. 53 no. 6:52-55 Je '62.

Change in the complement-fixing activity of antigens prepared from Rickettsia burnetii [with summary in English]. A. I. IAkovlev, A. I. Polozov. Zhur. mikrobiol., epid. i immun. 33 no. 8:74-79 Ag '62.

Effect of aminazine on the concentration of specific typhoid fever antibodies in the bodies of rabbits. V. V. Kvirikadze and others. Trudy Gos. nauch.-issl. inst. psikh. 37:261-266 '61.

Evaluation of the interrelationships between the antigens in botulin penta-anatoxin on the basis of a study of various immunity indices in animals [with summary in English]. A. A. Vorob'ev, A. P. Labinskii. Biul. eksp. biol. i med. 53 no. 6:55-59 Je '62.

Interrelation of the production of antibodies and γ globulins under normal conditions and under the influence of cortisone in rabbits exposed to successive immunization [with summary in English]. L. T. Pliat. Zhur. mikrobiol., epid. i immun. 33 no. 8:118-124 Ag '62.

Rapid diagnosis of bacterial dysentery by means of the method of fluorescing antibodies B. A. Chukhlovin, S. P. Ivanova Voen.-med. zhur. no. 9 55-57 S '61

Some characteristics of reactions of the organism to microbial and homologous cell antigens [with summary in English]. N. N. Klemparskaia and others. Zhur. mikrobiol., epid. i immun. 33 no. 8:89-95 Ag '62.

Study of the conditions of absorption of a soluble antigen isolated from Mycobacterium tuberculosis subjected to ultrasonic waves V. A. Blagoveshchenskii, G. I. Stepanchenok-Rudnik, L. V. Zhulina Zhur. mikrobiol., epid. i immun. 33 no. 8:130 Ag '62.

Study of the optimum conditions for the formation of the protective extracellular anthrax antigen on a milk medium [with summary in English]. N. I. Aleksandrov and others. Zhur. mikrobiol., epid. i immun. 34 no. 4: 9-11 Ap '62

Use of fluorescing antibodies in the diagnosis of dysentery P. D. Gorokhov, Z. Kh. Rudoi. Voen.-med. zhur. no. 9 59-60 S '61.

ANTIGENS AND ANTIBODIES—ANALYSIS

Diffusion precipitation in gel of antigens of tularemic bacteria Report No. 1 [with summary in English]. V. P. Dzhanpoladova, A. P. Semenova. Zhur. mikrobiol., epid. i immun. 33 no. 1 27-30 Ap '62

ANTIMONY

Some microhardness characteristics of tellurium single crystals due to small additions of antimony. V. I. Veniaksu, V. N. Lange, R. V. Sukhanova. Izv. vys. ucheb. zav.: fiz. 124-126 '62.

ANTIMONY—ANALYSIS

Detection of As, Sb, and Sn present together and in a mixture with other cations by means of paper precipitation chromatography IU. M. Labii Ukr. khim. zhur. 28 no. 5 611-613 '62

ANTIMONY—ISOTOPES

Chemical changes during β-decay of Sb^{125}, present in certain phenyl- and tolyl derivatives V. D. Nefedov, I. S. Kirin, V. M. Zaitsev Radiokhimiia 4 no. 3: 351-355 '62

ANTIMONY-CADMIUM ALLOYS see Cadmium-antimony alloys

ANTIMONY-ZINC ALLOYS see Zinc-antimony alloys

ANTIQUITIES

(see also subdivision under Baikal Lake region, Iraq, Moldavia; Moscow; Neman Valley, White Russia; Romashki, Kiev Province; Siberia; Tasalli-N-Ajjer; Transcaucasia)

Helmet and pumpkin, Aleksandr Kazantsev. Ogonek 40 no. 13 20-22 O '62.

ANTISPETICS

Resistance of the pathogen of trichomoniasis in cattle to some antiseptic agents. N. A. Anishchenko. Trudy NIVI 1 132-141 '60

ANTITANK GUNS

Platoon against tanks. V. Shmatov. Voen. vest. 42 no. 10 105-108 O '62.

ANTS

Studies on the biology of ants. Report No. 1. P. I. Marikovskii. Uch. zap. Biol.-pochv. fak. Kir. un. no. 7: 295-300 '58.

AORTA—DISEASES

Case of successful treatment of aortic coarctation associated with patent ductus arteriosus. M. B. Dribinskii, T. A. Oksareva. Khirurgiia no. 9:128-129 '62.

AORTIC VALVE—SURGERY

Electroencephalographic observations in aortic commissurotomy by an open method under hypothermia. A. L. Mikaelian, V. IU. Ostrovskii. Khirurgiia no. 9:72-76 '62.

APARAN DISTRICT—INTAKES (HYDRAULIC ENGINEERING)

Operation of a mountain water intake with percolating jetties [in Armenian with summary in Russian] G. A. Giarakian. Izv. Glav. upr. sel'khoz. nauk i podget kad. Arm. SSR 5 no. 5:65-73 '62.

APARTMENT HOUSES

(see also subdivision under Leningrad; Nazhnly, Tagil; Tajikistan)

Rural apartment houses with more stories IA. Timofeev Sel'. stroi. no. 9 3-4 S '62

Ways to lower the work required for finishing operations in construction. V. S. Pevzner. Gor. khoz. Mosk. 36 no. 9:12-15 S '62.

APARTMENT HOUSES—MAINTENANCE AND REPAIR

(see also subdivision under Moscow)

You can learn from them. D. Savvin. Zhil.-kom. khoz. 12 no. 5:14 My '62.

APHASIA

Akademiia meditsinskikh nauk SSSR. Moscow. Institut nevrologii. [Problems in the clinical aspects and pathophysiology of aphasia] Voprosy kliniki i patofiziologii afazii. Pod red. E. A. Shmidta i R. A. Tkacheva. Moskva, Medgiz, 1961. 176 p.

(DNLM)

...ed by ...the use of listenon [with ...'62, ...Prakhov. Vest. khir.

...n of the ...Supreme Court of the ...ch. Sudia ... no. 5 3-6 '62.

...of the ...intestine after an appendec- ...Zdrav. ...Bel 8 no 5:51-52 My '62.

...nd the ...rapeutic aspects of acute ...pect old ...age. E.I. Dymnikova. ...43-47 Ag '62. ...rative ...complications in various ...a. P. V ...Aleksandrov Voen.-med

...)

...f the ...Phagocytic apparatus of the ...in the ...rabbit [with summary in ...olev. ... Biul. eksp. biol. i med. 53

...)—MICROBIOLOGY

...contents of a removed appendix ...Ogurt' ... K G Tabatadze. Voen - ...S '61.

...n under ...Kuban) ...rdiness of apple seedlings grown ...a parts of the tree crown. I.S. ... 7:209-217 '61. ...in the ...crown and the physiological ...pple seedlings. I.S.Kuzin. Trudy ...61.

...ar trees ...in the school garden plot ...ing and ...experimental orchard ...Vor. gos. ped. inst 38 3-15 '61

...genesis ...of generative buds in apple. ...Turovtsev, O.I.Savel'eva. Trudy ...61.

...rage of ...apples and grapes] Khranе- ...da. ...Moskva, Gostorgizdat, 1961.

...on under ...Kodiy) ...ovka apple along clone lines V.M. ...ologiia no 3:361-364 My-Je '62.

...QUIREMENTS see subdivision under

...DRYING

...ig of apple marmalade in blocks. ...rye. uchob. zav.; pishch. tekh. no. 5

...ib. I. I. Vanin. Trudy TSGL 7:285-

...PUTATION

...proximate computation in physics ...nik, N. IA. Praisman. Fiz. v shkole ...-Ag '62.

...imation ...in the kinetics of a rarefied ...nary in English]. A A Vedenov, ...ur. eksp. i teor. fiz 43 no 3,963-

...nation ...method for calculating a lami- ...on axially symmetric bodies [with ...sh]. L. A. Kulonen. Vest. LGU 17

...roximations in analyzing the work of ...lated devices. V.D. Nachaev. Izv. ...adiofiz. 5 no.5:1035-1037 '62.

...ision under Armenia

...d peach; ...work results of Academician ...rudy TSGL 7:82-108 '61.

...LLA—SEISMOLOGY

...ig of the ...Apsheron Peninsula. F.T. ...st. fiz. Zem. no. 22. Vop. inzh. seism.

...and the ...resolute. N. Beliakov. ...o 10:32 O '62.

...FOREIGN RELATIONS—RUSSIA

...Arab ...countries, 1917-1960, documents ...kaia. Reviewed by N. S. Lutskaia. ...5:182-183 '62.

...NEWSPAPER AND PERIODICAL

...V. Skvortsov. Raspr. pech. no. 10:

...Y—POLITICS

...is on the ...Arabian peninsula. ...9 no. 11:148-150 N '62.

ARABIC LITERATURE see subdivision under Saudi Arabia

ARAJS-BERCE, AUGUSTS, pseud. see Berce, Augusts, 1890-1921

ARAL SEA—ATHERINIDAE
Some data on the distribution of new inhabitants of the Caspian Sea in the Aral Sea. E.L.Markova. Biul. MOIP, Otd. biol 67 no.5 130-132 S-O '62.

ARAL SEA—GOBIES
Some data on the distribution of new inhabitants of the Caspian Sea in the Aral Sea. E.L.Markova. Biul. MOIP Otd.biol. 67 no.5 130-132 S-O '62.

ARAL SEA REGION—GERBILS
Effect of soil and ground conditions on the structure of the colonies of greater gerbils. M.A.Dubianskii. Biul. MOIP, Otd.biol. 67 no.4:156-157 Jl-Ag '62.

ARAL SEA REGION—TAMARISK
Agricultural importance of tamarisk shrub shelterbelts in farming in the deserts of the northern Aral Sea region. IU.I.Kirillov, Z.Bukharbaev. Vest. sel'khoz. nauki [Kazakh.] 5 no.8:70-75 Jl '62.

ARAL SEA REGION—TICKS AS CARRIERS OF DISEASE
Occurrence of the tick Hyalomma asiaticum asiaticum infected with plague on a camel. M.G.Komardina, L.I.Loseva, N.A.Eremitskaia. Biul. MOIP, Otd. biol. 67 no.1:157-158 Jl-Ag '62.

ARAL SEA REGION—WINDBREAKS, SHELTERBELTS, ETC.
Agricultural importance of tamarisk shrub shelterbelts in farming in the deserts of the northern Aral Sea region. IU.I.Kirillov, Z.Bukharbaev. Vest. sel'khoz. nauki [Kazakh.] 5 no.8:70-75 Jl '62.

ARAL SEA REGION—ZOOLOGICAL RESEARCH
Activity of the Aral Branch of the Moscow Naturalists' Society in the second half of 1961. Biul. MOIP, Otd. biol. 67 no.4:153 Jl-Ag '62.

ARARAT PLAIN—COCHINEAL
Armenian cochineal and its occurrence in the Ararat Plain [in Armenian with summary in Russian]. S.T. Avdalbegian. Izv. AN Arm. SSR. Biol. nauki 15 no 7 89-94 '62.

ARARAT PLAIN—GAS, NATURAL—GEOLOGY
Evaluation of oil and gas potentials in the Ararat Plain and adjacent regions and trends in oil and gas prospecting. S.K. Arzumanian. Izv. AN Arm. SSR. Geol. i geog. nauki 15 no. 5 59-68 '62.

ARARAT PLAIN—PETROLEUM GEOLOGY
Evaluation of oil and gas potentials in the Ararat Plain and adjacent regions and trends in oil and gas prospecting. S.K. Arzumanian. Izv. AN Arm. SSR. Geol. i geog. nauki 15 no. 5.59-68 '62

ARARAT REGION—FRUIT CULTURE
Strip irrigation of orchards in the stony soils ("Kirs") of the piedmont zone of the Ararat Depression [in Armenian with summary in Russian]. G.E. Mikoian. Izv. Glav. upr. sel'khoz. nauk i podgot. kad. Arm. SSR 5 no 5.45-51 '62.

ARARAT REGION—IRRIGATION
Strip irrigation of orchards in the stony soils ("Kirs") of the piedmont zone of the Ararat Depression [in Armenian with summary in Russian]. G.E. Mikoian. Izv. Glav. upr. sel'khoz. nauk i podgot. kad Arm SSR 5 no. 5 45-51 '62.

ARARAT REGION—TOPOGRAPHIC MAPS
Large scale topographic map in agricultural economic planning [in Armenian with summary in Russian]. P.P. Kazanchian. Izv. Glav. upr. sel'khoz. nauk i podgot. kad. Arm SSR 5 no. 5.75-77 '62

ARBITRATION AND AWARD
Decisions of arbitration agencies. Sov. iust. no. 20: 32 O '62.
Decisions of the State Arbitration Agency attached to the Council of Ministers of the U.S.S.R. Sots. zakon. 39 no. 11,91-93 N '62.

ARBORETUMS see subdivision under Crimea

ARBUZOV, ALEKSANDR ERMININGEL'DOVICH, 1877-
Aleksandr Erminingel'dovich Arbuzov. Izv. AN SSSR. Otd. khim nauk no 10 1705-1707 O '62.
Aleksandr Erminingel'dovich Arbuzov, on the 85th anniversary of his birth. Izv. AN SSSR. Otd khim nauk no. 9:1513 S '62.
On the 85th birthday of Academician A.E. Arbuzov. Vest AN SSSR 32 no. 10:98 O '62.

ARBUZOV REARRANGEMENT see Rearrangements (Chemistry)

ARCHAEOCYATHIDAE
Anatomy of Archaeocyathus. A.G. Vologdin Paleont. zhur no 2:9-20 '62.
Morphology of the external walls of regular Archaeocyathus. V.V. Missarzhevskii, A.IU. Rozanov. Paleont zhur. no. 2:34-44 '62.
The most ancient marine animals. A.G. Vologdin. Priroda 51 no. 10:85-86 O '62.

ARCHAEOLOGY
(see also subdivision under Issyk-Kul' region, Latvia)
Underwater examination of sunken ships. B.G. Peters, IU.A. Savel'ev. Vest. drev. ist. no. 3,210-213 '62.

ARCHAEOLOGY—BIBLIOGRAPHY see Bibliography—Archaeology

ARCHANGEL—ASCORBIC ACID
Vitamin C supply under conditions prevailing in Archangel [with summary in English]. G.A. Shekhtman. Vop. pit. 21 no. 3 52-55 My-Je '62.

ARCHANGEL—FIRES AND FIRE PREVENTION
Fire won't take them by surprise I Nosov Pozh delo 8 no 15-16 O '62

ARCHANGEL PROVINCE—FOREST SOILS
Mineral exchange in spruce forests of the northern taiga and forest tundra in Archangel Province [with summary in English]. A.I. Marchenko, E.M. Karlov. Pochvovedenie no. 7:52-66 Jl '62.

ARCHANGEL PROVINCE—REVOLUTION, 1917-1921
In the footsteps of the past. V. Nikitin. Sov. rad. i tel. 6 no. 1 6-7 '57.

ARCHITECTS—EDUCATION AND TRAINING see subdivision under Kiev

ARCHITECTS, UKRAINIAN
Young architects are reaching the fullness of their powers. G. Golovko. Stroi. i arkhit. 10 no. 9 3-4 S '62.

ARCHITECTURE see subdivision under Buryat-Mongolia, Rumania, Russia, Northeastern, Ryazan

ARCHITECTURE—ABSTRACTS
[Journal of abstracts: Construction and architecture] Ref zhur. Stroi i arkhit. 4 no. 5 '62.

ARCHITECTURE—COMPETITIONS
Russia (1923- U.S.S.R.) Gosudarstvennyi komitet po delam stroitel'stva. [Program of the all-Union open contest for the development of designs and plans of new types of railroad stations] Programma otkrytogo vsesoiuznogo konkursa na razrabotku proektov novykh tipov zdanii zheleznodorozhnykh vokzalov. Moskva, Gosstroiizdat, 1962. 10 p.

ARCHITECTURE—CONGRESSES
Vsesoiuznyi s"ezd Sovetskikh arkhitektorov, 3d, Moscow, 1961. [Third All-Union Congress of Soviet Architects, May 18-20, 1961, abridged verbatim report] Sokrashchennyi stenograficheskii otchet. Moskva, Gosstroiizdat, 1962. 180 p.

ARCHITECTURE—DESIGNS AND PLANS
(see also subdivision under Kazakhstan; Kiev)
In the planning institutes. Biul. stroi. tekh. 19 no. 9, 45-47 S '62.
New standard plans for fire depots M Bobrovnikov. Pozh. delo 8 no. 10:24-25 O '62
Several problems in the organization of construction planning. O. Smazhennyi. Ekon. Rad. Ukr. no. 4:24-29 Jl-Ag '62.

ARCHITECTURE, DOMESTIC see subdivision under Azerbaijan, Russia, Northern

ARCHITECTURE, VANNIC see subdivision under Erivan

ARCHIVES
Vialikov, V.I. [Central State Military and Historical Archives of the U.S.S.R. Central State Archives of Ancient Documents of the U.S.S.R.] TSentral'nyi gosudarstvennyi voenno-istoricheskii arkhiv SSSR. TSentral'nyi gosudarstvennyi arkhiv drevnikh aktov SSSR; uchebnoe posobie [by] G.A. Dremina, Z.V. Kraiskaia, IU F. Kononov. Moskva, Mosk. gos. istoriko-arkhivnyi in-t M-va vysshego i srednego spetsial'nogo obrazovaniia, 1960. 100 p.
(MH)

ARCTIC REGIONS
The North Pole celebrate an anniversary. G. Tabachnik. Ogonek 10 no. 22:17 My '62.
"Northern lights; a journalist's notebook" by IUrii Gal'perin. Reviewed by IU. Letunov. Sov. rad. i tel. 6 no. 1:32 '57.

ARCTIC REGIONS—BIRDS—FOOD
Role of insects in the nutrition of some Arctic birds [with summary in English]. IU.I. Chernov, S.M. Uspenskii. Biul. MOIP, Otd. biol. 67 no. 4:26-31 Jl-Ag '62.

ARCTIC REGIONS—BUDS
Regenerative buds of Arctic plants [with summary in English]. V.V. Vikhreva-Vasil'kova. Bot. zhur. 47 no. 8: 1141-1151 Ag '62.

ARCTIC REGIONS—DRIFTING ICE STATIONS
[On an ice island] Na ledianom ostrove. Moskva, Gos. izd-vo geogr. lit-ry, 1962. 236 p.

ARCTIC REGIONS—FORAMINIFERA, FOSSIL
Foraminifers of bottom sediments in the western part of the Polar Basin. V.P. Androsova. Trudy VNIIO 46. 102-117 '62.

ARCTIC REGIONS—MARINE BIOLOGY
Plankton organisms as indicators of currents in the waters of the Faeroe-Iceland area and adjacent regions. A. P. Vinogradov. Trudy VNIRO 46 267-287 '62.

ARCTIC REGIONS—OCEAN CURRENTS
Plankton organisms as indicators of currents in the waters of the Faeroe-Iceland area and adjacent regions. A. P. Vinogradov. Trudy. VNIRO 46 267-287 '62

ARCTIC REGIONS—OCEANOGRAPHY
Some characteristics of the hydrogeologic cyclic change in the commercial areas of the Norwegian, Greenland, and Barents Seas. S. I. Potaichuk. Trudy VNIRO 46 92-102 '62.

ARCTIC REGIONS—WALLS
The walls of buildings used in the Arctic must be more economical. V. Vasil'ovskii. Ekon. stroi. no. 10 72-3 of cover O '62.

ARGILLIZATION
(see also subdivision under Altai Mountains)
Mineralogical and geochemical characteristics of the argillization of basic rocks. IU. V. Kazitsyn. Zap. Vses. min. ob-va 91 no. 4 421-432 '62

ARITHMETIC
Andronov, I. K., and V. M. Bradis. [Arithmetic] Arifmetika, posobie dlia srednei shkoly. Izd. 2. Moskva, Uchpedgiz, 1962. 295 p.

Pchelko, A. S., and G. B. Poliak. [Arithmetic, textbook for grade 2] Arifmetika, uchebnik dlia 2-go klassa. Izd. 8, ispr. Moskva, Gos. uchebno-pedagog. izd-vo, 1961. 143 p.
(CU)

Pchelko, A. S., and G. B. Poliak. [Arithmetic, textbook for the fourth grade of elementary schools] Arifmetika, uchebnik dlia 4-go klassa nachal'noi shkoly. Izd. 6., perer. Moskva, Gos. uchebno-pedagog. izd-vo, 1960. 182 p.
(TNJ)

Pchelko, A. S., and G. B. Poliak. [Arithmetic, textbook for the second grade of elementary schools] Arifmetika, uchebnik dlia 2-go klassa nachal'noi shkoly. Izd. 6. Moskva, Gos. uchebno-pedagog. izd-vo, 1959. 138 p.
(TNJ)

Pchelko, A. S., and G. B. Poliak. [Arithmetic, textbook for the third grade of elementary schools] Arifmetika, uchebnik dlia 3-go klassa nachal'noi shkoly. Izd. 6., perer. Moskva, Gos. uchebno-pedagog. izd-vo, 1960. 159 p.
(TNJ)

Shevchenko, I. N. [Arithmetic, textbook for grades five and six of the eight-year and secondary schools] Arifmetika, uchebnik dlia 5 i 6 klassov vos'miletnei i srednei shkoly. Izd. 5., perer. Moskva, Gos. uchebno-pedagog. izd-vo, 1960. 214 p.
(TNJ)

ARITHMETIC—PROBLEMS, EXERCISES, ETC
Analyzing the processes of solving simple arithmetic problems. Report No. 2. Methods of solution and the contents of arithmetic problems. G. P. Shchedrovitskii, S. G. Iakobson. Dokl. APN no. 3:35-40 '62.

ARITHMETIC—STUDY AND TEACHING
Zankov, L. V., and N. V. Kuznetsova. [Teaching arithmetic in the first grade] Iz opyta obucheniia arifmetike v I klasse. Moskva, Uchpedgiz, 1961. 111 p.
(CLU)

ARITHMETIC—TEXTBOOKS see subdivision under Bulgaria

ARMAVIR REGION—BORA
Stronger than boras. S. A. Malik. Priroda 51 no. 10: 118 O '62.

ARMENIA—AGRICULTURE
Twenty-second Congress of the CPSU on the ways of intensive development of agriculture [in Armenian with summary in Russian]. A. O. Marukhian. Izv. Glav. upr. sel'khoz. nauk i podgot. kad. Arm. SSR 5 no. 7 3-12 '62.

ARMENIA—APRICOT
Some chemical indices of vegetative and generative shoots and buds in the apricot [in Armenian with summary in Russian]. S. M. Minasian, G. A. Khodzhumian. Izv. Glav. upr. sel'khoz. nauk i podgot. kad. Arm. SSR 5 no. 5 39-44 '62.

ARMENIA—BROILERS (POULTRY)
Raising chicks of the Erivan strain for meat (broilers) under various conditions of maintenance [in Armenian with summary in Russian]. S. G. Saakian. Izv. Glav. upr. sel'khoz. nauk i podgot. kad. Arm. SSR 5 no. 7 93-101 '62

ARMENIA—CATTLE BREEDING
Changes of some physiological indices in crossbred cattle [in Armenian with summary in Russian]. V. B. Voskanian. Izv. Glav. upr. sel'khoz. nauk i podgot. kad. Arm. SSR 5 no. 7:81-92 '62.

ARMENIA—COLLECTIVE FARMS—FINANCE
Dynamics and structure of capital investments and basic assets of production on collective farms [in Armenian with summary in Russian]. G. V. Davtian. Izv. Glav. upr. sel'khoz. nauk i podgot kad Arm. SSR 5 no. 5 3-13 '62

ARMENIA—COMMUNIST PARTY OF THE SOVIET UNION
Khrushchev, N. S. [Speech at the formal meeting in Erevan, dedicated to the fortieth anniversary of the Soviet government and the creation of the Communist Party of Armenia, May 6, 1961] Rech' na torzhestvennom zasedanii v gorode Erevane, posviashchennom 40-letiiu ustanovleniia Sovetskoi vlasti i sozdaniia Kommunisticheskoi partii Armenii, 6 maia 1961 goda. Erevan, Armianskoe gos. izd-vo, 1961. 34 p.
(CSt-H) (MH)

ARMENIA—CONSTRUCTION INDUSTRY—MANAGEMENT
Improving the administration of construction is a potential for saving state funds. R. Burnazian. Ekon. stroi. no. 9 55-57 S '62

ARMENIA—CORN (MAIZE)
Effect of sowing dates on the interrelation between corn and pulse crops in companion cropping [in Armenian with summary in Russian]. E. L. Akopian. Izv. Glav. upr. sel'khoz. nauk i podgot. kad. Arm. SSR 5 no. 7 35-44 '62

ARMENIA—COTTON—VARIETIES
Variability of Central Asian cotton varieties under soil and climatic conditions prevailing in the Armenian S. S. R. [in Armenian with summary in Russian]. G. B. Lalaev, A. M. Dzhabian. Izv. Glav. upr. sel'khoz. nauk i podgot. kad. Arm. SSR 5 no. 5 33-38 '62.

ARMENIA—ENCYRTIDAE
New encyrtids (Hymenoptera, Encyrtidae) from the U.S.S.R. and Afghanistan. V. A. Triapitsyn. Trudy Zool. inst. 30 278-290 '62.

ARMENIA—FLEAS
Recent data on fleas of the Armenian S. S. R. G. A. Avetisian. Izv. AN Arm. SSR. Biol. nauki 15 no. 7:97-99 '62.

ARMENIA—FOREST FAUNA
Coccids of the forests of Armenia. M. A. Ter-Grigorian. Zool. sbor. no. 12 125-161 '62.

ARMENIA—GEOLOGY, STRATIGRAPHIC
Nummulitidae of the Armenian S. S. R. and the delineation of the Paleogene stages. A. A. Gabrielian. Izv. AN Arm. SSR. Geol. i geog. nauki 15 no. 5:3-17 '62.

ARMENIA—GEOMORPHOLOGY
Akad. [illegible] Armianskoi SSR, Erivan. Institut ge[illegible] [Geography of the Armenian S.S.R.] Geografiia Armianskoi SSR. Glav. red. S. S. Mkrtchian (glav. red.) i dr. Erevan, Izd-vo AN Armianskoi SSR. Vol. 1. [Geomorphology] Geomorfologiia. 1962. 430 p. map.

ARMENIA—HISTORY
Khrushchev, N. S. [Speech at the formal meeting in Erevan, dedicated to the fortieth anniversary of the Soviet government and the creation of the Communist Party of Armenia, May 6, 1961] Rech' na torzhestvennom zasedanii v gorode Erevane, posviashchennom 40-letiiu ustanovleniia Sovetskoi vlasti i sozdaniia Kommunisticheskoi partii Armenii, 6 maia 1961 goda. Erevan, Armianskoe gos. izd-vo, 1961. 34 p.
(CSt-H) (MH)

ARMENIA—HORNTAILS
Materials on sawflies and horntails in the Armenian S. S. R. A. B. Dadurian. Zool. sbor. no. 12. 63-98 '62.

ARMENIA—LEGUMES
Effect of sowing dates on the interrelation between corn and pulse crops in companion cropping [in Armenian with summary in Russian]. E. L. Akopian. Izv. Glav. upr. sel'khoz. nauk i podgot. kad. Arm. SSR 5 no. 7 35-44 '62.

ARMENIA—MONIEZIA—HOST ANIMALS
Species of oribatid mites occuring as intermediate hosts of Moniezia, their distribution in the Armenian S. S. R. and natural infection rate [in Armenian with summary in Russian]. P. K. Svadzhian. Zool. sbor. no. 12 163-178 '62.

ARMENIA—NATURAL RESOURCES
Yearbook "The nature of Armenia." A book review. Priroda 51 no. 10:80 O '62.

ARMENIA—NUMMULITIDAE, FOSSIL
Nummulitidae of the Armenian S. S. R. and the delineation of the Paleogene stages. A. A. Gabrielian. Izv. AN Arm. SSR. Geol. i geog. nauki 15 no. 5 3-17 '62.

ARMENIA—ORIBATIDAE
Species of oribatid mites occuring as intermediate hosts of Moniezia, their distribution in the Armenian S. S. R. and natural infection rate [in Armenian with summary in Russian]. P. K. Svadzhian. Zool. sbor. no. 12:163-178 '62.

ARMENIA—PEGMATITES
Gabbro-pegmatites in the ophiolite formation in the Armenian S. S. R. S. B. Abolan. Izv. AN Arm. SSR. Geol. i geog. nauki 15 no. 5:35-46 '62.

ARMENIA—PISTACHIO
Physiological characteristics of the pistachio and possibilities for its cultivation in Armenia [in Armenian with summary in Russian]. M. A. Ambartsumian. Izv. AN Arm. SSR. Biol. nauki 15 no. 7:51-58 '62.

ARMENIA—PLOWING
Operating width of plows when working on slopes [in Armenian with summary in Russian]. Kh. A. Khachatrian. Izv. Glav. upr. sel'khoz. nauk i podgot. kad. Arm. SSR 5 no. 5 15-22 '62

ARMENIA—POTATOES
Economic effectiveness of producing potatoes in the Armenian S. S. R. [in Armenian with summary in Russian]. Izv. Glav. upr. sel'khoz. nauk i podgot. kad. Arm. SSR 5 no. 7 13-23 '62

ARMENIA—RURAL CONDITIONS
Scenes from rural life. G. Ratgauz. Sov. Soiuz no. 11: 20-21 '62

ARMENIA—SAWFLIES
Materials on sawflies and horntails in the Armenian S. S. R. A. B. Dadurian. Zool. sbor. no. 12 63-98 '62.

ARMENIA—SCALE INSECTS
Coccids of the forests of Armenia. M. A. Ter-Grigorian. Zool. sbor. no. 12 125-161 '62.

ARMENIA—SILKWORMS
Embryological characteristics of some new mulberry silkworm strains [in Armenian with summary in Russian]. S. M. Sarkisian, Zh. M. Ormanian. Izv. Glav. upr. sel'khoz. nauk i podgot. kad. Arm. SSR 5 no. 7, 103-108 '62

ARMENIA—SMUTS
Some factors influencing the infection of wheat by loose smut. N. A. Kechek. Izv. AN Arm. SSR. Biol. nauki 15 no. 7 81-88 '62.

ARMENIA—WHEAT—DISEASES AND PESTS
Some factors influencing the infection of wheat by loose smut. N. A. Kechek. Izv. AN Arm. SSR. Biol. nauki 15 no. 7 81-88 '62.

ARMENIA—ZOOLOGICAL RESEARCH
Zoological Institute of the Academy of Sciences of the Armenian S. S. R. and the 10th anniversary of the establishment of Soviet rule in Armenia. A. A. Chilingarian, S. M. Khnzorian. Zool. sbor. no. 12, 5-10 '62.

ARMENIA—ZOOLOGY—BIBLIOGRAPHY
Zoological Institute of the Academy of Sciences of the Armenian S. S. R. and the 40th anniversary of the establishment of Soviet rule in Armenia. A. A. Chilingarian, S. M. Khnzorian. Zool. sbor. no. 12 5-10 '62.

ARMENIAN LITERATURE—BIBLIOGRAPHY see Bibliography—Armenian literature

ARMIES see also subdivision 'Army' under Bulgaria; Russia, United States

ARMIZONSKOYE DISTRICT—TYPHUS FEVER
Epidemiological and etiological characteristics of northern Asiatic tick-borne exanthematous typhus in the Armizonskoye District of Tyumen' Province [with summary in English]. N. V. Voshchakina, Zhurnal mikrobiol., epid. i immun. 33 no. 4:47-53 Ap '62.

ARREST OF SHIPS
International convention for the unification of certain rules relating to the arrest of seagoing ships, signed in Brussels on May 10, 1952. Inform. sbor. TSNIIMF no. 46 Mor. pravo i prak. no. 8, 58-65 '60.

ARRHYTHMIA
Eccentric heart. L. I. Fogel'son. Zdorov'e 8 no. 11: 19-20 N '62.

ARSEN'EV, VLADIMIR KLADVIEVICH, 1872-1930
Memory of the taiga. Igor' Bolgarin. Vokrug sveta no. 9:58-61 S '62.

ARSENIC—ANALYSIS
Detection of As, Sb, and Sn present together and in a mixture with other cations by means of paper precipitation chromatography. IU. M. Lahii. Ukr. khim. zhur. 28 no. 5 641-649 '62.

ARSENIC COMPOUNDS
Possibility of the separate determination of trivalent and pentavalent arsenic in the presence of ions of ferric and ferrous oxides. V. V. Gusev, O. F. Shevchenko. Ukr. khim. zhur. 28 no. 3:377-382 '62.

ARSENIC OXIDE
Equilibrium in the system As_2O_3-H_2O-H_2SO_4. G. K. Distanov. Uch. zap. Biol.-pochv. fak. Kir. un. no. 7: 185-188 '58.

Reaction of arsenious anhydride with iron oxides at high temperatures. V. V. Gusev. Ukr. khim. zhur. 28 no. 5 577-584 '62

ART
(see also subdivision under Czechoslovakia)
Brief notes. Iskusstvo 25 no. 8:78-80 '62.

Life is most important! V. Popkov. Iskusstvo 25 no. 8: 4-6 '62.

Make the study of art a reality! Iskusstvo 25 no. 8:2-3 '62.

Painting, sculpture, and graphic arts on the pages of the periodical "Unost'." I. Gorin. Iskusstvo 25 no. 8:72-74 '62.

V. A. Favorskii on art. IU. Khalaminskii. Iskusstvo 25 no. 8:15-19 '62.

ART—CATALOGS see subdivision under Kiev

ART—EXHIBITIONS
Paintings and drawings of the young architects' exhibition. B. Lekar'. Stroi. i arkhit. 10 no.9 34-35 S '62.

ART—PERIODICALS
Looking over foreign periodicals.... Iskusstvo 25 no.8 75-77 '62

ART—PHILOSOPHY
The language of paintings. IU. Pavlov. IUn. tekh. 7 no.10 57-59 O '62

ART—STUDY AND TEACHING see subdivision under Ulan Bator

ART, ABSTRACT
"Abstract art as an aberration of the mind [in German] by Hans Muench. Reviewed by A. M. Chlenov. Vop. filos. 16 no.10:162-167 '62.

ART, BASHKIR
Nechaeva, T., R. Nurmukhametov, and N. Russkikh, comps. [Artists of Bashkiria] Khudozhniki Bashkirii. [Leningrad, Khudozhnik RSFSR, 1961] 5 p. (MH)

ART, KIRGHIZ—BIBLIOGRAPHY see Bibliography—Art, Kirghiz

ART AND INDUSTRY
Artist in a design office. R. A. Shein. Mashinostroitel' no.10:40-41 O '62.

ART AND NATIONALISM see Nationalism and Art

ART GALLERIES AND MUSEUMS see subdivision under Dresden

ART OBJECTS
Monuments of unforgettable years. L. Nikiforova, M. Malchenko. Nauka i zhizn' 29 no.6:34-36 Je '62.

ART SCHOOLS see subdivision under Moscow

ARTEMOV, MITROFAN PROKHOROVICH
Kalashnikov, V. N. [Soldier of Lenin's army] Soldat armii Lenina. [Kaluga] Kaluzhskoe knizhnoe izd-vo, 1961. 61 p. (Bortsy za vlast' Sovetov) (MH)

ARTEMOVSK REGION—SALT MINES AND MINING
Loading rock salt in mines of the "Artemsol'" Mining Administration. I. T. Lysenko Gor. zhur. no.10 21-23 O '62.

ARTERIOSCLEROSIS
Use of biokhinol in atherosclerosis. N. N. Cheprakov. Voen.-med zhur. no.9:81 S '61.

ARTESIAN WELLS see subdivision under Kyzyl Kum

ARTHRITIS
Disorder of neurohumoral regulation in infectious polyarthritis and its changes under the influence of health resort treatment in Pyatigorsk. P. G. TSarfis, G. S. Glotova. Uch. zap. Pyat. gos. nauch.-issl. bal'n. inst. 3:67-78 '60.

ARTIFICIAL DIAMONDS see Diamonds, Artificial

ARTIFICIAL FEEDING see Feeding, Artificial

ARTIFICIAL FEVER see Fever therapy

ARTIFICIAL FUR—TESTING
Comparison of the physicin and mechanical characteristics of some types of artificial fur. M. I. Sukharev. Izv. vys. ucheb. zav. ;tekh. leg. prom. no.4:32-36 '62.

Resistance to abrasion of artificial fur. V. S. Ban'kovskaia. Izv. vys. ucheb. zav. ;tekh. leg. prom. no.4:25-31 '62.

ARTIFICIAL HIBERNATION
Effect of hypothermia in combination with hibernation on conditioned reflexes from the auditory analysor [with summary in English]. G. V. Khvedelidze. Biul. eksp. biol. i med. 53 no.6:32-35 Je '62.

ARTIFICIAL INSEMINATION
(see also subdivision under Leningrad Province)
Litvinova, T. N. [Artificial insemination of cows] Iskusstvennoe osemenenie korov. [Moskva] Mosk. rabochii, 1962. 63 p. (DNAL)

ARTIFICIAL LEATHER see Leather, Artificial

ARTIFICIAL SATELLITES
(see also subdivision under United States)
Polar orbits of artificial earth satellites. E. P. Aksenov, E. A. Grebenikov, V. G. Demin. Vest. Mosk. un. Ser. 3: Fiz., astr. 17 no.5:81-89 S-O '62.

ARTIFICIAL SATELLITES—TRACKING see subdivision under Finland

ARTIFICIAL SATELLITES IN METEOROLOGY
Preliminary results of measurements of the height of ionospheric nonuniformities from signals from an artificial satellite. L. M. Erukhimov. Geomag. i aer. 2 no.4:688-690 Jl-Ag '62.

Study of irregularities of electron density in the ionosphere using radio astronomical methods and artificial earth satellites, review. L. M. Erukhimov. Izv. vys. ucheb. zav., radiofiz. 5 no.5:839-865 '62.

ARTILLERY
Denisov, I. I. [Preparing artillery pieces for firing] Podgotovka artilleriiskogo orudiia k strel'be. Moskva, Voenizdat, 1962. 50 p. Za voenno-tekhnicheskie znaniia)

Powerful firepower of the Soviet Army. V. Bystrov. Voen. znan. 38 no.10 24-25 O '62.

Simplified method for the transfer of fire. N. Soroka Voen. vest. 42 no.10 105-106 O '62

ARTILLERY—PROBLEMS, EXERCISES, ETC.
Artillery firing exercises on the terrain. L. Lepekhin Voen. vest. 42 no.10 78-79 O '62

Lessons from one exercise. N. Medvedev Voen. vest 42 no.10 63-66 O '62

Training officers for artillery firing. V. Lopatkin Voen. vest. 12 no.10.68-70 O '62

ARTILLERY, FIELD AND MOUNTAIN
We are training small units for fire control. N. Rubtsov. Voen. vest. 42 no.10.70-73 O '62

ASBESTOS
(see also subdivision under Dzhetygara District)
Asbestos ballast is a good protection against heaving. G. P. Brediuk. Put' i put. khoz. 6 no.8:17-18 '62

Estimation of the work efficiency of drum screens employed in classifying asbestos concentrates. A. P. Diomidov and others. Izv. vys. ucheb. zav., gor. zhur. 5 no.8 169-175 '62.

Practice of controlling dust in the air of an asbestos mill. Sbor. rab. po stilik no.3 171-175 '61.

ASBESTOS CEMENT
Technological factors in increasing the rate of production of sheets of asbestos cement. E. N. Kitaev. Stroi. mat. 8 no.9:8-12 S '62.

ASCORBIC ACID
(see also subdivision under Archangel)
Adaptation of the animal body under conditions of different consumption of fats with saturated and unsaturated fatty acids [with summary in English]. M. F. Merezhinskii, S. M. Nikitina. Vop. pit. 21 no.3:37-40 My-Je '62.

Amount of ascorbic acid in local varieties of vegetables and some wild plants. G. I. Zvereva. Vop. pit. 21 no.3:84-86 My-Je '62.

Amount of ascorbic acid in some fish species of the Ob' Basin. N. N. Kuindzhi. Vop. pit. 21 no.3:83-84 My-Je '62.

Amount of vitamin C in some vegetables and other plant objects of Amur Province. P. F. Obukhov, O. I. Kuznetsova. Vop. pit. 21 no.3 86-87 My-Je '62.

Amount of vitamin C in the blood and urine of patients with chronic angiocholecystitis as related to dietetic therapy and the use of some antibiotics [with summary in English]. V. K. Zikeeva. Vop. pit. 21 no.3:47-52 My-Je '62.

Ascorbic acid metabolism in patients with chronic stomach diseases. IU. F. Koval'. Voen.-med zhur. no.9 82 S '61

Changes in the ascorbic acid content of various organs in cereal plants during their growth and development. T. N. Semenenko. Nauch. dokl. vys. shkoly; biol. nauki no.4:124-128 '62.

Cup test in vitamin C deficiency. V. K. Golshmid. Sov. med. 26 no.8:140-143 Ag '62.

Discoloration by bismuth oxychloride of colored plant extracts intended for ascorbic acid determination in them. D. I. Bal'tsev. Vop. pit. 21 no.3:81-83 My-Je '62.

Effect of vitamin C deficiency on creatine and creatinine excretion with urine. S. G. Greben'kov. Vop. pit. 21 no.3:80-81 My-Je '62.

Vitamin C metabolism in scarlatina. V. I. Komar. Zdrav. Bel. 8 no.5:17-18 My '62.

Vitamins P and C content in the fruits and vegetables grown in the region of Khabarovsk. A. S. Borozenets, T. S. Andrianova. Trudy Khab. med. inst. no.20:224-230 '60.

ASH (TECHNOLOGY)
Shchegolev, G. M., and A. V. IAshin. [Low temperature ashing of fuels] Nizkotemperaturnoe ozolenie topliv. Kiev, Izd-vo Akad. nauk USSR, 1962. 49 p.

ASHCHISOR DEPRESSION—GAS, NATURAL—GEOLOGY
New data on the geology of the Ashchisor Depression (Mangyshlak Peninsula) [with summary in English]. IU. M. Kleiner. Biul. MOIP. Otd. geol. 37 no.3:27-30 My-Je '62.

ASHCHISOR DEPRESSION—PETROLEUM GEOLOGY
New data on the geology of the Ashchisor Depression (Mangyshlak Peninsula) [with summary in English]. IU. M. Kleiner. Biul. MOIP. Otd. geol. 37 no.3:27-30 My-Je '62.

ASHKHABAD—DISEASES—REPORTING
Incidence among the population of Ashkhabad of diseases due principally to bodily cooling. O. M. Karryev Sov. zdrav. 21 no.10:47-52 '62.

ASHKHABAD—FOOD
Some data on natural radioactivity of food products. N. N. Grigor'iants. Vop. pit. 21 no.3:89-90 My-Je '62.

ASIA—BIBLIOGRAPHY
[New Soviet and foreign literature on the countries of the non-Soviet East] Nov. sov. i inostr. lit. po stranam zarub. Vost. nos. 6-7 '62.

ASIA—DESCRIPTION AND TRAVEL
Shinkarenko, A. I. [Around Asia; notes of a Soviet tourist] Vokrug Azii, zametki sovetskogo turista. Vladivostok, Primorskoe knizhnoe izd-vo, 1961. 45 p. illus (MH)

ASIA—LAWYERS
Important problems facing the lawyers of Asia and Africa. K. Gorshenin. Sots. zakon. 39 no.11 44-48 N '62

ASIA—POLITICS
Asian and African problems on the pages of the periodical "Aussenpolitik." S. E. Fil'shtinskii. Nar. Az i Afr. no.5 159-164 '62.

Centers of colonialism in Asia. Govinda Pillai. Mol. mira no.4 19-20 '62.

ASIA—PUBLIC HEALTH
Brief news. Az. i Afr. seg. no.10.56 O '62.

ASIA—WATER, UNDERGROUND
Investigation of underground waters in the countries of Asia and the Far East. I. V. Garmonov, A. A. Konophantsev. Vest. AN SSSR 32 no.10.75-77 O '62

ASIA, CENTRAL—GLACIERS
Artificial intensification of the melting of mountain glaciers to increase the discharge of Central Asian rivers. G. A. Avsiuk. Izv. AN SSSR. Ser. geog. no.5:83-89 S-O '62.

ASIA, CENTRAL—HUNS
In the Hermitage and the Leningrad Branch of the Institute of Asiatic Peoples of the Academy of Sciences of the U.S.S.R. Vest. drev. ist. no.3.202-210 '62.

ASIA, CENTRAL—SEISMOLOGY
Some problems of modern seismic microregionalization [with summary in English]. V. P. Solonenko. Geol. i geofiz. no.9:80-82 '62.

ASIA, SOUTHEASTERN—COMMERCE
Intraregional commercial contacts among the countries of Southeastern Asia. I. Vasil'ev. Vnesh. torg. 42 no.10:22-27 '62.

ASIA, SOUTHEASTERN—GAS, NATURAL—GEOLOGY
Baktrov, A. A., and A. M. Pronina. [Oil- and gas-bearing provinces in southeastern Asia and the Near East; geological conditions governing regional oil and gas accumulation] Neftegazonosnye oblasti Blizhnego Vostoka i IUgo-Vostochnoi Azii, geologicheskie uslovila regional'nogo neftegazonakopleniia. Moskva, Gosgeoltekhizdat, 1962. 207 p.

ASIA, SOUTHEASTERN—PETROLEUM GEOLOGY
Baktrov, A. A., and A. M. Pronina. [Oil- and gas-bearing provinces in southeastern Asia and the Near East, geological conditions governing regional oil and gas accumulation] Neftegazonosnye oblasti Blizhnego Vostoka i IUgo-Vostochnoi Azii; geologicheskie uslovila regional'nogo neftegazonakopleniia. Moskva, Gosgeoltekhizdat, 1962. 207 p.

ASIA, SOVIET CENTRAL see Soviet Central Asia

ASPARAGINASE
Effect of cycloserine on the activity of L-alanine dehydrogenase and asparaginase. R. M. Azarkh, T. S. Paskhina. Dokl. AN SSSR 146 no.3:704-706 S '62.

ASPHALT CONCRETE
Gordeev, S. O. [Asphalt-concrete work] Asfal'tobetonnye raboty. Moskva, Izd-vo M-va kommun. khoz. RSFSR, 1962. 226 p.

Laying rough-surfaced asphalt-concrete pavements. N. V. Gorelyshev and others. Avt. dor. 25 no.10 4-6 O '62.

ASPHYXIA
Mechanism of the action of intra-arterial infusions of blood and medicinal substances in asphyxia; experimental study. E. P. Bich. Zdrav. Bel. 8 no.5:26-29 My '62.

ASSEMBLY-LINE METHODS
The assembly-line method for the post harvest treatment of grain. Z. Chukhar'ko. Ekon. sel'khoz. 33 no.3,85-88 Ag '62.

Changes in the character and content of the labor of assembly-line machine-tool operators and demands for their training. Kh. Rodriges. Sots. trud 7 no.10: 63-67 O '62.

Grouped-unit production lines for the manufacture of men's shirts. S. K. Starshinova, P. U. Kozlovskii, M. M. Belen'kaia. Shvein. prom. no.5 10-15 S-O '62.

Mechanized production line for making tin bread. A. I. Syrov. Khleb. i kond. prom. 6 no.10:36-38 O '62.

Multiple-style section assembly line for the manufacture of men and children's woolen trousers. A. P. Demina, N. V. Praded, S. P. Lebedev. Shvein. prom. no.5:15-20 S-O '62.

ASSEMBLY-LINE METHODS (Continued)

Over-all mechanization of the manufacture of waffles. V. V. Vinogradov. Khleb. i kond. prom. 6 no.10 13-17 O '62.

Shapchenko, A.A [Operational planning in assembly shops] Operativnoe planirovanie v sborochnykh tsekhakh Izd 2., ispr. i dop Moskva, Mashgiz, 1962 114 p

ASTRAKHAN—HISTORY

Mushkaterov, N.V. [Antifeudal revolt in Astrakhan in the 17th and 18th centuries] Antifeodal'nye vosstaniia v Astrakhani v XVII - XVIII vekakh Astrakhan', Izd-vo gazety "Volga," 1958. 23 p (NNC)

ASTRAKHAN PROVINCE—COMMUNIST YOUTH LEAGUE

Astrakhan (Province) Upravlenie vnutrennikh del. Arkhivnyi otdel. [Initial years of the activities of the Astrakhan Communist Youth League; collected documents] Pervye gody deiatel'nosti astrakhanskoi komsomol'skoi organizatsii, sbornik dokumentov. Astrakhan', Izd-vo gazety "Volga," 1953. 304 p. (NNC)

ASTRAKHAN PROVINCE—FORESTS AND FORESTRY

Simple method for irrigating forest plantations S A Vlasov. Les. khoz. 15 no 6:86 Je '62.

ASTRAKHAN PROVINCE—FRUIT CULTURE

Age-induced changes in the salt resistance of fruit crops. A S Deviatov. Agrobiologiia no 3 383-386 My-Je '62

ASTRAKHAN PROVINCE—IRRIGATION

Simple method for irrigating forest plantations S. A Vlasov. Les khoz 15 no.6:86 Je '62

ASTRONAUTICS

Along the star highway. Oleksandr Osypov. Ukraina no. 18:5 S '62.

As told by the astronauts. A. Matiiashevskii. Radio no. 10:3-5 O '62.

Astronauts! We were listening! IU. Prozorovskii. Radio no. 10 6-9 O '62.

Before the "Ascent!" signal sounds Daniil Pipko. Ogonek 40 no. 42:30-31 O '62.

The first quinquennium of the cosmic era. Vest. AN SSSR 32 no. 10:3-6 O '62.

A glorious victory. B Gaukhman. Radio no. 10,9 O '62.

Greetings. Geod. i kart. no. 9 7-8 S '62.

Heroes of space and heroes of the people. Vokrug sveta no. 9:1-3 S '62.

In the name of peace, happiness and progress. Fiz. v shkole 22 no. 4:1-5 Jl-Ag '62.

Outstanding achievement of Soviet astronautics V. Demin. Voen vest 42 no. 10 13-15 O '62.

Proclamation of the Central Committee of the CPSU, the Presidium of the Supreme Soviet, and the Government of the Soviet Union. Geod. i kart. no. 9 3-6 S '62.

Radio communications in outer space. A Semenov Radio no. 10. 6-7 O '62.

Secrets of outer space. O D. Dakuchaeva Reb. i sial *38 no. 10 18-19 O '62.*

Seven days with the astronauts (conclusion). A. Romanov. Smena 39 no. 21:3-4 N '62.

Seven days with the astronauts (to be concluded). A. Romanov. Smena 39 no. 20 11-13 O '62.

Space era, the fifth year. Semia i shkola 17 no. 10 5 O '62.

Take-off area for great victories. A. Nikolaev, P. Popovich Sov. voin 44 no. 20:3 O '62.

Through the eyes of a witness. Georgii Ostroumov Nauka i zhizn' 28 no. 9:11-14 S '62

Work paves the road to the stars. M. Vasil'ev. Sov. profsoiuzy 18 no. 20:18-19 O '62.

ASTRONAUTICS—PROBLEMS, EXERCISES, ETC.

Questions and problems in physics with the elements of astronautics. I. V. Kozheurov. Fiz. v shkole 22 no. 4: *82-83* Jl-Ag '62.

ASTRONAUTICS IN METEOROLOGY

Weather and space. R. Usmanov Av i kosm 45 no 9.89-90 '62

ASTRONAUTS

Heroism of astronauts is an example for all Soviet youth. A. Vorob'ev, V. Gan. Prof.-tekh. obr. 19 no. 9, 1-3 S '62.

Meeting across the ocean. G. S. Titov. Ogonek 40 no. 23:2-3 Je '62.

ASTRONOMICAL CLOCKS

Star clock. A. B. Palei. Fiz. v shkole 22 no. 4:77-80 Jl-Ag '62.

ASTRONOMICAL MODELS

Modeling large-scale motions on the sun. Part 1. The Belopol'skii hydrodynamic model [with summary in English]. G. P. Svechnikova. Izv. GAO 22 no. 2:108-120 '61.

ASTRONOMICAL PHOTOGRAPHY see subdivision under Kiev; Tikst

ASTRONOMY—ABSTRACTS

[Astronomy and geodesy] Ref. zhur. i Astron. i geod. no. 11 '62. Avtorskii ukazatel' za 1961g.

ASTRONOMY—CURIOSA AND MISCELLANY

Facts for thinking. Nauka i zhizn' 29 no. 9:85 S '62.

ASTRONOMY—PROBLEMS, EXERCISES, ETC.

Problem questions on astronomy. V. P. Orlov. Fiz. v shkole 22 no. 4:94 Jl-Ag '62.

ASTRONOMY—STUDY AND TEACHING

Elements of astronomy in the study of geography, mathematics and physics in grades 5-9. I. K. Petrajtite. Dokl. APN no. 1 45-48 '62

Russia (1917- R. S. F. S. R.) Ministerstvo prosveshcheniia. [Secondary school programs for the 1962-1963 school year, physics and astronomy] Programmy srednei shkoly na 1962/63 uchebnyi god; fizika, astronomiia. Moskva, Uchpedgiz, 1962. 38 p.

ASTRONOMY—YEARBOOKS

[Astronomical yearbook of the U. S. S. R. for 1949] Astronomicheskii ezhegodnik SSSR na 1949 g. Moskva, Izd-vo Akad. nauk SSSR.
Vol. 28. 1947. 492 p.

[School astronomical calendar for 1962] Shkol'nyi astronomicheskii kalendar na 1962. god Moskva, Uchpedgiz.
No. 13. 1962. 74 p.

ASYNCHRONOUS ELECTRIC MOTORS see Electric motors, Induction

AT-BASHI DISTRICT—MARMOTS

Structure of winter burrows of bobacs. B. M. Aizin, A. I. Ibraimov. Izv. AN Kir. SSR Ser. biol. nauk 4 no. 1: 55-58 '62.

ATHEISM

(see also subdivision under Gorlovka; Ukraine, *Vitebsk District*)

Against religious superstitions. Blok. agit. [Bel.] no. 26: 1-7 S '59.

The all-conquering arma of atheism. Voiov. Ateist no 10:2-3 O '62

[Atheism of the Ukrainian revolutionary democrats] Ateizm ukrains'kykh revolutsiinykh demokrativ. Kyiv, Derzh. vyd-vo polit lit-ry URSR, 1961. 238 p. (NNC)

"Fundamentals of atheism" by V. K Tancher. Reviewed by L. Vasil'iuk. Nauka i rel. no 5:94 My '62

A good idea Voiov ateist no 10:40-41 O '62

Help to readers. A. Rabin. Nauka i rel. 4 no. 11:80 N '62.

Karliuk, A. S. [Essays on scientific atheism] Ocherki po nauchnomu ateizmu. Minsk, Izd-vo Akad. nauk Belorusskoi SSR, 1961. 584 p. (CSt-H) (MH)

Kogan, IU. IA. [Studies on the history of Russian atheistic ideas in the 18th century] Ocherki po istorii russkoi ateisticheskoi mysli XVIII v. Moskva, Izd-vo Akad. nauk SSSR, 1962. 343 p.

Let us put the struggle of ideas on the screen. I. Gromov, IU. Martinenko. Nauka i rel. no. 5:89-90 My '62.

Lohovyk, B., and R. Prykhod'ko, comps. [CPSU and the Soviet state on religion *and atheistic propaganda*] *KPRS* i Radians'ka derzhava pro religiiu ta ateistychnu propagandu, zbirnyk dokumentiv i materialiv. Kyiv, Derzh. *vyd-vo polit. lit-ry URSR, 1962.* 183 p.

The most important events in the life of churches and religious groups in the U. S. S. R N T. Mat. i osob. Iasl otd. inst. po izuch. SSSR no. 35/36 82-86 My-Je '62

Voitko, V. I. [Scientific and religious philosophy, lecture on the course "Fundamentals of scientific atheism."] Nauchnoe i religioznoe mirovozzrenie; *lektsiia* po kursu "Osnovy nauchnogo ateizma." Kiev [Izd-vo Kievskogo polit. univ.] 1960. 51 p. (RPB)

ATHEISM—BIBLIOGRAPHY see Bibliography—Atheism

ATHEISM—CONGRESSES

A national congress of atheists. P. N. Fedoseev and *others.* Nauka i rel. no. 5:7-14 My '62.

ATHEISM—STUDY AND TEACHING

(see also subdivision under Kuybyshev; Poltava Province)

Akademiia nauk SSSR. Institut filosofii. [Fundamentals of scientific atheism; manual] Osnovy nauchnogo ateizma; uchebnoe posobie. 2., perer. izd. Redkollegiia: I. P. TSamerian i dr. Moskva, Gospolitizdat, 1962. 398 p.

Atheistic work among students. L. Maslennikova. Shkola-int. no. 5:16-18 S-O '62.

Generous people. E. Medvedevskaia. Nauka i rel. 4 no. 11 78-79 N '62.

Lectures at home. A. Zhelto v. Nauka i rel. 4 no. 11: 76-77 N '62.

Moscow. Akademiia obshchestvennykh nauk. [Popular course outline on scientific atheism for groups and seminars within the network of party education; *40 hours*] Programma populiarnogo kursu z pytan' naukovoho ateizmu dlia hurtkiv i seminariv sitky partinoi osvity, 40 hodyn. Kyiv, Derzhpolitvydav URSR, 1962. 7 p.

Russia (1923- U. S. S. R.) Upravlenie propagandy i obshchestvennykh nauk. [Outline for the course "Fundamentals of scientific atheism" for institutions of higher learning] Programma kursa "Osnovy nauchnogo ateizma" dlia vysshikh uchebnykh zavedenii. Moskva, Gospolitizdat, 1962. 23 p.

ATHERINIDAE see subdivision under Aral Sea

ATLANTIC OCEAN—CLAY

Distribution zoning of Argillaceous minerals in Atlantic Ocean sediments [with summary in English]. V. A Droshchev-Shak Trudy Inst okeanol 56 59-69 '62.

ATLANTIC OCEAN—CONTINENTAL SHELF

Geomorphology of the continental shelf of the northern part of the Atlantic Ocean [with summary in English]. A. V. Il'in Trudy Inst okean 56 3-11 '62

ATLANTIC OCEAN—COPEPODA

Average weight of copepods in the central and North Atlantic, Norwegian and Greenland seas. L. P. Kamenova. Trudy VNIRO 46 253-266 '62.

ATLANTIC OCEAN—OCEAN TEMPERATURE

Methods of calculating the heat and salt fluxes in the ocean as exemplified by selected areas of the Atlantic Ocean [with summary in English] R. S Borisovskii Trudy Inst okean 56 130-226 '62.

ATLANTIC OCEAN—OCEANOGRAPHIC RESEARCH

"Expedition on the "Sedov" to the Atlantic Ocean" by V. A. Nikiforovskii. A book review. Priroda 51 no. 10:126 O '62.

ATLANTIC OCEAN—ORGANIC MATTER—ANALYSIS

Bitumen feature of organic matter in cores from the northern part of the Atlantic Ocean as revealed by luminescence studies [with summary in English] N M Vikhrenko Trudy Inst okean 56 32-58 '62

ATLANTIC OCEAN—PHYTOPLANKTON

Spring phytoplankton in the western part of the Northern Atlantic. O. A Movchan. Trudy VNIRO 46:115-121 '62.

ATLANTIC OCEAN—PLANKTON

First results of the Soviet planktological research in the Atlantic Ocean carried out in accordance with the IGY-IGC program. L. P. Kamaeva. Trudy VNIRO 46:201-214 '62

ATLANTIC OCEAN—SALINITY

Methods of calculating the heat and salt fluxes in the ocean as exemplified by selected areas of the Atlantic Ocean [with summary in English] R. S Borisovskii Trudy Inst. okean. 56 130-226 '62

ATLANTIC OCEAN—SARDINES

Determining the age of the West African sardine sardinella aurita Valenciennes. V. L. Iliaroshkin. Vop. ikht. 2 no. 3:487-491 '62.

ATLANTIC OCEAN—SUBMARINE GEOLOGY

Characteristic features of the stratigraphy of sediments of the northeastern Atlantic [with summary in English] V. M Lavrov. Trudy Inst okean 56 15-22 '62

ATLANTIC OCEAN—TUNA FISH

Tuna larvae from the tropical zone of the Atlantic Ocean. L. I. Kayanova. Vop. ikht. 2 no. 3:452-461 '62.

ATLANTIC OCEAN—WATER—ANALYSIS

Study of suspended matter in the surface layer of water of the North Atlantic on cruises of the research ship "Mikhail Lomonosov" [with summary in English] M S Baranh. Trudy Inst. okean 56 70-86 '62.

Suspended matter in the Atlantic Ocean as an indicator of the structure of the water layer [with summary in English]. M. V. Klenova. Trudy Inst. okean. 56:123-129 '62.

Suspended matter of the northern part of the Atlantic Ocean from data from the second and fourth cruises of the research ship "Mikhail Lomonosov" [with summary in English] N. M Vikhrenko, V. K Nikolaeva. Trudy Inst. okean 56:87-122 '62.

ATLANTIC OCEAN—WAVES

Internal waves in the northeastern Atlantic Ocean [with summary in English]. A D. IAmpol'skii Trudy Inst okean 56 229-240 '62.

ATMOSPHERE

(see also subdivision under Northern Hemisphere)

Albego of slow neutrons in the atmosphere at a depth of 30 g/cm^{-2}. V D. Sokolov, IU. G. Shafer. *Geomag. i aer.* 2 no. 5:836-838 S-O '62.

Calculating the height of the homogeneous atmosphere *of the earth* from photographs of meteors. I. N Koveshun. Geomag. i aer. 2 no. 5:925-927 S-O '62.

Determination of ε parameter and the L, R (ξ), and ε (ξ) coefficients in the formula for calculating the height of the homogeneous atmosphere from photographs of meteors I. N. Koveshun. Geomag. i aer. 2 no 5:928-932 S-O '62.

ATMOSPHERE, UPPER

Density of the earth's atmosphere from photographic observations of meteors in 1957. *V. P. Konoplava.* Sbor. rab. po mezhdunar. geofiz. godu no. 1:16-25 '61.

ATMOSPHERE, UPPER—ROCKET OBSERVATIONS

Exploration of the lower ionosphere by means of long radiowaves using low-frequency radiosondes set up on rockets. Discovery of a new ionospheric layer. P. E. Krasnushkin, N. L. Kolesnikov. Dokl. AN SSSR 146 no. 3 598-599 S '62

Measurements of the electrostatic field intensity at the surface of a rocket flying in the ionosphere. G. L. Gdalevich. Dokl. AN SSSR 146 no. 5 1061-1067 O '62.

ATMOSPHERIC ELECTRICITY

Spatial connection of auroras with electric currents in the ionosphere. M. I. Pudovkin, L. S. Evlashin. Geomag. i aer. 2 no. 4 669-673 Jl-Ag '62

ATMOSPHERIC PRESSURE

Editor's mail. Fiz. v shkole 22 no. 4 95-96 Jl-Ag '62.

Influence of a large drop in atmospheric pressure on the human body at high altitudes. S. G. Zharov, A. E. Ivanov. Voen.-med. zhur. no. 9 61-65 S '61.

Pneumatic apparatus for automatically maintaining constant pressure in underground mines. F. A. Abramov. Izv. vys. ucheb. zav., gor. zhur. no. 10 149-153 '61.

ATMOSPHERIC TEMPERATURE

Significance of heat and cold advection in the formation of natural zones. S. I. Zharkov. Vest. Mosk. un. Ser. 5 Geog. 17 no. 5 29-31 S-O '62.

ATMOSPHERIC TRANSPARENCY

Possibility for using the method of difference in calculating the coefficient of light attenuation for the aerosol component of the atmosphere. S. D. Tvorogov. Izv. vys. uch. zav.; fiz. 3 171-175 '62.

ATOMIC BOMB SHELTERS see subdivision under United States

ATOMIC ENERGY

"Giant atom" by Vladimir Orlov. Reviewed by Alekseĭ Rusetskiĭ. Nauka i zhizn' 29 no. 9, 20 S '62.

[A man-made "sun"] Zemnoe solnise. Moskva, Izd-vo "Pravda," 1962. 62 p. (Biblioteka "Komsomol'skoĭ pravdy," no. 9)

ATOMIC FUEL see Nuclear fuels

ATOMIC MEDICINE

Gol'dman, L. L. [The atom is a doctor] Atom - vrach. Moskva, Izd-vo "Znanie," 1961. 57 p. (Prochti tovarishchi!) (DNLM)

ATOMIC NUCLEI see Nuclei, Atomic

ATOMIC POWER INDUSTRY see subdivision under Great Britain

ATOMIC POWER PLANTS see subdivision under Don Valley

ATOMIC SHIPS

Brief news. Inform. sbor. TSNIIMF no. 16 Mor. pravo i prak. no. 8 83-85 '60.

ATOMIC SPECTRUM see Spectrum, Atomic

ATOMIC SUBMARINES

Communists of an atomic ship. L. Zhil'tsov. Komm. Vooruzh. Sil 3 no. 20 38-42 O '62.

ATOMIC WEAPONS

We are studying atomic weapons. V. Vinnikov. Voen. vest. 42 no. 10, 15-49 O '62.

ATOMIC WEAPONS—INTERNATIONAL CONTROL

The "Aldermaston March," 1961 in the Netherlands. Mol mira no. 6, 2-3 '61

Earth reports an explosion. A. Golikov, G. Koposov. Ogonek 40 no. 22 30-32 My '62.

Washington's obsession. V. Matveev. Mezhdunar. zhizn' 9 no. 11 104-110 N '62.

With our colleagues. Nauka i zhizn' 29 no. 9 61-63 S '62.

ATOMIC WEAPONS AND DISARMAMENT

Prospects of disarmament. V. Khvostov. Mezhdunar. zhizn' 9 no. 11 62-68 N '62.

ATOMIZATION

Atomization of the liquid cylindrical jet in a space limited by a stationary wall. V. I. Smirnov. Izv. vys. ucheb. zav. tekh. tekst. prom. no. 4 105-110 '62

ATOMIZATION—EQUIPMENT AND SUPPLIES

Atomizer. V. I. Salmanov. Mashinostroitel' no. 10 23 O '62.

ATTACK AND DEFENSE (MILITARY SCIENCE)

Battalion forces a water barrier. Voen. vest. 42 no. 10 35 O '62.

Company command during a night attack. V. Gamov, N. Lepin. Voen. vest. 42 no. 10, 24-28 O '62.

On the march and in a battle engagement. S. Taran. Voen. vest. 42 no. 10 29-32 O '62

Solution of a problem. V. Shamshurov. Voen. vest. 42 no. 10 91 O '62.

ATTAR OF ROSES—STANDARDS

Rose oil. V. S. Kabanova. Standartizatsiia 26 no. 10 53 O '62.

AUDITING AND INSPECTION
(see also subdivision under Donetsk Province, Kazakhstan, Leningrad, White Russia)

"Auditing of the managerial operations of an enterprise" by S. F. Litovko, G. D. Maksimenko, M. V. Trunina. Book review. Bukhg. uchet 19 no. 6 72 Je '62

Improve accounting and control. Bukhg. uchet 19 no. 6 62-64 Je '62

Improve the standards of control and auditing work. T. Rogov. Bukhg. uchet 19 no. 9 1-6 S '62.

Shortcomings of departmental document audits. IA. Gol'dshtein. Bukhg. uchet 19 no. 9 15-16 S '62.

AUDITORIUMS see subdivision under Moscow

AUREOMYCIN

Biochemical and hematological indices of the blood in young pigs fed vitamin-enriched forage biomycin. L. I. Lysenkova. Visnyk sil'hosp. nauky 5 no. 9 116-118 S '62.

Influence of chlortetracycline on the morphological composition of the blood. N. A. Tikhonova. Voen.-med. zhur. no. 9 82-83 S '61

Role of biomycin in mixed feeds for laying hens. I. P. Bezuhlyi. Visnyk sil'hosp. nauky 5 no. 9 113-116 S '62.

AURORAS

Akademiia skil'ko slianiil. statei. Issledovanii po programme Mezhdunarodnogo geofizicheskogo goda)

No. 9. [Auroras and night-sky light] Polliarnye siianiia i svechenie nochnogo neba. 1962. 81 p.

Auroras and magnetic activity in the polar region. IA. I. Fel'dshtein. Geomag. i aer. 2 no. 5 851-851 S-O '62

Classification of the spectra of auroras. V. I. Ivanchuk. Sbor. rab. po mezhdunar. geofiz. godu no. 1 58-66 '61.

Collection no. 8 of articles entitled "Auroras and night-sky light." A. I. OF. Geomag. i aer. 2 no. 5 1020-1021 S-O '62

Daily drift of the closed ring of auroras. O. V. Khoroshova. Geomag. i aer. 2 no. 5 839-850 S-O '62.

Diurnal variation in the intensity of auroras and the Sp variation. G. A. Loginov, M. I. Pudovkin, R. G. Skrynnikov. Geomag. i aer. 2 no. 5 855-860 S-O '62.

Existence of an area of increased aurora activity in the middle latitudes. S. I. Isaev. Geomag. i aer. 2 no. 5 861-864 S-O '62

Geographical distribution of auroras and earth radiation belts. S. I. Isaev. Geomag. i aer. 2 no. 4 661-665 Jl-Ag '62

Geometric characteristics of reflections from auroras and their connection with the state of the magnetic pole from observations in Tiksi Bay made from October to December 1956. E. A. Ponomarev. Sbor. rab. po mezhdunar. geofiz. godu no. 1 67-75 '61.

Joint Franco-Soviet expedition to study auroras. S. I. Isaev, A. B. Korotin, IA. I. Fel'dshtein. Geomag. i aer. 2 no. 5 1014-1015 S-O '62

Radar observations of auroras in Tiksi Bay in 1959. N. N. Bliznuk. Sbor. rab. po mezhdunar. geofiz. godu no. 1 76-81 '61.

Ring current, geomagnetic disturbances, and radiation belts. I. A. Zhulin, I. V. Kovalevskiĭ. Geomag. i aer. 2 no. 5 1018-1020 S-O '62

Some features of the structural forms of auroras from observations in Tiksi Bay. S. K. Vsekhsviatskiĭ. Sbor. rab. po mezhdunar. geofiz. godu no. 1 52-57 '61.

Spatial connection of auroras with electric currents in the ionosphere. M. I. Pudovkin, L. S. Evlashin. Geomag. i aer. 2 no. 4 669-673 Jl-Ag '62

Various indices of auroral activity. IU. A. Nadubovich. Geomag. i aer. 2 no. 5 1008-1019 S-O '62.

AUSCULTATION

Clinical value of an acoustic method in the diagnosis of interposition of the soft tissues in fractures. G. V. Golovin. Vest. khir. 89 no. 8, 77-79 Ag '62.

AUSTRALIA—FOREIGN RELATIONS

"The Australasian Monroe Doctrine" [in English] by Merze Tate. Reviewed by P. E. Osipova. Vop. ist. no. 10 194-196 O '62.

AUSTRALIA—INVESTMENTS, AMERICAN

British and American investments in Australia. I. Pakhomov. Mir. ekon. i mezhdunar. otn. no. 11 129-134 N '62.

AUSTRALIA—INVESTMENTS, BRITISH

British and American investments in Australia. I. Pakhomov. Mir. ekon. i mezhdunar. otn. no. 11, 129-134 N '62

AUSTRIA—COMMERCE

Businessmen are for large-scale commerce between West and East. S. Leonidov. Vnesh. torg. 42 no. 10 34-37 '62.

AUSTRIA—FOREIGN RELATIONS—RUSSIA

Austro-Russian relations on the eve of the Patriotic War of 1812 and during this war. Submitted by F. A. Fedorova, T. I. Mikhailova. Ist. arkh. 8 no. 1 95-120 Jl-Ag '62.

AUSTRIA—HISTORY

"Jacobinic conspiracy in Austria in 1794" [in German] by Leo Stern. Reviewed by IU. M. Grigorian. Nov. i noveish. ist. no. 5, 167 '62.

Turek, V. M. [Studies on the history of Austria, 1929-1938] Ocherki istorii Avstrii, 1929-1938. Moskva, Izd-vo Akad. nauk SSSR, 1962. 551 p.

AUSTRIA—MAPS

"Atlas of the Republic of Austria," No. 1. Reviewed by A. V. Il'ina. Vest. Mosk. un. Ser. 5 Geog. 17 no. 5 75-76 S-O '62

AUSTRIA—SLAVS

"The liberation movement of southern Slavs in Austria-Hungary, 1905-1914" by IU. A. Pisarev. Reviewed by K. B. Vinogradov, S. M. Stetskevich. Nov. i noveish. ist. no. 4 152-155 '62.

AUTHORS—CORRESPONDENCE, REMINISCENCES, ETC.

Mumbit, G. N. [Stories about writers; Dagrifskii, Il'f, Petrov, Makarenko] Rasskazy o pisateliakh; Dagrifskii, Il'f, Petrov, Makarenko. Moskva, Izd-vo "Znanie," 1962. 45 p. (Novoe v zhizni, nauke, tekhnike. X Seriia Molodezhnaia, no. 20)

AUTHORS, DAGHESTAN

Amaev, M. A. [Writers of Soviet Daghestan; a directory] Pisateli Sovetskogo Dagestana; spravochnik. Makhachkala, Dagestanskoe knizhnoe izd-vo, 1960. 148 p. (NNC)

AUTHORS, TAJIK

Soiuz pisatelei Tadzhikistana. [Writers of Tajikistan] Pisateli Tadzhikistana. Stalinabad, Tadzhikgosizdat, 1957. 84 p.

AUTHORS, UKRAINIAN

"A biobibliographical dictionary of Ukrainian writers," Vol. 1. Reviewed by I. H. Budovnits. Ist. SSSR 6 no. 4, 178-181 Jl-Ag '62.

AUTOMATIC CONTROL

Adjustment of automatic regulators of engine and boiler plants. B. G. Shul'mann. Sudostroenie 28 no. 9 60-61 S '62.

Algebraic method for determining an optimum transfer function [with summary in English]. A. N. Skliarevich. Avtom. i telem. 23 no. 8 1154-1164 S '62.

AMK-T apparatus for logging magnetic susceptibility on transistors. V. A. Meier, V. A. Kuvaldin, B. N. Degtiarev. Nch. zap. IAGU 30 267-271 '62.

Analytical design of controllers. Part V [with summary in English]. Avtom. i telem. 23 no. 11 1405-1413 N '62

Application of the theory of games to some automatic control problems. Part 2 [with summary in English]. M. IU. Gadzhiev. Avtom. i telem. 23 no. 8 1144-1153 S '62.

Approximate analysis of a certain class of linear objects of automatic control [with summary in English]. I. V. Gel'man, I. A. Dobrin. Avtom. i telem. 23 no. 11, 1542-1546 N '62.

Automatic and remote control in mines of the Tekeli Combine. E. F. Mitrokhin. Gor. zhur. no. 11 58-61 N '62.

Automatic calculation of the new working line of single-bucket excavators. P. S. Trebunskikh. Vop. gidr. no. 5 110-121 '62.

"Automatic control in ore dressing plants" by V. A. Bunko, S. A. Volotkovskii, and N. G. Ankilevich. Reviewed by B. P. Belykh, A. P. Diomidov, and A. E. Trop. Gor. zhur. no. 11 77-78 N '62.

Automatic control of production processes in the Karaganda Basin coal mines. V. F. Byrka, A. G. Vigandt, V. IA. Tikhonov. Izv. vys. uchob. zav.; gor. zhur. no. 10 121-124 '61.

Automatic control of sintering charge moisture. V. A. Buzygin and others. Stal' 22 no. 10 880-882 O '62.

Automatic control of the operation of ball mills in a closed cycle. IU. S. Sosnovskii. Izv. vys. ucheb. zav.; gor. zhur. no. 9 148-151 '61.

Automatic control of the technologically optimum degree of carbonization of bicarbonate suspensions. A. B. Tiutiunnikov and others. Khim. prom. [Ukr.] no. 1 56-60 Ja-Mr '62.

Automatic control of the type UKR cutter-loader. K. G. Popovich. Ugol' Ukr. 6 no. 10, 16-18 O '62.

Automatic control system of a six-axle d.c. locomotive. I. I. Nikolaev. Trudy MIIT no. 144 187-196 '62.

Automatic cutoff switch for motors. L. Setrukov. Voen. znan. 38 no. 10 31 O '62.

Automatic device for the regulation of lighting. V. Panin. Zhil.-kom. khoz. 12 no. 3 34 Mr '62.

Automatic device for the skipping of fabric seams on machines for finishing operations. A. K. Rastorguev. Izv. vys. uchob. zav. tekh. tekst. prom. no. 4 122-126 '62.

Automatic measurement of the moisture in products of dressing and agglomerate mixtures. G. S. Nestorov. Izv. vys. ucheb. zav., gor. zhur. 5 no. 8 155-160 '62

Automatic orientation of parts. A. N. Rabinovich. Vest. mashinostr., 42 no. 10, 57-64 O '62.

Automatic regulation of the firing of small capacity boilers. IU. G. Beus. Trudy KIIIT no. 52 56-60 '61.

An automatic system for the distribution of free-flowing materials in bunkers [with summary in English] I. S. Eremeev. Avtom. i telem. 23 no. 11:1507-1512 N '62

Automatically controlled greenhouse. IUn. tekh. 7 no. 10:48 O '62.

Automation of a two-stage spray evaporating-drying unit. S. V. Trachuk and others. Khim. prom. [Ukr.] no. 1:74-75 Ja-Mr '62.

Automation of rural electric power distribution networks N. M. Zul'. Vest. elektroprom. 33 no. 6:3-7 S '62.

Balasanov, D. B. [Automatic and remote control devices in municipal gas supply systems] Avtomaticheskie i telemekhanicheskie ustroistva v gorodskikh sistemakh gazosnabzhenila; uchebnoe posobie dlia tekhnicheskikh vuzov. Baku, Azerbaidzhanskoe gos. izd-vo uchebno-pedagog. lit-ry, 1961. 300 p.

Basic trends in the development of general automatic control in the mining industry of the Krivoy Rog Basin. S. A. Volotkovskii. Izv. vys. ucheb. zav.; gor. zhur. no. 10:154-156 '61.

Berezin, S. IA. [Design of automatic control syste using inverse amplitude-phase characteristics] Raschet sistem avtomaticheskogo regulirovanila s pomoshch'iu obratnykh amplitudno-fazovykh kharakteristik. Leningrad, Sudpromgiz, 1962, 336 p.

Calculation of mean-square error [with summary in English]. V. S. Bulygin Avtom. i telem. 23 no 11: 1553-1559 N '62.

Calculation of the compensating feedback of tracking systems using a frequency characteristics interval method. A. S. Pogodin. Izv. LETI 59 no 46.346-347 '62

Choice of initial delay in an optimization system described in [1] [with summary in English]. R. I. Stakhovskii. Avtom. i telem 23 no. 9:1243-1246 S '62

Complete and partial autonomy of multidimensional linear automatic control systems [with summary in English]. V. T. Morozovskii. Avtom. i telem. 23 no. 9:1186-1201 S '62.

Concerning a certain nonlinear problem on optimum control [with summary in English]. V. K. Isaev, V. V. Sonin. Avtom. i telem. 23 no 9:1117-1120 S '62

Concerning special control in optimum processes linear in respect to the control actions [with summary in English]. IU. I. Paraev. Avtom. i telem 23 no. 9:1202-1209 S '62.

Concerning the theory of composite control systems of interrelated quantities. B. V. Il'in. Izv. vys ucheb. zav.; elektromekh. 5 no. 6:632-645 '62.

Concerning the theory of composite control systems of interrelated quantities. B. V. Il'in. Izv. vys. ucheb. zav.; elektromekh. 5 no. 7:759-767 '62.

Construction of extrapolators [with summary in English]. E. G. Zel'kin. Avtom. i telem. 23 no. 9:1260-1267 S '62.

Contribution to the theory of linear converters of binary sequences [with summary in English]. A. D. Zakrevskii. Avtom. i telem. 23 no. 11:1492-1496 N '62.

Contribution to the theory on optimum control. Asymptotic method for solving a diffusive alternative equation [with summary in English]. R. L. Stratonovich Avtom. i telem. 23 no. 11:1439-1447 N '62.

Conversion of the time pace of sequential machines and synthesis of switching circuits [with summary in English]. M. A. Aizerman and others. Avtom. i telem. 23 no. 11:1465-1491 N '62.

Design and experimental studies of a floating automatic device. I B Chizh. Vop. gidr. no. 4:76-91 '62.

Determination of arbitrary constants in the solution of a differential equation of a linear automatic control system by means of a gaussian circuit [with summary in English]. A. A. Tatarnikov, A. F. Fedorov. Avtom. i telem. 23 no 11:1560-1562 N '62.

Determination of optimum system reserve with consideration of the damage of blocks in reserve operation [with summary in English]. A. L. Raikin. Avtom. i telem. 23 no. 11:1536-1541 N '62.

Determination of the optimum tuning of automatic control systems for tubular atmospheric furnaces with allowance for internal cross-links. A. G. Abilov. Izv. AN Azerb. SSR. Ser. fiz.-mat. i tekh. nauk no. 2: 75-88 '62.

Determining the transmission functions of a drafter with a comb field. L. A. Vaitis. Izv. vys. ucheb. zav. tekh. tekst. prom. no. 4:95-98 '62.

Discrete automatic optimizer. Part II [with summary in English]. TS. TS. Paulauskas. Avtom. i telem. 23 no. 11:1497-1506 N '62.

Effect of stancard control laws on the magnitude of the dispersion of the controlled parameter [with summary in English]. V. Sh. Bereza, M. R. Berlin. Avtom. i telem. 23 no. 11:1448-1450 N '62.

Eller, A. A. [Control computers] Upravliaiushchie vychislitel'nye mashiny. Moskva, Transzheldorizdat, 1962. 169 p.

Electropneumatic low-pressure converter for converting faint signals of electric current. L. A. Tenenbaum. Priborostroenie no. 10:7-9 O '62.

Equivalent circuits of electronic amplifiers of some automatic control devices in ore-dressing plants. V. M. Kirpichnikov. Izv. vys. ucheb. zav., gor. zhur. no. 9:140-147 '61.

Establishing a centralized control system for flotation ore dressing plants. O. V. Golosov. TSvet. met. 35 no. 10 8-16 O '62.

Gauge attachment as a means of automatic calculation of discharges in irrigation canals. V. E. Krasnov. Vop. gidr no. 4 7-28 '62.

General state system of devices and technical means of automation. V. V. Keribkii, B. S. Sotskov. Standartizatsiia 26 no. 10 3-10 O '62

Gizila, E. P. [Design of automatic control devices for electric power systems] Raschet ustroistv avtomatiki energosistem. Kiev, Gostekhizdat USSR, 1962, 211 p.

Grinshtein, M. M. [Photoresistances and their use in industrial automatic control devices] Fotosoprotivleniia v priborakh promyshlennoi avtomatiki. Moskva, Gosenergoizdat, 1962, 78 p. (Biblioteka po avtomatike, no. 49)

[MICROFILM]

High-speed sampled-data systems with switching between sampling instants [with summary in English]. R. S Rutman. Avtom. i telem. 23 no. 9:1224-1236 S '62.

[Industrial electronics and automation of production processes] Avtomatizatsiia proizvodstva i promyshlennaia elektronika. Glav. red. A. I. Berg i V. A. Trapeznikov. Moskva, Gos. nauchn. izd-vo "Sovetskaia Entsiklopedila." (Entsiklopedila sovremennoi tekhniki. Entsiklopedii. Slovari. Spravochniki)
Vol. 1. A-I. 1962. 524 p.

Intrafarm PAR spring-equipped automatic device for assuring constant discharge. M. V. Butyrin. Vop. gidr. no. 4 66-75 '62

Invariancy principle for multidimensional automatic control systems. A. G. Shevelev. Izv. vys. ucheb. zav.; elektromekh. 5 no. 6:622-631 '62.

Kazanskii, V. E [Automation and remote control in electric power systems] Avtomatizatsiia i telemekhanizatsiia energeticheskikh sistem. Moskva, Profizdat, 1962. 182 p. (Novaia tekhnika i peredovye metody truda)

Krinetskii, I. I. [Design of nonlinear automatic control systems] Raschet nelineinykh avtomaticheskikh sistem. Kiev, Gostekhizdat, USSR, 1962, 224 p.

Kulgin, A. V. [Automatic AT-100-5M and AT-120-5 looms] Avtomaticheskie tkatskie stanki AT-100-5M i AT-120-5. Moskva, Rostekhizdat, 1962. 231 p. (Uchebniki i uchebnye posobiia dlia podgotovki rabochikh massovykh professii)

Krug, E. K., and O. M. Minina [Electrical controllers in industrial automatic control systems] Elektricheskie regulatory promyshlennoi avtomatiki. Moskva, Gosenergoizdat, 1962. 334 p.

Leventin, L. I. [Automation of systems of artificial climate] Avtomatizatsiia sistem iskusstvennogo klimata. Moskva, Mashgiz, 1962, 156 p.

Locus diagrams of currents of a two-phase regulated asynchronous machine. V. S. Ryzhkov. Vest. elektroprom. 33 no. 11:34-40 N '62

Loskutov, V. I. [Control computers] Upravliaiushchie matematicheskie mashiny. Moskva, Mashgiz, 1962. 387 p.

Malyi, G. A. [Automation of industrial furnaces fired with gas] Avtomatizatsiia promyshlennykh pechei, rabotaiushchikh na gazoobraznom toplive. Leningrad, 1962. 23 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia: Energetika, no. 6)

Measuring techniques and equipment for the experimental determination of the frequency characteristics of automatic control systems. A. A. Vavilov, A. I. Solodovnikov. Izv LETI 59 no. 46 74-105 '62.

Method for coding frequency ratios in automatic devices [with summary in English]. R. M. Trakhtenberg. Avtom. i telem. 23 no. 9:1254-1259 S '62.

Methods for the compensation of dynamic errors in program controlled machine tools [with summary in English]. B. I. Andreichikov. Avtom. i telem. 23 no. 9: 1165-1178 S '62.

Noncontact logic elements for industrial automatic control systems. O. B. Babaev. Vest. elektroprom. 33 no. 11.63-67 N '62.

On a system of indirect control. R. A. Spasskii. Izv. vys. ucheb. zav.; mat. no. 4:148-151 '62.

Operator delay working with visual signals [with summary in English]. I. E. TSibulevskii. Avtom. i telem. 23 no. 11:1513-1526 N '62.

Our plans in the field of equipment and techniques. E. Magunov, V. Vikhorev. Poligr. proizv. no. 10:3-4 O '62.

Overall automation of the thermal conditions of open-hearth furnaces. M. V. Shavel'zon, M. D. Kuzin. Mont. i spets. rab. v stroi. 24 no. 10:12-14 O '62.

Panasenko, V. D. [Elements of automatic control and computer engineering; a manual on standard components and networks] Elementy avtomaticheskikh ustroistv i vychislitel'noi tekhniki; spravochnik po tipovym elementam i skhemam. Izd. 2., dop. i perer. Moskva, Oborongiz, 1962. 300 p.

Poborchii, V. S. [Experience in the automation of steam boilers fired with gas] Opyt avtomatizatsii parovykh kotlov, rabotaiushchikh na gazoobraznom toplive. Leningrad, 1962 22 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom Seriia: Energetika, no. 7)

Precise determination of self-oscillations in piece-wise continuous systems [with summary in English] E N Rozenvasser. Avtom. i telem 23 no. 11:1414-1420 N '62

Problem concerning the reliability of continuously serviced multichannel systems [with summary in English]. L. N. Mikhailov. Avtom. i telem. 23 no. 11:1527-1535 N '62.

Problem concerning the synthesis of impulse-type servo systems. IU. K. Pestov. Izv. LETI 57 no. 39-98-101 '59.

Prospects for the development of the Dzhezkazgan deposit. I. Mekler. Izv. vys. ucheb. zav., gor. zhur. no. 10:36-39 '61.

Sidorov, O. A. [Human physiological factors determining the arrangement of a machine control board] Fiziologicheskie faktory cheloveka, opredeliaiushchie komponovku posta upravlenila mashinoi Moskva, Oborongiz, 1962 362 p.

Simplified analysis of multichannel two-positional control processes and a method for their correction [with summary in English]. A. I. Cherepanov. Avtom i telem 23 no. 9:1247-1253 S '62.

Some engineering methods for analyzing control objects with monotonous transitive functions [with summary in English]. L. A. Girshov, I. V. Gel'man, L. A. Dobrin. Avtom. i telem. 23 no. 9:1210-1214 S '62.

Some problems in the study of transient phenomena in asynchronous motors. V. A. Shubenko and others. Izv. vys. ucheb. zav., gor. zhur. no. 10:125-137 '61.

Some structural circuits and dynamic characteristics of digital controllers [with summary in English]. S. N Diligenskii. Avtom. i telem. 23 no. 11:1451-1464 N '62.

Spectral density approximation by Chebyshev polynominls [with summary in English]. A. M. TSitlin. Avtom. i telem. 23 no. 11.1546-1552 N '62.

Stability of the arc welding process with self-regulation of welding conditions. N. G. Diurgerov. Svar. proizv. no. 10 5-8 O '62

Study of dynamic and statistical characteristics of an automatic phase frequency trim system with quadratic and composite damping [with summary in English] IU. N. Bakaev. Avtom. i telem. 23 no. 9:1179-1185 S '62.

Synthesis of a certain class of optimum control systems [with summary in English]. V. N. Zhigulev. Avtom. i telem. 23 no. 11:1431-1435 N '62.

Synthesis of optimum characteristics of pulse-type tracking systems [with summary in English]. N N. Korchov. Avtom. i telem. 23 no. 9:1215-1223 S '62.

Synthesis of the compensating devices of the automatic speed control system of a papermaking machine. G. G. Sokolovskii. Izv. vys. ucheb. zav.; elektromekh. 5 no. 7:747-756 '62.

Tainter gate and automatic device in the head waters with the float in a separate well. A. A. Gartung Vop gidr. no. 4:92-99 '62

Technical progress is the basis for increasing labor productivity. A. R. Chernenko. Izv. vys. ucheb. zav.; gor. zhur. no. 10:8-12 '61.

Timber-installing machine. L. N. Korzhuk, V. P Konukhin Gor zhur. no. 10:75-76 O '62.

Transfer functions of automatic control systems with linearly varying parameters [with summary in English]. V. K. Semenikhin. Avtom. i telem. 23 no. 11: 1421-1430 N '62.

Use of automatic control in electropathology studies. G. L. Frenkel'. Vop. elektroput. i elektrotrav. 1:5-13 '61.

Use of cybernetic devices on ships. I. S. Eremeev. Sudostroenie 28 no. 9 67-69 S '62.

Use of ultrasonic techniques in the automatic control of the quality of the parameters of petroleum products [in Azerbaijani with summary in Russian]. M. A. Topchubashov, I. A. Memmedov. Trudy ENIN AN Azerb. SSR 15:155-165 '62.

Using the harmonic balance method in analyzing the periodicity in systems of automatic control containing unstable elements. I. N. Pechorina. Izv. vys. ucheb. zav.; radiofiz. 5 no. 5:1040-1042 '62.

Working out principles of the overall mechanization and automation for casting pipe fittings. V. N. Bekhalov. Sbor. trud. NIIST no. 10:71-98 '62.

Zbrozhek, V. V. [Automatic control of ship systems] Avtomatika sudovykh sistem. Leningrad, Sudpromgiz, 1962. 145 p.

[MICROFILM]

AUTOMATIC CONTROL—ABSTRACTS

[Automatic control and radio engineering] Ref. zhur.: Avtom. i radioelektr. no. 9 S '62.

AUTOMATIC CONTROL—CONGRESSES

Seminar on the theory and application of discrete automatic systems [with summary in English]. R. S. Rutman Avtom. i telem. 23 no. 9:1268-1269 S '62.

AUTOMATIC CONTROL—EQUIPMENT AND SUPPLIES

Gorbunov, V.A. [Apparatus for the electrical networks of automatic control systems; reference materials] Apparatura elektroskhem avtomatizatsii, spravochnye materialy. Moskva, Mashgiz, 1962. 334 p.

AUTOMATIC CONTROL—HANDBOOKS, MANUALS, ETC.

Pechorina, I.N. [Design of automatic control systems] Raschet sistem avtomaticheskogo upravleniia; spravochnoe posobie. Moskva, Mashgiz, 1962. 111 p.

AUTOMATIC TELEPHONE see Telephone, Automatic

AUTOMATIC TIMERS

Differential time relay. V.N. IAchmenev. Mashinostroitel' no.10 19 O '62

Double time relay for controlling the recording with the MPO-2 oscillograph. V.M. Chernyagev. Priborostroenie no.10 30 O '62.

AUTOMATION
(see also subdivision under Ukraine)

An automatic system for the distribution of free-flowing materials in bunkers [with summary in English]. I.S. Eremeev. Avtom. i telem. 23 no.11,1507-1512 N '62.

[Automation in the coal mining industry] Avtomatizatsiia v ugol'noi promyshlennosti. [By] V.P. Murav'ev i dr. Moskva, Gosgortekhizdat, 1962. 258 p.

Automation of a cylinder block shakeout section. A.I. Zibenberg, A.S. Poliakov. Lit. proizv. no.10 21-24 O '62.

Automation of high-speed welding of masticated rubber products. IU.P. Galuzin, A.D. Dudnikov, V.V. Smirnov. Poligr. proizv. no.10,17-19 O '62

Automation of the manufacture of steel offset printing plates. S.F. Mokhov, A.I. Germogenov, M.V. Bukhmarev. Poligr. proizv. no.10 14-15 O '62.

Complete mechanization in the mining industry and its results. K.V. Zobziov. Izv.vys.ucheb.zav., gor. zhur. no.10;85-95 '61.

Concerning the training of mining engineers with a background in electromechanics in the automation of industrial operations. A.A. Shvartsman. Izv.vys.ucheb. zav.;elektromekh. 5 no.6;690-692 '62.

Evaluating technological systems of coal production and goals for creating new technology. A.D. Ignat'ev. Izv.vys.ucheb.zav., gor.zhur. no.10,96-103 '61.

[Akobson, M.O. [Technological processes of machining in automated production] Technologiia mekhanicheskoi obrabotki v avtomatizirovannom proizvodstve; spravochnoe posobie. Moskva, Mashgiz, 1962. 432 p.

Main factor in the growth of labor productivity. I.Maevskii. Sots.trud 7 no.10;26-35 O '62.

Means of automation used in recovering oil and gas. B.N. Bobrovnikov. Biul.tekh.-ekon.inform.Gos. nauch.-issl.inst.nauch.i tekh.inform. no.10;17-21 '62.

Pickups as the "sense organs" of automatic machines. L.Grinilev. Nauka i zhizn' 29 no.6;81-82 Je '62.

Program control of automatic machine-tool lines in the machinery industry abroad. S.A. Rozenberg. Biul. tekh.-ekon.inform.Gos.nauch.-issl.inst.nauch.i tekh. inform. no.10;78-83 '62.

Scientific and technological progress and the building of the material and technical foundation of communism. V. Kamaev. Nauch.dokl.vys.shkoly; ekon.nauki no.5; 3-10 '62.

Shops with overall mechanization and ways to automate them. A. Smirnov, A. Lavrisevich, I. Valershtein. Poligr.proizv. no.10,15-17 O '62.

Some problems in the automation of the aniline dye industry. F.O. Avetisian, S.V. Trachik, A.T. Ponomarenko. Khim.prom.[Ukr.] no.1;67-69 Ja-Mr '62.

Trapeznikov, V.A. [Automation and mankind] Avtomatika i chelovechestvo. Moskva, Izd-vo "Znanie," 1962. 29 p. (Narodnyi universitet kul'tury: Tekhniko-ekonomicheskii fakul'tet, no.8)

Use of computer devices for optimum control over processes in the chemical industries (survey). V.P. Borodiuk, V.S. Kortov. Zav.lab. 28 no.10;1211-1217 '62

Using computing equipment for the automation of industrial processes. V.E. Sekhin. Biul.tekh.-ekon. inform.Gos.nauch.-issl.inst.nauch.i tekh.inform. no.10;72 '62.

Using electronic computers in the automation of technological planning processes. A.M Gil'man. Avt. prom. 28 no.9 1-3 S '62.

AUTOMATION—ECONOMIC ASPECTS

Effect of automation on workers' qualifications in capitalist countries. R.Medvedev, E.Khizhnyi. Sots.trud 7 no.8;32-39 Ag '62.

AUTOMATISM

Clinical psychopathological characteristics of schizophrenia with a psychic automatism syndrome. L.K. Khokhlov. Trudy Gos.nauch.-issl.inst.psikh. 27;14-21 '61.

AUTOMOBILE DRIVERS—EDUCATION AND TRAINING

Ivanov, A.V. [Behind the wheel of a motor vehicle] Za rulem avtomobilia. Moskva, Voenizdat, 1962. 60 p. (Otlichniki ucheby o svoem opyte)

AUTOMOBILE INDUSTRY see subdivision under Minsk, Moscow

AUTOMOBILES—BODIES

Development of the shape of automobile bodies IU.V. Danilov. Avt prom 28 no.9 10-12 S '62

AUTOMOBILES—ENGINES—CARBURETORS

Starting regulation of carburetors. A N Moiseichik Avt. prom 28 no.9 9-10 S '62

AUTOMOBILES—ENGINES—COOLING

Heat transfer to the cooling water in the MZMA automobile engine with small cylinder capacity by external characteristics. I.M. Lenin, A.V. Kostrov Izv.vys ucheb zav., mashinostr., no 5,91-100 '62

Selecting efficient shape and position of air intakes in prospective makes of the "Zaporozhets" automobile G.M Vasserman, V.I Dechev, V.D. Ol'iak Avt prom 28 no.9 23-25 S '62.

AUTOMOBILES—ENGINES—OIL FILTERS

Testing and adjustment of the oil filters of D-54A and D-75 engines. K.Pokkine. Tekh.v sel'khoz. 22 no.8;58-60 Ag '62.

AUTOMOBILES—ENGINES—SUPERCHARGERS

Pickup for measuring the number of revolutions of the motor of a turbosupercharger. E.N Zaichenko, S.S. Karasev Avt.prom. 28 no.9 44-45 S '62.

AUTOMOBILES—MODELS

Psakhis, Z.IA., and others. [Modeling of automobiles] Avtomobil'nyi modelizm. Pod obshchei red. Z.IA. Psakhisa. [By] E.Diskin i dr. Moskva, Izd-vo DOSAAF, 1962. 391 p.

AUTOMOBILES—RADIATORS

Repair of a radiator. A.Kolosovskii. Tekh.v sel'khoz. 22 no.8;86 Ag '62.

AUTOMOBILES—SPRINGS

Approximate determination of the volume of rubber-cord balloon of an automobile suspension. K.I. Gvinertia Avt.prom. 28 no 9 25-27 S '62.

AUTOMOBILES—TOURING

Borovskii, B.E., M.D. Popov, and M.IA. Pronshtein. [Manual for automobilists] Spravochnaia kniga avtomobilista. Pod red. IA.I. Bronshteina. [Leningrad] Lenizdat, 1962. 482 p.

AUTOMOBILES—TRANSMISSION DEVICES

Designing two-row cam differentials with radial disposition of blocks N.F Kliuchko Avt prom. 28 no.9 16-18 S '62.

Determining characteristics of a hydraulic torque converter under starting conditions during the test of automobiles on a stand M.I. Lur'e, K.IU. Sytin Avt.prom 28 no 9 12-16 S '62.

AUTOMOBILES—TRANSPORTATION

New method for loading automobiles. I.P. Utkin. Avt prom. 28 no 9 45 S '62

AUTOMOBILES, MILITARY

Ivanov, A.V. [Behind the wheel of a motor vehicle] Za rulem avtomobilia. Moskva, Voenizdat, 1962. 60 p. (Otlichniki ucheby o svoem opyte)

AUTOMOBILES, RENTAL

Liability for rented motorcars. E.D.Sokolova. Vest. Mosk.un.Ser.10; Pravo 17 no.3;50-57 Jl-S '62.

AUTONOMIC DRUGS

Effect of analgesic and neuroplegic substances on the coronary chemoreflex [with summary in English]. I.N. Pidevich. Uch.zap.Inst.farm.i khimiotер.AMN SSSR 2;121-132 '60.

Kharkevich, D.A. [Ganglionic agents] Ganglionarnye sredstva. Moskva, Medgiz, 1962. 293 p. (DNLM)

Moscow. Gosudarstvennyi nauchno-issledovatel'skii institut psikhiatrii. [Supporting therapy with neuroleptic agents of schizophrenics; methodological materials] Podderzhivaiushchaia terapiia neroleptícheskimi sredstvami bol'nykh shizofreniei; metodicheskie materialy. Pod red. L.L. Rokhlina i I.G. Ravkina. Moskva, 1961. 64 p. (DNLM)

Results of an electroencephaloscopic study of the paranoid form of schizophrenia using neurotonics and neuroleptics. N.IA. Belen'kaia. Trudy Gos.nauch.-issl.inst.psikh. 27;208-211 '61.

Some characteristics of remissions during the treatment with neuroleptic substances of schizophrenics with a verbal hallucinosis syndrome. O.P. Vertogradova. Trudy Gos.nauch.-issl.inst.psikh. 27;172-177 '61.

Some pathophysiological shifts in higher nervous activity during the treatment with neuroplegic substances of schizophrenia. S.V. Dneprovskaia. Trudy Gos. nauch.-issl.inst.psikh. 27;201-207 '61.

Treatment using neuroplegic preparations of patients suffering from late schizophrenia. S.IA. Shvartsman. Trudy Gos.nauch.-issl.inst.psikh. 27 183-190 '61.

Use of neuroplegics in local anesthesia. N.N. Vul'f, A.A. Vashantsev. Vest.khir. 89 no.8;64-67 Ag '62.

AUTUMN see subdivision under Salair Ridge; White Russia

AUXILIARY POLICE
(see also subdivision under Moscow, Vladimir)

Bochillo, P.I., and A.I.Kogan. [Highly important work of the Soviet public] Krovnoe delo obshchestvennosti. [Krasnoiarsk] Krasnoiarskoe knizhnoe izd-vo, 1960. 76 p. (Druzhinnik)

AVARICE

Inhabited island. V. Privalikhi, E. Rosliakov. Ogonek 40 no.23;30-31 Je '62.

AVIATION MEDICINE

Influence of a large drop in atmospheric pressure on the human body at high altitudes S.G Zharov, A.E Ivanov Voen.-med zhur no.9 61-65 S '61.

Influence of explosive decompression on the animal and human body (as revealed by foreign studies) A.S TSivilashvili, I.N Chernikov. Voen.-med zhur no.9 65-69 S '61

Significance of past illnesses in the development of hearing disorders in fliers M.N Stepanov Voen.-med zhur no.9;84 S '61.

AVITAMINOSIS see Deficiency diseases

AXIAL FLOW COMPRESSORS see Compressors

AXONOMETRIC PROJECTION

Auxiliary projection in problems of axonometry. B.N. Sokolov. Izv.LETI 57 no.39,313-323 '59.

AYAT VALLEY—PALEONTOLOGY, STRATIGRAPHIC

Problematic organic Mesozoic and Cenozoic formations in the eastern slope of the Urals. A.P.Sigov. Trudy Gor.-geol.inst.UFAN SSSR no.61;89-93 '61.

AZEPINONE

Analytical chemistry of ε-caprolactam (survey) E.M. Perepletchikova, E.N Zil'berman. Zav lab. 28 no 10,1172-1177 '62

AZERBAIJAN—ARCHITECTURE, DOMESTIC

Salamzade, A.V., and A.A.Sadykh-zade [Dwellings in Azerbaijan in the 18th and 19th centuries] Zhilishcha Azerbaidzhana v XVIII-XIX vv. Baku, Akad. nauk Azerbaidzhanskoi SSR, 1961. 167 p. illus. [In Azerbaijani] (MH)

AZERBAIJAN—CUTWORMS

Cutworms injurious to cotton, vegetables, and grain crops in Azerbaijan [in Azerbaijani with summary in Russian]. S.V. Aliev. Ent.sbor. no.1;124-155 '62.

AZERBAIJAN—ELECTRIFICATION

Electrification of the republic during the years of the first five-year plan [in Azerbaijani with summary in Russian] G.IA Abdulsalimzade Izv AN Azerb. SSR, Ser obshchestv. nauk no.3 99-108 '62

AZERBAIJAN—EUROPEAN WAR, 1914-1918

The struggle against Panislamism and Panturkism in the general thought of Azerbaijan during the first imperialist war [in Azerbaijani with summary in Russian] G.I Gasanov Izv AN Azerb SSR. Ser obshchestv. nauk no.3,89-98 '62

AZERBAIJAN—FIELD CROPS—DISEASES AND PESTS

Chafers (Scarabaeidae, Melolonthinae) and the damage done by them to farm crops in Azerbaijan [in Azerbaijani with summary in Russian]. N.G. Samedov. Ent. sbor. no.1;156-162 '62.

AZERBAIJAN—GRAIN—DISEASES AND PESTS

Grain aphids (Aphidoidea, Homoptera) in Azerbaijan [in Azerbaijani with summary in Russian]. V.N. Rusanova. Ent.sbor. no.1;72-123 '62.

Grain bugs (Pentatomidae, Hemiptera) [in Azerbaijani with summary in Russian]. N.G. Samedov. Ent.sbor. no.1;6-71 '62.

AZERBAIJAN—HELEIDAE

Biting midges (Diptera, Heleidae) of the northeastern part of Azerbaijan. Sh.M. Dzhafarov. Ent.sbor. no.1;183-192 '62.

A new species of the genus of biting midges Lasiohelea Kieff. (Diptera, Heleidae) from Azerbaijan. Sh.M. Dzhafarov. Ent.sbor. no.1;193-200 '62.

AZERBAIJAN—LEARNING AND SCHOLARSHIP

Akademiia nauk Azerbaidzhanskoi SSR, Baku. [Achievements of sciences in Azerbaijan] Dostizheniia nauk v Azerbaidzhane. Baku, 1960. 192 p. [In Azerbaijani] (CU)

AZERBAIJAN—NATIONALISM

The struggle against Panislamism and Panturkism in the general thought of Azerbaijan during the first imperialist war [in Azerbaijani with summary in Russian]. G.I. Gasanov Izv. AN Azerb SSR. Ser. obshchestv. nauk no.3,89-98 '62.

AZERBAIJAN—OSTRACODA, FOSSIL

Agalarova, D. A., Z. K. Kadyrova, and S. A. Kulieva. [Ostracods in Pliocene and Post-Pliocene sediments of Azerbaijan] Ostrakody pliotsenovykh i postpliotsenovykh otlozhenii Azerbaidzhana. Baku, Azerbaidzhanskoe gos. izd-vo, 1961. 410 p.

Kuznetsova, Z. V. [Ostracods in Cretaceous sediments of northeastern Azerbaijan and their stratigraphic significance] Ostrakody melovykh otlozhenii Severo-Vostochnogo Azerbaidzhana i ikh stratigraficheskoe znachenie. Baku, Azerbaidzhanskoe gos. izd-vo, 1961. 147 p.

AZERBAIJAN—PLANT LICE

Grain aphids (Aphidoidea, Homoptera) in Azerbaijan [in Azerbaijani with summary in Russian]. V. N. Rustamova. Ent. sbor., no. 1 72-123 '62.

AZERBAIJAN—RADIO PROGRAMS

The Azerbaijani radio. Sov. rad. i tel. 6 no. 3:16 '57.

AZERBAIJAN—SALINE AND ALKALI SOILS

Leaching of sodium sulfate-rich salinized soils [with summary in English]. S. G. Aristov. Pochvovedenie no 7: 26-30 Jl '62.

Salt losses from soils and the determination of leaching rates [with summary in English] P. I. Panin. Pochvovedenie no. 7:31-38 Jl '62.

AZERBAIJAN—SCARABAEIDAE

Chafers (Scarabaeidae, Melolonthinae) and the damage done by them to farm crops in Azerbaijan [in Azerbaijani with summary in Russian]. N. G. Samedov. Ent. sbor., no. 1:155-162 '62.

AZERBAIJAN—SPHAEROPSIDALES

New species of pycnidial fungi from Azerbaijan. N. A. Melnikova. Bot. mat. Otd. spor. rast. 15:156-162 Ja '62.

AZERBAIJAN—STINK BUGS

Grain bugs (Pentatomidae, Hemiptera) [in Azerbaijani with summary in Russian]. N. G. Samedov. Ent. sbor., no. 1:6-71 '62.

AZERBAIJAN—THUNDERSTROMS

Studies of some problems of thunderstorm phenomena conducted at the Shemakha field laboratory. A. S. Ali-Zade, D. A. Kuliev. Izv. AN Azerb. SSR. Ser. fiz.-mat. i tekh. nauk no. 2 57-68 '62.

AZERBAIJANI LANGUAGE—FOREIGN WORDS AND PHRASES

Loan words from Russian and European languages in Sabir's satirical poems [in Azerbaijani with summary in Russian]. R. Dzh. Magerramova. Izv. AN Azerb. SSR, Ser. obshchestv. nauk no. 6 31-40 '62.

AZERBAIJANI LANGUAGE—TERMS AND PHRASES

Akademiia nauk Azerbaidzhanskoi SSR, Baku. Institut literatury i iazyka. [Phrases in present day Azerbaijani] Slovosochetaniia v sovremennom azerbaidzhanskom iazyke. Baku, Akad. nauk Azerbaidzhanskoi SSR, 1961. 147 p. [In Azerbaijani]
(MH)

AZERBAIJANI LANGUAGE—WORDS

Certain words in the literary legacy of the Azerbaijani language of the 16th century [in Azerbaijani with summary in Russian] M. Sh. Ragimov. Izv. AN Azerb. SSR Ser. obshchestv. nauk no. 6, 41-48 '62.

AZERBAIJANI LITERATURE

Guseinov, Chingiz. [Collective farm village in postwar Azerbaijani prose] Kolkhoznaia derevnia v poslevoennoi azerbaidzhanskoi proze. Baku, Azerbaidzhanskoe gos. izd-vo, 1960. 98 p.
(MH)

AZERBAIJANI MANUSCRIPTS see Manuscripts, Azerbaijani

AZERBAIJANI PERIODICALS

The magazine "Ary" ("Bee") [in Azerbaijani with summary in Russian]. Mamed Mamedov. Izv. AN Azerb. SSR Ser. obshchestv. nauk no. 6:61-69 '62.

AZIDES—SPECTRA

Study of azide-tetrazole tautomerism with the aid of infrared spectroscopy. I. IA. Postovskii and others. Izv. AN SSSR, Ser. fiz. no. 10:1298-1300 O '62.

AZO COMPOUNDS—SPECTRA

Problem of the appearance of the azo group in vibrational and electron spectra. S. S. Dubov, V. A. Ginsburg. Zhur. VKHO 7 no. 5:593-594 '62.

AZORES ISLANDS REGION—VOLCANOES

Occurrence of submarine volcanic activity in the area of the Azores [with summary in English]. S. K. Gipp. Trudy Inst. okean. 56:23-31 '62.

AZOTOBACTER

Effect of bacterial fertilizers on the yield of the green bulk and grain of corn. N. Umurzakov. Vest. sel'khoz. nauki [Kazakh.] 5 no. 10:35-39 O '62.

Nature of the action of bacterial fertilizers (azotobacterin, phosphorobacterin) on farm crops [with summary in English]. A. N. Naumova, E. N. Mishustin, V. M. Mar'enko. Izv. AN SSSR, Ser. biol. no. 5:709-717 S-O '62.

AZOV, SEA OF—DIATOMS

New diatoms from the Sea of Azov and Sivash. A. I. Proshkina-Lavrenko. Bot. mat. Otd. spor. rast. 15 22-28 Ja '62.

AZOV SEA REGION—GEOLOGY, STRUCTURAL

Lebedev, T. S., and G. T. Sobakar'. [Tectonics of the northeastern Azov Sea region, based on geophysical data] Tektonika severo-vostochnogo Priazov'ia; po dannym geofizicheskikh issledovanii. Kiev, Izd-vo Akad. nauk USSR, 1962. 82 p.

BCG

Study of the conditions of absorption of a soluble antigen isolated from Mycobacterium tuberculosis subjected to ultrasonic waves. V. A. Blagoveshchenskii, G. I. Stepanchenok-Rudnik, L. V. Zhulina. Zhur. mikrobiol., epid. i immun. 33 no. 8:130 Ag '62.

BCG VACCINATION

Changes in some indices of the function of external respiration and blood circulation in rabbits during the formation of postvaccinal immunity to tuberculosis. K. A. Pimenova. K izuch. roli nerv. sist. v pat., immun. i lech. tub. no. 2:281-287 '61.

Effect of BCG vaccination on the duration of life in white mice poisoned with strychnine, preliminary report. L. E. Gaber. K izuch. roli nerv. sist. v pat., immun. i lech. tub. no. 2:298-300 '61.

Methods for antituberculosis vaccination and revaccination using BCG. E. A. Finkel'. Sov. zdrav. Kir. no. 5 32-38 S-O '62.

BMR see Basal metabolism

BACILLE CALMETTE-GUERIN see BCG

BACILLUS ANTHRACIS

Study of the optimum conditions for the formation of the protective extracellular anthrax antigen on a milk medium [with summary in English]. N. I. Aleksandrov and others. Zhur. mikrobiol., epid. i immun. 33 no. 1 9-14 Ap '62.

BACTERIA
(see also subdivision under Pacific Ocean)

"Biology of L-form bacteria" by V. D. Timakov, G. IA. Kagan. Reviewed by V. M. Zhdanov. Zhur. mikrobiol., epid. i immun. 33 no. 8:150-152 Ag '62.

BACTERIA, ANAEROBIC

Some characteristics of the nitrogen metabolism of saprogenic anaerobes. V. F. Kondrat'eva, V. N. Shvedova. Trudy Len. khim.-farm. inst. no. 13:77-86 '61.

BACTERIA, EFFECT OF DRUGS ON

Adaptation and cross-resistance of micro-organisms to individual preparations and their combinations. I. V. Ovsiankin. Zhur. mikrobiol., epid. i immun. 33 no. 8: 134 Ag '62.

BACTERIA, PATHOGENIC

Etiological role of Newcastle bacteria of the Denton-Manchester and Clayton-Warren types. D. A. Savenkov. Zhur. mikrobiol., epid. i immun. 33 no. 8:127 Ag '62

Mel'nikov, N. I. [Pathogens of suppurative diseases and their association] Vozbuditeli gnoinykh zabolevanii i ikh assotsiatsii. Moskva, Medgiz, 1962. 263 p. (DNLM)

Study of the mechanism of the pathogenic therapeutic action of streptomycin on the fever reaction caused by a killed culture of B. mesentericus. G. S. Kan. K izuch. roli nerv. sist. v pat., immun. i lech. tub. no. 2:341-344 '61.

BACTERIA, PHOSPHORUS

Effect of bacterial fertilizers on the yield of the green bulk and grain of corn. N. Umurzakov. Vest. sel'khoz. nauki [Kazakh.] 5 no. 10:35-39 O '62.

Nature of the action of bacterial fertilizers (azotobacterin, phosphorobacterin) on farm crops [with summary in English]. A. N. Naumova, E. N. Mishustin, V. M. Mar'enko. Izv. AN SSSR, Ser. biol. no. 5:709-717 S-O '62.

BACTERIA, THERMOPHILIC

Thermophilic bacterium isolated from ozocerite [with summary in English]. Ch. B. Bairiev, S. M. Mamedov. Izv. AN SSSR, Ser. biol. no. 5:782-786 S-O '62.

BACTERIOLOGY—CULTURES AND CULTURE MEDIA

Significance of some components of the Kitt-Tarozzi medium for the growth of anaerobes. V. F. Kondrat'eva, V. N. Shvedova. Trudy Len. khim.-farm. inst. no. 13: 70-76 '61.

BACTERIOLOGY—TECHNIQUE

Method for isolating resistant microbial cultures useful for the study of the effectiveness of disinfection [with summary in English]. B. L. Shura-Bura, M. A. Zolochevskii. Zhur. mikrobiol., epid. i immun. 33 no. 4:115-118 Ap '62.

Methods of collecting material for bacteriological diagnosis of intestinal infections. L. F. Grinshpun, A. E. Karapetian. Voen.-med. zhur. no. 9:86 S '61.

BACTERIOLYSIS

Case of lysis of the culture of Pasteurella boviseptica by plague bacteriophage. A. L. Kartasheva, L. S. Kamennova. Biul. MOIP, Otd. biol. 67 no. 4:155-156 Jl-Ag '62.

BACTERIOPHAGE

Biological characteristics of plague bacteriophage report No. 1: The Morphology of negative colonies and their serological properties. F. I. Ershov, Z. [illegible] Zhur. mikrobiol., epid. i immun. 33 no. 4:121 Ap '62.

Study of streptococcal bacteriophages; the properties of antiphage sera [with summary in English]. A. A. Terzian. Zhur. mikrobiol., epid. i immun. 33 no. 4 [illegible] Ap '62.

Variability of Actinomyces antibioticus strain 174-s under the action of actinophages. I. V. Fedorova. Nauch. dokl. vys. shkoly, biol. nauki no. 4 168-172 '62.

BAGASSE—TRANSPORTATION

Methods of conveying bagasse. I. L. Vilianskii. Sakh. prom. 36 no. 10:38-41 O '62.

BAGRATION, PETR IVANOVICH, 1765-1812

Was it possible to save Bagration? B. Rzhevskii. Nash. i zhizn' 29 no. 9:44-45 S '62.

BAHMUT, IVAN, 1903-

Ivan Bahmut. I. IA. Zaiets'. Rad. lit. 6 no. 4:116-124 Jl-Ag '62.

BAHUSHEVICH, FRANTSISHAK, 1840-1900

Maikhrovich, Stalapan. [Life and work of F. Bahushevich] [Translated from the White Russian] Zhizn' i tvorchestvo F. Bogushevicha. Minsk, Izd-vo Akad. nauk BSSR, 1961. 297 p.
(CU)

BAIKAL, LAKE—GEOLOGY, STRUCTURAL

Gravitational and disjunctive dislocations in Tertiary sediments on the bottom of Lake Baikal along the southeastern bank. V. S. Vorob'ev. Trudy VSGI SO AN SSR no. 3:26-34 '61.

Results of the study of recent tectonic movements along the banks of Lake Baikal. N. P. Ladokhin, E. K. Grechishchev. Trudy VSGI SO AN SSR no. 3:17-23 '61.

BAIKAL, LAKE—MORAINES

Glaciation on the banks of Lake Baikal. V. I. Galkin. Trudy VSGI SO AN SSR no. 3 50-59 '61.

BAIKAL LAKE REGION—ANTIQUITIES

Back into the ages; archaeological investigations in the Lake Baikal region. V. F. Lane. Priroda 51 no. 10: 72-78 O '62.

BAIKAL LAKE REGION—MAGNETISM, TERRESTRIAL—SECULAR VARIATION

Sharp changes in the secular variation of the geomagnetic field to the east of Lake Baikal. V. P. Orlov. Geomag. i aer. 2 no. 4 703-706 Jl-Ag '62.

BAIKAL LAKE REGION—POLLEN, FOSSIL

Stratigraphic and geographical changes in the composition of plant pollen in Quaternary deposits of the Ol'khon region [with summary in English]. V. V. Lamakin. Biul. MOIP, Otd. biol. 67 no. 4:79-100 Jl-Ag '62.

BAIKAL LAKE REGION—SEISMOMETRY

Some characteristics of the vibrations of soils during earthquakes in the Lake Baikal region. S. V. Puchkov. Trudy Inst. fiz. Zem. no. 22. Vop. inzh. seism. no. 7 81-88 '62.

BAKAL REGION—IRON ORES

IAnitskii, A. L. and O. P. Sergeev. [Bakal iron-ore deposits and their genesis] Bakal'skie zhelezorudnye mestorozhdeniia i ikh genezis. Moskva, Izd-vo Akad. nauk SSSR, 1962. 110 p. (Akademiia nauk SSSR. Institut geologii rudnykh mestorozhdenii, petrografii, mineralogii i geokhimii. Trudy, no. 73)

BAKED PRODUCTS

New varieties of baked and confectionery products. L. D. Tomashevskaia, V. E. Siver, A. N. Kharina. Khleb. i kond. prom. 6 no. 10:32-35 O '62.

BAKED PRODUCTS—ANALYSIS

Chemical methods of separate determining of sugars in bread. I. A. Evnitskaia, T. N. Elkina, A. I. Ostrovskii. Izv. vys. ucheb. zav.; pishch. tekh. no. 5:143-146 '62.

BAKERS AND BAKERIES—ACCOUNTING see subdivision under Donetsk Province

BAKERS AND BAKERIES—EQUIPMENT AND SUPPLIES

Carts for the transportation of flour and dough troughs. A. I. Pasivkin. Khleb. i kond. prom. 6 no. 10:44-45 O '62.

Experience in using emulsions for coating bread molds and sheets. L. IA. Auerman and others. Khleb. i kond. prom. 6 no. 10:28-32 O '62.

Laboratory combination desk and cabinet for bakeries. A. A. Zav'ialov. Khleb. i kond. prom. 6 no. 10:45 O '62.

BAKERS AND BAKERIES—PRODUCTION STANDARDS see subdivision under Ukraine

BAKHCHISARAY DISTRICT—GEOLOGY, STRATIGRAPHIC

New data on the stratigraphy of the Albian stage in Bakhchisaray District (Crimea). B. T. IAnin. Biul. MOIP, Otd. geol. 37 no. 3:128-129 My-Je '62.

BAKU—CITY PLANNING
Development of the planning and building of Baku under Soviet rule, 1920-1950 Ist AN Azerb SSR Ser Obshchestv nauk no 3 71-88 '62

BAKU—HISTORY
Stiganov, I.V. [From the history of the formation of the Baku proletariat, 70's to the 90's of the 19th century] Iz istorii formirovaniia bakinskogo proletariata, 70-90-e gody XIX v. Baku, Izd-vo Akad. nauk Azerbaidzhanskoi SSR, 1960 287 p (OrU)

BAKU—PETROLEUM—TRANSPORTATION
Monopolistic tendencies in the petroleum industry during the eighties of the 19th century and the problem of petroleum freight transportation. V.Nardova Trudy LOII AN SSSR, no.4 59-93 '62.

BAKU—PETROLEUM INDUSTRY
First petroleum export syndicate in Russia, 1893-1897. A.A. Fursenko Trudy LOII AN SSSR, no.4 4-58 '62.
Monopolistic tendencies in the petroleum industry during the eighties of the 19th century and the problem of petroleum freight transportation. V Nardova. Trudy LOII AN SSSR, no.4 59-93 '62.

BALAGANSK ADMINISTRATIVE AREA—PEASANTS
Social and economic development of Russian and Buryat villages in the Balagansk Administrative Area of the Irkutsk Government in the second half of the 19th century. I.A. Asalkhanov. Trudy BKNII no.6 62-80 '61.

BALANCING OF MACHINERY
Methods for balancing and vibration damping of vibratory conveying machinery. I.F.Goncharevich. Vest. mashinostr., 42 no.10 23-27 O '62.

BALKAN PENINSULA—HISTORY
Balkan wars. Voen.-ist zhur 4 no.10:125-126 O '62.

BALKHASH, LAKE—PARASITES—FISHES
Parasites of fishes in Lake Balkhash. A P. Maksimova Trudy Inst. zool. AN Kazakh SSR 16:145-156 '62.

BALL BEARINGS
Rigidity of a radial thrust ball bearing with an axial tension. S.A. Kharlamov. Izv. AN SSSR. Otd. tekh. nauk. Mekh. i mashinostr no.5:139-141 S-O '62.

BALL BEARINGS—TESTING
Some problems in measuring the waviness of internal ring tracks of ball bearings. P.E. D'iachenko and others Trudy Sem. po kach. poverkh. no 5:210-218 '61.

BALLADS, UKRAINIAN
Stel'makh, M.P., comp. [Humorous songs] Zhartivlyvi pisni [Kyiv, Derzhlitvydav, 1961. 223 p (MH)

BALLAST (RAILROADS)
Asbestos ballast is a good protection against heaving. G P Bredniuk. Put' i put khoz. 6 no 8,17-18 '62
Organization of work on tracks with asbestos ballast. L.K. Gromov, D.A. Pechugin. Put' i put. khoz. 6 no 10:22-26 O '62.
Permanently mounted gauging system. N.K Nesterov. Put' i put. khoz. 6 no. 8 32 '62

BALLET see subdivision under Moscow, Sverdlovsk

BALSAMS
Pharmacology of fir balsam. T.A Mel'nikova, R.N. Zozulia. Trudy Len. khim.-farm. inst no.13:174-179 '61.

BALTIC SEA—DEEP-SEA DEPOSITS
Organic matter in the Baltic Sea sediments. T.I. Gorshkova. Trudy VNIRO 46:117-123 '62.

BALTIC SEA—HERRING
Physiological characteristics of the Baltic herring Clupea harengus membras L. of various fecundity. M.N. Krivobok, O.I. Tarkovskaia. Vop. ikht. 2 no.3: 441-451 '62.

BALTIC SEA—ORGANIC MATTER
Organic matter in the Baltic Sea sediments. T.I. Gorshkova. Trudy VNIRO 46:117-123 '62.

BALTIC SEA—PHYTOPLANKTON
Water masses of the Baltic Sea. M.V. Fedosov, G.N. Zaitsev. Trudy VNIRO 46:124-128 '62.

BALTIC SEA—WATER—COMPOSITION
Water masses of the Baltic Sea. M.V. Fedosov, G.N. Zaitsev. Trudy VNIRO 46:124-128 '62.

BALTIC SHIELD—ORES—SAMPLING AND ESTIMATION
Original weight of a sample for separation of heavy concentrate. V.D. Timofeev, V.F. Pluzhnikova. Razved. i okh. nedr 28 no.6 46-48 Je '62.

BALTIC STATES—REVOLUTION, 1917-1921
Stolliarenko, M.A. [Heroes never die] Geroi ne umirali. Moskva, Gospolitizdat, 1962. 59 p. (Geroi i podvigi)

BANACH SPACES
Abstract functions of sets and the imbedding theorems. V.B. Korotkov. Dokl. AN SSSR 146 no. 3 531-534 S '62
Coordinate spaces and infinite systems of linear equations Part 1. R.I. Gilbanov. Izv. vyss. uchob. zav., mat. no. 1 36-48 '62.

BAND THEORY OF SOLIDS see Energy-band theory of solids

BANKS AND BANKING
(see also subdivision under Iran, Leningrad, Persia)
Russian-Asiatic Bank and the I. Stakheev Concern. P. Al. Kitanina. Trudy LOII AN SSSR no.4 108-130 '62.

BAPTISM
(see also subdivision under Novorossiysk)
Babies and hell. Nauka i zhizn' no.11 53 N '62.

BAPTISTS
Local news. Brat vest no. 3 76-79 '62
To all parishes of Evangelical Christians and Baptists in the U.S.S.R Brat vest no 3 3 '62.
Where does the "Platonic line" lay? M Barykin Nauka i zhizn' no.5,52-56 My '62.

BAPTISTS, UKRAINIAN
Nastia's truth. S Garin. Voiov ateist no. 10:23-27 O '62

BARANOV, PAVEL ALEKSANDROVICH, 1892-1962
Pavel Aleksandrovich Baranov, an obituary. Al. A Ivanov. Izv. AN SSSR, Ser. biol. no 5:799-801 S-O '62
Pavel Aleksandrovich Baranov (July 20, 1892- May 17, 1962). I.T. Vasil'chenko. Bot. zhur. 47 no.8:1225-1226 Ag '62.

BARBERRIES
"Berberis and Mahonia, a taxonomic revision" [in English] by L.W.A. Ahrendt. Iz. N.Slizik. Bot. zhur. 47 no.8:1222-1231 Ag '62.

BARENTS SEA—MUSSELS
Methods of the Barents Sea. A.G. Ivanov. Priroda 51 no.10 107-108 O '62.

BARGUZIN VALLEY—FOREST SOILS
Hydro-physical properties of mountain forest soils in the Uda and Barguzin basins G. M Orlovskii Trudy Inst. lesa i drev 54 105-118 '62.
Mountain forest soils in the Uda and Barguzin basins of the Buryat A.S.S.R. G. M. Orlovskii Trudy Inst. lesa i drev 54 81-104 '62.

BARGUZIN VALLEY—PINE
Variability of morphological characteristics and biocenological properties of Scotch pine in the Buryat A.S.S.R. I.N. Ligachev Trudy Inst. lesa i drev 54 189-222 '62

BARIUM TITANATE CRYSTALS—ELECTRIC PROPERTIES
Ferroelectric properties of barium titanate in the UHF centimeter band. IU.M. Poplavko. Fiz. tver. tela 4 no. 6:1069-1071 Je '62.

BARLEY
(see also subdivision under Krasnodar Territory)
Vernalization stage in wild barley species. V D Kobyliianskii. Agrobiologiia no 3:448-449 My-Je '62.

BARLEY—WATER REQUIREMENTS see subdivision under Kazakhstan

BARNS see subdivision under Dnepropetrovsk Province, Donetsk Province; Kakhovka District

BARNS—VENTILATION
Turbine-type exhaust deflector. N. Balyberdin, M. Bekotov. Sel'. stroi. no 9:12 S '62.

BARROT, JEAN-LOUIS
Anxieties and hopes of France as they are expressed by Jean-Louis Barrot. Tat'iana Bachelis. Tsentr 23 no.10:180-188 O '62.

BASAL METABOLISM
Effect of ginseng on basal metabolism in thyrotoxicosis. V.E. Pishvina, N.V. Chefasova. Trudy Khab. med. inst. no.20:156-161 '60.

BASES (CHEMISTRY)
Synthesis of 1, 1, 3, 3-tetranitro-2-alkylpropanes and their cleavage by the action of bases S. S. Novikov and others. Izv. AN SSSR. Otd khim nauk no. 10 1853-1855 O '62.

BASHKIR ART see Art, Bashkir

BASHKIR LANGUAGE—SYNTAX
Akhmerov, K.Z. [Syntax of a compound sentence in the Bashkir language] Sintaksis slozhnosochinennogo predlozheniia v bashkirskom iazyke. Ufa, Bashkirskoe knizhnoe izd-vo, 1960 78 p. (MH)

BASHKIRIA—AGRICULTURE—STUDY AND TEACHING
Following the example of the Stavropol Territory student brigades. K. Sh Akhiiarov. Shkola i proizv 6 no. 10: 39-40 O '62.

BASHKIRIA—BRIQUETS (FUEL)
Improvement of the technological process in the Kumertau briquet plant. F. F. Burkhumenko. Obog. i brik. ugl no. 24 19-25 '62.

BASHKIRIA—GAS, NATURAL—GEOLOGY
Ovanesov, G. P. [Formation of oil and gas pools in Bashkiria, their classification and prospecting methods] Formirovanie zalezhei nefti i gaza v Bashkirii, ikh klassifikatsiia i metody poiskov. Pod red. G. E. Dikenshteina. Moskva, Gostoptekhizdat, 1962. 204 p.

BASHKIRIA—HISTORY
"Studies on the history of the Bashkir A.S.S.R." Vol. 1, Pt. 2 Reviewed by N. F. Demidova Vop. ist. no. 10 178-179 O '62.

BASHKIRIA—INDUSTRIES
Visit to industrial Bashkiria. A Baranova, Sov. pech. no 10:54-55 O '62.

BASHKIRIA—ORTHODOX EASTERN CHURCH
Shishkin, Ogly or Missionary Motives? A. Bikmu. Nauka i zhizn' no. 11 61-67 N '62.

BASHKIRIA—PETROLEUM GEOLOGY
Ovanesov, G. P. [Formation of oil and gas pools in Bashkiria, their classification and prospecting methods] Formirovanie zalezhei nefti i gaza v Bashkirii, ikh klassifikatsiia i metody poiskov. Pod red. G. E. Dikenshteina. Moskva, Gostoptekhizdat, 1962. 204 p.

BASHKIRIA—RESTAURANTS, LUNCHROOMS, ETC
Achievements and failures of Bashkir cooks. I. Filekhin. Obshchestv. pit. no.7:42-44 Jl '62.

BASHKIRIA—TRIPS—DISEASES AND PESTS
Akademiia nauk SSSR Bashkirskii filial, Ufa. Institut biologii. [Studying the fauna of Bashkirian forest pests] Issledovaniia vrediteli lesa Bashkirii Ufa, 1962. 89 p. Illus. (ICMIC)

BASHKIRIA—WHEAT
Gil'fanov, V., and others. [Biology and cultivation of winter wheat in Bashkiria] Biologiia i voprosy kul'tury ozimoi pshenitsy v Bashkirii Ufa, Akad. nauk SSSR, Bashkirskii filial, Institut biologii, 1960 72 p. Illus. (ICMIC)

BASUTOLAND—COMMUNIST PARTY
The turning point in the history of Lesotho [with English summary in insert]. Jack Weddell. Afr. i Afr. neg. no. 10:30-32 O '62.

BATHS, MEDICATED see subdivision under Kislovodsk

BATISTE
Crystal structure of batiste $Na_2BaTi_2Si_4O_{12}$ [$Na_2BaTi_2Si_4O_{12}$]. A. V. Nikitin, N. V. Belov Dokl. AN SSSR 146 no. 6:1401-1404 O '62

BATS see subdivision under San Antonio region

BATUM—BOTANICAL GARDENS
Batum, Botanicheskii sad. [Guidebook to the Batum Botanical Garden] Putevoditel' po Batumskomu botanicheskomu sadu. Batumi, 1957. 152 p. (DNAL)

BATUM—HISTORY
Chulok, I.S. [Military activity of Bolsheviks in Batum during the years of the first Russian revolution] Voenno-boevaia deiatel'nost' bol'shevikov v Batumi v gody pervoi russkoi revoliutsii. Batum, Gosizdat, 1960. 246 p. Illus (MH)

BATUM—RUSSIAN SOCIAL DEMOCRATIC PARTY
Chulok, I.S. [Military activity of Bolsheviks in Batum during the years of the first Russian revolution] Voenno-boevaia deiatel'nost' bol'shevikov v Batumi v gody pervoi russkoi revoliutsii. Batum, Gosizdat, 1960. 246 p. Illus

BEACONS see subdivision under Amur River

BEAMS AND GIRDERS
Dikovich, I. L. [Dynamics of elastoplastic beams] Dinamika uprugo-plasticheskikh balok. Leningrad, Sudpromgiz, 1962. 291 p.

BEANS
Effect of pollination by bees on the yield of forage beans [translated from the German]. Hans Oschmann. Agrobiologiia no. 3 365-368 My-Je '62
A few words on Doctor H Oschmann's report. I. A Khalifman. Agrobiologiia no. 3 368-370 My-Je '62

BEANS—HARVESTING see subdivision under Altai Territory

BEARINGS (MACHINERY)
Ball and roller bearings with wire races. L.M. Kondrat'ev, S.I. Moterin. Vest. mashinostr. 42 no.10:31-37 O '62.
Converted bearings of the T-40 tractor. L. Bulankov. Tekh. v sel'khoz. 22 no.8:75-76 Ag '62.
Using the methods of chemical heat treatment for increasing the wear resistance of surface layers of bearings. IU. M. Vinogradov, Z. P. Kireeva. Trudy Sem po kach. poverkh. no. 5:136-145 '61.

BEARINGS (MACHINERY)—LUBRICATION

Using Pitot tubes in investigating the self-lubrication of antifriction bearings of vertical shafts. B.D. Voronkov. Vest. mashinostr. 42 no.10,27-30 O '62.

BEBEL, AUGUST, 1840-1913

How A. Bebel struggled against revisionism [with summary in English, pp. 180-181]. M.S. Gluzberg. Vop. filos. 16 no.10:70-81 '62.

BEDDING—DISINFECTION

Disinfection of dishes and linen by means of electrolyzed sodium chloride solutions [with summary in English] B.L. Shura-Bura, M.I. Vorob'ev, V.I. Shlykov Zhur mikrobiol., epid. i immun. 33 no.8:9-14 Ag '62

BEDNYI, BORIS

"Star ticket" by V. Aksenov, "Girls" by Boris Bednyi. Reviewed by M. Chernyi. Semia i shkola 17 no.10 44-45 O '62.

BEE FLIES

Morphology of the male hypopygium of bee flies (Diptera, Bombyliidae) [with summary in English]. V.I. Zaitsev, Z.S. Kaufman. Ent. obozr. 41 no.3 579-582 '62.

BEEF CATTLE BREEDING see subdivision under Kazakhstan

BEES

(see also subdivision under Soviet Central Asia)

Effect of pollination by bees on the yield of forage beans [translated from the German] Hans Oschmann Agrobiologiia no 3 365-366 My-Je '62

Vinogradova, T.V., and G.P. Zaitsev, eds. [The bee and human health] Pchela i zdorov'e cheloveka. Moskva, Izd-vo M-va sel'khoz. RSFSR, 1962. 190 p. (DNLM)

BEES, EFFECT OF SPRAYING AND DUSTING ON

Vsesoiuznyi nauchno-issledovatel'skii institut pchelovodstva. [How to protect bees from poisoning by chemicals] Kak predokhranit' pchel ot otravlenila iadokhimikatami. Rybnoe [1955] 4 p. (DNAL)

BEETLES see subdivision under Transcaucasia

BEETS see subdivision under Cherkassy Province

BELEMNITES

Microstructure of belemnite guards and their mineral composition. G.K. Kabanov. Biul. MOIP. Otd. geol. 37 no.3:131-132 My-Je '62.

BELGIUM—SHIPBUILDING

Belgium-built ships [from "Shipping World," no 3565, 1961]. Sudostroenie 28 no 8 75 S '62.

BELGOROD

[Belgorod; a study of the past, present and future of the city] Belgorod, ocherk o proshlom, nastoiashchem i budushchem goroda. [Belgorod] Belgorodskoe knizhnoe izd-vo, 1962. 127 p.

BELGOROD PROVINCE—COLLECTIVE FARMS—ACCOUNTING

Painful problems of collective farm accounting. N.E. Ponomarenko. Uchet i fin v kolkhoz. i sovkhoz. 19 no 9:28-32 S '62.

BELINSKII, VISSARION GRIGOR'EVICH, 1811-1848

Golubov, S.N., and others, eds. [V.G. Belinskii in the memoirs of his contemporaries] V.G. Belinskii v vospominaniiakh sovremennikov. [Moskva] Goslitizdat, 1962. 759 p. (Serila literaturnykh memuarov)

Maksimshov, P.F. [Our V.G. Belinskii] Nash V.G. Belinskii. [Penza] Penzenskoe knizhnoe izd-vo, 1961 125 p. illus. (MH)

BELLA, MOHAMMED BEN, 1919-

Mohammed Ben Bella. Mir. ekon. i mezhdunar. otn no.11 138-139 N '62

BELOZERKA REGION (ZAPOROZH'YE PROVINCE)—ROCKS, IGNEOUS

Ultrabasic and basic intrusive rocks of the Belozerka magnetic anomaly region. G.F. Guzenko, L.I. Korshever, K.F. Shcherbakova. Zap. Vses. min. ob-va 91 no.3 315-324 '62.

BELOZERKA REGION (ZAPOROZH'YE PROVINCE)—ULTRABASITE

Ultrabasic and basic intrusive rocks of the Belozerka magnetic anomaly region. G.F. Guzenko, L.I. Korshever, K.F. Shcherbakova. Zap. Vses. min. ob-va 91 no. 3: 315-324 '62.

BENTONITE

(see also subdivision under Black Sea Lowland; Kazakhstan)

Use of Circassian bentonite in mold wash to avoid sand fusion on castings. A.S. Vishnevskii, V.A. Shevchenko. Lit. proizv. no.10:9-10 O '62.

BENZALDEHYDE

Inhibitors of free radical reactions. Report No. 3: Formylation of 2,6-dialkylphenols. G.A. Nikiforov and others. Izv. AN SSSR. Otd. khim. nauk no. 10:1836-1838 O '62

BENZENE

High temperature destructive hydrogenation of trimethylbenzenes. A.A. Krichko, L.S. Sovetova. Trudy IGI 17,246-249 '62.

Preparation of terephthalic acid by the oxidation of p-diacetylbenzene. A.I. Kamneva and others Neftekhimiia 2 no 4 536-540 Jl-Ag '62

BENZENE HEXACHLORIDE

Methods for preparing hexachlorancrolin emulsions for sheep-dips against scab. V.A. Chaldyk. Vest. sel'khoz. nauki [Kazakh.] 5 no.8:62-64 Jl '62.

Some aspects of the role of the nervous system in the process of treating infected wounds with hexachloran [in Armenian with summary in Russian] A.S. Avakian. Izv. Glav. upr. sel'khoz. nauk i podgot. kad. Arm SSR 5 no.7 109-115 '62.

BENZENEARSONIC ACID

Photometric determination of neptunium by means of thoron. E.G. Chudinov, G.N. IAkovlev. Radiokhimiia 4 no.3:375-377 '62

Stability of arsenazo complex compounds. A.F. Kuteinikov. Zav. lab. 28 no.10 1179-1182 '62.

BENZENETHIOL

Lactones and lactams Report No 23 Addition of thiophenol to N-alkenyl lactams F.P. Sidel'kovskaia and others. Izv. AN SSSR. Otd. khim. nauk no 9 1631-1636 S '62.

BENZIDINESULFONIC ACID

Polysulfophenylene quinones. A.A. Berlin, A.V. Ragimov, B.I. Liogon'kii Izv. AN SSSR Otd. khim. nauk no 10 1863-1865 O '62

BENZIMIDAZOLE

Effect of dibazole on phagocytosis and the function of the reticuloendothelial system [with summary in English]. A.M. Kapitanenko. Zhur. mikrobiol., epid. i immun 33 no.8:68-73 Ag '62.

Syntheses of some derivatives of 2-mercaptomethylbenzimidazole B.P. Fedorov, R.M. Mamedov. Izv. AN SSSR. Otd. khim. nauk no 9 1626-1630 S '62.

BENZOQUINONE

Complex compounds of germanium with chloranilic acid. V.A. Nazarenko, G.V. Fliamikova. Zhur. neorg. khim. 7 no.10:2335-2339 O '62.

Polysulfophenylene quinones. A.A. Berlin, A.V. Ragimov, B.I. Liogon'kii Izv. AN SSSR Otd. khim. nauk no 10 1863-1865 O '62

BENZOTHIAZOLE

Cyanine dyes from 6,7-dihydro-4,5-benzobenzthiazole and 4,5-dihydro-6,7-benzobenzthiazole. E.D. Sych, L.P. Umanskaia. Ukr. khim. zhur. 28 no.6:714-718 '62.

Isomeric nitro-2-methylbenzothiazoles and cyanine dyes derived from them. E.D. Sych, Zh.N. Belaia. Ukr. khim. zhur. 28 no.3:362-367 '62.

Synthesis of quaternary salts of 2-β-phenoxypropenylbenzothiazole and some of their reactions. S.A. Khaifets, N.N. Sveshnikov, N.A. Damir. Zhur. VKHO 7 no.5: 582-583 '62.

BENZOTHIAZOLE—SPECTRA

Spectrophotometric determination of 2,2'-dibenzothiazole disulfide. IA.A. Gurvich, T.V. Aristova, V.P. Kostikova. Zhur. VKHO 7 no.5:560 '62.

BENZOYL CHLORIDE

Structure and reactivity of hydrazine derivatives Part 3 Kinetics of the reaction between ortho-derivatives of benzohydrazide and benzoyl chloride in a benzene solution. A.P. Grekov, M.S. Marakhova. Ukr. khim. zhur. 28 no.5:632-637 '62.

BERCE, AUGUSTS, 1890-1921

Lidace, E. [The unbending; life of revolutionist Augusts Berce] Luzt, bet nelokties...; revolucionara Augusta Berces dzives stasts Riga, Latvijas Valsts izdevnieciba, 1961. 168 p. [In Latvian]

BEREZHKOV, ROSTISLAV PETROVICH, 1891-1961

In memory of Rostislav Petrovich Berezhkov (1891-1961). A.V. Kovalenok, B.G. Ioganzen. Ent. obozr. 41 no.3:699-703 '62.

BEREZOVO REGION—HYDROCARBONS

Distribution of heavy hydrocarbons in dense (clayey) rocks. P.A. Levshunov. Geol. i geofiz. no.9:122-124 '62.

BERING SEA—DEEP-SEA DEPOSITS

New data on recent sediments in the Bering Sea. D.E. Gershanovich. Trudy VNIRO 46:128-164 '62.

BERING SEA—OCEANOGRAPHY

Water exchange of the Bering Sea; generalization and analysis of published data. A.F. Plakhotnik. Trudy VNIRO 46:185-189 '62.

BERING SEA—SUBMARINE GEOLOGY

Relief and recent sediments of the Bering Sea shelf. D.E. Gershanovich. Trudy VNIRO 46:164-185 '62.

BERLIN—POLITICS AND GOVERNMENT

Willy Brandt, the scoundrel. Oleksa Nosenko. Ukraina no.21:25 N '62.

BERLIN—RADIOBROADCASTING

In the espionage jungles of West Berlin. Emil Eshonnak. Sov. pech. no.10,59 O '62.

BERLIN—TELEVISION STATIONS

A.I. Mikoian in the Berlin Television Studio. Sov. rad. i tel. 6 no.5 10 '57.

BERNAL, JOHN DESMOND, 1901-

John Desmond Bernal Mir ekon i mezhdunar. otn no 11 136-137 N '62

BERRIES

Berries in the school garden plot. L.S. Kondakova. Izv. Vor. gos. ped. inst. 38 31-42 '61.

Shapiro, D.K., and M.M. Golomshtok. [Harvesting, storing, and simple methods for processing fruit and berries] Uborka, khranenie i prosteishaia pererabotka plodov i iagod Minsk, Izd-vo Akad. sel'khoz. nauk BSSR, 1960. 55 p. (DNAL)

BERRIES—VARIETIES see subdivision under Kazakhstan

BERTRANDITE see subdivision under Transbaikalia

BERYLLIUM ARSENATE

Bearsite, an arsenic analogue of moraesite. E.V. Kopchenova, G.A. Sidorenko Zap. Vses. min. ob-va 91 no 4 442-446 '62

BERYLLIUM BRONZE—TESTING

Phenomena of anomalous stress relaxation in beryllium bronze. V.IA. Zubov, S.V. Grachev. Fiz. met. i metalloved. 14 no.4 602-607 O '62.

BERYLLIUM-COPPER ALLOYS see Copper-Beryllium alloys

BESSARABIA—EDUCATION, ELEMENTARY

History of elementary public education in Bessarabia. P.I. Popruzhnaia. Dokl. APN no.3:61-66 '62.

BET-PAK-DALA—COCCIDIOSIS

Coccidia in wolves. S.K. Svanbaev Trudy Inst. zool. AN Kazakh. SSR 16:207-208 '62.

BET-PAK-DALA—GRANITE

Intrusives of alkali (riebeckite) granites in Bet-Pak-Dala (central Kazakhstan). S.V. Efremova. Izv. AN SSSR Ser. geol. no.10:33-45 O '62.

BET-PAK-DALA—PARASITES—WOLVES

Coccidia in wolves. S.K. Svanbaev. Trudy Inst. zool. AN Kazakh. SSR 16:207-208 '62.

BETA RAYS

Asymmetry of β-radiation from some nuclei polarized in an alloy containing iron [with summary in English]. A.V. Kogan and others. Zhur. eksp. i teor. fiz. 43 no.3:828-830 '62

Determination of the hafnium oxide content of a mixture of zirconium and hafnium oxides based on the measurement of the intensity of beta rays. R.S. Lauer, N.S. Poluektov. Khim. prom. [Ukr.] no.1:76-79 Ja-Mr '62.

BETA RAYS—DECAY

Dzhelepov, B.S., and G.F. Dranitsyna. [Systematics of β-decay energies] Sistematika energii β-raspada. [Leningrad] Izd-vo Akad. nauk SSSR, 1960. 57 p. (Svoistva atomnykh iader) (NJP)

Nguyen Van Kh'eu. [Renormalization of the axial constant of β-decay] O perenormirovke aksial'noi konstanty β-raspada. Dubna, Ob'edinennyi in-t iadernykh issl., 1962. 5 p. [With summary in English]

BIANKI, VITALII VALENTINOVICH, 1894-

Grodenskii, G. [Vitalii Bianki; a critical and biographical study] Vitalii Bianki; kritiko-biograficheskii ocherk. Moskva, Detgiz, 1954 47 p. (IEN)

BIBLE—CRITICISM, INTERPRETATION, ETC.

Vain manoeuvers of the bible advocates. I. Kryvelev. Nauka i rel. 4 no.11:20-24 N '62.

What are the "Holy Scriptures?" V. Kolobkov. Votov, ateist no.10:44-49 O '62.

BIBLIOGRAPHY

[Book chronicle] Knizh. let. nos. 44-45 '62.

Brief news. Sov. bibl. no.4:119-122 '62.

Effectiveness of using "minor forms" of the Leningrad Public Library's bibliographical aids in public libraries. N.V. Aseeva. Trudy [Len.] publ. bibl. 10:33-46 '62.

"General bibliographies of foreign countries" by G.G. Krichevskii. Reviewed by L.V. Kaminer. Sov. bibl. no.4:75-77 '62.

[New books] Nov. knigi nos. 46-48 N '62.

New books and articles. Fiz. v shkole 22 no.4:104-106 Jl-Ag '62.

[New literature on science and research abroad] Nov. lit. o nauke i nauch.-issl. rab. za rub. nos. 6-7 '62.

[New Soviet literature on science and general research in the U.S.S.R.] Nov. sov. lit. o nauke i nauch.-issl. rab. v SSSR nos. 6-8 '62.

Our bookshelf. Blok. agit. [Bel.] no.4:40 F '60.

Soiuzkniga, Vsesoiuznoe ob"edinenie knizhnoi torgovli. [Catalog of books available at the "Soiuzkniga" wholesale warehouses] Katalog knig, imeiushchikhsia na optovykh bazakh "Soiuzknigi." Moskva.
No. 2. [Sociopolitical and socioeconomic literature] Obshchestvenno-politicheskaia i sotsial'no-ekonomicheskaia literatura. 1962. 286 p.

Works of the Leningrad Public Library in foreign library and bibliographical publications from 1955 to 1961. T. I. Skriptsina. Trudy [Len.] publ. bibl. 10,47-56 '62.

BIBLIOGRAPHY—ABSTRACTING AND INDEXING SERVICES

Teplov, D.IU. [Bibliography of abstracting services; a lecture in the "General Bibliography" course for students studying by correspondence] Referativnaia bibliografiia, lektsiia po kursu "Obshchaia bibliografiia" dlia studentov zaochnogo otdeleniia. Leningrad, Leningr. gos. bibliotechnyi in-t im. N. K. Krupskoi, 1960. 28 p.

BIBLIOGRAPHY—AFRICA

[New Soviet and foreign literature on the countries of the non-Soviet East] Nov. sov. i inostr. lit. po stranam zarub. Vost. nos. 6-7 '62.

BIBLIOGRAPHY—AGRICULTURAL MACHINERY

New books. Tekh. v sel'khoz. 22 no. 8:19 Ag '62.

New books. Tekh. v sel'khoz. 22 no. 8:02 Ag '62.

BIBLIOGRAPHY—AGRICULTURE

Books sent to the editor for comment. Agrobiologiia no. 3 477-479 My-Je '62.

[Information bulletin of new foreign books, received by the Lenin Library. Series 2: Biological, Medical, and Agricultural Sciences] Inform. biul. nov. inostr. knig, postup. v Bibl im. V. I. Len. Ser. 2: Biol., med. i sel'khoz. nauki nos. 30-31 O-N '62.

New books. Zemledelie 24 no. 9:3 of cover S '62

BIBLIOGRAPHY—AGRICULTURE—ACCOUNTING

New books. Uchet i fin. v kolkhoz. i sovkhoz. 19 no. 9 63-64 S '62

BIBLIOGRAPHY—AGRICULTURE—ECONOMIC ASPECTS

Books ready for the press. Uchet i fin. v kolkhoz. i sovkhoz. 19 no. 10:60 O '62.

New books. Uchet i fin. v kolkhoz. i sovkhoz. 19 no. 9 63-64 S '62

New books on economics and accounting in agriculture. Uchet i fin. v kolkhoz i sovkhoz. 19 no. 10,23 O '62

What to read about reducing the cost of agricultural production. Z. N. Deeva. Vest. sel'khoz. naukt [Kazakh.] 5 no. 9:105-107 S '62

BIBLIOGRAPHY—ANATOMY, HUMAN

Isaev, P. O. [Bibliography of Soviet literature on human anatomy] Bibliografiia otechestvennoi literatury po anatomii cheloveka. Moskva, Medgiz, 1962. 270 p.

BIBLIOGRAPHY—ARCHAEOLOGY

[New foreign literature on history, archaeology, and ethnography] Nov. inostr. lit. po ist., arkheol. i etn. nos. 6-7/8 '62.

[New Soviet literature on history, archaeology, and ethnography] Nov. sov. lit. po ist., arkheol. i etn. nos. 6-7 '62.

BIBLIOGRAPHY—ARMENIA—ZOOLOGY

Zoological Institute of the Academy of Sciences of the Armenian S. S. R. and the 40th anniversary of the establishment of Soviet rule in Armenia. A. A. Chilingarian, S. M. Khnzorian. Zool. zhur. no. 12:5-40 '62.

BIBLIOGRAPHY—ARMENIAN LITERATURE

"Armenian bibliology from the 5th to the 18th century" by A. S. Anasian. Vol. 1. Reviewed by G. V. Abgarian. Vop. ist. no. 10:144-146 O '62.

BIBLIOGRAPHY—ART, KIRGHIZ

Frunze. Gosudarstvennaia publichnaia biblioteka Kirgizskoi SSR. Bibliograficheskii otdel. [Second ten-day festival of Kirghiz art and literature in Moscow, October 14-25, 1958; bibliography] Vtoraia dekada kirgizskogo iskusstva i literatury v Moskve, 14-25 oktiabria 1958 g.; bibliograficheskii ukazatel'. Frunze, 1959. 115 p.
(MH)

BIBLIOGRAPHY—ASIA

[New Soviet and foreign literature on the countries of the non-Soviet East] Nov. sov. i inostr. lit. po stranam zarub. Vost. nos. 6-7 '62.

BIBLIOGRAPHY—ATHEISM

Bibliographic news. Nauka i rel. no. 5:95 My '62.

BIBLIOGRAPHY—BIBLIOGRAPHY

Moscow. Publichnaia biblioteka. [Cumulative index of bibliographic lists and card files compiled by Soviet Union libraries in 1961; humanities, belles lettres, art] Svodnyi ukazatel' bibliograficheskikh spiskov i kartochek, sostavlennykh bibliotekami Sovetskogo Soiuza v 1961 godu; obshchestvennye nauki, khudozhestvennaia literatura, iskusstvo. Moskva, 1962. 87 p.

BIBLIOGRAPHY—BIOLOGY

[Information bulletin of new foreign books, received by the Lenin Library. Series 2: Biological, Medical, and Agricultural Sciences] Inform. biul. nov. inostr. knig, postup. v Bibl. im. V. I. Len. Ser. 2 Biol., med. i sel'khoz. nauki nos 30-31 O-N '62.

BIBLIOGRAPHY—BOATBUILDING

Small-craft building. Sudostroenie 28 no. 9:77 S '62.

BIBLIOGRAPHY—BUILDING

Publications of the Bureau of Technical Information of the Research Institute for the Organization, Mechanization, and Technical Assistance to Construction of the Academy of Construction and Architecture of the U. S. S. R. Biul. stroi. tekh. 19 no. 9,3 of cover S '62.

BIBLIOGRAPHY—BULGARIA

[New literature on Bulgaria] Nov. lit. po Bolg. nos. 5/6-8 '62

BIBLIOGRAPHY—CHEMISTRY

[Chemistry; classed index of articles in foreign periodicals] Khim.; sist. uk. st. v inostr. zhur. no. 0 '62.

New books. Khim. v shkole 17 no. 4 96 Jl-Ag '62.

BIBLIOGRAPHY—CHINA

"History of bibliography in China" by Yao Ming-ta. Reviewed by A. M. Kalgorodov. Sov. bibl. no. 4 117-118 '62.

BIBLIOGRAPHY—CHINA—HISTORY

"Catalogue of translations from the Chinese dynastic histories for the period 220-960" [in English] by H. H. Frankel. Reviewed by Z. G. Lapina. Nar. Az. i Afr. no. 5 209-210 '62.

BIBLIOGRAPHY—CLASSICAL PHILOLOGY

Studies in the field of ancient history, philology, and archaeology published in foreign periodicals. Vest. drev. ist. no. 3 198-201 '62.

BIBLIOGRAPHY—COAL MINES AND MINING

New books. Ugol' 37 no. 10 62-63 O '62.

New books. Ugol' Ukr. 6 no. 10,46-47 O '62

New literature. Ugol' 37 no. 11:63 N '62.

BIBLIOGRAPHY—COLLECTIVE FARMS

Collectivization of agriculture in the present-day historical and economic studies of Soviet scholars. M. I. Bogdenko, I. E. Zelenin. Ist. SSSR 6 no. 4:133-151 Jl-Ag '62.

BIBLIOGRAPHY—COMMUNICABLE DISEASES

Soviet literature on the problems of microbiology, immunology, infectious diseases and epidemiology for the first quarter of 1960. M. L. Vil'shanskaia. Zhur. mikrobiol., epid. i immun. 33 no. 4:113-153 Ap '62

BIBLIOGRAPHY—COMMUNISM

Bibliographies on the history of the international workers' and communist movement. V. M. Alekseev, M. I. Pshedetskii. Sov. bibl. no. 4. 18-27 '62.

BIBLIOGRAPHY—CONSTRUCTION EQUIPMENT

From the pages of magazines. Stroi. i dor. mash. 7 no. 8:39-40 S '62.

BIBLIOGRAPHY—CONSTRUCTION INDUSTRY

New books. Stil', bud. 12 no. 10:24 O '62.

New literature on construction. Biul. stroi. tekh. 19 no. 9:48 S '62.

New literature on construction. Biul. stroi. tekh. 19 no. 10:46-48 O '62.

BIBLIOGRAPHY—CZECHOSLOVAKIA

[New literature on Czechoslovakia] Nov. lit. po Chekh. nos. 5-6 '62.

BIBLIOGRAPHY—DICKENS, CHARLES, 1812-1870

Moscow. Vsesoiuznaia gosudarstvennaia biblioteka inostrannoi literatury. [Charles Dickens; bibliography of Russian translations and literary criticism in the Russian language, 1838-1960] Charl'z Dikkens; bibliografiia russkikh perevodov i kriticheskoi literatury na russkom iazyke, 1838-1960. Moskva, Izd-vo Vses. knizhnoi palaty, 1962. 326 p.

BIBLIOGRAPHY—DIESEL LOCOMOTIVES

New book on electric and diesel traction. Elek. i tepl. tiaga 6 no. 9:48 S '62.

BIBLIOGRAPHY—ECONOMIC HISTORY

Arkhipova, M. K. [Literature and bibliography of contemporary international relations, political and economic situation of foreign countries; a textbook for students of the correspondence course "Bibliography of the sociopolitical literature"] Literatura i bibliografiia o sovremennykh mezhdunarodnykh otnosheniiakh, politicheskom i ekonomicheskom polozhenii zarubezhnykh stran; uchebnoe posobie dlia studentov zaochnogo otdeleniia po kursu "Bibliografiia obshchestvenno-politicheskoi literatury." Leningrad, Leningr. gos. bibliotechnyi in-t im. N. K. Krupskoi, 1961. 68 p.

BIBLIOGRAPHY—ECONOMICS

New foreign economic literature] Nov. inostr. ekon. lit. nos. 6-7 '62.

[New Soviet economic literature] Nov. sov. ekon. lit. nos. 22-24 '62

BIBLIOGRAPHY—EDUCATION

New books. Shkola-int. no. 5:94-95 S-O '62

To be published by the Publishing House of the Academy of Pedagogical Sciences of the R. S. F. S. R. Semia i shkola 17 no. 10:43 O '62.

BIBLIOGRAPHY—ELECTRIC RAILROADS

New book on electric and diesel traction. Elek. i tepl. tiaga 6 no. 9:48 S '62.

BIBLIOGRAPHY—ELECTRICITY ON SHIPS

Electric equipment of ships. Sudostroenie 28 no. 9-25 S '62

BIBLIOGRAPHY—ELECTRONIC APPARATUS AND APPLIANCES

List of literature on problems concerning system reliability for 1961. A. L. Raifin. Aviats. i telem. 23 no. 9: 1270-1275 S '62.

BIBLIOGRAPHY—ELECTRONICS

[Annotated bibliography on electronics] Annot. ukaz. lit. po radioelek. 16 nos. 1-15, 17-20 '60.

BIBLIOGRAPHY—ENGINEERING

"Engineering and sports knowledge for youth; a bibliographical aid for groups and clubs of the All-Union Volunteer Society for Assistance to the Army, Air Force, and Navy." Reviewed by E. I. Kaplan. Sov. bibl. no. 4:87-88 '62

"Engineering for all; a bibliography" by S. A. Krutchkovskii. Reviewed by O. N. Levshina. Sov. bibl. no. 4:86-87 '62.

BIBLIOGRAPHY—ETHNOLOGY

[New foreign literature on history, archaeology, and ethnography] Nov. inostr. lit. po ist., arkheol. i etn. nos. 6-7/8 '62.

[New Soviet literature on history, archaeology, and ethnography] Nov. sov. lit. po ist., arkheol. i etn. nos. 6-7 '62.

BIBLIOGRAPHY—FORESTS AND FORESTRY

New books. Les. khoz. 15 no. 6:01 Je '62

BIBLIOGRAPHY—FOUNDING

New books on founding. Lit. proizv. no. 10:3 of cover. O '62.

BIBLIOGRAPHY—GENETICS

Bibliographic index of works by the members of the I. V. Michurin Central Genetic Laboratory published in 1957-1960. Trudy TSGL 7,315-324 '61.

BIBLIOGRAPHY—GEOLOGY

Literature on geology received by the library of the Department of Geological and Geographical Sciences of the U. S. S. R. during July 1962. Izv. AN SSSR Ser. geol. no. 10,106-120 O '62.

BIBLIOGRAPHY—GEOPHYSICS

[Bibliography of the IGY World Data Center B1] Bibl. ukaz. Mir. tsentra dan. MGG B1 no. 5 pts. 2-5 '61.

BIBLIOGRAPHY—GERMANIC PHILOLOGY

Bibliographical materials on Germanic philology in periodical literature. G. G. Pocheptsov. Sov. bibl. no. 4:79-84 '62.

BIBLIOGRAPHY—HERBICIDES

Use of herbicides in Kazakhstan; an annotated bibliography for 1954-1962. P. N. Glazkov. Vest. sel'khoz. nauki [Kazakh.] 5 no. 8:92-97 Jl '62.

BIBLIOGRAPHY—HISTORY

Foreign reviews of Soviet historical studies. Vop. ist. no. 10,200-202 O '62.

Historical articles published in socialist countries. Vop. ist. no. 10:178-179 O '62.

Historical studies published in Soviet periodicals. Vop. ist. no. 10:155-158 O '62.

List of doctoral dissertations defended in 1961. Vop. ist. no. 10:159-160 O '62.

New books. Vop. ist. no. 10:153-155 O '62.

[New foreign literature on history, archaeology, and ethnography] Nov. inostr. lit. po ist., arkheol. i etn. nos. 6-7/8 '62.

[New Soviet literature on history, archaeology, and ethnography] Nov. sov. lit. po ist., arkheol. i etn. nos. 6-7 '62.

BIBLIOGRAPHY—HISTORY, ANCIENT

Studies in the field of ancient history, philology, and archaeology published in foreign periodicals. Vest. drev. ist. no. 3:198-201 '62.

BIBLIOGRAPHY—HISTORY, MODERN

Annotations. Nov. i noveish. ist. no. 5:160-162 '62.

Books, articles, and source materials on modern and recent history published in 1961 in the U. S. S. R. Nov. i noveish. ist. no. 4:184-186 '62.

Books, source materials, and articles in the field of modern and recent history published in the U. S. S. R. in 1961 (continuation). Nov. i noveish. ist. no. 5:160-171 '62.

BIBLIOGRAPHY—IMMUNOLOGY

Soviet literature on the problems of microbiology, immunology, infectious diseases and epidemiology, for the first quarter of 1960. M. L. Vil'shanskaia. Zhur. mikrobiol., epid. i immun. 33 no. 1 143-153 Ap '62

BIBLIOGRAPHY—INSTRUMENTS

From periodicals. Izm. tekh. no. 10:61 O '62

New books. Priborostroenie no. 10 3 of cover O '62.

BIBLIOGRAPHY—INTERNATIONAL RELATIONS

Arkhipova, M. K. [Literature and bibliography of contemporary international relations, political and economic situation of foreign countries, a textbook for students of the correspondence course "Bibliography of the sociopolitical literature"] Literatura i bibliografiia o sovremennykh mezhdunarodnykh otnoshe-niiakh, politicheskom i ekonomicheskom polozhenii zarubezhnykh stran, uchebnoe posobie dlia studentov zaochnogo otdeleniia po kursu "Bibliografiia obshchestvenno-politicheskoi literatury." Leningrad, Leningr. gos. bibliotechnyi in-t im. N. K. Krupskoi, 1962. 68 p.

"International relations, a bibliography, 1945-1960" Reviewed by I. O. Mir ekon. i mezhdunar. otn. no. 11 154 N '62

BIBLIOGRAPHY—IRKUTSK—HISTORY

Irkutsk. Oblastnaia biblioteka. [Three hundredth anniversary of Irkutsk, short bibliographic guide] Irkutsku 300 let, kratkii rekomendatel'nyi ukazatel' literatury. Irkutsk, 1961. 20 p.

BIBLIOGRAPHY—IRKUTSK PROVINCE

[What to read on Irkutsk Province, list of literature] Chto chitat' ob Irkutskoi oblasti; ukazatel' literatury [Irkutsk] Irkutskoe knizhnoe izd-vo, 1958. 51 p.
[PHOTOCOPY]

BIBLIOGRAPHY—ISOTOPES

For scientific workers and physicians, books from the State Publishing House for Works on Atomic Energy Vest. AMN SSSR 17 no. 5 151 '62

BIBLIOGRAPHY—ITALY—HISTORY

Italian historical bibliography. I. I. Frolova. Vop. ist. no. 10, 204-205 O '62.

BIBLIOGRAPHY—KULEBAKIN, VIKTOR SERGEEVICH, 1891-

Akademiia nauk SSSR. Viktor Sergeevich Kulebakin. Izd. 2., dop. Vstup. stat'ia K. S. Bobova. Bibliografiia sostavlena A. P. Epifanovoi. Moskva, 1961. 57 p. (Materialy k biobibliografii uchenykh SSSR. Seriia tekhnicheskikh nauk. Energetika, no. 4)

BIBLIOGRAPHY—KRASNOYARSK TERRITORY

Krasnoyarsk. Kraevaia biblioteka. [What to read on Krasnoyarsk Territory, recommended bibliography] Chto chitat' o Krasnoiarskom krae, rekomendatel'nyi ukazatel' literatury. [Krasnoiarsk] Krasnoiarskoe knizhnoe izd-vo, 1961. 1961. 125 p.
(St-H)

BIBLIOGRAPHY—LABOR AND LABORING CLASSES

Selected bibliography on the problems of labor and wages. Biul. nauch. inform. i trud i zar. plata 5 no. 9, 78-79 '62.

BIBLIOGRAPHY—LANGUAGE AND LANGUAGES

[New foreign literature on linguistics] Nov. inostr. lit. po iaz. nos. 6/7-8 '62.

[New Soviet literature in linguistics] Nov. sov. lit. po iaz. nos. 6-7/8 '62.

BIBLIOGRAPHY—LENIN, VLADIMIR IL'ICH, 1870-1924

Political education of young pupils in children's libraries; using memoir literature about V. I. Lenin in work with young school children. I. N. Timofeeva. Trudy [Len.] publ. bibl. 10:69-74 '62.

BIBLIOGRAPHY—LITERATURE

[Information bulletin of new foreign books, received by the Lenin Library. Series 3. Social sciences, belles-lettres, art] Inform. biul. nov. inostr. knig, postup. v Bibl. im. V. I. Len. Ser. 3: Obshchestv. nauki, khud. lit., isk. no. 30 O '62.

BIBLIOGRAPHY—LITERATURE—HISTORY AND CRITICISM

[New foreign literature on the study of literature] Nov. inostr. lit. po lit. no. 8 '62.

[New Soviet literature on the study of literature] Nov. sov. lit. po lit. nos. 6-7 '62.

BIBLIOGRAPHY—LITHUANIAN LITERATURE

[Catalog of literature: Literature, art, music] Grozine literatura, katalogas: Literatura, Daile, Muzika, 1940-1960. Vilnius, Valstybine grozines literaturos leidykla, 1961. 476 p. [In Lithuanian]

BIBLIOGRAPHY—LOMONOSOV, MIKHAIL VASIL'EVICH, 1711-1765

M. V. Lomonosov and books. M. I. Slukhovskii. Sov. bibl. no. 4:44-60 '62.

BIBLIOGRAPHY—LUMINESCENCE

Boguslavskii, IA. M., and S. I. Vasilov. [Bibliographic handbook on luminescent analysis in medicine and biology] Bibliograficheskii spravochnik literatury po liuminestsentnomu analizu v meditsine i biologii; s 1947 g. po iiun' 1961 g. Chita, Chitinskii gos. med. in-t, 1961. 66 p.
[MICROFILM]

BIBLIOGRAPHY—LUNGS—SURGERY

New books. Grud. khir. no. 1:2 of cover Jl-Ag '62.

BIBLIOGRAPHY—MACHINERY INDUSTRY

New books. Mashinostroitel' no. 10 48 O '62

BIBLIOGRAPHY—MAPS

Bibliography. Geod. i kart. no. 9:78-80 S '62

BIBLIOGRAPHY—MARINE ENGINEERING

Design and operation of marine engines and boilers Sudostroenie 28 no. 9 25 S '62

Technology of shipbuilding and marine engineering Sudostroenie 28 no. 9 59 S '62

BIBLIOGRAPHY—MECHANICAL ENGINEERING

Books, dissertations, periodicals Stan. i instr. 33 no. 10, 43-45 O '62

New books. Vest. mashinostr. 42 no. 10:87-89 O '62.

Review of foreign periodicals. Vest. mashinostr. 42 no. 10, 89-92 O '62.

BIBLIOGRAPHY—MEDICAL GEOGRAPHY

General problems in medical geography, a short index of the literature in Russian. A. P. Markovin. Mat. Kom. med. geog. Geog. ob-va SSSR pt. 1 11-57 '61.

BIBLIOGRAPHY—MEDICINE

Annotation of dissertations presented at the S. M. Kirov Military Medical Academy of the Order of Lenin in 1960. Voen.-med. zhur. no. 9 91-96 S '61

Books from the World Health Organization. Biul. eksp. biol. i med. 53 no. 6 2 and 4 of cover Je '62.

Bookshelf. Zhur. mikrobiol., epid. i immun. 33 no. 4 4 of cover Ap '62.

[Information bulletin of new foreign books, received by the Lenin Library. Series 2 Biological, Medical, and Agricultural Sciences] Inform. biul. nov. inostr. knig, postup. v Bibl. im. V. I. Len. Ser. 2: Biol., med. i sel'-khoz. nauki nos. 30-31 O-N '62.

State Publishing House for Medical Literature is preparing these books for 1963 publication Sov. zdrav. 21 no. 10 3-4 of cover '62

BIBLIOGRAPHY—MENSURATION

New books. Priborostroenie no. 10:3 of cover O '62.

BIBLIOGRAPHY—METALS

New books. Metalloved. i term. obr. met. no. 10 64-65 O '62.

BIBLIOGRAPHY—MICROBIOLOGY

Soviet literature on the problems of microbiology, immunology, infectious diseases and epidemiology for the first quarter of 1960. M. L. Vil'shanskaia. Zhur. mikrobiol., epid. i immun. 33 no. 4:113-153 Ap '62

BIBLIOGRAPHY—MILITARY ART AND SCIENCE

They are guarding the peace S. Borzunov. Voen. znan. 38 no. 10 39 O '62

BIBLIOGRAPHY—MILKING

"Herringbone" and "carrousel." Vest. sel'khoz. nauki [Kazakh.] 5 no. 10:87-88 O '62.

BIBLIOGRAPHY—MOHAMMEDAN COUNTRIES

"Introduction to the history of the Mohammedan Orient, bibliographic elements" [in French] by J. Sauvaget. Reviewed by P. A. Griaznevich. Nar. Az. i Afr. no. 5: 189-192 '62.

BIBLIOGRAPHY—MOTION-PICTURE PHOTOGRAPHY

Filming and projecting of motion pictures. Tekh. kino i telev. 6 no. 9 81-83 S '62.

BIBLIOGRAPHY—MOTION-PICTURE PHOTOGRAPHY—FILMS

Motion-picture film and its photographic processing. Tekh. kino i telev. 6 no. 9:88-90 S '62.

BIBLIOGRAPHY—MOTION-PICTURE PROJECTION

Filming and projection of motion pictures. Tekh. kino i telev. 6 no. 9:81-83 S '62.

BIBLIOGRAPHY—MOTOR VEHICLES

New books. Avt. prom. 28 no. 9:46-47 S '62

BIBLIOGRAPHY—MUNICIPAL ENGINEERING

New books. Zhil.-kom. khoz. 12 no. 3:36 Mr '62.

BIBLIOGRAPHY—MUNICIPAL SERVICES

New books. Gor. khoz. Mosk. 36 no. 9:44 S '62.

BIBLIOGRAPHY—NONFERROUS METALS

New technical publications. TSvet. met. 35 no. 10:94-96 O '62.

BIBLIOGRAPHY—PERM PROVINCE

"Perm Province; an annotated bibliography." Reviewed by T. O. Velikanova. Sov. bibl. no. 4:73-75 '62.

BIBLIOGRAPHY—PHILOSOPHY

[New foreign literature on philosophy] Nov. inostr. lit. po filos. nos. 5-7 '62.

New philosophical studies. Vop. filos. 16 no. 10, 173-177 '62.

[New Soviet literature on philosophy] Nov. sov. lit. po filos. nos. 7-8 '62.

BIBLIOGRAPHY—PHYSICS—STUDY AND TEACHING

For the new school year. A. V. Chebotareva, M. A. Bugrova. Fiz. v shkole 22 no. 4 107-109 Jl-Ag '62.

BIBLIOGRAPHY—PLANTS—TRANSPIRATION

TSvetkova, N. N., comp. [Transpiration and its role in the life of plants, bibliographic index for 1926-1958] Transpiratsiia i ee znachenie v zhizni rastenii; bibliograficheskii ukazatel', 1926-1958. Pod red. F. D. Skazkina. Leningrad, Akad. nauk SSSR, 1962. 158 p.

BIBLIOGRAPHY—POLAND

[New literature on Poland] Nov. lit. po Pol'. nos. 6/7-8 '62.

BIBLIOGRAPHY—PUBLIC HEALTH

Bookshelf. Zdorov'e 8 no. 11:20 N '62.

BIBLIOGRAPHY—RAILROADS

[Literature on railroad transportation] Lit. po zhel. dor. transp. 12 no. 10 '60, 13 no. 10 '61.
[MICROFILM]

BIBLIOGRAPHY—ROCKETS (AERONAUTICS)

Study the literature on rocket engineering. Voen. vest. 42 no. 10 125-126 O '62

BIBLIOGRAPHY—ROLLING (METALWORK)

Aleksandr Petrovich Chekmarev. Trudy Inst. chern. met. AN URSR 17 I-XXIII '62.

BIBLIOGRAPHY—RUSSIA—FOREIGN RELATIONS

Egorov, IU. V. [Peaceful coexistence and the struggle for universal peace (a manual for students of the program of the CPSU), recommended index of literature.] Mirnoe sosushchestvovanie i bor'ba za vsebshchii mir (v pomoshch' izuchaiushchim Programmu KPSS); rekomendatel'nyi ukazatel literatury. Leningrad, Publichnaia biblioteka, 1962. 62 p.

BIBLIOGRAPHY—RUSSIA—HISTORY, MILITARY

Studies on the history of wars and military art. Voen.-ist. zhur. 4 no. 10:122-124 O '62.

BIBLIOGRAPHY—RUSSIA—REVOLUTION, 1917-1921

"The Great October Socialist Revolution; bibliography of published source materials." Reviewed by I. A. Chemenitskii. Ist. SSSR 6 no. 4:167-168 Jl-Ag '62

BIBLIOGRAPHY—RUSSIAN LITERATURE

Promoting Soviet belles lettres in bibliographies of recent years. V. M. Akimov. Trudy [Len.] publ. bibl. 10:113-126 '62.

BIBLIOGRAPHY—RUSSIAN NEWSPAPERS

[Chronicle of periodical publications of the U. S. S. R., 1955-1960] Letopis' periodicheskikh izdanii SSSR, 1955-1960 gg., organ gosudarstvennoi bibliografii SSSR v dvukh chastiakh. Moskva, Izd-vo Vses. knizhnoi palaty.
Pt. 2. [Newspapers] Gazety. 1962. 670 p.

Moscow. Institut marksizma-leninizma. ["Pravda" in the years 1912-1914, 1917; bibliography] Pravda, 1912-1914, 1917 gg., bibliograficheskii ukazatel'. Moskva, Gospolitizdat, 1962. 101 p.
(CSt-H)

Sazonov, I. S. [On the 50th anniversary of Lenin's "Pravda", concise list of literature on "Pravda" for 1912-1914 and 1917] K 50-letiiu leninskoi gazety "Pravda", kratkii spisok literatury o "Pravde" 1912-1914 i 1917 gg. Leningrad, Gos. Publichnaia biblioteka, 1962, 23 p.

BIBLIOGRAPHY—RUSSIAN STUDIES

Brief review of new publications devoted to the Soviet Union. R. A. Zybenko. Mat. i soob. Issl. otd. Inst. po izuch. SSSR no. 32/33:72-74 F-Mr '62.

Brief review of new publications devoted to the Soviet Union. R. A. Zybenko. Mat. i soob. Issl. otd. Inst. po izuch. SSSR no. 35/36:87-98 My-Je '62.

BIBLIOGRAPHY—SCIENCE

[Information bulletin of new foreign books, received by the Lenin Library. Series 1: Physical, mathematical, chemical, geological, and geographical sciences; technology and technological sciences] Inform. biul. nov. inostr. knig, postup. v Bibl. im. V. I. Len. Ser. 1: Fiz.-mat., khim. i geol.-geog. nauki; tekh. i tekh. nauki 7 nos. 30-31 O-N '62.

New books. Vest. AN SSSR 32 no. 10:120-126 O '62.

BIBLIOGRAPHY—SHEVCHENKO, TARAS, 1814-1861

Bibliography of works on the language employed by T. H. Shevchenko. S. IA. Skliar. Movoznavstvo 17:124-126 '62.

BIBLIOGRAPHY—SHIP HANDLING

Design and operation of vessels. Sudostroenie 28 no. 9 16-25 S '62.

BIBLIOGRAPHY—SHIPBUILDING

Design and operation of vessels. Sudostroenie 28 no. 9 16-25 S '62.

Technology of shipbuilding and marine engineering. Sudostroenie 28 no. 9.59 S '62.

BIBLIOGRAPHY—SOCIAL SCIENCES

[Information bulletin of new foreign books, received by the Lenin Library Series 3; Social sciences, belles-lettres, art] Inform. biul. nov. inostr. knig, postup v Bibl. im. V. I. Len. Ser. 3 Obshchestv. nauki, khud. lit., tsk. no. 30 O '62

BIBLIOGRAPHY—SOCIOLOGY

Akademiia nauk SSSR, Institut filosofii. Sovetskaia sotsiologicheskaia literatura za 1960-1962 gg., bibliografiia. Sociology in the USSR, bibliography, 1960-1962. Moskva, 1962. 238 p.

BIBLIOGRAPHY—SOILS

Bibliography Pochvovedenie no. 7 118-126 Jl '62.

BIBLIOGRAPHY—SOUND—RECORDING AND REPRODUCING

Sound recording and reproducing Tekh. kino i telev. 6 no. 9, 86-88 S '62.

BIBLIOGRAPHY—SPORTS

"Engineering and sports knowledge for youth, a bibliographical aid for groups and clubs of the All-Union Volunteer Society for Assistance to the Army, Air Force, and Navy." Reviewed by E. I. Kaplan Sov. bibl. no. 4 87-88 '62.

BIBLIOGRAPHY—SURGERY

Dissertations on surgery and problems in related specialties defended during 1956-1960, part two, continuation. A. I. Nesterenko, M. I. Kamenskaia. Vest. khir. 89 no. 8 151-157 Ag '62.

BIBLIOGRAPHY—SURVEYING

Bibliography. Geod. i kart. no. 9 78-80 S '62.

BIBLIOGRAPHY—TECHNOLOGY

Editorial office of the literature on general technical sciences Vest. vys. shkoly 20 no. 10 86 O '62

[Information bulletin of new foreign books, received by the Lenin Library. Series 1 Physical, mathematical, chemical, geological, and geographical sciences, technology and technological sciences] Inform. biul. nov. inostr. knig, postup. v Bibl. im. V. I. Len. Ser. 1. Fiz.-mat., khim., i geol.-geog. nauki, tekh. i tekh. nauki 7 nos. 30-31 O-N '62.

Province libraries aid technical progress S. M. Smirnova. Sov. bibl. no. 4 65-73 '62.

BIBLIOGRAPHY—TELEVISION

Television. Tekh. kino i telev. 6 no. 9, 84-86 S '62.

BIBLIOGRAPHY—TRAFFIC SAFETY

New books. O. Chirkin. Za bezop. dvizh. 5 no. 6 14-15 Je '62.

BIBLIOGRAPHY—UKRAINE—AGRICULTURE

Defense of dissertations. Pyt. ekon. sil'. hosp. URSR no. 4 193-197 '61.

Publications of the institute. Pyt. ekon. sil' hosp. URSR no. 4 197-199 '61.

BIBLIOGRAPHY—UKRAINIAN LANGUAGE—STYLE

Bibliography of works on the language employed by T. H. Shevchenko. S. IA. Skliar. Movoznavstvo 17 124-126 '62.

BIBLIOGRAPHY—UKRAINIAN LITERATURE

"A bibliographical dictionary of Ukrainian writers." Vol. 1. Reviewed by I. U. Budovnits. Ist. SSSR 6 no. 4 178-181 Jl-Ag '62.

Brief book reviews. Sov. Ukr. no. 9 186-191 S '62.

New works on the bibliography of the sociological and political literature published in the Ukraine. S. V. Sorokovskaia. Sov. bibl. no. 4 61-64 '62.

BIBLIOGRAPHY—UZBEKISTAN

Tashkent, Gosudarstvennaia publichnaia biblioteka. [Uzbekistan, 1959, a bibliography] Uzbekistan, 1959 g., bibliograficheskii ukazatel' literatury. Tashkent, Gos. izd-vo Uzbekskoi SSR, 1961. 623 p.

BIBLIOGRAPHY—VETERINARY MEDICINE

Bibliography of the scientific and popular scientific works on veterinary medicine published by the coworkers of the Veterinary Research Institute of the Academy of Agricultural Sciences of White Russian S. S. R. during 1956-1959. Trudy NIVI 1 338-346 '60

BIBLIOGRAPHY—WAGES

New books. Sots. trud 7 no. 10 157-159 O '62.

Selected bibliography on the problems of labor and wages. Biul. nauch. inform.: trud i zar. plata 5 no. 9 78-79 '62.

BIBLIOGRAPHY—WELDING

Foreign publications on welding. Svar. proizv. no 10, 48 O '62.

Soviet publications on welding. Svar. proizv no 10 47-48 O '62.

BIBLIOGRAPHY—WOOD WASTE

Moscow TSentral'naia nauchno-tekhnicheskaia biblioteka lesnoi i bumazhnoi promyshlennosti. [Utilization of the wastes of the lumbering, sawmill and woodworking industries, bibliographic index of foreign literature for the period from 1955 to 1961] Ispol'zovanie otkhodov lesozagotovitel'noi, lesopil'noi i derevoobrabatyvaiushchei promyshlennosti; bibliograficheskii ukazatel' inostrannoi literatury za 1955-1961 gg. Moskva, GOSINTI, 1962. 53 p.

BIBLIOGRAPHY—WORLD POLITICS

"International relations, a bibliography, 1945-1960." Reviewed by I. O. Mir ekon. i mezhdunar. otn. no. 11 151 N '62

BIBLIOGRAPHY (THEORY, METHODS, ETC.)

Discussion of the problems of work in the field of bibliography and library science. III. V. Grigor'ev. Sov. bibl. no. 4 101-106 '62.

In the bibliographical section. Z. I. Bradkina, A. A. Sanfirova Sov. bibl. no. 4 106-107 '62.

Methods of annotating sociological and political literature. IU. V. Egorov. Trudy [Len.] publ. bibl. 10 89-100 '62

Methods of compiling the bibliographical aids "Besedy o knigakh." E. E. Naidich Trudy [Len.] publ. bibl. 10: 101-112 '62.

The object of bibliographical science. I. E. Barenbaum Sov. bibl. no. 4 31-33 '62.

BIBLIOGRAPHY (THEORY, METHODS, ETC.)—CONGRESSES

Thirteenth Conference of Directors of Book Chambers V. N. Frantskevich. Sov. bibl. no. 4 96-98 '62.

BICYCLE RACING

Chasing the leader. Smena 30 no. 20 28-29 O '62.

BIG BUSINESS

Monopolistic bourgeoisie and the Provisional Government. P. V. Volbuev. Trudy LOII AN SSSR. no. 1 240-272 '62

Russian-Asiatic Bank and the I. Stakheev Concern. T. M. Kitanina. Trudy LOII AN SSSR. no. 4 408-430 '62.

BILE DUCTS—DISEASES

Clinical aspects, diagnosis and treatment of angiocholecystitis in children [with summary in English] N. G. Zernov, T. A. Samorukova. Pediatriia no. 8 12-18 '62

BINARY STARS see Stars, Double

BINDING MATERIALS

Economics of using the new types of binding materials for briquetting coal fines I. V. Semenov, V. P. Dacydov Ugol' 37 no. 10 37-38 O '62

Gypsum-cement binding materials based on non-calcined gypsum G. I. Knigina, L. G. Timofeeva Stroi. mat. 8 no. 9 18-19 S '62.

Thermochemical processes taking place during the heating of belite slime. A. S. Brodko Khim. prom. [Ukr.] no. 1 43-45 Ja-Mr '62.

BINGADY REGION—PALEONTOLOGY

"Quaternary fauna of Bingady" by R. D. Dzhafarov. IA. I. Gamrulov. Priroda 51 no. 10 125-126 O '62.

BIOCHEMISTRY

Bioorganic chemistry. IU. A. Zhdanov. Priroda 51 no. 10 17-51 O '62.

"Polymers, cell, and life" by N. V. Lysogorov, V. S. Tongur. Reviewed by V. I. Korogodin. Nauka i zhizn' 29 no. 6 74 Je '62.

Problems of and ways for introducing contemporary biochemistry into medical science and practice. A. M. Utevskii. Vrach. delo no. 10 3-11 O '62.

BIOCHEMISTRY—ABSTRACTS

[Chemistry: Biological chemistry] Ref. zhur.: Khim.; biol. khim. nos. 20-21 O-N '62.

BIOCHEMISTRY—CONGRESSES

Biokhimicheskaia konferentsiia Pribaltiiskikh respublik i Belorussii 1st, Tartu, 1960. [Transactions of the First Biochemical Conference of Baltic Republics and White Russia] Trudy. Tartu, Tartuskii gos. unov. ESSR, 1961. 507 p.

.Mfi

International Congress of Biochemistry, 5th, Moscow, 1961. [Transactions of the Fifth International Congress of Biochemistry] Trudy. Moscow, Izd-vo Akad. nauk SSSR.

Vol. 4. [Evolutionary biochemistry, symposium No. 3] Evoliutsionnaia biokhimiia; simpozium III. 1962. 350 p.

International Congress of Biochemistry 5th, Moscow, 1961. [Transactions of the Fifth International Congress of Biochemistry] Trudy. Moskva. Izd-vo Akad. nauk SSSR.

Vol. 11 [Sectional reports; sections 14-28] Referaty sektsionnykh soobshchenii; sektsii 14 - 28. 1962. 581 p.

BIOLOGY

Berg, L. S. [Selected works] Izbrannye trudy. Moskva, Izd-vo Akad. nauk SSSR.

Vol. 5. [General biology, biogeography and paleoichthyology] Obshchaia biologiia biogeografiia i paleoikhtiologiia. 1962. 513 p.

Discussion at the general meeting of the Department of Medicobiological Sciences. Vest. AMN SSSR 17 no. 5 116-117 '62.

Discussion on the scientific reports at the general meeting of the Department of Medicobiological Sciences of the Academy of Medical Sciences of the U. S. S. R. Vest. AMN SSSR 17 no. 5, 130-135 '62.

Work of the Bureau of the Department of Medicobiological Sciences for 1960-1961 and the problems of the scientific research institutes of the Department in the light of the resolutions of the 22d Congress of the CPSU N. A. Krasevskii. Vest. AMN SSSR 17 no. 5 128-130 '62.

BIOLOGY—ABSTRACTS

[Biology] Ref. zhur. Biol. nos. 21-22 N '62

BIOLOGY—BIBLIOGRAPHY see Bibliography—Biology

BIOLOGY—STUDY AND TEACHING

Russia (1917- R.S.F.S.R.) Ministerstvo prosveshcheniia [Programs of the eight-year school, biology] Programmy vos'miletnei shkoly; biologiia. Moskva, Uchpedgiz, 1962. 60 p.

Russia (1917- R.S.F.S.R.) Ministerstvo prosveshcheniia [Secondary school programs for the 1962-1963 school year, biology] Programmy srednei shkoly na 1962/63 uchebnyi god, biologiia. Moskva, Uchpedgiz, 1962 21 p

BIOMECHANICS see Human engineering

BIOMETRY

Some quantitative indices of variability in populations F. A. Turdakov. Izv. AN Kir. SSR, Ser. biol. nauk 4 no. 1 15-18 '62.

BIOPHYSICS—EXPERIMENTS

Teaching physics and the experimental work of students. N. S. Antropova. Fiz. v shkole 22 no. 4 35-38 Jl-Ag '62.

BIOS

Changes in the bios content at the time of callus and root formation during the stratification of grapevine treated with growth promoting substances. D. TS. Tadov. Agrobiologiia no. 3 443-445 My-Je '62.

BIOSYNTHESIS

Nucleic acids and the problem of protein biosynthesis. A. N. Belozerskii. Vest. AN SSSR 32 no. 10 26-35 O '62.

BIPYRIDINE

New compounds of trivalent thallium halides with 3, 3'- and 4, 4'-dipyridyl. F. IA. Kul'ba, V. E. Mironov, L. P. Rozhanovskaia. Zhur. neorg. khim. 7 no. 10 2320-2322 O '62.

BIRCH

(see also subdivision under Kostroma Province)

Diuretic action of birch buds. K. V. Drake. Trudy Khab. med. inst. no. 20 212-218 '60.

BIRCH—DISEASES AND PESTS

The moth Lencodonta bicoloria Schiff as a pest of birch forests. P. M. Rasopov. Les. khoz. 15 no. 6 61-62 Je '62.

BIRDS

(see also subdivision under Chatyr-Kul', Lake, Chu Valley, Son-Kul', Lake)

Birds of the forest zone. Report No. 1. Birds of pine, spruce, and hardwood forests in the subzone of mixed forests and southern taiga [with summary in English]. T. A. Toropanova, N. P. Dubinin. Biul. MOIP. Otd. biol. 67 no. 5 50-60 S-O '62.

BIRDS—FOOD see subdivision under Arctic regions

BIRDS—MIGRATION

(see also subdivision under Caucasus)

Winged navigators. A. Emme. Ilin tekh. 7 no. 10, 64-68 O '62.

BIRDS OF PARADISE

"Children of the rainbow." Vokrug sveta no. 9 45 S '62.

BIRZAI DISTRICT—HEPATITIS, INFECTIOUS

Outbreak of infectious hepatitis (Botkin's disease) in the Birzai District and some problems in the epidemiology of this disease. Report No. 1; The role of viral carriage as a source of infection [with summary in English]. M. M. Seinbergas. Zhur. mikrobiol., epid. i immun. 33 no. 4 105-110 Ap '62.

BISMUTH

Quantum oscillations of the quasi-static conductivity of bismuth in a magnetic field. E. P. Vol'skii. Zhur. eksp. i teor. fiz. 43 no. 3 1120-1122 '62.

BISMUTH—ISOTOPES

Preparation of long-lived Bi210. N. B. Abel'skaia and others. Radiokhimiia 4 no. 3 377-378 '62.

BISMUTH CHLORIDES

Discoloration by bismuth oxychloride of colored plant extracts intended for ascorbic acid determination in them. D. I. Bal'tsev. Vop. pit. 21 no. 3 81-83 My-Je '62.

BISMUTH COMPOUNDS

Use of biokhinol in atherosclerosis. N. N. Cheprakov. Voen.-med. zhur. no. 9 81 S '61.

BITTERFELD, GERMANY—ALUMINUM INDUSTRY

Innovators of Bitterfeld are advancing. R. Doering. Nauka i zhizn' 29 no. 6 61-63 Je '62.

BITUMEN
(see also subdivision under Glasar Range)
Electrokinetic properties of granite and the adherence of bitumens A V Bernshtein, V I Barzam Avt dor 25 no 10 15-16 O '62

BITUMEN—ANALYSIS
Bitumen feature of organic matter in cores from the northern part of the Atlantic Ocean as revealed by luminescence studies [with summary in English] N M Vikhrenko Trudy Inst okean 56 32-56 '62

BITUMINOUS MATERIALS—TESTING
New method for determining the disintegration rate of bitumen emulsions S. V Egorov, IA V Natanzon Avt dor 25 no 10 10-11 O '62

BLACK EARTH see Chernozem soils

BLACK FLIES
Character of the infestation of agricultural animals by black flies (family Simuliidae) G F Dem'ianchenko Trudy NIVI 1 105-109 '60
Experimental study of the toxicity of the saliva from black flies (family Simuliidae) on colts and lambs G F Dem'ianchenko Trudy NIVI 1 116-131 '60

BLACK SAND see subdivision under Caucasus

BLACK SEA—DIATOMS, FOSSIL
A new species of the genus Stephanodiscus Ehr. from the bottom sediments of the Black Sea, A.I. Proshkina-Lavrenko Bot. mat. Otd. spor. rast. 15:19-21 Ja '62.

BLACK SEA—DOLPHINS
A case of albinism in the Black Sea dolphin Delphinus delphis ponticus Barabasch, 1936, S.L. Delamure, E.V. Alekseev, Biul. MOIP. Otd. biol. 67 no. 4:141-143 Jl-Ag '62.

BLACK SEA—MOLLUSKS, FOSSIL
Ontogenetic development of the hinge in some species of bivalve mollusks of the Black Sea L A. Nevesskaia Paleont zhur. no 2 49-70 '62

BLACK SEA LOWLAND—BENTONITE
Bentonite in Lower Sarmatian sediments of the Black Sea trough. N.N. Karlov, M.F. Nosovskii. Sov. geol. 5 no. 10:126-131 O '62.

BLACK SEA REGION—ADULT EDUCATION
From the editor's mail. Agitator no. 23:57-59 D '62.

BLACK SEA REGION—CITRUS FRUITS
Relation between the frost resistance of citrus plants and the intensity of winter insolation. V.A. Mirimanian. Bot. zhur. 47 no. 8:1160-1169 Ag '62.

BLACK SEA REGION—MOISTURE
Relationship between the moisture content and precipitation [with summary in English]. L.K. Smekalova. Vest. LGU 17 no. 18:120-124 '62.

BLACK SEA REGION—PRECIPITATION (METEOROLOGY)
Relationship between the moisture content and precipitation [with summary in English]. L.K. Smekalova. Vest. LGU 17 no. 18:120-124 '62.

BLADES
Analyzing the durable static strength of the herringbone-type locking piece of gas-turbine blades. A.N. Grubin. Probl. prochn. v mashinostr. no. 9:97-129 '62.

BLAGODARNENSKIY DISTRICT—COLLECTIVE FARMS—ACCOUNTING
It is not the personnel's size, but skill that counts I M Kuzema Uchet i fin. v kolkhoz. i sovkhoz. 19 no 10:18-20 O '62

BLAGOEV, DIMITUR 1855?-1924

Increasing the durability of blast furnace hearths and hearth bottoms N I. Vasil'chenko. Metallurg 7 no. 11:30-31 N '62
Outflow of slag through the regenerator into a counter-flow of gas. S. V. Shavrin, I. N. Zakharov, B V. Ipatov Izv. vys. ucheb. zav. ,chern. met. 5 no. 9:51-65 '62

BLAST FURNACES—EQUIPMENT AND SUPPLIES
Chernov, N. N., M. A. Tylkin, and I. L. Kordabnev. [Blast furnace charging equipment] Zasypnye ustroistva domennykh pechei. Moskva, Metallurgizdat, 1962. 239 p.

BLAST FURNACES—MAINTENANCE AND REPAIR
"Repair of blast furnaces" by A P Gora, A. A. Zil'berman Reviewed by N.K Leonidov, V V Dan'shin. Stal' 22 no 10 890-891 O '62

BLASTING
(see also subdivision under Georgia)
Baring of coal seams by means of shock blasting using electric delay detonators and divided charges. V. I. Stikachev. Trudy MakNII 10 251-270 '60.
Blasting method of coal mining without the presence of miners in the Kizel Basin coal mines B V. Rozov, K G Sinopal'nikov, P. A Saldin. Ugol' 37 no. 10 6-9 O '62
Determining the possibility of applying short-delay blasting in seams subjected to coal and gas outbursts. I. I. Popov. Trudy MakNII 10 296-302 '60.
Development of thin steeply dipping coal seams without the use of stope supports. O. V. Kolokolov Ugol' 37 no 10 53-58 O '62.
Effect of partial drawing from the face zone on the output of large-size pieces of ore in breaking "under compression" M D Fugzan Gor zhur. no 11 25-30 N '62.
Ibragev, Sh. I. [Boring and blasting operations in mines; (during drifting)] Burovzryvnye raboty na rudnikakh (pri prokhodke vyrabotok). Alma-Ata, Kazakhskoe gos. izd-vo, 1962. 183 p.
Improving mechanized charging of blastholes. I.A. Ostroushko and others. Izv. vys. ucheb. zav.; gor. zhur. no. 9 92-96 '61.
Khanukaev, A. N. [Energy of stress waves in breaking rocks by blasting] Energiia voln napriazhenii pri razrushenii porod vzryvom. Moskva, Gosgortekhizdat, 1962. 199 p.
Possible mechanism of gas entrapment by rocks during blasting operations. A.E. Sokolov, V.V. Mar'enkov, A.P. Khadzaragov. Izv. vys. ucheb. zav., tsvet. met. 5 no. 5:3-6 '62.
Safety of short-delay blasting and results of its application in coal mines. M. L. Rosinskii. Trudy MakNII 10:271-295 '60.
Use of the short-delay blasting method for driving inclines. M. K. Bal'kin, D. T. Kovalev. Ugol' 37 no. 11 18-20 N '62.
World's records set by Donets drifters E. E. Nil'va. Gor zhur. no. 10, 27-30 O '62

BLASTING—COSTS
Determination of the economic efficiency of the coefficient of use of boreholes G. F. Sidorov Gor. zhur no 11 11-14 N '62

BLASTING—EQUIPMENT AND SUPPLIES
New methane explosionproof electric detonator. N. L. Rosinskii, N. D. Alovain, P. I. Penkin. Trudy MakNII 10 232-235 '60.

BLASTING—SAFETY MEASURES
Effect of the diameter of the charge on the blasting safety in gas and dust hazardous mines. P. A. Paramonov. Trudy MakNII 10:236-250 '60.
New safety measures in blasting operations. F. M. Ga- Trudy MakNII 10:177-231 '60.

...ade from a mixture of cotton and ...
L. A. Gotovtseva and others.
...NITI 25:145-153 '61.

...m of the stabilizers of hydrogen ...
...ons and its practical application.
Moryganov, L. A. Komandakova.
...ekh. tekst. prom. no. 4:76-83 '62.
...ontinuous alkali-peroxide bleach-
...Gotovtseva and others. Nauch. -
...:154-162 '61.

...the products of confectionery ...
...refinery shops. A. K. Khasanov,
...vys. ucheb. zav.; pishch. tekh.

...eroxide bleaching of fabrics.
...Ezhova. Nauch. -issl. trudy
61.

...s for the bleaching of cotton fabrics.
...Gotovtseva, L. A. Rybkina.
...NITI 25:124-144 '61.

...rhage

...°C.

...the Blind, its goals and objectives.
..., 23 no. 10:40-41 O '62.

BLIND LANDING see Ground controlled approach

BLOOD—ANALYSIS AND CHEMISTRY
Biochemical and hematological indices of the blood in young pigs fed vitamin-enriched forage biomycin. L. I. Lysenkova. Visnyk sil'hosp. nauky 5 no. 9, 116-118 S '62.
Methods for determining the carboxyhemoglobin in the blood for mass studies. B. A. Sobochuk and others. Vrach. delo no. 10:112-115 O '62.
Some changes in the blood of laboratory animals poisoned by staphylococcus enterotoxin. O H. Ostashevskyi, I. I. Kotenko. Visnyk sil'hosp. nauky 5 no. 9 123 S '62

BLOOD—CIRCULATION
Influence of burns on hemodynamics and respiration in animals with radiation sickness A A Zor'kin Voen-med zhur no. 9 27-30 S '61.
Some characteristics of the change in the coronary blood circulation in craniocerebral hypothermia. Iu. A. Gogin. Nauch. dokl. vys. shkoly, biol. nauki no. 4:64-70 '62.

BLOOD—CIRCULATION, ARTIFICIAL
Effect of neuroplegic substances on chemoreception [with summary in English]. Iu. I. Vikhliaev. Uch. zap. Inst. farm. i khimiotер. AMN SSSR 2:111-120 '60.
Use of the artificial circulation method in traumatology [with summary in English]. P. A. Kupriianov and others. Vest. khir. 89 no. 8, 3-8 Ag '62.

BLOOD—COAGULATION
Anticoagulation system of the blood in complications in hypertension [with summary in English]. K. G. Urbaniuk. Vrach. delo no. 10:26-31 O '62.
State of blood coagulation and fibrinolysis in the diagnosis of thrombosis and hemorrhages in surgical interventions on the heart [with summary in English]. S. A. Kolesnikov, E. P. Stepanian. Grud. khir. no. 4:39-43 Jl-Ag '62.

BLOOD—DISEASES
Grozdov, D. M., and M. D. Patsiora. [Surgery in diseases of the blood system] Khirurgiia zabolevanii sistemy krovi. Moskva, Medgiz, 1962. 274 p. (DNLM)
Prospects for using sulfhydryl compounds in the prevention and treatment of methemoglobinemia. Vest. AMN SSSR 17 no. 7:47-51 '62.

BLOOD—EXAMINATION
Changes in some indices of the function of external respiration and blood circulation in rabbits during the formation of postvaccinal immunity to tuberculosis. K. A. Pimenova. Izuch. roli nerv. sist. v pat., immun. i lech. tub. no. 2:281-287 '61.
Data from morphological and histochemical studies of the bone marrow and peripheral blood of schizophrenics. D. L. Burtianskii. Trudy Gos. nauch. -issl. inst. psikh. 27:162-166 '61.
Effect of various concentrations of radon on the peripheral blood in animals. O. Iu. Volkova, A. D. Tashinskaia, M. S. Kagan. Uch. zap. Pyat. gos. nauch. -issl. bal'n inst. 3:3-15 '60.
Influence of chlortetracycline on the morphological composition of the blood. N. A. Tikhonova. Voen -med. zhur no. 9:82-83 S '61.

BLOOD—OXYGEN CONTENT
Effect of streptomycin on the oxygen content in the arterial blood of healthy rabbits. T. I. Zlatkina, G. S. Kan, K. A. Pimenova. K izuch. roli nerv. sist. v pat., immun. i lech. tub. no. 2:327-330 '61.

BLOOD—TRANSFUSION
Effect of tuberculosis infected blood from an animal donor on the functional state of the chemoreceptors of the small intestine in a healthy animal recipient. I. E. Gabor. K izuch. roli nerv. sist. v pat., immun. i lech. tub. no. 2:23-30 '61.
Mechanism of the action of intra-arterial infusions of blood and medicinal substances in asphyxia; experimental study. E. P. Bich. Zdrav. Bel. 8 no. 5:28-29 My '62.
Study of the mechanism of the pathogenic therapeutic action of streptomycin. Report No. 2: The effect of streptomycin on posttransfusion shock. G. S. Kan. K izuch. roli nerv. sist. v pat., immun. i lech. tub. no. 2:345-348 '61.

BLOOD, GASES IN
Analysis of blood gases in artificial hypothermia [with summary in English]. K. V. Ostashkov, N. N. Rasstrigin, L. P. Chepkii. Khirurgiia no. 9:37-44 '62.

BLOOD AS FOOD OR MEDICINE
Subcutaneous administration of heterogenic blood to animals following acute bloodletting. I. D. Gal'kevich. Trudy NIVI 1:240-244 '60.
Use of heterogenic donors' blood in gastroenteritis and bronchopneumonias in calves and young pigs. P. Z. Potapenko. Trudy NIVI 1:245-248 '60.

BLOOD GROUPS
Blood group antigens in ontogenesis [with summary in English]. P. N. Kosiakov, L. N. Murav'eva. Biul. eksp. biol. i med. 53 no. 6:52-55 Je '62.

BLOOD PLATELETS
Clinical aspects of hemorrhagic thrombocythemia. L.I Zhukovskii. Vrach. delo no.10 111-142 O '62
Thrombocytes. G.A.Alekseev. Zdorov'e 8 no.11:9-10 N '62.

BLOOD PRESSURE
(see also subdivision under Khabarovsk)
Comparison of the electrokymographic changes with the anatomical and with the pressure in the left auricle and pulmonary artery in mitral stenosis [with summary in English]. IU.I Akimov, V.D Fedorov. Grud. khir. no. 4:51-58 Jl-Ag '62.

BLOOD PRESSURE, HIGH see Hypertension

BLOOD PROTEINS
Change in the protein fractions of the blood serum in chronic infectious hepatitis under the influence of compound treatment at Zheleznovodsk health resort. IU.S. Vishnevskaia. Uch. zap. Pyat. gos. nauch.-issl. balneol. inst. 3:132-136 '60.
Clinical and immunobiochemical parallels in typhoid-paratyphoid patients. Report No.1 Effect of the severity of the course, the type of pathogen and the age factor on the protein composition of the blood serum of typhoid-paratyphoid patients. S.E. Shapiro and others. Trudy Khab. med. inst. no 20 38-42 '60.
Clinical and immunobiochemical parallels in typhoid-paratyphoid patients. Report No.2 Effect of antibiotic therapy on the protein composition of the blood serum and Widal's reaction, and the interrelation between Widal's reaction and the individual blood serum protein fractions. A.A. Konstantinov and others. Trudy Khab. med. inst. no 20:43-48 '60
Electrophoretic study of the protein composition of the blood serum in endemic goiter. N.I Makarevich, A.P. Krasil'nikova. Trudy Khab. med. inst. no.20:141-146 '60.

BLOOD SUGAR
Blood sugar in gastric cancer patients [with summary in English]. P.A. Pavlenko, V.D. Krivoruchko, N.B. Krymskaia. Sov. med. 26 no.8:63-67 Ag '62.
Dynamic change in the blood sugar content in schizophrenics during the combined action of insulin and adrenaline. G.P. Baklanov. Trudy Gos. nauch.-issl. inst. psikh 27:112-119 '61.

BLOOD VESSELS—DISEASES
Single-stage parallel plethysmography in obliterating lesions of the vessels of the lower extremities [with summary in English]. O.S. Kushakovskii. Sov. med. 26 no.8:28-32 Ag '62.

BLOOD VESSELS—PERMEABILITY
Action of Japanese elecampane on vascular permeability. V.I. Kirfutina. Trudy Khab. med. inst. no.20:207-211 '60.

BLOOD VESSELS—RADIOGRAPHY see Angiography

BOARDING SCHOOLS
(see also subdivision under Virgin Territory)
In a sunny house A. Zhukova. Ogonek 10 no.25:8-9 Je '62.
In the search for an efficient schedule. A. Kondratenkov, E. Popova. Shkola-int. no.5 45-50 S-O '62.
Let's raise the new educational institution to an exemplary level. Shkola-int. no.5 2-5 S-O '62.
We believe in strict adherence to a schedule. F. Nozhenkin. Shkola-int. no.5:81-83 S-O '62.
Weekly educational plan in a school with longer hours. E. Kostiashkin. Shkola-int. no.5:74-80 S-O '62.

BOATBUILDING—BIBLIOGRAPHY see Bibliography—Boatbuilding

BOCHVAR, ANDREI ANATOL'EVICH, 1902-
Andrei Anatol'evich Bochvar' on his 60th birthday. Izv. AN SSSR. Otd. tekh. nauk. Met. i topl. no.5:3-5 S-O '62.

BODY, HUMAN see Anatomy, Human

BODY FLUIDS
Nature of testicular hyaluronidase inhibitors in some biological fluids of the body [with summary in English]. G.M. Belen'kaia, A.I. Gladshtein. Zhur. mikrobiol., epid. i immun. 33 no.8:42-46 Ag '62.

BODY TEMPERATURE—REGULATION
Temperature effect on gas exchange and the bioelectric activity of the brain and muscles of man during muscular work. L.A. Isaakian, R.P. Ol'nianskaia, G.A. Trubitsyna. Dokl. AN SSSR 146 no.3:728-730 S '62.

BOHEMIA—HISTORY
Cosmas of Prague, [Czech chronicle] Cheshskaia khronika. Vstup. stat'ia, perevod i kommentarii G.E. Sanchuka. Moskva, Izd-vo Akad. nauk SSSR, 1962. 295 p. (Pamiatniki srednevekovoi istorii narodov TSentral'noi i Vostochnoi Evropy)

BOILERS
Generalizing about the experience of foundries with casting parts of heating boilers. V.N. Bekhalov, IU.V. Pindiurin, O.I. Vaisman. Sbor. trud. NIIST no.10. 99-125 '62.

Layout for the automation of an once-through-type boiler operating in a block with a 200 Mw. turbogenerator. G.V. Malevinskii. Energetik 10 no.8:9-10 Ag '62.
The PK-33-835P boiler unit. Energetik 10 no.8:38-40 Ag '62.
Study of the operation of a boiler unit of the OPI-DIIT system. A.N. Bukhantsev, V.V. Tishchenko, M.I Shepelkha. Izv. vys. ucheb. zav., energ. 5 no.9:122-125 S '62.

BOILERS—AIR PREHEATING
Optimum dimension of the open grate area for the passage of air and gases in the regenerative rotating air preheater. V.D. Degtiarev. Teploenergetika 9 no.11 45-47 N '62

BOILERS—DESIGN AND CONSTRUCTION
Simplified method of heat calculation in the multiple-stage burning of natural gas and liquid fuel A.A Shatil'. Teploenergetika 9 no.11 91-93 N '62.

BOILERS—FIRING
Automatic regulation of the firing of small capacity boilers. IU.G Bess Trudy KHIIT no.52 52-60 '61.
Koborchik, V.S [Experience in the automation of steam boilers fired with gas] Opyt avtomatizatsii parovykh kotlov, rabotaiushchikh na gazoobraznom toplive. Leningrad, 1962. 22 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy Obmen peredovym opytom. Serija Energetika, no.7)

BOILERS—INCRUSTATIONS
Studying the dissolving of boiler incrustations by means of complex-forming reagents. A P Mamet, F. F Vlasova Teploenergetika 9 no.11 69-74 N '62.

BOILERS, MARINE
FVK-2 electric fans in the boiler plant of the "Peking"-type tank vessel V.I Dain Sudostroenie 28 no.9 29-31 S '62
Golubchenko, A.I., and T.E. Epel'man. [Marine power plants] Sudovye silovye ustanovki. Leningrad, Sudpromgiz, 1962. 512 p.
Improving certain units and boiler water evaporator systems on ships of the type "Leninskii Komsomol," V. Kovalenko. Mor. flot 22 no.10:23-25 O '62.
Zakharov, A.M., and V.S. Markov. [Steam-power plants on river-going vessels and an increase in the efficiency of their operation] Parosilovye ustanovki rechnykh sudov i povyshenie effektivnosti ikh raboty. Moskva, Izd-vo "Rechnoi transport," 1961. 207 p.

BOLBOCHAN, PETRO, 1883-1919
Martos, Borys. [Oskilko and Bolbochan; reminiscences] Oskilko i Bolbochan; spohady. Munich, Vyd-vo Petro Balei, 1958. 62 p.
(IU)

BOLIARSKII, NIKOLAI NIKOLAEVICH, 1878-
Life and activities of Nikolai Nikolaevich Boliarskii. V.A. Boliarskaia. Vest. khir. 89 no.8 101-105 Ag '62.

BOLIVIA—SOCIAL CONDITIONS
The fighting spirit of the workers. Jose Rodrigo. Vsem. prof. dvizh. no.8/9 23-25 Ag-S '62.

BOLIVIA—TRADE UNIONS—CONGRESSES
The fighting spirit of the workers. Jose Rodrigo. Vsem. prof. dvizh. no.8/9,23-25 Ag-S '62.

BOLOKHOVO DISTRICT—MEDICINE, RURAL
Work experience of the Teplinskii Rural District Hospital. V.A. Badakva. Sov. med. 26 no.8:147-149 Ag '62.

BOLSHEVISM see Communism

BOMBARDMENT WITH PARTICLES see Collisions (Nuclear physics)

BOMBING, AERIAL
Commander makes a decision. D. Goldyrev. Av. i kosm. 45 no.10:43-47 '62.
On ground target. A Osmachek and others. Av. i kosm 45 no 6.45-49 '62

BONDARCHUK, SERGEI FEDOROVICH, 1920-
Khaniutin, IU.M. Sergei Bondarchuk. Moskva, Iskusstvo, 1962. 179 p. (Masters kinoiskusstva)
(MH)

BONDS, CHEMICAL see Chemical bonds

BONE CARVING see subdivision under Kislovodsk

BONE GRAFTING
Clinical use of embryonic bone heterografts preserved in paraffin [with summary in English]. K.M. Liubtayn. Vest. khir. 89 no.8:34-38 Ag '62.
Current status of bone homoplasty of defects of the cranial vault, a survey of the Soviet and foreign literature. K.G. Anosova. Vest. khir. 89 no.8:86-92 Ag '62.
Osteoplasty in the surgical treatment of palatal defects. N.G. Vasil'eva. Trudy Nauch.-issl. inst. stom. no.10: 45-50 '62.

BONES
Some characteristics of the structure of the skull and the caudal skeleton in char of the genus Salvelinus. IU.S. Reshetnikov, K.A. Savvaitova. Vop. ikht. 2 no 3:133-140 '62.

BONUS SYSTEM
Bonus system in mineral fertilizer plants. V. Dol'nik, G. Veselova. Sots. trud 7 no.8 100-106 Ag '62.
Concept and practical application of the bonus system of pay. G.V. Mutsinov. Vest. Mosk un. Ser. 10 Pravo 17 no.4 15-23 Jl-S '62.
Improve the economic stimulation for the creation and use of modern technology. P. Vasil'ev, I. Vakhlamov. Sots. trud 7 no.8:40-47 Ag '62.
Letter to the editor G.IA Burshtein Ugol' 37 no 10 63-64 O '62
More on paying bonuses to workers. S. Gurevich. Sots. trud 7 no.10 119-123 O '62.
We are discussing the article "For the further improvement of the bonus system in industry." Sots. trud 7 no.10:57-62 O '62.
We are for the bonus system for hourly workers. V. Rinkov. Sots. obesp. 23 no 10:45-46 O '62.
What we learned from the application of the bonus-piece-work wage system M. Mitrokhin. Sots. trud 7 no.8: 55-60 Ag '62.

BOOKBINDING
Production line for the production of signatures without sewing. B.N. Kapelkish. Poligr. proizv no 10 30 O '62
Production line in the bookbinding shop A.A Kolko Poligr. proizv no.10 28-30 O '62.

BOOKS—REVIEWS
New studies published outside the U.S.S.R. Mir. ekon. i mezhdunar. otn no 11 155-157 N '62.

BOOKS FOR CHILDREN see Children's literature

BOOKSELLERS AND BOOKSELLING see subdivision under Kiev

BOOT AND SHOE INDUSTRY see Shoe industry

BOOTS AND SHOES
Footwear made with polymer materials. L.D. Lifshits and others. Kozh.-obuv. prom. 4 no.10.17-19 O '62.

BOOTS AND SHOES—CLASSIFICATION
Classification of footwear. IU.I. Kavkazov. Standartizatsiia 26 no 10:32-36 O '62.

BOOTS AND SHOES—SPECIFICATIONS
Some particularities of size characteristics of the feet of Ukrainian women. O.V. Ivanova. Izv. vys. uchab. zav.; tekh. leg. prom. no. 5:103-107 '62.

BOOTS AND SHOES, FELT see subdivision under Leningrad Province

BOOTS AND SHOES, RUBBER
(see also subdivision under Leningrad)
Method of increasing the strength of thread joints of parts made with porous polymer materials. N. Kharambeim, A.G. Cheminova. Izv. vys. uchab. zav. tekh. leg. prom. no.4:95-102 '62.

BORA see subdivision under Armavir region

BORAX
Decomposition potentials of titanium, molybdenum, and tungsten oxides dissolved in fused borax. Shen'Shi-nan [Shen Chih-nang], V.A Oleinik, IU.K Delimarskii. Ukr. khim. zhur 28 no 5 600-604 '62

BORAZINE
Copolymerization of nitrogen-substituted borazoles with hexamethylene diisocyanate. V.V Korshak, V.A. Zamiatina, R.M Ogannesian. Izv. AN SSSR. Otd. khim. nauk no. 9:1669-1670 S '62.
Polycondensation of N-triphenylborazole with polyols. V.V. Korshak, V.A. Zamiatina, R.M Ogannesian. Izv AN SSSR. Otd khim nauk no 10.1850-1852 O '62.

BORDET, JULES, 1870-1961
In memory of an outstanding scientist. IU. Milenushkin. Zhur. mikrobiol., epid. i immun. 33 no.4:150 Ap '62.

BORING
(see also subdivision under Caspian Lowland; Donets Basin, Kuibyshev region; Noril'sk region)
Apparatus for keeping dust down in rod drilling. Sh.E. Chilashvili, M.E. Dregvadze. Sbor. reb. po stroiltk. no.3:55-58 '61
Deflection of diamond drill holes. V.E. Kopylov. Razved. i okh. nedr 28 no.6:21-24 Je '62.
Distribution of stresses under the teeth of a roller bit. S.M. Kuliev, A.M. Abdul-Zade, A.A. Shamsiev. Izv. AN Azerb. SSR. Ser. fiz.-mat. i tekh. nauk no.2:95-100 '62.
Drilling in the lower horizons of the earth's crust. I.I. Khanmurzin. Razved. i okh. nedr 28 no.6:50-53 Je '62.
Effect of the pressure of compressed air and the hardness of rocks on the rate of boring with sinker air drills. V.D. Legeza. Izv. vys. ucheb. zav.; gor. zhur. no.9:104-105 '61.

BORING (Continued)
Elemental analysis of drilling with a roller bit I V Makarov Gor zhur no 11 41-45 N '62
Further improvement of existing methods of prospecting drilling. F. A. Shamshev Razved. i okh. nedr 28 no 5, 32-34 My '62.
Ibraev, Sh.I. [Boring and blasting operations in mines, during drilling] Burovzryvnye raboty na rudnikakh(pri prokhodke vyrabotok) Alma-Ata, Kazakhskoe gos izd-vo, 1962 183 p.
Kaz'min, V.S [Handbook on geological exploratory drilling for oil and gas] Spravochnik po geologorazvedochnomu burentiu na neft' i gaz Moskva, Gostoptekhizdat, 1962. 506 p
Stresses developing under the cutters of bits in drilling. V. M. Trofimov. Izv. vys. uch. zav., geol. i razv. 5 no. 7. 120-124 Jl '62.
Theory of combination drilling. Iu. M. Parfiskii. Izv. vys. ucheb. zav., gor zhur. no. 9:106-111 '61.
Use of an electric arc for rock boring. A. V. Brichkin, A. V. Bolotov. Izv. vys. ucheb. zav., tavet. met. 5 no. 5:7-14 '62.

BORING—COSTS
Determination of the economic efficiency of the coefficient of use of boreholes G F Sidorov Gor zhur no 11 11-14 N '62

BORING—EQUIPMENT AND SUPPLIES
Mechanization of lowering and hoisting operations in the "Dneprogeologiia" Trust. G. I. Khazanov. Razved i okh. nedr 28 no. 5, 29-32 My '62.

BORING—LABOR PRODUCTIVITY
Outlook for working with more than one rig at the same time in drilling blastholes in underground workings Iu I Taranov, R M Maier, G V Sorokin Gor zhur no 11 7-10 N '62

BORING MACHINERY
Analytical studies of the vibrations of the shell of breaking and drilling hammers P M Alabuzhev, V I. Kopytov Izv vys. ucheb zav , gor zhur. 5 no 8 95-99 '62.
Drill breakdowns. A F. Tikhovidov. Gor zhur no 10 35-39 O '62
Drilling inclined holes with cable drilling rigs. I. A. Trusov, A. M. Fedorychev. Razved i okh nedr 28 no. 5:53-54 My '62.
Hard-faced cutter for drilling slim boreholes in hard rocks. N. I Evstratov. Gor zhur no 11 76 N '62
Long-stroke drill L. I. Starkov, A. V. Cherpillo. Gor zhur. no. 11.75-76 N '62.
Measures for keeping dust down more efficiently in wet drilling. G.S Varfolomeev, P. A. Kossov Shor. rab. po stilk. no 3 47-53 '61.
Nizovkin, G. A., and V. F. Kul'bitskii. [Mechanization of the engineering geology studies of the bad spots of the roadbed] Mekhanizatsiia inzhenerno-geologicheskikh obsledovanii bol'nykh mest zemlianogo polotna. Moskva, Transzheldorizdat, 1962. 24 p.
Photoelastic method of modeling the stress state of a drill and a rock. G. L Khesin and others Gor zhur. no 10:30-35 O '62.

BORING MACHINERY—ELECTRIC DRIVING
Problems in designing the drives for small-scale electrodrills I. P. Zherikhin, I. T. Talyshinskii Izv. vys. ucheb. zav., gor zhur 5 no. 8 126-132 '62.

BORING MACHINERY—EQUIPMENT AND SUPPLIES
"Sever-1" semiautomatic rod installer. V. I. Davydov. Ra ved. i okh. nedr 28 no. 5:54-56 My '62.
Universal device for freeing frozen pipes. V. P. Konevalov. Razved. i okh. nedr 28 no. 6:48-49 Je '62.

BORING MACHINERY—PNEUMATIC DRIVING
PPK-15m air-feed leg drill. D N Tyshchuk, V G. Bobichev. Gor zhur. no 11:74 N '62

BORING MACHINERY—TESTING
Industrial testing of new drilling rigs for open-pit mining. A P Shatilov. Gor. zhur. no 11 46-51 N '62
Testing moving slotted and screw pairs for wear I. A Begagoen Izv vys ucheb zav , gor zhur 5 no. 8 89-94 '62
Testing the experimental boring set in field conditions. I. F. IUsupov, F. I. Krotenko. Put' i put. khoz. 8 no. 10:44-45 O '62.
Universal stand for laboratory testing of rotary drills O D Alimov, L. T Dvornikov, N. S Kolodiazhnyi Izv vys ucheb. zav ; gor. zhur. 5 no 8 100-106 '62.

BORISPOL' DISTRICT—BUILDING
To build faster and build more dwellings. V Soloshenko Stil. bud. 12 no. 10:13 O '62.

BORODIN, SERGEI PETROVICH, 1902-
Millions read him. D. Polnin. Uzbekistan 21 no. 9:10 S '62.

BORODINO—HISTORICAL MUSEUMS
Borodino. Gosudarstvennyi Borodinskii voenno-istoricheskii muzei-zapovednik. [A guidebook to the Borodino Museum] Borodinskii muzei; putevoditel'. Moskva, Izd-vo 'Sovetskaia Rossiia," 1962. 78 p. Illus.

BORODINO, BATTLE OF, 1812
The battle on the 26th... V. Shevelev. Sov pech. no. 10 14-15 O '62.
Loyalty oath, 1812-1962. E. Fedorovskii. Vokrug sveta no. 9:14-17 S '62.
On the day of Borodino ... M. Alekseev. Ogonek 40 no 41 1 O '62
Russia (1923- U.S.S.R.) TSentral'nyi gosudarstvennyi voenno-istoricheskii arkhiv. [Borodino, documentary materials, letters, and reminiscences] Borodino, dokumenty, pis'ma, vospominaniia. Moskva, Izd-vo "Sovetskaia Rossiia," 1962. 411 p.

BORON
Quality of a surface layer subjected to ultrasonic saturation with boron A. I. Natchuk. Trudy Sem. po kach poverkh. no. 5 108-114 '61.

BORON COMPOUNDS
New types of boron salts B M. Mikhailov, V D Sheludiakov, T A Shchegoleva Izv. AN SSSR, Otd. khim nauk no. 9 1698-1699 S '62

BORON HALIDES
Reactions of hexaalkyldisilazanes with aluminium and boron halides. K A Andrianov, V. V. Astakhin, D A Kochkin Izv. AN SSSR, Otd khim. nauk no 10 1852-1853 O '62

BORON ORGANIC COMPOUNDS
Organoboron compounds Report No. 106 Reactions of alkyl mercaptoboranes trimers with secondary and tertiary amines B M. Mikhailov, V. D. Sheludiakov, T. A. Shchegoleva Izv AN SSSR, Otd. khim nauk no 9 1559-1561 S '62.
Organoboron compounds Report No 110 Catalytic conversion of trialkylborines and orthoborates to alkylboronic acid esters under the effect of tetraalkyldiboranes B M. Mikhailov, L. S Vasil'ev Izv AN SSSR. Otd. khim nauk no 10 1756-1762 O '62
Synthesis of trimethyleneboronic acid and alkyldiboronic acid esters and the refractions of some bonds in organoboron compounds L. I. Zakharkin, A. I Kovredov. Izv AN SSSR Otd. khim. nauk no. 9:1564-1571 S '62

BORONIC ACID
Esters of propane-1, 3-diboronic and propane-1, 3-dithioboronic acids B M Mikhailov, V. F Pozdnev Izv AN SSSR Otd khim nauk no 10.1861-1863 O '62
Methyl ester of di-(3-dimethoxyboryl) propylboronic acid B M Mikhailov, V F. Pozdnev Izv AN SSSR, Otd khim nauk no 9.1698 S '62
Synthesis of trimethyleneboronic acid and alkyldiboronic acid esters and the refractions of some bonds in organoboron compounds L. I. Zakharkin, A. I. Kovredov Izv. AN SSSR Otd. khim nauk no 9 1564-1571 S '62.

BOROVSKII, PETR FOKICH, 1863-1932
Postolov, M P [Petr Fokich Borovskii; his life and activities, 1863-1932] Petr Fokich Borovskii; zhizn' i deiatel'nost', 1863-1932. Tashkent, Medgiz UzSSR, 1961. 62 p

BOSPORUS, CIMMERIAN (KINGDOM) see Cimmerian Bosporus (Kingdom)

BOTANICAL GARDENS see subdivision under Batum; Moscow

BOTANICAL RESEARCH see subdivision under Estonia

BOTANY see subdivision under Chelyabinsk Province; Georgia

BOTANY—ECOLOGY see subdivision under Kursk Province

BOTANY—EMBRYOLOGY
Type of the embryo sac in Praecitrullus fistulosus (Stocks) Pang. V. A. Gulinev. Dokl. AN SSSR 146 no. 5:1216-1219 O '62.

BOTANY—STUDY AND TEACHING
Botanical evenings in the school. K L. Zotkova, M A Mikhailenko Izv Vor gos ped inst 30 43-80 '61
Use of a number of examples of given classes of objects for the teaching of general concepts in the study of botany. I. F. Semenov. Dokl. APN no. 3:59-60 '62.

BOTULISM
Clinical aspects of botulism [with summary in English]. K. V. Bunin, N. I. Rashba. Sov. med. 26 no. 6:80-84 Ag '62.
Evaluation of the interrelationships between the antigens in botulin penta-anatoxin on the basis of a study of various immunity indices in animals [with summary in English]. A. A. Vorobiev, A. P. Labinskii. Biul. eksp. biol. i med. 53 no. 6:55-59 Je '62.
Study of the immunological effectiveness of complex immunization against gas gangrene, tetanus, and botulism in experiments on monkeys [with summary in English]. S. A. Zelevinskaia, T. I. Bulatova, I. A. Larina. Biul. eksp. biol. i med. 53 no. 6:59-62 Je '62.

BOUNDARY LAYER
Laminary boundary layer on a porous plate in the presence of a chemical reaction on the surface. V. S. Avduevskii, E. I. Obroskova. Izv. AN SSSR, Otd. tekh. nauk. Mekh i mashinostr. no. 5:3-12 S-O '62.

sive approximation method for calculating a laminar undary layer on axially symmetric bodies [with summary in English]. L. A. Kulonen Vest. LGU 17 no. 19 86-95 '62.

BOUNDARY VALUE PROBLEMS
Boundary value problem for linear and quasi-linear parabolic equations. Part 2 O. A. Ladyzhenskaia, N. N Uraltseva. Izv. AN SSSR. Ser. mat. 26 no. 5 753-780 S-O '62.
Boundary value problems for an equation in Hilbert space. S. G. Krein, G. I. Laptev. Dokl. AN SSSR 146 no. 3 535-538 S '62.
Expansion in eigenfunctions of ordinary linear differential operators in a finite interval. A. P Khromov. Dokl. AN SSSR 146 no. 6:1294-1297 O '62.
General boundary value problems for elliptic systems in a multidimensional region. M. S. Agranovich, A. S. Dynin. Dokl AN SSSR 146 no. 3 511-514 S '62.
Singular Cauchy problems for Chaplygin's equation M B. Kapilevich. Dokl. AN SSSR 146 no. 3:527-530 S '62.
Solvability of boundary value problems for a certain class of quasi-linear elliptic equations with strong nonlinearities. T. B. Solomiak. Dokl. AN SSSR 146 no. 6 1283-1285 O '62.
Three-dimensional boundary value problems with axial symmetry. I. I. Daniliuk. Dokl. AN SSSR 146 no. 3 523-526 S '62.
Use of the noniteration method in solving nets of boundary value problems for partial differential equations with periodic boundary conditions S. V Nemchinov. Dokl AN SSSR 146 no. 6:1263-1266 O '62

BOXES—STANDARDS
Boxes of crimped cardboard. B. K. Vasil'ev, A. N. Zaitsev, V. S. Piskarnyi. Standartizatsiia 26 no. 10: 54-59 O '62

BRACHIOPODA, FOSSIL
(see also subdivision under Kolyma Valley, Siberia, Ukraine)
New data on Lower Cretaceous Dallinidae (Brachiopoda). T. N Smirnova Paleont zhur. no 2 97-105 '62
Systematics of Lower Cretaceous rhynchonellids. T. N Smirnova. Biul. MOIP. Otd. geol. 37 no. 3:133-134 My-Je '62.

BRAIN
Activity of glutamic decarboxylase and γ-aminobutyric acid content in the brain of rats in different functional states brought about by elevated oxygen pressure. G. V. Shcherbakova. Dokl. AN SSSR 146 no. 5:1213-1215 O '62.
Change in the permeability of the hemato-encephalic barrier and the phagocytosis of the leucocytes in schizophrenics under the influence of insulin therapy. T. E. Romel'. Trudy Gos. nauch.-issl. inst. psikh. 27:236-241 '61.
Clinical aspects of poisoning from fatal doses of serpasil and the effect of intoxication on the brain and internal organs of experimental animals. V. I. Matveev. Trudy Gos. nauch.-issl. inst. psikh. 27:255-260 '61
Cybernetics and the activity of the brain A. V. Napalkov. Biul. MOIP. Otd. biol. 67 no. 5:152 S-O '62.
Cybernetics in us. Elena Sapar'ina. Ogonek 40 no. 42 14-15 O '62.
Experimental study of the changes in the permeability of the hemato-encephalic barrier and capillaries under the influence of aminazine and insulin. M IA. Maizelis. Trudy Gos. nauch.-issl. inst. psikh. 27:242-237 '61.
New concepts of the work of the brain. A. R. Luriia. Biul. MOIP. Otd. biol. 67 no. 5 147 S-O '62.
Permeability of the hemato-encephalic barrier in tuberculous meningitis in children. T P. Sizonenko. Zdrav. Bel. 8 no 5:23-25 My '62

BRAIN—INFLAMMATION see Encephalitis

BRAIN—INNERVATION
Reaction of brain nerve cells to prolonged stimuli increase from the peripheral receptors [with summary in English]. E. N. Kosmarskaia. Biul. eksp. biol. i med. 53 no. 6 88-91 Je '62.

BRAIN—TUMORS
Electrophysiological study of cortical-subcortical interrelationships in human brain tumors. V. S. Rusinov. Vest. AMN SSSR 17 no. 7:3-12 '62.
Study of cerebrosides of some neuroectodermal tumors of the human brain [with summary in English]. G. M. Popova, M. Sh. Promyslov. Biul. eksp. biol. i med. 53 no. 6:71-73 Je '62.

BRAIN—WOUNDS AND INJURIES
Change in sugar metabolism in closed brain injury. M I. Smolenskii. Voen.-med. zhur. no. 9 80 S '61

BRAKES
Analyzing the use of friction materials in braking devices. B. I. Kostetskii, F. K. Germanchuk. Vest. mashinostr. 42 no. 10:3-7 O '62.

BRANDT, WILLY
Willy Brandt, the scoundrel. Oleksa Noscnko. Ukraina no. 21:25 N '62.

BRASS—ANALYSIS
Brass with a low-copper content. V. S. Lovchikov. Lit. proizv. no. 10:11-12 O '62.

BRASS—METALLURGY
Effect of the mechanical properties of thermally treated brass on wear by friction against other metals under conditions of strong cohesion of the metals involved. K. V. Savitskii, IU. I. Malyshev. Izv. vys. uch. zav., fiz., 3 173-174 '62.

BRASS FOUNDING
Hot shortness of copper alloys for the casting of fittings. I. I. Novikov, L. B. Kogan, A. E. Misiurin. Lit. proizv. no. 10:30-10 O '62.

BRASS PLATING
Effect of friction bronzing and brass plating on surface quality. D. N. Garkunov, V. N. Lozovskii. Trudy Sem. po kach. poverkh. no. 5:386-391 '61.

BRAZIL—CATHOLIC CHURCH
Catholicism and contemporary Brazil. I. Grigulevich. Nauka i rel. 4 no. 11 46-50 N '62.

BRAZIL—POLITICS AND GOVERNMENT
Unity is forged in the struggle. Rafael Martinelli. Vsem. prof. dvizh. no. 8/9 26-29 Ag-S '62.

BRAZIL—TRADE UNIONS
Unity is forged in the struggle. Rafael Martinelli. Vsem. prof. dvizh. no. 8/9 26-29 Ag-S '62.

BREAD
(see also subdivision under Uzbekistan)
Mechanized production line for making tin bread. A. I. Syrov. Khleb. i kond. prom. 6 no. 10 36-38 O '62.

BREAD—MICROBIOLOGY
Disinfectants against the stimulators of the mesenteric us bacteria in bread. A. P. Demchuk. Izv. vys. ucheb. zav., pishch. tekh. no. 5 73-77 '62.

BREAST—DISEASES
Gabelov, A. A., and E. B. Deriankova. [Mastitis] Grudnitsa. [Leningrad] Medgiz, 1962. 47 p. (Nauchno-populiarnaia meditsinskaia literatura) (DNLM)

Rafalkeas, Solomons. [You can avoid mastitis, if... (translated by V. Sproge)] No krusu dziedzeru iekaisuma var izsargaties, ja... Riga, Latvijas Valsts izdevnieciba, 1961. 26 p. (Veselibas biblioteka) [In Latvian] (DNLM)

BREAST FEEDING—HYGIENIC ASPECTS
Possible infection with infectious hepatitis through breast feeding. T. I. Fadeeva. Zhur. mikrobiol., epid. i immun 33 no. 8:125 Ag '62.

BREST DISTRICT—SOCIAL GROUP WORK
"Red corners" on collective farms. N. Pinchuk. Blok. sgit. [Bel.] no. 3 17-19 Ja '60.

BREST LITOVSK, TREATY OF, MAR. 3, 1918 (RUSSIA)
Support given by the German proletariat to the Soviet peace policy during the period of the Brest negotiations. G. L. Nikol'nikov. Uch. zap. kaf. ist. mezhdunar. otn. i nats.-osv. dvizh. no. 1 89-110 '59.

BREST PROVINCE—HAY
Calcium, phosphorus and carotene content in the hay and concentrates used on the collective farms of Brest Province. V. S. Khotcev. Trudy NIVI 1:249-253 '60.

BREST PROVINCE—TRANSPORTATION, AUTOMOTIVE—COST OF OPERATION
The cheaper automotive transportation is the lower the costs of production. B. M. Shundalov. Uchet i fin. v kolkhoz. i sovkhoz. 19 no. 9:51-52 S '62.

BRIBERY
Decision No. 9 of the plenary session of the Supreme Court of the U. S. S. R. of July 31, 1962 "Judicial practice in cases concerning bribery." Biul. Verkh. Suda no. 5:7-12 '62.

BRICK WALLS
Some problems of the use of wall materials. Biul. stroi. tekh. 19 no. 9:32-33 S '62.

BRICKMAKING
Acceleration of the drying and burning of brick. P. Epel'boim. Sel'. stroi. no. 9 15 S '62.
Graphic information concerning the organization of the production of local building materials. Sil'. bud. 12 no. 10:22-23 O '62.

BRICKMAKING—SAFETY MEASURES
Bondin, IU. N. [Guide to safety measures for a press operator in the manufacture of silicate bricks] Pamiatka po tekhnike bezopasnosti dlia pressovshchika silikatnogo kirpicha. Moskva, Gosstrolizdat, 1962. 13 p. (Tekhnika bezopasnosti v promyshlennosti stroitel'nykh materialov)

BRICKMAKING MACHINERY
Standard plans of shops and plants for brickmaking for rural construction. M. I. Lukinov, S. IA. Belkina. Stroi. mat. 8 no. 9:13-15 S '62.

BRIDGE CIRCUITS
Designing the bridge circuit of a ratio meter having both shelves connected with the measuring diagonal. V. P. Vlasov. Priborostroenie no. 10:1-2 O '62.

Strain-measuring bridge with resistance boxes. E. S. Osternik. Izm. tekh. no. 10:27-28 O '62.

BRIDGE CONSTRUCTION
Suspended assembly of spans with dry joints. A. P. Charuiskii, B. V. Klochkov, V. I. Bulantsev. Avt. dor. 25 no. 10 17-19 O '62.

Tumas, E. V., N. L. Fiti'monova, and E. I. Shtil'man. [Use of wire-reinforced concrete in bridge construction] Primenenie armobetona v mostostroenii. Moskva, Avtotransizdat, 1962. 134 p.

BRIDGES, CONCRETE
Bridge floor slabs without reinforcements. V. A. Kozhevnikov. Avt. dor. 25 no. 10 22-24 O '62.
Bridges with framed-continuous structure. R. I. Feshkis, A. L. TSeitlin. Avt. dor. 25 no. 10-20-22 O '62.

Kostiaev, P. S. [Start of an engineer's career] Nachalo puti inzhenera. Moskva, Izd-vo "Znanie," 1962. 31 p. (Novoe v zhizni, nauke, tekhnike. X Seriia. Molodezhnaia, no. 19)

Pollakov, L. P. [Calculations for arched bridges] Raschet arochnykh mostov. Kiev, Gosstrolizdat USSR, 1962. 350 p.

BRIDGES, IRON AND STEEL
Using glued joints in steel bridges. N. N. Glinka. Avt. dor. 25 no. 10 24-25 O '62.

BRILL'S DISEASE see Typhus fever

BRINE see Salt

BRIQUETS (FUEL)
(see also subdivision under Bashkiria)
Briquetting of the pulp from Karaganda Central Coal Preparation Plant. G. Z. Zvenigorodskii, N. I. Levina. Obog. i brik. ugl. no. 24:26-31 '62.
Capillary hypothesis of briquetting. E. F. Panina. Nauch. trudy MGI no. 38, 279-286 '61.
Coal briquets as a local fuel. V. IA. Pykhtin. Nauch. trudy MGI no. 38 287-296 '61.
Economics of using the new types of binding materials for briquetting coal fines. L. V. Semenov, V. P. Davydov. Ugol' 37 no. 10:37-38 O '62.
Use of the centrifugal method for petroleum recovery from petroleum impregnated briquet crumbs. V. S. Knuniashii, A. V. Shtau. Obog. i brik. ugl. no. 24, 36-44 '62.

BRITHOLITE
Cerfluorosil-Ce-britholite. A. V. Rudneva, A. V. Nikitin, N. V. Belov. Dokl. AN SSSR 146 no. 5 1182-1184 O '62.

BRITISH COMMONWEALTH OF NATIONS see Commonwealth of Nations

BRITISH GUIANA—POLITICS AND GOVERNMENT
"Globe," no. 10. Smena 39 no. 20:16-17 O '62.

BROACHING MACHINES
The 7740 vertical broaching machine for external broaching. V. P. TSegel'nik. Biul. tekh.-ekon. inform. Gos. nauch.-issl. inst. nauch. i tekh. inform. no. 10, 40-42 '62.

BROD, IGNATII OSIPOVICH, 1902-1962
Ignatii Osipovich Brod; obituary. Izv. AN SSSR Ser. geol. no. 10:97-103 O '62.
Ignatii Osipovich Brod; obituary. Sov. geol. 5 no. 10: 145-148 O '62.

BROILERS (POULTRY) see subdivision under Armenia

BROME GRASS—DISEASES AND PESTS
New pests of brome grass, frit flies of the genus Dicraeus (Diptera, Chloropidae) [with summary in English]. Z. IA. Agafonova. Ent. obozr. 41 no. 3 492-501 '62.

BROMINATION
Sterically hindered phenols. Report No. 6: Bromination of 2, 6-dialkyl-p-cresols and 3, 5-dialkyl-4-hydroxybenzyl bromides. V. V. Ershov and others. Izv. AN SSSR. Otd. khim. nauk no. 10 1839-1843 O '62.

BRONCHI
Bronchi and the bronchopulmonary segments of the right lung [with summary in English]. A. G. Orlov. Khirurgiia no. 9:84-90 '62.
Bronchial patency standards according to data on the relationship of the maximum ventilation to the vital capacity of the lungs [with summary in English]. G. O. Badalian. Sov. med. 26 no. 8:105-109 Ag '62.

BRONCHI—RADIOGRAPHY
"Bronchoscopy and bronchography" [translated from the Bulgarian] by A. Altuparmakov. Reviewed by G. I. Lukomskii. Grud. khir. no. 4:118-119 Jl-Ag '62.

BRONCHI—TUMORS
Bronchial adenomas. N. S. Koroleva. Khirurgiia no. 9: 90-97 '62.

BRONCHIAL FISTULA see Fistula, Bronchial

BRONCHIECTASIS
Familial congenital bronchiectasis. I. A. Maksimov, E. V. Ryzhkov. Grud. khir. no. 1:107-110 Jl-Ag '62.

BRONCHOSCOPY
"Bronchoscopy and bronchography" [translated from the Bulgarian] by A. Altuparmakov. Reviewed by G. I. Lukomskii. Grud. khir. no. 4 118-119 Jl-Ag '62.

BRONZE—WELDING
Reconditioning chromium bronze electrodes for resistance welding machines by build-up arc welding. V. S. Vernik, N. G. Germikhsdorf. Svar. proizv. no. 10 32-33 O '62.

BRONZE AGE see subdivision under Kama Valley

BRONZING
Effect of friction bronzing and brass plating on surface quality. D. N. Garkunov, V. N. Lozovskii. Trudy Sem. po kach. poverkh. no. 5:386-391 '61.

BRUCELLA
Brucella resistance to freezing and thawing. I. E. Golubev. Trudy NIVI 1 26-28 '60.
Infectiousness of some objects in the external environment previously inoculated with Brucella [with summary in English]. V. I. Ogarkov. Zhur. mikrobiol., epid. i immun. 33 no. 4:88-90 Ap '62.

BRUCELLOSIS
Brucellosis in agricultural animals and the principles for its prevention in the Soviet Union. M. K. IUskovets. Trudy NIVI 1 5-11 '60.
Clinical aspects and treatment of brucellosis melitensis in the phase of focal lesions [with summary in English]. L. V. IArovoi. Sov. med. 26 no. 8:72-80 Ag '62.
Diagnosis of brucellous coxitis. I. I. Shushkovskii. Vest. khir. 89 no. 8:70-72 Ag '62.
Epidemiological classification of brucellosis. D. I. Drankin. Zhur. mikrobiol., epid. i immun. 33 no. 4:91-95 Ap '62.

Vershilova, P. A., and others. [Brucellosis; a handbook for physicians] Brutsellez; rukovodstvo dlia vrachei. Moskva, Medgiz, 1961. 413 p. (DNLM)

BRUCELLOSIS IN CATTLE
(see also subdivision under Kazakhstan, White Russia)
Results of a study of the excretion of Brucella with the milk in vaccinated cows. G. A. Ob'edkov. Trudy NIVI 1 24-25 '60.

BRUCELLOSIS IN SHEEP
Comparative test on sheep of antibrucellosis vaccines from strains Nos. 19, 60, and 61. M. K. IUskovets, P. S. Ulasevich. Trudy NIVI 1 12-18 '60.

BRUCITE see subdivision under Gornaya Shoriya

BRUSHES, ELECTRIC
Device for measuring the pressure of the prongs of a brush holder. IU. N. Vinogradov, A. M. Ivantsev. Elek. i tepl. tiaga 6 no. 9:25-27 S '62.
Effect of certain mechanical factors on the operation of a slide contact. L. I. Tuktarev, P. T. Mal'tsev. Izv. vys. ucheb. zav., elektromekh. 5 no. 7:821-834 '62.

BRUSILOV, ALEKSEI ALEKSEEVICH, 1853-1926
A. A. Brusilov, the Russian military leader. G. Belov. Voen.-ist. zhur. 4 no. 10, 11-55 O '62.

BRYANSK—ICHNEUMON FLIES
Dynamics of the flight of ichneumon flies (Hymenoptera, Ichneumonidae) to the light trap in Bryansk in 1958. P. P. Bogush. Ent. obozr. 41 no. 3:572-575 '62.

BRYANSK—MACHINERY INDUSTRY—COSTS
Improve the cost indices of industrial enterprises. V. Anokhin. Nauch. dokl. vys. shkoly; ekon. nauki no. 5:40-51 '62.

BRYANSK PROVINCE—WORLD WAR, 1939-1945—UNDERGROUND MOVEMENTS
Bilnykh, I. A. [Six-hundred days in battles and campaigns] Shest'sot dnei v boiakh i pokhodakh. [Briansk] Brianskii rabochii, 1960. 258 p. (MH)

BRYOPHYTES
(see also subdivision under Caucasus)
Effect of some water mosses on the survival of saprophytic bacteria and Escherichia coli. K. A. Kokin, T. Z. Timofeeva. Nauch. dokl. vys. shkoly; biol. nauki no. 4 164-167 '62.

BUDAORS—AERONAUTICS—COMPETITIONS
At the Budaörs Airport. N. Balakin, V. Obukhov. Kryl. rod. 13 no. 10:13-14 O '62.

BUDGET see subdivision under Turkmenistan

BUDGET—CONGRESSES
Conference of budget statisticians. N. Krasnoshchekov. Vest. stat. no. 10:74-75 '62.

BUDS
(see also subdivision under Arctic regions)
Ability of polycarpic plants to form adventitious buds from the secondary meristem. N. I. Turovtsev. Trudy TSGL 7:140-162 '61.

BUDS (Continued)

Studying the morphogenesis of generative buds in apple. G.K.Karpov, N.I.Turovtsev, O.I.Savel'eva. Trudy TSGL 7:173-178 '61

BUG, SOUTHERN see Southern Bug River

BUG VALLEY—GARNET

Paragenesis of some garnet containing rocks in the middle Bug Valley. I.B.Shcherbakov. Trudy Inst. geol.nauk AN URSR.Ser.petr., min.i geokhim no.16 35-45 '62.

BUG VALLEY—GEOLOGY, STRUCTURAL

Geology of the crystalline basement of the upper Bug Valley and mineralization associated with it. V.A. Riabenko. Trudy Inst.geol.nauk AN URSR Ser.petr., min.i geokhim no.16 46-67 '62.

BUG VALLEY—ORE DEPOSITS

Geology of the crystalline basement of the upper Bug Valley and mineralization association with it. V.A. Riabenko. Trudy Inst.geol.nauk AN URSR.Ser.petr., min.i geokhim. no.16:16-67 '62.

BUG VALLEY—PARAGENESIS

Paragenesis of some garnet containing rocks in the middle Bug Valley. I.B.Shcherbakov. Trudy Inst. geol.nauk AN URSR.Ser.petr., min.i geokhim. no.16, 35-45 '62.

BUILDING

(see also subdivision under Borispol' District, Gorkiy Province)

Vsesoiuznyi institut po proektirovaniiu organizatsii energeticheskogo stroitel'stva "Orgenergostroi" Moskovskii filial. [Album of sketches of stock equipment for the erection of structural elements] Al'bom chertezhei inventarnykh prisposobleni dlia vozvedeniia stroitel'nykh konstruktsii. Moskva.

Pt. I. [Cradles, stagings, ladders, guardrails Approved by a resolution of the technical administration No. 163 of Dec. 30, 1959] Liul'ki, ploshchadki, lestnitsy, ograzhdeniia. Utverzhden resheniem tekhnicheskogo upravleniia No. 163 ot 30 dekabria 1959 g. 1962. 141 p.

Winners in socialist competition Stil'. bud. 12 no.10: 23 O '62.

BUILDING—ABSTRACTS

[Journal of abstracts: Construction and architecture]. Ref. zhur.: Strol. i arkhit. 4 no.5 '62.

BUILDING—ACCIDENTS

Shkinev, A.N. [Accidents at construction installations; their causes and ways of preventing and eliminating them] Avarii na stroitel'nykh ob"ektakh, ikh prichiny i sposoby preduprezhdeniia i likvidatsii. Moskva, Gosstroiizdat, 1962. 217 p.

BUILDING—BIBLIOGRAPHY see Bibliography—Building

BUILDING—COLD WEATHER CONDITIONS

Guarantee successful winter work Sel' stroi no 9: 1-2 S '62

Small winter mortar and concrete station. IU Usov Sel' stroi no 9 4-5 S '62

So that winter wouldn't take us by surprise. N. Dudin. Sel'. stroi no 9:25-26 S '62.

We work rhythmically the year round V Dombrovskii Sel' stroi. no 9 7-8 S '62.

BUILDING—DETAILS

Calculating systems with unilateral bracings. V. Gordeev, A. Perel'muter, O. Skachkov. Strol. i arkhit. 10 no.9 24-25 S '62.

Ways to lower the work required for finishing operations in construction. V.S. Pevzner. Gor. khoz. Mosk. 36 no.9:12-15 S '62.

BUILDING—ESTIMATES

Questions regarding budget standards. Ekon. strol. no.10 65-66 O '62.

BUILDING—TECHNOLOGICAL INNOVATIONS

(see also subdivision under White Russia)

Bellaev, A.V., and M.G. Tolstoi. [New prefabricated elements in construction] Novye sbornye konstruktsii v stroitel'stve. Moskva, Profitekhizdat, 1962. 88 p. (Novaia tekhnika i peredovye metody truda)

Rewards for participants in the Exhibition of Achievements of the National Economy of the U.S.S.R. for 1961. Mont. i spets. rab. v strol. 24 no.10 1-3 O '62.

Suggestions made by efficiency promoters Sel'. stroi. no.9 27 S '62

Valuable experience of A M. Pivanov, the inventor. Sel'. stroi. no.9:28 S '62.

BUILDING, CONCRETE see Concrete construction

BUILDING, EARTHQUAKE-PROOF see Earthquakes and building

BUILDING BLOCKS

The PLO-5 press, for pressing small pieces of wood into building blocks. I.K. Levin', O.IA. Grishans. Strol. i dor. mash. 7 no.9:25-26 S '62.

BUILDING INDUSTRY see Construction industry

BUILDING MACHINERY see Construction equipment

BUILDING MATERIALS

Beliaev, A.V., and M.G. Tolstoi. [New prefabricated elements in construction] Novye sbornye konstruktsii v stroitel'stve. Moskva, Profitekhizdat, 1962. 88 p. (Novaia tekhnika i peredovye metody truda)

Checking the consumption of building materials. IU. Volkov. Ekon. strol. no 10 52-56 O '62.

Improve the accounting for materials in construction. A. Gorodetskii Ekon. strol. no.9 49-50 S '62.

K [illegible] noe izd-vo, 1962. 227 p.

Thin-walled reinforced cement arch S. Kuznetsov. Pozh delo 8 no 10:13 O '62.

Use of certain available sources of raw materials for the manufacture of building materials and elements I L Borisov Sbor trud VNIINSM no 5 82-90 '61

BUILDING MATERIALS—STANDARDS

Building materials and elements in the new edition of the Construction Specifications and Regulations. L I Lopovok. Strol. mat. 8 no.9:20-21 S '62

BUILDING MATERIALS—TESTING

(see also subdivision under Dnepropetrovsk Province)

Akademiia stroitel'stva i arkhitektury SSSR. Institut stroitel'nykh konstruktsii. [Investigating the operation of machines and instruments used in testing building materials and elements] Issledovanie raboty mashin i priborov, primeniaemykh pri ispytanii stroitel'nykh materialov konstruktsii. Pod red. IU.N. Morozova. Moskva, Gosstroiizdat.

No. 1. 1960. 108 p.

[MICROFILM]

BUILDING MATERIALS—TRANSPORTATION

Mikol'skii, IU.N. [Pneumatic conveying in the production of building materials] Pnevmaticheskii transport v proizvodstve stroitel'nykh materialov. Kiev, Gosstroiizdat, USSR, 1962. 102 p.

BUILDING MATERIALS INDUSTRY

(see also subdivision under Caucasus, Northern; Dzhetygara District; White Russia)

Broaden the scope of socialist competition for the better utilization of technology. Strol. mat. 8 no.9:1-2 S '62.

Coming improvements in the structure of the production of building materials. A. Boguslavskii, V. Shneider. Ekon. strol. no.10:41-49 O '62.

Economic efficiency of producing and using silicate-concrete elements in construction. IA. A. Rekitar and others. Strol. mat. 8 no.9:3-8 S '62

A proper distribution of personnel is the most important condition for self-sustaining work of an enterprise. A Kryvenko. Stil'. bud. 12 no.10,17 O '62.

Put a single plan for the development of the building elements industry into effect! Ekon. strol. no.9:3-5 S '62.

A strong building materials production base guarantees rhythmic construction. M. Bugaiov, O Derkachova. Stil'. bud. 12 no.10:16-17 O '62.

BUILDING MATERIALS INDUSTRY—EQUIPMENT AND SUPPLIES

Sapozhnikov, M. IA. [Machinery of the building materials industry; atlas of designs] Mashiny promyshlennosti stroitel'nykh materialov, atlas konstruktsii. Izd. 2., perer. i dop. Moskva, Mashgiz, 1961. 215 p.

BUILDING RESEARCH

(see also subdivision under Novo-Titarovskaya; Roston-on-Don)

Moscow. Institut tipovogo i eksperimental'nogo proektirovaniia. [Collection of materials on results of research and experimental work in 1960-1961] Sbornik materialov po rezul'tatam nauchno-issledovatel'skikh i eksperimental'nykh rabot 1960,-1961 gg. Moskva, 1961. 142 p.

BUILDING STONES—STANDARDS

"Materials and products made of natural stone." Biul. strol. tekh. 19 no.10:3-4 O '62.

BUILDING TRADES—JOB DESCRIPTION

Lithuanian S.S.R. Valstybinis statybos ir architekturos reikalu komitetas. [Unified classification and qualification manual of the building trades] Visuotinis statybos ir statybinio remonto darbu bei darbininku profesiju tarifinis-kvalifikacinis zinynas (VTKZ). Vilnius, Centrinis techninės informacijos ir propagandos biuras, 1961. 154 p. [In Lithuanian]

BUILDINGS—STANDARDS

The use of standardized dimensions of one-story buildings and of the assortment of factory-made precast reinforced concrete elements in design and construction. Biul. strol. tekh. 19 no.10:31-32 O '62.

BUILDINGS, PREFABRICATED

House made of prefabricated rooms. P. Bronnikov. Sel' stroi. no.9 24-24a S '62.

They brought the house from the factory. V. Bohdanovs'kyi. Znan. ta pratsia no.10:18-19 O '62.

BUKHTARMA HYDROELECTRIC POWER STATION

Iniushin, M.V. [From the Svir to the Irtysh; thirty years on the new frontier] Svir' - Irtysh, 30 let na perednem krae. [Moskva] Molodaia gvardiia, 1960. 173 p. (MH)

BUKOVINA—NEWSPAPER AND PERIODICAL CIRCULATION

If you work wholeheartedly.. I Donets. Raspr. pech. no.10:12 O '62.

BULGARIA—AMPHIBIA—DISEASES AND PESTS

Unknown disease in anurous amphibia discovered in Bulgaria. C Paspaleff and others. Dokl. AN SSSR 146 no.6 1460-1461 O '62.

BULGARIA—ARITHMETIC—TEXTBOOKS

Russian educational mathematics literature in the works of the Bulgarian educators Khr. Danov, R.A. Simonov. Dokl. APN no.3:67-70 '62.

BULGARIA—ARMY

The spirit of proletarian internationalism. V. Ivanov. Komm. Vooruzh. Sil 3 no.21-23-26 N '62.

BULGARIA—BIBLIOGRAPHY

[New literature on Bulgaria] Nov. lit. po Bolg. nov. 5/6-6 '62.

BULGARIA—COMMUNIST PARTY

"The Bulgarian Communist Party in the period of the transitory and partial stabilization of capitalism, 1925-1929" [in Bulgarian] by B. Grigorov. Reviewed by G. I. Chernavskii Nov. i noveish. ist. no. 4:170-171 '62.

BULGARIA—FOREIGN RELATIONS—RUSSIA

Heart for heart and loyalty for loyalty. I. Vylkova. Ogonek 40 no. 22 1-5 My '62.

[The U. S. S. R. and Bulgaria are together forever; a visit of the representatives of the Soviet government and the party headed by the First Secretary of the Central Committee of the CPSU and Chairman of the Council of Ministers of the U. S. S. R. Comrade N. S Khrushchev to the People's Republic of Bulgaria, May 14-20, 1962] SSSR i Bolgariia-navekti vmeste; prebyvanie sovetskoi partiino pravitel'stvennoi delegatsii vo glave s Pervym sekretarem TSentral'nogo Komiteta Kommunisticheskoi partii Sovetskogo Soiuza, Predsedatelem Soveta Ministrov SSSR tovarishchem N. S. Khrushchevym v Narodnoi Respublike Bolgarii, 14-20 maia 1962. goda. Moskva, Gospolitizdat, 1962. 149 p.

BULGARIA—HEPATITIS, INFECTIOUS

Some data on the distribution of epidemic hepatitis in Bulgaria P. P. Verhev and others. Zhur. mikrobiol., epid. i immun. 33 no. 8:104-107 Ag '62.

BULGARIA—HISTORY

Problems concerning the recent history of Bulgaria discussed in the periodical "Istoricheski pregled." G. I. Chernavskii. Nov. i noveish. ist. no.5:161-161 '62.

BULGARIA—HISTORY—PERIODICALS

"Istoricheski pregled," a Bulgarian periodical. Veselin Khadzhinikolov. Vop. ist no. 10:170-186 O '62.

BULGARIA—HISTORY—SOURCES

"Liberation of Bulgaria from the Turkish yoke." Vol. 1. Reviewed by S. I. Sidel'nikov. Nov. i noveish. ist. no.5: 150-152 '62.

New materials concerning the efforts of the Bulgarian people to defend Czechoslovakia in 1938-1939. V. D. Voznesenskii. Nov. i noveish. ist. no. 4:176 '62.

BULGARIA—INCOME

"Real incomes of workers and employees in the People's Republic of Bulgaria" by R. Gocheva. Reviewed by I. Gorodinskaia. Biul. nauch. inform.: trud i zar. plata 5 no.9:49-52 '62.

BULGARIA—INDUSTRIES

Sixteen hurried years. Vokrug sveta no.9:23 S '62.

BULGARIA—MINING ENGINEERING

Methodology of determining the unavoidable impoverishment of ores in breaking them in vein deposits Gor zhur no 11:31-35 N '62.

BULGARIA—RADIO PROGRAMS

Musical and literary broadcasts of the Bulgarian Radio. Grozdan Khristozov, Vladimir Golov. Sov. rad. i tel. 6 no.3:30-32 '57.

BULGARIA—SOCIALIST COMPETITION

Active fighters for a new life. Stoian Giurov. Sov. profsoiuzy 18 no.20:34-37 O '62.

BULGARIA—TRADE UNIONS

Active fighters for a new life. Stoian Giurov. Sov. profsoiuzy 18 no.20:34-37 O '62.

BULLDOZERS

The PB-35 loader-bulldozer. S. F. Maslov. Biul. tekh.-ekon. inform. Gos. nauch.-issl. inst. nauch. i tekh. inform. no.10:62-63 '62.

Quickly dismountable light bulldozers. V. D. Tkach. Strol. i dor. mash. 7 no.9:10-12 S '62.

BUNIN, PAVEL

Sketches by Pavel Bunin. B. Roslavleva. Teatr 23 no.10:144-145 O '62.

BUNT (DISEASE OF WHEAT) see Smuts

BUREYA BASIN—COAL GEOLOGY
Parallel accessory minerals in coal seams of the Bureya Basin. L. S. Alekseev. Geol. i geofiz. no. 8, 64-75 '62.

BURGLARY
"The investigation of burglary" by S. S. Stepichev. Reviewed by V. IA. Koldin. Vest. Mosk. un. Ser. 10. Pravo 17, no. 3, 72-74 My-Je '62.

BURMA—CLAUSILIIDAE
A new species of Clausiliidae (Gastropoda, Pulmonata) from Burma. I. M. Likharev. Trudy Zool. inst. 30, 11-13 '62.

BURMA—HISTORY
Vasil'ev, V. F. [Studies on the history of Burma, 1885-1947] Ocherki istorii Birmy, 1885-1947. Moskva, Izd-vo vostochnoi lit-ry, 1962. 441 p.

BURMA—POLITICS AND GOVERNMENT
Against American-Kuomintang intrigues, for territorial unity of the country. Mol. mira, no. 6, 16-17 '61.

BURNS AND SCALDS
Influence of burns on hemodynamics and respiration in animals with radiation sickness. A. A. Zor'kin. Voen.-med. zhur., no. 9, 27-30. S '61.

Phosphorus burn. V. I. Golubinskii. Vest. khir., 89, no. 8, 74-75. Ag '62.

BURYAT DRAMA (COMEDY)
"Budamshu," a Buryat comedy. V. TS. Naidakova. Trudy BKNII, no. 6, 120-112 '61.

BURYAT FOLKLORE see Folklore, Buryat

BURYAT-MONGOLIA—AMATEUR ART ACTIVITIES
Generous heart. V. Maimeskul. Sov. voin. 44, no. 20, 41 O '62.

BURYAT-MONGOLIA—ARCHITECTURE
Architecture of the Buryat people and the national traditions in the architecture of the Buryat A. S. S. R. L. K. Minert. Trudy BKNII, no. 6, 81-91 '61.

BURYAT-MONGOLIA—EDUCATION
Cultural and educational institutions of the Buryat A. S. S. R. during the postwar five-year plans, 1946-1958. S. A. Maksanov. Trudy BKNII, no. 6, 116-128 '61.

BURYAT-MONGOLIA—FORESTRY RESEARCH
Preface. L. Pravdin. Trudy Inst. lesa i drev., 54, 3-4 '62.

BURYAT-MONGOLIA—LARCH
Natural regeneration of pine and larch in the Buryat A. S. S. R. L. F. Pravdin. Trudy Inst. lesa i drev., 54, 158-188 '62.

BURYAT-MONGOLIA—MARRIAGE CUSTOMS AND RITES
"Marriage rites of the Buryats" by S. P. Baldaev. Reviewed by D. A. Alekseev. Trudy BKNII, no. 6, 211-220 '61.

BURYAT-MONGOLIA—PINE
Natural regeneration of pine and larch in the Buryat A. S. S. R. L. F. Pravdin. Trudy Inst. lesa i drev., 54, 158-188 '62.

BURYAT-MONGOLIA—THEATER
The repertoire of Buryat theaters. V. TS. Naidakov. Trudy BKNII, no. 6, 95-104 '61.

BURZYANSKIY DISTRICT—AGRICULTURE—STUDY AND TEACHING
Organizing the agricultural work of students in grades 5-8. B. K. Abdullin. Shkola i proizv., 6, no. 10, 41-42 O '62.

BUTADIENE
Effect of ethers on the chain structure in the stereospecific polymerization of butadiene. B. S. Turov and others. Dokl. AN SSSR, 146, no. 5, 1141-1142 O '62.

Kinetic regularities of the single-stage dehydrogenation of n-butane to bivinyl in a vacuum. I. IA. Tiurnev, N. F. Vinnik. Neftekhimiia, 2, no. 4, 436-441 Jl-Ag '62.

New method of synthesizing cis-cis-diene-methane systems. L. D. Bergel'son, V. A. Vaver, M. M. Shemiakin. Izv. AN SSSR, Otd. khim. nauk, no. 10, 1894-1895 O '62.

Production of lower olefins, bivinyl, and aromatic hydrocarbons by the pyrolysis of gasoline fractions. T. N. Mukhina, G. F. Lesokhina, S. E. Itsek. Neftekhimiia, 2, no. 4, 495-497 Jl-Ag '62.

Reaction of 1-chloro-1-nitrocyclohexane with 1,3-butadiene. IU. A. Arbuzov, A. A. Onishchenko. Dokl. AN SSSR, 146, no. 5, 1075-1077 O '62.

Selective oligomerization reaction of bivinyl to cyclododecatriene. E. P. Tepenitsyna, N. K. Dorogova, M. I. Farberov. Neftekhimiia, 2, no. 4, 604-610 Jl-Ag '62.

Synthesis and polymerization of some new derivatives of biphenyl. N. A. Adrova, M. M. Koton, E. E. Moskvina. Izv. AN SSSR, Otd. khim. nauk, no. 10, 1804-1807 O '62.

Synthesis of higher unsaturated dicarboxylic acids by the electrolysis of lower acid monoesters in the presence of 1,2-butadiene. M. IA. Floshin and others. Neftekhimiia, 2, no. 4, 557-565 Jl-Ag '62.

BUTADIENE—SPECTRA
Spectra and structure of 1,2,3-phosphorus-containing heterosubstituted 1,3-butadienes. I. L. Gusel'nov and others. Izv. AN SSSR, Otd. khim. nauk, no. 9, 1550-1551 S '62.

BUTADIONE
Critical observations on the article, "Butadion, an effective substance for the control of body lice" [with summary in English]. G. A. Sudzhaev. Zhur. mikrobiol., epid. i immun., 33, no. 8, 39-41 Ag '62.

Effect of the adrenocorticotropic hormone (ACTH), cortisone, and butadione on the course of experimental dystrophy of the stomach. A. P. Kachanov. Trudy Len. khim.-farm. inst., no. 13, 290-232 '61.

Study of the insecticidal effect of butadione. Report No. 1 [with summary in English]. I. A. Favorova and others. Zhur. mikrobiol., epid. i immun., 33, no. 8, 35-39 Ag '62.

BUTANE
Catalytic dehydrogenation of individual isopentenes to isoprene. O. K. Bogdanova, A. P. Shebegleva, A. A. Balandin. Neftekhimiia, 2, no. 3, 442-447 Jl-Ag '62.

Dehydrogenation of isopentane to isoamylenes on a aluminosilicate catalyst. B. A. Kazanskii and others. Neftekhimiia, 2, no. 4, 448-456 Jl-Ag '62.

Kinetic regularities of the single-stage dehydrogenation of n-butane to bivinyl in a vacuum. I. IA. Tiurnev, N. F. Vinnik. Neftekhimiia, 2, no. 4, 436-441 Jl-Ag '62.

BUTASHEVICH-PETRASHEVSKII, MIKHAIL VASIL'EVICH, 1821-1866
Prokof'ev, V. A. Petrashevskii. Moskva, Izd-vo "Molodaia gvardiia," 1962. 334 p. (Zhizn' zamechatel'nykh liudei. Seriia biografii, no. 10[343])

BUTENE
Dehydrogenation of isopentane to isoamylenes on a aluminosilicate catalyst. B. A. Kazanskii and others. Neftekhimiia, 2, no. 4, 448-456 Jl-Ag '62.

BUTENYNE
Addition of diisobutyl aluminum hydride and triisobutylaluminum to vinylacetylene. V. A. Kormer, A. A. Petrov. Dokl. AN SSSR, 146, no. 6, 1343-1346 O '62.

BUTTERFAT
Gorinshin, V. A. [Increasing the butterfat content of cow milk] Povyshenie zhirnomolochnosti korov. [Leningrad] Lenizdat, 1961. 80 p. (DNAL)

BUTYL ALCOHOL
Dielectric relaxation in butyl alcohols. L. M. Imanov, IA. M. Abbasov. Izv. AN Azerb. SSR, Ser. fiz.-mat. i tekh. nauk, no. 2, 39-46 '62.

BUTYL PHOSPHATE
Extraction of zirconium and hafnium from a mixture of nitric and perchloric acids by tributyl phosphate. S. S. Korovin and others. Zhur. neorg. khim., 7, no. 10, 2475-2477 O '62.

BUTYRIC ACID
Activity of glutamic decarboxylase and γ-aminobutyric acid content in the brain of rats in different functional states brought about by elevated oxygen pressure. G. V. Shcherbakova. Dokl. AN SSSR, 146, no. 5, 1213-1215 O '62.

BYALOVEZHSKA PUSHCHIA—FOREST MANAGEMENT
Characteristics of forest management in the Byalovezhska Pushcha. A. V. Malinovskii. Les khoz., 15, no. 6, 11-18 Je '62.

BYLINY
Pliseteskii, M. M. [Historicism of Russian byliny] Istorizm russkikh bylin. Moskva, Vysshaia shkola, 1962. 238 p.

BYZANTINE EMPIRE
The Deabolis Treaty of 1108 between Alexius Comnenus and Bohemund. IA. N. Liubarskii, M. M. Freidenberg. Viz. vrem., 21, 260-274 '62.

BYZANTINE EMPIRE—FEUDALISM
"Cities and villages in the Byzantine Empire of the ninth and tenth centuries, studies on the history of Byzantine feudalism" by A. P. Kazhdan. Reviewed by M. IA. Siuziumov. Viz. vrem., 21, 209-217 '62.

BYZANTINE EMPIRE—HISTORY—SOURCES
Brief Byzantine chronicles; based on the manuscripts of Moscow libraries. Z. G. Samodurova. Viz. vrem., 21, 127-147 '62.

From the history of the Byzantine chronology of the tenth century; "The book of kings" and "The story of Basil." A. P. Kazhdan. Viz. vrem., 21, 95-117 '62.

Information on the life and material culture of the Byzantine Empire contained in the poem "Digenes Akrites." A. IA. Syrkin. Viz. vrem., 21, 148-164 '62.

BYZANTINE EMPIRE—PALACES
"The great palace of the Byzantine emperors; second report" [in English]. Reviewed by S. A. Kaufman. Viz. vrem., 21, 233-252 '62.

CABLES
Rubber cables based on carboxylate rubbers. V. N. Kolobenin, G. A. Blokh. Khim. prom. [Ukr.], no. 1, 72-77 Ja-Mr '62.

CABLEWAYS
Chulkov, V. D. [Steel cables in the lumber industry] Stal'nye kanaty v lesnoi promyshlennosti. Moskva, Goslesbumizdat, 1962. 134 p.

CABS see Carriages and carts

CADMIUM—METALLOGRAPHY
Distribution of impurities and dislocations in cadmium crystals. N. A. Tiapunina and others. Fiz. met. i metalloved., 14, no. 4, 582-588 O '62.

CADMIUM—METALLURGY
Behavior of cadmium during the roasting of zinc concentrates. Trudy Vost. Sib. fil. AN SSSR, no. 41, 103-113 '62.

Chemical reactions between sulfates and sulfides of zinc and cadmium. V. P. Kochkin, D. M. Chizhikov, Ia. V. Rumiantsev. Trudy Vost. Sib. fil. AN SSSR, no. 41, 100-107 '62.

Purification of commercial cadmium by vacuum distillation with use of a heating condenser. B. N. Alekseevskii, I. G. Dilakov. Fiz. met. i metalloved., 14, no. 4, 569-574. O '62.

CADMIUM-ANTIMONY ALLOYS
Investigation of the symmetry of energy bands in CdSb and ZnSb. V. E. Khartsiev. Fiz. tver. tela, 4, no. 4, 983-991 Ap '62.

CADMIUM CHLORIDE
Separation of rare earth elements on cadmium hydroxychloride. N. V. Aksel'rud, N. I. Davidenko. Ukr. khim. zhur., 28, no. 3, 401-405 '62.

CADMIUM COMPOUNDS—ANALYSIS
Phase analysis of zinc and cadmium compounds. V. P. Kochkin, B. IA. Tretnevitskaia. Trudy Vost. Sib. fil. AN SSSR, no. 41, 151-154 '62.

CADMIUM SULFIDE—ELECTRIC PROPERTIES
Gamma- and photoelectric properties of cadmium sulfide. P. G. Litovchenko, V. I. Ustianov. Fiz. tver. tela, 4, no. 4, 1050-1052 Ap '62.

CADMIUM SULFIDE CRYSTALS—ELECTRIC PROPERTIES
Long-wave photosensitivity and the infrared quenching of the photocurrent in cadmium sulfide monocrystals. V. V. Sobolev, T. IA. Shen. Fiz. tver. tela, 4, no. 4, 1012-1037 Ap '62.

CADMIUM-TIN ALLOYS
Irreversible thermal deformation of cadmium-tin alloys. V. A. Likhachev, G. A. Malygin, Chen' Tsin-gui [Ch'en Ch'ing-kuei]. Izv. vys. uch. zav., fiz., 3, 127-132 '62.

CAFFEINE—PHYSIOLOGICAL EFFECT
Effect of large doses of caffeine on the development of experimental tuberculosis in white mice. K. A. Polotneva. K. trud. i poll. nerve. sist. v pat., immun. i lech. tub., no. 2, 190-197 '61.

Phagocytic reflex in schizophrenia and its change under the influence of insulin therapy and caffeine. M. I. Vorob'ev. Trudy Gos. nauch.-issl. inst. psikh., 27, 242-247 '61.

Study of the influence of the nervous system on the formation of immunity to tuberculosis in white mice. Report No. 2. A. F. Perel'man. K. trud. roli nerv. sist. v pat., immun. i lech. tub., no. 2, 314-322 '61.

CAISSON DISEASE see Decompression sickness

CAKE
What causes the lamination of the "Surprise" cake. F. I. Gnister, IU. IA. Kosaia. Khleb. i kond. prom., 6, no. 10, 36-40 O '62.

CALANIDAE
Vertical migration and diurnal rhythm of the feeding of Calanus finmarchicus (Gunn.) as related to its age and fatness. A. P. Sushkina. Trudy VNIRO, 46, 235-253 '62.

CALCIUM
Doronin, N. A. [Calcium] Kal'tsii. Moskva, Gosatomizdat, 1962. 190 p.

CALCIUM ARSENATE
Therapy of monieziasis of calves using calcium arsenate. IU. G. Egorov, A. F. Bobkova. Trudy NIVI, 1, 171-173 '60.

CALCIUM BORATES
Sibirskite, a new calcium borate. N. N. Vasil'kova. Zap. Vses. min. ob-va, 91, no. 4, 455-464 '62.

CALCIUM HYDROXIDE
Kinetics of coprecipitation of a mixture of iron with calcium hydroxide from caustic alkali solutions. M. M. Kushnir. Ukr. khim. zhur., 28, no. 3, 409-411 '62.

Nuclear magnetic resonance in some hydrosilicates and in calcium hydroxide. V. I. Kvlividze, L. N. Rashkovich. Dokl. AN SSSR, 146, no. 6, 1322-1325 O '62.

CALCIUM PHOSPHATE

Dehydration of isopropyl alcohol on a radioactive tricalcium phosphate catalyst. Vict.I.Spitsyn and others. Dokl.AN SSSR 146 no.5 1128-1131 O '62

CALCIUM SILICATE

Interaction of γ-dicalcium silicate with quartz sand in autoclave hardening. Yu.M.Butt, B.S.Bobrov. Zhur. VKHO 7 no.5,588-589 '62.

CALCULATING MACHINES

Algorithms of the construction of analytical representations of observations of magnetic fields on automatic digital computers. N.K.Osipov. Geomag.i aer. 2 no.5 963-971 S-O '62

Calculation of the accuracy of electromechanical cascade computing nets. V.B.Smolov, I.A.Dubinin. Izv. LETI 37 no.39 126-139 '59

"Digital computers" by L.S.Evdokimov, G.P.Evstigneev, B.N.Krishin. Reviewed by S.I.Skul'skii. Priborostroenie no.10 31-32 O '62.

Min'kovskii, E.M., and N.N.Ovsiannikov. [The KELRS and SARS computer models, a manual for training operators] Vychislitel'nye mashiny modelei KELRS i SARS, posobie dlia obucheniia tekhnike raboty na mashinakh. Moskva, Gosstatizdat, 1962. 98 p.

Use of computer devices for optimum control over processes in the chemical industries (survey). V.P.Boroduk, V.S.Kortov. Zav.lab. 28 no.10 1211-1217 '62

Using computing equipment for the automation of industrial processes. V.E.Sekhin. Biul.tekh.-ekon. inform. Gos.nauch.-issl.inst.nauch.i tekh.inform. no.10 72 '62.

CALCULI

Stone in the thyroid gland. A.T.Tatarinov. Zdrav.Bel. 8 no.5 54 My '62

CALCULI, URINARY see subdivision under Lithuania

CALCULUS, OPERATIONAL

Application of special operations in problems involving the analysis and synthesis of linear electric circuits [with summary in English]. K.A.Mishina, A.S.Alekseev. Izv.vys.ucheb.zav., radiofiz. 5 no.5,1009-1016 '62.

CALCULUS OF TENSORS

Cartan, E.J. [Riemann geometry in an orthogonal set of linearly independent vectors. Translated from the French] Rimanova geometriia v ortogonal'nom repere. Po lektsiiam Elli Kartana, chitannym v Sorbonne v 1926-1927 gg. Perevod i red. S.P.Finikova. [Moskva] Izd-vo Mosk. univ., 1960. 306 p. (RPB)

Shirokov, P.A. [Tensor analysis; the algebra of tensors] Tenzornoe ischislenie, algebra tenzorov. Izd.2 [Kazan'] Izd-vo Kazanskogo univ., 1961. 447 p.

CALENDARS

Calendar of the ancient Slavs. B.A.Rybakov. Nauka i zhizn' 29 no.9,29-32 S '62.

[Physical culture calendar for 1962] Fizkulturiesa kalendars 1962 gadam. Riga, Latvijas Valsts izdevnieciba, 1962. 223 p. [In Latvian]

CALIBRATION

Radiator with a high sighting ratio for calibrating radiation pyrometers. M.S.Kalander. Izm.tekh. no.10 36-37 O '62

Some problems of the calibration of ultrasonic flowmeters. G.I.Birger. Izm.tekh. no.10,53-55 O '62.

CALIPERS—TESTING

Device for checking calipers. N.V.Kotova. Izm.tekh. no.10,12-13 O '62.

CALVES—DISEASES AND PESTS

Copper sulfate, an agent for the pathogenetic treatment of intestinal disorders in calves. L.N.Taroverdov, A.A.Taroverdova, N.A.Romaniuk. Trudy NIVI 1 226-231 '60.

CALVES—PHYSIOLOGY

Study of the physiological maturity of calves at an age when disease can be prevented for the purposes of evaluating the conditions for their keep. K.P.Semenov. Trudy NIVI 1 277-285 '60.

CAMBAY, INDIA—HISTORY

Liusternik, E.IA. [Indian city of Cambay from the 15th to the 20th century] Indiiskii gorod Kambei v XV-XX vekakh [Leningrad] Izd-vo Leningr. univ., 1962. 51 p.

CAMBAY, INDIA—PETROLEUM INDUSTRY

Liusternik, E.IA. [Indian city of Cambay from the 15th to the 20th century] Indiiskii gorod Kambei v XV-XX vekakh [Leningrad] Izd-vo Leningr. univ., 1962 51 p.

CAMELS—PARASITES see Parasites—Camels

CAMERAS—MAINTENANCE AND REPAIR

IAkovlev, M.F. [Repair of cameras] Remont fotoapparatov. Pod red. E.A.Iofisa. Moskva, Iskusstvo, 1962. 191 p. (Bibliioteka fotoliubitelia, no.29)

CAMEROON REPUBLIC

A new African state. Blok.agit.[Bel.] no.3 3-4 of cover Ja '60

CANADA—DESCRIPTION AND TRAVEL

"Uncensored Canada" by A.Fiedler. Reviewed by V.Shitova. Vokrug sveta no.9 63 S '62.

CANADA—ENTOMOLOGICAL RESEARCH

Entomological institutions in Canada, personal impressions. D.M.Shtemberg. Ent.obozr. 41 no.3 708-715 '62.

CANADA—GEOGRAPHY

Putnam, D.F., ed. [Canada; geographical regions. Abridged translation from the English] Kanada, geograficheskie raiony. Predisl. V.M.Gokhmana i L.N.Karpova. Red. N.N.Baranskogo. Moskva, Izd-vo inostr. lit-ry, 1955. 578 p. (MiD)

CANADA—MEDICAL CARE, COST OF

The future of freedom (conclusion). Charlotte Carter, Dyson Carter. Ukraina no.21 20 N '62

CANADA—UKRAINIANS

Pavlychenko, T.K. [Movement for national unity; on the jubilee conference of the Ukrainian National Association of Canada] Rukh natsional'noi ednosty; z-pryvodu iuvileinoi konferentsii UNO Kanady. Winnipeg, Nakl. Ukrains'koho natsional'noho ob'iednannia Kanady, 1952. 30 p. (Samoosvitnia biblioteka, Pt 1) (IU)

CANALS—LOCKS see Locks (Hydraulic engineering)

CANCER

Characteristics of fluorescence in the ascitic cells of Ehrlich's tumor in ascites of varying ages. T.N.Maevskaia. Trudy Len.khim.-farm.inst. no.13;165-169 '61.

Effect of 4-oxo-6-imino-2,1-pyrimidine-3-thiadiazole and its combination with some other antitumorous preparations on the growth of Ehrlich's tumor. T.F.Guseva, N.I.Vol'fson, L.V.Zolotova. Trudy Len.khim.-farm.inst. no.13,142-149 '61.

Frequency of the occurrence of lymphosarcomas in mice subjected to single or fractionated irradiation. S.N.Aleksandrov, K.P.Galkovskaia. Dokl.AN SSSR 146 no.5 1189-1192 O '62

Kinetic characteristics of the inhibition of protein biosynthesis in cancer cells treated with alkyl phenols and chloramphenicol. G.V.Kukushkina, I.B.Gorbachova, N.M.Emanuel'. Dokl.AN SSSR 146 no.5 1206-1208 O '62.

Organism and tumors. R.E.Kavetskii. Priroda 51 no.10 30-36 O '62.

Study of tolerance and the "potentiation phenomenon" on a model of Brown-Pearce rabbit carcinoma [with summary in English] R.M.Radzikhovskaia. Biul.eksp.biol.i med. 53 no.6;66-69 Je '62.

CANCER—CONGRESSES

A delegate's notes. S.M.Navashin. Zdorov'e 8 no.10;7-8 O '62

CANCER—PREVENTION

Cancer prevention. L.M.Shabad. Priroda 51 no.10 21-29 O '62.

"Principles of the prophylaxis of malignant tumors" by I.T.Shevchenko. Reviewed by A.I.Gnatyshak and M.D.Podil'chak. Vrach.delo no.10;153-154 O '62.

"Prophylaxis of malignant tumors" by A.I.Serebrov. A book review. Priroda 51 no.10 68 O '62.

CANCER RESEARCH

(see also subdivision under Amazon Valley)

More on the virus theory of cancer. L.A.Zil'ber. Nauka i zhizn' 29 no.6;30-31 Je '62.

CANDIDA

Characteristics of the growth of yeastlike fungi of the genus Candida in bismuth-sulfite and serin-sulfite media. N.P.Elinov. Trudy Len.khim.-farm.inst. no.13;63-69 '61.

CANNIBALISM (ANIMALS)

Cases of cannibalism in the tick Ornithodoros papillipes under laboratory conditions. E.D.Mel'chakova. Trudy Inst.zool AN Kazakh.SSR 16;211-212 '62.

CANNING AND PRESERVING

Oleinikov, F.G. [Storing and processing fruits and vegetables] Khranenie i pererabotka plodov i ovoshchei. [Rostov-na-Donu] Rostovskoe knizhnoe izd-vo, 1961. 51 p.

Shapiro, D.K., and M.M.Golomshtok. [Harvesting, storing, and simple methods for processing fruit and berries] Uborka, khranenie i prostoishaia pererabotka plodov i iagod. Minsk, Izd-vo Akad. sel'khoz. nauk BSSR, 1960. 55 p. (DNAL)

CANNING INDUSTRY—QUALITY CONTROL

Markh, A.T., and R.V.Krzhevova. [Chemical and technological control of the canning industry] Khimicheskii kontrol' konservnogo proizvodstva. 5. izd., perer. i dop. Moskva, Pishchepromizdat, 1962. 435 p.

CAPILLARIES

Capillaroscopical method for studying the skin cover of the human hand. M.I.Villamovskaia. Biul.MOIP. Otd.biol. 67 no.5;151-152 S-O '62.

CAPILLARIES—PERMEABILITY

Experimental study of the changes in the permeability of the hemato-encephalic barrier and capillaries under the influence of aminazine and insulin. M.IA.Mints'elia. Trudy Gos.nauch.-issl.inst.psikh. 27 242-247 '61.

CAPILLARIES—TESTING

Experimental determination of the throughput of capillary tubes made of L-96 alloy. V.IA.Shapiro. Priborostroenie no.10;28 O '62.

CAPILLARITY

Diffusion of vapors in capillaries. N.N.Fedianin. Izv. vys.ucheb.zav., fiz. 3,89-92 '62.

CAPITAL

(see also subdivision under Ukraine)

Butysin, A.IA. [The economic law of socialist accumulation] Ekonomicheskii zakon sotsialisticheskogo nakopleniia. Moskva, Vysshaia shkola, 1962. 93 p.

CAPITAL EXPORTS see Investments, Foreign

CAPITAL INVESTMENTS

(see also subdivision under Kazakhstan, Ukraine)

Improve the planning of capital investments on state farms. Kh.Iskovych. Sil'.bud. 12 no.10;21 O '62

Improving technology is an important factor in increasing the efficiency of capital investments. N.Morozov, L.Prokofatilova. Ekon.Rad.Ukr. no.4 97-99 Jl-Ag '62.

Potentials of urban construction. E.Samodaev. Ekon.stroi. no.10 21-28 O '62.

Problems of the methodology of accounting for the time factor. V.Cherniavskii. Vest.stat. no.10;30-47 '62

Russia (1923- U.S.S.R.) Gosudarstvennyi nauchno-ekonomicheskii soviet. [Methodology for determining norms for specific capital investments] Metodika opredeleniia normativov udel'nykh kapital'nykh vlozhenii. Moskva, Ekonomizdat, 1962. 72 p.

Some problems of raising the level of economic work in construction. P.Gorbushin. Ekon.stroi. no.10; 28-32 O '62

CAPITAL INVESTMENTS—ACCOUNTING

Accounting for amortization deductions in determining the economic efficiency of capital investments. V.M.Rykov. Teploenergetika 9 no.11;88 N '62

CAPITALISM

(see also subdivision under United States)

"A cross examination of capitalism" [in German] by Christian W.Houck. Reviewed by A.Veber. Mir.ekon.i mezhdunar.otn. no.11 141-145 N '62.

The meaning of our epoch. Sovremennik. Nov.vremia 20 no.15 3-5 N '62

Problems of present-day capitalism, the capitalism of state monopolies. Mir.ekon.i mezhdunar.otn. no.11 54-71 N '62

State capitalism in the interpretation of Soviet economists [with summary in English, pp. 217-218]. L.F.Morozov. Vop.ist. no.10;21-39 O '62.

CAR WHEELS

Insulation of the wheels of a one-rail truck. K.K.Bobritskii, S.A.Myshkovskii. Put' i put.khoz. 6 no.10;42 O '62.

CARAMEL

New developments in the equipment and technology of caramel manufacture in the First Leningrad Confectionery Factory. I.I.Loboda. Khleb.i kond.prom. 6 no.10;7-9 O '62.

CARBAMIC ACID

Using dithiocarbamets in amperometric analysis and investigating their analytical properties. IU.I.Usatenko, K.S.Uvarova. Ukr.khim.zhur. 28 no.3;383-388 '62.

CARBAZOLE

Extraction of carbazoline-thiocyanate complexes of metals. M.M.Tananaiko, G.N.Vinokurova. Ukr.khim zhur. 28 no.5 651-652 '62

CARBOCYANINE DYES

Synthesis of meso-alkyl- and aryl indocarbocyanines and their coloration. N.I.Shirokova, I.I.Levkoev, N.N.Sveshnikov. Zhur.VKHO 7 no.5;587-588 '62.

CARBOHYDRATE METABOLISM

Carbohydrate metabolism in the myocardium in cardiac arrest induced by various methods [with summary in English]. M.Kubka. Grud.khir. no.4;96-99 Jl-Ag '62.

Composition and carbohydrate-phosphorus metabolism of the heart muscle under medication sleep [with summary in English]. L.A.TSeitlin. Uch.zap.Inst.farm. i khimioter.AMN SSSR 2 187-211 '60.

Correlation of the changes in carbohydrate metabolism and the clinical picture during the reserpine treatment of schizophrenia and other mental diseases. V.I.Dolgii. Trudy Gos.nauch.-issl.inst.psikh. 27;226-231 '61.

Some changes in the protein and carbohydrate metabolism of almond buds at low temperatures. K.A.Karapetian. Izv.AN Arm.SSR, Biol.nauki 15 no.7;43-50 '62.

CARBON

Cascade α-particles from carbon nuclei split by 660 Mev protons [with summary in English] A P Zhdanov, P I Fedotov Zhur eksp i teor fiz 13 no 3 835-838 '62

CARBON—ANALYSIS

Experience in organizing mass analyses of carbon in steels Miroslav Marshalek Zav lab 28 no 10 1266-1267 '62

Gas volumetric methods for determining carbon in metals. P I Alekseev, A I Orzhekhovskaia Zav lab 28 no 10 1267-1269 '62

CARBON—ISOTOPES

Effect of drought on the postphotosynthetic transformation of carbon in wheat leaves [with summary in English] I A Tarchevskii, N S Smanova Fiziol. rast 9 no 5 534-541 '62

Field apparatus for studying photosynthesis by the method of tagged atoms with the use of radioactive C^{14}. L. A. Shpota. Uch. zap. Biol.-pochv. fak. Kiz. un. no. 7 65-76 '58.

Godnev, T.N., and A.A Shlyk. [C^{14} in studying the biosynthesis of chlorophyll] C^{14} v izuchenii biosinteza khlorofilla Moskva, 1955 12 p. (Doklady, predstavlennye BSSR na Mezhdunarodnuiu konferentsiiu po mirnomu ispol'zovaniiu atomnoi energii)

Kinetics of C^{14} during the renewal of chlorophyll in barley and tobacco plants [with summary in English] A A Shlyk, V I Gaponenko, T.V Kukhtenko Fiziol rast 9 no 5 521-533 '62

CARBON DIOXIDE

Experimental determination of the relaxation time in the dissociation of carbon dioxide in a shock tube T.V Bazhenova. Dokl AN SSSR 146 no.3 554-556 S '62.

Free carbon dioxide in underground waters [with summary in English]. K.F.Ovchinnikov. Biul.MOIP.Otd. geol 37 no.3:80-89 My-Je '62.

Integral functions of the absorption of long-wave radiation in the atmosphere. Part 1. Absorption by water vapors and CO_2 V.E Zuev. Izv.vys.uch.zav., fiz. 3 49-54 '62

CARBON MONOXIDE—PHYSIOLOGICAL EFFECT

Use of methylene blue in severe carbon monoxide poisoning V.I. Mezhevich, V.I. Oleshkevich. Zdrav Bel. 8 no.5,54-55 My '62.

CARBON MONOXIDE—SPECTRA

Adsorption of carbon monoxide on copper and the structure of its surface compounds from infrared spectrum data. N.N.Kavtaradze, N.P. Sokolova. Dokl.AN SSSR 146 no 6 1367-1369 O '62.

CARBON-NICKEL-IRON ALLOYS see Nickel-iron-carbon alloys

CARBON OXIDE

Determination of hydrocarbons, carbon dioxide and monoxide in krypton-xenon mixture M P Korsh. Zav.lab 28 no 10 1191-1192 '62.

CARBON TETRACHLORIDE

Comparative evaluation of the methods for worming sheep with fasciolasis using difluorotrichloroethane (freon 112) and carbon tetrachloride. D D. Buttianov, Z I Guzman Trudy NIVI 1 179-181 '60

Using oxidation-reduction systems for the initiation of the reaction of 1-octen with carbon tetrachloride R Kh Freidlina, E TS. Chukovskaia Otd. khim nauk no 10 1783-1788 O '62.

CARBONATED BEVERAGES see Soft drinks

CARBONATES

Automatic control of the technologically optimum degree of carbonization of bicarbonate suspensions. A.B Tiutiunnikov and others Khim. prom. [Ukr.] no. 1: 56-60 Ja-Mr '62.

Effect of carbonate salts on the composition and properties of loess [with summary in English]. M.P.Lysenko. Vest.LGU 17 no.18:36-46 '62.

CARBONIC ACID

Skarzhepa, E.A. [Tables for calculating the density, acidity, and amount of carbonic acid in nonalcoholic beverages] Tablitsy dlia vychisleniia plotnosti kislotnosti i soderzhaniia uglekisloty v bezalkogol'nykh napitkakh. Moskva, Pishchepromizdat, 1962. 34 p.

Synthesis of alkylene carbonates S.Z. Levin, A.L. Shapiro, I.S Liubovskii Neftekhimiia 2 no 4 573-576 Jl-Ag '62.

CARBONIZATION

Automatic control of the technologically optimum degree of carbonization of bicarbonate suspensions. A.B Tiutiunnikov and others. Khim. prom. [Ukr.] no. 1: 56-60 Ja-Mr '62.

Bituminization of peat during heating in the presence of alkali and water under pressure. G.E.Fridman, I.M. Pereslent. Trudy IGI 17:47-59 '62.

Semicoking of peat under conditions of high-speed heating. L.P.Malashenko and others. Trudy IGI 17:21-33 '62.

CARBONYLHEMOGLOBIN

Methods for determining the carboxyhemoglobin in the blood for mass studies. B.A. Sobchuk and others. Vrach.delo no.10:112-115 O '62.

CARBURETORS

"Carburetors of internal combustion engines" by V I Gribanov, V A Orlov Reviewed by IU N Iudin Avt prom 28 no 9 15-16 S '62

CARCINOMA see Cancer

CARDIAC ANEURYSMS

Surgical excision of a cardiac aneurysm in a 66-year-old man. D.A. Velikoretskii Grud. khir. no. 4 102-103 Jl-Ag '62.

CARDIAC ARREST see Heart failure

CARDING MACHINES see subdivision under Ivanovo

CARDIOLOGY—EQUIPMENT AND SUPPLIES

"DPA-2" defibrillator, a portable defibrillator with an autonomous power supply. A.M. Klimov Vop elektropat i elektroterap. 1 41-49 '61

"Ks-1" cardiosynchronizer and its use in experimental electropathology I.K Mishchenko, V.IA Pshkin Vop elektropat i elektroterap 1 51-59 '61.

CARDIOVASCULAR SYSTEM

Action of field horsetail on the cardiovascular system. V.I.Kiritina. Trudy Khab.med.inst no.20:219-223 '60.

Disorders of the functional state of the cardiovascular system in children as an index of tuberculosis activity [with summary in English] T G Lebedeva. Vrach. delo no 10:81-86 O '62.

Functional state of the cardiovascular system in peptic ulcer of the stomach and duodenum and the changes in it under the influence of health resort treatment. B.N. Popkov, I.M. Komissarova. Uch. zap. Pyat. gos. nauch.-issl. balneol. inst. 3,107-116 '60.

State of the cardiovascular system in epidemic and parenteral hepatitis [with summary in English]. D.N. Zupnik. Vrach. delo no 10:121-124 O '62

CARDIOVASCULAR SYSTEM—DISEASES

(see also subdivision under Sverdlovsk)

At the 13th scientific session of the Institute of Therapy of the Academy of Medical Sciences of the U.S.S.R. E Epshtein. Zdrav Bel. 8 no 5 66-67 My '62

Basic principles and methods of the health resort therapy of cardiovascular diseases on the southern shore of the Crimea. S.R. Tatevosov. Sov. med. 26 no 8:24-28 Ag '62.

Immediate and late results of treatment in Kislovodsk of neurosis patients with cardiovascular manifestations. T.P. Fedorova. Uch. zap. Pyat. gos. nauch.-issl. balneol. inst 3 247-255 '60.

Nauchnaia konferentsiia po voprosam klimatopatologii v klinike serdechno-sosudistykh zabolevanii, 1st, 1959. [Problems of climatopathology in the clinical aspects of cardiovascular diseases] Voprosy klimatopatologii v klinike serdechno-sosudistykh zabolevanii. Pod red. G.M. Danishevskogo. Moskva, Medgiz, 1961. 231 p. (DNLM)

Thirteenth annual meeting of the Institute of Therapy of the Academy of Medical Sciences of the U.S.S.R. I.K Shkhvatsabaia Vest. AMN SSSR 17 no. 7 89-91 '62.

CARGO HANDLING

(see also subdivision under Odessa, Poti)

From the practice of intradepartmental arbitration organizations. Inform. shor. TsNIIMF no. 71 Mor. pravo i prak. no. 15 56-57 '61.

From the practice of the State Arbitration Agency attached to the Council of Ministers of the U.S.S.R Inform. shor. TSNIIMF no. 71 Mor. pravo i prak. no. 15: 51 '61.

CARICATURES AND CARTOONS

In the struggle for the new man. R. Kirilkov. Iskusstvo 25 no. 8:7-14 '62.

CARLSBAD, CZECHOSLOVAKIA see Karlovy Vary, Czechoslovakia

CARNALLITE—HYDROGEN CONTENT

Rapid method for the determination of hydrogen in dehydrated carnallite. IA.E. Vil'shanskii, E.I. Savinkova, L.S. Bychikhina. TSvet. met. 35 no. 10 80-81 O '62.

CAROTENE

Rapid determining of carotene content by means of the densitometer. I.G. Mokhonchev, L.G. Serdiuk. Izv. vys. ucheb. zav.; pishch. tekh. no. 5:147-150 '62.

CAROTID SINUS—INNERVATION

Effect of streptomycin on the respiratory reflexes appearing during stimulation in chronic experiments on the chemoreceptors of the carotid sinus using lobeline. G.S. Kan, K.A. Pimenova. K izuch. roli nerv. sist. v pat., immun. i lech. tub. no. 2:331-340 '61.

CARP

Role of sight in the schooling behavior of Phoxinus phoxinus L. and Carassius carassius L. G.A. Maliukina, S.P. Aleksandriuk, M. Shtefanesku. Vop. ikht. 2 no. 3 511-516 '62.

CARPATHIAN MOUNTAIN REGION—MINERALOGY

Lazarenko, E.K., M.P. Rabinet, and O.P Slyvko. [Mineralogy of sedimentary formations of the Ciscarpathian region] Mineralogiia osadochnykh utvoren' Prykarpattia [L'viv] Vyd-vo L'vivs'koho univ., 1962. 481 p. [With summary in English]

CARPATHIAN MOUNTAINS—SPRUCE

Tyshkevich, G.L. [Spruce forests of the Soviet Carpathians] Yelovye lesa Sovetskikh Karpat Moskva, Izd-vo Akad. nauk SSSR, 1962 172 p. (DNAL)

CARPATHIAN MOUNTAINS—WORLD WAR, 1939-1945—CAMPAIGNS

Zhukov, G.A. [Road to the Carpathians] Put' k Karpatam. [Moskva] Molodaia gvardiia, 1962. 155 p.

CARPATHO-UKRAINE see Transcarpathia

CARRIAGES AND CARTS

"More o nepalia." Sots. sbesp. 23 no. 10,49 O '62.

CARTHAGE

Punic Carthage in the light of recent archaeological discoveries. V.I. Avdiev. Vest. drev. ist. no. 3:121-134 '62.

CARTOGRAPHY

(see also subdivision under United States)

Egorov, V.V., O.V. Sokolov, and L.V. Tarnovskii. [Compiling and editing maps] Sostavlenie i redaktirovanie kart. Moskva, Geodezizdat, 1962. 238 p.

Problems of cartography in the light of the CPSU program [with summary in English]. K.A. Zvonarev. Vest. LGU 17 no 18 56-62 '62.

CARYOCINESIS see Karyokinesis

CASCADES (FLUID DYNAMICS)

Approximate calculation of aerodynamic cascades. A.N. Sheremet'ev. Izv. AN SSSR, Otd. tekh. nauk, Mekh. i mashinostr. no. 5:10-15 S-O '62.

CASE HARDENING

Accelerating the high-temperature case hardening of steel. V.S. Vasin, V.G. Permiakov. Izv. AN SSSR, Otd. tekh. nauk. Met. i topl. no. 5:92-95 S-O '62.

Nitriding instead of cementation A.A. Borisov Mashinostroitel' no. 10,29 O '62.

Quality of a surface layer subjected to ultrasonic saturation with boron. A.I. Natchuk Trudy Sem. po khim. poverkh. no. 5:108-111 '61.

Strength of steel parts subjected to chemical heat treatment in case of asymmetric cycles of loading. D.S Plenevskii, L.M. Shneerson. Trudy Sem. po khim. poverkh. no. 5:156-162 '61

Using the methods of chemical heat treatment for increasing the wear resistance of surface layers of bearings. Iu.M. Vinogradov, Z.P. Kireeva. Trudy Sem. po khim. poverkh. no. 5:130-145 '61.

CASEIN

Effect of ultraviolet light and casein substratum on the polarographic wave and the catalytic activity of subtilin. I.D. Ivanov, E.P. Rabtseva. Dokl AN SSSR 146 no. 5:1203-1205 O '62

Study of the kinetics of the hydrolysis of casein by crystalline trypsin applicable to a method for determining its activity. S.I. Bezborodova, N.N Chumin. Trudy Len. khim.-farm. inst. no. 13:20-27 '61.

Use of casein coating for refining chrome leather. M.P. Litvinov, A.A. Umanskii. Kozh.-obuv. prom. 4 no. 10,26-28 O '62.

CASPIAN LOWLAND—BORING

Prospects of extra-deep drilling in the Caspian Lowland. Iu. M. Vasil'ev, M.P. Kazakov, M.M. Charygin Razved i okh. nedr 28 no. 5:1-6 My '62.

CASPIAN LOWLAND—GAS, NATURAL—GEOLOGY

Vasil'ov, Iu.M., and O.S. Obriadchikov. [Outlook for finding oil and gas in the Pliocene sediments of the Caspian Lowland] Perspektivy gazoneftenosnosti pliotsenovykh otlozhenii Prikaspiiskoi vpadiny. Pod red. M.M Charygina. Moskva, Gostoptekhizdat, 1962. 179 p.

CASPIAN LOWLAND—PETROLEUM GEOLOGY

Vasil'ov, Iu.M., and O.S Obriadchikov. [Outlook for finding oil and gas in the Pliocene sediments of the Caspian Lowland] Perspektivy gazoneftenosnosti pliotsenovykh otlozhenii Prikaspiiskoi vpadiny. Pod red. M.M. Charygina. Moskva, Gostoptekhizdat, 1962. 179 p.

CASPIAN SEA

On the problem of the optimum level of the Caspian Sea. P.V. Zhilo. Vop. geog. no. 57:81-88 '62.

Significance of economics in solving the "problem of the Caspian Sea." B.A. Apollov. Vop. geog. no. 57:78-93 '62.

CASPIAN SEA—ALGAE

Nomenclature of an interesting and little-known species of the genus Aphanizomenon Mor. A.I. Proshkina-Lavrenko. Bot. mat. Otd. spor. rast. 15:28-32 Ja '62.

CASPIAN SEA—HYDROLOGY

More on the Caspian Sea level. Priroda 51 no.10 113 O '62.

CASPIAN SEA—SEAWATER

Water masses of the Caspian Sea A.N.Kosarev. Vest. Mosk. un.Ser 5 Geog. 17 no 5 45-50 S-O '62.

CASPIAN SEA REGION—PASTURES AND MEADOWS

Seasonal changes in the nutritive value of pasture forage in the Caspian Sea region. I.A.Ermakova. Vest.sel'-khoz nauki [Kazakh.] 5 no.10 42-45 O '62.

CASPIAN SEA REGION—SOILS—ANALYSIS

Soils of the northern shore areas of the Caspian Sea I. I Pachitvina Trudy Inst pochv AN Kazakh SSR 13 38-64 '62

CAST IRON

Nitrogen solubility and content in cast iron. L.I Levi. Lit.proizv. no.10 32-35 O '62.

CAST IRON—MAGNETIC PROPERTIES

Nonmagnetic cast iron inoculated by cerium alloys. I.A Vashukov. Lit.proizv. no.10 36-38 O '62.

CAST IRON—TESTING

Stability of the friction coefficient of modified cast iron under conditions of the contact problem. V.A Alekseeva. Izv.AN SSSR.Otd.tekh.nauk Mekh i mashinostr. no.5:165-167 S-O '62.

CAST IRON—WELDING

Characteristic of methods of welding-up iron castings. P.S.Elistratov. Lit.proizv. no.10 11 O '62.

CAST-IRON PIPE see Pipe, Cast-iron

CAST STONE see Stone, Cast

CASTING see Founding

CASTING, CENTRIFUGAL see Centrifugal casting

CASTING, CONTINUOUS see Continuous casting

CATALASE

Separation of an amorphous and crystalline catalase from waste products of blood serum production. N.N.Chamin, T.I.Dobrynina. Trudy Len.khim -farm.inst no.13:11-14 '61.

CATALOGS, PUBLISHERS see subdivision under Estonia

CATALOGS, UNION

[Union list of new foreign books, received by the libraries of the U.S.S.R. Series B: Social sciences] Svod.ukaz. nov.inostr.knig, postup.v bibl.SSSR. Ser. B: Obshchestv nauki no.2 '62.

CATALONIA—HISTORY

Mil'skaia, L.T [Studies on the history of Catalonian villages from the 10th to the 12th century] Ocherki iz istorii derevni v Katalonii X - XII vv Moskva, Izd-vo Akad nauk SSSR, 1962. 152 p

CATALYSIS

Catalytic action of amino acids and amines in organic reactions. Part 8: Kinetics and mechanism of acetylation of glycocoll by S-acetylthioglycolic acid. A.A. IAsnikov, T.S.Boiko. Ukr.khim.zhur. 28 no.3.347-358 '62.

Investigation of the composition of products of catalytic transformations of hydrocarbons based on Raman spectra. Kh E Sterin, V T. Aleksanian Izv. AN SSSR. Ser. fiz no.10:1319-1320 O '62.

Isotopic exchange of hydrogen between hydrocarbons catalyzed by alcoholates in electron-donor solvents. Dokl.AN SSSR 146

[illegible], Moskva, izd-vo Mosk univ.

No.1 Pt.2 1962. 325 p.

Thermodynamic correlation between the products of thermal catalytic transformations of paraffin hydrocarbons. V.A.Zakharenko. Trudy IGI 17:212-219 '62.

CATALYSTS

Coke formation on an alumina-molybdenum oxide catalyst in the course of high temperature hydrogenation. A.V. Lozovoi, T.I.Markina, S.A.Semavin. Trudy IGI 17: 235-245 '62.

Dehydration of methylcyclopropylcarbinol in the presence of acid catalysts L.Kh Freidlin and others. Izv. AN SSSR. Otd. khim. nauk no.10.1843-1849 O '62.

Hydrogenation of 1-vinylacetylenyl-1-cyclopentanol on platinum and palladium catalysts. T.A. Boroda. Ukr. khim. zhur. 28 no.3.358-362 '62.

New polymers of vinyl ethers. Report No 2 Heterogeneous catalyst of stereospecific polymerization at room temperature M F Shostakovskii and others. Izv. AN SSSR. Otd. khim. nauk no.10:1813-1817 O '62.

Precipitation of a catalyst on soluble glass. Jadwiga Tracz. Khim.v shkole 17 no.4.78 Jl-Ag '62.

CATATONIA

Role of a tuberculous infection in the appearance of a catatonic complex of symptoms, an experimental study. L.N Bushuev Trudy Gos.nauch.-issl. inst.psikh. 21 60-63 '61.

Study of the content of adrenergic substances in the blood as a characteristic of some functions of the vegetative nervous system in the catatonic form of schizophrenia T.A.Goncharova. Trudy Gos.nauch.-issl. inst.psikh 27 127-134 '61.

CATHETERS

Improved catheter for bronchospirometry. N.L.Kuprin. Grud.khir. no.4:114-115 '62.

CATHODES

Effect of the path length of electrons emerging from the depth of an antimony-cesium cathode on the nature of their energy distribution. G.A.Zheludeva. Vest. Mosk.un.Ser.3 Fiz., astr. 17 no.5 3-9 S-O '62.

CATHODES—CONGRESSES

Coordinating conference on fluorescent lamp cathodes. G.N. Rokhlin, V.V. Fedorov. Svetotekhnika 8 no 9: 29-30 S '62.

Interdepartmental conference on the physical principles of cathode electronics. A.P. Balashova and others. Radiotekh. i elektron. 7 no.10:1846-1848 O '62.

CATHOLIC CHURCH

(see also subdivision under Brazil; Colombia)

Atheist's dictionary: Catholicism. Voiov. ateist no.10 50 O '62

Religion and church abroad. Nauka i rel. no.5:50-51 My '62.

CATHOLIC CHURCH—CLERGY

(see also subdivision under Congo, Leopoldville)

Jazz, fashion and prayers. G.Ryklin. Nauka i rel. 4 no.11 51-53 N '62.

CATS see subdivision under Ust-Urt

CATTLE—DISEASES AND PESTS

Character of the infestation of agricultural animals by black flies (family Simuliidae). G F. Dem'ianchenko. Trudy NIVI 1.105-109 '60.

Mass prophylaxis of babesiasis in cattle by means of early (preventive) chemotherapy. P M Mordasov and others Trudy NIVI 1 100-104 '60.

Toxic dystonia from fodder in cattle. S.I.Smirnov. Vetsyk sil'khosp.nauky 5 no.9 82-85 S '62.

CATTLE—PHYSIOLOGY

Changes of some physiological indices in crossbred cattle [in Armenian with summary in Russian]. V B Voskanian Izv. Glav upr sel'khoz. nauk i podgot kad. Arm SSR 5 no 7 81-92 '62.

CATTLE BREEDING see subdivision under Armenia

CAUCASUS—AFFORESTATION

Planting shrubs on bare slopes. M.A. Polozov. Put' i put.khoz 6 no 8:40-41 '62.

CAUCASUS—BIRDS—MIGRATION

Vertical migration of mountain birds. N.N. Drozdov. Priroda 51 no.10:127-128 O '62.

CAUCASUS—BLACK SAND

Attention! Treasure zone. L.Cheshkova. Vokrug sveta no.9:24-26 S '62.

CAUCASUS—BRYOPHYTES

Some species of Caucasian mosses. A.L.Abramova, I.I.Abramov. Bot.mat.Otd.spor.rast. 15:166-170 Ja '62.

CAUCASUS—DOLMENS

Dolmens of the Caucasus. A.M.Obukhov. Priroda 51 no.10:119 O '62.

CAUCASUS—EARTH TEMPERATURE

Recent data on the geothermal characteristics of petroleum and gas deposits in the Caucasus, the problem of geothermal zoning of the Caucasus. G.M. Sukharev, IU.K.Taranukha, S.P.Vlasova. Dokl.AN SSSR 146 no.5.1164-1167 O '62.

CAUCASUS—GEOLOGY, STRUCTURAL

Sutural zone on the northern slope of the southeastern Caucasus. V.I. Bashilov, N.B. Lebedeva. Dokl.AN SSSR 146 no.3:659-661 S '62.

Tectonic pattern and the development of the western part of the southeastern Caucasus. A.V. Dolitskii. Izv.vys.uch.zav.; geol.i razv. 5 no.7:9-21 Jl '62.

CAUCASUS—MADREPORARIA

Scleractina (Hexacorallia) of the Lower Cretaceous in the Caucasus. E.I.Kuz'micheva. Biul.MOIP.Otd. geol. 37 no.3:134-135 My-Je '62.

CAUCASUS—MINERAL WATERS

Basic features of the hydrogeology of the Caucasian mineral waters region. I.IA. Panteleev. Uch.zap. Pyat.gos.nauch.-issl.bal'n.inst. 3:385-398 '60.

Free carbon dioxide in underground waters [with summary in English]. K.F.Orfanidi. Biul.MOIP.Otd. geol. 37 no.3:80-89 My-Je '62.

CAUCASUS—MOLLUSKS, FOSSIL

Neogenic species of the Caucasian genus Retowskia (Mollusca, Pulmonata) A A Steklov Paleont.zhur no 2 71-75 '62.

CAUCASUS—PALEOBOTANY

History of the vegetation of the Greater Caucasus. N.S. Sokolova. Vest.Mosk.un.Ser.5 Geog. 17 no.5 43-44 S-O '62.

CAUCASUS—PETROLOGY

Geological position of granitoid intrusives in the Alaverdi-Shamlug-Akhtala ore deposit. B.S. Vartapetian Izv.AN Arm.SSR.Geol.i geog.nauki 15 no.5 47-57 '62.

CAUCASUS—WATER, UNDERGROUND

Hydrogeological zoning of the central part of the Greater Caucasus. M.I.Vlublevskii. Dokl.AN SSSR 146 no.5.1172-1175 O '62.

CAUCASUS, NORTHERN—AMMONOIDEA

Ammonites of the Lower Cretaceous in the Crimea and Northern Caucasus. V.V.Drushchits. Biul.MOIP. Otd.geol. 37 no.3:128 My-Je '62.

CAUCASUS, NORTHERN—BUILDING MATERIALS INDUSTRY

Problems of a single plan for the development of a construction supply center in the Northern Caucasus economic region. IU.Sokolov. Lit.on.stroi. no.9:6-13 S '62.

CAUCASUS, NORTHERN—ECONOMIC GEOGRAPHY

Maslov, E.P. [The Northern Caucasus; study on the economic geography] Severnyi Kavkaz, ekonomiko-geograficheskii ocherk. Posobie dlia uchitelei. Moskva, Uchpedgiz, 1962. 126 p.

CAUCASUS, NORTHERN—INSCRIPTIONS, GREEK

A Greek medieval inscription from the country of the Alans. IU.Ch.Skrzhinskaia. Viz.vrem. 21 116-118 '62.

CAUCASUS, NORTHERN—MOLLUSKS, FOSSIL

Neogene complexes of land mollusks in the Northern Caucasus. A.A.Steklov. Biul.MOIP.Otd.geol. 37 no.3:134 My-Je '62.

CAUCASUS, NORTHERN—OSTRACODA, FOSSIL

Ostracods from Lower Paleogene sediments in the Northern Caucasus. Shui Dao-I [Hsu tao-I]. Biul. MOIP.Otd.geol. 37 no.3:131 My-Je '62.

CAUCASUS, NORTHERN—PALEOBOTANY

New finds of Neogene flora in eastern Ciscaucasia. T.A.IAkubovskaia. Biul.MOIP.Otd.geol. 37 no.3: 129-130 My-Je '62.

CAUCASUS, NORTHERN—TREES, FOSSIL

Wood of walnut from the Middle Oligocene of the western Caucasus. V G. Gaivoronskii Paleont.zhur no 2 170-173 '62

CAVITATION

Vibration and cavitation in hydraulic machines. S.D. Stopskii. Vest.mashinostr. 42 no.10.26-29 O '62.

CECCANO, ITALY—STRIKES AND LOCKOUTS—SOAP INDUSTRY

Blood in the streets of Ceccano. Alberto Jacovello Ogonek 40 no.25:6-7 Je '62.

CEDRENE

Natural β-cedrene. M.I.Goriaev and others. Dokl.Akad SSSR 146 no.6:1331-1332 O '62.

CELL NUCLEI

Nuclear reorganization of the endomixis type in clones of Cyclidium glaucoma O.F.M. (Holotricha, Pleuronematidae) A.V. IAnkovskii. Nauch.dokl.vys.shkoly biol.nauki no.4 14-19 '62.

"Voyage" of cell nuclei. I.I. Oknina. Nauka i zhizn' 29 no.9:64 S '62.

CELLOPHANE

Experimental cellophane-induced rhabdomyohlastoma TSRM-1 and its biological characteristics. A.N. Studitskii. Dokl.AN SSSR 146 no.3.724-727 S '62.

CELLS

Mechanism of interaction of viruses with cells and immunity to viruses on the cellular level. V.M. Zhdanov Vest.AMN SSSR 17 no.6 5-13 '62.

Relation between RNA and proteins of cellular structures R.R.Akhmetov, V.G.Konaiev. Dokl.AN SSSR 146 no.5:1220-1222 O '62.

CELLS—MOTILITY

Cells of a heart. Isaac Harari. Nauka i zhizn' 29 no.9:70-74 S '62.

CELLULOSE

Effect of the structure of elementary links of modified cellulose during its oxidation. Z.I. Kuznetsova, V.I Ivanov, M.S. Dobrzhinskaia. Izv AN SSSR. Otd khim nauk no.10:1888-1889 O '62.

Hydrolysis of acetal bonds in an acid medium in the compounds modeling some modified celluloses Z I Kuznetsova, V.I Ivanov, M.G. Ovchinnikova. Izv. AN SSSR. Otd. khim nauk no.10.1886-1888 O '62.

CEMENT

Sychev, M.M. [Technical properties of raw cement mixes] Tekhnologicheskie svoistva syr'evykh tsementnykh shikht. Leningrad, Gosstroiizdat, 1962. 135 p.

CEMENT—STANDARDS

Standardization of cement. B.G. Skramtaev, S.M. Rotfak. Standartizatsiia 26 no.10:29-32 O '62.

State standard for cements. Biul. stroi. tekh. 19 no.9:17-20 S '62.

CEMENT—TRANSPORTATION

Equipment for the transportation of cement within a plant. V.IA. Petriuk. Stroi. i dor. mash. 7 no.9:31-35 S '62.

CEMENT GUN

Types of cement guns for concrete mix and mortar planned for 1960-61. Stroi. i dor. mash. 7 no.9:36 S '62.

CEMENT INDUSTRIES—LABOR PRODUCTIVITY

Methodology for planning labor productivity in the cement industry. V.V. Lukoev, V.L. Lubarskaia. Biul. nauch. inform. tsement. promyshl. 5 no.9:3-10 '62.

CEMENTATION (METALLURGY)

Contact reduction of tin from a chloride solution by powdered zinc. V.I. Bufanov, V.N. Krylukova, A.V. Obelchitskii. Trud. Vost. Sib. fil. AN SSSR no.11:19-22 '62.

Kinetics of indium cementation from chloride solutions by powdered zinc. V.N. Krylukova. Trudy Vost. Sib. fil. AN SSSR no.11:23-28 '62.

CEMENTITE

Studying the crystalline structure of cementite by means of electron diffraction analysis. V.I. Gavdin. Dokl. AN SSSR 146 no.5:1068-1070 O '62.

CENTRAL ASIA see Asia, Central

CENTRAL ASIA, SOVIET see Soviet Central Asia

CENTRAL BLACK EARTH REGION—CROP YIELDS

Land improving forest plantations and crop yields. L.S. Pavlovskii. Zemledelie 24 no.9:15-19 S '62.

CENTRAL BLACK EARTH REGION—WINDBREAKS, SHELTERBELTS, ETC.

Land improving forest plantations and crop yields. L.S. Pavlovskii. Zemledelie 24 no.9:15-19 S '62.

CENTRIFUGAL CASTING

Centrifugal casting of large brass lids. V.M. Chebotov, V.D. Baranov. Lit. proizv. no.10:12 O '62.

CENTRIFUGAL PUMPS

Calculating the pressure characteristics of axial helical wheels. V.I. Dumov. Teploenergetika 9 no.11:23-27 N '62.

CENTRIFUGATION

Device for determining the friction coefficient of precipitates moving along the walls of a centrifuge rotor. O.M. Sumatii, V.T. Naumenko. Khim. prom. [Ukr.] no.1:69-72 Ja-Mr '63.

CENTRIFUGES

"Modern industrial centrifuges," by V.I. Sokolov. Reviewed by V.S. Kaminskii. Ugol' 37 no.10:61-62 O '62.

CERAMIC METALS

Contact interaction of metal-like carbides, nitrides, and borides with high-melting metals at high temperatures. G.V. Samsonov, L.V. Shtanikhata, E.A. Shiller. Izv. AN SSSR Otd. tekh. nauk. Met. i topl. no.5:167-180 S-O '62.

Creep of tungsten carbide-cobalt ceramic metal hard alloys. G.S. Kreimer, N.A. Alekseeva, A.I. Baranov. Izv. AN SSSR. Otd. tekh. nauk. Met. i topl. no.5:163-166 S-O '62.

CERAMICS

Kudlaytsev, IU.G., V.I. Melamed, and A.S. Myl'nikov. [Production and use of ceramic articles in the machinery industry] Proizvodstvo i primenenie mineralokeramicheskikh izdelii v mashinostroenii. Pod red. N.F. Kunina i V.I. Melameda. Moskva, Mashgiz, 1962. 157 p.

CERAMICS—ELECTRIC PROPERTIES

Analysis of a hypothesis on electrical aging of rutile ceramics. S.N. Koikov, V.IA. Kunin, A.N. Tsikin. Fiz. tver. tela 4 no.4:1067-1068 Ap '62.

Change of electroconductivity and of the distribution of the electric field potential in rutile ceramics during the process of aging. V.IA. Kunin, L.N. Fomenko, A.N. Tsikin. Fiz. tver. tela 4 no.4:972-976 Ap '62.

CERAMICS—STANDARDS

"Ceramic materials and products." Biul. stroi. tekh. 19 no.10:1-6 O '62.

CEREBRAL ARTERIOSCLEROSIS

Treatment of patients with arteriosclerosis of the cerebral vessels with vasodilators and anticoagulants. V.N. Lavrov. Voen.-med. zhur. no.9:71-72 S '61.

CEREBRAL CORTEX

Characteristics of protein reconstruction in the cerebral cortex as dependent on its functional state. T.I. Shmid. Dokl. AN SSSR 146 no.3:733-736 S '62.

Compensatory hypertrophy of the adrenal glands at different time intervals after partial decortication of the cerebral hemispheres in rats. I.I. Ivanova, P.A. Vander. Nauch. dokl. vys. shkoly, biol. nauki no.1:81-88 '62.

How a nerve fiber is growing. M.S. Volno. Nauka i zhizn' 29 no.9:34-35 S '62.

Increased working capacity of the cortical cells under the influence of conditioned stimuli of varying duration [with summary in English]. S.P. Lyshinus. Biul. eksp. biol. i med. 54 no.6:3-6 Je '62.

Multicomponent primary response in the optical cortex and chiasm of a rabbit. I.M. Mukhamedov. Nauch. dokl. vys. shkoly, biol. nauki no.1:71-77 '62.

CEREBROSIDES

Study of cerebrosides of some neurocutaneal tumors of the human brain [with summary in English]. G.M. Popova, M.Sh. Promyslov. Biul. eksp. biol. i med. 54 no.6:71-74 Je '62.

CEREBROSPINAL FLUID

Effect of vitamin B_{12} on the sugar level in the cerebrospinal fluid in tuberculous meningitis. L.V. Slovonskaia. Vrach. delo no.10,150-151 O '62.

CEREBROVASCULAR DISEASE

Bioelectrical activity of the brain in a disorder of cerebral circulation [with summary in English]. S.N. Savenko, I.N. Lauber. Vrach. delo no.10:48-52 O '62.

Dynamics of the bioelectrical activity of the cerebral cortex in hypertension with chronic cerebral circulatory insufficiency under the influence of treatment by radon baths of varying concentrations. I.V. Shukhova. Uch. zap. Pyat. gos. nauch.-issl. balneol. inst. 4:81-95 '60.

Some pathogenic mechanisms of acute cerebral circulatory disorder [with summary in English]. R.M. Liubimova-Geraimova. Biul. eksp. biol. i med. 54 no.6:21-28 Je '62.

[Vascular pathology of the brain and spinal cord; materials of a joint symposium of the nervous disease clinics of the Kishinev and Second Moscow Medical Institutes] Sosudistaia patologiia golovnogo i spinnogo mozga; materialy ob"edinennogo simpoziuma klinik nervykh bolezni Kishinevskogo i 2-go Moskovskogo meditsinskikh institutov, Kishinev, Gos. izd-vo "Kartia moldoveniaske," 1962. 177 p.
(DNLM)

Vascular reactivity during the treatment with piridin and hexonium of the cerebral forms of hypertension [with summary in English]. Z.N. Drachova, I.P. Zaporozhskii. Vrach. delo no.10:13-18 O '62.

CEREBROVASCULAR DISEASE—JURISPRUDENCE

Military medical expert examination in vascular disorders of the brain. B.F. Glebov. Voen.-med. zhur. no.9:50-51 S '61.

CERESIN

Badyshtova, K.M., A.A. Cheanokov, and G.G. Burmistrov. [Dewaxing of oils] Deparafinizatsiia masel. Moskva, Gostoptekhizdat, 1962. 151 p. (Bibliotechka molodogo rabochego)

CERIUM

Extraction of microamounts of cerium from nitric acid solutions with di- and monotoluoyl esters of methylphosphonic acid. I.V. Ukraintsev, N.P. Rashchenov. Radiokhimiia 4 no.3:289-289 '62.

CERIUM—ISOTOPES

Radiometric determination of the isotope composition of cerium separated from fission products of heavy nuclei. S.V. Belov and others. Radiokhimiia 4 no.3:311-110 '62.

CESIUM CHLORIDE

Separation of tellurium without carrier from a CsCl target irradiated with protons having an energy of 660 Mev. V.N. Rybakov, Van Chuan'-pan [Wang Chuan-p'ing], Min Nam Buk. Radiokhimiia 4 no.3:340-345 '62.

CESTODA see subdivision under Kzyl-Orda Province

CETACEA

Adaptation of cetaceans to swift swimming and the possibility of making use of this adaptation for the purpose of shipbuilding [with summary in English]. A.G. Tomilin. Biul. MOIP. Otd. biol. 67 no.5:10-18 S-O '62.

Bionics and the cetaceans. A.G. Tomilin. Priroda 51 no.10:101-103 O '62.

CEYLON—DESCRIPTION AND TRAVEL

Ancient Lanka today [with English summary in insert]. Vladimir Li. Az. i Afr. segodnia no.10:42-45 O '62.

CEYLON—ECONOMIC CONDITIONS

"Ceylon; dilemmas of a new nation" [in English] by W.H. Wriggins. Reviewed by L.G. Ivanov. Vop. ist. no.10:172-175 O '62.

CEYLON—POLITICS AND GOVERNMENT

Ceylon needs peace. Uduhumbara Saddhatissa Thero. Aziia i Afrika segodnia no.10:29-30 O '62.

CEYLON—RUBBER INDUSTRY

Ancient Lanka today [with English summary in insert]. Vladimir Li. Az. i Afr. segodnia no.10:42-45 O '62.

CHAMAELEONIDAE

A new species of the genus Chamaeleon, Is. I. Chernov. Bot. mat. Otd. spor. rast. 15:80-81 '62.

CHAINS

Study of the kinematic parameters of a roller drive with an inclined drive chain guide. I.I. Chernov, I.V. Kuchuk-Iatsenko, Prom. transport. no.9:115-121 '61.

CHALCIDOIDEA

(see also subdivision under Lazdinskan)

Morphological and biological groups of chalcidoid (Hymenoptera, Chalcidoidea) parasitizing on coccids (Homoptera, Coccoidea) [with summary in English]. I.S. Ignatovich. Ent. obozr. 41 no.2:351-366 '62.

CHALK

Lithological elements of chalk rocks. I.S. Lavushkin. Avt. dor. 25 no.10:9-10 O '62.

CHANDELIERS

Chandeliers made of alabaster. I. Frolovskii. Sov. stroi. no.9:24-25 S '62.

CHANGE OF LIFE IN MEN see Climacteric

CHAPLAINS see subdivision under Germany, West

CHARACTAR see subdivision under Empyrkul'

CHARDZHOU PROVINCE—KARAKUL SHEEP

Some potentialities in the development and distribution of karakul sheep breeding in the Chardzhou Province. N.G. Gracev. Izv. AN Turk. SSR Ser. obshchestv. nauk no.5:57-58 '62.

CHARTISM

Engelsen and the Chartist movement. A.D. Efimov. Nov. i noveish. ist. no.4:160 '62.

CHATYR KUL', LAKE—BIRDS

Birds of the mountain lakes Son-kul' and Chatyr-kul'. A.I. Vedyushkin, I.V. Afanas'eva. Trud. Ser. biol. nauk 1 no.1:80-81 '62.

CHEBYSHEV POLYNOMIALS

Spectral density approximation by Chebyshev polynomials [with summary in English]. A.M. Trokhimenko. Astron. i geod. sb. 21 no.11,1516-1522 N '62.

CHECHEN-INGUSH A.S.S.R.—COMMUNIST PARTY OF THE SOVIET UNION

Aleksandrov, N.I. [Chechen-Ingush Province party organization in the struggle for carrying out the resolutions of the 20th Congress of CPSU, 1956-1958] Checheno-Ingushskaia oblastnaia partorganizatsiia v bor'be za vypolnenie reshenii XX s"ezda KPSS, 1956-1958 gg. Grozный, Chechenо-Ingushskoe knizhnoe izd-vo, 1961. 68 p. (Bibliotechka po istorii Chechenо-Ingushskoi organizatsii KPSS)
(MH)

CHECHEN-INGUSH A.S.S.R.—ECONOMIC CONDITIONS

Aleksandrov, N.I. [Chechen-Ingush Province party organization in the struggle for carrying out the resolutions of [illegible]

CHELEKEN PENINSULA—ROCKS, SEDIMENTARY

Vistelius, A. B., and M. A. Romanova. [Red beds of the Cheleken Peninsula; lithostratigraphy and geology] Krasnotsvetnye otlozhenila poluostrova Cheleken, litostratigrafiia i geologicheskoe stroenie. Moskva, Izd-vo Akad. nauk SSSR, 1962. 226 p.

CHELYABINSK—EMPLOYEES, TRAINING OF

Workers examinations. A. Smirnov. Mol. kolkhoznik no. 10:28-29. O '62.

CHELYABINSK—GRAIN ELEVATORS

They mechanized the work on an asphalted platform. L. Virnik. Muk.-elev. prom. 28 no. 9:28. S '62.

CHELYABINSK—RADIO AUDIENCES

"Your friends write to you." A. Panov. Sov. rad. i tel. 6 no. 5:17-18 '57.

CHELYABINSK—RADIO IN AGRICULTURE

Technological innovators speak. A. Panov. Sov. rad. i tel. 6 no. 4:25 '57.

CHELYABINSK—RADIO PROGRAMS

For radio listeners of the southern Urals. A. Fedorov. Sov. rad. i tel. 6 no. 5:19 '57.

CHELYABINSK—ROLLING MILLS

Potential means of lowering production costs. N. Volkov. Agitator no. 22:41-43 N '62.

CHELYABINSK BASIN—COAL—ANALYSIS

Method of determining the degree of oxidation and the likelihood of spontaneous combustion of coals from the Korkino open-pit mine. N. A. Shchukina. Shor. rab. po silik. no. 3:87-89 '61.

CHELYABINSK BASIN—COAL MINES AND MINING

Controlling dust formation in the Korkino open-pit mine. K. V. Kochnev, N. A. Reznikov, S. S. Filatov. Shor. rab. po silik. no. 3:79-85 '61.

Use of the short-delay blasting method for driving inclines. M. K. Bal'kin, D. T. Kovalev. Ugol' 37 no. 11:18-20 N '62.

CHELYABINSK BASIN—COAL PREPARATION—HYGIENIC ASPECTS

Dust content of the air in the Korkino Coal Preparation Plant. I. P. Kuznetsov. Shor. rab. po silik. no. 3:177-179 '61.

CHELYABINSK BASIN—MINE DUSTS

Preventing dust formation and keeping down floating dust in the Korkino open-pit mine. K. V. Kochnev, Z. G. Sheina, G. G. Fedorova. Shor. rab. po silik. no. 3:108-117 '61.

Ventilation for dust removal in stopes of coal mines. T. K. Efremova, N. P. Il'ina. Shor. rab. po silik. no. 3:209-215 '61.

CHELYABINSK PROVINCE—BOTANY

"Materials on higher plants of Chelyabinsk Province" by K. G. Mallutin. Reviewed by P. L. Gorchakovskii, B. P. Kolesnikov. Bot. zhur. 47 no. 8:1211-1217 Ag '62.

CHELYABINSK PROVINCE—LEPTOSPIROSIS

Some data on anicteric leptospirosis in Chelyabinsk Province [with summary in English]. V. A. Malyshev, Z. IA. Nazarova. Zhur. mikrobiol., epid. i immun. 33 no. 4:62-64 Ap '62.

CHEMICAL BONDS

Unusual manifestations of the mutual influence of atomic groups in spectra of complex molecules. P. P. Shorygin, E. M. Popov. Dokl. AN SSSR 146 no. 5:1132-1135 O '62.

CHEMICAL ELEMENTS

Fluorescence analysis of inorganic substances (survey). D. P. Shcherbov. Zav. lab. 28 no. 10:1158-1172 '62.

Theory of complex-forming chromatography and its application to the separation of similar elements. S. IU. Elovich. Izv. AN SSSR. Otd. khim. nauk no. 9:1538-1545 S '62.

CHEMICAL ELEMENTS—CONGRESSES

Conference on the chemistry of rare elements. A. A. Makarenia. Zhur. VKHO 7 no. 5:574-575 '62.

CHEMICAL INDUSTRIES

(see also subdivision under Ukraine, White Russia)

Use of computer devices for optimum control over processes in the chemical industries (survey). V. P. Borodiuk, V. S. Kortov. Zav. lab. 28 no. 10:1211-1217 '62.

CHEMICAL INDUSTRIES—BY-PRODUCTS

Thermochemical processes taking place during the heating of belite slime. A. S. Brodko. Khim. prom. [Ukr.] no. 1:43-46 Ja-Mr '62.

CHEMICAL INDUSTRIES—FINANCE see subdivision under Dnepropetrovsk Province

CHEMICAL INDUSTRIES—QUALITY CONTROL

Some types of quality control instruments manufactured by firms in France. B. M. Gavrilov. Khim. prom. [Ukr.] no. 1:91-94 Ja-Mr '62.

CHEMICAL KINETICS see Chemical reaction, Rate of

CHEMICAL LABORATORIES

Interrepublic school of workers of analytical laboratories of the lead-zinc industry. N. A. Filippova. Zav. lab. 28 no. 10:1276-1277 '62.

Our experience in competing for the title of communist labor. N. S. Kozachenko. Zav. lab. 28 no. 10:1262-1263 '62.

Work of the Central Factory Laboratory fulfilling the decisions of the 22d Congress of the CPSU. V. V. Porodnev, S. IU. Sizov, IU. A. Svetlov. Zav. lab. 28 no. 10:1265 '62.

CHEMICAL LABORATORIES—EQUIPMENT AND SUPPLIES

Electric glass cutter for tubes and cylindric containers. L. A. Cherninskii. Khim. i tekhnol. 17 no. 1:67-68 Ja-Ag '62.

CHEMICAL PLANTS—FIRES AND FIRE PREVENTION

New norms. Pozh. delo 8 no. 10:11 O '62.

CHEMICAL REACTION, RATE OF

Method of calculating reaction rates based on the structure of reacting molecules. S. S. Iliukhin. Izv. AN SSSR Otd. khim. nauk no. 10:1748-1750 O '62.

CHEMICAL STRUCTURE

Effect of the structure on the optical characteristics of derivatives of some five-membered heterocycles. L. M. Kutsyna and others. Izv. AN SSSR. Ser. fiz. no. 10:1304-1305 O '62.

Estimation of the error in the values of interatomic distances obtained by the radial distribution method. A. A. Babad-Zakhapin, N. S. Gorbunov, V. I. Izvekov, Izv. AN SSSR, Otd. khim. nauk no. 9:1673-1674. S '62.

Infrared spectroscopy method for determining the number of methyl and methylene groups in organic compounds containing a heteroatom. B. V. Lopatin, I. P. IAkovlev. Izv. AN SSSR. Ser. fiz. no. 10:1268-1269 O '62.

CHEMICAL WARFARE

Chamber for training purposes. V. Poletaev. Voen. vest. 12 no. 10:113 O '62.

Chemists compete. V. Nesterov. Voen. vest. 12 no. 10:53-55 O '62.

CHEMICAL WORKERS see subdivision under Voronezh

CHEMICALS

Bulgakov, N. V., and G. I. Kutlanin. [Introduction, Plastics, Commercial Chemicals] Vvedenie, Plasticheskie massy, Khimiko-moskatel'nye tovary. Moskva, Gostorgizdat, 1962. 368 p. (Tovarovedenie promyshlennykh tovarov)

CHEMISTRY see subdivision under Moldavia

CHEMISTRY—ABSTRACTS

[Chemistry] Ref. zhur.: Khim. nos. 19-21 O-N '62, Avtorskii ukazatel' za 1961g., vol. 2.

CHEMISTRY—AUDIO-VISUAL AIDS

Some means to improve visual aids in chemistry. V. V. Bel'di. Khim. v shkole 17 no. 1:49-59 Ja-Ag '62.

CHEMISTRY—BIBLIOGRAPHY see Bibliography—Chemistry

CHEMISTRY—EXPERIMENTS

"Lecture experiments in chemistry" by G. Fowles. Translated from the English. Reviewed by K. IA. Parmenov. Khim. v shkole 17 no. 4:90-93 Ja-Ag '62.

CHEMISTRY—PUNCHED CARD SYSTEMS see Punched card systems—Chemistry

CHEMISTRY—STUDY AND TEACHING

(see also subdivision under Poland)

Aids for chemistry teachers to be published by the Academy of Pedagogical Sciences of the R.S.F.S.R. in 1962. V. Pat'lanov. Khim. v shkole 17 no. 4:66 Ja-Ag '62.

Combining study with productive work as the most important principle of communist education. D. M. Tveritinov. Khim. v shkole 17 no. 4:38-44 Ja-Ag '62.

Connection between the study of chemistry, life, and the development of communism. E. A. Gorshkova. Khim. v shkole 17 no. 1:45-48 Ja-Ag '62.

Direct and reverse associations arising during the study of chemistry. P. M. Erdniev. Khim. v shkole 17 no. 4:34-36 Ja-Ag '62.

Editor's mail. A. S. Trufanova and others. Khim. v shkole 17 no. 4:87-89 Ja-Ag '62.

Knowledge of substances and phenomena by students starting to study chemistry in the seventh grade. P. A. Glotozov. Khim. v shkole 17 no. 4:25-33 Ja-Ag '62.

Russia (1917- R.S.F.S.R.) Ministerstvo prosveshcheniia. [Programs of the eight-year school; chemistry] Programmy vos'miletnei shkoly, khimiia. Moskva, Uchpedgiz, 1962. 17 p.

Russia (1917- R.S.F.S.R.) Ministerstvo prosveshcheniia. [Secondary school programs for the 1962-1963 school year; chemistry] Programmy srednei shkoly na 1962/63 uchebnyi god; khimiia. Moskva, Uchpedgiz, 1962. 21 p.

School evenings dedicated to chemistry. I. I. Zaikovskii. Khim. v shkole 17 no. 4:70-73 Ja-Ag '62.

CHEMISTRY, ANALYTICAL

Exchange of experience. Zav. lab. 28 no. 10:1192-1193 '62.

Fluorescence analysis of inorganic substances (survey). D. P. Shcherbov. Zav. lab. 28 no. 10:1158-1172 '62.

CHEMISTRY, INORGANIC—LABORATORY MANUALS

Tarasenko, M. I., and others. [Laboratory work in inorganic chemistry] Praktikum po neorganicheskoi khimii. Moskva, Vysshaia shkola, 1962. 219 p.

CHEMISTRY, METALLURGIC

Chemical reactions between sulfates and sulfides of zinc and cadmium. V. P. Kochkin, D. M. Chizhikov, IU. V. Rumiantsev. Trudy Vost. Sib. fil. AN SSSR no. 41:99-107 '62.

CHEMISTRY, ORGANIC

Fourth All-Union Conference on the Electrochemistry of Organic Compounds. M. IA. Fioshin, L. G. Feokritov. Zhur. VKHO 7 no. 5:568-570 '62.

Nenitescu, C. D. [Organic chemistry. Translated from the Rumanian] Organicheskaia khimiia. Moskva, Izd-vo inostr. lit-ry.

Vol. 1. Pod red. M. I. Kabachnika. 1962. 863 p.

News of science and technology. Zhur. VKHO 7 no. 5:562-567 '62.

Pavlov, B. A., and A. P. Terent'ev. [Course in organic chemistry] Kurs organicheskoi khimii. Izd. 4, stereotipnoe, ispr. Moskva, Goskhimizdat, 1962. 592 p.

CHEMISTRY, PHYSICAL AND THEORETICAL

Esin, O. A., and P. V. Gel'd. [Physical chemistry of pyrometallurgical processes] Fizicheskaia khimiia pirometallurgicheskikh protsessov. Sverdlovsk, Metallurgizdat.

Part I. [Reactions between gaseous and solid phases] Reaktsii mezhdu gazoobraznymi i tverdymi fazami. 2., ispr. i dop. izd. 1962. 671 p.

CHEMISTRY, TECHNICAL

Bolotskii, V. A., and I. P. Kirichenko. [Chemical methods in mining] Khimiia—rudokop. Moskva, Izd-vo "Znanie," 1962. 39 p. (Novoe v zhizni, nauke tekhnike. IV Serila: Tekhnika, no. 16)

Chemistry at the service of railroad transportation. S. G. Vedenkin. Khim. v shkole 17 no. 4:14-24 Ja-Ag '62.

Chemistry builds a bridge to the future. V. Kargin. Av. i kosm. 15 no. 9:84-85 '62.

Development of the automation of chemical processes. Vest. AN SSSR 32 no. 10:96 O '62.

CHEMOTHERAPY

Mass prophylaxis of babesiasis in cattle by means of early (preventive) chemotherapy. P. M. Mordasov and others. Trudy NIVI 1,100-104 '60.

Paradoxical action of the protective functions of the body during chemotherapy in tuberculosis. N. A. Shmelev. Vest. AMN SSSR 17 no. 5:52-58 '62.

CHEPETSKIY REGION—LUMBERING

Possibilities of reducing the loss of merchantable lumber at lumbering camps. S. A. Dmitrovskii. Les. khoz. 15 no. 6:37-39 Je '62.

CHEPTSA VALLEY—VOTIAKS

Social and economic relations in the Udmurt regions of the Cheptsa Valley in the late 17th and early 18th centuries. V. L. Bushueva. Ist. SSSR 6 no. 4:118-127 Jl-Ag '62.

CHEREMNYKH, MIKHAIL MIKHAILOVICH, 1890-1962

M. M. Cheremnykh; obituary. Iskusstvo 25 no. 9:80 '62.

CHEREMSHANKA REGION (CHELYABINSK PROVINCE)—GRAPTOLITES

Find of graptolites in coal-quartzite shales of the Cheremshanskoye deposit. K. G. Borodina, T. N. Koren'. Izv. AN SSSR Ser. geol. no. 10:84-86 O '62.

CHEREPOVETS—STEEL INDUSTRY

Formation of the economic relations of the Cherepovets metallurgical center. D. S. Zusikov. Vop. geog. no. 57:215-225 '62.

CHERKASSY PROVINCE—BEETS

Seasonal work and methods of efficient use of labor on state beet seed farms. I. B. Pylypchenko. Pyt. ekon. sil'. hosp. URSR no. 4:68-71 '61.

CHERKASSY PROVINCE—COLLECTIVE FARMS—INCOME DISTRIBUTION

Rate schedule under the conditions of cash payment to collective farmers. M. V. Lozovs'kyi. Pyt. ekon. sil'. hosp. URSR no. 4:48-52 '61.

CHERKASSY PROVINCE—RUSSIAN LANGUAGE—DIALECTS

Magin, V. A. [Study of the Cherkassy speech on the basis of historical and present-day data; phonetics and morphology] Ocherk cherkasskogo govora po istoricheskim i sovremennym dannym; fonetika i morfologiia. Taganrog [Obipoligrafizdat] 1960. 239 p. (MH)

CHERKASSY PROVINCE—TILLAGE
Stubble-entry tillage of fall-plowed fields as an important factor for increasing farm crop yields. S.S. Rubin, I.M. Karasiuk. Visnyk sil'hosp nauky 5 no.9:42-48 S '62.

CHERNIGOV PROVINCE—LARCH
Accretion of root systems and healing of stumps in dense plantations of the Siberian larch. S.G. Cheremskoi. Agrobiologiia no.3:450-451 My-Je '62.

CHERNIGOV PROVINCE—ORTHODOX EASTERN CHURCH—CLERGY
The life of his Eminence the Archbishop Andrei, M. Khomenko. Nauka i rel. no.5,62-64 My '62.

CHERNIGOV PROVINCE—RURAL CONDITIONS
There is a village in the Desna Valley. Mykola Romanika. Ukraina no.21:12-13 N '62.

CHERNIKHOV, IULII ABELEVICH, 1892-
Iulii Abelevich Chernikhov, on the 70th anniversary of his birth. Zav. lab. 28 no.10:1279-1280 '62.

CHERNOVTSY—ATHEISM
The highest reward. D. Korchak'kyi. Volov ateist no.10:36-37 O '62.

CHERNOVTSY—GEOGRAPHICAL MUSEUMS
Chernovtsy. Chernivets'kyi derzhavnyi kraieznavchyi muzei. [Guide to the State Local Geography Museum of Chernovtsy] Putivnyk. Kyiv, Derzhpolitvydav URSR 196 p.

CHERNOVTSY—TESTING LABORATORIES
Assistance of state testing laboratory to collective and state farms and industrial enterprises. A.S. Kovekhov. Izm. tekh. no.10:59-60 O '62.

CHERNOVTSY PROVINCE see Bukovina

CHERNOZEM SOILS
(see also subdivision under Aktyubinsk Province, Kamo District)
Sulfate mobilization in leached Chernozem soils. E.P. Tikhova. Nauch. dokl. vys. shkoly, biol. nauki no.1:192-195 '62.

CHERNYAKHOV DISTRICT—RELIGION
We ourselves create our destiny by our work. Nadia Zahlada. Volov. ateist no.10:4-5 O '62.

CHERNYSHEVSKII, NIKOLAI GAVRILOVICH, 1828-1889
Ermilova, T. [Problem of the beautiful in N.G. Chernyshevskii's novel "Prolog."] Problema ideala proekt nashego v romane N.G. Chernyshevskogo "Prolog." Gor'kii, Gor'kovskii gos. pedagog. in-t im. A.M. Gor'kogo, 1960. 77 p.
(MH)

CHERRY see subdivision under Siberia, Western

CHERRY BREEDING
Genetic characteristics of sour cherry and sweet cherry hybrids. O.S. Zhukov. Trudy PSGL 7,72-81 '61.

CHESS—END GAMES
Averbakh, IU., ed. [Chess endings; queen, rook against a minor piece] Shakhmatnye okonchaniia, ferzevye, ladeinye protiv legkoi figury. Moskva, Fizkul'tura i sport, 1962. 335 p.
More but not merrier. I. Maksimov. Nauka i zhizn' 29 no.6:108 Je '62.

CHESS—TOURNAMENTS
Before the intermission. S. Flor. Ogonek 40 no.22:7 My '62.
Points, points!... S. Flor. Ogonek 40 no.25:26 Je '62.
Watch out, leaders! S. Flor. Ogonek 40 no.23:30-31 Je '62.

CHESS PROBLEMS
Chess competition. Znan. ta pratsia no.10:31 O '62.
Through the prism of chess. I. Linder. Nauka i zhizn' 29 no.9:110 S '62.

CHEST—BLOOD SUPPLY
Transcutaneous phlebography of the thorax. V.T. Apolan. Khirurgiia no.9:109-114 '62.

CHEST—SURGERY
Management of the time of operation in extensive thoracoplasties [with summary in English]. IU.N. Shanin, V.I. Sipchenko. Khirurgiia no.9:102-107 '62.
Prognostic significance of electrocardiography in thoracic surgery under anesthesia. E.A. Bogdanova. Khirurgiia no.9:78-83 '62.
Selective inferior thoracoplasty in pulmonary tuberculosis of the lower lobe [with summary in English]. A.L. Suslova. Vrach. delo no.10:72-76 O '62.

CHEST—WOUNDS AND INJURIES
Case of a chest wound with impaired integrity of the internal thoracic artery and vein and wounds of the lung and heart. I.G. Klimniuk. Khirurgiia no.9:136 '62.

CHEYLETIDAE
Materials on the taxonomy of predatory mites of the family Cheyletidae. Report No.1: Genus Neocaligepelis Volgin, gen. nov. [with summary in English]. V.I. Volgin. Ent. obozr. 41 no.4:685-691 '62.

CHICKEN POX
Acute severe course of Werlhof's disease in a girl with chicken pox. V.V. Lesteva. Pediatriia no.6:90-91 '62.
Hemorrhagic crises following chicken pox. V.N. Veitsner, N.S. Fialiak. Pediatriia no.6:91-93 '62.

CHIGORIN, IULII
One moment. A. Starkov. Ogonek 40 no.41:12-13 O '62.

CHILD PSYCHIATRY
History of the development of the preventive trend in child psychiatry. V.M. Lupandin. Trudy Gos. nauch.-issl. inst. psikh. 27,361-372 '61.

CHILD STUDY
Developing feeling. P. IAkobson. Semia i shkola 17 no.10:13-15 O '62.
Electromyographic research on "spontaneous" speech in man. N.V. Sukhanova. Dokl. APN no.3:107-110 '62.
Figure-ground discrimination by preschool children. Report No.3. Differentiating form in the process of construction. V.P. Sokhina. Dokl. APN no.3:91-94 '62.
Idashkin, IU.V. and O.A. Konopkin. [How to overcome absent-mindedness] Kak pobedit' rasseiannost'. Moskva, Izd-vo "Znanie," 1962. 31 p. (Novoe v zhizni, nauke, tekhnike. XI Seriia: Pedagogika, no.10)

CHILDBIRTH—PSYCHOLOGY
Shishkova, V.N. [Psychoprophylaxis of pains during labor] Psikhoprofilaktika boli pri rodakh. Izd.2. Moskva, Medgiz, 1962. 36 p. (Nauchno-populiarnaia meditsinskaia literatura)
(DNLM)

CHILDREN—CARE AND HYGIENE
(see also subdivision under Leningrad)
Pneumonia in children. P. Tambovtsev. Semia i shkola 17 no.10:47-48 O '62.
Role of the physical education of children in preventing diseases. A.F. Tur. Vest. AMN SSSR 17 no.5:58-63 '62.
Some problems in the organization of medical service for children. S.V. Kurnashev. Sov. zdrav. 21 no.10:3-11 '62.

CHILDREN—DISEASES
Influence of some infections on antitoxic immunity against diphtheria. M.M. Raskin. Zhur. mikrobiol., epid. i immun. 33 no.8,132-133 Ag '62.

CHILDREN—GROWTH
[Materials on the physical development of children and youths in some cities and rural settlements of the U.S.S.R.] Materialy po fizicheskomu razvitiiu detei i podrostkov nekotorykh gorodov i sel'skikh mestnostei Soiuza SSR. Pod red. A.IA. Gol'dfel'd, A.M. Merkova, A.G. TSeitlina. Moskva, Medgiz.
No.1. 1962. 374 p.

CHILDREN—LANGUAGE
Gvozdev, A.N. [Problems in the study of children's speech] Voprosy izucheniia detskoi rechi. Moskva, Izd-vo Akad. pedagog. nauk RSFSR, 1961. 471 p.
(CLU)

CHILDREN—MANAGEMENT
(see also subdivision under Tallinn)
As in the family. IU. Azarov. Semia i shkola 17 no.10:6-9 O '62.
Diary of a class adviser (to be continued). N. Mikhailova. Shkola-int. no.5:66-73 S-O '62.
Editor's mail. T. Khrenova, A. Presman. Semia i shkola 17 no.10:38-39 O '62.
From little things to big things. F. Kirsanova. Shkola-int. no.5:33-36 S-O '62.
Role of work and civic training in a school. V. Belykh. Shkola i proizv. 6 no.10:62 O '62.
We inculcate the habits of communist behavior. N. Panova. Shkola-int. no.5:14-21 S-O '62.

CHILDREN—MORTALITY see subdivision under Khabarovsk

CHILDREN—RELIGIOUS LIFE see subdivision under Nyvochyk

CHILDREN—SLEEP
Effect of active play and physical exercise on the night sleep of younger boarding school students. A.A. Guzhalovskii. Dokl. APN no.3:115-118 '62.

CHILDREN—SURGERY see subdivision under Orel Province

CHILDREN, DEAF
Study of motor reactions and hand movements in deaf students. A.O. Kostanian. Dokl. APN no.3:119-122 '62.

CHILDREN'S CLUBS
[Children's section of a club] Detskii sektor kluba. [Moskva] Profizdat, 1962. 70 p. (Bibliotechka klubnogo rabotnika "Rabochii klub")

CHILDREN'S ENCYCLOPEDIAS AND DICTIONARIES
"Children's encyclopedia." Volume 9. Reviewed by L. Alpaeva. Semia i shkola 17 no.10:42-43 O '62.

CHILDREN'S LITERATURE
Do your children know these books? Semia i shkola 17 no.10:42-43 O '62.
L.N. Tolstoi on children's literature. E. Beklei. Shkola-int. no.5:91-93 S-O '62.
Let's live like the heroes of favorite books. N. Studinskaia. Shkola-int. no.5:50-52 S-O '62.
Verse with a bright cover. Vladimir Feinberg. Semia i shkola 17 no.10:31-32 O '62.
The "Young Guards" of workers and peasants. IU. Melent'ev. Mol. kommunist no.10:60-66 O '62.

CHILDREN'S PLAYS
Good luck! Nadezhda Likhacheva. Semia i shkola 17 no.10:32-34 O '62.

CHILE—SOCCER
"Dry leaf" and footballs. Lev Kassil'. Ogonek 40 no.25:25 Je '62.

CHILIK VALLEY—PARASITES—MOLLUSKS
Biology of Brachylaemus fuscatus (Rud., 1819). N.I. Sumenkova. Trudy Inst. zool. AN Kazakh. SSR 16:166-168 '62.

CHILIK VALLEY—TREMATODA
Biology of Brachylaemus fuscatus (Rud., 1819). N.I. Sumenkova. Trudy Inst. zool. AN Kazakh. SSR 16:166-168 '62.

CHIMKENT PROVINCE—DAIRYING
Specialization in vegetable and dairy farming in Chimkent Province. IU.V. Tikhomirova. Vest. sel'khoz. nauki [Kazakh.] 5 no.8:16-20 Jl '62.

CHIMKENT PROVINCE—VEGETABLE GARDENING
Specialization in vegetable and dairy farming in Chimkent Province. IU.V. Tikhomirova. Vest. sel'khoz. nauki [Kazakh.] 5 no.8:16-20 Jl '62.

CHIN—ABNORMITIES AND DEFORMITIES
Correction of micrognesia caused by ankylosis of the temporomandibular joint. G.I. Semenchenko. Trudy Nauch.-issl. inst. atom. no.10:18-24 '62.

CHINA—AGRICULTURE
Information bulletin of the Central Statistical Administration of the Chinese People's Republic. Biul. ogit. [Bel.] no.28:40-41 S '62.

CHINA—BIBLIOGRAPHY
"History of bibliography in China" by Yao Ming-ta. Reviewed by A.M. Kalgurodov. Sov. bibl. no.4:117-118 '62.

CHINA—CHRISTIANITY
"Come wind, come weather; the present experience of the church in China" [in English] by Leslie Lyall. Reviewed by A.A. Moulon. Nar. Az. i Afr. no.5:200-202 '62.

CHINA—COAL MINES AND MINING
Practice of rapid development of planned capacities of coal mines in the Chinese People's Republic. I.A. Leonenko. Izv. vys. uchеb. zav., gor. zhur. 5 no.8:182-185 '62.

CHINA—COINS, BYZANTINE
A Byzantine gold coin found in a grave of the Sung period. Ilsia Nat. Viz. vrem. 21 170-182 '62.

CHINA—DESCRIPTION AND TRAVEL
Kochetov, V.A. [Hands of the people; from a Chinese diary] Ruki naroda; iz kitaiskogo dnevnika. Moskva, Sovetskii pisatel', 1961. 299 p.
(MH)

CHINA—ECONOMIC CONDITIONS
Confident march toward a great goal; on the 10th anniversary of the Chinese People's Republic. G. Naprov. Biul. ogit. [Bel.] no.25:38-41 S '59.
New way of life in China. Ukraina no.10:8 S '62.

CHINA—FOREIGN RELATIONS—RUSSIA
Interference of the imperialist powers in Soviet-Chinese negotiations of 1917-1918 [with summary in English, p.233]. S.S. Khuseinov. Nar. Az. i Afr. no.5:83-91 '62.
Kazanin, M.I. [Notes of a secretary of a mission; from the early history of Soviet diplomacy] Zapiski sekretaria missii; stranichka istorii pervykh let sovetskoi diplomatii. Moskva, Izd-vo vostochnoi lit-ry, 1962. 157 p.
Results of a study of the Amur Basin. Vest. AN SSSR 32 no.10:94-96 O '62.

CHINA—FOREIGN RELATIONS—UNITED STATES
"Recognition of Communist China?" by R. Newman; "Awakened China; the country Americans don't know." By F. Greene [both in English]. Reviewed by A. Ninin. Az. i Afr. segodn. no.10:62-63 O '62.

CHINA—HISTORY
Assault on Tungning, a county seat in Manchuria, September 6, 1933. Ho, Pong-hak. Voen -ist. zhur. 4 no. 10;74-78 O '62.

CHINA—HISTORY—BIBLIOGRAPHY
"Catalogue of translations from the Chinese dynastic histories for the period 220-960" [in English] by H H Frankel. Reviewed by Z G Lapina Nar Az i Afr no 5.209-210 '62

CHINA—KHITANS
The nomadic social and economic structure in the Khitan Empire. L.L.Viktorova. Mat.po Otd.etn. Geog.ob-va SSSR no.1,31-36 '61.

CHINA—MOTION PICTURES
New Chinese motion pictures. G. Linnik. Az. i Afr. segno. 10;53 O '62.

CHINA—POLYPORACEAE
Two interesting polyporaceous fungi found in China. A.S.Bondartsev. Bot.mat.Otd.spor.rast. 15:99-103 Ja '62.

CHINA—RADIO STATIONS
Guests of Chinese friends. A. Ketkov. Sov.rad.i tel. 6 no.1 23-25 '57.

CHINA—RELATIONS (GENERAL) WITH RUSSIA
Fraternal peoples. T. Skvortsov-Tokarin. Az. i Afr. segno. 10;7-8 O '62.

CHINA—TAXATION
"The taxation system of the Chinese People's Republic" by A. I. Chetukhov Reviewed by E K Nar Az i Afr no 5 205 '62

CHINA—VETERINARY MEDICINE
Veterinary service in the Chinese People's Republic A. A Alenkovich Trudy NIVI i 321-329 '60.

CHINESE LANGUAGE—GRAMMAR
Dragunov, A A. [Grammar of modern spoken Chinese] Grammaticheskaia sistema sovremennogo kitaiskogo razgovornogo iazyka [Leningrad] Izd-vo Leningr. univ., 1962. 270 p.

Gorelova, E. N., and V. I. Gorelov. [The Chinese language] Kitaiskii iazyk. Moskva, Izd-vo in-tn mezhdunarodnykh otnoshenii, 1962. 99 p. (IAzyki narodov mira)

CHINESE LANGUAGE—PHONETICS
Gal'tsev, I. N. [Introduction to the study of the Chinese language] Vvedenie v izuchenie kitaiskogo iazyka. Moskva, Izd-vo lit-ry na inostr. iazykakh, 1962. 318 p. (Biblioteka filologa)

CHINESE LANGUAGE—SPOKEN CHINESE
Dragunov, A.A. [Grammar of modern spoken Chinese] Grammaticheskaia sistema sovremennogo kitaiskogo razgovornogo iazyka. [Leningrad] Izd-vo Leningr. univ , 1962 270 p.

CHINESE LANGUAGE—WRITING
Gal'tsev, I. N. [Introduction to the study of the Chinese language] Vvedenie v izuchenie kitaiskogo iazyka. Moskva, Izd-vo lit-ry, na inostr. iazykakh, 1962. 318 p. (Biblioteka filologa)

CHINESE LITERATURE—HISTORY AND CRITICISM
Was there "a stage of oratory art" in the history of Chinese literature [with summary in English, p 235]. V.A Rubin. Nar. Az. i Afr. no. 5,133-141 '62.

CHINESE LITERATURE—TRANSLATIONS FROM FOREIGN LANGUAGES
"Catalogue of translations from the Chinese dynastic histories for the period 220-960" [in English] by H. H. Frankel Reviewed by Z. G. Lapina Nar Az. i Afr no 5 209-210 '62

CHIPAYA INDIANS
People who live in the past. R. B. Camacho. Nauka i zhizn' 29 no. 6;86-87 Je '62.

CHIPMUNKS
Geographical variability of chipmunks (Eutamias sibiricus Lexm.) in the U. S. S. R. E. V. Zubchaninova. Nauch. dokl. vys. shkoly, biol. nauki no. 4;41-45 '62.

CHITA—RUSSIAN SOCIAL DEMOCRATIC PARTY
How L. Tolstoi's social and political works were used in the revolutionary propaganda of the first Social Democrats in Chita. S. F. Koval', V. T. Agalakov. Ist. arkh. 8 no. 4;225-226 Jl-Ag '62.

CHITA PROVINCE—GYPSUM
Black gypsum of the Darasun deposit (eastern Transbaikalia). A. A. Ivanova. Zap. Vses. min ob-va 91 no. 4; 467-469 '62.

CHITA PROVINCE—ORE DEPOSITS
Prospects for the industrial utilization of the Chita Province stockwork ores. G. A. Mel'nikov. Trudy Vost. Sib. fil. AN SSSR no. 41;5-10 '62.

CHITA PROVINCE—PENSIONS
Good support. T. Novoselova. Sots. obesp. 23 no. 10; 22 O '62.

CHKALOV PROVINCE see Orenburg Province

CHKALOVITE
Synthesis of chkalovite. A.A.Gorinchev, O.S.Ignat'ev, D.L.Rogachev. Dokl.AN SSSR 146 no.5;1179-1181 O '62.

CHLORAMPHENICOL—PHYSIOLOGICAL EFFECT
Kinetic characteristics of the inhibition of protein biosynthesis in cancer cells treated with alkyl phenols and chloramphenicol. G.V.Kukushkina, L.B Gorbracheva, N.M.Emanuel'. Dokl.AN SSSR 146 no.5;1206-1208 O '62.

CHLORIDES
Preparation of aromatic dicarboxylic acids and their chlorides N K. Moshchinskaia and others Neftekhimiia 2 no 4 541-549 Jl-Ag '62.

Role of acid chloride hydrolysis of some aliphatic and aromatic dicarboxylic acids in the process of interfacial polycondensation V V Korshak and others. Izv AN SSSR. Otd khim nauk no 10 1807-1813 O '62

Thermal and tensimetric study of the systems $NbCl_5$ - $AlCl_3$ - KCl, $KNbCl_6$ - $KTaCl_6$ - $KAlCl_4$, and $NbCl_5$ - $KTaCl_6$ - $KAlCl_4$. I. S Morozov, V. A Krokhin. Zhur. neorg. khim. 7 no. 10;2400-2410 O '62.

CHLORINATION
Chlorination of titanium-bearing materials. D. M. Chizhikov, V. N. Korsunskaia. Izv. AN SSSR. Otd. tekh. nauk. Met. i topl no. 5;71-80 S-O '62.

CHLORINE COMPOUNDS
Condensation of formaldehyde with trifluoroethylene. I L Knuniants and others. Izv. AN SSSR Otd khim. nauk no. 9,1676-1677 S '62

CHLOROMETHYLATION
δ -Lactones and δ -lactams. Chloromethylation of 2-pyrone, N. P. Shusherina, N. D. Dmitrieva, R. IA. Levina. Dokl. AN SSSR 146 no. 5;1113-1116 O '62.

CHLOROPHOS
Use of chlorophos in the control of houseflies resistant to the action of chlorinated hydrocarbons L N. Vasilenko, A. M. Serafimova. Zhur. mikrobiol., epid. i immun. 33 no. 8;124 Ag '62.

CHLOROPHYLL
Godnev, T.N., and A.A.Shlyk. [C^{14} in studying the biosynthesis of chlorophyll] C^{14} v izuchenii biosinteza khlorofilla. Moskva, 1955. 12 p. (Doklady, predstavlennye BSSR na Mezhdunarodnuiu konferentsiiu po mirnomu ispol'zovaniiu atomnoi energii)

Kinetics of C^{14} during the renewal of chlorophyll in barley and tobacco plants [with summary in English]. A. A. Shlyk, V. I Gaponenko, T. V Kukhtenko. Fiziol. rast. 9 no. 5;521-533 '62.

CHLORPROMAZINE
Effect of aminazine on the concentration of specific typhoid fever antibodies in the bodies of rabbits. V. V. Kvitkadze and others. Trudy Gos. nauch. -issl. inst. psikh. 27 261-266 '61.

Effect of aminazine therapy on the dynamics of some free amino acids in the blood serum in schizophrenia. A F. Skugarevskii. Zdrav. Bel. 8 no. 5;30-35 My '62.

Experimental study of the changes in the permeability of the hemato-encephalic barrier and capillaries under the influence of aminazine and insulin. M. IA. Maizelis. Trudy Gos. nauch. -issl. inst. psikh. 27.232-237 '61.

Materials on the characteristics of the action of aminazine and serpasil on the vegetative nervous system of schizophrenics. R. F. Kokanbaeva. Trudy Gos. nauch. -issl. inst. psikh. 27;222-237 '61.

Mechanism of the action of aminazine on the central nervous system. V. I. Savchuk. Trudy Gos. nauch. -issl. inst. psikh. 27;212-221 '61.

Use of aminazine in combination with reserpine on schizophrenics with a protracted unfavorable course of the disease. G. M. Kurapova. Trudy Gos. nauch. -issl. inst. psikh. 27:178-182 '61.

CHLORPROMAZINE—TOXICOLOGY
Manifestations of allergy with bullous necrotic changes in the integument related to the use of aminazine. A.B. Smulevich. Trudy Gos. nauch. -issl. inst. psikh. 27: 196-200 '61.

CHOLESTEROL
Adaptation of the animal body under conditions of different consumption of fats with saturated and unsaturated fatty acids [with summary in English]. M. F. Merezhinskii, S. M. Nikitina. Vop. pit. 21 no. 3;37-40 My-Je '62.

CHOLINE
Effect of choline and threonine on fatty infiltration of the liver caused by choline and protein deficiency [with summary in English]. M. N. Volgarev, N. M. Fil'chagin. Vop. pit. 21 no. 3:40-47 My-Je '62.

CHOLINESTERASE
Cholinesterase activity in female houseflies (Musca domestica L.) at different stages of oogenesis. E. S. Kuprianova. Nauch. dokl. vys. shkoly, biol. nauki no. 4;55-58 '62.

Cholinesterase activity in tuberculosis and its changes during tuberculin therapy [with summary in English]. E. P. Averina. Vrach. delo no. 10 69-72 O '62.

CHONGKEMIN VALLEY—SCARABAEIDAE
Vertical zonality in the distribution of Scarab beetles (Coleoptera, Scarabaeidae) in the Chongkemin basin A. I Protsenko. Izv. AN Kir SSR Ser. biol nauk 4 no. 1 125-143 '62.

CHRISTENING see Baptism

CHRISTIAN ETHICS
Nonresistance to evil by force. Em. IAroslavskii and others. Nauka i rel. 4 no. 11;81-82 N '62.

CHRISTIANITY see subdivision under China

CHRISTIANITY—ORIGIN
Conditions which favored the origination of the Christianity. S. I. Kovalev. Vest. drev. ist. no. 3;78-95 '62.

Kazhdan, A. P. [Origin of Christianity and its nature] Proiskhozhdenie khristianstva i ego sushchnost'. Moskva, Gos. izd-vo "Vysshaia shkola," 1962. 78 p. (V pomoshch studentu istoriku)

CHRISTIANITY AND POLITICS
Christianity and present problems. Brat. vest no 3 4-5 '62.

CHROMATOGRAPHIC ANALYSIS
Chromatographic analysis of the acid composition of the products of oxidation of furfurol in the gas phase. G. I. Kolesnikov, V. I. Poddubnyi. Izv. vys. ucheb. zav. i pishch. tekh. no. 5;40-42 '62.

Chromatographic concentration S IU. Elovich Izv AN SSSR. Otd. khim nauk no 9:1533-1537 S '62.

Riabchikov, D. I., and M. M. Senyavin. [Chromatographic determination of uranium in various materials] Khromatograficheskoe opredelenie urana v razlichnykh materialakh. Moskva, 1955. 16 p. (Doklady, predstavlennye SSSR na Mezhdunarodnuiu konferentsiiu po mirnomu ispol'zovaniiu atomnoi energii)

Theory of complex-forming chromatography and its application to the separation of similar elements. S. IU Elovich. Izv. AN SSSR Otd. khim nauk no. 6 1538-1545 S '62.

Use of adsorption chromatography in working with ferrocene derivatives A. N Nesmeianov, I I Kritskaia, T V Antipina Izv AN SSSR Otd khim nauk no. 10,1777-1783 O '62.

CHROMATOPHORES
Movement of cytoplasm and chloroplasts in the cells of detached leaves of Elodea canadensis [with summary in English]. S. V. Tageeva, E. N. Kozantsev. Fiziol rast. 9 no. 5;542-549 '62.

CHROMIUM
Paramagnetic resonance of Cr^{3+} ions in spinel [with summary in English]. V. A. Atsarkin, Zhur. eksp. i teor. fiz. 43 no 3;839-840 '62.

CHROMIUM—ANALYSIS
New method of trilonometric determination of chromium (III). N. N. Pavlov, A. R. Kuznetsov. Izv. vys. ucheb zav. ;tekh. leg. prom. no. 4;46-48 '62.

CHROMIUM-COBALT-TITANIUM ALLOYS see Cobalt-chromium-titanium alloys

CHROMIUM COMPOUNDS
Bromates, iodates, and periodates of chromium ammines N. I. Lebanov. Zhur. neorg. khim. 7 no. 10;2328-2330 O '62.

CHROMIUM-MOLYBDENUM STEEL—TESTING
Effect of heat treatment on the heat conductivity, electric resistance and Lorenz number of low-alloy chromium-molybdenum steels. B. E. Neimark, T. L Bykova. Teploenergetika 9 no. 11;54-58 N '62.

CHROMIUM-NICKEL STEEL—CORROSION
Strength and resistance to intergranular corrosion in welded Kh18N12M2T steel joints. I. S. Lupakov, IU. S. Kuzmichev. Metalloved. i term. obr. met. no. 10;60-63 O '62.

CHROMIUM-NICKEL STEEL—METALLURGY
Galkin, M. F., IU. P. Solntsev, and G. V. Serov. [Improved procedure for the smelting of IKh18N9TL steel] Usovershenstvovanie tekhnologii vyplavki stali 1Kh18N9TL Leningrad, 1962. 20 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia: Liteinoe proizvodstvo, no. 4)

CHROMIUM STEEL—METALLOGRAPHY
Structural stability and properties of 1Kh12V2MF, 1Kh12VNMF, and Kh11LB steels. N. N. Popova, M. L. Kashnikova. Metalloved. i term. obr. met. no. 10;63-64 O '62.

CHROMOSOMES
Effect of nitrosoethylurea producing 85% mutations in the sex chromosome. I. A. Rapoport. Dokl. AN SSSR 146 no. 6:1418-1421 O '62.

CHRONAXIA
Sensory chronaxia in patients with the cardiac pain syndrome [with summary in English]. O. P. Tivikova. Vrach delo no. 10 57-59 O '62.

CHRYSANTHEMUMS see subdivision under Georgia

CHU VALLEY—BIRDS
Seasonal phenomena in the life of some birds of the Chu Valley. G. S. Umrikhina. Izv. AN Kir. SSR, Ser. biol. nauk 4 no. 1:89-101 '62.

CHU VALLEY—SOIL PERCOLATION
Water permeability of soils in the Chu Valley. K. A. Zharova. Izv. AN Kh. SSR, Ser. est. i tekh. nauk 4 no. 1:5-21 '62.

CHU VALLEY—SUGAR BEETS
Kazakov, I. G. [Productivity of sugar beets on collective farms of the Chu Valley] Proizvodstvo sakharnoi svekly v kolkhozakh Chuiskoi doliny. Frunze, Izd-vo Akad. nauk Kirgizskoi SSR, 1961. 71 p.

CHU VALLEY—WINDBREAKS, SHELTERBELTS, ETC.
Materials on the biology of herbaceous plants of forest shelterbelt plantations in the Chu Valley. V. S. Inchina. Uch. zap. Biol.-pochv. fak. Kir. un. no. 7:121-130 '58.

CHUCKS
Chuck with an automatic clamp. V. M. Savinykh. Mashinostroitel' no. 10:17 O '62.
A faulty design. A. Antropov. Mashinostroitel' no. 10:46 O '62.
Miniature floating chuck. A. G. Sal'nikov. Avt. prom. 28 no. 9:45 S '62.
Three-cam self-clamping chuck. V. N. Skotnikov. Stan. i instr. 33 no. 10:40 O '62.

CHUIKOV, SEMEN AFANAS'EVICH, 1902-
Creativeness is a song. E. Zhitkova. Ogonek 40 no. 42:8 O '62.

CHUKCHI PENINSULA—ORE DEPOSITS
Okhotsk-Chukchi volcanic belt, its metal potential, and prospecting problems. B. N. Erofeev, S. F. Lugov. Sov. geol. 5 no. 10:3-15 O '62.

CHUM SALMON see subdivision under Amur River Estuary

CHURCH
Religion and church abroad. Nauka i rel. 4 no. 11:54-55 N '62.

CHURCH AND STATE
(see also subdivision under Hungary)
Most important events in the life of churches and religious societies in the U. S. S. R. N. A. Teodorovich. Mat. i soob. Issl. otd. Inst. po izuch. SSSR no. 32/33:68-71 F-Mr '62.

CHURCH CALENDAR
[Trinity Orthodox Russian calendar for 1963] Troitskii Pravoslavnyi Russkii Kalendar' na 1963 god. Jordanville, N.Y., Holy Trinity Monastery, 1962. 202 p.

CHURCH HISTORY
Andrei Bogoliubskii and Lucas Chrysoberges. N. N. Voronin. Viz. vrem. 21 20-50 '62.

CHURCH SLAVIC LANGUAGE—NUMERALS
Suprun, A. E., [Old Church Slavic numerals] Staroslavianskie chislitel'nye. Frunze, Kirgizskii gos. univ., 1961. 105 p.
(MH)

CHURCHES see subdivision under New York (City)

CHUVASH LANGUAGE—PARTICIPLE
Andreev, I. A. [The participle in the Chuvash language] Prichastie v chuvashskom iazyke. Pod red. V. G. Egorova. Cheboksary, Chuvashskoe gos. izd-vo, 1961. 261 p.
(MH)

CHUVASHIA—HOPS
Heterogeneity of tissues in the main rhizome of the hop plant. A. S. Sergeev, N. M. Matveev. Agrobiologiia no. 3:452-453 My-Je '62.

CHUVASHIA—PENSIONS
Reproaches instead of gratitude. Z. Kustarnikova. Sots. obesp. 23 no. 10:20 O '62.

CHUVASHIA—RADIOBROADCASTING
Twenty-five years of the Chuvash Radio. V. Sorokin, V. Dobrosmyslov. Sov. rad. i tel. 6 no. 2:25-26 '57.

CHYMOTRYPSINOGEN
Conductometric control of the salting-out of chymotrypsinogen and trypsin. V. P. Komov, N. N. Chamin. Trudy Len. khim.-farm. inst. no. 13:28-32 '61.

CICADA
Methods of rearing cicadas, carriers of plant diseases under artificial conditions. G. M. Razviazkina, E. A. Pridantseva, N. D. Shaskol'skaia. Nauch. dokl. vys. shkoly: biol. nauki no. 4:28-32 '62.

CIMMERIAN BOSPORUS (KINGDOM)
Khudiak, M. M. [History of Nymphaeum from the sixth to the third century B. C.] Iz istorii Nimfeia VI-VIII vekov do n. e. Leningrad, Izd-vo Gos. Ermitazha, 1962. 63 p. illus.

CINEMATOGRAPHY see Motion picture photography

CINNABAR CRYSTALS see subdivision under Koryak Range

CIRCUITS, BRIDGE see Bridge circuits

CIRCULAR SAWS
Circular saw worked by a drill. Nauka i zhizn' 29 no. 6:91 Je '62.

CIRCULATORY SYSTEM see Cardiovascular system

CIRCUMCISION
Murder on the Fabrichnaia street. S. Ashurova. Nauka i rel. no. 5:31-32 My '62.

CIRCUS
Bardian, F., ed. [Lights of the arena; articles on the circus] Ogni manezha; stat'i o tsirke. [Moskva] Iskusstvo, 1961. 124 p.
(MH)

CITIES AND TOWNS
(see also subdivision under Siberia)
Old maps as a source for the history of towns and villages. N. P. Milonov. Uch. zap. RGPI 28:63-77 '61.

CITIES AND TOWNS—CIVIC IMPROVEMENT
(see also subdivision under Moscow Province)
Riabchuk, G. F. [Work of district soviets in the field of dwelling construction and civic improvement] Deiatel'nost' raionnogo Soveta v oblasti zhilishchnogo stroitel'stva i blagoustroistva. Otv. red. B. M. Babii. Moskva, Gosfinizdat, 1962. 68 p. (Bibliotechka rabotnika raionnogo Soveta)

CITIES AND TOWNS, RUINED, EXTINCT, ETC.
(see also subdivision under Crimea)
The city of Perevitsk. V. P. Frolov. Uch. zap. RGPI 28:55-62 '61.

CITRATES
Sanitary index significance of citrate-assimilating varieties of Escherichia coli [with summary in English]. M. D. Krylova. Zhur. mikrobiol., epid. i immun. 33 no. 4:100-104 Ap '62.

CITRUS FRUITS
(see also subdivision under Black Sea region)
Characteristics of winter dormancy in citrus plants [with summary in English]. L. I. Surkova. Fiziol. rast. 9 no. 5:607-613 '62.

CITY PLANNING
(see also subdivision under Baku; Dnepropetrovsk; Kalush; Kharkov; Lvov; Moscow; Ukraine; Ulan Bator; Zaporozh'ye)
"Microdistricts in the planning and building of cities" by P. I. Dubrovskii. Reviewed by G. Frumin. Zhil.-kom. khoz. 12 no. 3:31 Mr '62.

CITY TRAFFIC
Let's give better satisfaction to the requirements of passengers. D. Samoilov, I. Fateev. Zhil.-kom. khoz. 12 no. 3:26-27 Mr '62.

CIVIC IMPROVEMENT see subdivision under Moscow; Tormoz

CIVIL LAW
In the Ministry of Justice of the R. S. F. S. R. Sots. zakon. 39 no. 6:74 Ag '62.
Merkel', E. V. [Soviet administrative, civil, and labor law; practical exercises for the correspondence students of the Friedrich Engels Institute of Soviet Commerce in Leningrad] Sovetskoe administrativnoe, grazhdanskoe i trudovoe pravo; sbornik prakticheskikh uprazhnenii dlia studentov zaochnogo otdeleniia Leningradskogo instituta sovetskoi torgovli im. Fr. Engel'sa. Leningrad, Leningr. in-t sovetskoi torgovli im. Fr. Engel'sa, 1962. 86 p.
We should implement our new civil law in a proper way. S. Natruskin, Iu. Iurburgskii. Sov. iust. no. 20:5-8 O '62.
Zhukova, L. F., and G. M. IAmenfel'd. [Fundamentals of Soviet civil and labor law] Osnovy sovetskogo grazhdanskogo i trudovogo prava. Pod red. K. A. Grave. Moskva, Vysshaia shkola, 1962. 313 p.

CIVIL PROCEDURE
In the Ministry of Justice of the R. S. F. S. R. Sots. zakon. 39 no. 6:74 Ag '62.

CIVIL WAR see subdivision under United States

CIVIL WAR, 1936-1939 see subdivision under Spain

CIVIL WAR, 1936-1939—PERSONAL NARRATIVES see subdivision under Spain

CIVILIZATION
(see also subdivision under Soviet Central Asia)
Reflections on the history of the cultural and scientific development of mankind. N. I. Konrad. Nar. Az. i Afr. no. 5:111-116 '62.

CIVILIZATION AND SCIENCE see Science and civilization

CLASSICAL PHILOLOGY—BIBLIOGRAPHY see Bibliography—Classical philology

CLASSICAL PHILOLOGY—STUDY AND TEACHING
The study of ancient history and classical philology in Moscow University from 1860 to 1880. I. V. Pozdeeva. Vest. drev. ist. no. 3:3-23 '62.

CLASSIFICATION—BOOKS
The development of the present-day classification theory. B. IU. Eidel'man. Trudy LGBI 8:141-165 '61.

CLASSIFICATION—BOOKS—CHILDREN'S LITERATURE
Development of the classification of books in children's libraries. V. A. Svatikova. Trudy LGBI 8:167-191 '61.

CLASSIFICATION—BOOKS—GEOGRAPHY
Organizing the geographical literature in public libraries with open shelves. T. I. Daullina. Trudy LGBI 8:59-64 '61.

CLASSIFICATION—BOOKS—LITERATURE
Organizing the belles lettres collection in public libraries with open shelves. R. A. Shtelmakhers. Trudy LGBI 8:51-58 '61.

CLASSIFICATION—BOOKS—SCIENCE
Moscow. Publichnaia biblioteka. [Library and bibliographical classification; classification tables for research libraries] Bibliotechno-bibliograficheskaia klassifikatsiia; tablitsy dlia nauchnykh bibliotek. Moskva.
No. 3. [B. Natural sciences in general. V. Physical and mathematical sciences] B Estestvennye nauki v tselom. V. Fiziko-matematicheskie nauki. 1962. 174 p.

CLASSIFICATION, DECIMAL
"Dewey decimal classification and relative index" by Melvil Dewey. Reviewed by Z. N. Ambartsumian. Bibliotekovedenie i bibl. za rub. no. 6:150-161 '62.

CLAUSILIIDAE see subdivision under Burma; Georgia

CLAY
(see also subdivision under Atlantic Ocean)
Means for preventing the freezing of clay to the surface of metal and wood. B. G. Sokolov, G. F. Novozhilov. Stroi. mat. 8 no. 8:37-38 O '62.
Regularities in dressing argillaceous-arenaceous pulp in a hydro-cyclone. I. A. Kakovskii, V. I. Revnivtsev, V. V. Klinchin. Izv. vys. ucheb. zav.: gor. zhur. no. 10:159-160 '61.
Vapor-phase refining of cracked and straight-run gasolines by means of the Odessa gray-green clay. A. K. Pilnov, Z. D. Bogatskaia, L. D. Sheiko. Khim. prom. [Ukr.] no. 1:89-90 Ja-Mr '62.

CLAY—TESTING see subdivision under Moscow Basin

CLEANING AND DYEING INDUSTRY
Some problems in the automation of the aniline dye industry. F. O. Avetisian, S. V. Trachik, A. T. Ponomarenko. Khim. prom. [Ukr.] no. 1:67-69 Ja-Mr '62.

CLEANING COMPOUNDS
You will like it. Zhil.-kom. khoz. 12 no. 3:33 Mr '62.

CLEARING OF LAND
Kil'dema, K. T. [Improving the utilization of stony lands] Ob uluchshenii ispol'zovaniia kamenistykh zemel'. Leningrad, Sel'khozizdat, 1962. 116 p.
(DNAL)

CLERGY
Facts reveal. Nauka i rel. no. 5:37 My '62.

CLICK BEETLES see subdivision under Kirghizistan

CLIMACTERIC
Clinical characteristics of and some endocrinological indices in schizophrenia developing during the climacteric. I. IA. Gurovich. Trudy Gos. nauch.-issl. inst. psikh. 27:76-82 '61.

CLIMATE see subdivision under Surkhan-Darya Province

CLIMATOLOGY see also subdivision 'Climate' under Kirghizistan; Kyzyl Kum

CLIMATOLOGY—CONGRESSES
Present state of the problem of climate fluctuation. B. L. Dzerdzeevskii. Izv. AN SSSR, Ser. geog. no. 5:162-171 S-O '62.
The Second Congress on the Problem of Climate Transformation. A. P. Gal'tsev, A. S. Cheplygina. Izv. AN SSSR, Ser. geog. no. 5:184-187 S-O '62.

CLIMATOLOGY, MEDICAL
(see also subdivision under Crimea)
Nauchnaia konferentsiia po voprosam klimatopatologii v klinike serdechno-sosudistykh zabolevanii, 1st, 1959. [Problems of climatopathology in the clinical aspects of cardiovascular diseases] Voprosy klimatopatologii v klinike serdechno-sosudistykh zabolevanii. Pod red. G. M. Danishevskogo. Moskva, Medgiz, 1961. 231 p.
(DNLM)

CLIMATOLOGY, MEDICAL (Continued)

Nerve regeneration in experimental animals under bio-tron conditions [with summary in English]. P. A. Perfilov. Vrach. delo no. 10 107-111 O '62

CLINICS

Determining the demand of the adult city population for polyclinical service A P Zhuk, F M Ilupina, V D Dubrovina Sov zdrav 21 no 10 22-26 '62

CLOCKS AND WATCHES

Among watches. Nauka i zhizn' 29 no. 9:96-97 S '62.

CLOCKS AND WATCHES—ABSTRACTS

[Precision instruments and testing equipment] Ref. zhur. Otd. vyp. 10: Prib toch. mekh i isp. ust. nos 21-22 N '62

CLOSTRIDIUM PERFRINGENS

Detoxication of partially purified and concentrated Cl perfringens toxin [with summary in English] B Blesko Zhur. mikrobiol., epid i immun. 33 no. 4:110-115 Ap '62.

CLOSTRIDIUM SPOROGENES

Purification of the proteinase of Bac. Sporogenes. V. N. Shvedova, V. F. Kondrat'eva Trudy Len. khim -farm. inst. no. 13 33-37 '61.

CLOTHING, PROTECTIVE

Druzhinin, B. M. [Protective clothing, protective footgear and safety appliances, safety measures] Spetsodezhda, spetsobuv i predokhranitel'nye prisposobleniia, zashchitnye sredstva. Pod obshchei red. N. A. Smirnova. Leningrad, 1962. 27 p. (Leningradskii dom nauchno-tekhnicheskii propagandy Bibliotechka stroitelia po tekhnike bezopasnosti, no. 13)

Protective antishock devices for special footwear. M. P. Kuprianov, E. A. Babaeva. Kozh.-obuv. prom. 4 no. 10 16-17 O '62.

CLOTHING AND DRESS—MEASUREMENT

Fashion models, design and styles. A. Kulichev. Mest. prom. i khud. promys. 3 no. 8 20-21 Ag '62.

CLOTHING INDUSTRY

(see also subdivision under Lvov Economic region, Moscow, Riga; Ukraine)

Fashion models, design and styles. A. Kulichev. Mest. prom. i khud. promys. 3 no. 8 20-21 Ag '62.

Introduce factory methods in the manufacture of made-to-measure clothing. T. Ianysheva. Mest. prom. i khud. promys. 3 no. 8:22-23 Ag '62.

Readers' letters. Shvein. prom no 5:38 S-O '62

CLOTHING INDUSTRY—EQUIPMENT AND SUPPLIES

New developments in the dispatching systems of clothing factories N. G. Sorokin, V. S. Aksel'rod Shvein. prom no 5-20-21 S-O '62.

CLOTHING INDUSTRY—MANAGEMENT see subdivision under Gorkiy

CLOTHING INDUSTRY—PERIODICALS

Conferences of the readers of "Shveinaia promyshlennost'" journal Shvein. prom no 5 41 S-O '62

CLOTHING INDUSTRY—PRODUCTION STANDARDS

Expedient utilization of double-needle sewing machines. V. F. Shan'gina. Izv. vys. ucheb. zav.; tekh. leg prom no. 4:13-20 '62.

Some problems in setting technical norms in the shoe and clothing production. L. L. Alekseeva, G. A. Skvira. Izv. vys. ucheb. zav. tekh. leg. prom. no. 4:3-12 '62.

CLOTHING INDUSTRY—QUALITY CONTROL

Speed up the improvement rate of the quality of clothing. N F Chesnokov. Shvein prom no. 5 1-3 S-O '62

CLOVER see subdivision under Ukraine

CLUTCHES (MACHINERY)

Overriding clutch of the guide system of the hydraulic torque converter and its design for strength and stiffness. P. M. Sharoiko. Trudy KHIIT no. 51:77-87 '61.

Pugovkin, P. R. [Powder magnetic clutch for an electric drive] Elektromagnitnaia poroshkovaia mufta dlia elektroprivoda. Leningrad, 1962. 26 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia: Mekhanicheskaia obrabotka, no. 12)

COAL

(see also subdivision under Siberia, Eastern)

Sorption of germanium oxide from aqueous solutions by coals. I. N. TSeitk, N. F. Turkalov, A. I. Orlova. Ukr. khim. zhur. 28 no. 3:418-421 '62.

COAL—ANALYSIS

(see also subdivision under Chelyabinsk Basin, Tashkumyr; Ural Mountain region)

Effect of the method of sampling on the accuracy in determining ash content of coal. H. Paul. Obog. i brik. ugl. no. 24:76-85 '62.

Petrographic composition and properties of some foreign brown coals. E. L. Zaitseva. Obog. i brik. ugl. no. 24:49-62 '62.

Thermal stability of nitrogen compounds in metamorphic coals. L. A. Borozdina. Trudy IGI 17:107-115 '62.

COAL—CARBONIZATION

Coal carbonization during heating in the presence of water under pressure. G. E. Fridman and others. Trudy IGI 17:76-87 '62.

Composition of pyrolysis tar obtained in the process of continuous coking of coals. L. A. Korovkina, N. M. Karavaev. Trudy IGI 17:129-141 '62.

Effect of the thermal pretreatment of coals on their caking capacity. I. N. Nikilaev, N. I. Kozlova. Trudy IGI 17 116-120 '62

High-speed pyrolysis of vapor and gas products obtained in the semicoking of Ukrainian brown coals. D. I. Kazakov and others Trudy IGI 17:34-42 '62.

COAL—CLASSIFICATION

Determining the efficient sorting and utilization of fuel by the method of linear programming with an electronic computer A P Merenkov, A S. Nekrasov, O A Nekrasova. Ugol' 37 no 10 42-46 O '62

Petrographic composition and properties of some foreign brown coals. E. L. Zaitseva. Obog. i brik. ugl. no. 24 49-62 '62.

COAL—ELECTRIC PROPERTIES see subdivision under Maritime Territory

COAL—HYDRAULIC CONVEYING

Practices of thermal electric power stations in burning coal delivered from the mines in a mixture with water. A N. Antipin Teploenergetika 9 no. 11 89-90 N '62

COAL—TRANSPORTATION

Economic efficiency of bringing in the annual supply of coal. L. Il'ichev. Rech. transp. 21 no. 10:7-10 O '62.

COAL GEOLOGY

(see also subdivision under Bureya Basin, Donets Basin, Irkutsk Basin, Siberia)

Akademiia nauk Kazakhskoi SSR, Alma-Ata. Institut geologicheskikh nauk. [Coal geology; a collection dedicated to the memory of the geologist Aleksandr Aleksandrovich Gapeev] Voprosy geologii ugliia; sbornik, posviashchennoi pamiati geologa Aleksandra Aleksandrovicha Gapeeva. Alma-Ata, Izd-vo Akad. nauk Kazakhskoi SSR, 1962. 173 p.

Developing the methodology of predicting the faulted structure of mine areas in the Kuznetsk Basin A A. Belitskii Ugol' 37 no 10 24-30 O '62.

"Effect of basic geological factors on the behavior of rocks in mine workings" by P. V. Vasil'ev, S. I. Malinin Reviewed by IU. A. Onishchenko, IU. P. Zubarev *Ugol' 37 no. 11:62 N '62.*

COAL GEOLOGY—CONGRESSES

Fourth Conference of the Coordinating Committee on the Problem of "Regularities in the Distribution of Coals in the Earth's Crust." I. N. Zvonarev. Geol. i geofiz. no. 8:131-133 '62

COAL HANDLING MACHINERY—ELECTRIC DRIVING

Automated electric drive of a coal loader. S. A. Zaborovskii and others. Izv. vys. ucheb. zav. elektromekh. 5 no. 7:810-816 '62.

COAL MINERS see subdivision under Donets Basin

COAL MINES AND MINING

(see also subdivision under Angren; Chelyabinsk Basin; China; Donets Basin; Karaganda Basin, Kizel Basin; Kuznetsk Basin; Shakhty; Tula Basin)

[Automation in the coal mining industry] Avtomatizatsiia v ugol'noi promyshlennosti. [By] V P. Murav'ev i dr. Moskva, Gosgortekhizdat, 1962 258 p.

Brief informations Ugol' 37 no. 10:59-61 O '62.

Brief information. Ugol' 37 no. 11:59-61 N '62.

Controlling coal dust by the method of injecting water into a layer in development workings and stopes. E. I. Ontin. Shor. rab. po silik. no. 3:71-78 '61.

Determining the optimum length of a working area across the pitch in developing a mining area by layers. S. D. Sonin, A. P. Klinchkov. Nauch. trudy MGI no. 38:5-31 '61.

Distribution of development workings in mining seams overlying worked-out areas. N. P. Bazhin. Ugol' 37 no. 11:24-26 N '62.

"Effect of basic geological factors on the behavior of rocks in mine workings" by P. V. Vasil'ev, S. I. Malinin. Reviewed by IU. A. Onishchenko, IU. P. Zubarev. Ugol' 37 no. 11:62 N '62.

Effect of the number of worked-out chambers in a block on the nature of the deformation of the interchamber pillars and roof. IU. A. Modestov. Izv. vys. ucheb. zav.; gor. zhur. no. 9:38-43 '61.

Evaluating technological systems of coal production and goals for creating new technology. A. D. Ignat'ev. Izv. vys. ucheb. zav.; gor. zhur. no. 10:96-103 '61.

Labor consumption of drawing operations in case of coal mining by cutter loaders or by the boring and blasting method. M. Kendzhabaeva. Izv. AN Uz. SSR, Ser. tekh. *nauk 6 no. 5:79-82 '62.*

Methodology of mine observations of the nature of rock pressure manifestations in working flat coal seams by the chamber and the chamber and pillar systems. M. P. Pereverzev. *Nauch. trudy MGI no. 38:105-118 '61.*

New means of analyzing coal production in hydraulic mining. A. S. Dmel'ianov. Izv. vys. ucheb. zav., gor. zhur. no. 10:104-112 '61.

New method of drifting along the strike A. M Shostak. Ugol' Ukr. 6 no. 10 31-31 O '62

Relationship between the natural moisture in coal and its amount of dust in the atmosphere. T. K. Efimova. Shor. rab. po silik. no 3:65-70 '61.

COAL MINES AND MINING—AIR CONDITIONING

(see also subdivision under Donets Basin)

Investigating the process of mine air cooling in the laminar flow spray air cooler under laboratory and mine conditions. V. N. Keler, N. N. Khokhotva. Trudy MakNII 10:85-100 '60.

COAL MINES AND MINING—BIBLIOGRAPHY see Lithography—Coal mines and mining

COAL MINES AND MINING—COLD WEATHER OPERATIONS see subdivision under Kangat region

COAL MINES AND MINING—EQUIPMENT AND SUPPLIES

Instruments for coal mines P F Burtsev. Ugol' Ukr 6 no 10 36-38 O '62.

COAL MINES AND MINING—EXPLOSIVES

(see also subdivision under Donets Basin)

Effect of the diameter of the charge on the blasting safety in gas and dust hazardous mines. P. A. Paramonov. Trudy MakNII 10 236-250 '60.

COAL MINES AND MINING—FINANCE

It is necessary to change the planning and financing of expenditures to a simple reproduction of capital assets. G IA. Burshtein, V. F Kotov Ugol' Ukr. 6 no 10 39-41 O '62

Response to D. O. Khablenko's article "How to evaluate the ways of increasing the economic efficiency of capital investments in the coal mining industry." V. S. IAtskov. Ugol' 37 no. 11:56-58 N '62.

COAL MINES AND MINING—FIRES AND FIRE PREVENTION

Improving the measures for the prevention and extinction of spontaneous mine fires. A. I. Bezhetskii. Ugol' 37 no. 11 46-48 N '62.

COAL MINES AND MINING—LABOR PRODUCTIVITY

(see also subdivision under Donets Basin; Lvov-Volyn' Basin, Tula Basin)

Relation between the rate of advance and the productivity of a miner on a longwall. A P Klinchkov, D. S. Oginskii. Nauch. trudy MGI no. 38:147-156 '61

Relationship between the productivity of a miner on a longwall and the stage of mining. D S. Oginskii, A P. Klinchkov. Nauch. trudy MGI no. 38:221-223 '61

COAL MINES AND MINING—PRODUCTION STANDARDS see subdivision under Lisichansk

COAL MINES AND MINING—SAFETY MEASURES

Safety of short-delay blasting and results of its application in coal mines. M. L. Rosinskii. Trudy MakNII 10 271-295 '60.

COAL MINING MACHINERY

(see also subdivision under Donets Basin)

Automatic control of the type UKR cutter-loader A O. Popovich. Ugol' Ukr. 6 no. 10:16-18 O '62.

Continuous action equipment complex for open-pit mining. V. P. Aksenov, IU. I. Belinkov, A A Korsunenko. Ugol' Ukr 6 no. 10:22-25 O '62

Device for stopping the stope conveyer. N. M Shirkula Ugol' Ukr. 6 no. 10 35 O '62

Efficient geometry and makes of hard alloys for the blades of cutter loaders with a planetary-cutting actuating member A. L. Polisk and others. Ugol' Ukr 6 no 10 20-22 O '62

Extracted 56,364 tons of coal with the LGD-2 cutter loader in one month. I. A. Grigor'ev, S. M Chebenian Ugol' Ukr. 6 no. 10:1-3 O '62.

For high labor productivity in the operation of the OMKT complex in the mines of Tula *Economic Council* V A Tornuev, A. V Chernyshev. Ugol' 37 no. 11:4-8 N '62.

Increasing the durability of coal-preparation machine parts by surface hardening. N. M. Derbasov. Trudy Sem. po kach. poverkh. no. 5:115-122 '61.

Industrial use of cater-loaders in coal mines of the Soviet Union. K. A. Lokhanin, Biul. tekh.-ekon. inform. Gos. nauch.-issl. inst. nauch. i tekh. inform. no. 10:21-24 '62.

The KTU unit. B. P. Vishnovskii. Biul. tekh.-ekon. inform. Gos. nauch.-issl. inst. nauch. i tekh. inform. no. 10:24-26 '62.

Khorin, V. N., and A. D. Sukach. [The "Donbass-1K" and LGD-2 coal cutter loader; manual of operation, maintenance, and servicing] Ugol'nye kombainy "Donbass-1K" i LGD-2; rukovodstvo po ekspluatatsii, ukhodu i obsluzhivaniiu. Moskva, Gosgortekhizdat, 1962. 324 p.

Reorganization of the work of the institutes in the light of the decisions of the 22d Congress of the CPSU. IU. V. Kozin, L. V. Grinshpun, N. G. Vereskunov. Ugol' 37 no. 11:8-13 N '62.

COAL MINING MACHINERY (Continued)
Techniques of mining thin coal layers with an angel. M.M.Berezniak, E.I Vasiliev. Izv.vys.ucheb.zav., gor.zhur. no.9 21-28 '61.

COAL MINING MACHINERY—TESTING see subdivision under Donets Basin

COAL PREPARATION
Determining the optimum ash and moisture content of the concentrate delivered for coking. K. Lemke. Obog.i brik.ugl. no.24:68-77 '62.
Industrial testing of the preparation of coal pulp with hydrocyclones in a water medium. M.G.Akopov and others. Obog.i brik.ugl. no.24 3-10 '62.
[Ore dressing and coal preparation in the Kazakh S.S.R., transactions of the out-of-town session in Balkhash and Karaganda, of the Section on Mineral Dressing of the Learned Council of the A.A.Skochinskii Mining Institut (November-December 1960) Zadachi obogashchenila rud i uglei Kazakhskoi SSR, trudy vyezdnoi sessii sektsii obogashchenila poleznykh iskopaemykh Uchenogo soveta Instituta i gornogo dela im. A.A.Skochinskogo v gorodakh Balkhashe i Karagande, noiabr'-dekabr' 1960 g., Moskva, Izd-vo Akad. nauk SSSR, 1962 173 p.
Results of gravity coal preparation from the normal distribution parameters of a random quantity. N.A. Shmachkov. Izv.vys.ucheb.zav., gor.zhur. 5 no.8 176-181 '62.
Studying the conditions of the passage of moist coal through the fuel conveying and processing systems. V.A.Kryzhanovskii. Teploenergetika 9 no.11 47-51 N '62.

COAL PREPARATION—HYGIENIC ASPECTS see subdivision under Chelyabinsk Basin

COAL PREPARATION PLANTS
(see also subdivision under Donets Basin, Karaganda Basin)
Artiushin, S.P. [Design of coal preparation plants] Proektirovanie ugleobogatitel'nykh fabrik. Moskva, Gosgortekhizdat, 1962. 183 p.

COAL PREPARATION PLANTS—EQUIPMENT AND SUPPLIES
(see also subdivision under Karaganda Basin, Kuznetsk Basin)
Effect of the hydroaerodynamic parameters of flotation machines on coal preparation. D.S.Emel'ianov, V.M. Nazarenko. Ugol' Ukr. 6 no.10 11-16 O '62.
"Modern industrial centrifuges," by V.I.Sokolov. Reviewed by V.S.Kaminskii. Ugol' 37 no.10 61-62 O '62.

COAL PREPARATION PLANTS—FIRES AND FIRE PREVENTION
Klimanov, A.D., and K.G.Rudenko. [Safety techniques and fire prevention in ore dressing and briquetting plants] Tekhnika bezopasnosti i protivopozharnaia tekhnika na obogatitel'nykh i briketnykh fabrikakh. Moskva, Gosgortekhizdat, 1962. 362 p.

COAL PREPARATION PLANTS—LABOR PRODUCTIVITY
Labor productivity in coal preparation plants and factors affecting its growth. A.N.Avetisian. Obog.i brik. ugl. no.24:63-67 '62.

COAL PREPARATION PLANTS—VENTILATION
Improving ventilation exhaust systems in pneumatic coal preparation plants. M.I.Artamonov. Shor.rab. po silik. no.3:181-185 '61.

COAL TAR
Catalysts on the aluminosilicate base for hydrogenation under high hydrogen pressure. A.V.Lozovoi and others. Trudy IGI 17:199-211 '62.
Coal-tar pac as a material for coating cast-iron sewer pipes. V.M.Pishchev, M.A.Danilov. Shor.trud. NIIST no.10:126-131 '62.
Yield and composition of light phenols obtained from a mean-temperature brown coal tar and their utilization. N.M.Karavaev and others. Trudy IGI 17:145-151 '62.

COAL-TAR PRODUCTS
Composition of aromatic hydrogenates obtained from a semicoke tar of Cheremkhovo coals. A.I.Blonskaia, A.V.Lozovoi. Trudy IGI 17:187-196 '62.
Composition of pyrolysis tar obtained in the process of continuous coking of coals. L.A.Korovkina, N.M. Karavaev. Trudy IGI 17:129-144 '62.
Composition of tars obtained in the pyrolysis of brown coals in a fluidized bed. E.I.Kazakov and others. Trudy IGI 17:153-156 '62.
Light oil of a mean temperature brown coal tar as a raw material for the production of surface-active substances. E.I.Kazakov and others. Trudy IGI 17: 169-173 '62.
Oxidation of naphthalene and monomethylnaphthalene fractions of semicoke-tar aromatic hydrogenates to phthalic anhydride. A.I.Blonskaia, E.A.Dembovskaia, A.V.Lozovoi. Trudy IGI 17.182-186 '62.
Production of aromatic hydrocarbons from pyrolysis tar of hydrocarbon gases by hydrogenation. A.B.Vol'-Epshtein and others. Trudy IGI 17 269-277 '62.
Production of chemicals from the anthracene fraction of coke-oven coal tar by the high temperature hydrogenation method. A.G.Borts and others. Trudy IGI 17: 250-261 '62.
Two-stage system for the hydrogenation method of production of chemicals from Cheremkhovo coal tars. Report No.2. A.V.Lozovoi and others. Trudy IGI 17 171-181 '62

COAL WASHING—EQUIPMENT AND SUPPLIES
The V-100, V-600 and V-800 dehydrating elevators with high-reliability chains. N.M.Derbanov, L.V. Moskalenko. Biul.tekh.-ekon.inform.Gos.nauch.-issl.inst.nauch.i tekh.inform. no.10,26-28 '62.

COAST CHANGES see subdivision under Sakhalin Bay

COAXIAL CABLES
Theoretical determination of the parameters of a coaxial cable and wave guide couplings. Iu.A.Ilkov, V.V. Bogozin. Izv.LETI 57 no.3[illegible] '59.

COBALT—ANALYSIS
Complexometric determination of copper, cobalt, and manganese. I.M.Kulist, P.G.Shaikova. Zav.lab. 28 no.10 1183-1184 '62.
Use of certain amino acids as addends for Co(II) in its potentiometric titration by ferricyanide. P.K.Agasian, V.K.Khakimova. Zav.lab. 28 no.10 1184-1188 '62.

COBALT—METALLURGY
Cobalt recovery from xanthate calcines in the zinc industry. T.Kh.TSerekov, R.M.Polulikh. TSvet.met. 35 no.10,38-39 O '62.

COBALT CARBONATE CRYSTALS
Shifting of the Curie point of manganese and cobalt carbonates under hydrostatic pressure. D.N.Astrov, G.A. Kytin, M.P.Orlova. Fiz.tver.tela 4 no.4,1055-1057 Ap '62.

COBALT-CHROMIUM-TITANIUM ALLOYS—METALLOGRAPHY
Equilibrium diagram of the system cobalt - chromium - titanium. E.K.Zakharov, B.G.Livshits. Izv.AN SSSR.Otd.tekh.nauk.Met.i topl. no.5 113-150 S-O '62.

COBALT COMPOUNDS
Bond of thiocyanate and selenocyanate groups with the central atom in cobaltammines (III) and cobalt (III) dioxyimines. A.V.Ablov, I.D.Samuel'. Dokl.AN SSSR 146 no.5 1071-1074 O '62.

COBALT COMPOUNDS—SPECTRA
Complex formation in the system cobalt ion - nitron - thiocyanate. Composition and absorption spectra of the nitron-thiocyanate complex of cobalt in dichloroethane. V.N.Tolmachev, A.S.Babenko. Ukr.khim. zhur. 28 no.5.550-555 '62.

COCCIDIOSIS
(see also subdivision under Bet-Pak-Dala; Kazakhstan)
Question of the duration of coccidial invasion in goats. N.G.Patchuk, A.A.TSygankov, L.G.Zavadskaia. Trudy Inst.zool. AN Kazakh.SSR 16 206-210 '62.

COCHINEAL see subdivision under Ararat Plain

COFFEEHOUSES
Experimental design for a coffeehouse. V.Kokurin. Obshchestv.pit. no.7:45-46 Jl '62.

COIN OPERATED MACHINES see Vending machines

COINS, BYZANTINE see subdivision under China

COKE
Determining the optimum ash and moisture content of the concentrate delivered for coking. K.Lemke. Obog.i brik.ugl. no.24:68-77 '62.

COKE—COMBUSTION
Determining the temperature of semicoke ignition. S.M. Belokon', A.V.Murmilov, Iu.A.Pilonenko. Teploenergetika 9 no.11:52-54 N '62.

COKE—TESTING
Investigation of lignite coke as blast furnace fuel. Report No.1. A.F.Shorin. Izv.vys.ucheb.zav., chern.met. 5 no.9:43-48 '62.

COKE INDUSTRY
Agroskin, A.A., and A.K.Sholkov. [Increasing the supply of coking coal] Rasshirenie ugol'noi bazy koksovaniia. Moskva, Metallurgizdat, 1962. 303 p.

COKE INDUSTRY—BY-PRODUCTS
Basic parameters of the operating conditions of new rectifications columns of a tar distillation plant. V.A.Burlak, T.L.Savits'ka. Khim.prom.[Ukr.] no.1:19-22 Ja-Mr '62.
Scrubber water from gases of the coal chemical production. V.V.Timoshenko. Khim.prom.[Ukr.] no.1:16-18 Ja-Mr '62.

COKE INDUSTRY—HYGIENIC ASPECTS see subdivision under Dneprodzerzhinsk

COLD FLOW see Creep of metals

COLLECTIVE FARMS
(see also subdivision under Murgab District, Mary Province; Pokrovskiy District, Dnepropetrovsk Province; Taymyr Peninsula; Ukraine; Uzbekistan)
Aid to collective farmers during the temporary loss of working capacity. M.Grigorovich. Blok.agit.[Bel.] no.4:39-40 F '60.
Collective farms are a "school of communism" for their members. R.Veligina. Komm.Vooruzh.Sil 3 no.20 57-62 O '62.
Kozhevnikova, M.V. [Analysis of economic activities on collective farms] Analiz khoziaistvennoi deiatel'nosti kolkhozov. Pod red.A.G.Shishkina. Saratov, 1960. 165 p. tables.

COLLECTIVE FARMS—ACCOUNTING
(see also subdivision under Belgorod Province, Blagodarnenskiy District, Khmel'nitskiy Province, Kievo-Svyatoshinskiy District, Krasnodar Territory, Lvov Province, Petrovskiy District; Ukraine, Voronezh Province, Zolochev District)
Account for working time on collective farms correctly. G.I.Shmelev. Uchet i fin.v kolkhozakh i sovkhozakh. 19 no.10 11-17 O '62.
"Accounting on collective farms" by G.Zhulkov. Book review. Uchet i fin.v kolkhozakh i sovkhozakh. 19 no.10 61-64 O '62.
"Balance of labor resources on collective farms" by I.Pashkevich. Reviewed by P.Mitroshinchenko, M.Sonin. Vest.stat. no.10,69-72 '62.
The pay sheet has replaced individual accounts. S.G. Sizarev. Uchet i fin.v kolkhozakh i sovkhozakh. 19 no.9, 27-28 S '62.
Readers share their experience, suggest and advise. Uchet i fin.v kolkhozakh i sovkhozakh. 19 no.8 12-14 S '62.
Replies to readers' questions. Uchet i fin.v kolkhozakh i sovkhozakh. 19 no.9 61-64 S '62.
Training of collective farm accountants in secondary schools. N.S.Gulkin. Shkola i proizv. 6 no.10 23-25 O '62.

COLLECTIVE FARMS—BIBLIOGRAPHY see Bibliography—Collective farms

COLLECTIVE FARMS—FINANCE see subdivision under Armenia, Krasnodar Territory; Odessa Province, Petrovskiy District (Stavropol Territory), Tsimlyanskiy District

COLLECTIVE FARMS—INCOME DISTRIBUTION
(see also subdivision under Amur Valley, Cherkassy Province, Ukraine, Uzbekistan, Vinnitsa Province, Voronezh Province)
Material incentives on collective farms are an important means for increasing production. I.Polovenko. Ekon. sel'khoz. 33 no.9:115-117 S '62.
"Material self-interest in operation" by P.V.Savchenko. Book review. Ekon.sel'khoz. 11 no.9 126 S '62.
Voropaev, V.I., and P.P.Nelichenko. [Supplementary wages on collective farms] Dopolnitel'naia oplata truda v kolkhozakh. Moskva, Ekonomizdat, 1962. 170 p.
Wages on collective farms. S.S.Kahyth. Mat.i sooch. issl.otd.inst.po ekon.SSSR no.12/13:18-28 F-Mr '62.

COLLECTIVE FARMS—INTERFARM COOPERATION
(see also subdivision under Lubny District; Ukraine; Ukraine, Western; Volyn' Province)
Laboratory for testing building materials. I.Obrazkov. SIP bud. 12 no.10:18 O '62.
Pakhomov, A.M. [Finances of intercollective-farm organizations and enterprises] Finansy mezhkolkhoznykh organizatsii i predpriiatii. Moskva, Ekonomizdat, 1962. 131 p.
Progressive organization of housing construction. V.Urovatkyi, I.Mitchovitka. SIP.bud. 12 no.10: 6-8 O '62.
A proper distribution of personnel is the most important condition for self-sustaining work of an enterprise. A.Kayvenko. SIP bud. 12 no.10 17 O '62.
Put the construction of stock buildings on the production line. V.Shepytyts'kyi, I.Vainshtein. SIP bud. 12 no.10 1-3 O '62.
To build faster and cheaper. Obrigo V.Solovienko. SIP bud. 12 no.10:13 O '62.
Traveling mechanized brigade builds cow barns. A.Dobushyl. SIP.bud. 12 no.10:3-4 O '62.

COLLECTIVE FARMS—LAWS AND LEGISLATION
Baisalov, S.B., and M.S.Sakhipov. [Legal forms of the organization of work and the tightening of labor discipline on the collective farms of the Kazakh S.S.R.] Pravovye formy organizatsii i ukrepleniia distsipliny truda v kolkhozakh Kazakhskoi SSR. Alma-Ata, Izd-vo Akad. nauk Kazakhskoi SSR, 1962. 235 p.
Some problems of judicial practice in cases concerning the civil lawsuits of collective farms. G.Dobrovol'skii. Sots.zakon. 30 no.8:12-15 Ag '62.

COLLECTIVE FARMS—MANAGEMENT see subdivision under Perm Province; Turi District

COLLECTIVE FARMS—STATISTICS
Bellanovskii, I.K. [Collective-farm trade statistics] Statistika kolkhoznoi torgovli. Moskva, Gosstatizdat, 1962. 125 p.

COLLISIONS (NUCLEAR PHYSICS)
Angular distribution of fast particles departing from a metal surface irradiated by an ion beam. E.S.Mashkova, V.A.Molchanov. Dokl.AN SSSR 146 no.3:585-587 S '62.
Cross sections for the dissociation of D_2^+ ions into D_1^0 and D^+ ions in collisions with deuterium molecules [with summary in English]. S.E.Kupriianov, A.A. Perov, N.N.Tunitskii. Zhur.eksp.i teor.fiz. 43 no.3:763-764 '62.

COLLISIONS (NUCLEAR PHYSICS) (Continued)

Single-electron approximation in collision theory [with summary in English]. B A Veklenov, I V Novobrantsev Zhur eksp i teor. fiz 43 no. 3:919-926 '62

Theory of inelastic atomic collisions [with summary in English]. A M Dykhne, A V. Chaplik Zhur eksp i teor fiz 43 no 3:869-892 '62

Transfer reactions of 2n and 3n by bombardment of Al, Cu, and Ta with N^{15} and N^{14} ions [with summary in English] V V. Volkov and others Zhur. eksp. i teor. fiz. 43 no 3 865-872 '62

COLLOIDS

Radiation method of preparation of highly dispersed metals and oxides. G M Zhabrova and others Izv. AN SSSR Otd khim nauk no 9 1690-1692 S '62

COLOMBIA—CATHOLIC CHURCH

By fire and sword. S. Borisov Nauka i rel. no 5:48 My '62.

COLOMBIA—MOTION PICTURES

The motion picture "Sources of stones." Mol mira no 6 16 '61.

COLON (ANATOMY)—DISEASES

Clinical aspects and diagnosis of gastrocolic fistulae. I. I. Krasovskii, S. D. Nazarov. Sov. med. 26 no. 9: 60-62 Ag '62.

COLONIES

Berkov, E. A., and G. F. Kim. [Disintegration of the colonial system of imperialism] Raspad kolonial'noi sistemy imperializma. Moskva, Vysshaia shkola, 1962. 87 p.

COLOR—PSYCHOLOGY

Color in the shop. M. Pavlov. Zdorov'e 8 no. 10,0 O '62.

COLOR CENTERS

Calculation of the first excited state of the F-center with regard to degeneration. I. G. Zaslavskaia. Fiz. tver. tela 4 no. 4 983-987 Ap '62.

Thermal discoloration of F-color centers in alkali metal halide crystals under optical conditions. F. N. Zaitov, Iu. L. Lukantsever. Izv. vys. uch. zav., fiz. 3:15-48 '62.

COLOR MOTION-PICTURE PHOTOGRAPHY—FILMS

New color motion-picture films [with summary in English on p. 96]. Z. K. Averbukh and others. Tekh. kino i telev. 6 no. 9:47-48 S '62.

COLOR OF ANIMALS

Biological significance of color in golden Karakul sheep V S. Zhilkova. Vest. sel'khoz. nauki [Kazakh] 5 no 9 38-44 S '62.

COLOR PHOTOGRAPHY

Maxwell's color photography. Ralph Evans. Nauka i zhizn' 29 no. 6:83-85 Je '62.

COLOR PRINTING

Single-revolution multicolor method of reproducing graphic geological materials. A. G. Zagorodnii. Razved. i okh. nedr 28 no. 5:50-53 My '62.

COLOR SENSE

Methods of solving sensory problems on the differentiation and reproduction of color. K. V. Bardin. Dokl. APN no. 3:99-102 '62.

Relation between the number of receptors and the number of independent colors. V. K. Liapidevskii. Dokl. AN SSSR 146 no. 3:696-699 S '62.

COLOR TELEVISION

On color television. Sov. rad. i tel. 6 no. 1:2 '57.

COLORIMETRY

Determining hemoglobin with a photoelectric colorimeter. V. A. Anikevich. Voen.-med. zhur. no 9:74-75 S '61.

Determining the erythrocyte content of the peripheral blood by means of the FEK-M photocolorimeter. Voen.-med zhur. no. 9 72-73 S '61

Photocolorimetric detection of morphine in an opium-benzoin infusion. P. G. Smolianskaia, L. M. Gustavina. Trudy Len. khim.-farm. inst. no. 13:278-282 '61.

COLPOSCOPY

Dynamics of the neurovascular reactions according to colposcopy data in uterine hemorrhages of an inflammatory origin under the influence of Pyatigorsk radon waters. A. V. Emanuel', Uch. zap. Pyat. gos. nauch.-issl. bal'n. inst. 3 365-374 '60.

Effect of vaginal radon irrigations on the vascular and muscular tonus of the uterus in cats. A. V. Emanuel', Uch. zap. Pyat. gos. nauch.-issl. bal'n. inst. 3:334-352 '60.

COLUMBITE

Floatability of columbite and some of it's accompanying minerals by various collectors. S. I. Pol'kin, Chen De-min [Ch'eng Te-ming]. Izv. vys. ucheb. zav., tavet. met. 5 no. 5:28-33 '62.

COMA

Carbohydrates are to blame. M. G. Abramov. Zdorov'e 8 no. 11:14-15 N '62.

COMBINES (AGRICULTURAL MACHINERY)

Antiph, V. G., S. M. Grigor'ev, and A. B. Lur'e. [Grain harvesting combines and the organization of combine harvesting of grain crops] Zernouborochnye kombainy i organizatsiia kombainovoi uborki zernovykh kul'tur. Leningrad, Sel'khozizdat, 1962. 383 p. (DNAL)

Combines in hemp harvesting G. I. Goncharov. Trudy Vses. nauch.-issl. inst. lub kult. no 24 261-270 '59.

Maksimenko, V. G. [Combine harvesting of potatoes] Kombainovaia uborka kartofelia [Moskva] Mosk rabochii, 1962 39 p (DNAL)

Technological innovators speak. A. Panov. Sov. rad. i tel. 6 no. 4:26 '57.

Using combines in forage bean harvesting. M. G. Penkin. Vest. sel'khoz. nauki [Kazakh.] 5 no. 6:80-84 Jl '62.

COMBUSTION

Regularities in the changes of length of the twisted flame of atomized fuel A S Lyshevskii Izv vys. ucheb zav., mashinostr no 5 85-90 '62.

COMFREY see subdivision under Kazakhstan

COMMERCE

Lartsev, F. F. [Commerce under socialism; lecture read at the Higher Party School at the Central Committee of CPSU] Torgovlia pri sotsializme; lektsiia, prochitannaia v Vysshei partiinoi shkole pri TsK KPSS. Moskva, VPSh, 1959 60 p (Politicheskaia ekonomiia) (NNC)

COMMERCIAL AGENTS

Granting the right to sign foreign trade transactions. Vnesh. torg. 42 no. 10:53-54 '62.

COMMERCIAL CRIMES

When adherence to principles is lacking. F. Likhachev. Komm. Vooruzh. Sil 3 no. 21:69-72 N '62.

COMMERCIAL PRODUCTS

Bulgakov, N. V., and G. I. Kutianin. [Introduction, Plastics, Commercial Chemicals] Vvedenie, Plasticheskie massy, Khimiko-moskatel'nye tovary. Moskva, Gostorgizdat, 1962. 368 p. (Tovarovedenie promyshlennykh tovarov)

[New consumer goods; information bulletin] Nov. tov.; inform. biul., no. 11 '62.

COMMONWEALTH OF NATIONS

Disintegration of the British Empire and international relations. I. M. Lemin. Nov. i noveish. ist. no. 4: 12-29 '62.

COMMUNE, 1871 see subdivision under Paris

COMMUNICABLE DISEASES

Bilibin, A. F. [Textbook of infectious diseases] Uchebnik infektsionnykh boleznei. Moskva, Medgiz, 1962. 415 p. (DNLM)

Budze, M., and A. Blugers, eds. [Handbook on the most important infectious diseases] Svarigakas infekcijas slimibas, rokasgramata. Riga, Latvijas Valsts izdevnieciba, 1961. 309 p. [In Latvian] (DNLM)

Influence of certain infectious diseases of the state of antidiphtheria inoculation immunity. P. G. Rytik. Zdrav. Bel. 8 no. 5:9-10 My '62.

"Methods for studying the sources of and the paths in the spread of infection" by P. N. Zhurina. Reviewed by E. P. Klimenko. Zhur. mikrobiol., epid. i immun. 33 no. 8:152-153 Ag '62.

Morphological phenomena of the protective functions of the body in infectious processes. M. V. Voin-IAsenetskii. Vest. AMN SSSR 17 no. 5:102-109 '62.

COMMUNICABLE DISEASES—BIBLIOGRAPHY see Bibliography—Communicable diseases

COMMUNICABLE DISEASES—PREVENTION
(see also subdivision under White Russia)

Eradication of infections. I. I. Rogozin. Zhur. mikrobiol., epid. i immun. 33 no. 4:133-135 Ap '62.

Inter-institute conference on problems of the specific prevention of infectious diseases. V. M Ivanov. Zhur. mikrobiol., epid. i immun. 33 no. 8:164-166 Ag '62.

Problem of eradicating infectious diseases. L. V. Gromashevskii. Zhur. mikrobiol., epid. i immun. 33 no. 4: 128-133 Ap '62.

Why is is impossible to agree with Sh. D. Moshkovskii's interpretation on questions of principle in the elimination of infection. L. V. Gromashevskii. Zhur. mikrobiol., epid. i immun. 33 no. 8:135-140 Ag '62.

COMMUNICATION THEORY see Information theory

COMMUNICATIONS, MILITARY

Future officers in special training. F. Pimonov. Voen. vest. 42 no. 10:59-60 O '62.

Improve special training for officers. N. Shishov. Voen. vest. 42 no. 10:92-94 O '62.

Loudspeaking communication in training. I. Stepkin. Voen. vest. 42 no. 10:100 O '62.

Plestsov, K. M. [People who have performed great feats, communications men, heroes of the Soviet Union] Liudi vysokogo podviga, svyazisty - geroi Sovetskogo Soiuza. Moskva, Voenizdat, 1962. 254 p.

COMMUNISM
(see also subdivision under Lithuania)

Aizenberg, I. P. [Building of communism, and commodity and monetary relations] Stroitel'stvo kommunizma i tovarno-denezhnye otnosheniia. Moskva, Izd-vo "Znanie," 1962. 46 p. (Novoe v zhizni, nauke, tekhnike. III Seriia: Ekonomika, no. 16)

At the forefront of the revolutionary movement. The fifty-anniversary of the declaration of the Conference of the Representatives of Communist and Workers' Parties in 1957. V. Tolstikov Agitator no. 22:25-29 N '62.

Burlakov, M. I. [Development of production relations during the period of the building of communism] Razvitie proizvodstvennykh otnoshenii v period stroitel'stva kommunizma. Moskva, Izd-vo "Znanie," 1962. 38 p. (Novoe v zhizni, nauke, tekhnike. III Seriia: Ekonomika, no. 17)

Dedicate every minute, every hour to the cause of communism. I. Ivanov, S. Terekhov. Mest. prom. i khud. promys. 3 no. 8 1 Ag '62.

[Dialectics of the development of the Soviet socialist society] O dialektike razvitiia sovetskogo sotsialisticheskogo obshchestva. Moskva, Gospolitizdat, 1962. 263 p.

Forty-five years of the Great October Revolution. Sov. profsoiuzy 18 no. 20:2-3 O '62.

Ganin, N. I. [Expanded advance toward communism] Razvernutym frontom k kommunizmu. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1962. 63 p.

"A history of the socialist thought" [in English] by G. D. H. Cole. Vols. 4-5. Reviewed by V. M. Alekseev, M. I. Pshedetskii. Nov. i noveish. ist. no. 5:145-149 '62.

A holiday of the creators of the new life. Nauka i rel. 4 no. 11:3-6 N '62.

In the forefront of the struggle for peace, democracy, and socialism. L. Tolkunov. Part. zhizn' no. 21 23-31 N '62.

Lenin, V. I. [Communist morals] O kommunisticheskoi nravstvennosti. Moskva, Gos. izd-vo polit. lit-ry, 1961. 293 p. (MdBJ)

The meaning of our epoch. Sovremennik Nov. vremia 20 no 45.3-5 N '62.

Moscow, Akademiia obshchestvennykh nauk. [Outline for the course "History and theory of the international communist and labor movement" for evening universities of Marxism-Leninism (history faculty)] Programma kursa "Istoriia i teoriia mezhdunarodnogo kommunisticheskogo i rabochego dvizheniia" dlia vechernikh universitetov marksizma-leninizma, istoricheskii fak-t. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1962. 39 p.

New literature on the economic nature of public consumption funds. P. Savchenko Nauch. dokl. vys. shkoly: ekon. nauki no. 5:95-99 '62.

Novoselov, S. P. [The most effective force of the present time; the contemporary stage of the world communist movement] Samaia vlivatel'naia sila sovremennosti, mirovoe kommunisticheskoe dvizhenie na sovremennom etape. Moskva, Gospolitizdat, 1962. 78 p.

On the threshold of the forty-sixth. Inostr. inz. v shkole no. 5, 3-5 S-O '62.

Operation of economic laws in the world socialist system. I. Kuz'minov. Mezhdunar. zhizn' 9 no. 11:81-84 N '62.

[Readings in Marxist-Leninist philosophy] Khrestomatiia po marksistsko-leninskoi filosofii. Moskva, Gos. izd-vo polit. lit-ry.
Vol. 3, 1962, 800 p.

The romance of revolution. Nazim Hikmet. Nov vremia 20 no. 45-10-12 N '62.

Smirnov, G. L. [Formation of communist social relations] Formirovanie kommunisticheskikh obshchestvennykh otnoshenii. Moskva, Gospolitizdat, 1962. 53 p. (V pomoshch' izuchaiushchim materialy XXII s"ezda KPSS)

Some problems concerning the transition to communism. A. Tolkunov. Mezhdunar. zhizn' 9 no. 11:85-89 N '61.

The system of prices and the tasks of the building of communism. D. Kondrashev. Ekon. sel'khoz. 35 no. 9:28-32 S '62.

Ways of social and political development of the former colonial and "semicolonial" countries in the light of the new program of the CPSU. A. Ul'rchenko. Mat. i sots. issl. otd. Inst. po izuch. SSSR no. 32/33:1-18 [illegible] '62.

We must train one million technical specialists annually. Radio no. 10:1-2 O '62.

You take part in a great discussion. Aleksandr Mikulevich. Smena 39 no. 20, 1-2 O '62.

COMMUNISM—BIBLIOGRAPHY see Bibliography—Communism

COMMUNISM—CONGRESSES

[illegible]

Socialist State Toward Communist Self-Government] Trudy. Moskva, Izd-vo Akad. nauk SSSR, 1961. 348 p. (IEN)

COMMUNISM AND LITERATURE

Borshchukov, V.I. [Ideas and images] Idei i obrazy. Moskva, Izd-vo "Znanie," 1962. 46 p. (Narodnyi universitet kul'tury. Fakul'tet literatury i iskusstva, no. 9)

Fridlender, G.M. [K. Marx and F. Engels and problems of literature] K. Marks i F. Engel's i voprosy literatury. Moskva, Goslitizdat, 1962. 575 p.

COMMUNISM AND RELIGION

Foundation of the world outlook of millions. IA. Savenko. Voiov. ateist no. 10:12-14 O '62.

Sadovskii, N.A. [Communist morals and religious morals are incompatible] Akhloki kommunisti va akhloki dini ba khamdigar mukholif ast. Stalinobod, 1961. 15 p. [In Tajik]

COMMUNIST COUNTRIES

Motive force of the world socialist system. Sh. Sanaiev. Mezhdunar. zhizn' 9 no. 11:89-93 N '62.

Shyrialev, IU.I. [Flourishing and cooperation of Soviet socialist nations] Rozkvit i spivrobitnytstvo radians'kykh sotsialistychnykh natsii. Kyiv, Vyd-vo Akad. nauk URSR, 1960. 94 p.
(WU)

COMMUNIST COUNTRIES—COMMERCE

Development of foreign commercial relations. M. Makarova. Mezhdunar. zhizn' 9 no. 11:94-97 N '62.

COMMUNIST COUNTRIES—CULTURE

Arnol'dov, A.I. [Socialism and culture; the cultural revolution in the European countries of people's democracies] Sotsializm i kul'tura; kul'turnaia revoliutsiia v evropeiskikh stranakh narodnoi demokratii. Moskva, Izd-vo Akad. nauk SSSR, 1962. 427 p. [With summary in English]

COMMUNIST COUNTRIES—ECONOMIC POLICY

Coordination of economic plans. A. Alekseev. Mezhdunar. zhizn' 9 no. 11:74-81 N '62.

Operation of economic laws in the world socialist system. I. Kuz'minov. Mezhdunar. zhizn' 9 no. 11:81-84 N '62.

COMMUNIST COUNTRIES—FOREIGN ECONOMIC RELATIONS

Economic contacts between the European people's democracies and underdeveloped countries. L. Zevin, V. Menker, N. Ushakova. Mir ekon. i mezhdunar otn. no. 11:123-129 N '62.

Ganin, N.I. [Expanded advance toward communism] Razvernutym frontom k kommunizmu. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1962. 93 p.

Shoulder to shoulder. Mykola Babyn. Ukraina no. 21: 7 N '62.

Stronghold of peace on earth. IU. Frantsev. Mezhdunar. zhizn' 9 no. 11:100-103 N '62.

The world socialist system and the national liberation movement. E. Zhukov. Mezhdunar. zhizn' 9 no. 11:97-100 N '62.

COMMUNIST COUNTRIES—INTERNATIONAL BROADCASTING

Friends meet through broadcasts. I. Trofimova. Sov. rad. i tel. 6 no. 5:25-27 '57.

International cooperation in radiobroadcasting. L. Andreev. Sov. rad. i tel. 6 no. 3:25-27 '57.

International ties of the Soviet radio. L. Andreev. Sov. rad. i tel. 6 no. 2:17-18 '57.

Science in the service of peace. A. Jardinier. Sov. rad. i tel. 6 no. 5:30-31 '57.

Visit to the U.S.S.R. of radio delegations from Hungary and Poland. Sov. rad. i tel. 6 no. 5:32 '57.

COMMUNIST COUNTRIES—RADIO IN SPORTS

Meeting of radio sportscasters. Sov. rad. i tel. 6 no. 5:27 '57.

COMMUNIST COUNTRIES—RADIO PROGRAMS FOR CHILDREN

Meeting in Warsaw. A. Men'shikova. Sov. rad. i tel. 6 no. 6:32-33 '57.

COMMUNIST COUNTRIES—STATISTICS

"Socialist camp"; brief political and economic manual with illustrations, edited by L.N. Tolkunov. Reviewed by IU. Kormov. Vest. stat. no. 10:64-68 '62.

COMMUNIST EDUCATION
(see also subdivision under Temir-Tau)

Be there, where the young people are. N. Klepsch. Mol. komm. no. 10 28-31 O '62.

Let's improve the Marxist-Leninist education of commissioned officers. D. Reshetov. Komm. Vooruzh. Sil 3 no. 20:19-25 O '62.

Lukin, IU.A. [Role of Soviet literature in the communist education of workers] Rol' sovetskoi literatury v kommunisticheskom vospitanii trudiashchikhsia. Moskva, Ob-vo po rasprostraneniiu polit. i nauchnykh znanii RSFSR, 1960. 31 p.
(NNC)

Moscow. Akademiia obshchestvennykh nauk. [Fundamentals of communist education, teacher's aid] Osnovy kommunisticheskogo vospitaniia; uchebnoe posobie. 2. izd. Moskva, Gospolitizdat, 1962. 447 p.

Moscow. Akademiia obshchestvennykh nauk. [Program of the study of materials of the 22d Congress of CPSU, for theoretical seminars on foreign policy and the international situation of the U.S.S.R., the development of socialism in the people's democracies and the world-wide liberation movement] Programma izucheniia materialov XXII s'ezda KPSS dlia teoreticheskikh seminarov po vneshnei politike i mezhdunarodnomu polozheniiu SSSR, sotsialisticheskomu stroitel'stvu v stranakh narodnoi demokratii, mirovomu osvoboditel'nomu dvizheniiu. Moskva, 1961. 19 p.

New methods of political studies. B. Vlazgichev. Komm. Vooruzh. Sil 3 no. 20:63-68 O '62.

Training in communist consciousness. K.A. Ivanovich. Sred. spets. obr. 9 no. 9:55-58 S '62.

We inculcate the habits of communist behavior. N. Panova. Shkola-int. no. 5:14-21 S-O '62.

COMMUNIST ETHICS

"Basic principles of Marxist ethics" by A.F. Shishkin. Reviewed by L.M. Arkhangel'skii. Vop. filos. 16 no. 10:150-153 '62.

Combining material and moral work incentives. Sots. trud 7 no. 8:3-10 Ag '62.

Kononenko, E.V. [Man to man...] Chelovek - cheloveku... Moskva, Gospolitizdat, 1962. 61 p. (Moral'nyi kodeks stroitelia kommunizma)

Lenin, V.I. [Communist morals] O kommunisticheskoi nravstvennosti. Moskva, Gos. izd-vo polit. lit-ry, 1961. 293 p.
(MdBJ)

Moscow. Akademiia obshchestvennykh nauk. [Problems of Marxist-Leninist ethics] Voprosy marksistsko-leninskoi etiki. Moskva, Izd-vo VPSh i AON, 1962. 162 p.

Our Leninist brotherhood of the Communists. M. Shilov. Komm. Vooruzh. Sil 3 no. 20:13-19 O '62.

A powerful factor in education. Part. zhizn' no. 21:3-7 N '62.

[Truth to one's face] Pravdu - v glaza. Moskva, Gospolitizdat, 1961. 61 p. (Vremia i liudi. Iz serii o kommunisticheskoi morali)

COMMUNIST ETHICS—STUDY AND TEACHING

Russia 1923- U.S.S.R.) Upravlenie prepodavaniia obshchestvennykh nauk. [Outline for the course "Fundamentals of Marxist-Leninist ethics" for institutions of higher learning (32 hours)] Programma kursa "Osnovy marksistsko-leninskoi etiki" dlia vysshikh uchebnykh zavedenii (32 chasa). Izd. 3., ispr. i dop. Moskva, Gospolitizdat, 1962. 19 p.

COMMUNIST PARTIES
(see also subdivision under Basutoland; Bulgaria; Czechoslovakia, Franco, Germany, West; Great Britain; Japan, Poland, United States; Uruguay)

At the forefront of the revolutionary movement; the fifth anniversary of the declaration of the Conference of the Representatives of Communist and Workers' Parties in 1947. V. Tolstikov. Agitator no. 22:35-39 N '62.

Some important problems in the historical course of the international workers' and national liberation movement. B.S. Popov. Uch. zap. kaf. ist. mezhdunar. rab. i nats.-osv. dvizh. no. 1:3-17 '59.

COMMUNIST PARTIES—CONGRESSES

Soveshchanie predstavitelei kommunisticheskikh i rabochikh partii sotsialisticheskikh stran, Moscow, 1960. [Documents of the Conference of Representatives of Communist and Workers' Parties of Socialist Countries] Dokumenty soveshchaniia. Moskva, Gos. izd-vo polit. lit-ry, 1960. 62 p.
(IU)

COMMUNIST PARTY OF THE SOVIET UNION
(see also subdivision under Armenia; Chechen-Ingush A.S.S.R., Irkutsk; Kabardino-Balkar A.S.S.R.; Kalinin; Kazalinsk; Novovolynsk; Pallasovka District; Rybnovsk District; Ukraine; Uzbekistan; White Russia)

Along Lenin's road. Agitator no. 23:3-6 D '62.

Bulatov, I.G. [Struggle of the Communist Party for the development of the cooperative movement in the U.S.S.R., 1921-1925] Bor'ba Kommunisticheskoi partii za razvitie kooperativnogo dvizheniia v SSSR, 1921-1925 gg. Penza, M-vo sel'. khoz. RSFSR, 1961. 361 p.
(MH)

[The fighting vanguard of the Soviet people; visual aid for students of the statutes of the CPSU] Boevoi avangard sovetskogo naroda; naglidnoe posobie v pomoshch' izuchaiushchim Ustav KPSS. [Moskva] Gospolitizdat, 1962. 31 p.

"Globe," no. 10. Smena 30 no. 20:16-17 O '62.

Gorlov, P.M. [The Lenin appeal] Leninskii prizyv. [Moskva] Izd-vo Mosk. univ., 1962. 65 p.

[History of the Communist Party of the Soviet Union] Istoriia Kommunisticheskoi partii Sovetskogo Soiuza. Izd. 2., dop. Moskva, Gospolitizdat, 1962. 783 p.

"History of the Communist Party of the Soviet Union." Reviewed by E. Bugaev. Part. zhizn' no. 22 71-77 N '62.

Local party organizations are the mainstay of the CPSU. IA. Paderin. Komm. Vooruzh. Sil 3 no. 20:56-66 O '62.

Moscow. Akademiia obshchestvennykh nauk. [CPSU in the struggle for the expansion of the national economy at the present stage] KPSS v bor'be za pod'em narodnogo khoziaistva na sovremennom etape. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1962. 325 p.

On the periodical "Voprosy istorii KPSS." Part. zhizn' no. 22 44-46 N '62.

Party life as described on the pages of a newspaper. Part. zhizn' Kazakh. no. 6 71-77 Je '62.

"Permanent members" of party bureaux. V. Krokhalev. Part. zhizn' no. 21 58-60 N '62.

[Readings in Marxist-Leninist philosophy] Khrestomatiia po marksistsko-leninskoi filosofii. Moskva, Gos. izd-vo polit. lit-ry.
Vol. 3. 1962. 800 p.

Should I agree with this decision of the party conference? A. Kotova. Part. zhizn' no. 21 58-59 N '62.

COMMUNIST PARTY OF THE SOVIET UNION—CONGRESSES

Kommunisticheskaia partiia Sovetskogo Soiuza. 15 s'ezd, Moscow, 1927. [The 15th Congress of the Communist Party of the Soviet Union, December, 1927. Verbatim report] Stenograficheskii otchet. Moskva, Gospolitizdat, 1961-1962. 2 v. [Protokoly i stenograficheskie otchety s'ezdov i konferentsii Kommunisticheskoi partii Sovetskogo Soiuza]

Kommunisticheskaia partiia Sovetskogo Soiuza. 7 Ekstrennyi s'ezd, 1918. [Verbatim report of the Seventh Extraordinary Congress of the Russian Communist Party (Bolshevik), March 1918] Stenograficheskii otchet. Moskva, Gospolitizdat, 1962. 401 p. (Protokoly i stenograficheskie otchety s'ezdov i konferentsii Kommunisticheskoi partii Sovetskogo Soiuza)

Most important tasks of linguistic science in the Ukraine in the light of the decisions of the 22d Congress of the CPSU. Movoznavstvo 17:3-12 '62.

Soviet effort to fulfill the tasks in foreign policy set up by the 20th Congress of the CPSU, 1956-1960. I.I. Ivashin. Uch. zap. kaf. ist. mezhdunar. rab. i nats.-osv. dvizh. no. 1:18-44 '60.

COMMUNIST PARTY OF THE SOVIET UNION—MEMBERSHIP

Ukhov, G.V. [What the party requires from the Communist] Chego partiia trebuet ot kommunista. [Moskva] Mosk. rabochii, 1963. 72 p.

A violation of the statutes of the CPSU. S. Syndykov. Part. zhizn' no. 22:58-59 N '62.

Why our foreman wasn't admitted into the party? A. Khoroshaev. Part. zhizn' no. 21:57-60 N '62.

COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK
(see also subdivision under Alma-Ata Province; Druzhkovka; Karaganda, Kaspi District; Kazakhstan; Kopyl' District, Petrikov District; Semipalatinsk Province; Turkmenistan; Voskresensk District)

Asaevich, E.A. [Initiative in party work] Initsiativa v partiinoi rabote. Moskva, Gospolitizdat, 1962. 63 p. (Voprosy partiinogo stroitel'stva)

Close contacts with the masses are the most important factor in our work. IU. Vostrikov. Part. zhizn' no. 22: 47-50 N '62.

The duty of propagandists. N. Sorokin. Agitator no. 22: 3-10 N '62.

Each work must be completed. A. Kochkurov. Agitator no. 22 56-60 N '62.

Follow-up of unpublished letters to the editor. Part. zhizn' no. 22:78 N '62.

Managers should at the same time be the educators of the masses. Agitator no. 22:11-14 N '62.

A modest, industrious, and warmhearted man. G. Makin. Agitator no. 23:51 D '62.

"Park benches in the city of Yegor'yevsk." Agitator no. 22.51-53 N '62.

Participation of higher officials in party work. S. Mostovoi, V. Sinitsyn. Part. zhizn' no. 22:51-54 N '62.

Party news. Part. zhizn' no. 21:77-78 N '62.

Party news. Part. zhizn' no. 22:70-80 N '62.

Party organizations of regional agricultural administrations; a review of letters to the editor. Part. zhizn' no. 21:41-46 N '62.

Party workers on duty or just plain watchmen? G. Afanskii, A. Kulinskii. Part. zhizn' no. 22:60-61 N '62.

Pavel Popov, a propagandist. K. Strazov. Part. zhizn' no. 21:61-66 N '62.

Program for our work. Blok. agit. [Bel.] no. 4:1-10 F '60.

Sloev, V.P. [Communists guide and direct] Kommunisty vedut. Moskva, Izd-vo "Morskoi transport," 1959. 118 p.
(NNC)

Tvorogov, B.A. [Party assignments] Partiinye poruchenia. [Moskva] Mosk. rabochii, 1962. 30 p. (Bibliotechka sekretaria partorganizatsii)

V.I. Lenin on mass political work among Soviet workers. D. Kokubadze. Blok. agit. [Gruz.] no. 1:9-15 Ja '60.

We should improve our organizational work. Part. zhizn' no. 22:3-7 N '62.

COMMUNIST REVISIONISM

How A. Bebel struggled against revisionism [with summary in English, pp. 180-181]. M.S. Gluzberg. Vop. filos. 16 no. 10:70-81 '62.

COMMUNIST REVISIONISM (Continued)

How Rosa Luxemburg struggled against revisionism, from her unknown letters to J Tyszka (L Yogiches), 1893-1899. Nov i noveish.ist. no 5 102-110 '62

The struggle against revisionism at the 25th (extraordinary) Congress of the Communist Party of Great Britain. A A Ermolae Uch. zap. kaf. ist mezhdunar. rab i nats -osv. dvizh no 1 45-60 '59

COMMUNIST STATE

Bairachnyi, K.A., and V.A. Chetvanov. [From the state to communist self-government] Ot gosudarstva k kommunisticheskomu samoupravleniiu. [Khar'kov] Khar'kovskoe knizhnoe izd-vo, 1962 71 p.

Furmanov, G.L. [V.I. Lenin on the most advanced form of the state] V.I. Lenin o vysshem tipe gosudarstva. Moskva, Vysshaia shkola, 1962. 156 p.

Lenin, V.I. [Complete works] Polnoe sobranie sochinenii. Izd.5. Moskva, Gospolitizdat
Vol 33. [The State and the revolution] Gosudarstvo i revoliutsiia. 1962. 433 p.

COMMUNIST YOUTH LEAGUE
(see also subdivision under Astrakhan Province, Karelia, Kaskelen, Kirghizistan, Komsomol'sk, Krasnoyarsk Territory, Lithuania, Moscow, Rumania, White Russia, Yeysk)

Always and in all respects try to equal the Communists. A.Lizichev Komm.Vooruzh.Sil 3 no.20 69-71 O '62.

Cadres are growing and improving their working methods K Dubrava Komsom zhizn' no 12 2-7 Je '62

Celebrated patron G Shatunov Voen znan 38 no 10 2-3 O '62

A committee for Communist Youth League work. A.Makunin. Komm.Vooruzh.Sil 3 no.21 59-61 N '62.

Didusenko, A.A., and A.P. Skrypnik. [The law governing the life of the members of the Communist Youth League] Zakon komsomol'skoi zhizni [Moskva] Molodaia gvardiia, 1962 109 p

Diunin, V.M. [Shine brighter, Communist Youth League Searchlight!] Iarche sveti, "komsomol'skii prozhektor"! [Moskva] Molodaia gvardiia, 1962 77 p

Envoys of the Communist Youth League are the pride of the navy A Mel'chin Voen znan 38 no 10 6-7 O '62

Ivan Petkovich nine days O Spasskii Komsom zhizn' no 12 25-27 Je '62

Museums are our platform V Konashevich Komsom zhizn' no 12 20-21 Je '62

My comrades, members of the Communist Youth League. Mol komm no 10 94-97 O '62

On the battle watch A Bel'skii Voen znan 38 no.10 4-5 O '62.

A responsible position P Tselik Komsom zhizn' no 12-16-17 Je '62.

The revolutionary relay race is in reliable hands G Grabchenko Mol komm no 10 108-111 O '62

COMMUNISTS
(see also subdivision under Germany, West)

Ukhov, G.V. [What the party requires from the Communist] Chego partiia trebuet ot kommunista. [Moskva] Mosk. rabochii, 1962. 77 p

COMMUNITY AND SCHOOL

With the help of community workers A.T. Lebedev. Shkola-int. no.5 60-61 S-O '62.

COMMUNITY CENTERS
(see also subdivision under Leningrad; Smolensk Province, Yeysk)

Vladimirov, E.A. [Meetings devoted to specific subjects] Tematicheskie vechera, sbornik statei iz opyta kul'turosvetrabotnikov Moskva, Izd-vo "Sovetskaia Rossiia," 1962. 172 p (Bibliotechka sel'skogo nauchnogo rabotnika, no.3)

COMMUNITY LIFE see subdivision under Kiev, Lugansk Province, Moscow

COMMUTATION (ELECTRICITY)

Evaluation of sparking and quality control of the collectors of electrical machines. M.F.Karasev, V.P Suvorov. Izv.vys.ucheb.zav.;elektromekh 5 no.7;818-823 '62.

Mechanical causes of switching faults; grinding of the collectors of electrical machines with abrasive bars. N.D.TSaplin. Izv.vys.ucheb.zav.;elektromekh. 5 no.6;705-707 '62.

COMMUTATIVE GROUPS see Abelian groups

COMPANION CROPS

Effect of sowing dates on the interrelation between corn and pulse crops in companion cropping [in Armenian with summary in Russian]. E.L Akopian. Izv Glav. upr. sel'khoz nauk i podgot. kad. Arm. SSR 5 no 7 35-44 '62.

COMPARATIVE LAW—CONGRESSES

Sixth Congress of the International Academy of Comparative Law. V.P.Shatrov. Vest. AN SSSR 32 no.10; 87-89 O '62.

COMPARATIVE LITERATURE see Literature, Comparative

COMPENSATION, WORKMEN'S see Employers' liability

COMPETITION, INTERNATIONAL

Kuvalin, V.S. [Toward total victory in economic competition with capitalism] K polnoi pobede v ekonomicheskom sorevnovanii s kapitalizmom. Moskva, Ekonomizdat, 1962. 155 p.

COMPLEMENT FIXATION

Change in the complement-fixing activity of antigens prepared from Rickettsia burnetii [with summary in English]. A.I. IAkovlev, A.I. Polozov. Zhur mikrobiol., epid. i immun. 33 no 8-74-79 Ag '62.

COMPLEX COMPOUNDS

Application of the method of isomolar series and the method of equilibrium displacement using metal indicators for determining the composition of complexes. A.F Babko, M.I. Shtokalo. Ukr. khim. zhur. 28 no.3. 293-301 '62

Complexometric determination of copper, cobalt, and manganese I M IUrist, P G Shaihova Zav lab 28 no 10 1183-1184 '62

Extraction of carbazoline-thiocyanate complexes of metals M M. Tananaiko, G N Vinokurova Ukr khim zhur 28 no 5 651-652 '62

News of science and technology. Zhur.VKHO 7 no.5; 562-567 '62.

Stability of arsenazo complex compounds A F Kuteinikov Zav lab 28 no 10 1179-1182 '62.

Theory of complex-forming chromatography and its application to the separation of similar elements S IU Elovich. Izv AN SSSR, Otd. khim. nauk no 9 1538-1545 S '62

COMPOSERS

Soiuz kompozitorov SSSR. [Handbook for 1960] Spravochnik na 1960 god. Moskva, Sovetskii kompozitor, 1960. 226 p.
IU

COMPOSERS, LITHUANIAN

Guadrimas, IU.K. [Musical culture of Soviet Lithuania, 1940-1960] Muzykal'naia kul'tura Sovetskoi Litvy, 1940-1960; ocherk. Leningrad, Sovetskii kompozitor, 1961. 138 p.

COMPOST see subdivision under Czechoslovakia

COMPOUND E see Cortisone

COMPRESSED AIR

Making a combined use of compressed air in a high-capacity open-hearth furnace. M IA. Medzhibozhskii and others. Stal' 22 no. 10 891-900 O '62

COMPRESSED WOOD see Wood, Compressed

COMPRESSION OF WOOD see Wood, Compressed

COMPRESSORS

Centrifugal compressor with small productive capacity and relatively high degree of compression. M.S. Prikhod'ko. Izv.vys.ucheb.zav., energ. 5 no.9;91-102 S '62.

Murzin, V.A., and IU.A. TSolitin. [Turbocompressors in the mining industry of the U.S.S.R.] Turbokompressory v gornoi promyshlennosti SSSR. Moskva, Gosgortekhizdat, 1962. 70 p.

Promtov, A.I. [Technical equipment for the compressor stations of gas pipelines and its operation] Tekhnologicheskoe oborudovanie kompressornykh stantsii magistral'nykh gazoprovodov i ego ekspluatatsiia. Moskva, Gostoptekhizdat, 1962. 326 p.

Requirements of the gas and petroleum industry to the types of compressor machinery and potentialities of the use of free-piston units V V Gordzialkovskii. Izv. vys. ucheb. zav., mashinostr no. 5;26-36 '62.

CONCRETE

Nikitskii, A.S. [Hardeners for concretes and mortars] Uskoriteli tverdeniia betonov i rastvorov. Minsk, Gosizdat BSSR, 1962. 40 p.

CONCRETE—TESTING

State standard for determining the mobility and rigidity of a concrete mix. Biul.stroi.tekh. 19 no.10 13-15 O '62.

State standard for methods of determining the strength of heavy concrete. Biul.stroi.tekh. 19 no.10;10-13 O '62.

CONCRETE, LIGHTWEIGHT see Lightweight concrete

CONCRETE BRIDGES see Bridges, Concrete

CONCRETE CONSTRUCTION

Experimental use of rod bolting with sprayed concrete in mines of the Rostov Economic Region. B.K. Chukan and others Gor. zhur. no. 10 24-27 O '62

Varkhotov, T.L. [Composite-monolithic and precast honeycombed dams] Sborno-monolitnye i sbornye iacheistye plotiny. Moskva, Gosstroiizdat, 1962. 342 p.

CONCRETE MIXERS

Machines for preparing lightweight and ordinary concrete N Maksimovskii. Sel'stroi no 9.13 S '62.

Small winter mortar and concrete station Iu Usov. Sel'stroi no 9 4-5 S '62

CONCRETE PAVEMENTS see Pavements, Concrete

CONCRETE PILING

New method of manufacturing sectional reinforced concrete piles. P.Kuzin. Rech.transp. 21 no.10 43-44 O '62.

CONCRETE PLANTS
(see also subdivision under Kalush)

Redesigning reinforced concrete products plants. G. Marchenko Stil'. bud. 12 no.10,14-15 O '62.

CONCRETE REINFORCEMENT—WELDING

Contact fusion welding of insertion parts for reinforced concrete construction V.T Cherednichok, S.I Kuchuk-IAtsenko Avtom.svar 15 no 11 56-58 N '62

Vsesoiuznaia konferentsiia po primeneniiu svarki v stroitel'nykh konstruktsiiakh, 1961. [Use of welding structural elements] Primenenie svarki v stroitel'nykh konstruktsiiakh; [sbornik materialov]. Moskva, Gosstroiizdat, 1962. 415 p.

[MICROFILM]

CONCRETE SLABS

Perlite concrete insulating slabs based on slag cement A.R. Zaichenko, M.V. Zolotarevskaia. Stroi. mat no.9;27 S '62.

CONCRETE WALLS

Wall slabs based on agloporite. V.P. Zhidov, I.M. Levin. Stroi. mat 8 no.9;25-26 S '62.

CONDENSATION

Growth of drops during condensation. V.V. Ivanov. Izv.vys.uch.zav., fiz. no.2 62-64 '62.

CONDENSERS (ELECTRICITY)

Choice of operational strengths of pulse condensers Dashuk, G.S. Kuchinskii, E.I. Litvinova Vest. elektroprom. 33 no.9;10-12 S '62.

CONDITIONED RESPONSE

Characteristics of conditioned reflexes in a protracted course of dysentery in children. A.M. Beranko. In Khab.med.inst. no.20;23-26 '60.

Characteristics of motor defense conditioned reflexes in dogs in experimental tuberculosis. Report No.1 I.M.Kogan. K izuch.roli nerv.sist.v pat., immun. lech.tub. no.2;136-150 '61.

Characteristics of motor defense conditioned reflexes in dogs in experimental tuberculosis. Report No.2. I.M.Kogan. K izuch.roli nerv.sist.v pat., immun. lech.tub. no.2;151-163 '61.

Characteristics of the postural and local components of the conditioned leg lifting reflex in man [with summary in English]. M.F.Korotkin. Biul.eksp.biol.i med 53 no.6;6-11 Je '62.

Dynamics of imitational conditioned reflexes in certain marine fishes (codfish, coalfish, haddock). V.V. Gerasimov. Dokl.AN SSSR 146 no.6;1156-1159 O '62.

Effect of hypothermia in combination with hibernation conditioned reflexes from the auditory analyser [with summary in English]. G.V.Khvedelidze. Biul.eksp. biol.i med. 53 no.6,32-35 Je '62.

Effect of immunization and subsequent superinfection from a Mycobacterium tuberculosis culture on defensive exteroceptive conditioned reflexes in rabbits. A.L. Piekavichene. K izuch.roli nerv.sist.v pat., immun. i lech.tub. no.2;208-207 '61.

Effect of indole derivatives on higher nervous activity A.S. Zaklinskii. Zdrav.Bel. 8 no.5;76-36 My

Effect of testosterone propionate on the conditioned reflex activity of aging dogs. Z.N. Gendzelevskaia. Trudy Gos.nauch.-issl.inst.patfiz. 27;350-350 '61.

Experimental study of higher nervous activity in children with primary tuberculosis. E.P. Gaganova K izuch.roli nerv.sist.v pat., immun.i lech.tub. no.2;103-111 '61.

Increased working capacity of the cortical cells under the influence of conditioned stimuli of varying duration [with summary in English]. S.P.Pyshina. Biul.eksp. biol.i med. 53 no.6;3-6 Je '62.

Materials on a study of acid defense conditioned reflexes in experimental tuberculosis. I.M.Kogan. K izuch.roli nerv.sist.v pat., immun.i lech.tub. no.2;164-173 '61.

Physiological analysis of the pathological neurodynamics of the higher segments of the central nervous system in tuberculosis. G.S.Kan. K izuch.roli nerv.sist.v pat., immun.i lech.tub. no.2;5-18 '61.

State of higher nervous activity in tuberculosis. A.D. Semenov. K izuch.roli nerv.sist.v pat., immun.i lech.tub. no.2;92-102 '61.

CONDUCT OF LIFE

Kononenko, E.V. [Man to man...] Chelovek - cheloveku... Moskva, Gospolitizdat, 1962. 91 p. (Moral'nyi kodeks stroitelia kommunizma)

CONDUCTOMETRIC ANALYSIS

Amperometric titration of milligram quantities of SH-compounds in a trisoxymethylaminomethane buffer [with summary in English]. I. B. Krasnov. Biul. eksp. biol. i med. 53 no. 6:105-108 Je '62.

Using dithiocarbamets in amperometric analysis and investigating their analytical properties. IU. I. Usatenko, K. S. Ovarova. Ukr. khim. zhur. 28 no. 3:383-388 '62.

CONE

Cones in normalized structures [with summary in English]. G. IA. Lobanovskii. Vest. LGU 17 no. 19:118-150 '62.

CONFECTIONERY

(see also subdivision under Leningrad Economic region, Lithuania, Moscow, Nalchik)

Recommendations of the technical conference of the representatives of the RSFSR confectionery industry. Khleb. i kond. prom. 6 no. 10:20-22 O '62.

Review of the reports made by the representatives of the technical conference of the representatives of the RSFSR confectionery industry. Khleb. i kond. prom. 6 no. 10:19-20 O '62.

Tasks and prospects of the development of the confectionery industry in the light of the decisions of the 22d Congress of the CPSU. Khleb. i kond. prom. 6 no. 10:1-3 O '62.

Technical conference of the representatives of the confectionery industry of the RSFSR. Khleb. i kond. prom. 6 no. 10:3-4 O '62.

Testing clarifiers for the products of confectionery factories having own refinery shops. A. K. Khanamov, I. F. Zelikman. Izv. vys. ucheb. zav., pishch. tekh. no. 5:84-91 '62.

Widening of the assortment of confectionery products. A. N. Samburskaia. Khleb. i kond. prom. 6 no. 10:11-13 O '62.

CONFECTIONERY—EQUIPMENT AND SUPPLIES see subdivision under Leningrad

CONFORMAL MAPPING

On perfect bicompact extensions. E. G. Skliarenko. Dokl. AN SSSR 146 no. 5:1031-1034 O '62.

CONGO (LEOPOLDVILLE)—CATHOLIC CHURCH—CLERGY

Here they are, the missionaries! B. Godovannyi. Nauka i rel. no. 5:41-45 My '62.

CONGRUENCES (GEOMETRY)

Congruences of parabolas in equiaffine geometry. V. S. Malakhovskii. Dokl. AN SSSR 146 no. 3:539-541 S '62.

CONGRUENCES AND RESIDUES

Modulus of the mean value of quadratic residues [with summary in English]. N. V. Gordeev. Vest. LGU 17 no. 19:137-140 '62.

CONNECTIVE TISSUES

Effect of sublethal X-ray irradiation on the induction process caused by transitional epithelium in the connective tissue [with summary in English]. A. IA. Fridenshtein. Biul. eksp. biol. i med. 53 no. 6:80-84 Je '62.

CONODONTS see subdivision under Leningrad Province

CONSCIOUSNESS

"The problem of consciousness in philosophy and natural sciences" by E. V. Sholokhova. Reviewed by Ladygina-Kots, V. M. Kaganov. Vop. filos. 16 no. 10, 154-157 '62.

CONSERVATION OF NATURAL RESOURCES

Clever and efficient. Okhrana prirody no. 9:33-34 S '62.

Significance of the protection of nature and natural resources during the period of the building of communism. A. A. Nasimovich. Biul. MOIP. Otd. biol. 67 no. 5:5-9 S-O '62.

CONSTITUTION see subdivision under Russia; Uzbekistan

CONSTRUCTION EQUIPMENT

"Construction equipment" by N. M. Petrov. Reviewed by M. I. Gal'perin. Stroi. i dor. mash. 7 no. 9:38-39 S '62.

Mechanization of the construction of subsurface horizontal drainage. A. N. Mirsagatov. Vop. gidr. no. 5:107-117 '62.

New construction equipment and materials. Sel'. stroi. no. 9:22-23 S '62.

The PLO-5 press for pressing small pieces of wood into building blocks. I. K. Levin, O. IA. Grishans. Stroi. i dor. mash. 7 no. 9:25-26 S '62.

Zalenskii, V. S., and A. I. Ivanov. [Construction machinery and equipment] Stroitel'nye mashiny i oborudovanie. Moskva, Gosstroiizdat, 1962. 201 p.

CONSTRUCTION EQUIPMENT—ABSTRACTS

[Manufacture of construction equipment and road machinery. Mining machinery] Ref. zhur. Otd. vyp. 43: Stroi. i dor. mashinostr. Gor. mash. nos. 21-22 N '62.

CONSTRUCTION EQUIPMENT—BIBLIOGRAPHY see Bibliography—Construction equipment

CONSTRUCTION EQUIPMENT—MAINTENANCE AND REPAIR

The durability and repairability of construction equipment. K. P. Chudakov. Stroi. i dor. mash. 7 no. 9:21-24 S '62.

Lulk, I. A. [Basic principles of organizing the servicing and repair of construction equipment] Osnovnye printsipy organizatsii obsluzhivaniia i remonta stroitel'nykh mashin. Kiev, Gosstroiizdat USSR, 1962. 127 p.

CONSTRUCTION INDUSTRY

(see also subdivision under Dushanbe, Dzhetygara District, Kazakhstan, Kurgan, Minsk, Moldavia, Moscow, Riga; Smolensk Province, Soviet Central Asia, Sverdlovsk Province, Tajikistan, Ukraine, Vladimir Province, White Russia)

Akademiia stroitel'stva i arkhitektury SSSR. Nauchno-issledovatel'skii institut sel'skikh zdanii i sooruzhenii. [Raising the technical level of rural construction] Industrializatsiia sel'skogo stroitel'stva. Pod red. S. F. Nefedova. Moskva, Gosstroiizdat, 1962. 125 p.

Development of cooperation among socialist countries in the field of construction. V. Kozlov, A. P. Repenko. Ekon. stroi. no. 10:59-64 O '62.

Examination of plans and estimates for construction. S. Efremov. Ekon. stroi. no. 10:69-70 O '62.

For high quality of capital construction. Stil'. bud. 12 no. 10:1-2 O '62.

In the Leningrad Branch. Biul. stroi. tekh. 19 no. 10:37-40 O '62.

In the Ministry of Construction of the R. S. F. S. R. Mont. i spets. rab. v stroi. 24 no. 10:27-29 O '62.

In the State Committee on Construction of the R. S. F. S. R. Biul. stroi. tekh. 19 no. 9:37-38 S '62.

In the State Committee on Construction of the R. S. F. S. R. Biul. stroi. tekh. 19 no. 10:36-37 O '62.

In the State Committee on Construction of the R. S. F. S. R. Sel'. stroi. no. 9:30 S '62.

In the State Committee on Construction of the U. S. S. R. Biul. stroi. tekh. 19 no. 9:35-37 S '62.

In the State Committee on Construction of the U. S. S. R. Biul. stroi. tekh. 19 no. 10:31-35 O '62.

Information. Sel'. stroi. no. 9:31 S '62.

Instructions for working out plans and estimates for construction abroad with the technical assistance of the U. S. S. R. Biul. stroi. tekh. 19 no. 9:8-12 S '62.

Ionas, B. IA., and L. A. IUsfin. [Economic effectiveness of specialization and cooperation in construction] Ekonomicheskaia effektivnost' spetsializatsii i kooperirovaniia v stroitel'stve. Moskva, Ekonomizdat, 1962. 59 p. (Ekonomicheskoe samoobrazovanie)

Poltorygin, V. K. [Capital assets and production capacities in construction and their utilization] Osnovnye fondy i proizvodstvennye moshchnosti v stroitel'stve i ikh obrazovanie. Moskva, Ekonomizdat, 1962. 99 p. (Ekonomicheskoe samoobrazovanie)

Prefabrication techniques in construction. I. Onufriev, V. Poltorygin. Ekon. stroi. no. 9:61-69 S '62.

The problem of establishing norms for operation completion in construction. R. Tikidzhiev. Ekon. stroi. no. 9:51-55 S '62.

The problems of agricultural construction should be solved together. V. Novykov. Stil'. bud. 12 no. 10:19-20 O '62.

[Production norms, estimates, and regulations for construction and assembly operations, general construction operations] Proizvodstvennye normy, rastsenki i pravila na stroitel'no-montazhnye raboty, obshchestroitel'nye raboty. Izd. 6., dop. i ispr. Kiev, Gosstroiizdat USSR, 1962. 1025 p.

Questions regarding budget standards. Ekon. stroi. no. 9:59-60 S '62.

Raise the tempo of construction and assembly work! Ekon. stroi. no. 9:70-4 of cover S '62.

Readers' letters. Sel'. stroi. no. 9:29 S '62.

Simplify the compilation of estimates for planning and research work. D. Dudakov, Z. Barkan. Ekon. stroi. no. 10:71-72 O '62.

Sivitskii, K. P. [Builders in the struggle for creating the material and technical bases of communism] Stroiteli v bor'be za sozdanie material'no-tekhnicheskoi bazy kommunizma. Moskva, Gosstroiizdat, 1962. 33 p. (V pomoshch' ekonomicheskomu obrazovaniiu rabochikh, brigadirov i masterov-stroitelei)

Some problems of raising the level of economic work in construction. P. Gorbushin. Ekon. stroi. no. 10:29-32 O '62.

Studying the great program of the development of communism during the teaching of physics. L. V. Shabashina. Fiz. v shkole 22 no. 4:19-29 Jl-Ag '62.

There will be more new tenants. P. Zhuk. Sov. profsoiuzy 18 no. 20:45-46 O '62.

A very important resolution regarding the problems of construction. Ekon. stroi. no. 10:3-6 O '62.

Volkov, A. G. [Planning organizational and technical measures in construction] Planirovanie organizatsionno-tekhnicheskikh meropriiatii v stroitel'stve. Leningrad, Gosstroiizdat, 1962. 93 p.

Working out all-Union norms of technical design and technical and economic indices. Biul. stroi. tekh. 19 no. 10:8-10 O '62.

CONSTRUCTION INDUSTRY—ACCOUNTING

Improve the accounting for materials in construction. A. Gorodilin. Ekon. stroi. no. 9:49-50 S '62.

Payments in construction where centralized freight conveyance is in operation. A. Fedorets, M. Kanevskii, F. Kuz'min. Bukhg. uchet 19 no. 6:51-55 Je '62.

Problems of the methodology of accounting for the time factor. V. Cherniavskii. Vest. stat. no. 10:39-47 '62.

Procedure for compensating for additional expenses by construction and assembly organizations connected with paying for electric power. Ekon. stroi. no. 9:58-60 S '62.

CONSTRUCTION INDUSTRY—BIBLIOGRAPHY see Bibliography—Construction industry

CONSTRUCTION INDUSTRY—CONGRESSES

Raise the level of economic work in construction. Ekon. stroi. no. 10:21 O '62.

CONSTRUCTION INDUSTRY—COSTS

Improve the calculation of expenses for temporary structures. P. Kremens. Ekon. stroi. no. 10:56-58 O '62.

CONSTRUCTION INDUSTRY—DICTIONARIES

[Economic encyclopedia; industry and construction] Ekonomicheskaia entsiklopedia, promyshlennost' i stroitel'stvo. Chleny red. kollegii A. V. Bachurin i dr. Nauchn. sovet izd-va A. P. Aleksandrov i dr. Moskva, Gos. nauchn. izd-vo "Sovetskaia entsiklopedia," (Entsiklopedii, slovari, spravochniki)
Vol. 1. A - M. 1962. 951 p.

CONSTRUCTION INDUSTRY—FINANCE

(see also subdivision under Kazakhstan)

Payments for finished work in the construction of housing and buildings serving cultural and public needs. G. Bromberg. Nauch. dokl. vys. shkoly, ekon. nauki no. 5:78-86 '62.

CONSTRUCTION INDUSTRY—LABOR PRODUCTIVITY

Potentials for increasing labor productivity in assembly organizations. A. Ratenchuk. Ekon. stroi. no. 9:13-19 S '62.

CONSTRUCTION INDUSTRY—MANAGEMENT see subdivision under Armenia, Kazakhstan

CONSTRUCTION INDUSTRY—PRODUCTION METHODS see subdivision under Shakhtinsk

CONSTRUCTION INDUSTRY—STANDARDS

Russia (1923- U. S. S. R.) Gosudarstvennyi komitet po delam stroitel'stva. [Construction specifications and regulations] Stroitel'nye normy i pravila. Moskva, Gosstroiizdat.

Pt. 2. Sec. V, ch. 4. [Wood elements, standards for design] (SNiP II-V. 4-62)] Dereviannye konstruktsii, normy proektirovaniia. (SNiP II-V, 4-62). 1962. 32 p.

Sec. I., ch. 2. [Public buildings and structures, basic principles of design. (SNiP II-L. 2-62)] Obshchestvennye zdaniia i sooruzheniia, osnovnye polozheniia proektirovaniia. (SNiP II-L. 2-62). 1962. 7 p.

ch. 13. [Baths, standards for design. (SNiP II-L. 13-62)] Bani, normy proektirovaniia. (SNiP II-L. 13-62). 1962. 14 p.

Pt. 3. Sec. A, ch. 3. [Standards for the time required to build enterprises, economically operational industrial combines, shops, buildings, and structures. (SNiP III-A. 3-62)] Normy prodolzhitel'nosti stroitel'stva predpriiatii, puskovykh kompleksov, tsekhov, zdanii i sooruzhenii. (SNiP III-A. 3-62). 1962. 115 p.

CONSTRUCTION INDUSTRY—STATISTICS

Maizel's, D. L. [Statistics of capital construction] Statistika kapital'nogo stroitel'stva. Moskva, Gosstatizdat, 1962. 238 p.

CONSTRUCTION WORKERS

(see also subdivision under Kamchatka, Leningrad; Ukraine)

Construction workers of Mariupol and Rostov-on-Don in 1941 and 1942. Submitted by V. B. Tel'pukhovskii, A. N. Golubkova, F. I. Sharonov. Ist. arkh. 8 no. 4:76-94 Jl-Ag '62.

Winged romanticists, my coevals. Aleksandr Davydov. Smena 38 no. 20:3-5 O '62.

CONSUMPTION (ECONOMICS)

New literature on the economic nature of public consumption funds. P. Savchenko. Nauch. dokl. vys. shkoly; ekon. nauki no. 5:95-99 '62.

CONTACT DERMATITIS

Dermatitis and eczema caused by capron and nylon. P. M. Leonenko. Zdrav. Bel. 8 no. 5:41-42 My '62.

CONTAINER INDUSTRY see subdivision under Ukraine

CONTAINERS—ABSTRACTS
[Container shipments and the interaction of various types of transportation] Ref. zhur Otd. vyp. 31: Vzaimodeis. raz vid. transp i kont. perev. no. 11 N '62.

CONTAMINATED FOOD see Food contamination

CONTINENTAL SHELF see subdivision under Atlantic Ocean

CONTINUOUS CASTING
Prospects for the development of combined processes of continuous casting and rolling of steel. I. N. Golikov, O. G. Muzalevskii. Izv. AN SSSR. Otd. tekh. nauk. Met. i topl. no. 5:9-14 S-O '62.
Two-year experience in the continuous casting of steel P. G. Glazkov, K. P. Murzov, A. M. Kondratiuk Metallurg 7 no. 11:19-21 N '62

CONTRACTS
Usmanov, O. [Present-day contracts of retail sale and purchase in state commerce] Dogovor roznichnoi kupli-prodashi v gosudarstvennoi torgovle na sovremennom etape. Stalinabad, Tadzhikskii gos. univ. im. V. I Lenina, 1960 53 p.

CONTRACTS, MARITIME
Contracts for the dispatch of goods. G. E. Brukhis, Inform. sbor. TSNIIMF no. 46 Mor. pravo i prak no. 8 8-12 '60.
Contracts for towing. Inform. sbor. TSNIIMF no. 46 Mor. pravo i prak. no. 8:37-44 '60.
Role of maritime contracts in the maritime transportation of freight. G. L. Shmigel'skii, L. V. Padorin. Inform. sbor. TSNIIMF no. 71 Mor. pravo i prak. no. 15: 12-18 '61.

CONVERTERS
Converter making of steel in foundries. S. N. Mylko, N. P. Konashko. Lit. proizv no. 10:4-7 O '62.
Converter with removable nose. G. N. Kamyshev, O. P. Bolotov. Metallurg 7 no 11:32 N '62
Expanding the smelting of steel in oxygen-blown converters. S. G Afanas'ev Metallurg 7 no. 11.5-6 N '62.
Plant equipment with oxygen converters having a setting of 100-130 tons I I Dobroskok Stal' 22 no. 10:903-904 O '62.

CONVEYING MACHINERY
Determination of the capacity of belt conveyers intended for working at steep angels of incline. Ш. А. Perten. Izv. vys. ucheb. zav.; gor. zhur. no. 9:125-131 '61.
Equipment for the transportation of cement within a plant. V. IA. Petruk. Stroi. i dor. mash ? no. 9: 31-35 S '62.
Flexible roller bearings for belt conveyers and prospects for their use M. A. Llanger. Stroi i dor. mash. 7 no. 9:20-21 S '62.
Mechanized charging of cupolas with the help of a suspended pushing conveyer. B. E. Avchin, O. B. Semenov. Lit. proizv. no. 10:17-20 O '62.
Methods for balancing and vibration damping of vibratory conveying machinery. I. F. Goncharevich. Vest. mashinostr. 42 no. 10, 23-27 O '62.
Methods of conveying bagasse. I. L. Vilianskii. Sakh. prom. 36 no. 10:38-41 O '62.
New vibrating conveyor units for loose materials. I. I. Chornobil'skii, V. I. Bartashevich. Khim. prom. [Ukr.] no. 1:84-87 Ja-Mr '62.
Some problems in the theory and practice of conveying devices with a forced and gravitational motion. I. IA Nikonov. Izv. vys ucheb. zav., mashinostr. no. 5 153-168 '62.
Strains in a conveyer belt while passing over the carrying rollers. O. G. Karbasov. Izv. vys ucheb zav.,

...sible, A. S. Zharkov, ...ab. v stroi. 24 no. 10:

...RACTS
...y and structures] Ref. ...mash. i spec. nos. 21-

...MENT AND SUP-

...of catching device for ...ain P. A. Liashkevich, ... 5 no. 8 107-111 '62.

...ICATION
...f an overhead conveyer ...l' no. 10:16 O '62.

...OARDS
...moving chips in auto- ... Osmolovskii, Zh. E. ... 26 no. 10:10-16 O '62.

...ing. I. Vol'per, ... '62.
... 24 O '62.
...ifsev, A. Savin, ...

COOKERY (CORN)
[Serve corn] Kukuruza na stole. [Moskva, Gostorgizdat, 1962, 151 p.

COOKERY (DAIRY PRODUCTS)
[Dairy foods] Molochnaia pishcha. [Moskva] Pishchepromizdat, 1962. 419 p.

COOKERY (KALE)
Sea kale in cooking. IA. Kadanev. Obshchestv. pit. no. 7: 47-48 Jl '62.

COOKERY (POTATOES)
Magidov, IA. I. [New culinary products made with potatoes] Novye kulinarnye izdeliia iz kartofelia. Moskva, Gostorgizdat, 1961. 25 p.

COOKERY (SEMOLINA)
Semolina dishes. N. Morozov. Obshchestv. pit. no. 7: 32 Jl '62.

COOKERY (VEGETABLES)
Advice to the cook. IA. Magidov. Obshchestv. pit. no. 7: 28-31 Jl '62.

COOLING TOWERS—FIRES AND FIRE PREVENTION
What causes cooling tower fires? P. Rafa. Pozh. delo 8 no. 10:14 O '62.

COOPERATION
(see also subdivision under Irkutsk)
Bulatov, I. G. [Struggle of the Communist Party for the development of the cooperative movement in the U.S.S.R., 1921-1925] Bor'ba Kommunisticheskoi partii za razvitie kooperativnogo dvizhenila v SSSR, 1021-1925 gg. Penza, M-vo sel'. khoz. RSFSR, 1961. 361 p.
(MH)

COOPERATIVE EDUCATION see Education, Cooperative

COOPERATIVE HOUSING see Housing, Cooperative

COOPERATIVE SOCIETIES
(see also subdivision under Czechoslovakia, Uzbekistan)
Glikin, IA. S., and I. A. Duel', I. A. [Delivery of consumer goods by consumers' cooperatives] Postavka tovarov narodnogo potrebleniia potrebitel'skoi kooperatsii. Moskva, Izd-vo TSentrosoiuza, 1961 150 p.
(NNC)

COOPERATIVE SOCIETIES—AUDITING AND INSPECTION see subdivision under Kalinin Province

COPEPODA see subdivision under Atlantic Ocean, Greenland Sea; Norwegian Sea)

COPPER
Adsorption of carbon monoxide on copper and the structure of its surface compounds from infrared spectrum data. N. N. Kavtaradze, N. P. Sokolova. Dokl. AN SSSR 146 no. 6 1367-1369 O '62.
Determining the copper concentration in NaCl-Cu phosphors by spectrum analysis. A. S. Sambuev. Izv. vys. uch. zav.; fiz. 3:79-81 '62.

COPPER—ANALYSIS
Brass with a low-copper content. V. S. Lovchikov. Lit. proizv. no. 10:11-12 O '62.
Complexometric determination of copper, cobalt, and manganese. I. M. Iurist, P. G. Shalkova. Zav. lab 28 no. 10:1183-1184 '62.
Determination of copper in metallic indium by the square-wave polarography method. B. IA. Kaplan, I. A. Sorokovskaia, G. A. Smirnova. Zav. lab 28 no. 10.1188-1191 '62.

COPPER—ELECTRIC PROPERTIES
Metal resistance at high current density and short pulse durations. L. G. Dubitskii. Radiotekh. i elektron. 7 no. 10:1816-1823 O '62.

COPPER—ELECTROMETALLURGY
Balance of cell voltage and ways to economize electric power in the electrorefining of copper. A. I. Levin and others. Izv. vys. ucheb. zav., tsvet. met. 5 no. 5:62-71 '62.
Studying certain properties of copper cathodes deposited in presence of various surface active additives. N. N. Miuller, L. I. Sotnikova. TSvet. met. 35 no. 10, 29-33 O '62.

COPPER—METALLURGY
Technical progress in the conversion of copper mattes; review of foreign literature. V. D. Kuznetsov, V. I. Beregovskii. TSvet. met. 35 no. 10:88-93 O '62.

COPPER—SPECTRA
Effect of some solvents on the absorption spectra of bivalent copper. V. F. Sergeeva, S. V. Pifushcheva. Zhur. neorg. khim. 7 no. 10:2357-2360 O '62.

COPPER ALLOYS
Copper alloys for bimetals. S. I. Chizhov. Izv. vys. ucheb. zav.; tsvet. met. 5 no. 5:123-131 '62.

COPPER ALLOYS—BRITTLENESS
Hot shortness of copper alloys for the casting of fittings. I. I. Novikov, L. B. Kogan, A. E. Misiutin. Lit. proizv. no. 10:39-40 O '62.

COPPER-ALUMINUM ALLOYS
Effect of the purity of alloys on the nature of ordering in Cu-Al solid solutions. Part 1. V. E. Panin, V. P. Sadin, G. A. Bobyreva. Izv. vys. uch. zav., fiz. 3:151-159 '62

COPPER-ALUMINUM ALLOYS—METALLOGRAPHY
Kinetic theory of ordered Cu-Al solid solutions. V. P Fadin, V. E. Panin. Fiz. met. i metalloved 14 no. 4 517-522 O '62.

COPPER-ALUMINUM ALLOYS—THERMAL PROPERTIES
Temperature dependence of internal friction in Cu-Al solid solutions. L. A. Kudriavtseva, V. E. Panin. Izv. vys. uch. zav., fiz. 3 93-99 '62.

COPPER-BERYLLIUM ALLOYS—METALLOGRAPHY
Investigating β-phase transformations in the copper-beryllium system. M. I. Zakharova, D. M. Anteev. Fiz. met. i metalloved. 14 no. 4:559-563 O '62.

COPPER COMPOUNDS
Complex compounds in the system copper ion - nitrone - thiocyanate. Part 4. Preparation of complexes and study of extractibility of copper (II) complexes by dichloroethane. A. S. Babenko, V. N. Tolmachev. Ukr. khim. zhur. 28 no. 3:287-293 '62.
Iodide complexes of copper A. M. Golub, S. M. Zashchuk, L. I. Romanenko Ukr. khim. zhur 28 no. 5 561-564 '62

COPPER COMPOUNDS—SPECTRA
Complex formation in the system copper ion - nitrone - rhodanide. Part 6: Composition and absorption spectra of the nitrone - rhodanide complex of copper (II) in dichloroethane. A. S. Babenko, V. N. Tolmachev. Ukr. khim. zhur. 28 no. 6:659-663 '62.

COPPER IN THE BODY
Microelement copper. M. A. Rish. Priroda 51 no. 10 60-61 O '62.

COPPER MINES AND MINING
(see also subdivision under Dzhezkazgan District)
Several problems of mining rent. B. Novozhilov. Nar. khoz. Kazakh. 20 no. 6:76-84 Je '62.

COPPER ORES see subdivision under Kazakhstan, Krivoy Rog Basin

COPPER OXIDE
Reduction of molten cuprous oxide by solid carbon. V. V Kondakov, D. I. Ryzhonkov, I. A Tikhov. Izv. vys. ucheb. zav.; chern. met. 5 no. 9:26-30 '62.

COPPER OXIDE CRYSTALS—ELECTRIC PROPERTIES
Inversion layer on the surface of cuprous oxide. Ш. I. Karkhanin, G. P. Peka. Fiz. tver. tela 4 no. 4:1051-1060 Ap '62.

COPPER OXIDE CRYSTALS—SPECTRA
Absorption spectrum in the light-blue and blue spectral regions and deformation effects in thin samples of copper oxide. E. F. Gross, Chzhan Guan-fu [Chang Kuang-yin], L. E. Solov'ev. Dokl. AN SSSR 146 no. 3:577-580 S '62.
Oriented strain effect on the direct and indirect exciton spectrum of ground state excitons in Cu_2O crystals. E. F. Gross, A. A. Kaplianskii, V. T. Agekian. Fiz. tver. tela 4 no. 4:1009-1015 Ap '62.
Zeeman effect of indirect excitons in a cuprous oxide crystal. E. F. Cross, B. P. Zakharchenia, A. I. Shiller. Fiz. tver. tela 4 no. 4:1003-1008 Ap '62.

COPPER PLATING
Labutin, V. P. [New technological processes for the application of bright copper and nickel coatings] Novye tekhnologicheskie protsessy blestiashchikh mednykh i nikelevykh pokrytii. Leningrad, 1962. 30 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia: Zashchitnye pokrytiia, no. 3)

Marchenko, N. A., Z. S. Halber, and E. N. Kazatskaia [Applying copper coatings from an ammonia electrolyte] Nanesenie mednogo pokrytiia iz ammiachnogo elektrolita. Leningrad, 1961. 21 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia: Zashchitnye pokrytiia, no. 13)

COPPER SULFATE
Copper sulfate, an agent for the pathogenetic treatment of intestinal disorders in calves. L. N. Taroverdov, A. A. Taroverdova, N. A. Romaniuk. Trudy NIVI 1 226-231 '60.

COPPER SULFIDE
Investigating the process of dissolving the lower sulfide of copper in cyanide solutions. I. A. Kakovskii, Iu. M. Potashnikov. Izv. AN SSSR. Otd. tekh. nauk. Met. i topl. no. 5:81-91 S-O '62.

CORALS, FOSSIL
Plasmopora genus. O. B. Bondarenko. Biul. MOIP. Otd. geol. 37 no. 3:132-133 My-Je '62.

CORDAITALES see subdivision under Lower Tunguska Valley

CORE DRILLING

Classification of rocks and minerals based on the efforts needed in core extraction from them. B. I. Vozdvizhenskii, V. V. Bol'shakov. Izv. vys. uch. zav., geol. i razv. 5 no. 7:115-118 Jl '62.

Technical and economic indices of air drilling. A. I. Kim. Razved. i okh. nedr 28 no. 6 51-52 Je '62

COREIDAE see subdivision under Turkmenistan

COREMAKING

Automatic process for the manufacture of sand cores for radiators. E. M. Notkin, G. E. Kut, N. M. Aronshtein. Sbor. trud NIIST no. 10 5-40 '62

Mixtures for foundry cores produced by the sand slinging method E. M. Notkin, I. A. Vilenskaia Sbor. trud NIIST no. 10 41-70 '62.

CORES (ELECTRICITY)

Alpatov, N.I. [Ferrites in electronic circuits] Ferrity v elektronnykh skhemakh. Moskva, Voenizdat, 1962. 109 p.

Internal magnetic susceptibility tensor of a magneto-anisotropic ferromagnetic ellipsoid. Iu. M. IAkovlev. Izv. LETI 59 no. 46, 179-183 '62.

CORN (MAIZE)

(see also subdivision under Armenia; Dnepropetrovsk Province; Ivano-Frankovsk Province, Moscow Province, Mstislavl' District, Sakhalin, Ukraine, Uzbekistan; White Russia)

Application of a biological test in studying the effect of gibberellins on the corn coleoptile [with summary in English]. S. Stan, N. Stenescu. Fiziol. rast. 9 no. 5, 575-581 '62.

Change in the nitrogen and free amino acid content of corn plants at different pH of the medium. S. S. Andreenko, N. D. Alekhina. Nauch. dokl. vys. shkoly, biol. nauki no. 4, 129-136 '62.

Effect of preplanting stimulation on some physiological processes and the yield of corn [with summary in English]. P. K. Korneev. Fiziol. rast. 9 no. 5 620-625 '62.

Gostev, V.S. [Petr Sapunov, master of getting high corn yields] Master vysokikh urozhaev kukuruzy Petr Sapunov. Moskva, Izd-vo M-va sel' khoz. RSFSR, 1961. 15 p. (Trudovye podvigi molodykh mekhanizatorov)
(DNAL)

Method for studying the corn root system. N. N. Kuleshov, L. A. Marchenko. Fiziol. rast. 9 no. 5 631-634 '62

[The most valuable achievements of efficient corn growers] Samoe tsennoe v opyte peredovykh kukuruzovodov. [Moskva] Mosk. rabochii, 1961. 47 p. (Bibliotechka kukuruzovoda-mekhanizatora)
(DNAL)

CORN (MAIZE)—ANALYSIS see subdivision under Moscow Province

CORN (MAIZE)—DISEASE AND PEST RESISTANCE

Effect of structural characteristics of the plant on the vulnerability of corn by smut. N. I. Sazunskaia. Agrobiologiia no. 3:401-406 My-Je '62.

CORN (MAIZE)—DRYING

Temperature conditions for drying the seed corn on the cob. V. Ukolov. Muk.-elev. prom. 28 no. 9 3-5 S '62

CORN (MAIZE)—FERTILIZERS AND MANURES see subdivision under Kazakhstan

CORN (MAIZE)—HARVESTING see subdivision under Ukraine

CORN (MAIZE)—STORAGE

Preserve fully the procured corn. Muk.-elev. prom. 28 no. 9:1-2 S '62.

CORN (MAIZE)—VARIETIES

Developing and introducing in the production new corn hybrids and varieties. A. S. Mustiko, P. F. Kliuchko. Agrobiologiia no. 3:335-344 My-Je '62.

Vsesoiuznoe soveshchanie po proizvodstvu gibridnykh semian kukuruzy, Odessa, 1957. [All-Union Conference on the Production of Hybrid Corn Seeds in Odessa, January 31st-February 2d, 1957] Vsesoiuznoe soveshchanie po proizvodstvu gibridnykh semian kukuruzy g. Odessa, 31 ianvaria - 2 fevralia 1957 goda. Moskva, Izd-vo M-va sel'. khoz. SSR, [1957] 338 p.
(InAS)

CORN AS FEED

Food rations for laying hens with a maximum content of corn. L. P. Radchenko. Visnyk sil'hosp. nauky 5 no. 9:110-112 S '62.

Toxic dystonia from fodder in cattle. S. I. Smirnov. Visnyk sil'hosp. nauky 5 no. 9:82-85 S '62.

CORN BREEDING

(see also subdivision under Kazakhstan; Ossetia, North; Tatar A. S. S. R.)

Formation and photosynthetic activity of the assimilating surface of inbred and hybrid corn. I. F. Dorovskaia. Fiziol. rast. 9 no. 5:635-638 '62.

CORN PRODUCTS

Use of corn in the confectionery industry. Zh. D. Khuzhokov. Khleb. i kond. prom. 6 no. 10:17-19 O '62.

CORNEA

Change in the mitotic activity in injured rat corneal epithelium during medication sleep [with summary in English]. L. V. Sokolova. Biul. eksp. biol. i med. 53 no. 6 77-80 Je '62.

CORONARY HEART DISEASE

Clinical testing of chloracizine in coronary disease [with summary in English]. R. S. Ivanov. Uch. zap. Inst. farm. i khimiotek. AMN SSSR 2 252-264 '60.

Hypertension and coronary atherosclerosis among workers of the Ural Machinery Plant [with summary in English]. S. S. Barats, Z. M. Mel'nikova. Sov. med. 26 no. 8:13-18 Ag '62.

Treatment of coronary insufficiency. P. I. Egorov, F. D. Ostapiuk. Vest. AMN SSSR 17 no. 7 34-40 '62.

Use of chloracizine in chronic coronary insufficiency [with summary in English]. S. S. Milovidova. Uch. zap. Inst. farm. i khimiotek. AMN SSSR 2:283-287 '60.

Vasomotor activity of the coronary vessels of the heart in man and dogs in disorders of the coronary circulation [with summary in English]. Iu. S. Chechulin. Uch. zap. Inst. farm. i khimiotek. AMN SSSR 2:165-186 '60.

CORONARY VESSELS

Effect of analgesic and neuroplegic substances on the coronary chemoreflex [with summary in English]. I. N. Pidevich. Uch. zap. Inst. farm. i khimiotek. AMN SSSR 2, 121-132 '60.

Effect of analgesic substances on cardiac blood supply [with summary in English]. N. V. Kaverina. Uch. zap. Inst. farm. i khimiotek. AMN SSSR 2, 93-104 '60.

Effect of some pharmacological preparations used for the treatment of stenocardia on coronary circulation [with summary in English]. I. E. Kisin. Uch. zap. Inst. farm. i khimiotek. AMN SSSR 2, 48-62 '60

Methods for studying coronary circulation [with summary in English]. N. V. Kaverina, I. F. Kisin. Uch. zap. Inst. farm. i khimiotek. AMN SSSR 2:27-47 '60.

Some aspects of the problem of the pharmacology of coronary circulation [with summary in English]. V. V. Zakusov, N. V. Kaverina. Uch. zap. Inst. farm. i khimiotek. AMN SSSR no. 2:7-26 '60.

Vasomotor activity of the coronary vessels of the heart in man and dogs in disorders of the coronary circulation [with summary in English]. Iu. S. Chechulin. Uch. zap. Inst. farm. i khimiotek. AMN SSSR 2:165-186 '60.

CORRELATION (STATISTICS)

Use of an oscilloscope in a method for determining the correlation function of a random stationary process. G. P. Gorentsvit, S. A. Ponyrko. Izv. LETI 57 no. 39: 307-312 '59.

CORRESPONDENCE SCHOOLS AND COURSES
(see also subdivision under Nizhniy Tagil)

For those who work and study. Vest. vys. shkoly 20 no. 10 60-67 O '62

Russia (1923- U.S.S.R.) Upravlenie prepodavaniia obshchestvennykh nauk. [Sample topics for tests and term papers on dialectical and historical materialism; for higher correspondence schools and correspondence departments of institutions of higher learning] Primernaia tematika kontrol'nykh i kursovykh rabot po dialekticheskomu i istoricheskomu materializmu, dlia vechernykh vysshikh uchebnykh zavedenii i zaochnykh otdelenii vuzov. Moskva, Gospolitizdat, 1962. 87 p.

CORROSION RESISTANT MATERIALS

Labutin, A. L., and N. S. Fedorova. [Anticorrosive and sealing thiokol compounds] Antikorrozionnye i germetiziruiushchie tiokolovye sostavy. Leningrad, 1962. 21 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Serila: Sinteticheskie materialy, no. 4)

CORTICOSTEROIDS

Effect of corticosteroids on antimicrobial protective factors of the body in an infectious inflammatory focus [with summary in English]. V. N. Solov'ev, G. A. Koniaev. Zhur. mikrobiol., epid. i immun. 33 no. 4:77-83 Ap '62.

CORTISONE

Effect of the adrenocorticotropic hormone (ACTH) and cortisone on the secretory and motor function of the stomach. A. D. Kachanov. Trudy Len. khim.-farm. inst. no. 13:233-244 '61.

Effect of the adrenocorticotropic hormone (ACTH), cortisone, and butadione on the course of experimental dystrophy of the stomach. A. D. Kachanov. Trudy Len. khim.-farm. inst. no. 13:229-232 '61.

Interrelation of the production of antibodies and γ globulins under normal conditions and under the influence of cortisone in rabbits exposed to successive immunization [with summary in English]. L. T. Pliss. Zhur. mikrobiol., epid. i immun. 33 no. 8:118-124 Ag '62.

Preliminary data on the effect of cortisone on leptospirosis in white mice [with summary in English]. B. V. Vysotskii, F. S. Malykh. Zhur. mikrobiol., epid. i immun. 33 no. 8:46-48 Ag '62.

COSMIC PHYSICS

Annotations of articles on geomagnetism and aeronomy published in "Izvestiia vysshikh uchebnykh zavedenii. Radiofizika, 1962, 5, no. 2." Geomag. i aer. 2 no. 5: 1022 S-O '62.

Studies on geomagnetism and aeronomy conducted in the Institute of Earth Physics of the Academy of Sciences of the Georgian S. S. R. in 1961. V. V. Kebuladze, N. A. Katsiashvili, V. K. Koiava. Geomag. i aer. 2 no. 5 1015-1017 S-O '62

COSMIC PHYSICS—RESEARCH

Within two steps from the stars. A. Golovanov. IUn. tekh. 7 no. 10 49-55 O '62.

COSMIC RADIATIONS, RADIO-FREQUENCY

Diffraction of radio emission with a continuous spectrum on inhomogeneities of a plane layer [with summary in English]. Iu. A. Ryzhov. Izv. vys. ucheb. zav., radiofiz. 5 no. 5:916-922 '62

COSMIC RAYS

Breath of space. Irina Radunskaia. Smena 39 no. 20 18-19 O '62.

Energy of μ-mesons in μ meson beams of cosmic rays [with summary in English]. Iu. N. Vavilov. Zhur. eksp. i teor. fiz. 43 no. 3:1009-1011 '62

Science on the march. Oleg Pisarzhevskii. Nauka i zhizn' 29 no. 6:2-4 Je '62.

Through space into the microworld. G. B. Zhdanov. Nauka i zhizn' 29 no. 9:54-60 S '62.

Transverse polarization of μ-mesons in cosmic rays [with summary in English]. V. S. Berezinskii. Zhur. eksp. i teor. fiz. 43 no. 3:927-931 '62

Using a neutron detector. R. Z. Denikaev and others. Geomag. i aer. 2 no. 5 1010-1011 S-O '62

Voices of remote worlds. V. Ginzburg. Av. i kosm. 15 no. 9 86-89 '62

COSMIC RAYS—SPECTRA

Methods for measuring spatial variations in the cosmic radiation spectrum [with summary in English]. G. G. Getmantsev, V. A. Razin. Izv. vys. ucheb. zav., radiofiz. 5 no. 5:866-872 '62.

COSMOGONY

Perel', IU. G. [Development of our concepts about the universe] Razvitie predstavlenii o vselennoi. Izd 2. Pod red. B. V. Kukarkina. Moskva, Fizmatgiz, 1962. 391 p.
[MICROFILM]

Semiclosed worlds in the general theory of relativity [with summary in English]. IA. B. Zel'dovich. Zhur. eksp. i teor. fiz. 43 no. 3:1037-1043 '62.

COSMOGRAPHY

Secrets of outer space. O. D. Dakuchaeva. Rab. i sial. 38 no. 10 18-19 O '62

COSSACKS

Gubarev, G. V. [Book about Cossacks; materials on the history of the Cossacks in ancient times] Kniga o kazakakh; materialy po istorii kazach'ei drevnosti. Paris, Izd-vo red. gazety "Kazak," 1959-
Pt. 6.
(NNC)

COST ACCOUNTING

Daily operational control over the cost of production. N. Ostapenko and others. Bukhg. uchet 19 no. 6: 30-44 Je '62

COST AND STANDARD OF LIVING
(see also subdivision under United States)

Chukhno, A. A. [Distribution of material and cultural goods during the large-scale building of communism] Rozpodil material'nykh i kul'turnykh blah v period rozhornutoho budivnytstva komunizmu. [Kyiv] Vyd-vo Kyivs'koho univ., 1962. 266 p.

From the socialist to the communist distribution of material and cultural goods. V. Dokunin. Sots. trud 7 no. 8:22-31 Ag '62.

Ozeran, L. G. [Growth of the prosperity of Soviet workers; lecture on the course "Statistics" delivered for the students of the Correspondence Higher Party School attached to the Central Committee of the CPSU] Rost blagosostoianiia trudiashchikhsia SSSR; lektsiia po kursa "Statistika," prochitannaia slushateliam ZVPSh pri TsK KPSS. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1962. 62 p.

Several methodological problems in comparing and planning workers' living standards. V. Raitsin. Biul. nauch. inform.: trud i zar. plata 5 no. 9:30-35 '62.

COSTS, INDUSTRIAL

Accounting for expenditures on the development of new machinery. N. Ivanov. Bukhg. uchet 19 no. 9:16-20 S '62.

Important changes in the planning of production costs. I. Guzhkov. Fin. SSSR 23 no. 10:29-33 O '62.

Ivanov, N. N. [Accounting for production expenditures and the calculation of production costs] Uchet zatrat na proizvodstvo i kal'kulirovanie sebestoimosti produktsii. Moskva, Gosfinizdat, 1961. 94 p. (Biblioteka bukhgaltera)
(MII)

Nature of the dependence of production costs on volume. G. Kuznetsov. Vest. stat. no. 10:18-30 '62.

Potential means of lowering production costs. N. Volkov. Agitator no. 22:41-43 N '62.

COTTON

Embryological study of the process of fertilization in cotton using various pollination methods. F. A. Saakian. Izv. AN Arm SSR biol nauki 15 no 7 59-65 '62

Use of the carding spinning method for manufacturing yarn from a mixture of Egyptian "Menouffich" cotton and viscose spun rayon. I. M. Bekeneva. Nauch.-issl. trud. IvNITI 25 15-29 '61.

COTTON—DISEASES AND PESTS

Some physiological characteristics of a fungus causing alternaria spot of cotton. N. A. Burutina, E. A. Chinnov. Nauch. dokl. vys. shkoly, biol. nauki no 4 103-106 '62

COTTON—VARIETIES see subdivision under Armenia

COTTON FABRICS

Use of sodium chlorite for the bleaching of cotton fabrics. M. G. Shcherbakova, L. P. Gotovtseva, L. A. Rybkina. Nauch.-issl. trud. IvNITI 25 124-141 '61.

COTTON GROWING
(see also subdivision under Fergana, Kazakhstan, Kirghizistan, Uzbekistan)

History of the socialist reorganization of cotton growing in the U.S.S.R. V. G. Zhelezovskaia. Ist. SSSR 6 no. 1 87-100 Ja-Ag '62

COTTON MACHINERY

Machine for cotton processing directly from the bale. P. I. Artamov, V. G. Shchipitsyna, F. D. Kachaev. Nauch.-issl. trudy IvNITI 25 3-14 '61

COTTON MANUFACTURE

Preparation of mixed twisted cotton yarn for weaving without sizing. V. M. Tiugin. Izv. vys. ucheb. zav., tekh. tekst. prom. no. 4 69-72 '62

COTTON MANUFACTURE—COSTS

Technological bases for determining yarn production costs in cotton spinning. L. I. Zamalhovskii. Izv. vys. ucheb. zav., tekh. tekst. prom. no. 4 3-11 '62

COTTON WILT

Transformation of phenols in wilt-infected cotton plants [with summary in English]. G. IA. Gubanov. Fiziol. rast. 9 no. 5 614-619 '62

COURTS

More attention to the office work of Soviet courts. A. Solov'ev. Sov. iust. no. 20 11-12 O '62.

COVETOUSNESS see Avarice

COWS—DISEASES AND PESTS

Prevention of functional disorders of some of the physiological systems in cows with a high milk yield. G. A. Ovchedkov. Trudy NIVI 1 219-225 '60

COWS—FEEDING AND FEEDS

Effect of phosphorous supplements on milk productivity in cows. P. M. Kondratenko. Visnyk sil'hosp. nauky 5 no. 9 71-76 S '62.

COXSACKIE VIRUS

Coxsackie and ECHO virus infections in children. Sov. med. 26 no. 8, 3-8 Ag '62.

CRACKING PROCESS

Preparation of higher normal α-olefins by the high-speed cracking of paraffin petroleum products. K. P. Lavrovskii and others. Neftekhimiia 2 no. 4 487-494 Jl-Ag '62

CRANE FLIES see subdivision under Amur Valley, Zeya Valley

CRANES, DERRICKS, ETC.

Assembly of equipment using a simplified assembly bridge crane. V. L. Svitko, D. B. Shevchik. Mont. i spets. rab. v stroi. 24 no. 10 19-20 O '62.

Cranes are being improved. L. Smelianskii. Mor. flot. 22 no. 10, 11 O '62.

Efficiency of the performance of grab cranes in the formation of sugar beet surface silos. F. F. Lozinskii. Sakh. prom. 36 no. 10 37-38 O '62

Frantishev, I. M. [Crane builders of Leningrad; the past and present of the Kirov hoisting and conveying equipment plant in Leningrad, 1853-1961] Leningradskie kranostroiteli, o proshlom i nastoiashchem leningradskogo zavoda pod"emno-transportnogo oborudovaniia imeni S. M. Kirova, 1853-1961. [Leningrad] Lenizdat, 1962. 350 p.

Komarov, M. S. [Dynamics of load-lifting machines] Dinamika gruzopod"emnykh mashin. Izd. 2, perer. i dop. Moskva, Mashgiz, 1962. 264 p.

Lang, A. G., I. S. Mazovet, and V. S. Maizel'. [Gantry cranes; design and construction] Portal'nye krany, raschet i konstruirovanie. Izd. 2., perer. i dop. Moskva, Mashgiz, 1962. 283 p.

Pankratov, S. A. [Fundamentals of the design of main units of excavators and cranes] Konstruktsiia i osnovy rascheta glavnykh uzlov ekskavatorov i kranov. Moskva, Mashgiz, 1962. 539 p.

Proshin, A. S. [Special cranes for the assembly of thermal electric power plants] Spetsial'nye krany dlia montazha teplovykh elektrostantsii. Moskva, Gosenergoizdat, 1962. 239 p.

Russia (1923- U.S.S.R.) Komitet po nadzoru za bezopasnym vedeniem rabot v promyshlennosti i gornomu nadzoru. [Regulations for the installation and safe operation of cranes, mandatory for all ministries and departments] Pravila ustroistva i bezopasnoi eksploatatsii gruzopod"emnykh kranov, obiazatel'ny dlia vsekh ministerstv i vedomstv. V nastoiashchee izdanie Pravil vneseny izmeneniia i dopolneniia, priniatye Gosgortekhnadzorom RSFSR. Moskva, Gosgortekhizdat, 1961. 83 p.

Standardized railway cranes. N. V. Vydrin, Iu. F. Pashin, V. D. Sergeev. Stroi. i dor. mash. 7 no. 9 1-4 S '62

Ways to improve the assembly qualities of tower cranes with a hoisting boom. L. A. Nevzorov, I. B. Svechchinskii. Stroi. i dor. mash. 7 no. 9 8-10 S '62.

CRANES, DERRICKS, ETC.—MAINTENANCE AND REPAIR

Improve the maintenance of cranes. O. Karakulko. Rech. transp. 21 no. 10 51 O '62.

CRANIAL SUTURES

Cranial sutures in cats and macaques under normal conditions and their changes under experimental conditions. B. A. Nikitiuk. Biul. MOIP. Otd. biol. 67 no. 5 153 S-O '62.

CRANKS AND CRANKSHAFTS

Crank shaft adjustment by the position of crank arms for various crank angles. A. E. Bedikian. Sudostroenie 28 no. 9 10-13 S '62

CREAM SEPARATORS—ELECTRIC DRIVING

Choice of electric motors for driving milk centrifuges. V. N. Andrianov, Iu. A. Semeniak. Vest. elektroprom. 33 no. 9, 29-33 S '62.

CREAM SEPARATORS—TESTING

Experimental study of the distribution of the fat fraction in the milk separator drum. N. N. Lipatov. Izv. vys. ucheb. zav., pishch. tekh. no. 5 127 '62.

CREATINE

Effect of vitamin C deficiency on creatine and creatinine excretion with urine. S. G. Grebenkov. Vop. pit. 21 no. 3 80-81 My-Je '62.

CREATININE

Study of glomerular filtration in children by means of sodium thiosulfate and endogenous creatinine [with summary in English]. M. P. Matveev and others. Pediatriia no. 8 31-36 '62.

CREATION (LITERARY, ARTISTIC, ETC.)

Papernyi, Z. S. [The artistic image] O khudozhestvennom obraze. Moskva, Gos. izd-vo polit. lit-ry, 1961. 70 p. (Popularnaia biblioteka po estetike) (NJP)

CREEP OF ALUMINUM

Effect of mosaic structure in cast single crystals of aluminum of their creep. D. E. Ovsienko, E. I. Sosnina. Fiz. met. i metalloved. 14 no. 4 578-581 O '62.

CREEP OF COPPER

Creep of copper and copper-nickel alloys under torsion. L. N. Bystrov, L. I. Ivanov, D. A. Prokoshkin. Izv. AN SSSR. Otd. tekh. nauk. Met. i topl. no. 5 197-209 S-O '62.

CREEP OF MATERIALS

Creep of a cylindrical shell in the end-effect zone [with summary in English]. I. V. Stasenko. Prykl. mekh. 8 no. 6 665-670 '62.

CREEP OF METALS

Creep of tungsten carbide-cobalt ceramic metal hard alloys. G. S. Kreimer, N. A. Alekseeva, A. I. Barunov. Izv. AN SSSR. Otd. tekh. nauk. Met. i topl. no. 5 163-166 S-O '62.

Creep rate of the $MnNi_3$ compound as dependent on the equilibrium state. I. I. Kornilov, N. M. Matveeva. Dokl. AN SSSR 146 no. 3 642-643 S '62.

Failure of heat-resistant alloys under the effect of creep. P. T. Kolomytsev. Izv. AN SSSR. Otd. tekh. nauk. Met. i topl. no. 5 128-134 S-O '62.

Investigating deformations and failure EI437B alloys during creep. Iu. F. Balandin, Z. I. Kusnitsyna. Fiz. met. i metalloved. 14 no. 4 618-624 O '62.

CREOLIN

Methods for preparing hexachloran-creolin emulsions for sheep-dips against scab. V. A. Chaldyr'. Vest. sel'khoz. nauki [Kazakh.] 5 no. 8 62-64 Jl '62.

CRESOL

Sterically hindered phenols. Report No. 6. Bromination of 2, 6-dialkyl-p-cresols and 3, 5-dialkyl-4-hydroxybenzyl bromides. V. V. Ershov and others. Izv. AN SSSR. Otd. khim. nauk no. 10 1839-1843 O '62

CRIME AND CRIMINALS

He who does not work shall not eat. Sov. iust. no. 20 1-2 O '62.

Riabov, G. T., and A. I. Khodanov. [Investigation has determined...] Doznaniem ustanovleno.... Moskva, Gosiurizdat, 1962. 45 p. (Zapiski sledovatelia)

Shetnin, L. R. [Notes of an investigator] Zapiski sledovatelia. Moskva, Gosiurizdat, 1962. 568 p. illus. (MII)

Studying the conditions which contribute to the perpetration of criminal offenses in certain industrial enterprises. V. Statiuta. Sots. zakon. 32 no. 11 68-70 N '62.

This law should be amended. P. Timofeev. Sots. zak. 32 no. 11 67 N '62

CRIME PREVENTION
(see also subdivision under Kemerovo Province, Kiev; Moscow; Uzbekistan, White Russia)

A powerful factor in education. Pozh. delo no. 21 2-3 N '62.

We need such court inspection. I. Popov. Sov. iust. no. 20 25 O '62.

You cannot force to retire a warm friend. O. Ivanova. Sov. iust. no. 20 24-25 O '62.

CRIMEA—AGRICULTURAL WAGES

Aiding state farms apply the new wage regulations. T. Mil'chin. Sots. trud 7 no. 8, 114-118 Ag '62.

CRIMEA—AMMONOIDEA

Ammonites of the Lower Cretaceous in the Crimea and Northern Caucasus. V. V. Drushchits. Biul. MOIP. Otd. geol. 37 no. 3 128 My-Je '62.

CRIMEA—ARBORETUMS

Bogolubova, V. D. [State Nikita Botanical Garden, a guide through the arboretum] Gosudarstvennyi Nikitskii botanicheskii sad, putevoditel' po dendrologicheskomu parku. Moskva, Sel'khozizdat, 1962. 101 p.

CRIMEA—CITIES AND TOWNS, RUINED, EXCAVATIONS, ETC.

Medieval rural settlements of the southwestern Crimea. A. L. Iakobson. Viz. vrem. 21 165-177 '62

CRIMEA—CLIMATOLOGY, MEDICAL

Late results of the climatotherapy of children with diseases of the kidneys at the Rosa Luxemburg Sanatorium on the southern coast of the Crimea. [Author's synopsis] A. P. Belova. Pediatriia no. 8 36-40 '62.

CRIMEA—DWELLINGS

Progressive organization of housing construction. V. Litovskyi, I. Mitchovskaia. Stil'. biul. 12 no. 3 6-8 O '62.

CRIMEA—FUNGI

Fungi on Santolina chamaecyparissus L. found in the Crimea. S. A. Gutnevich. Bot. mat. Otd. spor. rast. 15 93-97 Ja '62.

CRIMEA—HEALTH RESORTS, WATERING PLACES, ETC.

Basic principles and methods of the health resort therapy of cardiovascular diseases on the southern shore of the Crimea. S. R. Tatevosov. Sov. med. 25 no. 11 21-26 Ag '62.

Recovery at the sea. S. Makarov. Nauka i zhizn'. 29 no. 11 25-27 N '62.

CRIMEA—HORSEFLIES

Horseflies (Diptera, Tabanidae) of the Crimea [with summary in English]. N. G. Olsufev, T. G. Mel'nitskaia. Ent. obozr. 41 no. 4 576-578 '62.

CRIMEA—PETROLOGY

Logvinenko, N. V., G. V. Karpova, and D. P. Shapovalov. [Lithology and genesis of the Taurian formation in the Crimea] Litologiia i genezis tavricheskoi formatsii Kryma. Pod red. N. V. Logvinenko i I. N. Remizova. Khar'kov, Izd-vo Khar'kovskogo univ., 1961. 400 p.

CRIMEA—ROADSIDE IMPROVEMENT

Green roadsides for highways in Crimea. A. Gurov. Avt. dor. 25 no. 10-12 and 19 O '62

CRIMEA—SPHAEROPSIDALES

New species of fungi found on Crimea. I. G. Terlevich. Bot. mat. Otd. spor. rast. 15 153-155 Ja '62.

CRIMEA—WATER RESOURCES DEVELOPMENT

Steppe is thirsty. N. Bylov, B. Kuz'min. Ogonek 40 no. 23 6-7 Je '62.

CRIMEA—WORLD WAR, 1939-1945—UNDERGROUND MOVEMENTS

Kozlov, I. A. [In the Crimean underground] V krymskom podpol'e. Moskva, Sovetskii pisatel', 1962. 367 p. (IEN)

CRIMEAN MOUNTAINS—PLANT COMMUNITIES

Rhythm of seasonal development in plants and plant communities of the southern slope of the Crimean Mountains [with summary in English]. N. B. Golitsyna. Biul. MOIP. Otd. biol. 67 no. 5 90-101 S-O '62.

CRIMINAL INVESTIGATION
(see also subdivision under Sumy Province)

B. Petelin, a military investigator. B. Plekhanov. Sots. zakon. 32 no. 11 72-74 N '62

A coordinating committee for studying the problems of criminal investigation. M. B. Sots. zakon. 32 no. 11 74 N '62.

CRIMINAL INVESTIGATION (Continued)

More attention to the supervision of preliminary investigation. M. Larkin Sots. zakon. 39 no. 8. 27-30 Ag '62.

Organization of criminal investigation. I. Kaganovich Sots. zakon. 39 no. 8 21-26 Ag '62.

Participation of defense counsels in pretrial investigation. I. Shein. Sov. just. no. 20 8-10 O '62.

"Procedural records and documents of criminal investigation" by S. IA. Rozenblit. Reviewed by V. Baslov. Sots. zakon. 39 no. 8 92-94 Ag '62.

"Procedure in charging a person with a criminal offense" by L. Karneeva. Reviewed by I. Galkin. Sots. zakon. 39 no. 11 94-95 N '62.

Soviet public helpers in our work. V. Murzin. Sots. zakon. 39 no. 8. 61-62 Ag '62.

There are no "problems of little importance" in the work of criminal investigators. M. Nasybullin. Sots. zakon. 39 no. 8. 65-67 Ag '62.

CRIMINAL JUSTICE, ADMINISTRATION OF
(see also subdivision under Georgia, Uzbekistan; White Russia)

In the Office of the Public Prosecutor of the U. S. S. R. Sots. zakon. 39 no. 8. 50-54 Ag '62.

CRIMINAL LAW

Rulings of the Judicial Collegium for Criminal Cases of the Supreme Court of the U. S. S. R. Biul. Verkh. Suda no. 5. 34-39 '62.

CRIMINAL PROCEDURE
(see also subdivision under Czechoslovakia; Hungary)

Reviewing the examination of civil complaints presented in the course of criminal proceedings. A. Grun. Biul. Verkh. Suda no. 5 10-13 '62.

CRIMINAL PROCEDURE—TERMINOLOGY

The language of criminal procedure papers. V. Stremovskii. Sots. zakon. 39 no. 11 11-13 N '62.

CRINOIDEA, FOSSIL see subdivision under Moscow region

CROATIA—WORLD WAR, 1939-1945

Croatian rural regions in the early phase of the Second World War. N. S. Ivanovich. Nov. i noveish. ist. no. 4. 176-179 '62.

CROP YIELDS see subdivision under Central Black Earth region

CROPS AND CLIMATE
(see also subdivision under Kirghizistan)

Using natural conditions to produce fresh agricultural products the year around. F. F. Davitaia. Izv. AN SSSR, Ser. geog. no. 5 61-70 S-O '62.

CROPS AND SOILS

Effect of monocultural crops on soil fertility [with summary in English]. I. G. Zakharchenko, G. S. Pirozhenko, S. V. Sukhobrus. Pochvovedenie no. 8. 10-18 Jl '62.

Effect of soil properties and fertilizers on the changes in the quality of potatoes. G. G. Vendilo. Nauch. dokl. vys. shkoly, biol. nauki no. 4. 147-150 '62.

CROTONIC ACID

Synthesis of methyl esters of α-nitrocrotonic acid. I. S. Ivanova, IU. V. Konnova, S. S. Novikov. Izv. AN SSSR, Otd. khim. nauk no. 9. 1677-1679 S '62.

CRUSADES

Crusades in the Russian historiography of the first half of the 19th century. M. A. Zaborov. Viz. vrem. 21 183-197 '62.

The Deabolis Treaty of 1108 between Alexius Comnenus and Bohemund. IA. N. Liubarskii, M. M. Freidenberg. Viz. vrem. 21 260-274 '62.

CRUSHED STONE INDUSTRY
(see also subdivision under Czechoslovakia)

Progressive stone crushing plants. A. S. Artemenkov. Put' i put. khoz. 6 no. 9. 13 '62.

CRUSHING MACHINERY

Crushing moist clayey iron ores, from foreign literature. L. N. Voronin. Gor. zhur. no. 10 68-70 O '62.

CRUSHING MACHINERY—WELDING

Electric slag welding of jaw crusher frames. M. G. Kozulin, A. P. Sidishev. Avtom. svar. 15 no. 11 59-65 N '62.

CRYOLITE—THERMAL PROPERTIES

Thermodynamic properties of melts in the system AlF_3-NaF. B. F. Ilkin, V. P. Mashovets. Izv. vys. ucheb. zav., tsvet. met. 5 no. 5. 51-61 '62.

CRYSTAL LATTICES

Calculating the parameters of the experimental spectrum of resonance absorption of gama-quanta in crystals [with summary in English]. G. A. Bykov, Fam Zui khion. Zhur. eksp. i teor. fiz. 43 no. 3. 908-918 '62.

Effect of crystallization on the penetration of impurities into quartz lattices [with summary in English]. L. E. Kamentsev. Vest. LGU 17 no. 16. 109-112 '62.

Influence of annealing on the spatial distribution of radiation defects in silicon. B. IA. Iurkov. Fiz. tver. tela 4 no. 4. 851-854 Ap '62.

Instability of the drift of carriers in solids and coherent phonon radiation. A. A. Vedenov, E. P. Velikhov. Zhur. eksp. i teor. fiz. 43 no. 3. 1110-1112 '62.

Kinetic theory of ordered Cu-Al solid solutions. V. P. Padin, V. L. Panin. Fiz. met. i metalloved. 14 no. 4. 517-522 O '62.

Kinetics of dislocations with jogs in a simple cubic lattice. V. N. Orlov. Fiz. tver. tela 4 no. 4. 866-870 Ap '62.

Oscillations of a plane hexagonal lattice with allowance for non-point interaction. Part 1. Vertical oscillations. V. M. Rubtsov. Izv. vys. ucheb. zav., fiz. 4. 31-32 '62.

Resonance and nonresonance radiation from centers in the GaP crystal and their interaction with lattice phonons. E. F. Gross, D. S. Nedzvetskii. Dokl. AN SSSR 146 no. 5. 1047-1050 O '62.

Statistical theory of nonequilibrium processes in the system of electrons interacting with lattice vibrations. III. L. Klimontovich. Fiz. met. i metalloved. 14 no. 4. 512-516 O '62.

Structure of the electron energy spectrum in crystals with a NaCl type lattice. V. A. Chaldyshev, S. D. Pavlov. Izv. vys. ucheb. zav., fiz. 3. 35-38 '62.

Theory of the electron energy spectrum of metals with a bismuth type lattice [with summary in English]. A. A. Abrikosov, I. A. Fal'kovskii. Zhur. eksp. i teor. fiz. 43 no. 3. 1089-1101 '62.

CRYSTAL LATTICES—DEFECTS

X-ray analysis of the kinetics of removing distortions in the crystal lattice of plastically deformed metals. G. A. Shirenko, V. I. Khotkevich. Fiz. met. i metalloved. 14 no. 4. 542-547 O '62.

CRYSTAL OPTICS

Improved method for observing the structure of crystal reflection spectra. Chekan Guan-in'. Fiz. tver. tela 4 no. 4. 880-881 Ap '62.

CRYSTALLINE LENS

Increasing the accuracy of the reverse turn of the inverted crystalline lens by marking it. V. V. Popov, K. M. Velikanova. Nauch. dokl. vys. shkoly, biol. nauki no. 4. 50-51 '62.

CRYSTALLIZATION

Approximate analysis of the kinetics of crystallization during the continuous cooling of melts in foundry molds. G. F. Balandin. Fiz. met. i metalloved. 14 no. 4. 595-601 O '62.

Decrystallization of metamict pyrochlore under natural conditions. B. V. Chesnokov, S. P. Eremeev. Dokl. AN SSSR 146 no. 3. 683-685 S '62.

Evaluating the quality of massecuite crystallization. L. A. Belokoni', V. D. Popov. Sakh. prom. 36 no. 10. 27-29 O '62.

Rate of crystallization of sugar in case of its low quality. Chen'-I-sian' (Chen I-hsien). Sakh. prom. 36 no. 10. 21-25 O '62.

Recrystallization and grain growth in iron-aluminum-molybdenum alloys. N. G. Lakhman, B. G. Livshits. Izv. vys. ucheb. zav., chern. met. 5 no. 9. 155-159 '62.

Recrystallization and mechanical properties of alloys in the system tungsten - molybdenum - rhenium. M. A. Tylkina, K. B. Povarova, E. M. Savitskii. Izv. AN SSSR. Otd. tekh. nauk. Met. i topl. no. 5. 181-186 S-O '62.

Statistical thermodynamics of simultaneous crystallization processes in some heterogeneous systems. A. N. Murin, IU. G. Pliner. Izv. LETI 59 no. 46. 335-336 '62.

Structural changes during peening and the recrystallization of molybdenum. A. P. Gulyaev, S. S. Gorelik, M. S. Senkina. Izv. vys. ucheb. zav., chern. met. 5 no. 9. 160-164 '62.

Supermolecular structures in isotactic polypropylene films. V. A. Kargin, G. P. Andrianova. Dokl. AN SSSR 146 no. 6. 1337-1339 O '62.

CRYSTALLIZATION—TESTING

Rapid method of determining the coefficient of saturation of solutions in sugar manufacture. D. M. Lebkovich, I. F. Zelikman, N. L. Troianova. Izv. vys. ucheb. zav., pishch. tekh. no. 5. 137-143 '62.

CRYSTALLOGRAPHY

Displacement of complementary absorption bands in glasses of different chemical composition. A. A. Vorob'ev. Izv. vys. uch. zav., fiz. 3. 110-114 '62.

Theory of edge absorption in semiconductors. E. I. Rashba, G. E. Gurgenishvili. Fiz. tver. tela 4 no. 4. 1029-1031 Ap '62.

CRYSTALLOGRAPHY—STUDY AND TEACHING

"Crystals in nature and technology" by A. A. Shternberg. Reviewed by B. Rezhabek. Fiz. v shkole 22 no. 4. 102-103 Jl-Ag '62.

CRYSTALLOGRAPHY, MATHEMATICAL

Beel's stéreoconoscopic figures and balls. V. V. Dolivo-Dobrovol'skii. Zap. Vses. min. ob-va 91 no. 4. 433-441 '62.

Distribution of elastic constants in quasi-isotropic polycrystals. S. D. Volkov, N. A. Klinskikh. Dokl. AN SSSR 146 no. 3. 565-568 S '62.

Electron energy spectrum in crystals. Part 3. Some properties of load representations. N. V. Kudriavtseva, V. A. Chaldyshev. Izv. vys. uch. zav., fiz. 3. 133-139 '62.

CRYSTALS

Study of anomalous mixed crystals with the aid of radioactive indicators. Part 9. Effect of multivalent ions on the nature of distribution of the microcomponent between the solid and liquid phase in the systems $NH_4Cl - CdCl_2 - H_2O$ and $NH_4Br - CuBr_2 - H_2O$. L. M. Ioffe. Radiokhimiia 4 no. 3. 249-253 '62.

CRYSTALS—ELECTRIC PROPERTIES

Excitation of mechanical exciton waves by an electromagnetic field on the surface of an optically active crystal. IU. A. Tsvirko. Fiz. tver. tela 4 no. 4. 846-850 Ap '62.

CRYSTALS—GROWTH

Effect of convection currents on the growth of small crystals. T. G. Petrov. Zap. Vses. min. ob-va 91 no. 3. 351-353 '62.

Formation of faces on germanium and silicon crystals grown by Czochralsky's method. D. A. Petrov, T. A. Rusakov, S. F. Nichev. Dokl. AN SSSR 146 no. 3. 588-591 S '62.

CRYSTALS, ELECTRON STATE see Excitons

CUBA—AGRICULTURE, COOPERATIVE

Legal status of Cuban cooperatives for the production of sugar. F. Dias. Vest. Mosk. un. Ser. 10 Pravo 17 no. 3. 67-71 Jl-S '62.

CUBA—DESCRIPTION AND TRAVEL

Guliani, Khazmid. [Stories about Cuba] Rasskazy o Kube. Tashkent, Gos. Izd-vo khudozh. lit-ry, 1961. 56 p. (NNC)

Ivanov, V. I. [Cuba, (album)] Kuba [al'bom]. Moskva, Sovetskii khudozhnik, 1961. 65 p. illus. (MH)

CUBA—EDUCATION

Higher education in the newly developing countries. G. Gallo, S. Zakhir. Vest. vys. shkoly 20 no. 10. 26-30 O '62.

CUBA—FOREIGN RELATIONS

A same policy of peace. Mir. ekon. i mezhdunar. otn. no. 11. 3-5 N '62.

CUBA—FOREIGN RELATIONS—UNITED STATES

Aspects of the "Cuban crisis." B. Izakov. Nov. vremia 20 no. 45. 18-20 N '62.

The days when all hung by a thread. N. Sergeeva. Nov. vremia 20 no. 45. 11-17 N '62.

Reason versus recklessness. Nov. vremia 20 no. 45. 1-2 N '62.

We are with you, Cuba! Aziia i Afr. segod. no. 10. 58 O '62.

CUBA—INVASION, 1961

About Playa-Giron. L. Vasilevskii. Av. i kosm. 45 no. 10. 90-91 '62.

CUBA—MILITARY ASSISTANCE, RUSSIAN

Reason versus recklessness. Nov. vremia 20 no. 45. 1-2 N '62.

CUBA—REVOLUTIONISTS

Gavrilin, V. M. [Soldiers of the island of freedom] Soldaty ostrova svobody. Moskva, Voenizdat, 1962. 134 p.

CUBA—VIEWS

Keep away from Cuba. Ukraina no. 21. 4-5 N '62.

CUBA—VOCATIONAL EDUCATION

Training of worker cadres in Cuba. L. Zaidin. Prof.-tekh. obr. 19 no. 9. 30-31 S '62.

CUBA—YOUTH

Republic of Cuba; the 250 best. F. Penalver. Molodezh no. 1. 7-8 '62.

CUCUMBERS

Growing cucumbers in water cultures [with summary in English]. Z. I. Zhukritskii, L. A. Sokolova. Fiziol. rast. 9 no. 5. 639-648 '62.

CUPOLA FURNACES

Automated coke-gas cupola. A. I. Eremichev. Lit. proizv. no. 10. 15-17 O '62.

Control computer for overall automation of cupola processes. L. M. Markenbakh, A. M. Shapiro. Vest. mashinostr. 42 no. 10. 64-70 O '62.

Improving the cupola process in casting cylinder sleeves. P. P. Luzan, A. V. Klibus. Lit. proizv. no. 10. 7-9 O '62.

Materials for basic cupola lining. V. V. Klibus, A. A. Gorshkov. Lit. proizv. no. 10. 13-15 O '62.

Mechanized charging of cupolas with the help of a suspended pushing conveyer. B. E. Avchin, O. B. Semenov. Lit. proizv. no. 10. 17-20 O '62.

Mechanized slag removal during melting in cupolas. A. M. Lagunov. Lit. proizv. no. 10. 17 O '62.

Recuperators mounted in a cupola furnace smoke stack. R. Khudzikevich, T. Kukula, S. Kubin'skii. Lit. proizv. no. 10. 20-21 O '62.

Use of ferrochromium in the production of cast iron pipe. V. M. Pishchev. Lit. proizv. no. 10. 1-4 O '62.

CURARELIKE SUBSTANCES

Comparative clinical and pharmacological characteristics of substitutes for curare. V. M. Vinogradov, P. K. D'iachenko. Trudy Len. khim.-farm. inst. no. 13. 180-192 '61.

CURIE POINT

Shifting of the Curie point of manganese and cobalt carbonates under hydrostatic pressure. D.N.Astrov, G.A. Kytin, M.P.Orlova. Fiz.tver.tela 4 no.4 1055-1057 Ap '62.

CURRANTS see subdivision under Razdan Valley, Sevan Lake region

CURVES ON SURFACES

On the inclination of the chords of a curve and the inclination of its contingency rays [with summary in English]. IU.G.Dutkevich. Vest.LGU 17 no 19:16-25 '62.

CUTOVER LANDS

Melekhov, I.S., L.I.Korkonosova, and V.G.Cheltovskoi [Manual on the study of the types of clearcut areas] Rukovodstvo po izucheniiu tipov kontsentrirovannykh vyrubok. Moskva, Izd-vo Akad. nauk SSSR, 1962. 112 p.
(DNAL)

CUTTING MACHINES

Automatic machine for electric cutting of steel ropes A.S.Skvortsov. Avt.prom. 28 no 9 34-35 S '62

CUTWORMS see subdivision under Azerbaijan

CYANIDE PROCESS

Investigating the process of dissolving the lower sulfide of copper in cyanide solutions. I.A.Kakovskii, IU.M. Potashnikov. Izv.AN SSSR.Otd.tekh.nauk Met.i topl. no.5:81-91 S-O '62.

CYANINE DYES

Cyanine dyes from 6,7-dihydro-4,5-benzobenzthiazole and 4,5-dihydro-6,7-benzobenzthiazole. E.D.Sych, L.P.Umanskaia. Ukr.khim.zhur. 28 no.6:714-718 '62.

CYANINES

Isomeric nitro-2-methylbenzothiazoles and cyanine dyes derived from them. E.D.Sych, Zh.N.Belaia. Ukr. khim.zhur. 28 no.3:362-367 '62.

CYANOCOBALAMINE

Effect of sodium hyposulfite on the biosynthesis of vitamin B_{12} by Propionibact. Jensenii. L.I.Vorob'eva. Dokl.AN SSSR 146 no.3:693-695 S '62.

Effect of vitamin B_{12} on the sugar level in the cerebrospinal fluid in tuberculous meningitis. E.V.Skovronskaia. Vrach.delo no.10:150-151 O '62.

Reiterated conversation. P.Saval'nevé. Sov.rad.i tel. 6 no.4,23-25 '57.

CYBERNETICS

Cybernetics and the activity of the brain. A.V.Napalkov. Biul.MOIP.Otd.biol. 67 no.5:152 S-O '62.

Cybernetics and the brain. A.V.Napalkov. Nauka i zhizn' 29 no.6:48-49 Je '62.

Development of the automation of chemical processes. Vest.AN SSSR 32 no.10:96 O '62.

CYCLOALKANES—SPECTRA

Absorption spectra in the near ultraviolet region of hydrocarbons of the diphenylalkane series. N.A. Shimanko and others. Izv.AN SSSR.Ser.fiz. no.10 1252-1256 O '62.

Molar extinction coefficients for certain absorption bands in spectra of mono-, di-, and tricyclohexylalkanes. M.P.Teterina, Al.A.Petrov. Izv.AN SSSR. Ser.fiz. no.10,1266-1268 O '62.

CYCLODODECATRIENE

Selective oligomerization reaction of bivinyl to cyclododecatriene. E.P.Tepenitsyna, N.K.Dorogova, M.I.Farberov. Neftekhimiia 2 no.4:604-610 Jl-Ag '62.

Synthesis of some derivatives of cycloundecane from 1,5,9-cyclododecatriene. L.I.Zakharkin, V.V. Korneva. Izv.AN SSSR.Otd.khim.nauk no 10:1817-1821 O '62.

CYCLOHEXANE

Copolymerization of nitrogen-substituted borazoles with hexamethylene diisocyanate. V.V.Korshak, V.A. Zamiatina, R.M.Oganesian. Izv.AN SSSR.Otd.khim. nauk no.9 1669-1670 S '62.

Electrochemical reduction of nitrocyclohexane in an aqueous medium. V.G.Khomiakov and others. Zhur. VKHO 7 no.5:584-585 '62.

Infrared absorption spectra of cis-trans isomers of 1-methyl-2-n-alkylcyclohexanes. G.N.Zhizhin and others. Izv.AN SSSR.Ser.fiz. no.10:1263-1266 O '62.

Reaction of 1-chloro-1-nitrocyclohexane with 1,3-butadiene. IU.A.Arbuzov, A.A.Onishchenko. Dokl. AN SSSR 146 no.5:1075-1077 O '62.

CYCLOHEXENENONE

Condensation of 3-(4-methoxyphenyl)-2-cyclohexen-1-one with maleic anhydride. A.A.Akhrem, I.S.Levina, IU.A.Titov. Izv.AN SSSR.Otd.khim.nauk no.10 1891-1893 O '62

CYCLOIDS, MIXED (CHEMISTRY) see Heterocyclic compounds

CYCLONES

Practice of tracking cyclones from observations of microseisms on a polarized unit. E.M.Lin'kov. Uch. zap.LGU 303:138-145 '62.

CYCLOPENTADIENE

Mercury derivatives of cyclopentadienyl and methylcyclopentadienylmanganese tricarbonyl. A.N.Nesmeianov, K.N.Anisimov, Z.P.Valueva. Izv.AN SSSR.Otd. khim.nauk no 9 1683-1684 S '62

New simple and rapid method for the preparation of Δ^2-cyclopentenone starting from cyclopentadiene. A.V. Zakharychev, I.V.Torgov. Izv.AN SSSR.Otd.khim. nauk no.9 1682 S '62

CYCLOPENTANE

Androgenic activity of some dicyclopentane derivatives. T.A.Mel'nikova. Trudy Len.khim.-farm.inst. no 13: 163-165 '61.

Catalytic dehydrogenation of petroleum methylcyclopentane. N.I.Shuikin, T.I.Natyshkina. Neftekhimiia 2 no 4:473-479 Jl-Ag '62.

CYCLOPENTANOL

Hydrogenation of 1-vinylacetylenyl-1-cyclopentanol on platinum and palladium catalysts. T.A.Boroda. Ukr. khim.zhur. 28 no.3:358-362 '62.

CYCLOPENTENONE

New simple and rapid method for the preparation of Δ^2-cyclopentenone starting from cyclopentadiene. A.V. Zakharychev, I.V.Torgov. Izv.AN SSSR.Otd.khim. nauk no.9 1682 S '62.

CYCLOTRON RESONANCE

Mel'nikov, V.K. [Qualitative description of resonance phenomena in a nonlinear system (I)] Kachestvennoe opisanie rezonansnykh iavlenii v nelineinoi sisteme (I). Dubna, Ob"edinennyi in-t iadernykh issl., 1962. 16 p. [With summary in English]

Possibility for resonance acceleration of charged particles by electromagnetic waves in a constant magnetic field [with summary in English]. V.IA.Davydovskii. Zhur.eksp.i teor.fiz. 43 no 3:886-889 '62

CYCLOUNDECANE

Synthesis of some derivatives of cycloundecane from 1,5,9-cyclododecatriene. L.I.Zakharkin, V.V. Korneva. Izv.AN SSSR.Otd.khim.nauk no.10:1817-1821 O '62.

CYLINDERS

Axisymmetric contact problem for an elastic infinite cylinder. V.M.Aleksandrov. Izv.AN SSSR.Otd.tekh. nauk.Mekh.i mashinostr. no.5:91-94 S-O '62.

Flexure of resilient cylinders. K.V.Solianik-Krasso Izv.LETI 59 no 46:184-216 '62

Thermoelastic problem for a cylinder with cavities. A.S.Kosmodamianskii. Prykl.mekh. 8 no.6 671-675 '62.

CYPRUS—LABOR AND LABORING CLASSES

The working class of Cyprus and the trade unions' operating program. A.Ziartides. Vsem.prof.dvizh. no.8/9 21-22 Ag-S '62.

CYPRUS—POLITICS AND GOVERNMENT

The working class of Cyprus and the trade unions' operating program. A.Ziartides. Vsem.prof.dvizh. no.8/9-21-22 Ag-S '62.

CYSTEINE

Use of cysteine in differentiating the bactericidal and bacteriostatic effects of mercury preparations [with summary in English]. M.N.Fedorov, I.K.Lagert. Zhur.mikrobiol., epid.i immun. 33 no.8:49-51 Ag '62.

CYSTS

Colomic cysts of the pericardium [with summary in English]. A.G.Karavanov, V.M.Volchek, V.G.Zagorodniaia. Khirurgiia no.9:44-48 '62.

X-ray diagnosis of periradicular cysts of the maxilla. V.A.Marus. Trudy Nauch.-issl.inst.stom. no.10, 134-143 '62.

CYTOTOXIC DRUGS

Drip method for the primary selection of antitumorous antibiotic substances. B.M.Labkovskii. Trudy Len. khim.-farm.inst. no.13:126-132 '61.

Effect of 4-oxo-6-imino-2,1-pyrimidine-3-thiadiazole and its combination with some other antitumorous preparations on the growth of Ehrlich's tumor. T.F.Guseva, N.I.Vol'fson, L.V.Zolotova. Trudy Len.khim. -farm.inst. no.13:142-149 '61.

Method for the primary selection of antitumorous antibiotic substances. L.M.Shabad, A.V.Loginov, N.I. Vol'fson. Trudy Len.khim.-farm.inst. no.13:115-125 '61.

Reduction of the toxic action of lethal doses of antineoplastic preparations using aminoethylisothiuronium [with summary in English]. L.F.Larinov, and others. Biul.eksp.biol.i med. 53 no.6:68-71 Je '62.

Search for substances possessing antitumorous properties. G.E.Arkad'eva, N.V.Duganova. Trudy Len. khim.-farm.inst. no.13:150-155 '61.

CZECH LITERATURE—HISTORY AND CRITICISM

Bernshtein, I.A., and E.M.Olonova. [The modern Czech and Slovak novel] Sovremennyi cheshskii i slovatskii roman. Moskva, Izd-vo Akad. nauk SSSR, 1962. 170 p.

CZECHOSLOVAKIA—ACCOUNTING

The journal-voucher accounting system in an industrial combine. Milan Klima, Vaclav Klima. Bukhg.uchet 19 no 9.70-71 S '62

CZECHOSLOVAKIA—ART

What disturbs Czechoslovak artists? L.Zhadova. Iskusstvo 25 no.9 29-34 '62

CZECHOSLOVAKIA—BIBLIOGRAPHY

[New literature on Czechoslovakia] Nov.lit.po Chekh. nos.5-6 '62.

CZECHOSLOVAKIA—COMMUNIST PARTY

On the eve of the 12th Congress of the Communist Party of Czechoslovakia. J.Valenta. Part.zhizn' no.22: 62-66 N '62.

CZECHOSLOVAKIA—COMPOST

Application of manure-soil composts in Czechoslovakia. V.M.Litvin. Agrobiologiia no 3 473-474 My-Je '62.

CZECHOSLOVAKIA—COOPERATIVE SOCIETIES

Ustredni rada druzstev, Prague. [Czechoslovak cooperative movement in 1959] Chekhoslovatskoe kooperativnoe dvizhenie,1959. Prague, TSentral'nyi sovet kooperativov, 1960. 24 p.
(NNC)

CZECHOSLOVAKIA—CRIMINAL PROCEDURE

New criminal procedure in the Czechoslovak Socialist Republic. IA.V.Grabovenko, V.K.Mikonov. Vest. Mosk.un.Ser.10 Pravo 17 no.3:58-66 Jl-S '62.

CZECHOSLOVAKIA—CRUSHED STONE INDUSTRY

Production of rock, gravel, and sand in the Czechoslovak Socialist Republic. Biul.stroi.tekh. 19 no.10: 43-45 O '62.

CZECHOSLOVAKIA—DESCRIPTION AND TRAVEL

Efimova, E.S. [Czechoslovakia; personal impressions] Chekhoslovakiia; po lichnym vpechatleniiam. Leningrad, Ob-vo po rasprostraneniiu polit. i nauchnykh znanii RSFSR, 1959. 27 p.
(NNC)

CZECHOSLOVAKIA—DRYING APPARATUS—TESTING

Testing of a pneumatic dryer for potato starch (from "Przmysl Potravin," 12, no.7, 1961). E.E.Shnaider. Sakh.prom. 36 no.10,71 O '62.

CZECHOSLOVAKIA—ECONOMIC CONDITIONS

On the eve of the 12th Congress of the Communist Party of Czechoslovakia. J.Valenta. Part.zhizn' no.22: 62-66 N '62.

CZECHOSLOVAKIA—FRESHWATER FAUNA

Hibernation of bottom organisms in the ground of drained fishponds. N.D.Borodic. Vop.ikht. 2 no.3 530-541 '62.

CZECHOSLOVAKIA—GIRLS—SOCIETIES AND CLUBS

Girls' clubs. E.Kerova, V.Toman. IUn.tekh. 7 no.10,38-40 O '62

CZECHOSLOVAKIA—HISTORY

"The history of Czechoslovakia" [in Czech] by V.Husa. Reviewed by V.V.Sukharev. Vop.ist. no.10:167-169 O '62.

CZECHOSLOVAKIA—INTERNATIONAL BROADCASTING

International radio competitions. Sov.rad.i tel. 6 no.6:35 '57.

CZECHOSLOVAKIA—LIBRARIES

Visiting friends abroad. N.N.Zhitomirova. Trudy LGBI 8:271-279 '61.

CZECHOSLOVAKIA—LIGNITE

Mining and use of brown coal in Czechoslovakia. IU.L. Pivovarov. Ugol' Ukr. 6 no 10.42-44 O '62.

CZECHOSLOVAKIA—PIONEERS (COMMUNIST YOUTH)

Young mechanizers. IUn.tekh. 7 no.10:38-39 O '62.

CZECHOSLOVAKIA—SAND AND GRAVEL INDUSTRY

Production of rock, gravel, and sand in the Czechoslovak Socialist Republic. Biul.stroi.tekh. 19 no.10: 43-45 O '62.

CZECHOSLOVAKIA—STRIP MINING—EQUIPMENT AND SUPPLIES

Korb, Bohuslav, comp. [Mechanization of auxiliary operations in open-pit mines. Translated from the Czech] Sbornik po mekhanizatsii vspomogatel'nykh rabot na kar'erakh. Moskva, Gosgortekhizdat, 1962. 263 p.

CZECHOSLOVAKIA—TRADE UNIONS

Struggles for a united trade-union movement in Czechoslovakia, 1935-1945. G.M.Fominov. Uch.zap.kaf.ist. mezhdunar.rab.i nats.-osv.dvizh. no.1:81-88 '59.

CZECHOSLOVAKIA—WORLD WAR, 1939-1945—UNDERGROUND MOVEMENTS

"The national liberation movement in Czechoslovakia, 1938-1945" by A.I.Nedorezov. Reviewed by I.I. Udal'tsov. Nov.i noveish.ist. no.5:135-140 '62.

DDT (INSECTICIDE)

Sensitivity to DDT of houseflies in various climatic zones of the USSR [with summary in English]. V.I.Vashkov and others. Zhur.mikrobiol., epid.i immun. 33 no.8: 20-24 Ag '62.

DAGHESTAN—LIBRARY CONFERENCES
First Congress of the Librarians of Daghestan. V. I. Kanarsh. Sov. bibl. no. 4:99-101 '62.

DAGHESTAN—MONTMORILLONITE
Montmorillonization in hydromica as a diagnostic feature of Tertiary oil-bearing series in Daghestan. G. I. Nosov. Izv. AN SSSR Ser. geol. no. 10:46-54 O '62.

DAGHESTAN—NEWSPAPERS
Close-knit family of the builders of communism. Part. zhizn' no. 21 67-72 N '62.

DAGHESTAN—PETROLEUM GEOLOGY
Montmorillonization in hydromica as a diagnostic feature of Tertiary oil-bearing series in Daghestan. G. I. Nosov. Izv AN SSSR Ser. geol. no 10 46-54 O '62.

DAGHESTAN—RIVERS
[Rivers of the Daghestan A. S. S. R.] Reki Dagestanskoi ASSR. [By] K. K. Giul' i dr. Makhachkala, Dagestanskoe knizhnoe izd-vo, 1961. 368 p.

DAGHESTAN AUTHORS see Authors, Daghestan

DAIRY BARNS see subdivision under Ukraine

DAIRY BARNS—EQUIPMENT AND SUPPLIES
Fodder distributing machine for dairy farms. P. Rubtsov, V. Gopka. Tekh. v sel'khoz. 22 no. 9:24-25 Ag '62.

DAIRY CATTLE see subdivision under Latvia

DAIRY CATTLE BREEDING
(see also subdivision under Ukraine)
Gorlashin, V. A. [Increasing the butterfat content of cow milk] Povyshenie zhirnomolochnosti korov. [Leningrad] Lenizdat, 1961. 80 p. (DNAL)

DAIRY INDUSTRY
Economics of milk production. A. Il'ichev. Ekon. sel'khoz. 33 no. 9 46-59 S '62.

DAIRY PLANTS—EQUIPMENT AND SUPPLIES
Krupin, G. V. [Processing equipment for the manufacture of protein dairy products] Technologicheskoe oborudovanie dlia proizvodstva belkovykh molochnykh produktov. Moskva, Mashgiz, 1962. 256 p.

DAIRY PRODUCTS
[Dairy foods] Molochnaia pishcha. [Moskva] Pishchepromizdat, 1962. 419 p.

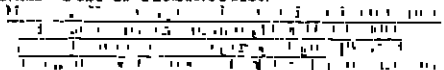
DAIRYING
(see also subdivision under Chechersk District; Chimkent Province; Grodno Province; Ivanovo Province; Khorol District; Mikha Tskhakaya District)
New occupations in stockbreeding. A. TSar'kov. Prof.-tekh. obr. 19 no. 9:19-20 S '62.
Ryzhikova, A. A. [Brigade of communist labor on the farm] Brigada kommunisticheskogo truda na ferme. Moskva, Izd-vo "Sovetskaia Rossiia," 1961. 27 p. (Reshenila ianvarskogo (1961 g.) Plenuma TsK KPSS - v zhizn')
(DNAL)

DAIRYING—EQUIPMENT AND SUPPLIES
Surkov, V. D., N. N. Lipatov, and N. V. Baranovskii. [Technological equipment of dairy enterprises] Tekhnologicheskoe oborudovanie predprilatii molochnoi promyshlennosti. Moskva, Pishchepromizdat, 1962. 576 p.
(DNAL)

DAKAR REGION—PLANKTON
Distribution and dynamics of plankton and the food of sardinella in the commercial areas off the western coast of Africa. N. S. Khromov. Trudy VNIRO 46: 214-236 '62.

DAMPING (MECHANICS)
Methods for balancing and vibration damping of vibratory conveying machinery. I. F. Goncharevich. Vest. mashinostr. 42 no. 10:23-27 O '62.

DAMS
(see also subdivision under Nile River)
Varkhotov, T. L. [Composite-monolithic and precast honeycombed dams] Sborno-monolitnye i sbornye iacheistye plotiny. Moskva, Gosstroizdat, 1962. 342 p.

DAMS—COST OF CONSTRUCTION

stoimosti plotin; sbornik statei. Pod obshchei red. A. A. Nichiporovichn. Moskva, Gosenergoizdat, 1962. 110 p.

DANCING see subdivision under Ukraine

DANIEL'SON, NIKOLAI FRANTSEVICH, 1844-1918
Books once belonging to K. Marx and F. Engels now in the collections of the Leningrad Public Library; characteristics of N. F. Daniel'son's library. TS. I. Grin. Trudy [Len.] publ. bibl. 10:15-32 '62.

DANUBE RIVER—NAVIGATION—LAWS AND REGULATIONS
Bratislava and other agreements among Danube steamship lines. I. M. Averin. Inform. sbor. TSNIIMF no. 46 Mor. pravo i prak. no. 8:5-7 '60.

DANUBE VALLEY—SLAVERY
Slavery in the Danube Valley provinces of the Roman Empire, a review of recent studies. IU. K. Kolosovskaia. Vest. drev. ist. no. 3:186-198 '62.

DARVAZA RANGE REGION—GEOLOGY, STRUCTURAL
Gravitational tectonics of molasses in the Darvaza Range region. V. A. Babadagly. Izv. vys. uch. zav., geol. i razv. 5 no. 7 3-8 Jl '62.

DARVAZA RANGE REGION—ROCKS, SEDIMENTARY
Gravitational tectonics of molasses in the Darvaza Range region. V. A. Babadagly. Izv. vys. uch. zav.; geol. i razv. 5 no. 7:3-8 Jl '62.

DARWINISM see Evolution

DATA PROCESSING, ELECTRONIC see Electronic data processing

DAVYDOV, DENIS VASIL'EVICH, 1784-1839
Davydov, D. V. [Works] Sochineniia. Goslitizdat, 1962. 610 p.

DEAF CHILDREN see Children, Deaf

DEATH
Biological factors of resistance to the processes of extinction of the vital functions of the body. V. A. Nogovskii. Vest AMN SSSR 17 no. 5, 109-115 '62.

DEATH—CAUSES
Some characteristics of deaths from the action of electricity according to autopsy materials from the city of Tiflis. K. R. Abashidze. Vop. elektropat. i elektrotrav. 1:31-36 '61.

DEATH, APPARENT
Dynamics of the mental condition of patients following clinical death of short duration. V. V. Kovalev. Vest AMN SSSR 17 no. 7:17-22 '62.

DEBUSSY, CLAUDE, 1862-1918
Effervescent Achilles. V. Vladimirov. Ogonek 40 no. 43 25 O '62.

DECEMBRISTS
(see also subdivision under Selenginsk)
How the governments of Austria, Prussia, and Sweden helped to punish the Decembrists. V. Golovnikov, A. Shneider. Ist. arkh. 8 no. 4:233 Jl-Ag '62.
Trudy sons of their motherland. Soldier on enemy's invasion. Decembrists in 1812. E. Voronin, T. Ivanova. Nauka i zhizn' 29 no. 9:38-45 S '62.

DECIMAL CLASSIFICATION see Classification, Decimal

DECOMPRESSION SICKNESS
Case of barotrauma of the lungs. R. L. Platonov. Voen.-med. zhur. no. 9 83-84 S '61.
Influence of explosive decompression on the animal and human body (as revealed by foreign studies). A. S. TSivilashvili, I. N. Cheniakov. Voen.-med zhur. no. 9 65-69 S '61.

DECONTAMINATION (FROM GASES, CHEMICALS, ETC.)
Special treatment of equipment in small units. V. Shiplov. Voen. vest. 42 no. 10 32-34 O '62.

DEEP-SEA DEPOSITS
(see also subdivision under Baltic Sea, Bering Sea; Norwegian Sea; Ural Mountain region)
Cross section of Upper Cretaceous marine sediments in the Southern Urals. Z. I. Sitnikova. Trudy Gor.-geol. inst. UFAN SSSR no. 61:49-68 '61.

DEFENSE (CRIMINAL PROCEDURE)
Participation of defense counsels in pretrial investigation. L. Shein. Sov. iust. no. 20. 8-10 O '62.

DEFENSES, NATIONAL see also subdivision 'Defenses' under Germany, Japan; Russia

DEFICIENCY DISEASES
Kushelevskii, B. P., M. A. IAsinovskii, and S. M. Ryss. [Diseases of the joints. Rheumatism, Avitaminoses] Bolezni sustavov. Revmatizm. Avitaminozy. Moskva, Medgiz, 1961. 398 p. (Rukovodstvo po vnutrennim boleznlam)
(DNLM)

DEFORMATIONS (MECHANICS)
Analytic determination of specific pressures during the hot rolling of steel. A. P. Chekmarev, V. I. Prokof'ev. Trudy Inst. chern. met. AN URSR 17:55-66 '62.
Applicability of the laws of deformation geometry in the theory of small deformations to longitudinal rolling. V. A. IAshchenko. Izv. vys. ucheb. zav. ;chern. met. 5 no. 9:125-134 '62.
Calculating deformations in the forming and edging grooves during the rolling of T-sections. I. IA. Tarnovskii, B. M. Ilikovich, A. N. Skorokhodov. Stal' 22 no. 10 925-928 O '62.
Deformations at a plane elastoplastic equilibrium of a loose medium in the vicinity of a cylindrical cavity. E. M. Alanian. Izv. AN SSSR, Otd. tekh. nauk. Mekh. i mashinostr. no. 5:151-153 S-O '62.
Density of slip traces on the surface and in the body of a specimen. O. M. Kugaenko, V. M. Rozenberg, A. V. Shalimova. Izv. AN SSSR. Otd. tekh. nauk. Met. i topl. no. 5, 126-127 S-O '62.
Determination of actual yield points in steel by hot torsion. A. P. Chekmarev, A. P. Kachalov. Trudy Inst. chern. met. AN URSR 17, 83-98 '62.
Effect of external parts on an increase in width during longitudinal rolling. P. I. Polukhin, V. A. Masterov, G. IA. Gun. Izv. vys. ucheb. zav., tsvet. met. 5 no. 5: 141-144 '62.
Effect of the deformation center parameters on the arm of torque during upsetting with a half-segment die. N. M. Sen'ko. Nauch. trudy DMI no. 48, 312-319 '62.
Elastic deformations of rolls on a four-high mill. V. P. Polukhin, IU. D. Zheleznov, A. V. Zinov'ev. Izv. vys. ucheb. zav. ;chern. met. 5 no. 9:143-149 '62.
Evaluating the resistance to thermal stress fatigue by the method of varying rigidity of loading. S. V. Serensen, P. I. Kotov. Zav. lab. 28 no. 10, 1233-1238 '62.
High and transverse metal deformations in beam passes. R. A. Mashkovtsev. Nauch. trudy DMI no. 48:284-291 '62.
Irreversible thermal deformation of cadmium-tin alloys. V. A. Likhachev, G. A. Malygin, Chen' TSin-gui [Ch'ên Ch'ing-kuei]. Izv. vys. uch. zav. ; fiz. 3, 127-132 '62.
New methods of investigating metal deformations in shaped grooves. R. A. Mashkovtsev. Nauch. trudy DMI no. 48:275-283 '62.
Quantitative method of investigating the softening of metals during hot deformation. IA. M. Okhrimenko. Izv. vys. ucheb. zav. ;chern. met. 5 no. 9:111-115 '62.
Regularities of jump-type deformations. L. E. Popov, N. A. Aleksandrov. Fiz. met. i metalloved. 14 no. 4 625-631 O '62.
Relation of the average specific pressure to the geometrical parameters of the deformation center during upsetting with half-segment dies. N. M. Sen'ko. Nauch. trudy DMI no. 48, 350-355 '62.
Shchetinin, S. F. [Wear and deformation of basic parts of motor vehicles] Iznos i deformatsiia bazistykh detalei avtomobilei. Moskva, Mashgiz, 1962. 97 p.
Stressed state of a plastic interlayer. L. M. Kachanov. Izv. AN SSSR, Otd. tekh. nauk. Mekh. i mashinostr. no. 5:63-67 S-O '62.
Stresses and irreversible deformations in plastic metals caused by simple stretching. B. M. Rovinskii, L. M. Rybakova. Izv. AN SSSR, Otd. tekh. nauk. Mekh. i mashinostr. no. 5, 68-74 S-O '62.
Theory of finite plastic deformations of sheet material. G. A. Smirnov-Aliaev, G. IA. Gun. Izv vys. ucheb. zav. ; chern. met. 5 no. 9:150-154 '62.
Warping of parts during heat treatment. K. D. Nekrasov. Metalloved. i term. obr. met. no. 10:57-60 O '62.

DEHYDRASES
Dehydrases in albino sunflower plants. I. I. Linshchenko. Dokl. AN SSSR 146 no. 3:720-723 S '62.

DEHYDRATION (CHEMISTRY)
Dehydration of isopropyl alcohol on a radioactive tricalcium phosphate catalyst. Vict. I. Spitsyn and others. Dokl. AN SSSR 146 no. 5:1128-1131 O '62.
Dehydration of methylcyclopropylcarbinol in the presence of acid catalysts. L. Kh. Freidlin and others. Izv. AN SSSR, Otd. khim. nauk no. 10, 1843-1849 O '62.
Effect of ionizing radiation on the catalytic dehydration of n-dodecyl alcohol. Vikt. I. Spitsyn, G. N. Pirogova, L. E. Mikhailenko. Izv. AN SSSR, Otd. khim. nauk no. 9: 1515-1520 S '62.
Kinetics of the dehydrogenation and dehydration of isopropyl alcohol and of the dehydrogenation of tetralin on thulium oxide. A. A. Tolstopiatova, A. A. Balandin, Pyn Bi-sian [P'eng Pi-hsiang]. Izv. AN SSSR, Otd. khim. nauk no. 9:1524-1533 S '62.
Role of water in the formation of highly condensed silicates and germanates. Report No. 12: Dehydration of strontium dihydrogermanate and $SrO \cdot GeO_2 \cdot xH_2O$ gel. G. P. Stavitskaia, IA. I. Ryskin. Izv. AN SSSR, Otd. khim. nauk no. 10:1708-1717 O '62.

DEHYDROGENATION
Catalytic dehydrogenation of petroleum methylcyclopentane. N. I. Shuikin, T. I. Naryshkina. Neftekhimiia 2 no. 4, 473-479 Jl-Ag '62.
Dehydrogenation kinetics of alkylaromatic hydrocarbons as dependent on their structure. O. K. Bogdanova, A. A. Balandin, I. P. Belomestnykh. Dokl. AN SSSR 146 no. 6:1327-1330 O '62.
Effect of the structure of hydrocarbons on their dehydrogenation kinetics. I. P. Belomestnykh, O. K. Bogdanova, A. A. Balandin. Neftekhimiia 2 no. 4, 467-472 Jl-Ag '62.
Kinetic methods for calculating the dehydrogenation processes of hydrocarbons. G. M. Panchenko, I. M. Kolesnikov. Neftekhimiia 2 no. 4:480-486 Jl-Ag '62.
Kinetics of the dehydrogenation and dehydration of isopropyl alcohol and of the dehydrogenation of tetralin on thulium oxide. A. A. Tolstopiatova, A. A. Balandin, Pyn Bi-sian [P'êng Pi-hsiang]. Izv. AN SSSR, Otd. khim. nauk no. 9:1524-1533 S '62.
Preparation of C_6 - C_{10} alkenes by the catalytic dehydrogenation of alkanes. N. I. Shuikin and others. Neftekhimiia 2 no. 4:457-466 Jl-Ag '62.

DEKABRISTS see Decembrists

DEKHLEVI, AMIR KHOSROV see Khusrau, Amir, 1253 (ca.)-1325

DELAY LINES

Some characteristics of electron wave propagation in beams passing through systems with inductive reaction I. V. Kasatkin. Radiotekh. i elektron. 7 no. 10,1841-1843 O '62

DELIRIUM

Delirium-like fantasy syndrome. IA. Kh. Svirinovskii. Trudy Gos. nauch.-issl. inst. psikh. 27 300-306 '61.

Jealousy delirium syndrome in schizophrenia and some other mental diseases. A. F. Moskvicheva. Trudy Gos. nauch.-issl. inst. psikh. 27 22-26 '61

Role of affectivity in the origin and formation of some types of delirium and the changes in it during the process of treatment. R. IA. Vovin. Trudy Gos. nauch.-issl. inst. psikh. 27-307-311 '61

DELIVERY OF GOODS (LAW)

Decisions of the State Arbitration Agency attached to the Council of Ministers of the U S S R Sots. zakon. 32 no. 11 91-93 N '62

Precontract controversies concerning the number and assortment of goods. I. Gorelik, G. Kudriavtsev. Sov. iust. no. 20,15-16 O '62.

DELUSIONS see Hallucinations and illusions

DEMOGRAPHY see subdivision under Perm Province

DEMOLITION, MILITARY

Morin, A.I. [Aid for the demolition man] V pomoshch' podryvniku. Pod red. B. A. Epova. Moskva, Voenizdat, 1962. 54 p.

DENMARK—PHYSICAL GEOGRAPHY

Practice in physicogeographical regionalization of Denmark, based on paleogeography. L. R. Serebrianyi. Biul. MOIP. Otd. geol. 37 no. 3, 138-139 My-Je '62.

DENMARK—SHIPBUILDING

Danish-built ships [from materials supplied by the firm Burmeister and Wain] Sudostroenie 28 no. 9 72-73 S '62.

DENMARK—SONGS, UKRAINIAN

The Ukrainian song in Denmark. H. A. Nudha. Rad. lit. 6 no. 4-78-88 Jl-Ag '62

DENMARK STRAIT—OCEANOGRAPHY

Some characteristics of the hydrology of Denmark Strait based on the materials of the "Sevastopol" expedition, summer 1958. E. V. Soliankin. Trudy VNIRO 46 74-92 '62.

Some remarks on the water exchange in Denmark Strait. E. V. Soliankin. Trudy VNIRO 16 64-67 '62

DENMARK STRAIT—WATER—COMPOSITION

Hydrochemical conditions in Denmark Straint. E. A. Akhmet'eva. Trudy VNIRO 16 68-73 '62.

DENTAL INSTRUMENTS AND APPARATUS

Technique of preparing and the experience in the clinical use of a slide "pusher" for the treatment of palatally located incisors. V. N. Volodkin. Trudy Nauch.-issl. inst. stom. no. 10 194-199 '62.

DENTAL PROSTHESIS

Volumetric changes in and the plasticity of impression masses. Report No 1 L. A. Pashkovskaia. Trudy Nauch.-issl. inst. stom. no. 10:150-161 '62.

DENTAL SURGERY see Dentistry, Operative

DENTISTRY, OPERATIVE

Replantation of teeth in acute odontogenic osteomyelitis. I. K. Shirokov. Trudy Nauch.-issl. inst. stom. no. 10 79-84 '62.

DENTITION

Nature and classifications of difficult dentition of the lower wisdom teeth. E. A. Magid. Trudy Nauch.-issl. inst. stom. no. 10 115-121 '62.

Treatment of difficult dentition of the lower wisdom teeth and the complications connected with it. E. A. Magid. Trudy Nauch.-issl. inst. stom. no. 10:106-114 '62.

DEPARTMENT STORES—ACCOUNTING

Improve accounting in department stores. P. Sumin. Bukhg. uchet 19 no. 9 47-53 S '62.

DEPRECIATION

Writing off the cost of dies according to "estimated rates." D. Petrushin. Bukhg. uchet 19 no. 9 20-28 S '62.

DERMATITIS, VENENATA see Contact dermatitis

DERMATOPHYTES

Fermentative activity of pathogenic fungi under the influence of antibiotics. V. V. Dobromyslov. Trudy Len. khim.-farm. inst. no. 13:102-112 '61.

DESERT FLORA see subdivision under Repetsk District Preserve

DESERTS see subdivision under Soviet Central Asia

DESERTS—MAPS, TOPOGRAPHIC

Representation on topographic maps of sands held by vegetation and loose sands. G. I. Teneta. Geod. i kart. no. 9 55-63 S '62.

DESIGN, INDUSTRIAL

Expand designing on a voluntary basis. A. Vladimirov. Rech. transp. 21 no. 10 21 O '62.

DESKS

Follow-up on an invention. E. Andreev, V. Zakharov. Nauka i zhizn' 29 no. 9, 98-99 S '62

DESULFURATION

Desulfuration of open-hearth converter iron by lime mixtures in vacuum. V. M. Pobegailo, A. M. Samarin, A. E. Khlebnikov. Izv. AN SSSR. Otd. tekh. nauk. Met. i topl. no. 5 17-21 S-O '62.

Effect of oxygen on the desulfuration of liquid steel. A. I. Kondrat'ev, A. M. Samarin. Izv. vys. ucheb. zav. ; chern. met. 5 no. 9:99-101 '62.

DEUTERIUM

Cross sections for the dissociation of D_2^+ ions into D^0 and D^+ ions in collisions with deuterium molecules [with summary in English]. S. E. Kupriianov, A. A. Perov, N. N. Tunitskii. Zhur. eksp. i teor. fiz. 43 no. 3 763-761 '62.

Isotopic exchange of free radicals with deuterium. L. Radich, R. E. Mardaleishvili. Dokl. AN SSSR 146 no. 3 618-620 S '62.

DEUTERONS

Low-energy photodeuterons from lithium [with summary in English] A. S. Belousov, S. V. Russakov, E. I. Tamm. Zhur. eksp. i teor. fiz. 43 no. 3 813-814 '62

DEXTRIN

Gluing processes, manufacture technology of the dextrin adhesive, and methods of its testing. E. A. Gusev. Sakh. prom. 36 no. 10:31-34 O '62.

DIABETES

Carbohydrates are to blame. M. G. Abramov. Zdorov'e 8 no. 11 14-15 N '62.

Change in the reactivity of diabetes mellitus patients to insulin under the influence of health resort treatment in Yessentuki. I. D. Frenkel'. Uch. zap. Pyat. gos. nauch.-issl. bal'n. inst. 3 185-190 '60.

Chemical factors of neural stimulation in diabetes mellitus and their change under the influence of treatment, preliminary report I. D. Frenkel'. Uch. zap. Pyat. gos. nauch.-issl. bal'n. inst. 3:191-200 '60.

D'IACHENKO, VASILII PETROVICH, 1902-

Scholar's anniversary. Fin. SSSR 23 no. 10 95 O '62

DIADIUM, ALEKSANDR PETROVICH

Our commander. P. Proshin. Sov. voin. 11 no. 20 13-14 O '62.

DIAGNOSIS

Vail', S. S., ed. [Errors of clinical diagnosis; some of the most important internal diseases] Oshibki klinicheskoi diagnostiki; nekotorye vazhneishie vnutrennie bolezni. [Leningrad] Medgiz, 1961. 202 p. (DNLM MICROFILM)

DIAGNOSIS, RADIOSCOPIC

X-ray diagnosis of periradicular cysts of the maxilla. V. A. Marus. Trudy Nauch.-issl. inst. stom. no. 10, 131-143 '62.

DIALECTICAL MATERIALISM

Dialectical logic and scientific investigation [with summary in English, p. 179]. P. V. Kopnin. Vop. filos. 16 no. 10, 3-9 '62.

Foundation of the world outlook of millions. IA. Savenko. Voinv. ateist no. 10:12-14 O '62.

Holovakha, I. P. [Historical materialism is the science of the laws of social development] Istorychnyi materializm - nauka pro zakony suspil'noho rozvytku. Kyiv, Vyd-vo Akad. nauk URSR, 1959. 71 p. (NNC)

"Introduction to the history of philosophy" by A. D. Makarov. Reviewed by A. F. Okulov. Vop. filos. 16 no. 10, 159-162 '62,

IUrova, I. L. [Dialectical materialism and individual sciences; lecture] Dialekticheskii materializm i chastnye nauki; lektsiia. [Moskva] Izd-vo Mosk. univ., 1962. 32 p.

Theory of levels and the dialectic of nature. J. P. Vigier. Vop. filos. 16 no. 10:94-104 '62.

DIALECTICAL MATERIALISM—STUDY AND TEACHING

Russia (1923- U.S.S.R.) Upravlenie prepodavaniia obshchestvennykh nauk. [Sample topics for tests and term papers on dialectical and historical materialism; for higher correspondence schools and correspondence departments of institutions of higher learning] Primernaia tematika kontrol'nykh i kursovykh rabot po dialekticheskomu i istoricheskomu materializmu; dlia zaochnykh vysshikh uchebnykh zavedenii i zaochnykh otdelenii vuzov. Moskva, Gospolitizdat, 1962. 87 p.

DIAMOND CUTTING

Rudnitskii, M. L., and V. A. Sudnab. [Guide for workers occupied in the dressing and recovery of nonferrous metals and diamonds] Pamiatka dlia rabochikh, zaniatykh na obogashchenii i izvlechenii tsvetnykh metallov i almazov. Moskva, Gosgortekhizdat, 1962. 151 p. (Organizatsiia i oplata truda)

DIAMONDS

(see also subdivision under Yakutia)

Manifestation of plastic deformation in a diamond and some problems connected with the plasticity of crystals. V. A. Mokrovskii, V. M. Titova, Z. V. Bartoshinskii. Zap. Vses. min. ob-va. 91 no. 4 381-393 '62

Natural frequencies of vibration in silicon and diamond. T. I. Kucher. Fiz. tver. tela. 4 no. 1:997-998 Ap '62.

New data on the etching of diamonds. V. M. Titova. Zap. Vses. min. ob-va. 91 no. 3 331-337 '62.

DIAMONDS, ARTIFICIAL

Creators of the invincible stone. L. F. Vereshchagin. Ogonek 40 no. 11 10-11 O '62.

DIAPAUSE

Factors causing the beginning of the diapause in the mallow moth Pectinophora malvella Hb. (Lepidoptera, Gelechiidae) [with summary in English] I. A. Kuznetsova. Ent. obozr. 41 no. 3:510-515 '62.

DIAPHRAGM—TRANSPLANTATION

Plastic repair of a gunshot wound of the heart using a muscle flap from the diaphragm applied by B. V. Petrovskii's method. V. S. Antipenko. Khirurgiia no. 9 125-126 '62.

DIATHESIS

Characteristics of the clinical aspects and course of dysentery in children in Khabarovsk who suffer from exudative diathesis. G. M. Metan. Trudy Khab. med. inst. no. 20 17-22 '60.

DIATOMS see subdivision under Azov, Sea of, Sivash; Uzboy

DIATOMS, FOSSIL

(see also subdivision under Black Sea, Makimovo District, Mamadysh District, Ob' Valley; Pur Valley, Tyumen' Province)

Materials on studying fossil spores; from species of the genus Chaetoceros Ehr. I. V. Makarova. Bot. mat. Otd. spor. rast. 15:41-57 In '62.

DIAZO COMPOUNDS

Reactions of ethyleniminocurbinols with diazo compounds. R. G. Kostianovskii, O. A. Luzhkova, V. F. Bystrov. Izv. AN SSSR. Otd. khim. nauk no. 9:1666-1669 S '62.

DIAZONIUM COMPOUNDS—SPECTRA

Synthesis, structure, and infrared spectra of aryl diazonium cadium halides. I. A. Kazitsyna and others. Izv. AN SSSR. Otd. khim. nauk no. 10 1762-1767 O '62

DICHLORO-DIPHENYL-TRICHLOROETHANE see DDT (Insecticide)

DICHROISM

Determining the spectral sensitivity of retinal receptors from experiments with dichromates. N. V. Lobanova, G. N. Rautian. Dokl. AN SSSR 146 no. 5 1193-1196 O '62.

DICKENS, CHARLES, 1812-1870

Stil'man, T. I. [Dickens, study on his works] Dikens; ocherki tvorchestva. Moskva, Gos. izd-vo khudozh. lit-ry, 1958. 405 p. (MIU)

DICKENS, CHARLES, 1812-1870—BIBLIOGRAPHY see Bibliography—Dickens, Charles, 1812-1870

DIE CASTING—EQUIPMENT AND SUPPLIES

Improving the wear resistance of die-casting molds for manufacturing refractory articles. V. S. Popov, N. S. Dmitrichenko. Vest. mashinostr. 42 no. 10:45-46 O '62.

DIE CASTING—PRODUCTION STANDARDS

Moscow. TSentral'noe biuro promyshlennykh normativov po trudu. [Time norms established in the general machinery industry for die casting and precision casting operations] Obshchemashinostroitel'nye normativy vremeni na liteinye raboty pri lit'e pod davlenie i po vyplavliaemym modeliam. Moskva, Mashgiz, 1962. 57 p.

DIELECTRIC CONSTANTS

Accurate measurement of the dielectric parameters of ferroelectric substances at superhigh frequencies [with summary in English]. IU. M. Poplavko. Zhur. eksp. i teor. fiz. 43 no. 3:800-803 '62.

DIELECTRIC LOSS

Dielectric loss theory. G. I. Beidov. Izv. vys. ucheb. zav. ; fiz. 3:9-13 '62.

Energy losses of electric and magnetic charges in ferrodielectrics. B. M. Bolotovskii, V. S. Voronin. Izv. vys. ucheb. zav., radiofiz. 5 no. 5:1033-1035 '62.

Nature of the dielectric effects reflecting solid-phase transformations in solutions. S. S. Urazovskii, I. I. Ezhik. Izv. vys. uch. zav., fiz. 3:114-120 '62.

DIELECTRICS

Change of electroconductivity and of the distribution of the electric field potential in rutile ceramics during the process of aging. V.IA.Kunin, L.N.Lomenko, A.N.Tsilin. Fiz.tver.tela 4 no.9:972-976 Ap '62.

Choice of operational stresses of pulse condensers. N.P. Bashuk, G.S.Kuchinskii, P.L.Litvinova. Vest.elektroprom. 33 no.9:49-52 S '62.

Dielectric relaxation in butyl alcohols. L.M.Imanov, IA.M.Abbasov. Izv.AN Azerb.SSR.Ser.fiz.-mat.i tekh.nauk no.2:39-46 '62.

Electron emission from the surface of a radioceramic irradiated by gamma rays. A.M.Belonogov, A.A. Evgrafov. Izv.LETI 59 no.16:311-315 '62.

Geometrical optics of an anisotropic dielectric. IU.A. Zaitsev. Radiotekh.i elektron. 7 no.10:1826-1829 O '62.

Measurement of the thermodynamic and absorption potentials of dielectric minerals in studying the flotation process. V.M.Borisov, IU.IA.Golger. Dokl.AN SSSR 146 no.3:628-630 S '62.

Relaxation processes in dielectrics and semiconductors. P.T.Oreshkin, S.B.Rykov. Izv.vys.uch.zav., fiz. 5:63-73 '62.

Study of the migration of silver on the surface of a radioceramic by means of marked atoms. V.M. Ovchinnikov, V.S.Serduk. Izv.LETI 58 no.16:346-347 '62.

DIELECTRICS--CONGRESSES

Third International University Conference on Present Dielectrics and Semiconductors Technology. V.V.Pasynkov, L.K. Chirkin. Izv.LETI 59 no.16:348-350 '62.

DIELECTRICS--MAGNETIC PROPERTIES

High-frequency magnetic susceptibility of a ferromagnetic dielectric in a longitudinal magnetic field [with summary in English]. R.N.Gurzhi, V.M.Tsukernik. Zhur.eksp.i teor.fiz. 43 no.3:977-983 '62.

DIENCEPHALON--DISEASES

Medical work fitness expertise in the diencephalic syndrome [with summary in English]. M.F.Kurmanin. Vrach.delo no.10:98-102 O '62.

DIES (METALWORKING)

Die for trimming rivets. I.V.Zanis. Mashinostroitel' no.10:22 O '62.

Dies for the manufacture of caps for file handles. V.Taran. Shkola peredovo 6 no.10:81-85 O '62.

Dies with detachable punches. P.V.Knysh. Mashinostroitel' no.10:16 O '62.

Efremov, S.I. [Plastic dies] Shtampy iz plastmass. Moskva, Profitekhizdat, 1962. 59 p. (Novaia tekhnika i peredovye metody truda)

Semiautomatic die for manufacturing plates for radiator blinds. V.M.Novikov. Avt.prom. 28 no.9:35-36 S '62.

Writing off the cost of dies according to "estimated rates." D.Petrushin. Bulbg.uchet 19 no.9:20-20 S '62.

DIES (METALWORKING)--STANDARDS

Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut po normalizatsii v mashinostroenii. [Dies for sheet-metal work, punches and lower dies for piercing square and oval holes (MN 2738-61 - MN 2749-61)] Shtampy dlia kholodnoi shtampovki, puansony i matritsy dlia probivki kvadratnykh i oval'nykh otverstii (MN 2738-61 - MN 2749-61). Moskva, Standartgiz, 1962. 55 p. (SSSR. Normali mashinostroeniia)

DIESEL ELECTRIC POWER PLANTS

The 4DGA10/30-1 and 6DGA10/30 diesel-electric generators. IU.P.Deviatov. Biul.tekh.-ekon.inform. Gos.nauch.-issl.inst.nauch.i tekh.inform. no.10:47-49 '62.

DIESEL ENGINES

Cause of the early failure of the pistons of the 2D100 diesel engine. R.A.Nasyrov, A.N.Mirza. Elek.i tepl.tiaga 6 no.9:32-34 S '62.

Characteristics of turbines operating in the pulse supercharging systems of diesel engines. V.I.Rusanov. Trudy KHIIT no.52,35-43 '61.

Gas-turbine supercharging of two-stroke diesel engines. V.V.Vodolazhchenko. Trudy KHIIT no.52:30-34 '61.

Investigating the ranges of steady conditions of a free-piston engine. G.O.Chichiian. Izv.vys.ucheb.zav.; mashinostr. no.5:21-25 '62.

Several recommendations concerning the start of a diesel engine. A.P.Poichenko. Elek.i tepl.tiaga 6 no.9,37 S '62.

DIESEL ENGINES--FUEL SYSTEMS

Investigating the characteristics of fuel feed by the fuel pump of the 2D100 engine with modified cutting-off edges of the pump piston. A.P.Chirkin, M.K.Gavrilenko, N.D.Verner. Trudy KHIIT no.52,5-15 '61.

Results of the testing of the 2D100 engine equipped with by-pass and throttle systems and modernized fuel pumps. A.P.Chirkin, M.K.Gavrilenko. Trudy KHIIT no.52,16-23 '61.

DIESEL ENGINES--TECHNOLOGICAL INNOVATIONS see subdivision under Leningrad

DIESEL ENGINES--TESTING

Investigating the effect of the scavenging vortex on the quality of the scavenging of the two-stroke diesel locomotive engine. IU.N.Glagolev. Trudy KHIIT no.52 24-29 '61

DILSEL LOCOMOTIVES
(see also subdivision under Great Britain)

Cause of the early failure of the pistons of the 2D100 diesel engine. R.A.Nasyrov, A.N.Mirza. Elek.i tepl.tiaga 6 no.9:32-34 S '62.

Replies to the inquiries of our readers. A.A.Poido, V.P.Tolkachev, L.G.Murzin. Elek.i tepl.tiaga 6 no.9:41 S '62.

Special features of the design of the hydraulic transmission system of TG102F main line diesel locomotives. A.I.Borovikov, A.N.Zhingarovskii. Elek.i tepl.tiaga 6 no.9:42-43 S '62.

[The TE10 diesel freight locomotive] Gruzovoi teplovoz TE10. Moskva, Transzheldorizdat, 1962. 171 p.

This is how we strive to achieve economy in the expenditure of diesel fuel. E.I.Monakhov. Elek.i tepl.tiaga 6 no.9,12-14 S '62.

DIESEL LOCOMOTIVES--BIBLIOGRAPHY see Bibliography--Diesel locomotives

DIESEL LOCOMOTIVES--DESIGN AND CONSTRUCTION

[Technology of diesel locomotive construction] Tekhnologiia teplovozostroeniia. [By] P.V.Kozlovets i dr. Moskva, Mashgiz, 1962. 375 p.

DIESEL LOCOMOTIVES--HYDRAULIC DRIVE

Comparison study of the hydromechanical transmissions of the diesel locomotive. V.T.Sereda, A.P.Kostiuk, S.P.Netiukhailo. Trudy KHIIT no.51:5-54 '61.

Plotting the traction characteristics of diesel locomotives with double-flow hydromechanical transmission. A.P.Kostiuk. Trudy KHIIT no.51 65-76 '61.

Somlchashnov, I.F. [Hydraulic transmissions of diesel locomotives] Gidravlicheskie peredachi teplovozov. Izd.3, perer. Moskva, Mashgiz, 1961. 331 p.

DIESEL LOCOMOTIVES--MAINTENANCE AND REPAIR

Concerning the lighting of the high-voltage chamber. V.A.Kvintkovskii. Elek.i tepl.tiaga 6 no.9:48 S '62.

Effective technique in repairing the fuel conduit of the 1D12 diesel. N.F.Oshkin. Elek.i tepl.tiaga 6 no.9:27 S '62.

How we prevent electric wires from shorting against the frame. V.I.Shurupov. Elek.i tepl.tiaga 6 no.9:20 S '62.

Repair of hydromechanical reducer. A.P.Simdiankin. Elek.i tepl.tiaga 6 no.9:19 S '62.

When will the spare parts arrive? B.A.Novikov. Elek.i tepl.tiaga 6 no.9:46 S '62.

DIESEL LOCOMOTIVES--TESTING

Adjustment of the transition relay of the TLM1 diesel locomotive. V.F.Doroshenko, S.M.Zverev, S.A. Vinogradov. Elek.i tepl.tiaga 6 no.9,14-16 S '62

DIET IN DISEASE see subdivision under Zheleznovodsk

DIFACIL

Effect of anticaine, difacil, and tetamon "I" on the external secretory function of the pancreas. R.N.Zozulia. Trudy Len.khim.-farm.inst. no.13:167-173 '61.

DIFFERENTIAL EQUATIONS

Approximate integration of nonlinear differential equations of a vibrational movement with a single degree of freedom. V.I.Volkov. Izv.vys.ucheb.zav., mat. no.4:19-32 '62.

Boundary value problems for an equation in Hilbert space. S.G.Krein, G.I.Laptev. Dokl.AN SSSR 146 no.3:535-538 S '62.

Boundary value problems for ordinary differential equations with discontinuous coefficients. G.K. Namazov. Izv.AN Azerb.SSR.Ser.fiz.-mat.i tekh. nauk no.2:3-14 '62.

Determination of arbitrary constants in the solution of a differential equation of a linear automatic control system by means of a gaussian circuit [with summary in English]. A.A.Tatarnikov, A.F.Fedorov. Avtom.i telem. 23 no.11:1560-1562 N '62.

Elliptic equations with discontinuous coefficients. IA.A. Roitberg, Z.G.Sheftel'. Dokl.AN SSSR 146 no.6: 1275-1278 O '62.

Existence of particlelike solutions to a quasi-linear scalar field equation. S.F.Shushurin. Vest.Mosk.un. Ser.3: Fiz., astr. 17 no.5:10-15 S-O '62.

Expansion in eigenfunctions of a nonself-adjoint system of differential equations all along the axis. M.Gimadislamov. Dokl.AN SSSR 146 no.3:519-522 S '62.

Fourier method for solving differential equations containing a second derivative with respect to time. N.I. Brish, I.N.Valeshkevich. Dokl.AN SSSR 146 no.6: 1247-1250 O '62.

Generalization of a theorem of V.A.Ambartsumian. N.V.Kuznetsov. Dokl.AN SSSR 146 no.6:1259-1262 O '62.

Generalized Cauchy-Riemann system with coefficients having first-order singularities. L.G.Mikhailov. Trudy AN Tadzh.SSR 109:57-75 '61.

Integration of an equation of the Hamilton-Jacobi type by the method of separation of variables. Sh.A. Gumerov. Izv.vys.ucheb.zav., mat. no.4:19-61 '62.

Ito's stochastic equations and degenerating elliptic equations. M.I.Freidlin. Izv.AN SSSR.Ser.mat. 26 no.5:653-676 S-O '62.

Note on an equation of a ship's motion [with summary in English]. G.I.Melnikov. Vest.LGU 17 no.19:159-161 '62.

On a certain class of differential equations of infinite order with variable coefficients. IU.F.Korobeinik. Izv.vys.ucheb.zav., mat. no.4:73-80 '62.

On the local homeomorphism of three-dimensional space effected by the solution of a certain elliptic system. V.I.Shevchenko. Dokl.AN SSSR 146 no.5:1035-1038 O '62.

Poincaré's problem for a second-order elliptic equation with singular coefficients. A.Dzhuraev. Dokl.AN SSSR 146 no.5:995-998 O '62.

Problem concerning the periodic solution of the differential equation of a synchronous motor. A.E.Gel'man. Izv.LETI 57 no.39:285-291 '59.

Solution to a certain differential equation with variable coefficients. V.A.Sabitakov. Izv.vys.ucheb.zav.; mat. no.1:143-145 '62.

Solvability of boundary value problems for a certain class of quasi-linear elliptic equations with strong nonlinearities. T.B.Solmiak. Dokl.AN SSSR 146 no.6:1283-1285 O '62.

Some applications of the method of expansion of delta functions in plane waves. D.Murtazaev. Trudy AN Tadzh.SSR 109,75-91 '61.

Some sufficient conditions for the continuous dependence of the solution to a differential equation on a parameter [with summary in English]. N.N.Petrov. Vest.LGU 17 no.19,26-40 '62.

Stability of the zero solution to an n-order differential equation [with summary in English]. B.N.Shashkov. Vest.LGU 17 no.19:50-61 '62.

The superconductivity criterion as a test for the appearance of instability of the Bethe-Salpeter equation for the normal state. V.V.Tolmachev. Dokl.AN SSSR 146 no.6:1312-1315 O '62.

Theory of differential equations with low coefficients at the derivatives in linear topological spaces. V.M. Millionshchikov. Dokl.AN SSSR 146 no.5:1021-1024 O '62.

Three-dimensional boundary value problems with axial symmetry. I.I.Daniluk. Dokl.AN SSSR 146 no.3: 523-526 S '62.

Transitional solutions to nonlinear equations. M.A. Krasnoselskii, G.IA.Liubushkii. Izv.vys.ucheb. zav., mat. no.4:81-85 '62.

Use of Bernoulli polynomials for improving the convergence of trigonometric series according to Krylov's method. S.G.Gurevich. Izv.LETI 57 no.39:292-300 '59.

Use of the method of potentials in solving a system of Oseen's equations describing a steady flow of a viscous incompressible fluid past a plane contour. Part 2. O.I.Panich. Izv.vys.ucheb.zav., mat. no.4:118-121 '62.

DIFFERENTIAL EQUATIONS, LINEAR

Boundary value problem for linear and quasi-linear parabolic equations. Part 2. O.A.Ladyzhenskaia, N.N.Uraltseva. Izv.AN SSSR Ser.mat. 26 no.5:753-780 S-O '62.

Structure of solutions to and the regularity of linear systems of differential equations with quasi-periodic coefficients. V.Kh.Kharasakhal. Dokl.AN SSSR 146 no.6:1290-1293 O '62.

DIFFERENTIAL EQUATIONS, PARTIAL

On a problem covering the entire space for a certain class of partial differential equations. V.V.Grushin. Dokl.AN SSSR 146 no.6:1251-1254 O '62.

Study of the singularities of fundamental solutions to regular equations near special points of the characteristic conoid [with summary in English]. V.M.Babich, B.N. Kovalev, L.T.Lozanovskaia. Vest.LGU 17 no.19:5-14 '62.

DIFFRACTION

Diffraction of radio emission with a continuous spectrum on inhomogeneities of a plane layer [with summary in English]. IU.A.Ryzhov. Izv.vys.ucheb.zav.; radiofiz. 5 no.5:918-922 '62.

DIFFUSION

Diffusion of vapors in capillaries. N.N.Fedinkin. Izv.vys.uch.zav., fiz. 3:82-92 '62.

Effect of the microrelief on the regularities of distribution of a liquid metal on a solid metal surface. IU.V. Goriunov and others. Dokl.AN SSSR 146 no.3:638-641 S '62.

Theory of unsteady diffusion of radiation [with summary in English]. I.N.Minin. Vest.LGU 17 no.19:124-132 '62.

DIFFUSION COATINGS

Popov, A.A. [Theoretical basis of the chemical and heat treatment of steel] Teoreticheskie osnovy khimiko-termicheskoi obrabotki stali. Sverdlovsk, Metallurgizdat, 1962. 118 p.

DIGESTION

Functional state of the hypophysis-adrenal cortex system during digestion under normal and pathological conditions. E. G. Gromova Trudy Len khim -farm. inst. no. 13, 253-256 '61.

DIGESTIVE ENZYMES

Mechanism of enzymatic breakup of starch in the intestine. P De Lacy, N. N. Iezuitova Dokl AN SSSR 146 no. 3 731-733 S '62.

DIGESTIVE ORGANS—DISEASES

Characteristics of sleep at night in patients with diseases of the digestive system during a period of health resort treatment at Yessentuki. G. M. Krasheninnikova. Uch. zap. Pyat. gos. nauch. -issl. bal'n. inst. 3 177-181 '60.

Filippovich, S. I. [Adaptive processes in disorders of the activity of the digestive system] O prisposobitel'nykh protsessakh pri narusheniiakh deiatel'nosti pishchevaritel'nol sistemy. Moskva, Medgiz, 1962. 166 p. (DNLM)

Nature and significance of compensation and adaptation in the treatment of chronic diseases of the digestive organs under health resort conditions. R. L. Blokh. Uch. zap. Pyat. gos. nauch. -issl. bal'n. inst. 3:219-230 '60.

DIGESTIVE ORGANS—INSECTS

Formation of the peritrophic membrane in the mosquito Aëdes aegypti L. D. P. Zhuzhikov. Nauch. dokl. vys. shkoly, biol. nauki no. 4:25-27 '62.

DIKUSHIN, VLADIMIR IVANOVICH, 1902-

Memorable anniversary (on the occasion of the 60th birthday of V. I. Dikushin) Stan. i instr. 33 no. 10: 41 O '62

DIMITROV, GEORGI, 1882-1949

The 80th anniversary of G. Dimitrov's birth. V. V. Lezin. Nov. i noveish. ist. no. 5:178-181 '62.

Old snapshot. A. Nikolaev. Ogonek 40 no. 25:3 Je '62.

DIODES

Detection operation of transistor diodes. V. I. Samoilenko. Trudy MAI no. 150, 5-10 '62

DIOPHANTINE ANALYSIS

Insolvability of an indeterminate equation. G. Babaev. Trudy AN Tadzh. SSR 109 4-13 '61.

DIOXANE—DIPOLE MOMENTS

Dipole moments and the conformation of cyclic compounds Report No 2 1, 3-Dioxanes R. A. Arbuzov, L. K. Ilkdasheva. Izv. AN SSSR. Otd. khim. nauk no. 10, 1734-1737 O '62.

DIOXOLANE—DIPOLE MOMENTS

Dipole moments and the conformation of cyclic compounds Report No. 1 1, 3-Dioxolanes B. A. Arbuzov, L. K. Ilkdasheva Izv. AN SSSR. Otd. khim. nauk no. 10 1726-1734 O '62

DIPHENYLAMINE

Diphenylamine reaction in rheumatism in children [with summary in English]. E. N. Maksakova. Pediatriia no. 8:49-54 '62.

DIPHTHERIA

(see also subdivision under Lipetsk)

Cytotoxic action of the diphtherial toxin on a tissue culture. Report No. 1. Z. I. Gatunina, L. M. Sheftel'. Zhur. mikrobiol., epid. i immun. 33 no. 8:126 Ag '62.

Histomorphology of the neural apparatus of the soft palate in toxic diphtheria of the pharynx. V. M. Baran. Zdrav. Bel. 8 no. 5:11-16 My '62.

Hypertoxic diphtheria, concluding with the recovery of the patient. A. N. Filippovich, IU. A. El'kina, G. P. Vasilenok. Zdrav. Bel 8 no. 5:53-54 My '62

Influence of some infections on antitoxic immunity against diphtheria. M. M. Raskin. Zhur. mikrobiol., epid. i immun. 33 no. 8:132-133 Ag '62.

Recurrences of diphtheria. G. A. Sudzhaev. Zdrav. Bel. 8 no. 5:13-14 My '62.

DIPHTHERIA—MICROBIOLOGY

Typing of diphtheria microbes as a method for the epidemiological study of an infection focus. R. O. Alieva. Zhur. mikrobiol., epid. i immun. 33 no. 8:133 Ag '62.

DIPHTHERIA—PREVENTION

Lowering and eradicating diphtherial morbidity. G. N. Raikhshtat, A. A. Shapiro. Zhur. mikrobiol., epid. i immun. 33 no. 4:125-127 Ap '62.

DIPHTHERIA—PREVENTIVE INOCULATION

Influence of certain infectious diseases on the state of antidiphtheria inoculation immunity. P. G. Rytik. Zdrav. Bel. 8 no. 5:9-10 My '62.

Ways for reestablishing inoculation immunity against diphtheria. A. N. Bakalov. Zdrav. Bel. 8 no. 5:11-12 My '62.

DIPHTHERIA ANTITOXIN

Electrophoretic changes in the proteins during the process of preserving diphtheria serum. V. I. Saichuk, N. G. Milenina. Trudy NIVI 1 268-276 '60

DIPOLE MOMENTS

Concerning the structure of polarization fixing substances. IU. G. Pliner, V. Kh. Kozlovskii. Izv. LETI 59 no. 46:303-307 '62.

Electromagnetic field excited by an electric dipole in a wedgelike region. G. D. Maliuzhinets, A. A. Tuzhilin. Dokl. AN SSSR 146 no. 5:1039-1042 O '62.

Propagation of elastic waves in stratified isotropic elastic media. T. IA. Barinova. Trudy AN Tadzh. SSR 109 107-143 '61.

DIRECT CURRENT MACHINERY see Electric motors, Direct current

DIRICHLET'S SERIES see Series, Dirichlet's

DISABILITY EVALUATION

(see also subdivision under Kursk Province; Moscow, Taganrog)

Answer came from the archives. A. Farutin. Sots. obesp. 23 no. 10 29-30 O '62.

Medical work fitness expertise in the diencephalic syndrome [with summary in English]. M. F. Kuznnata. Vrach. delo no. 10:98-102 O '62.

More on the expertise concerning temporary disability. I. S. Beresten'. Zdrav. Bel 8 no. 5:13-16 My '62.

Types of the course in the simple form of schizophrenia and medical work fitness expertise. B. M. Pogosian. Trudy Gos. nauch. -issl. inst. psikh. 27:41-46 '61.

DISARMAMENT

Ceylon needs peace. Udakendawala Saranankara Thero. Az. i Afr. segi. no. 10:25-26 O '62.

Disarmament is required by the youth of the world. Mol mira no 6 1, 9 '61.

Disarmament, the challenge of the nineteen sixties" [in English] by James P Warburg Reviewed by L. Salycheva Mir ekon i mezhdunar. otn no. 11 146-148 N '62

How to prepare a lecture on the following topic: Disarmament, a vital problem of the present. Mezhdunar. zhizn' 9 no. 11:153-155 N '62.

Khrushchev, N. S. [General and complete disarmament is a guarantee of the peace and security of all nations] Vseobshchee i polnoe razoruzhenie - garantiia mira i bezopasnosti vsekh narodov; rech na Vsemirnom kongresse za vseobshchee razoruzhenie i mir 10 iiulia 1962 goda. Moskva, Gospolitizdat, 1962. 47 p.

Seventh General Assembly of the World Federation of Scientific Workers Vest. vys. shkoly 32 no. 10 91-94 O '62.

DISARMAMENT—CONGRESSES

The voice of trade unions at the Congress for Disarmament and Peace. Yvette Joye. Vsem. prof. dvizh. no. 8/9:42-45 Ag-S '62.

We are responsible for the future. Abd al-Wahhab al-Bayati. Az. i Afr. segi. no. 10:24-25 O '62.

We are strong enough to attain the preservation of peace. Renato Bitocci. Vsem. prof. dvizh. no. 8/9: 1-2 Ag-S '62.

DISCIPLINE, INDUSTRIAL see Labor discipline

DISCOVERIES (IN GEOGRAPHY)

Suzdal' people across the Alps. Sergei Markov. Nauka i zhizn' 29 no. 6:37-41 Je '62.

DISCOVERY AND EXPLORATION see subdivision under Novaya Zemlya

DISEASE GERMS see Bacteria, Pathogenic

DISEASES—CAUSES AND THEORIES OF CAUSATION

Davydovskii, I. V. [The problem of causality in medicine; etiology] Problema prichinnosti v meditsine; etiologiia. Moskva, Medgiz, 1962. 174 p. (DNLM)

DISEASES—REPORTING

(see also subdivision under Ashkhabad)

Method for drawing a general conclusion from report data on the morbidity among the population. M. IA. Kassatsier. Zdrav. Ros. Feder. 6 no. 9:44-48 S '62.

DISINFECTION AND DISINFECTANTS

Disinfection of dishes and linen by means of electrolyzed sodium chloride solutions [with summary in English]. B. L. Shura-Bura, M. I. Vorob'ev, V. I. Shlykov. Zhur. mikrobiol., epid. i immun. 33 no. 8:8-14 Ag '62.

Disinfection of surfaces with small doses of disinfectants applied by means of pneumatic atomizers [with summary in English]. P. I. Nikitin, K. K. Luneva, N. I. Fomicheva. Zhur. mikrobiol., epid. i immun. 33 no. 8: 30-34 Ag '62.

Effect of disinfectants on the morphology and biology of a bacterial cell (Electron microscope study on structural and morphological changes of Escherichia coli) [with summary in English]. A. M. Malchenkov. Zhur. mikrobiol., epid. i immun. 33 no. 8:3-8 Ag '62.

Method for isolating resistant microbial cultures useful for the study of the effectiveness of disinfection [with summary in English]. B. L. Zhura-Bura, M. A. Zolochevskii. Zhur. mikrobiol., epid. i immun. 33 no. 4:115-118 Ap '62.

Vashkov, V. I., and others. [Handbook on disinfection, disinfestation and deratization] Spravochnik po dezinfektsii, dezinseksii i deratizatsii. Moskva, Medgiz, 1962. 166 p. (DNLM)

DISKS, ROTATING

Pisarenko, G. S., and I. A. Kozlov [Carrying capacity of rapidly rotating disks] O nesushchei sposobnosti bystro vrashchaiushchikhsia diskov Kiev, Gostekhizdat USSR, 1962. 47 p.

DISLOCATIONS IN CRYSTALS

Dislocational etching forms in InSb. V. E. Il'in. Fiz. tver. tela 4 no. 4 999-1002 Ap '62.

Kinetics of dislocations with jogs in a simple cubic lattice. A. N. Orlov. Fiz. tver. tela 4 no. 4 876-879 Ap '62.

Manifestation of plastic deformation in a diamond and some problems connected with the plasticity of crystals V. A. Mokievskii, V. M. Titova, Z. V. Bartoshinskii Zap. Vses. min. ob-va 91 no. 1 31-39 '62

DISLOCATIONS IN METALS

Distribution of impurities and dislocations in cadmium crystals. N. A. Tiapunina and others. Fiz. met. i metalloved. 14 no. 4, 582-588 O '62.

Relation between the distribution of etch figures and slip lines in polycrystalline aluminum. A. A. Boshvar', N. N. Glagoleva, I. I. Novikov. Izv. AN SSSR. Otd. tekh. nauk. Met. i topl. no. 5:15-16 S-O '62.

DISPERSOIDS see Colloids

DISPOSSESSION see Eviction

DISSECTION—EQUIPMENT AND SUPPLIES

Scalpel for deep preparation and dissection (for efficiency improvement). B. M. IAroslavtsev. Uch. zap. Biol. -pochv. fak. Kh. un. no. 7:237-238 '58.

DISSERTATIONS, ACADEMIC

Discussion at the defense of V. A. Anuchin's doctoral dissertation. IU. G. Saushkin. Vest. Mosk. un. Ser. 5: Geog. 17 no. 5:65-68 S-O '62.

Subjects of doctoral dissertations on geography. IU. G. Saushkin. Vest. Mosk. un. Ser. 5: Geog. 17 no. 5:3-8 S-O '62.

DISSOCIATION

Dissociation of p-carboxygallanilide. A. T. Siluanev, A. L. Gerasimov. Ukr. khim. zhur. 28 no. 3:309-315 '62.

Pressure of the dissociation of indium oxide. N. A. Khvorostukhina Trudy Vost. Sib. fil. AN SSSR no. 41: 78-82 '62.

Pressure of the dissociation of indium sulfide. Trudy Vost. Sib. fil. AN SSSR no. 41 72-77 '62.

DISTANCE GEOMETRY

Uniqueness of a minimal semihedrible expansion. G. I. Kruchkovich. Dokl. AN SSSR 146 no. 5:999-1002 O '62.

DISTILLATION

"Theory and calculation of distillation and rectification" by S. A. Bagatur'ov. Reviewed by V. N. Stabnikov. Izv. vys. ucheb. zav., pishch. tekh. no. 5:151-152 '62.

DISTILLATION APPARATUS

Basic parameters of the operating conditions of new rectifications columns of a tar distillation plant. V. A. Burlak, T. L. Savits'ka. Khim. prom. [Ukr.] no. 1:19-22 Ja-Mr '62.

Equation for mathematical machine computation of the number of actual plates in distillation columns. L. M. Selivanov. Izv. AN SSSR. Otd. tekh. nauk. Met. i topl. no. 5:227-232 S-O '62.

DISTILLING INDUSTRIES—LABOR PRODUCTIVITY

Methodology for planning labor productivity in the alcohol industry. E. Zhidkova, L. Zamkovskaia. Biul. nauch. inform. trud i zar. plata 5 no. 9:10-14 '62.

DISTRIBUTION (PROBABILITY THEORY)

Practical criterion on the correspondence of theoretical and experimental distribution of a random magnitude IA. I. Dubinin, A. N. Lebedev, V. P. IAtsenko. Izv. LETI 60 no. 46:106-117 '62.

DITCHES see subdivision under Krivoy Rog Basin

DITILIN

Prolonged apnoea caused by the use of listenon [with summary in English]. N. V. Piskhov. Vest. khir. 89 no. 8:81-84 Ag '62.

DIURETICS AND DIURESIS

Correlation between renal blood flow and filtration in water diuresis [with summary in English]. E. N. Berkhin. Biul. eksp. biol. i med. 53 no. 6:11-14 Je '62.

Diuretic action of birch buds. K. V. Drake. Trudy Khab. med. inst. no. 20:212-218 '60.

DIVING, SUBMARINE

In friendly relations with an aqualung. A. Reznitskogo. Voen. znan. 38 no. 10-33 O '62.

DIVING, SUBMARINE—EQUIPMENT AND SUPPLIES

Rozhanskii, IU. V., comp. [Equipment for the underwater sportsman] Snariazhenie sportsmena-podvodnika. Moskva, Izd-vo DOSAAF, 1962. 135 p. (V pomoshch' sportsmenu-podvodniku)

DIVING, SUBMARINE—PHYSIOLOGICAL EFFECT

Endothelial reactions in divers. A. S. Solodkov. Voen. -med. zhur. no. 9:69-70 S '61.

DIVISION OF LABOR
(see also subdivision under Europe, Eastern)
Division of labor and the all-round development of the individual [with summary in English, p. 180]. Vop. filos. 16 no. 10, 22-47 '62.
Methods for the development of the occupational division of labor. K. Varshavskaia. Sots. trud 7 no. 8:11-21 Ag '62.

DMITRIEV, MIKHAIL VASIL'EVICH, 1902-
Anniversary of M. V. Dmitriev. Bukhg. uchet 19 no. 6 70-79 Je '62.

DNEPRODZERZHINSK—COKE INDUSTRY—HYGIENIC ASPECTS
Chemistry and roses. Borys Sylin. Ukraina no. 18:15-17 S '62.

DNEPROPETROVSK—CITY PLANNING
Designing a detailed layout for the left-bank district of Dnepropetrovsk. L. Tyshkovskii. Stroi. i arkhit. 10 no. 9, 13 S '62.

DNEPROPETROVSK—EVENING AND CONTINUATION SCHOOLS
We are solving important problems. V. Kovalev. Prof.-tekh. obr. 19 no. 9, 28-29 S '62.

DNEPROPETROVSK—PUBLIC HEALTH
Sanitary patrol goes around the city. F. Grigor'ev, V. Desiatertk. Zdorov'e 8 no. 11 15 N '62.

DNEPROPETROVSK PROVINCE—BARNS
Traveling mechanized brigade builds cow barns. A. Dosuzhyi. Sil'. bud. 12 no. 10:3-4 O '62.

DNEPROPETROVSK PROVINCE—BUILDING MATERIALS—TESTING
Laboratory for testing building materials. I. Obraztsov. Sil'. bud. 12 no. 10:18 O '62.

DNEPROPETROVSK PROVINCE—CHEMICAL INDUSTRIES—FINANCE
In close contact with financial organs. G. Antonenko. Fin. SSSR 23 no. 10 51-54 O '62

DNEPROPETROVSK PROVINCE—CORN (MAIZE)
Achievements and shortcomings of an experiment station. D. Maksin. Part. zhizn' no. 21:53-55 N '62.

DNEPROPETROVSK PROVINCE—GRAIN—TRANSPORTATION
Possibilities of increasing economic effectiveness in grain transportation. V. I. Kotelianets'. Pyt. ekon. sil'. hosp. URSR no. 4:103-108 '61.

DNEPROPETROVSK PROVINCE—STEEL INDUSTRY—FINANCE
In close contact with financial organs. G. Antonenko. Fin. SSSR 23 no. 10:51-54 O '62.

DNIEPER RIVER—DREDGING
The twenty-first dredger. Mykola Vasyarteev. Ukraina no. 21:10-11 N '62.

DNIEPER RIVER—WORLD WAR, 1939-1945—CAMPAIGNS
Utkin, G.M. [They were the first to force the Dnieper] Oni pervymi forsirovali Dnepr. Moskva, Voenizdat, 1962. 131 p. (Geroicheskoe proshloe nashei Rodiny)

DOBROLIUBOV, NIKOLAI ALEKSANDROVICH, 1836-1861
Bashkaneis, E.G. [N.A. Dobroliubov and illegal poetry of the Crimean War period, report to the All-Union Conference Dedicated to the Hundredth Anniversary of the Death of the Revolutionary and Democrat N.A. Dobroliubov in Gorkiy, 1961] N.A. Dobroliubov i nelegal'naia poeziia perioda Krymskoi voiny; [doklad na Vsesoiuznoi konferentsii, posviashchennoi stoletiiu so dnia smerti velikogo revoliutsionera-demokrata N.A. Dobroliubova, Gorkii, 1961.] Kazan', Gos. muzei Tatarskoi ASSR, 1961. 22 p.
(MH)
Zhdanov, V.V. Dobroliubov. [3. izd.] Moskva, Molodaia gvardiia, 1961. 349 p. illus. (Zhizn' zamechatel'nykh liudei, no. 12[320])
(NNC)

DOCKS—HYDRODYNAMICS
New method of calculating the rolling of floating docks. M. A. D'iachkov. Sudostroenie 28 no. 9:14-16 S '62.

DOCUMENTATION see subdivision under Germany, East, Rumania

DODDER see subdivision under Kirghizistan

DODECYL ALCOHOL
Effect of ionizing radiation on the catalytic dehydration of n. dodecyl alcohol. Vikt. I. Spitsyn, G. N. Pirogova, I. E. Mikhailenko. Izv. AN SSSR. Otd. khim. nauk no. 9: 1515-1520 S '62.

DOKSHITSY DISTRICT—STOCK AND STOCKBREEDING
We are carrying out our program for the output of livestock products. A. Makarevich. Blok. agit. [Bel.] no. 25:14-20 S '59.

DOLGANS
Liubovtsev, V.I. [Beyond the Khatanga River] Za rekoi Khatangoi. Moskva, Gospolitizdat, 1962. 108 p. (Povesti o delakh i liudiakh partii)

DOLMENS see subdivision under Caucasus

DOLPHINS see subdivision under Black Sea

DOMAIN STRUCTURE
Temperature dependence of domain structure in magnetouniaxial ferromagnetic materials. IA. S. Shur, A. A. Glazer. Fiz. met. i metalloved. 14 no. 1 632-633 O '62.

DOMESTIC ANIMALS—WATERING see subdivision under Kirghizistan

DOMESTIC EDUCATION
Repeating a year can be avoided. Semia. i shkola 17 no. 10:10-12 O '62.

DOMESTIC ENGINEERING
In the Sanitary Engineering Research Institute. Biul. stroi. tekh. 19 no. 10:40-42 O '62.

DOMESTIC SCIENCE see Home economics

DON VALLEY—ATOMIC POWER PLANTS
The Novo-Voronezh Atomic Electric Power Station. Blok. agit. [Bel.] no. 25:21-22 S '59.

DON VALLEY—TERRACES (GEOLOGY)
Holocene terraces of the lower Don Valley [with summary in English]. V. I. Radushev. Biul. MOIP. Otd. geol. 37 no. 3, 58-60 My-Je '62.

DONETS BASIN—BORING
World's records set by Donets drifters. E. E. Nil'va Gor. zhur. no. 10:27-30 O '62

DONETS BASIN—COAL GEOLOGY
Character of coals and the tectonic position of the Millet coal-bearing area in the Greater Donets Basin. V. N. Bashashinova. Izv. AN SSSR Ser. geol. no. 10:74-83 O '62.

DONETS BASIN—COAL MINERS
This is the matter of your honor, worker! K. Severinov. Sov. profsoiuzy 18 no. 20:1-5 O '62.

DONETS BASIN—COAL MINES AND MINING
Analysis of systems of developing mining areas and working pitching seams in the Donets Basin from the point of view of rock obtained. A. A. IUshchenko. Nauch. trudy MGI no. 38:245-254 '61.
Baring of coal seams by means of shock blasting using electric delay detonators and divided charges. V. I. Stiknchev. Trudy MakNII 10:251-270 '60.
Construction and reorganization of the Luganak coal mining enterprises. B. L. Kaganovich. Ugol' Ukr. 6 no. 10 5-8 O '62
Determining the basic parameters of a Donets Basin mine developing flat seams. B. A. Rozentreter, A. M. Kurnosov, M. I. Ustinov. Ugol' 37 no. 10, 18-23 O '62
Development of thin steeply dipping coal seams without the use of stope supports. O. V. Kolokolov. Ugol' 37 no. 10:53-56 O '62.
Distribution of haid headings in developing flat coal seams in the Donets Basin. S. M. Lipkovich, I. M. Ponomarev. Ugol' 37 no. 11 20-24 N '62.
Experience in a partial reorganization of the Lisichanskugol' Trust mines. I. A. Grigor'ev. Ugol' 37 no. 11 15-18 N '62.
For a further upswing of the Donets Basin coal mining industry. B. M. Sharenskii. Ugol' Ukr. 6 no. 10: 47-48 O '62
Samoilovich, N.I. ["Kommunist-Novaya" Mine, enterprise of communist labor] Shakhta "Kommunist-Novaia" - predpriiatie kommunisticheskogo truda. Pod obshchei red. A.K. Pochenkova. Moskva, Gosgortekhizdat, 1961. 31 p.
Simplify the assignment system in mines. P. Burzhii, L. Tkachenko. Ekon. Rad. Ukr. no. 4:100-103 Jl-Ag '62.

DONETS BASIN—COAL MINES AND MINING—AIR CONDITIONING
Some results of the use of the first two operating cooling plants in the Donets Basin mines. N. N. Khokhotva. Trudy MakNII 10:156-176 '60.
Underground plant for air cooling in "Butovskaya-Glubokaya," the deepest Donets Basin mine, during its construction. N. N. Khokhotva, A. E. Dovgil, G. G. Kizilov. Trudy MakNII 10:136-147 '60.

DONETS BASIN—COAL MINES AND MINING—EXPLOSIVES
Experience in the work with explosive charges with an increased diameter. I. G. Velikii, N. N. Novikov Ugol' 37 no. 10:30 O '62.

DONETS BASIN—COAL MINES AND MINING—LABOR PRODUCTIVITY
Extracted 56,364 tons of coal with the LGD-2 cutter loader in one month. L. A. Grigor'ev, S. M. Chebonian Ugol' Ukr. 6 no. 10:1-3 O '62.
Labor productivity reached the level set for 1965. I. D. Gurevich. Ugol' 37 no. 10:9-11 O '62.
A rapid advance rate is the basic potential for increasing the labor productivity. I. G. Lychko. Ugol' 37 no. 10:11-13 O '62.
Record setting coal production from a long face 56,364 tons of coal in one month. I. A. Grigor'ev, Chobanian. Ugol' 37 no. 10 1-5 O '62

DONETS BASIN—COAL MINING MACHINERY
Efficiency of the operation of longwalls equipped wi the UKR cutter loader. IA. M. Prudkin. Ugol' 37 no. 11:43-46 N '62.
New machines of the Donets Basin mines and immed tasks of their designers. N. G. Vereskunov. Ugol Ukr. 6 no. 10 3-5 O '62
Use of coal planers for mining Donets Basin mines. N. A. Tishchenko. Ugol' 37 no. 11 35-38 N '62.

DONETS BASIN—COAL MINING MACHINERY—TESTING
Testing an experimental form of the SHCH-57 stope unit in mine No. 58 of the Stalinogorskugol' Trust. A. IA. Pilevskii. Nauch. trudy MGI no. 38, 225-244

DONETS BASIN—COAL PREPARATION PLANTS
Increasing the yield of large sized anthracite in the preparation plant of the "V. I. Lenin" Mine (Nesvetaytrotsit Trust). V. IA. Savran. Obog. i brik. ugl. no. 24 11-18 '62.

DONETS BASIN—HYDRAULIC MINING
Anchor bolting in hydraulic mines. V. B. Belov and others. Ugol' Ukr. 6 no. 10 31-32 O '62

DONETS BASIN—MACHINERY INDUSTRY—PRODUCT STANDARDS
Introduction of technical production standards into th enterprises of an economic region. A. Maksuri. Sc trud 7 no. 8 67-71 Ag '62.

DONETS BASIN—METALLURGICAL LABORATORIES
Seminar of workers of chemical and spectrum analys laboratories of the Donets Basin. A. N. Tkachenko. Zav. lab. 28 no. 10:1277 '62.

DONETS BASIN—MINE FILLING
Problems of hydraulic fill in working thin pitching se in the Donets Basin. A. V. Kotsov, A. A. IUshchen Nauch. trudy MGI no. 38:167-179 '61.

DONETS BASIN—MINE GASES
Methane release in the development workings of Don Basin coal mines. V. L. Bozhko. Trudy MakNII 10 94 '60.
Methane release within the boundaries of the extracti sections of Rutchenkovo Complex mines. S. N. Osip Trudy MakNII 10, 101-119 '60.
Preventing outbursts at the expense of a complete ro caving. R. M. Krichevskii, G. R. Moroz. Trudy MakNII 10, 120-135 '60.

DONETS BASIN—MINE VENTILATION
Investigating the geothermic and climatic conditions the Donets Basin mines. N. N. Khokhotva, A. L. Do Trudy MakNII 10:3-40 '60.

DONETS BASIN—REVOLUTION, 1917-1921
Goncharenko, N. G. [October in the Donets Basin] Oktiabr' v Donbasse. [Khar'kov] Luganskoe obl. iz vo, 1961. 270 p.
(CSt-H)

DONETS BASIN—ROCK PRESSURE
Effect of geological factors on the manifestation of ro pressure in the stopes. V. I. Kravchenko Ugol' Uk 6 no. 10 9-11 O '62.

DONETS BASIN—ROCKS—THERMAL PROPERTIES
Temperature stresses in rocks around underground workings. F. A. Belaenko. Izv. vys. ucheb. zav., ge zhur. 5 no. 8:53-59 '62.

DONETSK—IRON AND STEEL PLANTS
Using new techniques. M. Kamenskii. Metallurg 7 no. 11:13-16 N '62.

DONETSK PROVINCE—AUDITING AND INSPECTION
Obstacles in a big job. E. Lokshin. Fin. SSSR 23 n 67-68 O '62.

DONETSK PROVINCE—BAKERS AND BAKERIES—ACCOUNTING
Improving the accounting in the enterprises of the Donetsk Trust bakery industry. A. P. Degtiarenko. Khleb. i kond. prom. 6 no. 10:23-25 O '62.

DONETSK PROVINCE—BARNS
Framed stock buildings. P. Podsolnechnyov. Sil'. bud. 12 no. 10:8-10 O '62.

DONETSK PROVINCE—SOIL MOISTURE
Vysotskii, G.N. [Selected works] Izbrannye sochine nilia. Moskva, Izd-vo Akad. nauk SSSR.
Vol. 1. [Works in Veliko-Anadol'] Raboty v Ve Anadole. 1962. 496 p.
(DNAL)

DONETSK PROVINCE—VEGETABLE GARDENING
Economic efficiency of concentrating the production o vegetables. V. Voloshyn. Ekon. Rad. Ukr. no. 4:49 Jl-Ag '62.

DOORS—STANDARDS
State standard for technical specifications for window and doors. Biul. stroi. tekh. 19 no. 10:18-22 O '6

DOPPLER EFFECT

Doppler effect in the magnetically active ionosphere F. F. TSedilina. Geomag. i aer. 2 no. 5 865-872 S-O '62.

Doppler effect in the reflection of an electromagnetic wave by a field magnetization wave in a ferrite. E. IA. Dauma, G. I. Freidman. Zhur. eksp. i teor. fiz. 43 no. 3 1102-1104 '62.

DORMANCY IN PLANTS

Characteristics of winter dormancy in citrus plants [with summary in English]. L. I. Surkova. Fiziol. rast. 9 no. 5 607-613 '62.

DORMITORIES see subdivision under Vinnitsa

DOSTOEVSKII, FEDOR MIKHAILOVICH, 1821-1881

Gus, M. S. [Ideas and images of F. M. Dostoevskii] Idei i obrazy F. M. Dostoevskogo. Moskva, Goslitizdat, 1962. 510 p.

Orlov, G. M. [Traditions of church and community] Traditsiia tserkovnaia i obshchestvennaia. Buenos Aires, 1957. 83 p.
(MH)

DOVZHENKO, ALEKSANDR PETROVICH, 1894-1956

Babyshkin, O. K., ed. [Oleksandr Dovzhenko; a collection of reminiscences and articles about the artist] Oleksandr Dovzhenko; zbirnyk spohadiv i statei pro mytsia. Kyiv, Derzh. vyd-vo obrazotvorchoho mystetstva i muzychnoi lit-ry URSR, 1959. 249 p.
(MID)

Barabash, IU. IA. [Pure gold of truth; some aspects of O. Dovzhenko's aesthetics and poetics] Chyste zoloto pravdy. Deiaki pytannia estetyky i poetyky O. Dovzhenka. Kyiv, Radians'kyi pys'mennyk, 1962. 290 p.
(CtY)

"Pure gold of truth, on the aesthetics and poetics of A. Dovzhenko" by IUrii Barabash. Reviewed by R. M. Syvokin'. Rad. lit. 6 no. 4:130-132 Jl-Ag '62.

DRAINAGE

(see also subdivision under Polesye, Trubezh Valley)

Air filtration from a horizontal drain laid under the reservoir bottom. I. S. Nikol'skii. Izv. AN SSSR. Otd. tekh. nauk. Mekh. i mashinostr. no. 5:181-183 S-O '62.

Cutting drain slots in the embankment as a justified measure. L. P. Nikiforov. Put' i put. khoz. 6 no. 8 27 '62.

Mechanization of the construction of subsurface horizontal drainage. A. N. Mirsagatov. Vop. gidr. no. 5 107-117 '62.

DRAINAGE—EROSION

Effect of the drainage by furrows of fall-tilled fields on soil erosion during spring thawing. V. S. Rodionov. Zemledelie 24 no. 9:53-55 S '62.

DRAMA—SOCIETIES, ETC. see subdivision under Leningrad

DREDGING see subdivision under Dnieper River

DREDGING MACHINERY

Relationship between the design parameters of dredges and dredger sections and the thickness of placer deposits. I. L. Afanas'ev. Gor. zhur. no. 10,40-44 O '62.

Screw conveyer for cleaning canals. D. V. Krivobokov. Stroi. i dor. mash. 7 no. 9:16-18 S '62.

DREPANOCLADUS

Sections of the genus Drepanocladus (C. Müll.) Roth. Z. N. Smirnova. Bot. mat. Otd. spor. rast. 15:170-185 Ja '62.

DRESDEN—ART GALLERIES AND MUSEUMS

How were preserved the treasures of the Dresden Art Gallery. A. S. Rototaev. Ist. arkh. 8 no. 4:163-172 Jl-Ag '62.

DRESSINGS (SURGERY) see Splints (Surgery)

DRESSMAKING—PATTERN DESIGN

Clothing pattern design based on a finished sample product. M. N. Kaganskii, V. A. Morozov, V. M. Novichkov. Shvein. prom. no. 5:22-26 S-O '62.

DRESSMAKING—PERIODICALS

[Fashion magazine, 1962] Zhurnal mod, 1962. Oformlen Biuro torgovoi reklamy otdeleniia Vsesoiuznoi torgovoi palaty. Latvliskoi SSR. Moskva, Reklamno-izd. fabrika upr. gor. oformleniia i reklamy Mosgorispolkoma, 1962. 48 p.

DRIFTING ICE STATIONS see subdivision under Arctic regions

DRILLING AND BORING

Causes for the breakdown of drills in machining with power heads. F. K. Korolev, V. M. Pestunov. Mashinostroitel' no. 10:25 O '62.

DRILLING AND BORING MACHINERY

Bit for thermal drilling of frozen ground. Nar. khoz. Kazakh. 20 no. 6:90 Je '62.

The TL-848 drilling machine unit. I. M. Shevlifakov. Biul. tekh.-ekon. inform. Gos. nauch.-issl. inst. nauch. i tekh. inform. no. 10,42-44 '62.

DRILLING AND BORING MACHINERY—ATTACHMENTS

Eccentric mandrel for boring. G. T. Voronа. Stan. i instr. 33 no. 10:39-40 O '62.

Mandrel for machining closed holes. A. A. Rybachek. 'Mashinostroitel' no. 10 19 O '62.

Universal attachment. N. I. Bachevskii. Mashinostroitel' no. 10 28 O '62.

DRINKING WATER see subdivision under India

DROPPING MERCURY ELECTRODES see Electrodes, Dropping mercury

DROPS

Growth of drops during condensation. V. V. Ivanov. Izv. vys. ucheb. zav., fiz. 3 62-64 '62.

DROWNING, RESTORATION FROM

Ukhanova, N. V., L. V. Lebedeva, and B. V. Lazarev-Stanishchev. [Medical aid for the drowning victim] Meditsinskaia pomoshch' utonuvshemu. Leningrad, Medgiz, 1962. 62 p. (Biblioteka prakticheskogo vracha)
(DNLM)

DRUGS

Medicinal agents. Zdrav. Bel. 8 no. 5:79 My '62.

Poisonous. S. Gorskii. Zdorov'e 8 no. 11:28 N '62.

DRUGS—PHYSIOLOGICAL EFFECT

Effect of some pharmacological preparations used for the treatment of stenocardia on coronary circulation [with summary in English]. I. E. Kisin. Uch. zap. Inst. farm. i khimioter. AMN SSSR 2 48-52 '60.

DRUZHKOVKA—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

One among many others. B. Belashov. Agitator no. 22: 61-62 N '62.

DRYING APPARATUS

Automation of a two-stage spray evaporating-drying unit. S. V. Trachuk and others. Khim. prom. [Ukr.] no. 1:74-75 Ja-Mr '62.

Drying unit with a capacity of 30 tons per hour for drying industrial products. T. A. TSurkan, V. M. Shvarts. Obog. i brik. ugl. no. 24:32-37 '62.

Duraluminum boxes for macaroni drying. R. O. Gimranov. Khleb. i kond. prom. 6 no. 10,43-44 O '62.

Russia (1923- U.S.S.R.) Gosudarstvennyi komitet po delam stroitel'stva. [Technical specifications SN 208-62 for the assemblage of rotary kilns and drum driers] Tekhnicheskie ukazaniia na montazh vrashchaiushchikhsia pechei i barabannykh sushilok SN 208-62. Moskva, Gosstroiizdat, 1962. 21 p.

DRYING APPARATUS—SAND, FOUNDRY

Equipment for sand drying in a flow of hot gases. M. A. Gurevich. Lit. proizv. no. 10:13 O '62.

Kadnikov, V. G., and A. M. Lipuitskii. [Drier] Sushil'shchik. Moskva, Mashgiz, 1962. 143 p.

DRYING APPARATUS—TESTING see subdivision under Czechoslovakia

DUCKS

Sokolov, P. F. [One hundred and thirty tons of duck meat] 130 tonn utinogo miasa. [Leningrad] Lenizdat, 1961. 22 p. (Vypolnaem resheniia ianvarskogo Plenuma TsK KPSS)
(DNAL)

DUCTUS ARTERIOSUS

Case of successful treatment of aortic coarctation associated with patent ductus arteriosus. M. B. Dribinskii, T. A. Oksareva. Khirurgiia no. 9:128-129 '62.

Functional closure of the ductus arteriosus (Botallo's) [with summary in English]. L. F. Gavrilov. Grud. khir. no. 4:64-71 Jl-Ag '62.

DUMP TRUCKS

Semiautomatic and automatic control of locks of dump platform boards of motortrucks, semitrailers and trailers. G. V. Staskevich. Avt. prom. 28 no. 8 28-29 S '62.

DURALUMINUM

Duraluminum boxes for macaroni drying. R. O. Gimranov. Khleb. i kond. prom. 6 no. 10 43-44 O '62.

DUSHANBE—CONSTRUCTION INDUSTRY

IUsupov, IUnus. [A mixed construction brigade] Kompleksnaia stroitel'naia. Stalinabad, Tadzhikgosizdat, 1961. 32 p. (Peredoviki semileiki)

Murtazaev, Mudzhaba. [Our construction brigade] Nasha stroitel'naia brigada. Stalinabad, Tadzhikgosizdat, 1961. 26 p. (Peredoviki semileiki)

DUSHANBE—WOMEN IN MOHAMMEDANISM

The pitiful fate of Kamina. A. Strelitsova. Nauka i rel. 4 no. 11,63-64 N '62.

DUST

Dust. Nauka i zhizn' 29 no. 9:99 S '62.

DUST—PREVENTION

Dust content of the air in the Korkino Coal Preparation Plant. I. P. Kuznetsov. Sbor. trab. po silik. no. 3 177-179 '61.

DUST—REMOVAL

Controlling dust in the alumina and electrode shops of the Ural Aluminum Plant. A. S. Tishchenko. Sbor. trab. po silik. no. 3:187-190 '61.

Improving ventilation exhaust systems in pneumatic coal preparation plants. M. I. Artamonov. Sbor. trab. po silik. no. 3 181-185 '61.

Practice of controlling dust in the air of an asbestos mill. Sbor. trab. po silik. no. 3 171-175 '61.

DUST COLLECTORS

Apparatus for keeping dust down in rod drilling. Sh. D. Chilashvili, M. E. Bregvadze. Sbor. trab. po silik. no. 3 55-58 '61.

Comparative evaluation of dry dust collectors in drilling operations. M. P. Filippova. Sbor. trab. po silik. no. 3 199-208 '61.

Power-driven units for dry and wet dedusting. A. V. Volin. Sbor. trab. po silik. no. 3 59-63 '61.

Use of centrifugal fans for dust separation. O. S. Pevnev. Ugol' 37 no. 10 50-52 O '62.

DWELLINGS see subdivision under Crimea

DWELLINGS—MAINTENANCE AND REPAIR

Akademiia kommunal'nogo khoziaistva. Leningradskii nauchno-issledovatel'skii institut. [Regulations for the protection of wood from decay and damage by wood-destroying insects during major repairs of residential buildings] Pravila zashchity drevesiny ot gnieniia i povrezhdenia drevoraziushaiushchimi nasekomymi pri kapital'nom remonte zhilykh domov. Moskva, Izd-vo M-va kommun. khoz. RSFSR, 1962. 51 p.

DYCLOPENTADIENE

Methylcyclopentadiene as an equilibrium mixture of isomers. V. A. Mironov, E. V. Sobolev, A. N. Elizarova. Dokl. AN SSSR 146 no. 5:1096-1101 O '62.

DYES AND DYEING

Analysis of active vinylsulfonic dyes by means of paper chromatography. L. A. Kovzhin, A. A. Kharkhalov. Izv. vys. ucheb. zav., tekh. tekst. prom. no. 4:84-88 '62.

Interaction of direct dyes with organic solvents. B. N. Mel'nikov, I. B. Kotova. Izv. vys. ucheb. zav. tekh. tekst. prom. no. 4:89-94 '62.

Polymethine dyes, derivatives of substituted thiazolines. T. G. Gnevysheva, I. I. Levkoev. Dokl. AN SSSR 146 no. 5:1081-1083 O '62.

Vorontsov, I. I. [Manufacture of organic dyes] Proizvodstvo organicheskikh krasitelei. Moskva, Goskhimizdat, 1962. 544 p.

DYES AND DYEING—PAPER

Pushkin, A. I., and D. V. Shirinov. [Theory and practice of paper dyeing] Teoriia i praktika krasheniia bumagi. Moskva, Goslesbumizdat, 1962. 286 p.

DYES AND DYEING—SPECTRA

Light-induced signals of electron paramagnetic resonance in organic dye crystals. V. E. Kholmogorov, A. N. Terenin. Dokl. AN SSSR 146 no. 3 652-655 S '62.

DYES AND DYEING—WOOL

"Use of synthetic dyes for dyeing wool yarn for rugs" by L. I. Gorokhovskaia, E. L. Simanovskaia. Reviewed by IA. Isakov. Meat. prom. i khud. promys. 3 no. 6: 40 Ag '62.

DYMER—AERONAUTICAL SOCIETIES

From a circle to a club. V. Sobko. Kryl. rod. 13 no. 10:18-19 O '62.

DYNAMICS OF A PARTICLE

Calculating the velocity rate of soaring under free and constricted conditions. A. S. Kemmer, A. M. Dzhadzho. Izv. vys. ucheb. zav., pishch. tekh. no. 5:113-119 '62.

Energy loss resulting from the emission of longitudinal waves by a charged particle moving in a medium [with summary in English]. L. G. Naryshkina. Zhur. eksp. i teor. fiz. 43 no. 3 953-957 '62.

DYNAMOMETER

Choosing the basic parameters of soil dynamometers from conditions of the least distortion of the pressures being measured. D. S. Baranov. Trudy TSNIISK no. 14:40-84 '62.

DYNAMOMETER—TESTING

Relationship between the deformation and the loading of standard flexible dynamometers. M. I. Kotochigova. Izm. tekh. no. 10:22-23 O '62.

DYNAMOS see Electric generators

DYSENTERY

(see also subdivision under Khabarovsk)

Characteristics of conditioned reflexes in a protracted course of dysentery in children. A. M. Bereko. Trudy Khab. med. inst. no. 20:23-26 '60.

DYSENTERY (Continued)

Epidemic significance of atypical forms of dysentery. L. E. Belen'kii, L. M. Kaufman. Zdrav. Bel. 8 no. 5 19-20 My '62

Etiological role of Newcastle bacteria of the Denton-Manchester and Clayton-Warren types. D. A. Savenkov. Zhur. mikrobiol., epid. i immun. 33 no. 8:127 Ag '62

Materials on the study of superinfections in dysentery in infants. Report No. 2. The relationships between the etiological structure of infant dysentery and the direction of the "change" in the pathogens within the patient's body [with summary in English]. V. N. Chernova. Zhur. mikrobiol., epid. i immun. 33 no. 1:96-100 Ap '62

Selection of dysentery microbes exhibiting a protracted retention of their immunogenic and antigenic properties. T. S. Sil'chenko, A. I. Spitsa. Zhur. mikrobiol., epid. i immun. 33 no. 8:131 Ag '62.

Treatment of acute and chronic bacillary dysentery with Pantelia. D. A. Markevich. Voen.-med. zhur. no. 9 86 S '61.

Urinary excretion of neutral 17-ketosteroids in dysentery. N. V. Malinina. Vrach. delo no. 10 127-128 O '62.

DYSENTERY—DIAGNOSIS

Diagnosis of bacillary dysentery by means of fluorescing gamma globulin. M. I. Kozhushko, M. I. Kozar', I. I. Morgulis. Voen.-med. zhur. no. 9 57-59 S '61.

Rapid diagnosis of bacterial dysentery by means of the method of fluorescing antibodies. B. A. Chukhlovin, S. P. Ivanova. Voen.-med. zhur. no. 9 55-57 S '61.

Use of fluorescing antibodies in the diagnosis of dysentery. P. D. Gorokhov, Z. Kh. Rudoi. Voen.-med. zhur. no. 9 59-60 S '61.

DYSTONIA

Toxic dystonia from fodder in cattle. S. I. Smirnov. Visnyk sil'hosp. nauky 5 no. 9:82-85 S '62.

DZERZHINSKII, FELIKS EDMUNDOVICH, 1847-1926

Proletarian Jacobin. M. Gerasimenko. Uzbekistan 21 no. 9:8-9 S '62.

DZHALIL', MUSA, 1906-1944

Kazan. Gosudarstvennyi muzei Tatarskoi ASSR. [Musa Dzhalil' (Zalilov); catalog of materials in the collections of the museum] Musa Dzhalil' (Zalilov), katalog materialov v fondakh muzeia. Kazan', 1959. 20 p. Illus.

(MB)

DZHAMBUL PROVINCE—PHYSICAL GEOGRAPHY

Agricultural evaluation of natural conditions in Dzhambul Province. M. S. Golovkina. Trudy Inst. pochv. AN Kazakh. SSR 13:174-189 '62

DZHAMBUL PROVINCE—SHEEP

Effectiveness of various forms of keeping fine-wool sheep in southeastern Kazakhstan. A. I. Petrov, N. I. Ibragev. Vest. sel'khoz. nauki [Kazakh.] 5 no. 8:46-57 Jl '62.

DZHAVA DISTRICT—LIVERWORTS

Cephalozia pleniceps (Aust.) Lindb. from the Caucasus. A. L. Abramova, I. Duda. Bot. mat. Otd. spor. rast. 15 103-105 Ja '62.

DZHETYGARA DISTRICT—ASBESTOS

Finish projects in the final stages of construction on time. B. Temnikov. Nar. khoz. Kazakh. 20 no. 6, 54-56 Je '62.

DZHETYGARA DISTRICT—BUILDING MATERIALS INDUSTRY

There is need for a well equipped building materials production base. M. Aksartov, G. Panasenko. Nar. khoz. Kazakh. 20 no. 6:57-58 Je '62.

DZHETYGARA DISTRICT—CONSTRUCTION INDUSTRY

Finish projects in the final stages of construction on time. B. Temnikov. Nar. khoz. Kazakh. 20 no. 6:54-56 Je '62.

DZHEZKAZGAN DISTRICT—COPPER MINES AND MINING

Prospects for the development of the Dzhezkazgan deposit. I. Mekler. Izv. vys. ucheb. zav.; gor. zhur. no. 10:36-39 '61.

DZUNGARIAN ALA-TAU—HETEROPTERA

New species of Heteroptera of the U. S. S. R. I. M. Kerzhner. Trudy Zool. inst. 30:130-155 '62.

EAGLES see subdivision under Kirghizistan

EAR

(see also subdivision under Soviet Far East)

State of the upper respiratory tract and the organ of hearing in singers and voice students in Khabarovsk. V. S. Liande and others. Trudy Khab. med. inst. no. 20: 147-155 '60.

EARTH

Earth science and the problems of altering nature. A. G. Doskach. Izv. AN SSSR. Ser. geog. no. 5:127-137 S-O '62.

EARTH—SURFACE

(see also subdivision under Soviet Far East)

Meeting of the Petrographic Group of the Institute of the Geology of Ore Deposits, Petrology, Mineralogy and Geochemistry of the Academy of Sciences of the U. S. S. R. E. K. Ushev. Izv. AN SSSR Ser. geol. no. 10 126-127 O '62

More about the crustal structure based on geophysical data from the petrographic standpoint. G. D. Afanas'ev. Izv. AN SSSR Ser. geol. no. 10 3-19 O '62.

Petrochemical characteristics of volcanoes in connection with various types of the earth's crust. G. S. Gorshkov. Biul. MOIP Otd. geol. 37 no. 3 121 My-Je '62.

EARTH CURRENTS

Magnetic field of the equatorial ring current. N. P. Benkova, L. O. Tiumina. Geomag. i aer. 2 no. 4 636-641 Jl-Ag '62

Methodology of determining the stratigraphic relation of a test horizon in the method of telluric currents. M. N. Berdichevskii, K. I. Nikitenko. Prikl. geofiz. no. 33 102-123 '62.

EARTH MOVEMENTS—RESEARCH

International cooperation in the study of present movements of earth crust. Iu. A. Meshcheriakov. Izv. AN SSSR Ser. geog. no. 5:171-174 S-O '62.

EARTH PRESSURE

Choosing the basic parameters of soil dynamometers from conditions of the least distortion of the pressures being measured. D. S. Baranov. Trudy TSNIISK no. 14 10-31 '62

EARTH SATELLITES see Artificial satellites

EARTH TEMPERATURE see subdivision under Caucasus

EARTHMOVING MACHINERY

New machinery. Stroi. i dor. mash. 7 no. 9:35-36 S '62

EARTHQUAKES

(see also subdivision under Altai Mountains; Makhachkala region)

Bulletin of strong earthquakes in the U. S. S. R. in 1959. N. A. Vvedenskaia and others. Trudy Inst. fiz. Zem. no. 22 Vop. inzh. seism. no. 7:3-24 '62.

Investigating operating conditions of underground pipelines during an earthquake. T. Rashidov. Izv. AN Uz. SSR, Ser. tekh. nauk 6 no. 5:41-52 '62.

EARTHQUAKES AND BUILDING

Causes of beats during vibrations of buildings. A. P. Simtsyn. Trudy Inst. fiz. Zem. no. 22, Vop. inzh. seism. no. 7:95-104 '62.

Economic expediency of antiseismic reinforcement of buildings. S. V. Medvedev. Trudy Inst. fiz. Zem. no. 22, Vop. inzh. seism. no. 7:59-65 '62.

Estimation of the dynamic pressures on ground caused by seismic vibrations of a rigid structure. A. Z. Kats. Trudy Inst. fiz. Zem. no. 22 Vop. inzh. seism. no. 7 105-111 '62.

EARTHWORK

Earthwork in road construction in the north-east regions of the country. A. S. Popolov. Avt. dor. 25 no. 10 6-7 O '62

Sibiko, A. N., and K. A. Khavkin. [Calculation of volumes of road earthwork on electronic calculating machines] Podschet ob"emov zemlianykh rabot avtomobil'nykh dorog na elektronnykh vychislitel'nykh mashinakh. Moskva, Avtotransizdat, 1962. 70 p.

EAST (FAR EAST) see Far East

EAST (NEAR EAST) see Near East

EAST (SOVIET FAR EAST) see Soviet Far East

EAST GERMANY see Germany, East

EASTER

Why... Nauka i rel. no. 5:80-81 My '62.

EASTER EGGS

Stechishin, Savella. [Art treasure of Ukrainian embroidery] Mystets'ki skarby ukrains'kykh vyshyvok. Winnipeg, Nakl. Soiuzu ukrainok Kanady, 1950. 136 p. Illus.

(InU)

EASTERN EMPIRE see Byzantine Empire

EASTERN EUROPE see Europe, Eastern

EASTERN SIBERIA see Siberia, Eastern

ECHO VIRUSES

Coxsackie and ECHO virus infections in children. Sov. med. 26 no. 8:3-8 Ag '62.

ECLIPSES, SOLAR

Gravity observations during a total solar eclipse. N. P. Grushinskii, M. U. Sagitov. Vest. Mosk. un. Ser. 3: Fiz., astr. 17 no. 5:46-53 S-O '62.

ECLIPSES, SOLAR—1961

Effect of the solar eclipse of February 15, 1961 in the ionosphere. V. N. Antsyshkina. Geomag. i aer. 2 no. 4:791-793 Jl-Ag '62.

Observations of the total solar eclipse of February 15, 1961 at wavelengths of 22 and 83 cm. [with summary in English] L. I. Matvcenko, R. L. Sorochenko. Izv. vys. ucheb. zav., radiofiz. 5 no. 5 873-881 '62

ECOLOGY

Habitat concept in ecology. E. V. Rotshil'd. Biul. MOIP. Otd. biol. 67 no. 4:158-159 Jl-Ag '62.

ECOLOGY—CONGRESSES

Fourth ecologic conference in Kiev. G. IA. Bei-Bienko. Ent. obozr. 41 no. 3-701-708 '62.

ECONOMIC ASSISTANCE

The weapon of imperialist policy. V. Rymalov. Mezhdunar. zhizn' 9 no. 11:13-23 N '62.

ECONOMIC ASSISTANCE, AMERICAN see subdivision under Japan

ECONOMIC ASSISTANCE, RUSSIAN see subdivision under Ghana

ECONOMIC COUNCILS, ADMINISTRATIVE see Administrative economic councils

ECONOMIC GEOLOGY see Geology, Economic

ECONOMIC HISTORY

Program of the CPSU and the progress of mankind. T. Timofeev. Mir ekon. i mezhdunar. otn. no. 11 7-17 N '62.

ECONOMIC HISTORY—BIBLIOGRAPHY see Bibliography—Economic history

ECONOMIC RESEARCH

In the departments of economics. IA. IAkushkin, A. Romanov. Nauch. dokl. vys. shkoly; ekon. nauki no. 5:107-113 '62.

ECONOMIC ZONING

(see also subdivision under Kirghizistan, Kuybyshev Province, Siberia; Siberia, Eastern)

Characteristics of the economics of power resources and production specialization in regions. A. E. Probst. Vop. geog. no. 57-39-57 '62.

Hypothesis of the future development of the system of territorial production complexes in the U. S. S. R. IU. G. Saushkin, T. M. Kalashnikova. Vop. geog. no. 57:121-136 '62.

Ways to develop the regions of central Russia. A. A. Mints, S. N. Riabtsev, B. S. Khorev. Vop. geog. no. 57, 191-211 '62.

ECONOMICS

Alzenberg, I. F. [Building of communism, commodity and monetary relations] Stroitel'stvo kommunizma i tovarno-denezhnye otnosheniia. Moskva, Izd-vo "Znanie," 1962. 46 p. (Novoe v zhizni, nauke, tekhnike. III Seriia. Ekonomika, no. 10)

Bliumin, I. G. [Criticism of bourgeois economics] Kritika burzhuaznoi politicheskoi ekonomii. Moskva, Izd-vo Akad. nauk SSSR.

Vol. I. [Subjective school in bourgeois economics] Sub'ektivnaia shkola v burzhuaznoi politicheskoi ekonomii. 1962. 871 p.

Conference at the G. V. Plekhanov Institute of National Economy in Moscow. A. Dariabin. Nauch. dokl. vys. shkoly; ekon. nauki no. 5:100-106 '62.

P. N. Tkachev's economic views. O. Pastravich. Nauch. dokl. vys. shkoly, ekon. nauki no. 5:87-94 '62

ECONOMICS—BIBLIOGRAPHY see Bibliography—Economics

ECONOMICS—STUDY AND TEACHING

Economic problems in courses and graduation projects. M. I. Idel'son. Sred. spets. obr. 9 no. 9:20-24 S '62.

Economics training of students during the study of special subjects. A. N. Sviridov. Sred. spets. obr. 9 no. 9: 15-20 S '62.

Efficiency of economics lessons in technical schools. N. F. Bokareva. Sred. spets. obr. 9 no. 9:13-17 S '62.

Kommunisticheskaia partiia Sovetskogo Soiuza. Vysshaia partiinaia shkola. Kafedra sovetskoi ekonomiki. Course outline on the economics of socialist agriculture for state farm and collective farm workers studying in elementary economics groups and schools with production training] Programma po osnovam ekonomiki sotsialisticheskogo sel'skogo khoziaistva dlia rabochikh sovkhozov i kolkhoznikov, zanimaiushchikhsia v nachal'nykh ekonomicheskikh kruzhkakh i shkolakh proizvodstvennogo obucheniia. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1962. 15 p.

ECONOMICS, MATHEMATICAL

Economic-mathematical model of the distribution of agricultural production in the regions of the country. V. S. Mikheeva. Vest. Mosk. un. Ser. 5 Geog. 17 no. 5: 12-17 S-O '62.

Using mathematical methods and electronic calculating machines in establishing a production program for multiple-article production. F. I. Bisshtok, L. I. Smoliar. Vest. mashinostr. 42 no. 10:74-77 O '62.

ECZEMA

Dermatitis and eczema caused by capron and nylon. P. M. Leonenko. Zdrav. Bel. 8 no. 5:41-42 My '62.

EDISON, THOMAS ALVA, 1847-1931
With Edison's autograph. M. Radovskii. Nauka i zhizn' 29 no. 9, 95 S '62

EDNERAL, FEDOR PROKOF'EVICH, 1902-
F P Edneral's 60th birthday Stal' 22 no. 10 959 O '62

EDUCATION
(see also subdivision under Buryat-Mongolia, Cuba, Ukraine, Vologda Province)
Facts and figures Vest vys shkoly 20 no. 10 95 O '62.
Fedoniuk, K. E. [How district soviets supervise public education and carry out educational and cultural work] Deiatel'nost' raionnogo Soveta po rukovodstvu narodnym obrazovaniem i kul'turno-prosvetitel'noi rabotoi. Otv. red. B. M. Babii. Moskva, Gosiurizdat, 1962. 70 p. (Bibliotechka rabotnika raionnogo Soveta)
For workers in schools with longer hours. B. Vul'fov. Shkola-int. no. 5:90-91 S-O '62.
In the schools and groups with longer hours. V. Geim, N. Aristova, G. Solnyshkina. Shkola-int. no 5:40-44 S-O '62.
M. I. Kalinin's and N. K. Krupskaia's speeches devoted to the problems of cultural development. Submitted by L. M. Zak, T. I. Markelova. Ist. arkh. 8 no. 1, 36-56 Ja-Ag '62.

EDUCATION—BIBLIOGRAPHY see Bibliography—Education

EDUCATION—EXHIBITIONS AND MUSEUMS
Organization of exhibitions to display the results of work in the school training and experimental plot, methodical work to aid the instructor. V. P. Marfutina. Izv. Vor. gos. ped inst 38 93-108 '61.

EDUCATION, COOPERATIVE
(see also subdivision under Sverdlovsk Province)
Combining study with productive work as the most important principle of communist education. D. M. Tveritinov. Khim. v shkole 17 no. 4:38-44 Jl-Ag '62.
Connection between the general subjects and vocational training is the work basis of pedagogical personnel M. Pimenov. Shkola i proizv 6 no 10:87-88 O '62
Experience of innovators should be included in industrial training. S. Batyshev. Sred. spets. obr. 9 no. 9:34-36 S '62.
Practical training is an integral part of higher geographical education. I. F. Antonova. Vest. Mosk. un. Ser. 5: Geog. 17 no. 5 52-56 S-O '62.
Production instruction and vocational training of students. P. Gaman. Shkola-int. no. 5, 63-65 S-O '62.
Theory and practice, their place in education. Vest. vys. shkoly 20 no. 10:31-39 O '62.
Training grade 9-11 students to solve constructive practical problems. I. A. Kurkin. Dokl. APN no. 3: 5-8 '62.
Wages of students and instructors attending individual and brigade instruction courses in enterprises. V. Nikolaev. Sots. trud 7 no. 8:137-139 Ag '62.
Work of senior students under the conditions of specialized and assembly-line production. R. A. Medvedev. Dokl. APN no. 3:17-20 '62.

EDUCATION, ELEMENTARY
(see also subdivision under Bessarabia)
Russia (1917- R.S.F.S.R.) Ministerstvo prosveshcheniia. [Programs of the eight-year school, elementary grades] Programmy vos'miletnei shkoly, nachal'nye klassy. Moskva, Uchpedgiz, 1962. 182 p.

EDUCATION, HIGHER
[Bulletin of the Ministry of Higher and Secondary Specialized Education of the U. S. S. R.] Biul. Min. vys. i sred. spets. obr. SSSR no. 11 N '62.
Goals and problems of higher education. M. G. Chilikin, Chou P'ei-yuan. Vest. vys. shkoly 20 no 10: 18-26 O '62.
Path to knowledge and science. Vest. vys. shkoly 20 no 10:40-46 O '62
Problems of the development of a scientific philosophy. Vest. vys. shkoly 20 no. 10:46-53 O '62.
Wide or narrow specialization? Vest. vys. shkoly 20 no. 10:54-60 O '62.

EDUCATION, HIGHER—CONGRESSES
All knowledge and forces should serve the protection of peace and humanity; at the concluding meeting of the symposium. Vest. vys. shkoly 20 no. 10:85-90 O '62.
Let's apply science and higher education to the good of humanity. Vest. vys. shkoly 20 no. 10, 4-5 O '62.
Let's make culture, education and science accessible to the whole nation, speech of K. N. Rudnev, Deputy Chairman of the Council of Ministers of U. S. S. R. at the opening of the International Symposium of Scholars on Problems of Higher Technical and Liberal Education. Vest. vys. shkoly 20 no. 10, 5-6 O '62.
Welcome of N. S. Khrushchev, Chairman of the Council of Ministers of the U. S. S. R. to the participants of the international symposium of scholars on problems of higher technical and liberal education. Vest. vys. shkoly 20 no. 10:3 O '62.

EDUCATION, HIGHER—PERIODICALS
Representatives of fraternal periodicals at the symposium Vest vys shkoly 20 no 10 90 O '62

EDUCATION OF CHILDREN see subdivision under Mongolia

EFFICIENCY, INDUSTRIAL
(see also subdivision under Alma-Ata, Kazakhstan, White Russia)
The best in the profession. Put' i put. khoz. 6 no. 10: 13 O '62.
Communism is created by the millions. A. Blatin. Sov. profsoiuzy 18 no. 20:31-33 O '62.
Creative mind N. Viktorov. Pozh delo 8 no. 10, 22-23 O '62.
Efficiency promoters of track machinery stations. N. N. Kuznetsov. Put' i put. khoz. 6 no. 10:40-42 O '62.
The globe has been made for happiness. O. Nikolaev. Mol. kommun. no 10 36-41 O '62
Leader of a progressive brigade. F. K. Odnobokov. Put' i put. khoz. 6 no. 9:28 '62.
Petrov, P. S. [The sprouts of communism] Rostki kommunizma. Moskva, Sovetskaia Rossiia, 1962. 86 p.
They will succeed in achieving their goal. IU. IAkovlev. Mest. prom. i khud. promys. 3 no. 8:4-5 Ag '62.
Useful proposals of Makhachkala Division track workers. IU. IA. Koniakhin Put' i put. khoz. 6 no. 9:31-32 '62.

EFIMOV, VLADIMIR PETROVICH, 1915-1962
V. P. Efimov, obituary. Prihorosti osenie no. 10:32 O '62.

EGGS—PRODUCTION see subdivision under Ukraine

EGYPT—FOREIGN RELATIONS—RUSSIA
Bondarevskii, G. L. [Relations between Russia and Egypt at the end of the 19th century, according to archival data] Russko-egipetskie otnosheniia v kontse XIX veka, po arkhivnym dannym Moskva, Izd-vo vostochnoi lit-ry, 1960. 12 p (RPB)

EGYPT—IVORY
Ivory in ancient Egypt. Kh. A. Kink. Vest. drev. ist. no. 3, 134-140 '62.

EGYPT—LABOR AND LABORING CLASSES
Condition of the working class in Egypt during the Second War, 1939-1945 [with summary in English. p. 233-234]. L. A. Leonov. Nar. Az. i Afr. no 5, 92-102 '62.

EGYPT—LAND TENURE
Savel'eva, T. N. [Agrarian system in Egypt during the Old Kingdom] Agrarnyi stroi Egipta v period Drevnego tsarstva. Moskva, Izd-vo vostochnoi lit-ry, 1962. 201 p.
"Studies on the history of land tenure in Hellenistic Egypt" by K. K. Zel'in. Reviewed by O. O. Kriuger. Vest. drev. ist. no. 3:155-159 '62.

EGYPT—TECHNICAL ASSISTANCE, RUSSIAN
Under the pyramids... E. Parnov. Mol. mira no. 6: 14-15 '61.

EIGENFUNCTIONS
Asymptotic formulas of eigenfunctions and eigenvalues in the case of periodic boundary conditions. P. I. Khristichenko. Trudy AN Tadzh. SSR 109:100-106 '61.
Expansion in eigenfunctions of a nonself-adjoint system of differential equations all along the axis. M. Gimadislamov. Dokl. AN SSSR 146 no. 3:519-522 S '62.
Expansion in eigenfunctions of ordinary linear differential operators in a finite interval. A. P. Khromov. Dokl. AN SSSR 146 no. 6:1294-1297 O '62.

EIGENVALUES
Asymptotic formulas of eigenfunctions and eigenvalues in the case of periodic boundary conditions. P. I. Khristichenko. Trudy AN Tadzh. SSR 109:100-106 '61.

EKATERINOSLAV GOVERNMENT—PEASANTRY
Kir'ianov, IU. I. [Peasantry of Ekaterinoslav Government during the First World War, 1914-1916; materials of the May session, 1960] Krest'ianstvo Ekaterinoslavskoi gubernii v gody pervoi mirovoi voiny, 1914-1916 gg.; materialy k maiskoi sessii 1960 gg. Moskva, In-t istorii Akad. nauk SSSR, 1960. 34 p. (MH)

ELASTIC PLATES AND SHELLS
Approximate determination of stress concentration around curvilinear holes in shells [with summary in English]. O. M. Guz'. Prykl. mekh. 8 no. 6:805-812 '62.
Bending of a plate with a hole in which is soldered a rigid washer. O. M. Averin, E. F. Burmistrov. Prykl. mekh. 8 no. 6:675-679 '62.
Bending of a rectangular plate fastened along two opposite edges and subjected to arbitrary loading. E. G. Goloskokov, P. G. Goloskokov. Izv. AN SSSR, Otd. tekh. nauk. Mekh. i mashinostr. no. 5:142-146 S-O '62.
Brittle fracture of a plate having two neighboring holes [with summary in English]. M. IA. Leonov, L. V. Onyshko. Prykl. mekh. 8 no. 6:830-844 '62.
Creep of a cylindrical shell in the end-effect zone [with summary in English]. I. V. Stasenko. Prykl. mekh. 8 no. 6 665-670 '62.
Design of shells of rotation on uniform elastic foundations. V. S. Chernina. Izv AN SSSR, Otd. tekh. nauk. Mekh. i mashinostr. no. 5:95-101 S-O '62.
Effect of a live load on a conic shell. I. S. Gerasimov. Izv. vys. ucheb. zav., mat. no. 4:33-37 '62.
Problem of the strength of a shell reinforced with stiffening ribs [with summary in English] M. I. Karpov. Prykl. mekh. 8 no. 6 619-626 '62.
Stress concentration around a circular hole in which is soldered a spherical anisotropic washer. V. G. Karnaukhov. Prykl. mekh. 8 no. 6:679-682 '62.
Stressed and strained state of an annular plate in the postcritical stage [with summary in English]. IA. F. Kaiuk. Prykl. mekh. 8 no. 6:597-604 '62.
Stressed state of an open circular cylindrical shell with fastened rectilinear edges. K. A. Razzhivin. Izv. AN SSSR Otd. tekh. nauk. Mekh. i mashinostr. no. 5:117-120 S-O '62.

ELASTIC PLATES AND SHELLS—VIBRATION
Nonlinear vibrations of elastic panels caused by random loading. M. F. Dimentberg. Izv. AN SSSR, Otd. tekh. nauk. Mekh. i mashinostr. no. 5:102-110 S-O '62.
Vibrations of an annular plate with reinforced edge under the action of periodic loading [with summary in English]. M. M. Borodachov Prykl. mekh. 8 no. 6 592 596 '62.

ELASTIC RODS AND WIRES
Propagation of load waves in a viscous elastoplastic rod [with summary in English]. S. O. Leonov. Prykl. mekh. 8 no. 6 645-652 '62.
Theory of the bending of rods in time considering plastic deformations in the compression zone [with summary in English]. V. F. IAtsenko. Prykl. mekh. 8 no. 6 658-664 '62.

ELASTIC WAVES
Propagation of load waves in a viscous elastoplastic rod [with summary in English]. S. O. Leonov. Prykl. mekh. 8 no. 6:645-652 '62.

ELASTICITY
Applying the method of Fourier transformations to the derivation of fundamental solutions to systems of equations in the theory of elasticity. Trudy AN Tadzh. SSR 100, 92-99 '61.
Axisymmetric problem in thermoelasticity. V. A. Shachnev. Izv. AN SSSR Otd. tekh. nauk. Mekh. i mashinostr. no. 5:75-79 S-O '62.
Calculation of relaxation spectra with the aid of Stiltjes's transformation. T. D. Shermergor. Izv. vys. uch. zav. fiz. 3:106-113 '62.
Determining the stiffness characteristics of yarn in stretching. A. N. Solov'ev. Izv. vys. ucheb zav. tekh. tekst. prom. no. 4:18-25 '62.
Distribution of elastic constants in quasi-isotropic polycrystals. S. D. Volkov, N. A. Klinskikh. Dokl. AN SSSR 146 no. 3:565-568 S '62.
Propagation of elastic waves in stratified isotropic elastic media. T. IA. Barinova. Trudy AN Tadzh. SSR 109:107-143 '61.
Solution of the contact problem in thermoelasticity in case of an axial symmetry N. M. Borodachev. Izv AN SSSR Otd. tekh. nauk Mekh i mashinostr no 5 86-90 S-O '62.
Some applications of the method of expansion of delta functions in plane waves. D. Murtazaev. Trudy AN Tadzh. SSR 109:76-91 '61

ELBRUS, MOUNT—GEOMORPHOLOGY
Glacial and geomorphological studies in the area of the northern slope of Mount Elbrus. L. M. Rudakov. Inform. sbor. o rab. Geog. fak, Mosk. gos. un. po Mezhdunar. geofiz. godu no. 2 99-116 '58.

ELBRUS, MOUNT—GLACIERS
Basic types of deposits of a nivation-glacier complex in the Mount Elbrus region. E. M. Shcherbakova. Inform. sbor. o rab. Geog. fak, Mosk. gos. un. po Mezhdunar. geofiz. godu no. 2:167-183 '58.
Features of the thawing of the glaciers on the southern slope of Mount Elbrus. E. S. Troshkina. Inform. sbor. o rab. Geog. fak, Mosk. gos. un. po Mezhdunar. geofiz. godu no. 2 83-91 '58.
Glacial and geomorphological studies in the area of the northern slope of Mount Elbrus. L. M. Rudakov. Inform. sbor. o rab. Geog. fak, Mosk. gos. un. po Mezhdunar. geofiz. godu no. 2, 99-116 '58.
Glacial retreat of Mount Elbrus and its dynamics. G. K. Tushinskii. Inform. sbor. o rab. Geog. fak. Mosk. gos. un. po Mezhdunar. geofiz. godu no. 2:117-166 '58.
History of the study of the present-day glaciation of Mount Elbrus, V. B. Nefedova. Inform. sbor. o rab. Geog. fak. Mosk. gos. un. po Mezhdunar. geofiz. godu no. 2: 5-22 '58.

ELBRUS, MOUNT—PHOTOGRAPHIC SURVEYING
Results of processing the repeated phototheodolite surveys of 1956-1957 conducted on the glaciers of the southern slope of Mount Elbrus. A. V. Brikhanov. Inform. sbor. o rab. Geog. fak. Mosk. gos. un. po Mezhdunar. geofiz. godu no. 2:73-82 '58.

ELBRUS, MOUNT—SNOW

Water vapor migration and recrystallization processes in the snow cover layer. G. M. Guvaeva, G. K. Sulakvelidze. Inform. sbor. o rab. Geog. fak. Mosk. gos. un. po Mezhdunar. geofiz. godu no. 2:191-200 '58

ELBRUS, MOUNT—SOILS

Structural soils of the Terskol section of the southern slope of Mount Elbrus based on materials from 1957 observations. K. M. Riabtseva. Inform. sbor. o rab. Geog. fak. Mosk. gos. un. po Mezhdunar geofiz. godu no. 2:92-98 '58.

ELBRUS, MOUNT—VOLCANOES

Recent data on the geology and the history of the formation of the Elbrus volcanoes. N. V. Koronovskii, E. E. Milanovskii. Inform. sbor. o rab. Geog. fak. Mosk. gos. un. po Mezhdunar. geofiz. godu no. 2 23-72 '58.

ELECAMPANE

Action of Japanese elecampane on kidney function. K. V. Drake. Trudy Khab. med. inst. no. 20 193-200 '60.

Action of Japanese elecampane on vascular permeability. V. I. Kirilina. Trudy Khab. med. inst. no. 20:207-211 '60.

Pharmacology of Japanese elecampane. A. Z. Pololneva, A. V. Zvereva. Trudy Khab. med. inst. no. 20 201-206 '60.

ELECTRETS

Adsorptive charge component of an electret. O. A. Miazdrikov. Izv. LETI 59 no. 46 289-293 '62.

Concerning the structure of polarization fixing substances. Iu. G. Pliner, V. Kh. Kozlovskii. Izv. LETI 59 no. 46 303-307 '62.

Electrets and some possible practical uses. V. E. Manoilov, O. A. Miazdrikov. Izv. LETI 59 no. 46: 289-293 '62.

Memory mechanism of an electret detector in integral operation. O. A. Miazdrikov. Izv. LETI 59 no. 46 294-299 '62.

ELECTRIC ACCIDENTS see Electricity, Injuries from

ELECTRIC APPARATUS AND APPLIANCES

Accelerate the development and manufacture of electrical equipment for use in rural areas. S. G. Iosipian. Vest. elektroprom. 33 no. 9:14-17 S '62.

Electroluminescent panels. V. I. Dolgopolov and others. Svetotekhnika 8 no. 11:24-26 N '62.

Means for increasing the reliability and useful life of electrical equipment. A. A. Rabinovich. Vest. elektroprom. 33 no. 9:67-70 S '62.

Pickups as the "sense organs" of automatic machines. L. Grinliev. Nauka i zhizn' 29 no. 6:61-62 Je '62.

ELECTRIC ARC

Use of an electric arc for rock boring. A. V. Brichkin, A. V. Bolotov. Izv. vys. ucheb. zav.; tsvet. met. 5 no. 5:7-14 '62.

ELECTRIC BATTERIES

The VAZ-50-125 charging unit. A. D. Litvinov. Biul. tekh.-ekon. inform. Gos. nauch.-issl. inst. nauch. i tekh. inform. no. 10:67-68 '62.

ELECTRIC BRUSHES see Brushes, Electric

ELECTRIC CABLES

Economical communications and wire broadcasting cables. K. A. Liubimov, M. I. IArmak. Vest. elektroprom. 33 no. 9:10-13 S '62.

Underground 500 volt cable networks for rural electric power distribution. R. V. Kulakova, A. G. Mirzoev. Vest. elektroprom. 33 no. 9:7-10 S '62.

Units for transporting and laying cable. A. S. Zharkov, K. E. Nikul'shin. Mont. i spets. rab. v stroi. 24 no. 10 14-16 O '62.

ELECTRIC CABLES—HANDBOOKS, MANUALS, ETC.

"Handbook on wires and power cables" by Kh. R. Malkin and others. Reviewed by Iu. N. Van-Gaut. Vest. elektroprom. 33 no. 9:77 S '62.

ELECTRIC CAPACITANCE

Measurement of differential capacity on mercury during the catalytic evolution of hydrogen. D. I. Dzhaparidze, G. A. Tsiteradze. Izv. AN SSSR. Otd. khim. nauk no. 10 1718-1722 O '62.

ELECTRIC CIRCUITS

Application of special operations in problems involving the analysis and synthesis of linear electric circuits [with summary in English]. K. A. Mishina, A. S. Alekseev. Izv. vys. uchob. zav.; radiofiz. 5 no. 5:1009-1016 '62.

Possibility for using liquid dischargers in high-voltage nanosecond pulse circuits. G. A. Mesiats, G. A. Vorob'ev. Izv. vys. uch. zav.; fiz. 3:21-23 '62.

ELECTRIC COILS

Savul'kin, A. E., and R. L. Satanovskii. [Automation of potentiometer and toroidal coil winding operations on transfer machines] Avtomatizatsiia protsessa namotki potentsiometrov i toroidov na stankakh rotornogo klassa. Leningrad, 1962. 17 p. [Leningradskii dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom, Seriia: Pribory i elementy avtomatiki, no. 4)

ELECTRIC CONDUCTIVITY

Conductance of melts of reciprocal pairs of salts. System K, Rb ‖ Cl, Br. B. F. Markov, V. F. Pristazhnyi. Ukr. khim. zhur. 28 no. 3,118 '62.

Nature of the electroconductivity of beryllium, magnesium, calcium and strontium oxides at high temperatures. S. F. Pal'guev, A. D. Neuimin. Fiz. tver. tela 4 no. 5: 855-860 Ap '62.

Some regularities of electron passage through solids. A. IA. Vlasikin, A. N. Pilankevich. Fiz. tver. tela 4 no. 4, 1038-1045 Ap '62.

ELECTRIC CONTROLLERS

Analytical design of controllers. Part V [with summary in English] Avtom. i telem. 23 no. 11:1105-1113 N '62.

Changing the circuit of the ER-111-54 controller for operating with radioisotope pickups. A. T. Lebedev. Priborostroenie no. 10, 25-26 O '62.

Electromechanical correction attachment for two-position control instruments. A. S. Kliuev. Priborostroenie no. 10:6-7 O '62.

Gorbunov, V. A. [Apparatus for the electrical networks of automatic control systems; reference materials] Apparatura elektroskhem avtomatizatsii; spravochnye materialy. Moskva, Mashgiz, 1962. 334 p.

Krug, E. K., and O. M. Minina. [Electrical controllers in industrial automatic control systems] Elektricheskie regulatory promyshlennoi avtomatiki. Moskva, Gosenergoizdat, 1962. 334 p.

ELECTRIC CRANES

Crane drive with electromagnetic powder clutches. M. IA. Khabenskii. Stroi. i dor. mash. 7 no. 9:4-7 S '62.

ELECTRIC CURRENT CONVERTERS

Compensation of the reactive power of inverter systems. M. A. Chernyshov. Elek. i tepl. tiaga 6 no. 8, 44-45 S '62.

Neiman, L. R., and others. [D. C. transmission lines as elements of power systems] Elektroperedacha postoiannogo toka kak element energeticheskikh sistem. Moskva, Izd-vo Akad. nauk SSSR, 1962. 340 p.

Tarashchanskii, M. M. [Synchronous-reactive frequency converters] Sinkhronno-reaktivnyo preobrazovateli chastoty. Kiev, Gostekhizdat, USSR, 1962. 178 p.

ELECTRIC CURRENT RECTIFIERS

Detection operation of transistor diodes. V. I. Samoilenko. Trudy MAI no. 150:5-10 '62.

Erosionless opening of the contactors regulating rectifier-contact converters. V. V. Krasavin. Izv. vys. ucheb. zav., gor. zhur. 5 no. 8:145-149 '62.

Parallel operation of rectifiers and ionic frequency converters. S. M. Katsnel'son. Izv. vys. ucheb. zav.; elektromekh. 5 no. 6:686-690 '62.

Protection of silicon rectifier systems of electric rolling stock. IU. E. Zavadskii, O. E. Karelov. Vest. elektroprom. 33 no. 9:34-37 S '62.

A rectifier and rectifier control network of a frequency converter. A. V. Rubchinskii. Vest. elektroprom. 33 no. 9:41-48 S '62.

Selenium rectifiers for continuous charging of storage batteries. K. F. Kharitonov, G. S. Mikhailov, M. P. Grobivker. Energetik 10 no. 8, 16-17 Ag '62.

Shcherbakov, O. K., and M. A. Terekhin. [Design of stabilized rectifying devices for electronic computers] Inzhenernyi raschet stabilizirovannykh vypriamitel'nykh ustroistv dlia vychislitel'nykh mashin. Moskva, Izd-t tochnoi mekhaniki i vychislitel'noi tekhniki Akad. nauk SSSR, 1961. 16 p. (Elektronnye vychislitel'nye mashiny)

The VAK-25000/450 semiconductor rectifier system. K. IA. Ananiev, P. I. Lapchenko. Vest. elektroprom. 33 no. 9:78 S '62.

ELECTRIC CUTOUTS

Concerning the operation of ORU 35-110 kv. line disconnecting switches operating in districts with air pollution. T. P. Musatov, A. S. Kolendovskii. Energetik 10 no. 8:4-6 Ag '62.

ELECTRIC DIPOLE MOMENTS see Dipole moments

ELECTRIC DISCHARGES

Development of a discharge with a hot cathode in the presence of a linearly varying voltage. IU. A. Bystrov. Izv. LETI 59 no. 46:20-41 '62.

Helical instability of a toroidal discharge in a variable magnetic field [with summary in English]. A. P. Babichev, A. I. Karchevskii, IU. A. Muromskin. Zhur. eksp. i teor. fiz. 43 no. 3:881-885 '62.

Quenching of an arc discharge by a transverse magnetic field. A. A. Potsar, V. V. Chernigovskii. Izv. LETI 57 no. 39:105-111 '59.

ELECTRIC DISCHARGES THROUGH GASES

Effect of a transverse magnetic field on a toroidal discharge. L. A. Artsimovich, K. B. Kartashev. Dokl. AN SSSR 146 no. 6:1305-1308 O '62.

Effect of an external magnetic field on the light characteristics of a pulsed discharge in helium [with summary in English]. S. I. Andreev, M. P. Vanukov, A. T. Starovoitov. Zhur. eksp. i teor. fiz. 43 no. 3:804-807 '62.

Some characteristics of a generator operating on a neon-helium mixture. N. G. Basov, E. P. Markin, D. I. Mash. Zhur. eksp. i teor. fiz. 43 no. 3:1116-1117 '62.

ELECTRIC DRIVING

Calculation of the stopping accuracy of an electric drive using the design data of the asynchronous motor and fixation of the alternating current. G. M. Belichenko. Izv. vys. ucheb. zav. ,elektromekh. 5 no. 6:659-665 '62.

Chulkov, N. N. [Small asynchronous electric drives for use in mines and means for regulating them] Asinkhronnyi rudnichnyi elektroprivod maloi moshchnosti i sposoby ego regulirovaniia. Moskva, Gosgortekhizdat, 1961. 162 p.

Electrical simulation of the dynamics of the drive of a mechanism with reduced varying moment of inertia. F. M. Shlykov and others. Izv. vys. ucheb. zav. ,elektromekh. 5 no. 6:602-610 '62.

Investigating the system of a speed-controlled synchronous drive. M. Z. Khamudkhanov, M. Khusanov. Izv. AN Uz. SSR. Ser. tekh. nauk 6 no. 5:23-37 '62.

New stabilizing networks for industrial electric drives. D. A. Kaminskaia. Izv. vys. ucheb. zav. ,elektromekh. 5 no. 7:788-795 '62.

Performance of an asynchronous electric drive with an electromagnetic sliding clutch under constant power conditions. L. B. Geller, IA. I. Onatskii. Izv. vys. ucheb. zav., energ. 5 no. 9:43-50 S '62.

Pugovkin, P. R. [Powder magnetic clutch for an electric drive] Elektromagnitnaia poroshkovaia mufta dlia elektroprivoda. Leningrad, 1962. 26 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia. Mekhanicheskaia obrabotka, no. 12)

Some problems concerning the theory of electric drives including links with distributed parameters. IA. B. Kadymov, B. A. Listengarten. Trudy ENIN AN Azerb. SSR 15:122-140 '62.

ELECTRIC ENGINEERING

Andrievskii, S. K., and A. L. Bartnovskii. [Practical manual for electrical engineering; a textbook for grade 10 of the secondary school] Praktikum po elektrotekhnike; uchebnoe posobie dlia uchashchikhsia X klassa srednei shkoly. Izd. 3., perer. Moskva, Gos. uchebno-pedagog. izd-vo, 1960. 101 p. (TNJ)

Andrievskii, S. K. and A. L. Bartnovskii. [Practical manual for electrical engineering; a textbook for grade 10 of the secondary school] Praktikum po elektrotekhnike; uchebnoe posobie dlia X klassa srednei shkoly. Izd. 2, Moskva, Gos. uchebno-pedagog. izd-vo, 1950. 229 p. (TNJ)

Concerning the use of mathematical methods in electrical engineering calculations. V. F. Krapivin, G. B. Linkovskii. Izv. vys. ucheb. zav., energ. 5 no. 9:117-118 S '62.

ELECTRIC ENGINEERING—ABSTRACTS

[Electrical engineering and electric power] Ref. zhur.: Elektrotekh. i energ. no. 20 O '62.

ELECTRIC ENGINEERING—CONGRESSES

The Eighth All-Russian Electrical Engineering Congress, October 1-10, 1921. Izv. LETI 59 no. 46 3-13 '62.

ELECTRIC ENGINEERING—DICTIONARIES

Ginzburg, M. L., and others, comps. [German-Russian electrical engineering dictionary] Nemetsko-russkii elektrotekhnicheskii slovar. Izd. 2., stereotipnoe. Moskva, Fizmatgiz, 1962. 1080 p. [MICROFILM]

ELECTRIC ENGINEERING—HANDBOOKS, MANUALS, ETC.

[Electrical engineering handbook] Elektrotekhnicheskii spravochnik. 3., perer. i dop. izd. Pod obshchei red. A. T. Golovana i dr. Moskva, Gosenergoizdat, Vol. 1, 1962. 732 p.

ELECTRIC ENGINEERING—MATERIALS

Nonsymmetrical systems for shaping anode foil using alternating current. M. M. Alerner. Izv. vys. ucheb. zav.; energ. 5 no. 9:35-42 S '62.

ELECTRIC ENGINEERING—PERIODICALS

A conference of our readers. Energetik 10 no. 8:36 Ag '62.

Through the pages of technical periodicals. Energetik 10 no. 8:37-38 Ag '62.

ELECTRIC ENGINEERING—PROBLEMS, EXERCISES, ETC.

Konstantinov, V. I., and A. F. Simonov. [A collection of practical problems and exercises in electrical engineering] Sbornik prakticheskikh primerov i zadach po obshchei elektrotekhnike. Moskva, Vysshaia shkola, 1962. 269 p.

ELECTRIC ENGINEERING—STUDY AND TEACHING

Demonstrating the work of a tracking system. T. N. Metlinev, F. F. Demenskii. Fiz. v shkole 22 no. 4: 65-68 Jl-Ag '62.

Studying tracking transmissions in a course in electric engineering. P. I. Stavskii. Fiz. v shkole 22 no. 4: 51-55 Jl-Ag '62.

ELECTRIC ENGINEERING—TERMINOLOGY

Terminology and determination of the fundamental concepts in electric and radio engineering. N. M. Rozenberg. Shkola i proizv. 6 no. 10: 46-52 O '62.

ELECTRIC EQUIPMENT INDUSTRY see subdivision under Moscow Province

ELECTRIC EQUIPMENT INDUSTRY—QUALITY CONTROL

Some results of quality control in mass production. N. S. Ivanova, IU. I. Sviridov. Svetotekhnika 8 no. 11: 27 N '62.

ELECTRIC FANS see Fans, Electric

ELECTRIC FIELDS

Radiation from a charge moving in an inhomogeneous medium [with summary in English]. V. IA. Eidman. Izv. vys. ucheb. zav., radiofiz. 5 no. 5: 897-900 '62.

ELECTRIC FILTERS

Design of low-pass filters. I. Chekmarev. Radio no. 10: 44-45 O '62.

Fabrikant, V. L. [Filters with symmetrical components] Filtry simmetrichnykh sostavliaiushchikh. 2. izd., perer. Moskva, Gosenergoizdat, 1962. 423 p.

Use of a variable parameter method for calculating the static characteristics of a microwave frequency discriminator. I. G. Kirenskii. Izv. LETI 57 no. 39: 84-97 '59.

ELECTRIC FREQUENCY MEASUREMENTS see Frequency measurements

ELECTRIC FURNACES

Effect of tubular electrodes on thermal processes in electric arc steel smelting furnaces. N. V. Okorokov, L. E. Nikol'skii, A. V. Egorov. Izv. vys. ucheb. zav.; chern. met. 5 no. 9: 105-110 '62.

Krylov, P. A. [Electric salt furnaces and baths] Elektricheskie solianye pechi i vanny. Moskva, Gosenergoizdat, 1962. 103 p. (Biblioteka elektromontera, no. 11)

Portable automatic unit for arc heating of risers of ingots and castings. V. V. Stepanov, N. M. Leleko, Biul. tekh.-ekon. inform. Gos. nauch.-issl. inst. nauch. i tekh. inform., no. 10: 33-35 '62.

Shaft-type resistance furnace for heating hydrogen. A. M. TSirlin, B. D. Voronin, G. IA. Khodov. Biul. tekh.-ekon. intorm. Gos. nauch.-issl. inst. nauch. i tekh. inform., no. 10: 26-30 '62.

ELECTRIC FURNACES—MAINTENANCE AND REPAIR

Sapko, A. I. [Tender and operator of an electric steel smelting plant] Slesar'-mekhanik elektrostaleplavil'nogo tsekha. Moskva, Metallurgizdat, 1962. 100 p.

ELECTRIC FUSES

Types of a.c. power fuses with 3 to 110 kv power rating for use during 1961-1965. Vest. elektroprom. 33 no. 9: 80 S '62.

ELECTRIC GENERATORS

Calculation of electromechanical transient processes as factors in the starting of an asynchronous electric motor by a synchronous generator with a commensurable power rating and automatic excitation regulation dependent on stator current variations. M. M. Rasulov. Trudy ENIN AN Azerb. SSR 15: 141-154 '62.

Choice of the parameters of a compounded controller for generators with variable angular velocity. V. P. Glukhov, R. K. Shmidt. Vest. elektroprom. 33 no. 11: 50-55 N '62.

Design of individually manufactured synchronous generators. A. R. Dero. Izv. LETI 57 no. 39: 209-222 '59.

Meleshkin, G. A. [Marine synchronous generators with automatic voltage regulators] Sudovye sinkhronnye generatory s avtomaticheskim regulirovaniem napriazheniia. Leningrad, Sudpromgiz, 1962. 275 p.

Methods for slowing down low-power generators. F. G. Guseinov, M. I. Kalantarov, I. D. Ismailov. Izv. AN Azerb. SSR, Ser. fiz.-mat. i tekh. nauk no. 2: 69-74 '62.

Operation of asynchronized synchronous generators with superlong electric power transmission lines. Z. K. Sazonova. Vest. elektroprom. 33 no. 11: 44-50 N '62.

Use of an analog computer in studying the stability of a synchronous generator in the small. L. P. Verotennikov, M. M. Raimov. Izv. vys. ucheb. zav. ;elektromekh. 5 no. 7: 798-809 '62.

Vilesov, D. V., and I. A. Riabinin. [Self-exciting synchronous generators on ships] Sudovye samovozbuzhdaiushchiesia sinkhronnye generatory. Moskva, Voenizdat, 1962. 179 p. (Ofitseru VMF)

ELECTRIC INDUSTRIES

From the history of the penetration of foreign capital into the electric industry of Russia: "Great Russian Syndicate of 1899." V. S. Diakin. Trudy LOII AN SSSR, no. 4: 208-239 '62.

ELECTRIC INSULATORS AND INSULATION

Insulation of the wheels of a one-rail truck. K. K. Bobritskii, S. A. Myshkovskii. Put' i put. khoz. 6 no. 10: 42 O '62.

Privezentsev, V. A., and A. O. Magidson. [Artificial and synthetic fibers and films for electrical insulation] Iskusstvennye i sinteticheskie volokna i plenki dlia elektricheskoi izoliatsii. Moskva, Gosenergoizdat, 1962. 111 p. (Polimery v elektroizoliatsionnoi tekhnike, no. 3)

Types and anticipated use in 1961-1965 of armored porcelain standoff insulators for outdoor systems. Vest. elektroprom. 33 no. 11: 78 N '62.

Types of armored porcelain supporting insulators for indoor installations and regulations governing their use during 1961-1965. Vest. elektroprom. 33 no. 9: 79-80 S '62.

ELECTRIC INSULATORS AND INSULATION—TESTING

Standardization of the methods for determining the moisture resistance and waterproofness of electric insulating materials. IU. V. Goncharenko. Standartizatsiia 26 no. 10: 23-27 O '62.

ELECTRIC LABORATORIES see subdivision under Moscow

ELECTRIC LAMPS see subdivision under Moscow

ELECTRIC LAMPS, FLUORESCENT see Fluorescent lamps

ELECTRIC LAMPS, PORTABLE

Gap in the training of a mining engineer. R. IA. Naerov. Izv. vys. ucheb. zav., gor. zhur. no. 9: 185-186 '61.

ELECTRIC LIGHT FIXTURES

A coordinating conference. V. A. Pirlazeva. Svetotekhnika 8 no. 11: 30 N '62.

Newly developed electrical fixtures. E. S. Rozental'. Svetotekhnika 8 no. 11: 28-30 N '62.

A series of overhead light fixtures with incandescent lamps. Svetotekhnika 8 no. 11: 32 N '62.

Some results of quality control in mass production. N. S. Ivanova, IU. I. Sviridov. Svetotekhnika 8 no. 11: 27 N '62.

ELECTRIC LIGHTING
(see also subdivision under France)

Calculation of illumination from an inclined plane light source. R. Kittler, Sh. Ondrelchka. Svetotekhnika 8 no. 8: 11-13 S '62.

Concerning V. N. Mikhailova's article "Electric lighting in industrial buildings having no windows or skylights." Svetotekhnika 8 no. 9: 24 S '62.

Dependence of the threshold contrast of brightness on the dimensions and shape of the object. I. M. Kokorin. Svetotekhnika 8 no. 9: 1-10 S '62.

Electric lighting control networks. V. P. Stepanov. Energetik 10 no. 8: 26-28 Ag '62.

Electric lighting in classrooms with decreased ceiling height. E. B. Sheftel'. Svetotekhnika 8 no. 9: 28 S '62.

Quantitative criterion on spectral conformity and its use in lighting engineering calculations. A. M. Gurvich. Svetotekhnika 8 no. 9: 17-20 S '62.

Role and tasks of the All-Union Lighting Engineering Institute. T. K. Glazunov, S. G. Urov. Svetotekhnika 8 no. 11: 3-9 N '62.

Some industrial methods for conducting electric lighting network wiring operations. L. A. Raitsel'skii. Svetotekhnika 8 no. 9: 21-24 S '62.

Through the pages of foreign periodicals. Svetotekhnika 8 no. 9: 32 S '62.

Through the pages of foreign periodicals. Svetotekhnika 8 no. 11: 31 N '62.

ELECTRIC LIGHTING—CONGRESSES

A coordinating conference. V. A. Pirlazeva. Svetotekhnika 8 no. 11: 30 N '62.

ELECTRIC LINES

Brief news. Energetik 10 no. 8: 34-35 Ag '62.

Determination of the forces of a compression effect. L. V. Bronshtein. Izv. vys. ucheb. zav. ;elektromekh. 5 no. 7: 724-729 '62.

Variable conditions for the selection of parameters of bridging reactors for remote a.c. transmissions. G. D. Pospelov, I. A. Fedorova. Izv. AN Uz. SSR, Ser. tekh. nauk 6 no. 5: 13-22 '62.

Volchinskii, S. D., M. V. Kudriavtsev, and V. N. Stepanov. [Electrical networks and power systems] Elektricheskie seti i energosistemy. Moskva, Transzheldorizdat, 1962. 318 p.

ELECTRIC LINES—CORROSION

Lortkipanidze, B. G. [D. C. networks with leakage and electrical protection from corrosion] TSepi postoiannogo toka s utechkoi i elektricheskaia zashchita ot korrozii. Tbilisi, Izd-vo Akad. nauk Gruzinskoi SSR, 1962. 287 p.

ELECTRIC LINES—HANDBOOKS, MANUALS, ETC.

"Handbook on wires and power cables" by Kh. R. Malkin and others. Reviewed by IU. N. Van-Gaut. Vest. elektroprom. 33 no. 9: 77 S '62.

ELECTRIC LINES—OVERHEAD

Concerning the grounding of the pole guys of overhead lines with voltages up to 1,000 volts. IU. V. Bakhir. Energetik 10 no. 8: 20-21 Ag '62.

Contribution to the theory on the damping of electric lines. N. M. Budnitskii. Izv. LETI 59 no. 46: 265-271 '62.

Dolin, P. A. [Work on operating overhead electric power transmission lines; clarifications for chapter IV of "Safety Engineering Regulations for Operating Overhead Power Transmission Lines with Voltages in Excess of 1,000 volts."] Rabotypod napriazheniem na vozdushnykh linliakh elektroperedachi; polasnenila k glave IV "Pravil tekhniki bezopasnosti pri ekspluatatsii vozdushnykh linii elektroperedachi napriazheniem vyshe 1 000 v." Izd. 2., perer. . Moskva, Gosenergoizdat, 1962. 109 p.

Kaplakin, R. N. [Methods of calculating the resistance of a.c. traction networks] Metodika rascheta soprotivlenii tiagovykh setei peremennogo toka. Moskva, Transzheldorizdat, 1962. 36 p.

Study of the vibration of damped wires of high-voltage overhead power transmission lines. N. M. Budnitskii. Izv. LETI 57 no. 39: 223-249 '59.

Temperature dependence of the point of inflection of the sag curve of a freely suspended wire. IU. V. Linke. Trudy MIIT no. 144: 208-211 '62.

ELECTRIC LINES—POLES AND TOWERS

Fastening and protection of wooden poles. M. G. Berlin. Tekh. v sel'khoz. 22 no. 8: 35 Ag '62.

ELECTRIC LINES—UNDERGROUND

Economical communications and wire broadcasting cables. K. A. Liubimov, M. I. IArmak. Vest. elektroprom. 33 no. 9: 10-13 S '62.

Lortkipanidze, B. G. [D. C. networks with leakage and electrical protection from corrosion] TSepi postoiannogo toka s utechkoi i elektricheskaia zashchita ot korrozii. Tbilisi, Izd-vo Akad. nauk Gruzinskoi SSR, 1962. 287 p.

Underground 500 volt cable networks for rural electric power distribution. R. V. Kulakova, A. G. Mints. Vest. elektroprom. 33 no. 9: 7-10 S '62.

ELECTRIC LOCOMOTIVES
(see also subdivision under Poland)

Automatic control system of a six-axle d.c. locomotive. I. I. Nikolaev. Trudy MIIT no. 144: 187-196 '62.

Concerning the operation of the auxiliary machinery of a d.c. locomotive at decreased voltages. V. A. Brylkov. Trudy MIIT no. 144: 197-207 '62.

The ignitrons are being cooled during the technical inspection of an electric locomotive. M. M. Avdeev. Elek. i tepl. tiaga 6 no. 9: 23 S '62.

Mashinoeksport, Vsesoiuznoe ob"edinenie. [The VL23 main-line electric locomotive] Magistral'nyi elektrovoz tipa VL23. [Moskva, n. d.] 31 p.

——— Text in English, German, and French. 46 p.

Method for disconnecting a faulty section of the N4 electric locomotive. V. S. Tananaev. Elek. i tepl. tiaga 6 no. 9: 34-35 S '62.

Some problems concerning the design of electric locomotives. P. A. Zolotarev. Izv. vys. ucheb. zav. ;elektromekh. 5 no. 6: 670-678 '62.

ELECTRIC MACHINERY

Asynchronous condenser-type frequency converter. G. Meikin. Izv. vys. ucheb. zav. ;elektromekh. 5 no. 7: 739-746 '62.

Dynamic stability of machines with longitudinal and transverse field excitation and method for compensating the reactive resistance of the rotor winding. L. B. Zhagrova. Izv. vys. ucheb. zav., energ. 5 no. 6: 1-5 S '62.

Effect of certain mechanical factors on the operation of a slide contact. L. I. Tuktaev, P. T. Maltsev. Izv. vys. ucheb. zav. ;elektromekh. 5 no. 7: 821-834 '62.

Evaluation of sparking and quality control of the collectors of electrical machines. M. F. Karasev, V. P. Smirnov. Izv. vys. ucheb. zav. ;elektromekh. 5 no. 7: 818-823 '62.

Locus diagrams of currents of a two-phase regulated asynchronous machine. V. S. Ryzhkov. Vest. elektroprom. 33 no. 11: 34-40 N '62.

Mechanical causes of switching faults; grinding of the collectors of electrical machines with abrasive bars. N. D. TSaplin. Izv. vys. ucheb. zav. ;elektromekh. 5 no. 9: 705-707 '62.

Principal factors determining the reliability of electrical machines. B. I. Kuznetsov, S. G. Artanov, M. I. Orzhekhovskii. Vest. elektroprom. 33 no. 9: 57-62 S '62.

Theoretical prerequisites for the creation of new types of electrical machinery systems. V. A. Trapeznik. Izv. vys. ucheb. zav., energ. 5 no. 9: 51-56 S '62.

ELECTRIC MACHINERY—COOLING

Heat emission of the stator of an electrical machine. T. G. Sergievskaia. Vest. elektroprom. 33 no. 11: 4-14 N '62.

Problems concerning the cooling of electrical machines. M. I. Zemlianoi, V. V. Maltsev. Vest. elektroprom. 33 no. 11: 1-4 N '62.

ELECTRIC MACHINERY—DIRECT CURRENT

Experience in adjusting the commutation of large d.c. machines without interruption of their operation. A. I. Kolbin. Izv. vys. ucheb. zav. ;elektromekh. 5 no. 6: 702-711 '62.

Study of the magnetic field of the auxiliary poles of d.c. machines subject to overloads and shock loads. V. V. Fetisov. Izv. vys. ucheb. zav. ;elektromekh. 5 no. 6: 693-704 '62.

ELECTRIC MACHINERY—MAINTENANCE AND REPAIR

For a successful completion of the general overhaul of heavy equipment. Energetik 10 no. 8: 1-4 Ag '62.

ELECTRIC MACHINERY—MEASUREMENTS

The 6TS-9 tensometer stand. A. B. Sokolovskii. Vest. elektroprom. 33 no. 9: 73-74 S '62.

ELECTRIC MACHINERY—PATENTS

Russia (1923- U.S.S.R.) Komitet po delam izobretenii i otkrytii. [Inventions; electromechanical engineering] Sbornik izobretenii, elektromashinostroenie. Moskva, TSentr. biuro tekhn. informatsii, 1962. 209 p. (Sbornik otechestvennykh izobretenii)

ELECTRIC MACHINERY—WINDINGS

Testing of insulation between the turns of the armature winding in d.c. machines. M.V.Smirnov, B.A.Kats, V.S.Nikitin. Vest. elektroprom. 33 no.9:70-72 S '62.

ELECTRIC MACHINERY, SYNCHRONOUS—COOLING

Counterflow ventilation system of salient pole synchronous machines. V.M.Birzna and others. Vest. elektroprom. 33 no.11:23-29 N '62.

ELECTRIC MACHINERY, SYNCHRONOUS—WINDINGS

Experimental study of internal short-circuits in synchronous machines with wave windings. Izv.vys.ucheb.zav., elektromekh. 5 no.7:768-777 '62.

ELECTRIC MEASUREMENTS

Determining errors in the measurement of impedances. E.B.Gelnevich, K.B.Karandeev. Trudy inst.Kom. stand.mer i izm.prib. no.57 31-38 '62

Dyinskikh, V.A. [Measuring networks with self-excitation] Izmeritel'nye skhemy s samovozbuzhdeniem. Moskva, Gosenergoizdat, 1962. 47 p.

In the auditoriums of people's universities. Nauka i zhizn' 29 no.9:101 S '62.

Pickups are the "sense organs" of automata. I.Grinilev. Nauka i zhizn' 29 no.9:40 S '62

Some problems concerning the theory of electrokinetic converters. M.S.Kasim-Zade. Trudy ININ AN Azerb.SSR 15:103-121 '62

ELECTRIC METAL CUTTING

Akademiia nauk SSSR. Tsentral'naia nauchno-issledovatel'skaia laboratoriia elektricheskoi obrabotki materialov. [Problems of electrical spark-machining of materials] Problemy elektricheskoi obrabotki materialov. Moskva, Izd-vo Akad. nauk SSSR, 1962. 216 p.

Setting-up of work norms in electric-arc metal cutting operations. A.Liubchenko. Tekh.v sel'khoz. 22 no.8:90-91 Ag '62.

ELECTRIC METERS

New instruments for electric measurements. V.Atabekov. Zhil.-kom.khoz 12 no.5:29-30 My '62.

Podel'skii, L.R., N.I.Cholovskii, and IU.A.Fomin. [Electric meters for registering the consumption of electric power by electrified rolling stock] Schetchiki elektricheskoi energii elektropodvizhnogo sostava. Moskva, Transzheldorizdat, 1962. 115 p.

ELECTRIC METERS—STANDARDS

[Electric measuring devices] Elektroizmeritel'nye pribory. Izd. ofitsial'noe. Moskva, Standartgiz, 1962. 382 p. (SSSR. Gosudarstvennye standarty)

ELECTRIC METERS—TESTING

Compound units for testing and adjusting electric measuring instruments. G.A.Fulikov. Izm.tekh. no.10:45-47 O '62.

ELECTRIC MOTORS

Start of warmed-up electric motors. M.S.Ulitskii. Energetik 10 no.8:32-33 Ag '62.

ELECTRIC MOTORS, DIRECT CURRENT

Devices for temperature control in large d.c. machines. G.K.Nechaev and others. Vest. elektroprom. 33 no.11:31-34 N '62.

Heat consideration in the design of the armature of a d.c. traction motor. V.V.Dubov. Vest. elektroprom. 33 no.11:29-31 N '62.

ELECTRIC MOTORS, INDUCTION

Automatic excitation control of a synchronized asynchronous motor. N.R.Ipatenko. Vest. elektroprom. 33 no.11:40-44 N '62.

Calculation of electromechanical transient processes as factors in the starting of an asynchronous electric motor by a synchronous generator with a commensurable power rating and automatic excitation regulation dependent on stator current variations. M.M.Rasulev. Trudy ININ AN Azerb.SSR 15:141-154 '62.

Calculation of the stopping accuracy of an electric drive using the design data of the asynchronous motor and fixation of the alternating current. G.M.Beltchenko. Izv.vys.ucheb.zav.,elektromekh. 5 no.6:659-665 '62.

Calculation of transient processes of a choke-type asynchronous electric drive. A.V.Golovanov. Izv. LETI 57 no.39:163-175 '59.

Concerning the design of an induction motor with a flat stator for tipping the shuttles of metal-weaving machines. V.I.D'iakov. Vest. elektroprom. 33 no.9:75-76 S '62.

Concerning the reliability of asynchronous motors. O.D. Gol'dberg, T.S.Soroker, I.N.Charakhch'ian. Vest elektroprom. 33 no.9:62-67 S '62.

Experimental study of asynchronous motor valve cascades under laboratory conditions. N.I.Alekseev. Izv.vys. ucheb.zav., gor.zhur. no.10:138-148 '61.

Kutsevalov, V.M. [An asynchronous machine with a solid rotor] Asinkhronnaia mashina s massivnym rotorom. Riga, Izd-vo Akad. nauk Latvilskoi SSR, 1962. 194 p.

Semigraphical method for determining the characteristics of an asynchronous machine with amplitude control. P.IU.Kaazik. Izv.vys.ucheb.zav.,elektromekh. 5 no.7,730-738 '62.

Some problems in the study of transient phenomena in asynchronous motors. V.A.Shubenko and others. Izv. vys.ucheb.zav., gor.zhur. no.10:125-137 '61.

ELECTRIC MOTORS, INDUCTION—MAINTENANCE AND REPAIR

Rivlin, L.B. [How to locate faults in an asynchronous motor] Kak opredelit' neispravnost' asinkhronnogo dvigatelia. Izd.2., ispr. Moskva, Gosenergoizdat, 1962. 55 p. (Biblioteka elektromontera, no.77)

ELECTRIC MOTORS, SYNCHRONOUS

Problem concerning the periodic solution of the differential equation of a synchronous motor. A.E.Gel'man. Izv.LETI 57 no.39:285-291 '59.

ELECTRIC NETWORKS

Aydeenkova, L.M., and N.V.Korol'kov. [Calculation of magnetic ferrite and diode elements and analysis of their operation for use in digital computers] Analiz raboty i raschet magnitnykh ferrit-diodnykh elementov dlia tsifrovykh vychislitel'nykh mashin. Moskva, Vychislitel'nyi tsentr AN SSSR, 1962. 209 p.

Contribution to the theory of linear converters of binary sequences [with summary in English]. A.D.Zakrevskii. Avtom.i telem. 23 no.11:1492-1496 N '62.

Dyinskikh, V.A. [Measuring networks with self-excitation] Izmeritel'nye skhemy s samovozbuzhdeniem. Moskva, Gosenergoizdat, 1962. 47 p.

Effect of a transistor detector on the characteristics of an oscillatory circuit. V.I.Samoilenko. Trudy MAI no.150,11-22 '62.

Electric lighting control networks. V.P.Stepanov. Energetik 10 no.8:26-28 Ag '62.

Electric networks with lumped and distributed parameters. G.P.Pospelov. Izv.vys.ucheb.zav.: energ. 5 no.9,8-12 S '62.

IUrkov, A.N. [Theory of the design of switching circuits] Teoriia postroeniia releinykh skhem. Moskva, Gosenergoizdat, 1962. 117 p. (Biblioteka po avtomatike, no.62)

More about the probability method for calculating nonsymmetrical and nonsinusoidal operating modes of electrical systems. D.V.Timofeev, A.S.Frolov. Izv.vys. ucheb.zav., energ. 5 no.9:116-117 S '62.

Noncontact logic elements for industrial automatic control systems. O.B.Babaev. Vest elektroprom. 33 no.11:63-67 N '62.

Period of free oscillations in a circuit containing a nonlinear p-n junction capacitance. V.P.Demin. Trudy MAI no.150:30-31 '62.

Problem concerning the expression of the reactive power of three-phase systems. V.N.Nedelku. Izv. vys.ucheb.zav., energ. 5 no.8:18-24 S '62.

Problem concerning the topological classification of two-terminal switching circuits. A.G.Lunts. Izv.LETI 57 no.39:301-306 '59.

Relaxation oscillations in a RC-circuit with a nonlinear p-n junction capacitance. I.A.Glotov. Trudy MAI no.150,62-71 '62.

Self-oscillations in a circuit with nonlinear p-n junction capacitance. V.P.Demin. Trudy MAI no.150:23-29 '62

Stability of the center frequency of an oscillator containing a p-n junction capacitance. V.P.Demin, V.I. Samoilenko. Trudy MAI no.150:35-36 '62.

Synthesis of a nonhomogeneous line using continuous fractions. V.IA.Maloev. Radiotekh. i elektron. 7 no.10: 1829-1831 O '62.

Use of a vacuum switch for switching d.c. in a condenser circuit. V.D.Andreev, M.A.Tiulina. Vest. elektroprom. 33 no.9:40-44 S '62.

ELECTRIC POWER

Aleksanov, A.P. [Ways to save electrical power] Puti ekonomii elektroenergii. Ashkhabad, Turkmenskoe gos. izd-vo, 1961. 78 p.

[Electric power production and utilization in foreign countries; supplement to the periodical "Elektricheskie stantsii"] Energokhoz.za rub. no.2 Mr-Ap '62.

Procedure for compensating for additional expenses by construction and assembly organizations connected with paying for electric power. Ekon.stroi. no.9,58-59 S '62

Through the pages of technical periodicals. Energetik 10 no.8,37-39 Ag '62.

We should economize electric power and nonferrous metals. Blok.ngit.[Grus.] no.1:41-44 Ja '60.

ELECTRIC POWER—ABSTRACTS

[Electrical engineering and electric power] Ref.zhur.: Elektrotekh.i energ. no.20 O '62.

ELECTRIC POWER DISTRIBUTION

(see also subdivision under Ural Mountain region)

Brief news. Energetik 10 no.8:34-35 Ag '62.

Concerning the duration of the operation of a 10 kv. power distribution network in the presence of a short circuit to ground. E.D.Zeitlizon. Energetik 10 no.8 33 Ag '62.

Development of power systems and the creation of unified high-voltage networks in capitalist countries. A.M.Berkovskii. Biul.tekh.-ekon.inform. Gos. nauch.-issl. inst.nauch.i tekh.inform. no.10 87-92 '62.

Effective contribution of the power engineering workers of Leningrad to industry. V.N.Germer. Energetik 10 no.8:28-30 Ag '62.

Gizila, E.P. [Design of automatic control devices for electric power systems] Raschet ustroistv avtomatiki energosistem. Kiev, Gostekhizdat USSR, 1962. 211 p.

Kazanskii, V.E. [Automation and remote control in electric power systems] Avtomatizatsiia i telemekhanizatsiia energeticheskikh sistem. Moskva, Profizhizdat, 1962. 182 p. (Novaia tekhnika i peredovye metody truda)

Operation of a power distribution network in a closed system. B.Khabarov. Zhil.-kom.khoz 12 no.5 28-29 My '62.

Operation of asynchronized synchronous generators with superlong electric power transmission lines. Z.K. Sazonova. Vest. elektroprom. 33 no.11 11-50 N '62

Operator equations for multiphase transformers in rotating coordinate axis. M.E.Aliabiev. Izv.vys.ucheb. zav.,elektromekh. 5 no.7:715-723 '62.

Reply to our readers. Energetik 10 no.8:31-32 Ag '62.

Standardized electric distributing centers. G.Desiatnikov. Rech.transp. 21 no.10 48-49 O '62.

Testing of RVS-type electric dischargers by means of pulsating and a.c. voltages. G.I.Kitaev. Izv.vys. ucheb.zav., energ. 5 no.9:113-117 S '62.

Use of transverse compensation in local power distribution networks. A.V.Mikhailkov. Energetik 10 no.8 17-19 Ag '62

Volobrinskii, S.D., M.V.Kudriavtsev, and V.N.Stepanov. [Electrical networks and power systems] Elektricheskie seti i energosistemy. Moskva, Transzheldorizdat, 1962. 313 p.

ELECTRIC POWER DISTRIBUTION—DIRECT CURRENT

Neiman, L.R., and others. [D.C. transmission lines as elements of power systems] Elektroperedacha postotannogo toka kak element energeticheskikh sistem. Moskva Izd-vo Akad. nauk SSSR, 1962. 340 p.

ELECTRIC POWER DISTRIBUTION—EQUIPMENT AND SUPPLIES

Concerning the operation of ORU 35-110 kv. line disconnecting switches operating in districts with air pollution. T.P.Mustafov, A.S.Kolendovskii. Energetik 10 no.8:4-6 Ag '62.

ELECTRIC POWER DISTRIBUTION—HIGH TENSION

Study of the vibration of damped whips of high-voltage overhead power transmission lines. N.M.Budnitskii. Izv.LETI 57 no.39 223-249 '59.

ELECTRIC POWER DISTRIBUTION—SAFETY REGULATIONS

Dolin, P.A. [Work on operating overhead electric power transmission lines; clarifications for chapter IV of "Safety Engineering Regulations for Operating Overhead Power Transmission Lines with Voltages in Excess of 1,000 volts."] Raboty pod napriazheniem na vozdushnykh linitakh elektroperedachi; poiasnenila k glave IV "Pravil tekhniki bezopasnosti pri ekspluatatsii vozdushnykh linii elektroperedachi napriazheniem vyshe 1 000v." Izd.2., perer. Moskva, Gosenergoizdat, 1962. 109 p.

Russia (1923- U.S.S.R.) Glavnoe energeticheskoe upravlenie. [Safety engineering regulations for operating and servicing electrical systems of industrial enterprises, mandatory for industrial enterprises, economic councils, ministries, and departments] Pravila tekhnicheskoi ekspluatatsii i bezopasnosti obsluzhivaniia elektrostanovok promyshlennykh predpriiatii; obiazatel'ny dlia promyshlennykh predpriiatii, sovnarkhozov, ministerstv i vedomstv. Utverzhdeny 10 fevralia 1961 g. Moskva, Metallurgizdat, 1962. 360 p.

ELECTRIC POWER PLANTS

Concerning the power indices of planned heat and electric power plants. K.V.Bulgakov. Izv.LETI 57 no.39:195-200 '62.

Concerning the rinsing-out of the thermal networks. N.K.Gromov. Energetik 10 no.8 32 Ag '62.

Effective contribution of the power engineering workers of Leningrad to industry. V.N.Germer. Energetik 10 no.8:28-30 Ag '62.

Improvement of the thermal network of an electric power plant. Energetik 10 no.8:11-12 Ag '62.

Ioffe, IU.R., and I.P.Koptsov. [Design and construction of large thermal electric power plants of precast reinforced concrete] Proektirovanie i stroitel'stvo moshchnykh teplovykh elektrostantsii iz sbornogo zhelezobetona. Moskva, Orgenergostroi, 1962. 77 p. (Iz opyta energeticheskogo stroitel'stva)

Large-block assembly of industrial thermal electric plants. M.V.Popov. Mont.i spets.rab.v stroi. 24 no.10:9-12 O '62.

ELECTRIC POWER PLANTS (Continued)

Problem concerning the determination of the cost of established kilovatt of power for condensing electric power stations. I.N.Butakov Izv.vys.ucheb.zav. energ 5 no.9 57-62 S '62

Reply to our readers Energetik 10 no.8 31-32 Ag '62.

Rodov, A.B., and A.I.Tikhonov, comps. [Heat control and measurement instruments and automatic regulators of the boiler feeders of B-1000 railroad car mounted power plants and their maintenance] Teplovye kontrol'no-izmeritel'nye pribory i avtomaticheskie regulatory pitaniia kotlov energopoezdov B-4000 i ikh obsluzhivanie Moskva, Gosenergoizdat, 1962 83 p

Rural electric power plants using gas turbines. L.Levkoev, S.Iosipian. Tekh.v sel'khoz. 22 no.8:31-35 Ag '62.

ELECTRIC POWER PLANTS—DESIGN AND CONSTRUCTION

Proshin, A.S. [Special cranes for the assembly of thermal electric power plants] Spetsial'nye krany dlia montazha teplovykh elektrostantsii. Moskva, Gosenergoizdat, 1962. 239 p.

ELECTRIC POWER PLANTS—EQUIPMENT AND SUPPLIES

For a successful completion of the general overhaul of heavy equipment. Energetik 10 no.8 1-4 Ag '62.

ELECTRIC POWER PLANTS—FUEL SYSTEMS

Studying the conditions of the passage of moist coal through the fuel conveying and processing systems. V.A.Kryzhanovskii. Teploenergetika 9 no 11 47-51 N '62

ELECTRIC POWER PRODUCTION—COSTS see subdivision under Ukraine

ELECTRIC POWER PRODUCTION—SAFETY MEASURES

Conferences on the problems of high altitude power systems. Vop.elektropat.i elektrotrav. 1 63-64 1 63-64 '61.

ELECTRIC POWER STATIONS—FUEL SYSTEMS see subdivision under United States

ELECTRIC POWER SUPPLY TO APPARATUS

Fel'dman, A.B., and L.A.Chastoedov. [Electric power supply for railroad telecommunication apparatus] Elektropitanie ustroistv sviazi na zheleznodorozhnom transporte. Moskva, Transzheldorizdat, 1962. 222 p.

Shcherbakov, O.K., and M.A.Terekhin. [Design of stabilized rectifying devices for electronic computers] Inzhenernyi raschet stabilizirovannykh vypriamitel'nykh ustroistv dlia vychislitel'nykh mashin. Moskva, In-t tochnoi mekhaniki i vychislitel'noi tekhniki Akad. nauk SSSR, 1961. 16 p. (Elektronnye vychislitel'nye mashiny)

ELECTRIC PROSPECTING

Blokh, I.M. [Resistivity method of electric profiling] Elektroprofilirovanie metodom soprotivlenii. Moskva, Gosgeoltekhizdat, 1962. 238 p

--- --- --- [Theoretical electric profile curves] Teoreticheskie krivye elektroprofilirovaniia. 21 diagrs.

Effect of the earth-air boundary on the electric field of a polarized sphere. G.A.Tarasov. Uch.zap.LGU 303:222-225 '62.

Electric prospecting operations in studying deep-seated sulfide veins. A.S.Semenov and others. Uch.zap. LGU 303:203-221 '62.

Field of the point source of a current on the surface of horizontally banded anisotropic cross sections with horizontal and vertical bedding of the anisotropic media. G.N.Anishchenko, B.V.Shal'nov. Prikl. geofiz. no.33:97-101 '62.

Magnetotelluric method of prospecting. N.P.Vladimirov, V.A.An. Razved.i okh.nedr 28 no.6:34-37 Je '62.

Means of calculating the field of a point source when there is a vertical layer. N.A.Sakharntkov, D.M. Volkov. Uch.zap.LGU 303:193-202 '62.

Presentation of the results of observations in the form of apparent specific electric resistance in electric prospecting methods employing alternating current. A.V.Veshev. Uch.zap.LGU 303:167-186 '62.

Shemshurin, V.A. [Methodological handbook on prospecting with radio waves in searching for underground waters in an arid zone] Metodicheskoe rukovodstvo po radiovolnovomu zondirovaniiu (RVZ) pri razvedke podzemnykh vod v aridnoi zone. Moskva, Gosgeoltekhizdat, 1962. 45 p.

[MICROFILM]

Use of low-frequency alternating current in electric profiling and sounding. IU.I.Bulgakov, A.V.Veshev. Uch. zap.LGU 303:187-192 '62.

Using the natural electrical field method in vein-disseminated copper and molybdenum deposits of central Kazakhstan. A.K.Auzin. Uch.zap.LGU 303.234-240 '62.

Using the natural field method in searching for and small scale mapping of pyritized zones and graphitized rocks. IU.S.Ryss and others. Uch.zap LGU 303:226-233 '62.

ELECTRIC PROSPECTING—EQUIPMENT AND SUPPLIES

NChMU low-frequency electric prospecting apparatus D.R Barkhatov. Uch.zap.LGU 303:211-214 '62.

ELECTRIC PROTECTION

Concerning the duration of the operation of a 10 kv. power distribution network in the presence of a short circuit to ground E.D.Zeldizon. Energetik 10 no.8 33 Ag '62

Protection of silicon rectifier systems of electric rolling stock. IU.E.Zavadskii, O.E.Karelov Vest.elektroprom. 33 no.9:34-37 S '62.

Testing of RVS-type electric dischargers by means of pulsating and a.c. voltages. G.I.Kitaev. Izv.vys. ucheb.zav., energ. 5 no.9 13-17 S '62.

ELECTRIC PUMPS see Pumping machinery, Electric

ELECTRIC RAILROADS

Concerning a frequently occurring fault on the ER1 electric train. V.N.Petrov. Elek.i tepl.tiaga 6 no 9:35-37 S '62.

Ostpov, S.I., and K.A.Mironov. [Fundamentals of electric traction] Osnovy elektricheskoi tiagi 2.perer. izd Moskva, Transzheldorizdat, 1962. 333 p.

Podol'skii, L.R., N.I.Cholovskii, and IU.A.Fomin. [Electric meters for registering the consumption of electric power by electrified rolling stock] Schetchiki elektricheskoi energii elektropodvizhnogo sostava. Moskva, Transzheldorizdat, 1962. 116 p.

ELECTRIC RAILROADS—BIBLIOGRAPHY see Bibliography—Electric railroads

ELECTRIC RAILROADS—CURRENT SUPPLY

Balancing and improvement of the power factor of traction substations with single-phase current. V.F.Klimov. Trudy MIIT no.144 20-31 '62.

Calculation of the characteristics of voltage regulating devices with excitation using phasor diagrams. V.I Sharov. Trudy MIIT no.144:57-71 '62.

Choice of a system for regulating the voltage of traction substations and determination of its parameters. V.I. Sharov. Trudy MIIT no.144:50-66 '62.

Current distribution in a system consisting of "rails-ground-underground structure" during the use of track current sources and evaluation of their effectiveness. N.G.Sergeev. Trudy MIIT no.144:114-125 '62.

Determination of the power of a.c. traction substations. V.A.Kisliakov. Trudy MIIT no.144 4-9 '62.

Distribution of voltage nonsymmetry factors in single-phase busbars of traction substations. V.A.Bessonov. Trudy MIIT no.144:10-19 '62.

Establishment of electric power expenditure standards on the traction of mixed and transfer trains. IU F. Kulaev. Elek.i tepl.tiaga 6 no.9.11-12 S '62.

Evaluation of voltages in the branches of a track circuit of a subway. R.R.Mamoshin. Trudy MIIT no.144: 137-148 '62.

Karlakin, R.N. [Methods of calculating the resistances of a.c. traction networks] Metodika rascheta soprotivlenii tiagovykh setei peremennogo toka. Moskva, Transzheldorizdat, 1962 36 p.

Measurement of the back currents of a mercury rectifier in a single pulse network. M.A.Ablaev. Trudy MIIT no.144:85-89 '62.

Method for determining the contact resistance of the rail-ground system of a subway. R.R.Mamoshin. Trudy MIIT no.144:131-136 '62.

Physical modeling of the contact network of a single-phase electric railroad. D.V.Birlukov. Trudy MIIT no.144:164-180 '62.

Protection of silicon rectifier systems of electric rolling stock. IU.E. Zavadskii, O.E. Karelov. Vest. elektroprom. 33 no.9:34-37 S '62.

A simple protection system for a 27.5 kv. contact network with commensurable load and short-circuit currents. V.N.Pupynin, G.V.Semenchinskii. Trudy MIIT no.144,106-113 '62.

Study of a possibility of increasing the strength of a mercury rectifier. M.A.Ablaev. Trudy MIIT no.144: 72-84 '62.

Study of the characteristics of a relay for the purpose of determining a more sensitive starting device of the protection system of the feeders of a 27.5 kv. contact network. V.N.Pupynin. Trudy MIIT no.144:90-105 '62.

Use of additional e, m, f, in the calculation of current distribution in a "rails-ground-underground structure" system. N.G.Sergeev. Trudy MIIT no.144:126-130 '62.

Use of an iteration method for solving some nonlinear electrical traction problems. V.A.Kisliakov. Trudy MIIT no.144:181-186 '62.

Use of mathematical statistics and the probability theory for studying and designing the power supply systems of electric railroads. G.A.Minin and others. Trudy MIIT no.144:38-48 '62.

ELECTRIC RAILROADS—MANAGEMENT

Isaev, I.P., V.A.Molodikov, and I.V.Birlukov. [Fundamentals of programming and solving of traction and dynamics problems of the rolling stock of electric railroads by means of electronic computers] Osnovy programmirovaniia i reshenie zadach tiagi i dinamiki elektropodvizhnogo sostava na elektronnykh vychislitel'nykh mashinakh. Moskva, Transzheldorizdat, 1962, 185 p.

ELECTRIC RAILROADS—SUBSTATIONS

Choice of a system for regulating the voltage of traction substations and determination of its parameters V.I. Sharov. Trudy MIIT no.144,50-66 '62.

Determination of the power of a.c. traction substations V.A.Kisliakov. Trudy MIIT no.144 4-9 '62.

Should we have a manager in every traction substation? Elek.i tepl.tiaga 6 no.9.10 S '62.

ELECTRIC RAILROADS—TRAFFIC

Use of mathematical statistics methods for evaluating the distribution of trains in a 24-hour period. [with summary in Eng.] Markvardt, M.E.Krestianov. Trudy MIIT no.144: 32-37 '62.

ELECTRIC RAILROADS—WIRES AND WIRING

Causes of wavelike wear of contact wires and measures for preventions. I.A.Belinev. Elek.i tepl.tiaga 6 no.10 S '62

Evaluation of voltages in the branches of a track circuit of a subway. R.R.Mamoshin. Trudy MIIT no.144: 137-148 '62.

Method for determining the contact resistance of the rail-ground system of a subway. R.R.Mamoshin. Trudy MIIT no.144:131-136 '62.

Physical modeling of the contact network of a single-phase electric railroad. D.V.Birlukov. Trudy MIIT no.144,164-180 '62.

A simple protection system for a 27.5 kv. contact network with commensurable load and short-circuit currents. V.N.Pupynin, G.V.Semenchinskii. Trudy MIIT no.144,106-113 '62.

ELECTRIC RAILWAY MOTORS

Heat consideration in the design of the armature of a d.c. traction motor. V.V.Dubov. Vest.elektroprom. 33 no.11 28-31 N '62.

ELECTRIC RAILWAY MOTORS—EQUIPMENT AND SUPPLIES

Device for measuring the pressure of the pressure of a brush holder. IU.N.Vinogradov, A.M.Ivanitskii. Elek.i tepl.tiaga 6 no.9:25-27 S '62.

Use of diaphragm drives in electric traction motors. B.Z.Vainshtein, G.G.Gudavadze, I.P.Ivanitskii. Vest. elektroprom. 33 no.9:37-39 S '62

ELECTRIC RAILWAY MOTORS—TESTING

Choice of voltage magnitude in testing the insulation of traction motors. A.A.Skvortsov. Elek.i tepl.tiaga 6 no.9:24-25 S '62.

Measuring the temperature of collector plates by means of the auxiliary poles of diesel locomotive traction engines during the movement of the train. A.P.Chirkin, M.K.Gavrilenko, I.P.Poltavskii. Trudy KHIIT no.52,11-55 '61.

ELECTRIC REACTORS—WELDING

Choice of the network and design of double-winding alternating current limiting reactors. I.F.Gorovenko. Vest. elektroprom 33 no.11:70-72 N '62.

ELECTRIC RELAYS

Adjustment of the transition relay of the TL-2 electric locomotive. V.F.Doroshenko, S.M.Zverev, S.F. Vinogradov. Elek.i tepl.tiaga 6 no.9:14-16 S '62

Conversion of the time pace of sequential switching circuits [with summary in Eng.] M.A.Aizerman and others. Avtom.i telem. 21 no.11,1465-1491 N '62.

Iliasov, A.N. [Theory of the design of switching circuits] Teoriia postroeniia releinykh skhem. Moskva, Gosenergoizdat, 1962, 117 p. (Biblioteka po avtomatike, no.62)

Problem concerning the topological classification of terminal switching circuits. A.G.Lunts. Izv.AN SSSR 57 no.39:301-308 '59.

Study of the characteristics of a relay for the purpose of determining a more sensitive starting device of the protection system of the feeders of a 27,5 kv. contact network. V.N.Pupynin. Trudy MIIT no.144 '62.

ELECTRIC RESISTANCE

Variation of the electric resistance of pure metals with decreasing temperatures [with summary in Eng.] B.N Aleksandrov, I.G.Dilakov. Zhur.eksp.i teor.fiz. 43 no.4:852-859 '62.

ELECTRIC RESONATORS

A method for measuring the specific inductive capacitance and dielectric loss angle of samples with cylindrical shape in a rectangular resonator. P.S. [illegible] Izv.LETI 57 no.39:56-67 '59.

ELECTRIC SUBSTATIONS

Check of the insulation of rural 35 kv. substations. M.A.Zakrezhevskii. Energetik 10 no.8:31-32 Ag '62.

The KTPP-series transformer substations. Energetik 10 no.8:40 Ag '62.

Study of the substitution of high-voltage protective equipment by sectionalizing apparatus in rural electric users' 10/0,4 kv. transformer substations. O.IU Pal'chenko. Visnyk sil'hosp.nauky 5 no.9:29-34 '61

Transducer for oscillographic recording of relatively small dynamic changes of voltage. F.G.Guseinov, T.N.Gadzhiev. Trudy ENIN AN Azerb.SSR 15 [illegible] '62.

ELECTRIC SUBSTATIONS—FIRES AND FIRE PREVENTION

The design and making of , a fire. M. Korenlak Pozh. delo 8 no. 10,12-13 O '62

ELECTRIC SWITCHGEAR

Change in the seals of the air pipes of 220 kv. air switches. P.I. Vodolaskii. Energetik 10 no. 8:15-16 Ag '62.

Possibility for using liquid discharges in high-voltage nanosecond pulse circuits G A. Mesiats, G. A. Vorob'ev. Izv. vys. uch. zav.; fiz. 3 21-23 '62.

Use of a vacuum switch for switching d. c. in a condenser circuit. V. D. Andreev, M. A. Tiulina. Vest elektroprom. 33 no 9:40-44 S '62

ELECTRIC TRANSFORMERS

Calculation of the pulse-droop compensating networks of pulse transformers P. N. Matkhanov, IU. A. Petrov. Izv LETI 59 no. 16 128-133 '62.

Design of low power three-phase electric transformers with multiple windings M. IU Anvelt Shkola i proizv. 6 no 10 79-82 O '62

Electric transformer with increased leakage inductance as a nonlinear element for a current regulator. A. A Moderov. Izv. vys. ucheb zav. ;elektromekh 5 no 6: 681-686 '62.

Operator equations for multiphase transformers in rotating coordinate axis. M. F. Allab'ev Izv. vys. ucheb zav. ,elektromekh. 5 no. 7,715-723 '62.

Overvoltages originating in pulse transformers during faulty operation L. Z. Gogolitsyn. Izv LETI 59 no. 16 149-156 '62.

Transformer regulating output voltage by means of a magnetic commutator. M. Z. Khamudkhanov, V. A. Trofitskii, S. Z. Usmanov. Izv. AN Uz. SSR. Ser. tekh. nauk 6 no. 5,39-43 '62.

Use of silica gel with activated gaseous ammonia for regenerating the insulating oil of operating transformers. I. V. Brai and others. Energetik 10 no. 8:23-26 Ag '62.

ELECTRIC TRANSFORMERS—MODELS

Circuit for compensating magnetic losses in a physical model of an electric transformer. D. V. Birlukov. Trudy MIIT no. 144:158-163 '62.

ELECTRIC TRANSFORMERS—TESTING

Device for detecting short-circuited loops in transformer coils. S. S Vdovin. Izm. tekh. no 10;47-48 O '62.

ELECTRIC WELDING

Automation of high-speed welding of masticated rubber products. IU. P. Galuzin, A D Dudnikov, V V Smirnov. Poligr. proizv. no. 10,17-19 O '62.

Electric stud welding under flux with mobile electrodes IU. M. Slesarev. Svar proizv no 10 20-21 O '62.

Phase transformations in the system iron- zinc- copper during condenser discharge welding. N. G. Shul'ga, L. V. Gal'chinskii. Izv. vys ucheb. zav. jchern. met 5 no. 9;180-187 '62.

Pipe welding in foreign countries with use of high-frequency currents. V N Bogdanov. Avtom svar. 15 no 11:88-94 N '62

Stability of the arc welding process with self-regulation of welding conditions N G Diurgerov. Svar. proizv no 10 5-8 O '62.

ELECTRIC WELDING—EQUIPMENT AND SUPPLIES

Attachment for the dressing of rollers on seam welding machines A I. Shultsyn, G N Brodiagin. Svar proizv no. 10:35-36 O '62

Economic efficiency of mechanizing welding processes during blast furnace construction A. M. Brechuk. Avtom. svar. 15 no. 11:79-83 N '62.

Effect of the composition of electrode coatings on the impact strength of welded joints. A. E. Asnis. Avtom. svar 15 no. 11:94-95 N '62

Il'inykh, S. V. [Automatic and semiautomatic three-phase arc welding machines] Trekhfaznye dugovye avtomaty i poluavtomaty. Moskva, Mashgiz, 1962, 150 p.

The MShPL-300/1500 machine for seam welding of bands. V. E. Kleiner. Biul. tekh.-ekon. inform. Gos. nauch.-issl. inst. nauch. i tekh. inform. no. 10:38-40 '62.

Machines for the mechanical cleaning and coiling of welding wire. I IA Degtiarev. Svar proizv. no. 10:39 O '62

Manipulator for automatic build-up welding. V. N. Troepol'skii, V M. Kutikov. Svar. proizv. no. 10 38-39 O '62.

Modernized interrupter for spot welding by several pulsations. IU. I Stolbov, IU. I. Belitskii. Svar. proizv no 10:34-35 O '62.

New equipment for resistance welding. L. V. Glebov. Svar. proizv. no 10,40-42 O '62

New transformers for manual arc welding. V. K. Lebedev and others Avtom svar. 15 no. 11:51-55 N '62.

Remote control of welding transformer currents. V. IA. Shekhtman, B. S Dukhan. Svar. proizv. no 10:31-32 O '62.

Single-post, TSK-type welding transformers with compensating condensers. M A Gromov. Svar. proizv no 10.42-43 O '62

Universal stand for the welding of shells and sheets. A. I. IUkhtin, D. G Plotkin. Svar. proizv no 10:36 O '62

ELECTRIC WIRE

Enameled wires with composite insulation E. S. Nyikov. Vest. elektroprom. 33 no 11 76-77 N '62.

ELECTRIC WIRING, INTERIOR

Some industrial methods for conducting electric lighting network wiring operations. L. A Raitsel'skii. Svetotekhnika 8 no. 9,21-24 S '62.

ELECTRICIANS

Concerning the work of electric power line electricians on duty at home. A. I. Shirokov. Energetik 10 no. 8: 33-34 Ag '62

ELECTRICIANS—EDUCATION AND TRAINING

Akovlev, D. F., G. I. Kuznetskii, and G. M. Beshkin, [Training of electricians for work on high-voltage power transmission lines and substations] Podgotovka elektromonterov vysokovol'tnykh linii peredachi i podstantsii. Moskva, Profizdat, 1961. 90 p. (Obmen opytom raboty)

ELECTRICITY—EFFECT ON PLANTS see Plants, Effect of electricity on

ELECTRICITY—PHYSIOLOGICAL EFFECT

Effect of electricity on the biological activity of soil. P. V. Kvartsov, B. L. Nikitin, L. V. Kvartsova. Trudy TSGL 7:239-243 '61.

Effect of micro-organisms on the increase of soil fertility under the influence of electricity. P. V. Kvartsov. Trudy TSGL 7;255-265 '61.

Effect of weak electric currents on the development of free-living nitrogen-fixing micro-organisms in soil. P. V. Kravtsov, L. V. Kravtsova. Trudy TSGL 7:244-254 '61.

Voltage magnitude acting on a man coming in contact with current-carrying components. G. S. Solodovnikov. Vop. elektropat. i elektrotrav. 1:37-40 '61.

ELECTRICITY, INJURIES FROM
(see also subdivision under Tiflis)

Constant magnitude of an injurious electric current N. L. Gurvich, A. A. Akopian, I. A. Zhukov. Vop. elektropat. i elektrotrav. 1,15-21 '61.

"KS-1" cardiosynchronizer and its use in experimental electropathology. I. K. Mishchenko, V. IA. Eskin. Vop. elektropat. i elektrotrav. 1 51-59 '61.

"Phagocytic activity of the leucocytes in the blood in various injuries" by V. M. Zdanovich. Reviewed by G. Frenkel'. Vop. elektropat. i elektrotrav. 1:61 '61.

Physical conditions for injuries from a high frequency electric current. A. F. Pakhomov. Vop. elektropat. i elektrotrav. 1:23-30 '61.

Problem concerning the relative danger of low-voltage a.c. and d.c. G. S. Solodovnikov. Izv. LETI 57 no. 39 250-256 '59.

Transient electrical processes in living tissue. V F Manoilov, M. S Glazenap Izv. LETI 59 no 46 169-178 '62.

Use of automatic control in electropathology studies. G. L. Frenkel'. Vop. elektropat i elektrotrav. 1 5-13 '61.

ELECTRICITY IN AGRICULTURE

Basic methodical principles for determining the economic effectiveness of electrification in agriculture. I. I. Dorosh. Pyt. ekon. sil'. hosp. URSR no. 4 72-79 '61.

Electric water heaters. K. Smirnov. Pozh delo 8 no. 10:10-11 O '62.

ELECTRICITY IN MINING

Contactless control of low voltage current collectors in mines. V. N. Naprasnikov Ugol' Ukr 6 no 10:11-14 O '62.

Power engineering factors in the operation of the main electromechanical equipment of a section in shale mines. V. G. Bauman, O. V. Ivanov, B. I. Komarov. Izv. vys. ucheb. zav., gor. zhur. no. 9:132-139 '61.

Skvortsov, B. S. [Reading electric schematics of mine electric installations] Chtenie elektricheskikh skhem shakhtnykh elektroustanovok. Moskva, Gosgortekhizdat, 1962. 210 p.

ELECTRICITY IN MINING—STUDY AND TEACHING

Practice of a new organization of laboratory assignments. A. V. Ryslev and others. Izv. vys. ucheb. zav., gor. zhur. no. 9:179-182 '61.

Practice of carrying out laboratory assignments on the theoretical principles of electrical engineering. I. N. Golomidov, A. I. Zamerkhanov. Izv. vys. ucheb. zav., gor. zhur. no. 9:183-184 '61.

ELECTRICITY ON SHIPS

Economically effective electric current density in electric networks on ships I. A. Terstynov. Izv LETI 59 no. 46:157-168 '62.

Letter to the editors. G. Meleshkin. Mor. flot 22 no. 10:41 O '62.

Meleshkin, G. A. [Marine synchronous generators with automatic voltage regulators] Sudovye sinkhronnye generatory s avtomaticheskim regulirovaniem napriazheniia. Leningrad, Sudpromgiz, 1962. 275 p.

Vilesov, D. V., and I. A. Rinbinin, [Self-exciting synchronous generators on ships] Sudovye samovozbuzhdaiushchiesia sinkhronnye generatory. Moskva, Voenizdat, 1962. 170 p. (Oflitsera VMF)

ELECTRICITY ON SHIPS—BIBLIOGRAPHY see Bibliography—Electricity on ships

ELECTRIFICATION
(see also subdivision under Azerbaijan)

Electric power per worker and its productivity. P. Klevtsov. Sots. trud 7 no. 10;19-25 O '62.

From the results of the work of the Plenum of the Scientific Council on "Power engineering and electrification" S. V Byvshev Teploenergetika 9 no. 11 91-95 N '62.

ELECTROCAPILLARY PHENOMENA

Electrocapillary curves on mercury of acetonitrile solutions. G. A. Korchinskii Ukr. khim. zhur. 28 no. 6 693-698 '62.

ELECTROCARDIOGRAPHY

Changes in the electrocardiogram in acute pancreatitis [with summary in English]. A. E. Kucherenko. Vrach. delo no. 10 85-89 O '62.

Disorders of cardiac activity in reconstructive and plastic operations on the upper vena cava M. G. Strotfina, I. G. Kostenko. Grud khir. no. 4:58-64 Jl-Ag '62.

Effectiveness of health resort treatment in Kislovodsk of hypertension with a varying electrocardiogram character. B V. Sitel'. Uch. zap. Pyat. gos nauch.-issl. bal'n. inst. 3,256-279 '60.

Electrocardiographic observations in hemorrhagic nephrosonephritis. R. Z. Amitina. Trudy Khab. med. inst. no. 20:75-80 '60.

Lemperts, Grigorijs. [Introduction to clinical electrocardiology] Ievads klīniska elektrokardiologija. Riga, Latvijas Valsts izdevnieciba, 1961. 182 p. [In Latvian] (DNLM)

Physiological mechanisms underlying the alternation of electric and mechanical phenomena of cardiac activity. E. B. Babskii, V. S. Sal'manovich, L. A. Donskikh. Dokl. AN SSSR 146 no. 6:1452-1455 O '62.

Prognostic significance of electrocardiography in thoracic surgery under anesthesia. L. A. Bogdanova. Khirurgiia no. 9;78-83 '62.

ELECTROCHEMISTRY

Determination of the a constant from the dependence of electroreduction kinetics on the potential and on the background concentration. O. A. Petrii, A N. Frumkin. Dokl. AN SSSR 146 no. 5:1121-1124 O '62.

Effect of the reaction irreversibility on Faraday's impedance in a binary electrolyte. V. G. Levich, B. M. Griafov. Dokl. AN SSSR 146 no. 3:641-645 S '62.

Electrochemical method for preparing trialkyl phosphates. S. L. Varshavskii, A. P. Tomilov, IU. D. Smirnov. Zhur. VKHO 7 no. 5;568-569 '62.

Electrochemical synthesis of dicarboxylic acids. A. I Kamneva and others. Neftekhimiia 2 no 4 550-556 Jl-Ag '62

High-voltage converter based on fission reaction O. A Miazdrikov. Izv. LETI 59 no. 46:340-343 '62.

ELECTROCHEMISTRY—CONGRESSES

Fourth All-Union Conference on the Electrochemistry of Organic Compounds. M. IA. Fioshin, L. G. Feokitov. Zhur. VKHO 7 no. 5;568-570 '62.

ELECTRODES

KPI electrodes for the hard facing of cutting tools by the submerged arc method N. A Gorpeniuk, S B Kozlov, S S. Urbanovich Avtom svar. 15 no 11 66-70 N '62

Selection of a stainless steel electrode ribbon for the deposition of corrosion resistant metals F. A. Khomus'ko. Avtom svar 15 no. 11;25-29 N '62.

Study of the migration of silver on the surface of a radioceramic by means of marked atoms. V. M Ovchinnikov, A S. Serdiuk. Izv. LETI 59 no. 46:340-347 '62.

Use of highly efficient electrodes. G. Mitrokhin. Mor. flot 22 no. 10;35 O '62.

ELECTRODES—MAINTENANCE AND REPAIR

Reconditioning chromium bronze electrodes for resistance welding machines by build-up arc welding V. S. Vernik, N. G Geinrikhsdorf Svar proizv no 10 32-33 O '62

ELECTRODES, DROPPING MERCURY

Measurement of differential capacity on mercury during the catalytic evolution of hydrogen. D I Dzhaparidze, G. A Tetoradze Izv AN SSSR. Otd. khim. nauk no. 10 1718-1722 O '62.

ELECTRODES, LEAD

Determination of the capacity of a smooth lead electrode by measuring the potential drop. U. V. Pal'm, V. E. Past. Dokl. AN SSSR 146 no. 6:1374-1376 O '62.

ELECTRODES, MERCURY

Overvoltage of hydrogen evolution on mercury in a ripple current G G Vrosek, O. K Kudra. Ukr. khim. zhur 28 no. 5 604-610 '62

ELECTRODES, NICKEL

Determination of the reversible potential of a nickel electrode at high temperatures. A. T Vagramian, L. A. Uvarov. Izv AN SSSR. Otd. khim. nauk no. 9:1520-1524 S '62.

ELECTRODYNAMICS

Excitation of mechanical exciton waves by an electromagnetic field on the surface of an optically active crystal. IU.A. PSvirko Fiz.tver.tela 4 no.4 846-850 Ap '62.

Izmailov, S.V. [A course in electrodynamics for physics and mathematics faculties of pedagogical institutes] Kurs elektrodinamiki dlia fiziko-matematicheskikh fakul'tetov pedagogicheskikh institutov. Moskva, Uchpedgiz, 1962. 139 p.

ELECTROENCEPHALOGRAPHY

Bioelectrical activity of the brain in a disorder of cerebral circulation [with summary in English] S.N. Savenko, I.N. Tauber. Vrach. delo no.10 48-52 O '62.

Change in the electroencephalogram and galvanic skin reaction during rhythmical proprioceptive stimulation. V.M. Vasil'eva. Nauch. dokl. vys. shkoly, biol. nauki no.1 74-78 '62.

Characteristics of the EEG during "dry" heart surgery under hypothermia [with summary in English] T.N. Promtova. Grud. khir. no.4 43-50 Jl-Ag '62.

Correlation between serotonin and the central adrenoresponsive and cholinoresponsive systems in the mechanism of electroencephalogram activation. R.IU. Il'ichenok, L.A. Nazarov. Dokl. AN SSSR 146 no.5 1237-1240 O '62.

Dependence of phasic and tonic orienting reactions on the conditions of afferentation. M.B. Mikhailovskaia. Dokl. APN no.3,103-106 '62.

Dynamics of the bioelectrical activity of the cerebral cortex in hypertension with chronic cerebral circulatory insufficiency under the influence of treatment by radon baths of varying concentrations. E.V. Shukhova. Uch. zap. Pyat. gos. nauch.-issl. kal'n. inst. 3:84-95 '60.

Dynamics of the mental condition of patients following clinical death of short duration. V.V. Kovalev. Vest. AMN SSSR 17 no.7 17-22 '62.

Electroencephalographic data on patients suffering from the residual manifestations of viral encephalitis during a treatment period at Pyatigorsk health resort. A.P. Rodikov. Uch. zap. Pyat. gos. nauch.-issl. kal'n. inst. 3 79-83 '60.

Electroencephalographic observations in aortic commissurotomy by an open method under hypothermia. A.L. Mikaelian, V.IU. Ostrovskii. Khirurgiia no.9 72-78 '62.

Electrophysiological study of cortical-subcortical interrelationships in human brain tumors. V.S. Rusinov. Vest. AMN SSSR 17 no.7 7-12 '62.

Results of an electroencephaloscopic study of the paranoid form of schizophrenia using neurotonics and neuroleptics. N.IA. Belen'kaia. Trudy Gos. nauch.-issl. inst. psikh. 27:209-211 '61.

Robiner, I.S. [Electroencephalography as method for the study of anesthesia] Elektroentsefalografiia kak metod izucheniia narkoza. Moskva, Medgiz, 1961. 174 p. (DNLM)

ELECTROENCEPHALOGRAPHY—EQUIPMENT AND SUPPLIES

Attachment for the electroencephalograph for registering the constant component of the electrical activity of the human and animal brain [with summary in English]. K.K. Monakhov, V.I. Loginov. Biul. eksp. biol. i med. 53 no.6,96-99 Je '62.

ELECTROFORMING

Ginberg, A.M. [Technology of electroplating and electroforming] Tekhnologiia gal'vanotekhniki. Leningrad, Sudpromgiz, 1962. 279 p.

ELECTROKYMOGRAPHY

Comparison of the electrokymographic changes with the anatomical and with the pressure in the left auricle and pulmonary artery in mitral stenosis [with summary in English]. IU.I. Akimov, V.D. Fedorov. Grud. khir. no.1,51-58 Jl-Ag '62.

Electrokymography of the heart in healthy children. A.A. Namazova, I.Kh. Rabkin. Pediatriia no.8:61-66 '62.

ELECTROLYSIS

Studying the second law of electrolysis. B.D. Orleanskii, O.N. Travina. Fiz. v shkole 22 no.4:88 Jl-Ag '62.

ELECTROLYTE SOLUTIONS

Effect of the nature of the solvent on the diffusion of electrolytes. I.D. Vdovenko, O.K. Kudra. Ukr. khim. zhur. 28 no.3:323-328 '62.

ELECTROLYTES

Effect of electrolytes on the critical concentration of sodium laurinate and naphthenate micelles. P.A. Demchenko, N.N. Zakharova, L.G. Demchenko. Ukr. khim. zhur. 28 no.5 611-614 '62.

ELECTROMAGNETIC PROSPECTING

Approximative expression for the field of a dipole above a horizontally-layered structure with a weak conducting foundation. L.B. Gasanenko. Uch. zap. LGU 303:110-113 '62.

Calculating the field of a low-frequency dipole in a remote zone. L.B. Gasanenko, G.P. Sholpo. Uch. zap. LGU 303:67-77 '62.

Construction of curves of magnetotelluric sounding from recordings of brief periodic variations in the earth's natural electromagnetic field. A.A. Kovtun. Uch. zap. LGU 303 56-66 '62.

Directed electromagnetic sounding. G.V. Molochnov. Uch. zap. LGU 303,118-128 '62.

Impedance of the field of a low-frequency raised magnetic dipole. L.B. Gasanenko. Uch. zap. LGU 303 111-117 '62.

Some functions of a complex argument met in the theory of low-frequency fields. L.B. Gasanenko, G.P. Sholpo, L.I. Terekhin. Uch. zap. LGU 303 78-109 '62.

Use of natural electromagnetic variations for studying the upper layers of the earth. M.N. Berdichevskii and others. Uch. zap. LGU 303 49-55 '62.

ELECTROMAGNETIC PROSPECTING—EQUIPMENT AND SUPPLIES

Electric profiling with a "Zemlia-2" induction-method apparatus. A.V. Veshev, V.G. Ivochkin. Razved. i okh. nedr 28 no.6 27-34 Je '62.

ELECTROMAGNETIC PROSPECTING—MODELS

Comparison of the inductive method and the dipole electromagnetic method on a thin conducting membrane (on a model). G.V. Molochnov, G.M. Grebennikov. Uch. zap. LGU 303 129-131 '62.

ELECTROMAGNETIC WAVES

Calculation of the field of a traveling TEM wave propagating along a periodic multiconductor line with round conductors. V.A. Sukhov, B.F. Ryzhenko. Radiotekh. i elektron. 7 no.10;1769-1778 O '62.

Concerning a certain method for calculating the field of a traveling TEM wave propagating along a periodic multiconductor line above a screen. V.A. Sukhov. Radiotekh. i elektron. 7 no.10;1780-1786 O '62.

Determination of the effective mass of electrons in InSb from measurements of thermal e.m.f. in a strong magnetic field. I.V. Mochan, IU.N. Obraztsov, T.V. Smirnova. Fiz. tver. tela 4 no.4:1021-1028 Ap '62.

Diffraction model of a Y-circulator. V.G. Feoktistov. Radiotekh. i elektron. 7 no.10,1763-1768 O '62.

Doppler effect in the reflection of an electromagnetic wave by a field magnetization wave in a ferrite. E.IA. Daume, G.I. Freidman. Zhur. eksp. i teor. fiz. 43 no.3,1102-1101 '62.

Electromagnetic field excited by an electric dipole in a wedgelike region. G.D. Malyuzhinets, A.A. Tuzhilin. Dokl. AN SSSR 146 no.5;1039-1042 O '62.

Energy loss resulting from the emission of longitudinal waves by a charged particle moving in a medium [with summary in English]. L.G. Naryshkina. Zhur. eksp. i teor. fiz. 43 no.3,953-957 '62.

Possibility for resonance acceleration of charged particles by electromagnetic waves in a constant magnetic field [with summary in English]. V.IA. Davydovskii. Zhur. eksp. i teor. fiz. 43 no.3;886-888 '62.

Propagation of plane electromagnetic waves in a periodically non-steady state magnetoactive plasma [with summary in English]. V.N. Lugovoi. Izv. vys. ucheb. zav., radiofiz. 5 no.5,901-907 '62.

Shevchik, V.N., G.N. Shvedov, and A.V. Soboleva. [Oscillatory and wave effects in electron currents at super-high frequencies] Volnovye i kolebatel'nye iavleniia v elektronnykh potokakh na sverkhvysokikh chastotakh. [Saratov] Izd-vo Saratovskogo univ., 1962. 334 p.

ELECTROMAGNETS

Calculation of the possible deviation of the traction force of an electromagnet. I.I. Pekker. Izv. vys. ucheb. zav.; elektromekh. 5 no.7;778-785 '62.

Calculation of the traction characteristics of electromagnets with rotary armatures. E.I. Lezhnev. Vest. elektroprom. 33 no.11 73-75 N '62.

ELECTROMECHANICAL ANALOGIES

Electrical simulation of the dynamics of the drive of a mechanism with reduced varying movement of inertia. F.M. Shlykov and others. Izv. vys. ucheb. zav., elektromekh. 5 no.8;802-810 '62.

Use of electric analogies for studying the deformation of textile fibers. N.I. Naimark. Izv. vys. ucheb. zav. tekh. tekst. prom. no.4;99-104 '62.

ELECTROMETALLURGY see subdivision under Zaporozh'ye

ELECTROMOTIVE FORCE

Decomposition potentials of titanium, molybdenum, and tungsten oxides dissolved in fused borax. Shen'TSin'-nan [Shen Ch'in-nang], V.A. Oleinik, IU.K. Delimarskii. Ukr. khim. zhur. 28 no.5;599-604 '62.

Determination of the capacity of a smooth lead electrode by measuring the potential drop. U.V. Pal'm, V.E. Past. Dokl. AN SSSR 146 no.6:1374-1376 O '62.

Investigation of the gas corrosion of iron by means of contact difference of potentials. R.Kh. Burshtein, G.M. Kornacheva, N.A. Shurmovskaia. Dokl. AN SSSR 146 no.3:631-634 S '62.

Rectification effect on an ideally polarizable electrode. V.G. Levich, B.M. Grafov. Dokl. AN SSSR 146 no.6, 1372-1373 O '62.

ELECTRON BEAMS

Some characteristics of electron wave propagation in beams passing through systems with inductive reactance. L.V. Kazarin. Radiotekh. i elektron. 7 no.10;1841-1843 O '62.

ELECTRON DIFFRACTION EXAMINATION

Studying the crystalline structure of cementite by means of electron diffraction analysis. A.L. Gardin. Dokl. AN SSSR 146 no.5;1068-1070 O '62.

ELECTRON MICROSCOPE

Electron microscope studies living beings. B.I. Balinskii. Nauka i zhizn' 29 no.9:87 S '62.

ELECTRON MICROSCOPY

Electron microscopy. S.B. Stefanov. Zdravovle 8 no.10;1-4 O '62.

Protsenko, A.E., and R.M. Legunkova. [Technique of electron microscopic investigations in phytopathology] Tekhnika elektronnomikroskopicheskikh issledovanii v fitopatologii. Moskva, Izd-vo Akad. nauk SSSR, 1962. 46 p.

Seminar on electron microscopy. V.A. Smirnova. Izv. AN SSSR, Ser. biol. no.5:81-85 O '62.

ELECTRON OPTICS

Experimental determination of the coefficient of spherical aberration of symmetrical electrostatic lenses. L.V. Vereykina. Izv. LETI 57 no.39,257-263 '60.

Experimental study of methods for the formation of trochoidal electron beams by photographing electron trajectories [with summary in English]. V.A. Il'ina, T.B. Pankratova. Izv. vys. ucheb. zav., radiofiz. 5 no.5 956-962 '62.

ELECTRON TUBES

Development of a discharge with a hot cathode in the presence of a linearly varying voltage. I.M. Bystrov. Izv. LETI 59 no.16 29-41 '62.

Use of titanium for coating the grids of electron tubes. L.A. Dudnik. Izv. LETI 59 no.16 21-28 '62.

ELECTRON TUBES—CONGRESSES

Interdepartmental conference on the physical principles of cathode electronics. A.P. Balushova and others. Radiotekh. i elektron. 7 no.10;1845-1846 O '62.

ELECTRONIC AMPLIFIERS see Amplifiers (Electronics)

ELECTRONIC ANALOG COMPUTERS

Cyclic integration network. B.A. Benkov, N.N. Pilyugin, V.V. Zenkevich. Trudy MIFI no.111;119-157 '62.

Devices for digital processing of measurement data. A.M. Bogomolov, V.P. Petrov. Pribory i sistemy no.10,11-13 O '62.

Use of an analog computer in studying the stability of a synchronous generator in the small. L.P. Verzhbitskii, M.M. Raimov. Izv. vys. ucheb. zav., elektromekh. 5 no.7;796-800 '62.

ELECTRONIC APPARATUS AND APPLIANCES

Advances in radio electronics. G.B. Linkovskii. Priroda 51 no.10;113-111 O '62.

ELECTRONIC APPARATUS AND APPLIANCES--BIBLIOGRAPHY see Bibliography—Electronic apparatus and appliances

ELECTRONIC APPARATUS AND APPLIANCES--QUALITY CONTROL

Akademiia nauk SSSR, Komitet tekhnicheskoi terminologii. [Theory of reliability in radio electronics; general concepts, failures, redundancy, parameters, and tests] Teoriia nadezhnosti v oblasti radioelektroniki. Obshchie poniatiia. Otkazy. Rezervirovanie. Parametry. Ispytaniia; terminologiia. Moskva, Izd-vo Akad. nauk SSSR, 1962. 46 p. (Iz Sbornika rekomenduemykh terminov, no.60)

Determination of optimum system reserve with consideration of the damage of blocks in reserve operation [with summary in English]. A.L. Rotkin. Avtom. i telem. 23 no.11;1536-1541 N '62.

Problem concerning the reliability of continuously serviced multichannel systems [with summary in English]. L.N. Mikhailov. Avtom. i telem. 23 no.11;1547-1555 N '62.

ELECTRONIC CIRCUITS

Alpatov, N.I. [Ferrites in electronic circuits] Ferrity v elektronnykh skhemakh. Moskva, Voenizdat, 1962. 109 p.

Electronic circuit of an industrial electromagnetic flowmeter. I.R. Linotskii, L.M. Korsunskii. Izm. tekh. no.10;55-56 O '62.

ELECTRONIC COMPUTERS

Approximation of the function of two variables by a special type of superposition of functions of one variable. I.L. Vesselago. Izv. LETI 57 no.39;211-224 '59.

Calculation of trigonometric functions using electronic computers. I.A. Nazarov, N.A. Smirnov. Izv. LETI 57 no.39;149-152 '59.

Control computer for overall automation of cupola processes. L.M. Mnatsenbakh, A.M. Shapiro. Vest. mashinostr. 42 no.10;64-70 O '62.

ELECTRONIC COMPUTERS (Continued)

Conversion of the group summation operation of the "Ural 1" computer to calculation of periodic functions. O. M. Zolotov, D. F. Sinel'nikov. Izv. vys. ucheb. zav.; elektromekh. 5 no. 7:817 '62

Cybernetics in use. Elena Saparina. Ogonek 40 no. 12 14-15 O '62.

Cybernetics on the "Lunnja" State Farm. IU. Kotler. Sov. Soiuz no. 11.17 '62.

Etter, A. A. [Control computers] Upravliaiushchie vychislitel'nye mashiny. Moskva, Transzheldorizdat, 1962. 189 p.

Evreinov, E. V., and IU. G. Kosarev. [Prospects for designing high-speed computer systems] O vozmozhnosti postroenila vychislitel'nykh sistem vysokoi proizvoditel'nosti. Novosibirsk, Izd-vo Sibirskogo otd-niia AN SSSR, 1962. 39 p.

Isaev, I. P., V. A. Molodikov, and I. V. Birlukov. [Fundamentals of programming and solving of traction and dynamics problems of the rolling stock of electric railroads by means of electronic computers] Osnovy programmirovaniia i reshenie zadach tiagi i dinamiki elektropodvizhnogo sostava na elektronnykh vychislitel'nykh mashinakh. Moskva, Transzheldorizdat, 1962. 185 p.

Loskutov, V. I. [Control computers] Upravliaiushchie matematicheskie mashiny. Moskva, Mashgiz, 1962. 387 p.

New developments in the field of science and technology. Ukraina no. 21-32 N '62.

Panansenko, V. D. [Elements of automatic control and computer engineering, a manual on standard components and networks] Elementy avtomaticheskikh ustroistv i vychislitel'noi tekhniki; spravochnik po tipovym elementam i skhemam. Izd. 2., dop. i perer. Moskva, Oborongiz, 1962. 300 p.

Principles of the identification of images. V. N. Vapnik, A. IA. Lerner. Izv. AN Uz. SSR. Ser. tekh. nauk 6 no. 5:97-98 '62.

Rubtsova, N. M., and G. S. Savinov. [Use of the EV-80-3 electronic computer in calculating the composite norms for the expenditure of materials, based on the practices of the Kirov Plant, verbatim report] Raschet svodnykh norm raskhoda materialov s pomoshch'iu elektronnoi mashiny EV-80-3, opyt Kirovskogo zavoda. Stenogramma doklada. Leningrad, Leningr. dom nauchno-tekhn. propagandy, 1962. 51 p.

Shcherbakov, O. K., and M. A. Terekhin. [Design of stabilized rectifying devices for electronic computers] Inzhenernyi raschet stabilizirovannykh vypriamitel'nykh ustroistv dlia vychislitel'nykh mashin. Moskva, In-t tochnoi mekhaniki i vychislitel'noi tekhniki Akad. nauk SSSR, 1961. 16 p. (Elektronnye vychislitel'nye mashiny)

Sibirko, A. N., and K. A. Khavkin. [Calculation of volumes of road earthwork on electronic calculating machines] Podschet ob'emov zemlianykh rabot avtomobil'nykh dorog na elektronnykh vychislitel'nykh mashinakh. Moskva, Avtotransizdat, 1962. 79 p.

Solution of some problems on the theory of dynamic programming using electronic simulating devices [with summary in English]. Nguen Tkhan' Bang. Avtom i telem. 23 no. 9:1130-1140 S '62

Some problems in automatic data processing of panoramic vertical sounding. A. I. Gulkin. Geomag. i aer. 2 no. 4 782-790 Jl-Ag '62

Trifonov, N. P., G. S. Rosliakov, and E. A. Zhogolev, eds. [Computing techniques and programming; collection of works of the Moscow University Computer Center] Vychislitel'nye metody i programmirovanie; sbornik rabot Vychislitel'nogo tsentra Moskovskogo universiteta. [Moskva] Izd-vo Mosk. univ.,
Vol. I. 1962. 349 p.

Upheaval spectra during earthquakes rated 7 and 8 obtained on an electronic calculating machine. S. V. Medvedev, M. G. Korf. Trudy Inst. fiz. Zem. no. 22. Vop. inzh. seism. no. 7.80-94 '62.

Use of electron computer techniques for technical and economic calculations in nonferrous metallurgy. A. Kh. Benani, S. Kh. El'bisinov, M. G. Zhuk. TSvet. met. 35 no. 10.4-8 O '62.

Using electronic calculating machines for processing original statistical information in the field of the supply of materials and equipment. A. Efremova. Biul. nauch. inform.: trud i zar. plata 5 no. 9:22-29 '62.

Use of electronic computers for planning and accounting in the Moscow Economic Council. V. V. Vasil'ev, S. T. Mitin. Biul. tekh.-ekon. inform. Gos. nauch.-issl. inst. nauch. i tekh. inform. no. 10:76-77 '62.

Use of electronic computers for studying the temperature fields of steam turbine rotors. V. N. Venediktov, V. M. Zelenin. Teploenergetika 9 no. 11 18-22 N '62

Using electronic computers in the automation of technological planning processes. A. M. Gil'man. Avt. prom. 28 no. 9:1-3 S '62.

Using electronic machines to solve a direct problem of gravity prospecting for three-dimensional convex bodies (seismic structures). O. K. Litvinenko, V. A. Makarov. Prikl. geofiz. no. 33:155-160 '62.

Using mathematical methods and electronic calculating machines in establishing a production program for multiple-article production. F. I. Binshtok, L. I. Smoliar. Vest. mashinostr. 42 no. 10:74-77 O '62.

ELECTRONIC COMPUTERS—CIRCUITS

Cherevychnik, IU. K. [Elementary circuits and functional networks of computers with cold-cathode tubes] Elementarnye skhemy i funktsional'nye uzly vychislitel'nykh mashin na lampakh s kholodnym katodom. Moskva, Vychislitel'nyi tsentr AN SSSR, 1962. 78 p.

ELECTRONIC COMPUTERS—JUVENILE LITERATURE

Electronic "brains" at the school blackboard. I. Nelachenko. IUn. tekh. 7 no. 10 34-37 O '62.

ELECTRONIC CONTROL

Automatic shape adjustment of sheet mill rolls by means of a mechanical grinding device. A. P. Chekmarev and others. Nauch. trudy DMI no. 18:265-274 '62.

Barsukov, F. I. [Radio telemechanics] Radiotelemekhanika, Moskva, Gosenergoizdat, 1962. 87 p. (Massovaia radiobiblioteka no. 433)

[MICROFILM]

[Industrial electronics and automation of production processes] Avtomatizatsiia proizvodstva i promyshlennaia elektronika. Glav. red. A. I. Berg i V. A. Trapeznikov. Moskva, Gos. nauchn. izd-vo "Sovetskaia Entsiklopedia." (Entsiklopedia sovremennoi tekhniki. Entsiklopedii, Slovari, Spravochniki)
Vol. I. A-I. 1962. 524 p.

Interference proof code for a remote transmission system. I. IA. Gol'dbaum, V. K. Zakharov. Priborostroenie no. 10:3-4 O '62.

ELECTRONIC DATA PROCESSING

Digital-analog computer for processing aerial photography prints. V. B. Smolov, A. A. Chigirev. Izv. LETI 59 no. 16 50-73 '62

Rubtsova, N. M., and G. S. Savinov. [Use of the EV-80-3 electronic computer in calculating the composite norms for the expenditure of materials, based on the practices of the Kirov Plant; verbatim report] Raschet svodnykh norm raskhoda materialov s pomoshch'iu elektronnoi mashiny EV-80-3, opyt Kirovskogo zavoda. Stenogramma doklada. Leningrad, Leningr. dom nauchno-tekhn. propagandy, 1962. 51 p.

ELECTRONIC DIGITAL COMPUTERS

Anisimov, B. V., and V. N. Chetverikov. [Fundamentals of the theory and design of digital computers] Osnovy teorii i proektirovaniia tsifrovykh vychislitel'nykh mashin. Moskva, Mashgiz, 1962. 431 p.

Cyclic functional converters of pulse numbers. V. B. Smolov. Izv. LETI 59 no. 46 12-49 '62

ELECTRONIC DIGITAL COMPUTERS—CIRCUITS

Aydeenkova, L. M., and N. V. Korol'kov. [Calculation of magnetic ferrite and diode elements and analysis of their operation for use in digital computers] Analiz raboty i raschet magnitnykh ferrit-diodnykh elementov dlia tsifrovykh vychislitel'nykh mashin. Moskva, Vychislitel'nyi tsentr AN SSSR, 1962. 209 p.

Dynamic delay circuits, registers, and triggers without information shift [with summary in English]. M. IA. Dingorin. Izv. vys. ucheb. zav., radiofiz. 5 no. 5:1026-1032 '62.

Ternary triggers on parametric oscillators [with summary in English]. S. A. Akhmanov, A. S. Reshal', Izv. vys. ucheb. zav., radiofiz. 5 no. 5:1017-1025 '62.

ELECTRONIC DIGITAL COMPUTERS—PROGRAMMING

Determining the efficient sorting and utilization of fuel by the method of linear programming with an electronic computer. A. P. Merenkov, A. S. Nekrasov, O. A. Nekrasova. Ugol' 37 no. 10:42-46 O '62.

ELECTRONIC INDUSTRIES—QUALITY CONTROL

List of literature on problems concerning system reliability for 1961. A. I. Rafkin. Avtom. i telem. 23 no. 9: 1270-1275 S '62.

ELECTRONIC INSTRUMENTS

An electron oscilloscope for lecture demonstrations. B. Sh. Perkal'skis. Izv. vys. uch. zav., fiz. 3.145-146 '62.

Filament field corrector for optical and electronic-optical instruments. P. V. Shchoglov. Soob. GAISH no. 117:24-26 '61.

Unit-type profilograph-profilometer. A. I. Bolarov. Trudy Sem. po kach. poverkh. no. 5:219-224 '61.

Unit-type profilograph-profilometer. IU. V. Kiselmenov. Trudy Sem. po kach. poverkh. no. 5:225-232 '61.

ELECTRONIC MEASUREMENTS

Measuring techniques and equipment for the experimental determination of the frequency characteristics of automatic control systems. A. A. Vavilov, A. I. Solodovnikov. Izv. LETI 59 no. 46:74-105 '62.

Transducer for oscillographic recording of relatively small dynamic changes of voltage. F. G. Guseinov, T. N. Gadzhiev. Trudy ENIN AN Azerb. SSR 15:80-83 '62.

ELECTRONICS

High-frequency radiation of a discharge in an ion pump with cold cathode. E. M. Reikhrudel', G. V. Smirnitskaia, E. P. Sharetov. Radiotekh. i elektron. 7 no. 10:1809-1815 O '62.

ELECTRONICS—BIBLIOGRAPHY see Bibliography—Electronics

ELECTRONICS IN MILITARY ENGINEERING

Radio electronics in military science. V. Maksimenko. Voen. znan. 38 no. 10 25-27 O '62.

ELECTRONS
(see also subdivision under Murmansk region)

Determination of the distribution of electrons. IU. G. Pliner. Izv. LETI 59 no. 46 337-339 '62.

Determination of the effective mass of electrons in InSb from measurements of thermal e.m.f. in a strong magnetic field. I. V. Mochan, IU. N. Obraztsov, T. V. Smirnova. Fiz. tver. tela 4 no. 4:1021-1026 Ap '62.

Effect of the path length of electrons emerging from the depth of an antimony-cesium cathode on the nature of their energy distribution. G. A. Zheludeva. Vest. Mosk. un. Ser. 3: Fiz., astr. 17 no. 5 3-9 S-O '62.

Elastic neutrino and antineutrino scattering on electrons taking higher approximations into account [with summary in Russian]. Nguen Van-Khieu. Zhur. eksp. i teor. fiz. 43 no. 3 884-890 '62

Instability of the drift of carriers in solids and coherent phonon radiation. A. A. Vedenov, E. P. Velikhov. Zhur. eksp. i teor. fiz. 43 no. 3.1110-1112 '62.

Self-energy, spin, and radius of a free electron. L. I. Lebedev. Izv. vys. uch. zav., fiz. 3.38-40 '62.

Some regularities of electron passage through solids. A. IA. Vlasskin, A. N. Pillankovich. Fiz. tver. tela 4 no. 5 1036-1045 Ap '62.

Statistical theory of nonequilibrium processes in the system of electrons interacting with lattice vibrations. IU. L. Klimontovich. Fiz. met. i metalloved. 14 no. 5:513-518 O '62.

ELECTRONS—EMISSION

Electronic and ionic emission of faces (110) and (100) of large tungsten monocrystals. E. P. Sytaia, M. I. Smorodinova, N. I. Imangulova. Fiz. tver. tela 4 no. 4: 1016-1020 Ap '62.

ELECTRONS—SCATTERING

Single-electron approximation in collision theory [with summary in English]. B. A. Veklenko, I. V. Novobrantsev. Zhur. eksp. i teor. fiz. 43 no. 3.919-926 '62.

ELECTRONS—SPECTRA

Green's function of electrons in a metal and analysis of the electron spectrum [with summary in English]. A. A. Abrikosov. Zhur. eksp. i teor. fiz. 43 no. 3. 1083-1096 '62.

Hyperfine structure of electron paramagnetic resonance spectra of an electron delocalized in a system of equivalent potential wells. IU. I. Naberukhin, A. I. Burshtein. Fiz. tver. tela 4 no. 4:956-962 Ap '62.

Structure of the electron energy spectrum in crystals with a NaCl type lattice. V. A. Chaldyshev, S. D. Pavlov. Izv. vys. uch. zav.; fiz. 3:35-37 '62.

Theory of the electron energy spectrum of metals with a bismuth type lattice [with summary in English]. A. A. Abrikosov, L. A. Fol'kovskii. Zhur. eksp. i teor. fiz. 43 no. 3:1089-1101 '62.

ELECTROPHORESIS

Electrophoretic changes in the proteins during the process of preserving diphtheria serum. V. I. Salchuk, N. G. Milenina. Trudy NIVI 1 268-278 '60.

Electrophoretic study of the protein composition of the blood serum in endemic goiter. N. I. Makarevich, A. P. Krasil'nikova. Trudy Khab. med. inst. no. 20.141-146 '60.

ELECTROPHYSIOLOGY

Multicomponent primary response in the optical cortex and chiasm of a rabbit. L. M. Mukhametov. Nauch. dokl. vys. shkoly, biol. nauki no. 4:71-73 '62.

Neuron started talking. IUrii Shcherbak. Nauka i zhizn' 29 no. 6:50-53 Je '62.

"Spontaneous" rhythmical activity in the optic tract of a cat. V. P. Dulenko, E. N. Sokolov. Nauch. dokl. vys. shkoly, biol. nauki no. 4:79-83 '62.

Study of the cutaneogalvanic reflex as an index of the reactivity of the nervous system in chronic cholecystitis. A. M. Nogaller. Uch. zap. Pyat. gos. nauch.-issl. inst. 3:139-158 '60.

Temperature effect on gas exchange and the bioelectric activity of the brain and muscles of man during muscular work. L. A. Isaakian, R. P. Ol'shanskaia, G. A. Trubitsyna. Dokl. AN SSSR 149 no. 3:726-730 S '62.

With our colleagues. Nauka i zhizn' 29 no. 9:61-63 S '62.

ELECTROPHYSIOLOGY OF PLANTS

Principles of determining the physiological state of plants by the electrometrical method [in Armenian with summary in Russian]. A. G. Araratian. Izv. Glav. upr. sel'khoz. nauk i podgot. kad. Arm. SSR 5 no. 5:23-32 '62.

ELECTROPLATING

Ginberg, A. M. [Technology of electroplating and electroforming] Tekhnologiia gal'vanotekhniki. Leningrad, Sudpromgiz, 1962. 279 p.

ELECTROSTATIC SEPARATORS

Deficiencies of EKS-1250 electric separators. N. M. Karnaukhov, T. B. Tarasova. TSvet. met. 35 no. 10, 84-85 O '62.

ELECTROSTATIC SPRAY PAINTING see Spray painting, Electrostatic

ELEMENTARY EDUCATION see Education, Elementary

ELIZAROV, MARK TIMOFEEVICH, 1862-1912
Documentary materials concerning the revolutionary work of M. T. Elizarov in 1906 and 1912. A. F. Varlamova, L. A. Zhvakina. Ist. arkh. 6 no. 4 220-222 Jl-Ag '62.

ELLIPTIC FUNCTIONS see Functions, Elliptic

EMBALMING
Embalming individual extremities of a corpse following the filling of the arterial system with congealing matter. B. M. IAroslavtsev Uch. zap. Biol.-pochv. fak Kir. un. no 7-228-236 '58.

EMBANKMENTS
(see also subdivision under Penza)
Constructing embankments of loess soils V. I Nazarov Avt dor 25 no. 10 9 O '62
Embankments of chalk rocks. I. S Livshits Avt dor 25 no 10 8-9 O '62

EMBOLISM
Heart massage as a method of controlling air embolism in the coronary vessels. V. S. Ryshkin. Khirurgiia no. 9:56-62 '62.

EMBROIDERY see subdivision under Ukraine

EMBRYOLOGY—MAMMALS
Characteristics of the inheritance and embryonic development of piglings in crossing Large White and Swedish Landrace breeds. M. M. Aslanian. Nauch. dokl. vys. shkoly, biol. nauki no. 4 179-184 '62.
Periods in the development of animals. Report No. 1 Periods in the embryonic development of swine. IU. A. Mogakian Zool. zhur no 12 41-61 '62

EMBRYOLOGY—STUDY AND TEACHING
"Practical work in histology and embryology" by Z. S. Katsnel'son and I. D. Rikhter. Reviewed by P. A. Koval'skii. Nauch. dokl. vys. shkoly, biol. nauki no. 4: 208-209 '62.

EMBRYOLOGY (BOTANY) see Botany—Embryology

EMINENT DOMAIN (INTERNATIONAL LAW)
Vilkov, G. E. [Nationalization and international law] Natsionalizatsiia i mezhdunarodnoe pravo Moskva, Izd-vo IMO, 1962. 134 p.

EMOTIONS
Some characteristics of the emotional disorders in schizophrenia V. IA Ivaniuk Trudy Gos. nauch.-issl. inst. psikh 27:32-40 '61.

EMPLOYEE SUGGESTIONS see Suggestion systems

EMPLOYEES, IDENTIFICATION OF see Labor passports

EMPLOYEES, TRAINING OF see subdivision under Chelyabinsk

EMPLOYEES' REPRESENTATION IN MANAGEMENT
Trade unions and the improvement of industrial management. V. Prokhorov. Part. zhizn' no. 22:15-22 N '62.

EMPLOYERS' LIABILITY
Liability of industrial enterprises and governmental organizations for work injuries. R. Livshits. Sots. zakon. 30 no. 8:76-79 Ag '62.

Neuropsychiatric characteristics of chronic progressive tickborne encephalitis. I. B. Galant. Trudy Khab. med. inst. no. 20 103-113 '60.
Role of fleas in the circulation of the tick-borne encephalitis virus, experimental data. Z. G. Kulakova. Biul. MOIP. Otd. biol. 67 no. 4:144-145 Jl-Ag '62.

ENCYCLOPEDIAS AND DICTIONARIES
Bol'shaia sovetskaia entsiklopediia. [The 1962 yearbook of the Great Soviet Encyclopedia] Ezhegodnik, 1962. Red. kolleglia A. A. Arzumanian i dr. Glav. red. L. S. Shaumian. [Moskva] Gos. nauchn. izd-vo "Sovetskaia entsiklopediia" [1962] 623 p.
"Little Soviet Encyclopedia; the index volume." Reviewed by A. V. Kremenetskaia Sov. bibl. no. 4 85 '62.

ENCYRTIDAE see subdivision under Afghanistan, Armenia

END OF THE WORLD
(see also subdivision under India)
Prophets of the end of the world. A. IUrin. Nauka i rel. 4 no. 11, 37-41 N '62.

ENDOCARDITIS
Characteristics of diffuse nephritis in endocarditis lenta. I. I. Kryzhanovskaia, L. O. Rogachevskii, E. V. Shuleva. Vrach. delo no. 10 11-14 O '62.
Morphological changes in the kidneys in rheumatism and endocarditis lenta. G. N. Voronkovskaia. Vrach. delo no. 10 14-20 O '62.

ENDOCRINE GLANDS
Clinical characteristics of and some endocrinological indices in schizophrenia developing during the climacteric. I. IA. Gurovich. Trudy Gos. nauch.-issl. inst. psikh. 27 76-82 '61.
Influence of the endocrine system on the localization of infectious processes in the body P. N Kiselev. Trudy Len. khim.-farm. inst. no 13, 57-62 '61.

ENERGY-BAND THEORY OF SOLIDS
Calculation of the first excited state of the F-center with regard to degeneration. I. G. Zaslavskaia. Fiz. tver. tela 4 no. 4:963-967 Ap '62.
Investigation of the symmetry of energy bands in CdSb and ZnSb. V. E. Khartsiev. Fiz. tver. tela 1 no. 4: 983-991 Ap '62.
Recombination radiation of gallium arsenide. D. N. Nasledov and others. Fiz. tver. tela 4 no. 4:1062-1065 Ap '62.

ENGELS, FRIEDRICH, 1820-1895
Books once belonging to K. Marx and F. Engels now in the collections of the Leningrad Public Library; characteristics of N. F. Daniel'son's library. TS. I. Grin. Trudy [Len.] publ. bibl. 10:15-32 '62.
Fridlender, G. M. [K. Marx and F. Engels and problems of literature] K. Marks i F. Engel's i voprosy literatury. Moskva, Goslitizdat, 1962. 575 p.

ENGELS, FRIEDRICH, 1820-1895—MUSEUMS, RELICS, ETC.
Museum of the founders of Marxism. Nov. i noveish. ist no. 1.7-11 '62.

ENGINEERING—BIBLIOGRAPHY see Bibliography—Engineering

ENGINEERING—PERIODICALS
Conference of the readers of "Mashinostroitel'." I. G. IArygina. Mashinostroitel' no. 10:46 O '62.

ENGINEERING GEOLOGY
Pankukov, P. N [Engineering geology] Inzhenernaia [illegible]ia. Moskva, Gosgortekhizdat, 1962. 342 p.
[illegible]v, G. G., and I. I. Romanovskaia. [Geological [illegible]rlag observations in constructing and exploiting [illegible]t mines; methodological instructions] Inzhe[illegible]geologicheskie nabliudeniia pri stroitel'stve i [illegible]tatsii kar'erov; metodicheskie ukazaniia. Mo[illegible]osgeoltekhizdat, 1962. 58 p.

[illegible]RING TOLERANCES see Tolerance (Engineer-

[illegible]-COOLING
[illegible]g temperature conditions of air-cooled engines. [illegible]chenko. Visnyk sil'hosp. nauky 5 no. 9:34-41

[illegible] LANGUAGE
[illegible]V. D. [The English language] Angliiskii iazyk. [illegible], Izd-vo IMO, 1962. 64 p. (Azyki narodov

[illegible]onko, IU. P. [English language textbook for non[illegible]ic faculties and institutions of higher learning] [illegible]nyk z anglis'koi movy dlia nemovnykh fakul't[illegible]vuziv. Kharkiv, Vyd-vo Kharkivs'koho univ., [illegible]310 p. illus.
[illegible])

[illegible]. Gosudarstvennyi pedagogicheskii institut im. [illegible]arksa. [English and French philology] Anglo-frantsuzskaia filologiia; sbornik statei. [illegible]k, 1961. 84 p.
[illegible])

Veize, A. A., and B. E. Zarubin. [English [illegible] language textbook for the ninth grade of [illegible] schools] English, uchebnik angliiskogo [illegible] klassa srednei shkoly. Izd. 3. Moskva, [illegible] pedagog. izd-vo, 1961. 150 p.
(TNJ)
Veize, A. A., and B. E. Zarubin. [English, [illegible] language textbook for the tenth grade of [illegible] schools] English, uchebnik dlia angliiskogo [illegible] X klassa srednei shkoly. Moskva, Gos. [illegible] gog. Izd-vo, 1960. 172 p.
(TNJ)

ENGLISH LANGUAGE—AUDIO-VISUAL AIDS
Methods of work with substitution tables. [illegible] Inostr. iaz. v shkole no. 5 59-62 S-O '62.
Use of an epidiascope in the grades 5-7. [illegible] vich. Uch. angl. iaz. o svoei rab. no. [illegible]
Use of tape recorder and radio for the [illegible] practical knowledge of the language [illegible] Uch. angl. iaz. o svoei rab. no. 3 28 [illegible]

ENGLISH LANGUAGE—DICTIONARIES [illegible]
Borozina, A. M., and others, comps. [English [illegible] dictionary of graphic arts terms] Anglo[illegible] graficheskii slovar'. Pod obshchei red. A. A. [illegible] Moskva, Glav. red. inostr. nauchno [illegible] Fizmatgiza, 1962. 450 p.

ENGLISH LANGUAGE—GRAMMAR
Some types of speech exercises compiled [illegible] of the grammar material of the English [illegible] book for the seventh grade. M. V. [illegible] v shkole no. 5 29-33 S-O '62.

ENGLISH LANGUAGE—SPOKEN ENGLISH
From the practice of teaching eighth-[illegible] to understand oral speech. L. D. [illegible] angl. iaz. o svoei rab. no. 3:11-28 '62.
Play as a means of developing the skill [illegible] M. L. Denisova. Uch. angl. iaz. o svoei [illegible] 78 '62.

ENGLISH LANGUAGE—STUDY AND TEACHING
Editor's mail. I. I. Koval' and others. [illegible] shkole. no. 5:72-85 S-O '62.
Extracurricular work in the English lesson [illegible] Pioneers of the second and third grades. [illegible] zeva. Uch. angl. iaz. o svoei rab. no. [illegible]
From the editor. V. V. Kraevskii. Uch. angl. [illegible] rab. no. 3:3-5 '62.
Independent work of English language [illegible] Ginzburg. Inostr. iaz. v shkole no. [illegible]
Methodological work on texts in the form [illegible] Lothar Pohl. Inostr. iaz. v shkole [illegible] '62.
Play as a means of increasing the effici[illegible] language lessons. K. A Rodkin. Uch. [illegible] svoei rab. no. 3:47-72 '62.
Reading in English language lessons in [illegible] schools. L. S. Golovkina. Uch. angl. [illegible] no. 3:6-12 '62.
Standard extracurricular work on foreign [illegible] the Moscow Province schools. A. I. [illegible] angl. iaz. o svoei rab. no. 3:97-103 '62.
Work of the English language club. A. I. B[illegible] Uch. angl. iaz. o svoei rab. no. 3, 90 [illegible]

ENGLISH LANGUAGE—TEXTBOOKS FOR [illegible]
Mistetskii, A. S. [Chrestomathy on the [illegible] English language. Published as a textbook [illegible] studying foreign languages at universities [illegible] ic institutes] Khrestomatiia po leksikologii [illegible] iazyka. Dopushcheno kak uchebnoe posobie [illegible] dentov fakul'tetov inostrannykh iazykov [illegible] i pedagogicheskikh institutov. Kiev, [illegible] shkola, 1960. 382 p.
(MiD)

ENGLISH LANGUAGE—VERB
Construction "must" plus perfect infinitive [illegible] F. F. Titov. Inostr. iaz. v shkole no. [illegible] '62.
Special aspects of using the "present in[illegible] of the "present continuous" in oral [illegible] Shatukh. Inostr. iaz. v shkole no. [illegible]

ENSEMBLES (MATHEMATICS) see Ab[illegible]

ENSEMBLES (MUSIC)
Review of talent. A. Vladimirov. [illegible] 41 42 O '62.

ENSILAGE
New method for corn ensilage. A. P. [illegible] Repryntsev, I. P. Tereshchuk. Visnyk sil'[illegible] 5 no. 9, 98-100 S '62.
Procedures for determining ensilage [illegible] Uchet i fin. v kolkhoz. i sovkhoz. 19 [illegible] '62.
Zafren, S. IA. [Recent developments in [illegible] Novoe v silosovanii kormov. [Moskva] [illegible] 1962. 35 p.
(DNAL)

ENTIRE FUNCTIONS see Functions, Entire

ENTOMOLOGICAL RESEARCH see subdivision [illegible] Canada

ENTOMOLOGICAL SOCIETIES

Plenum of the Council of the All-Union Entomological Society of the Academy of Sciences of the U.S.S.R. on April 16-17, 1962. Ent.obozr. 41 no.3 701 '62

ENZYMES

Changes in the activity of some oxidizing enzymes during the growth of the onion (Allium cepa L.). G.G.Gabrielian. Izv.AN Arm.SSR, Biol.nauki 15 no.7:33-42 '62.

Fermentative activity of pathogenic fungi under the influence of antibiotics. V.V.Dobromyslov. Trudy Len khim.-farm.inst. no.13 102-112 '61.

ENZYMES—THERAPEUTIC USE

Enzymes as medicinal substances. S.F.Manolov. Trudy Len.khim.-farm.inst. no.13,5-10 '61.

EPIDEMIOLOGY

Discussion on the reports at the general meetings of the Academy of Medical Sciences and the Department of Hygiene, Microbiology and Epidemiology. Vest.AMN SSSR 17 no.5 121-123 '62

Further development of research on the theory of epidemiology. I.I.Rogozin. Zhur.mikrobiol., epid.i immun. 33 no.8:145-146 Ag '62.

Grinberg, G.D. Epidemiological study in a focus of infection] Epidemiologicheskoe obsledovanie v ochage infektsii Moskva, Medgiz, 1962 129 p (DNLM)

Some theoretical problems in epidemiology. A.A.Chasovnikov. Zhur.mikrobiol., epid.i immun. 33 no.8: 141-144 Ag '62.

Work of the Bureau of the Department of Hygiene, Microbiology and Epidemiology for 1960-1961 and the problems of the scientific research institutes of the Department in the light of the resolutions of the 22d Congress of the CPSU. G.V.Vygodchikov. Vest.AMN SSSR 17 no.5 118-121 '62.

EPIDEMIOLOGY—CONGRESSES

Fifth scientific session of the Khabarovsk Institute of Epidemiology and Microbiology. A.U.Easel'. Zhur.mikrobiol., epid.i immun. 33 no.1:160-161 Ap '62.

First All-Russian Congress of the Scientific Society of Epidemiologists, Microbiologists and Infectious Disease Specialists. V.V.Skvortsov. Zhur.mikrobiol., epid.i immun. 33 no.4:157-160 Ap '62.

Scientific conference of the Arkhangel Institute of Epidemiology, Microbiology and Hygiene. M.P.Belov. Zhur.mikrobiol., epid.i immun. 33 no.4:161-163 Ap '62

EPIDEMIOLOGY—PERIODICALS

Increase the role of journals for subprofessional medical workers in their sanitary and epidemiological work. V.D.Belikova-Aldakova, V.N.Dodonov. Sov.zdrav. 21 no.10-11-92 '62

EPINEPHRIN see Adrenaline

EPIPHYTES

First occurrence of Chytridiochloris scherffelii (Pasch.) Ettl in the U.S.S.R. P.A.Obukh. Bot.mat.Otd.spor.rast. 15:57-62 Ja '62.

EPITHELIUM—TRANSPLANTATION

Effect of sublethal X-ray irradiation on the induction process caused by transitional epithelium in the connective tissue [with summary in English]. A.IA.Fridenshtein. Biul.eksp.biol.i med. 53 no.6:80-84 Je '62.

EQUATIONS—NUMERICAL SOLUTIONS

Kaplan, I.A. [Practical studies in the numerical solution of algebraic equations; textbook for students of higher technical schools] Prakticheskie zaniatiia po chislennomu resheniiu algebraicheskikh uravnenii; posobie dlia studentov vysshikh tekhnicheskikh uchebnykh zavedenii. Khar'kov, Izd-vo Khar'kovskogo univ., 1962. 54 p.

EQUATIONS, INDETERMINATE see Diophantine analysis

EQUATIONS, LINEAR see Linear equations

EQUIVALENT CIRCUITS

Equivalent circuits of electronic amplifiers of some automatic control devices in ore-dressing plants. V.M.Kirpichnikov. Izv.vys.ucheb.zav., gor.zhur. no.9:140-147 '61.

ERGOCALCIFEROL

Study of the effect of vitamin D_2 on the excitability of tissue chemoreceptors in healthy animals. G.G. Dzhvarisheishvili. K izuch.roli nerv.sist.v pat., immun.i lech.tub. no.2:365-368 '61.

ERGOMETER see Dynamometer

ERGOT—TOXICOLOGY

"Saint Anthony's fire." V.Kalnin. Nauka i rel. no.5: 24-25 My '62.

ERHARD, LUDWIG, 1897-

Ludwig Erhard. Mir.ekon.i mezhdunar.otn. no.11: 139-140 N '62.

ERISMAN, FEDOR FEDOROVICH, 1842-1915

A life devoted to Russia. M.Khromchenko. Zdorov'e 8 no.11 23-24 N '62.

ERIVAN—TELEVISION PLAYS

With us in Erivan. N.Kagramanov. Sov.rad.i tel. 6 no.6:28-29 '57.

ERIVAN REGION—ARCHITECTURE, VANNIC

Oganesian, K.L. Arkh-berd. Erevan, Izd-vo Akad.nauk Armianskoi SSR. (Arkheologicheskie raskopki v Armenii, no.9)

Vol.I. [Architecture of Erebuni based on excavation materials of 1950-1959] Arkhitektura Erebuni po materialam raskopok 1950-1959 gg. 1961. 113 p.

ERMAKOV, IVAN FEDOROVICH

Creative people. T.Sterkin. Sov.rad.i tel. 6 no.5: 23-24 '57.

EROSION

(see also subdivision under Pavlodar Province, Poltava Province, Salekhard, Spitak District)

In the Ministry of Agriculture of the U.S.S.R. Zemledelie 24 no.9,85-87 S '62.

Principles of erosion control in agricultural intensification. S.I.Sil'vestrov. Izv.AN SSSR Ser.geog. no.5 58-64 S-O '62.

Sobolev, S.S. [Preventing soil erosion and increasing soil fertility] Zashchita pochv ot erozii i povyshenie ikh plodorodiia. Moskva, Izd-vo sel'khoz lit-ry, zhurnalov i plakatov, 1961 230 p. (DNAL)

Surface runoff and processes of soil erosion in the clearcut areas of pine and larch forests in the Buryat A.S.S.R. as exemplified by the Zaigrayevo Forest Working Circle. I.I.Khutorteev. Trudy Inst.lesa i drev. 54 235-277 '62

ERYSIPELOTHRIX RHUSIOPATHIAE

Case of the isolation of the Erysipelothrix pathogen from gamasid mites. O.V.Ovagnpian, V.V.Oganesian. Zhur.mikrobiol., epid.i immun. 33 no.4:123-124 Ap '62.

ERYTHROCYTES

Determining the erythrocyte content of the peripheral blood by means of the FEK-M photocolorimeter. Voen.med.zhur. no.9 72-73 S '61.

ERYTHRONIC ACID

Determination of glycolic and erythronic acids in decomposition products of oxycelluloses. A.M. Pakhomov, V.M.Prostiakova, V.I.Ivanov. Izv.AN SSSR, Otd.khim.nauk no.9 1671-1672 S '62.

ESCHERICHIA COLI

Effect of disinfectants on the morphology and biology of a bacterial cell (Electron microscope study on structural and morphological changes of Escherichia coli) [with summary in English]. A.M.Malchenkov. Zhur.mikrobiol., epid.i immun. 33 no.8,3-8 Ag '62.

Effect of some water mosses on the survival of saprophytic bacteria and Escherichia coli. K.A.Kokin, T.Z. Timofeeva. Nauch.dokl.vys.shkoly; biol.nauki no.4 164-167 '62.

Sanitary index significance of citrate-assimilating varieties of Escherichia coli [with summary in English]. M.D.Krylova. Zhur.mikrobiol., epid.i immun. 33 no.4:100-104 Ap '62.

Survival of coli bacilli in water at various temperatures and with minimal concentrations of nutritive substances [with summary in English]. M.G.Kichenko. Zhur. mikrobiol., epid.i immun. 33 no.8:25-29 Ag '62.

ESOPHAGUS—FOREIGN BODIES

"Squeezing out" of foreign bodies from the esophagus [with summary in English]. B.N.Nevskii. Sov.med. 26 no.8:92-98 Ag '62.

ESOPHAGUS—SURGERY

Pleuropulmonary complications following transthoracic operations on the esophagus and cardia; clinical X-ray observations [with summary in English]. K.B.Kiymova, R.R.Golonzko, T.V.Kotlukova. Grud.khir. no.4:89-95 Jl-Ag '62.

Surgery on the cardia and lower segment of the esophagus with preservation of the arcus costarum [with summary in English]. P.N.Napalkov, A.U.Kramer. Grud.khir. no.4:82-89 Jl-Ag '62.

ESSENCES AND ESSENTIAL OILS

Thermal decomposition of linalyl acetate. F.V.Gol. Izv.vys.ucheb.zav.; pishch.tekh. no.5,38-39 '62.

ESTERS

Preparation of α,ω-diols by the destructive hydrogenation of polyesters. S.G.Poltakova, V.N.Belov. Zhur. VKHO 7 no.5:578-579 '62.

Synthesis of alkylene carbonates. S.Z.Levin, A.L. Shapiro, I.S.Liubovskii. Neftekhimiia 2 no.4:573-576 Jl-Ag '62.

Synthesis of ethers and esters of 1,2-dioxyethylene and their conversions. M.F.Shostakovskii, N.V.Kuznetsov, IAn Chzhe-min' [Yen Chê-min]. Izv.AN SSSR. Otd.khim.nauk no.9 1695-1696 S '62.

Synthesis of higher unsaturated dicarboxylic acids by the electrolysis of lower acid monoesters in the presence of 1,2-butadiene. M.IA.Floshin and others. Neftekhimiia 2 no.4 557-565 Jl-Ag '62

ESTONIA—BOTANICAL RESEARCH

"Botanical studies" [in Estonian with summaries in Russian, English and, German], no.1. Reviewed by F.Kh.Bakhteev. Bot.zhur. 47 no.8:1221-1222 Ag '62.

ESTONIA—CATALOGS, PUBLISHERS'

Mezhdunarodnaia kniga. [State Publishing House of the Estonian S.S.R., books in the Estonian language] Eesti NSV Riiklik Kirjastus, eestikeelsed raamatud. Moskva, 1957. 75 p. (Sovetskie knigi (novinki). Katalog dlia zakazok, no.10ia) [Text in Estonian and Russian]

ESTONIA—CULTURE

The Estonian Radio on the ten-day festival held in Moscow. Sov.rad.i tel. 6 no.1:16 '57

ESTONIA—HISTORY

Teder, M., comp. [The day has come; stories of those who participated in the revolutionary events of 1940 in Estonia] Siubus paev, 1940 aasta revolutsioonilistest sundmustest osavotjad jutustavad. Tallinn, Eesti Riiklik Kirjastus, 1960. 379 p. [In Estonian] (MH)

ESTONIA—JOURNALISM

The calculation proved right. Sov.pech. no.10:14 O '62.

ESTONIA—RADIO IN AGRICULTURE

Studio for radio lectures. V.Ivanov. Sov.rad.i tel. 6 no.1:11 '57

ESTONIA—RADIO IN INDUSTRY

Life prompts.... V.Kalpus. Sov.rad.i tel. 6 no.1: 14 '57.

ESTONIA—RADIO PROGRAMS

The Estonian Radio on the ten-day festival held in Moscow. Sov.rad.i tel. 6 no.1:15 '57.

Saturday evening. Kh.Tiidus. Sov.rad.i tel. 6 no.1: 14 '57.

ESTONIA—STATE FARMS

Cybernetics on the "Luunja" State Farm. IU.Kotler. Sov.Sotr. no.11:17 '62.

ESTONIA—VIEWS

[My native land, to thee,...] Sulle, Mu Maa. Tallinn, Eesti Riiklik Kirjastus, 1962. 125 p. (chiefly illus.) [In Estonian, Russian, German, and English]

ESTONIA—WAR CRIMES

[Unmasked murderers] Marvarid maskita. Tallinn, Eesti Riiklik Kirjastus, 1961. 155 p. [In Estonia] MH

ESTONIAN NEWSPAPERS

Laul, Endel. [From the history of the Estonian workers' press from its inception to the October Revolution] Eesti toolisajakirjanduse ajaloost, rajamisest kuni Oktoobripaevadeni. Tallinn, Eesti Riiklik Kirjastus, 1962. 318 p. [In Estonian]

ESTONIAN PERIODICALS

Laul, Endel. [From the history of the Estonian workers' press from its inception to the October Revolution] Eesti toolisajakirjanduse ajaloost; rajamisest kuni Oktoobripaevadeni. Tallinn, Eesti Riiklik Kirjastus, 1962. 318 p. [In Estonian]

ETHANE

Calculating the process of ethane pyrolysis by means of the "Ural-1" electronic digital computer. E.A. Feigin and others. Neftekhimiia 2 no.4 498-506 Jl-Ag '62.

Complex compounds in the system copper ion - nitrilo - thiocyanate. Part 4: Preparation of complexes and study of extractibility of copper (II) complexes by dichloroethane. A.S.Babenko, V.N.Tolmachev. Ukr. khim.zhur. 28 no.3:287-293 '62.

ETHER (ANESTHETIC)—PHYSIOLOGICAL EFFECT

Effect of ether anesthesia on the course of anaphylaxis. E.IA.Kladnitskaia. Zhur.mikrobiol., epid.i immun. 33 no.8:128 Ag '62.

ETHERS

Addition of diethyldithiophosphoric acid to vinylaryl sulfides and vinyl ethers. E.N.Prilezhaeva, L.V. TSymbal, M.F.Shostakovskii. Izv.AN SSSR, Otd.khim.nauk no.9:1679-1681 S '62.

Effect of ethers on the chain structure in the stereospecific polymerization of butadiene. B.S.Turov and others. Dokl.AN SSSR 146 no.5:1141-1142 O '62.

New polymers of vinyl ethers. Report No.2: Heterogeneous catalyst of stereospecific polymerization at room temperature. M.F.Shostakovskii and others. Izv.AN SSSR, Otd.khim.nauk no.10:1813-1817 O '62.

Quantitative and qualitative analyses of mixtures of cyclic ethers by means of gas-liquid chromatography. N.I.Shuikin, B.L.Lebedev, V.V.An. Izv.AN SSSR, Otd.khim.nauk no.10:1868-1869 O '62

Synthesis of ethers and esters of 1,2-dioxyethylene and their conversions. M.F.Shostakovskii, N.V.Kuznetsov, IAn Chzhe-min' [Yen Chê-min]. Izv.AN SSSR Otd.khim.nauk no.9:1695-1696 S '62.

ETHIOPIA—DESCRIPTION AND TRAVEL

Suvanberdiev, Turgunbek. [In the land of the Blue Nile, travel notes] V strane Goluboge Nila, puteviye zametki Frunze, Kirgizskoe gos. izd-vo, 1961 51 p (NNC)

ETHNOLOGY
(see also subdivision under Latvia, Zeravshan Valley)
Report on the activities of the Ethnographic Section of the Geographical Society of the U S S R. during the years 1958-1960 Mat. po Otd. etn. Geog. ob-va SSSR no. 1:59-60 '61

ETHNOLOGY—BIBLIOGRAPHY see Bibliography—Ethnology

ETHYL ALCOHOL
Effect of ethyl alcohol on the sorption of strontium ions by active manganese dioxide. IU V Egorov, V. V Pushkarev, E. V. Tkachenko Radiokhimiia 4 no 3: 371-373 '62.
Laboratory method of obtaining ethyl alcohol by acid hydration of ethylene. I. K. Khristich. Khim. v shkole 17 no. 4:62-66 Jl-Ag '62.
Study of the conversion of ethyl alcohol to acetaldehyde by the method of separate calorimetric measurement. Part 2 Role of oxygen in the process of alcohol conversion. T. P. Kornienko, F. G. Kapustina, M. V. Polikarov. Ukr. khim. zhur. 28 no. 3:343-346 '62.

ETHYL ETHER
Purification of ethyl ether by sodium bisulfite solutions on bubble trays. V. N Kochetkov Zhur. VKHO 7 no. 5:589-591 '62.

ETHYLENE
Condensation of formaldehyde with trifluoroethylene. I. L Knuniants and others. Izv. AN SSSR Otd khim nauk no. 9.1676-1677 S '62
Pyrolytic reactions of trifluoroethylene. I L Knuniants, L S German, I. N. Rozhkov Izv. AN SSSR. Otd khim. nauk no 9 1674-1676 S '62
Telomerization between ethylene and dihalo derivatives of methane I B Afanas'ev, A A. Beer Neftekhimiia 2 no 4 611-615 Jl-Ag '62
Telomerization of bromochloromethane with ethylene. I. B. Afanas'ev, A. A. Beer. Zhur. VKHO 7 no. 5:595-597 '62.

ETHYLENE—SPECTRA
Infrared spectra of 1-phenyl-2-trifluoro methyl ethylene and its derivatives IU P. Egorov, V F Lukhmachev, L M. IAgupol'skii Izv. AN SSSR. Ser fiz no 10 1276-1277 O '62

ETHYLENE—THERMAL PROPERTIES
Thermophysical characteristics of polyvinyl chloride plastics. V. M. Anikeenko. Izv. vys. uch. zav., fiz. 3 121-123 '62.

ETHYLENE GLYCOL
Complex compounds of tetravalent platinum with glycol. A A. Grinberg, IUan' Kan [Ilan K'ang], Zhur. neorg. khim. 7 no. 10:2304-2310 O '62.
Synthesis of ethers and esters of 1, 2-dioxyethylene and their conversions M. F Shostakovskii, N V Kuznetsov, IAn Chzhe-min' [Yen Ch'ê-min] Izv AN SSSR. Otd khim nauk no. 9:1695-1696 S '62

ETHYLENEDIAMINE
Ethylenedinitrodiamine in the reaction of addition to α,β-unsaturated ketones I S Ivanova, N N Bufetova, S S. Novikov. Izv AN SSSR Otd khim. nauk no 10 1858-1859 O '62

ETHYLENIMINE
Effect of the dosage and stage of gametogenesis on ethylenimine-induced mutations [with summary in English]. I. A. Rapoport. Biul. MOIP. Otd. biol. 67 no. 4:109-123 Jl-Ag '62.

ETZDORF, HASSO VON, 1900-
Bonn's Ambassador to London. Nov vrem. 20 no. 45 27-28 N '62

EUGLENOPHYTA see subdivision under Parabol' region

EUROPE
Devonian sediments of Siberian principal sections and their correlation with those of Europe. M. A. Rzhonsnitskaia. Sov. geol. 5 no. 10:16-27 O '62.

EUROPE—ECONOMIC POLICY
U. S. S. R. is for cooperation in the interests of peace [with English summary in appendix]. M. Pochkaeva, D. Andreev. Vnesh. torg. 42 no. 10:3-8 '62.

EUROPE—SOILS—MAPS
International seminar on the soil map of Europe. I. G. Izv. AN SSSR. Ser. geog. no. 5 176-178 S-O '62.

EUROPE, EASTERN—COMMERCE
Some data on the international socialist division of labor [with English summary in appendix]. V. Rybalkin. Vnesh. torg. 42 no. 10:27-33 '62.

EUROPE, EASTERN—DIVISION OF LABOR
New stage in the economic cooperation of socialist countries. IU. Shkarenkov. Sots. trud 7 no. 10:11-18 O '62.

Some data on the international socialist division of labor [with English summary in appendix]. V Rybalkin. Vnesh torg. 42 no. 10 27-33 '62.

EUROPE, EASTERN—FOREIGN ECONOMIC RELATIONS—RUSSIA
Motto fraternal cooperation. Ogonek 10 no 25-1-2 Je '62

EUROPE, EASTERN—INDUSTRIAL MANAGEMENT
Some problems of industrial management in the people's democracies. N. Korviakov. Ekon. Rad. Ukr. no. 4, 111-113 Jl-Ag '62.

EUROPE, EASTERN—STOCK AND STOCKBREEDING
Communal stockbreeding in the European people's democracies. S. Lakomskoe Ekon. sel'khoz. 33 no 8 118-120 Ag '62.

EUROPE, EASTERN—WORLD WAR, 1939-1945—*UNDERGROUND MOVEMENTS*
"How the peoples of Slavic countries struggled against fascist oppressors, 1939-1945" by V Klokov. Reviewed by N. I. Gerlach Nov. i noveish. ist. no. 1:146-149 '62.

EUROPE, WESTERN—FOREIGN ECONOMIC RELATIONS—UNDERDEVELOPED AREAS
The Common Market is a collective attack of the colonialists. [with summary in English, p. 232-233] Nar Az. i Afr no. 5 60-69 '62.

EUROPE, WESTERN—GOVERNMENT OWNERSHIP
"Government ownership in Western Europe." Reviewed by V Vinogradov Mir. ekon. i mezhdunar otn no. 11 148-151 N '62.

EUROPEAN COMMON MARKET see European Economic Community

EUROPEAN CORN BORER—BIOLOGICAL CONTROL
Microbiological method of controlling the European corn borer (Pyrausta nubilalis H.). V. Z Tselik. Trudy Vses nauch.-issl. inst. lub kult no. 24 327-331 '59

EUROPEAN ECONOMIC COMMUNITY
The Common Market is a collective attack of the colonialists. [with summary in English, p. 232-233]. Nar. Az. i Afr no 5 60-69 '62
The foreign and domestic policy of Great Britain; results and prospects. J. R. Campbell. Mezhdunar. zhizn' 9 no. 11:33-42 N '62.
How the All-India Trade-Union Congress looks at the Common Market. S. A. Dange. Vsem. prof. dvizh. no. 8/9 19-20 Ag-S '62.
International trade-union conference on the economic and social consequences of the Common Market. J. W. Vsem. prof. dvizh. no. 8/9:17-18 Ag-S '62.
United States faces the dilemma of the "Common Market." J. Wheeler. Mezhdunar. zhizn' 9 no. 11:134-137 N '62.

EUROPEAN ECONOMIC COMMUNITY COUNTRIES—ECONOMIC POLICY
A discussion of economic "planning" in European Economic Community Countries. I. Noskova. Mir. ekon. i mezhdunar. otn. no. 11.108-109 N '62.

EUROPEAN ECONOMIC COMMUNITY COUNTRIES—FOREIGN ECONOMIC RELATIONS—AFRICA
"Eurafrica" against Africa A Goncharov, A Rubinin Mir ekon i mezhdunar. otn no 11 95-107 N '62

EUROPEAN ECONOMIC COMMUNITY COUNTRIES—FOREIGN ECONOMIC RELATIONS—UNITED STATES
Atlantic imperialism, its history and present-day development. B. Likhachev. Mir. ekon. i mezhdunar. otn no. 11:82-98 N '62.

EUROPEAN ECONOMIC COMMUNITY COUNTRIES—*LABOR AND LABORING CLASSES*
Workers and the Europe of trusts V. Liubimova, O. Sal'kovskii. Mir ekon. i mezhdunar. otn. no. 11: 72-81 N '62.

EUROPEAN FEDERATION
Stronghold of peace on earth. IU. Frantsev. Mezhdunar. zhizn' 9 no. 11:100-103 N '62.

EUROPEAN WAR, 1914-1918
(see also subdivision under Azerbaijan)
Interference of the imperialist powers in Soviet-Chinese negotiations of 1917-1918 [with summary in English, p 233]. S. S. Khuseinov. Nar. Az. i Afr. no. 5 83-91 '62.
Mimik, V. K. [Studying the topic "First World War, 1914-1918" in the modern history course] Izuchenie temy Pervaia mirovaia voina 1914-1918 gg. v kurse novoi istorii. Moskva, Uchpedgiz, 1960. 97 p. (Iz opyta uchitelia)
(CLU)
Popov, K., ed. [Erivan Guards in the Great War; materials for the history of the regiment edited by the historical committee of the regiment] Leib-Erivantsy v Velikoi voine; materialy dlia istorii polka v obrabotke polkovoi istoricheskoi komissii. Paris, 1959. 243 p. illus. maps, facsims.
(NB)

EUROPEAN WAR, 1914-1918—NAVAL OPERATIONS
The 45th anniversary of the Battle of Moosund. Voen.-ist. zhur. 4 no. 10:126-127 O '62.

EUROPEAN WAR, 1914-1918—PRISONERS AND PRISONS, GERMAN
Participation of the German war prisoners in the defense of the achievements of the Great October Socialist Revolution, November 1917-November 1918. I. M Krivogor. Uch. zap. kaf. ist. mezhdunar. otn i nats.-osv. dvizh. no. 1:130-144 '59.

EVAPORATING APPLIANCES
Improved method of thermal calculation of evaporating systems. E. I. Taubman. Izv. vys. ucheb. zav.; pishch. tekh. no. 5.120-126 '62.

EVAPORATION see subdivision under Ladoga, Lake

EVENING AND CONTINUATION SCHOOLS
(see also subdivision under Dnepropetrovsk, Novosibirsk, Sverdlovsk Province)
For those who work and study Vest vys shkoly 26 no 10 60-67 O '62.
Ways and methods of improving vocational qualifications of evening (staggered) school students during the study of general subjects. A. M. Levashov. Dokl. APN no. 3 13-16 '62.

EVENKI NATIONAL AREA—ECONOMIC GEOGRAPHY
"To the land of taiga pathfinders" by Z. L. Dicharov and "On the glaciers of Novaya Zemlya" by F. M. Zinger. Reviewed by A. I. Alekseev. Priroda 51 no. 10:122-123 O '62.

EVICTION
Rulings of the Judicial Collegium for Civil Cases of the Supreme Court of the U. S. S. R. Biul. Verkh. Suda no. 5:31-33 '62.

EVIDENCE, EXPERT
Multipurpose forensic expertise N. Selivanov Sots. zakon 32 no 11 37-40 N '62
Public participation in forensic expertise. A. Shilakhov. Sov. iust. no. 20 3-5 O '62.

EVOLUTION
Veselov, E. A. [Evolution of animals and plants] Evoliutsiia zhivotnykh i rastenii Moskva, Izd-vo "Znanie," 1962 47 p. (Narodnyi universitet kul'tury: Estestvennonauchnyi fakul'tet, no. 9)

EVTUSHENKO, EVGENII ALEKSANDROVICH
"Gentleness" by Evgenii Evtushenko. Reviewed by S. Chudakov. Ogonek 10 no. 44:25 O '62.

EXCAVATING MACHINERY
(see also subdivision under Great Britain)
Automatic calculation of the new working time of single-bucket excavators P. S Trebunskikh Vop gidr. no. 5:118-121 '62
Calculation of the optimum conditions for digging up ground by the working part of a rotary bucket excavator. V IU Chudnovskii Izv vys. ucheb. zav., gor. zhur 5 no. 8:136-141 '62.
Choosing efficient geometry of the cutting parts of buckets on a rotary wheel. B. V. Arlamnov. Izv. vys. ucheb. zav., gor. zhur. no. 9:97-103 '61.
Determining the work area of excavators in conjunction with the mine transportation system. S. S. Skorykh. Izv. vys. ucheb. zav., gor. zhur. no. 10:55-59 '61.
Efficient parameters of working faces and diagrams for working jobs with rotary bucket excavators. A. E. Rozenplenter. Izv. vys. ucheb. zav.; gor. zhur. no. 8: 15-20 '61.
Gogunskii, G. G., and G. D. Kaliuzhnyi [Mounted and semimounted tractor plows, scarifiers, and diggers] Navesnye i polunavesnye traktornye pluги, rykhliteli, kamokopateli. Moskva, Mashgiz, 1962. 169 p. (DNAL)
Improving the wheel of the excavator for working frozen ground. A. S. Gel'fond. Stroi. i dor. mash. 7 no 9:13-13 S '62.
Increasing the productivity of excavators. N. A. Larionov. Gor. zhur. no 11:15-17 N '62.
New design of the teeth of the EKG-4 excavator for rock excavation. A. I. Drok. Stroi. i dor. mash. 7 no. 8:14-15 S '62.
Pankratov, S. A. [Fundamentals of the design of main units of excavators and cranes] Konstruktsiia i osnovy rascheta glavnykh uzlov ekskavatorov i kranov. Moskva, Mashgiz, 1962. 530 p.

EXCISION OF HIP
Supracondylar hip amputation in gas gangrene infection. IU. V. Astrozhnikov. Vest. khir. 89 no. 8 74 Ag '62.

EXCITONS
Oriented strain effect on the direct and indirect excitation spectrum of ground state excitons in Cu_2O crystals. E. F. Gross, A. A. Kaplianskii, V. T. Agekian. Fiz. tver. tela 4 no. 4:1009-1015 Ap '62.
Zeeman effect of indirect excitons in a cuprous oxide crystal. E. F. Cross, B. P. Zakharchenia, A. I. Sibitev. Fiz. tver. tela 4 no. 4:1003-1008 Ap '62.

EXERCISE
Temperature effect on gas exchange and the bioelectric activity of the brain and muscles of man during muscular work. L. A. Isaakian, R. P. Ol'minskaia, G. A. Trubitsyna. Dokl. AN SSSR 146 no. 3:728-730 S '62.

EXERCISE THERAPY

To take care of your heart, train it! V. L. Strakovskaia. Zdorov'e 8 no. 10,25-26 O '62

EXHIBITIONS

What the U. S. S. R. will show abroad. A. Morozov, A. Popov, P. Chervinkov. Vnesh. torg. 42 no. 10-18-19 '62

EXPANSION OF LIQUIDS

Demonstrating the characteristics of thermal expansion of water. A. V. Emel'ianov. Fiz. v shkole 22 no. 4, 62-63 Jl-Ag '62

EXPERT EVIDENCE see Evidence, Expert

EXPLOSIONS

F. I. Shemakin's article "Expansion of a gas cavity in a noncompressible elastoplastic medium, study of the action of an explosion on the ground" and N. S. Medvedeva and E. I. Shemakin's article "Strain waves caused by underground explosion in rocks." S. S. Grigorian and others. Izv. AN SSSR, Otd. tekh. nauk. Mekh. i mashinostr. no. 5 173-177 S-O '62.

EXTRACTION (CHEMISTRY)

Complex compounds in the system copper ion - nitron - thiocyanate. Part 4. Preparation of complexes and study of extractibility of copper (II) complexes by dichloroethane. A. S. Babenko, V. N. Tolmachev. Ukr. khim. zhur. 28 no. 3,287-293 '62.

Mechanism of the extraction of substances from porous materials. V. P. Musienko, M. V. Tovbin. Ukr. khim. zhur. 28 no. 3:315-321 '62.

Synergetic and antagonistic effects in the extraction of plutonium compounds. M. Taube. Radiokhimiia 4 no. 3:260-272 '62.

EXTREMITIES (ANATOMY)—INNERVATION

Effect of deafferentation of the extremity on the blood system and the development of a focus of specific inflammation in the skin of dogs. D. L. Kan. K izuch. roli nerv. sist. v pat., immun. i lech. tub. no. 2,212-218 '61.

EXTREMITIES, LOWER—DISEASES

Single-stage parallel plethysmography in obliterating lesions of the vessels of the lower extremities [with summary in English]. O. S. Kushakovskii. Sov. med. 26 no. 8:28-32 Ag '62.

EXTREMITIES, LOWER—FRACTURES

Apparatus for the reposition and fixation of fragments in diaphysial fractures of the bones of the lower extremities. I. F. Borodin. Zdrav. Bel. 8 no. 5,59-60 My '62.

EXTREMITIES, LOWER—INNERVATION

Effect of neuroplegic substances on chemoreception [with summary in English]. Iu. I. Vikhliaev. Uch. zap. inst. farm. i khimiotер. AMN SSSR 2:111-120 '60.

EXTRUSION (METALS)

Calculating forces during the extrusion of aluminum alloy rods. A. A. Pozdeev and others. Izv. vys. ucheb. zav.; tsvet. met. 5 no. 5:145-156 '62.

EYE—DISEASES AND DEFECTS

Late outcomes of late pregnancy toxemias with changes in the fundus oculi. M. N. Krol'. Sov. med. 26 no. 8: 132-136 Ag '62.

Zolotareva, M. M. [Eye diseases; a textbook for the practicing ophthalmologist] Glaznye bolezni; posobie dlia prakticheskogo vracha-oftal'mologa. Minsk, Gos. izd-vo BSSR. Redaktsiia nauchno-tekhn. lit-ry, 1961, 546 p.
(DNLM)

EYE—TUBERCULOSIS

Dispensary treatment of tuberculosis of the eyes. E. M. Slastenova. Sov. zdrav. Kir. no. 5:43-48 S-O '62.

EYELIDS—SURGERY

Methods for dermatoplasty of the lower eyelid. S. F. Vasil'eva. Trudy Nauch.-issl. inst. stom. no. 10:72-78 '62.

FAÇADES

Akademiia budivnytstva i arkhitektury URSR. Institut stroitel'nykh materialov i izdelii. [Colored ceramic facing materials] Kol'orovi keramichni oblytsiuvannia. Za red. A. V. Zhukova. Kyiv, Derzhbudvydav URSR, 1962. 85 p.

FAÇADES—MAINTENANCE AND REPAIR

Kolodei, A. P., G. F. Khanin, and Sh. Iu. TSeitlin. [Elements of the projecting parts on building facades; their maintenance and repair] Konstruktsii vystupaiushchikh chastei na fasadakh zdanii, ikh soderzhanie i remont. Pod obshchei red. G. F. Khanina. Moskva, Izd-vo M-va kommun. khoz. RSFSR, 1962. 198 p.

FACTORIES—DESIGN AND CONSTRUCTION

Color in the shop. M. Pavlov. Zdorov'e 8 no. 10:9 O '62.

Design and planning of leather enterprises. N. N. Gerasakin. Kozh.-obuv. prom. 4 no. 10:5-8 O '62.

"Technology and aesthetics" by V. Beletskaia. Reviewed by L. Kratchik, V. Etinger. Sots. trud 7 no. 10:152-154 O '62.

FACTORIES—HEATING AND VENTILATION

Ventilation units in industrial enterprises abroad. L. N. Lapshina. Opyt zarub. stroi. no. 3:65-97 '62.

FACTORY MANAGEMENT

(see also subdivision under Kazakhstan)

Using electronic computers in the automation of technological planning processes. A. M. Gil'manov. Avt. prom. 28 no. 9:1-3 S '62

FACTORY SANITATION

Profsoiuz rabochikh mashinostroeniia SSSR. [Safety and sanitation regulations in forge and press shops] Pravila tekhniki bezopasnosti i proizvodstvennoi sanitarii v kuznechno-pressovom proizvodstve. Utverzhdeny postanovleniem Prezidiuma TsK Profsoiuza rabochikh mashinostroeniia 19 marta 1959 g. Moskva, Mashgiz, 1961. 62 p.

FAEROE ISLANDS REGION—OCEANOGRAPHY

Hydrology in the Faeroe-Iceland area. M. A. Bogdanov and others. Trudy VNIRO 46,61-64 '62.

FALL WEBWORM

Churaev, I. A. [American fall webworm] Amerikanskaia belaia babochka. Izd 2., ispr. i dop. Moskva, Sel'khozizdat, 1962. 101 p.
(DNAL)

FALLOWING

Kuznetsov, A. I. [Early potatoes in green fallow] Rannii kartofel' v zaniatom pare. Moskva, Izd-vo M-va sel'. khoz. RSFSR, 1961. 57 p.
(DNAL)

FAMILY

Selishchev, I. P. [Family of an officer] Sem'ia ofitsera. Moskva, Voenizdat, 1962. 118 p.

FANS, ELECTRIC

PVK-2 electric fans in the boiler plant of the "Peking"-type tank vessel. V. I. Lanin. Sudostroenie 28 no. 9 29-31 S '62.

FANTASY

Delirium-like fantasy syndrome. IA. Kh. Svirinovskii. Trudy Gos. nauch.-issl. inst. psikh. 27:300-306 '61.

Fantasy formation syndrome in hysterical psychopathy. V. A. Gurieva. Trudy Gos. nauch.-issl. inst. psikh. 27: 260-275 '61.

FAR EAST—WATER, UNDERGROUND

Investigation of underground waters in the countries of Asia and the Far East. I. V. Garmonov, A. A. Konopliantsev. Vest. AN SSSR 32 no. 10:75-77 O '62

FAR EAST, SOVIET see Soviet Far East

FARM EQUIPMENT

Take it, farmer! Mest. prom. i khud. promys. 3 no. 8: 8 Ag '62.

FARM MANAGEMENT

(see also subdivision under Kirghizistan)

Collective and state farm assistant manager. S. Lein. Ekon. sel'khoz. 33 no. 9:111-112 S '62.

Intensive use of land on farms near cities. S. Il'in. Ekon. sel'khoz. 33 no. 8 105-110 Ag '62.

Not only a planner but an economist and organizer of production as well. I. Kovalenko. Ekon. sel'khoz. 33 no. 9:112-113 S '62.

"Planning the supply of agriculture with materials and equipment" by M. G. Vainer, V. P. Alfor'ev. Reviewed by A. Fedoseev, N. Lagutin. Ekon. sel'khoz. 33 no. 9, 124-126 S '62.

Reduce the administrative apparatus and improve accounting. Uchet i fin. v kolkhoz. i sovkhoz 19 no. 10-2-4 O '62.

Seasonal work and methods of efficient use of labor on state beet seed farms. I. B. Pylypchenko. Pyt. ekon. sil'. hosp. URSR no. 4:68-71 '61.

Specialization and concentration of production, distribution of branches and efficient farm sizes. Ekon. sel'khoz. 33 no. 8,74-84 Ag '62.

The utilization of land should be improved to meet present-day tasks. S. Udachin. Ekon. sel'khoz. 33 no. 9:102-108 S '62.

FARM MANAGEMENT RESEARCH see subdivision under Ukraine

FARM MECHANIZATION

(see also subdivision under Great Britain)

Each villager should be able to operate agricultural machinery. Agitator no. 23,8-11 D '62.

"Economic efficiency of mechanization in agriculture." Reviewed by G. Drozdov. Ekon. sel'khoz. 33 no. 8: 121-124 Ag '62.

Manukovskii, N. F. [Livestock and feeds in the hands of the machinery operator; answers to the questions of young machinery operators] Skot i korma v rukakh mekhanizatora; otvety na voprosy molodykh mekhanizatorov. [Moskva] Mosk. rabochii, 1962. 52 p.
(DNAL)

New occupations in stockbreeding. A. TSar'kov. Prof.-tekh. obr. 19 no. 9:19-20 S '62.

FARM MECHANIZATION—STUDY AND TEACHING

Collective farm group as student advisors. E. F. Vendrov. Shkola i proizv. 6 no. 10 20-23 O '62

Production training. M. Z. Baigildin. Shkola i proizv. 6 no. 10 13-15 O '62.

Record of production training. V. Lanin, P. Dmitriev. Prof.-tekh. obr. 19 no. 9, 20-21 S '62.

Schools will cope with the training of agricultural machine operators. V. Lizun. Shkola i proizv. 6 no. 10:91-92 O '62.

"Technical and production training in rural schools" by A. A. Shibanov. Reviewed by N. Istoshin. Shkola i proizv. 6 no. 10 93-95 O '62

They worked well. Prof.-tekh. obr. 19 no. 9:2 of cover S '62.

Use of the physico-technical analysis of subject matter in the farm mechanization classes. V. N. Krugliashov. Shkola i proizv. 6 no. 10 30-32 O '62

Vocational instruction and productive work in rural schools. Zh. Egemberdiev. Shkola i proizv. 6 no. 10 90-91 O '62

FARM PRODUCE—COSTS

Let us lower the cost of production of livestock products. G. Abramov. Part. zhizn' no. 22 22-30 N '62.

FARM PRODUCE—MARKETING

Beliaevskii, I. K. [Collective farm trade statistics] Statistika kolkhoznoi torgovli. Moskva, Gosstatizdat, 1962. 125 p.

FARM PRODUCE—PRICES

Reksna, A. [Reducing the prices of agricultural products as a source of public wealth] Lauksaimniecibas produkcijas pasizmaksas pazeminasana - sabiedriskas labklajibas avots. Riga, Latvijas Valsts izdevnieciba, 1961. 81 p. [In Latvian]

FARM PRODUCE—TAXATION

Specific features of the tax and levy in kind. N. G. Sokolov. Uch. zap. RGPI 28,135-142 '61.

FARMS—VALUATION see subdivision under Kazakhstan

FASCISM

The nature of neofascism. B. Lunin. Kommun. Uz. 34 no. 7 93 Jl '62.

Neofascism. Mol. mira no. 4:11-13 '62.

FASHION

[Fashion magazine] Zhur. mod. 18 no. 3 '62

New trends in fashion. Ukraina no. 21:31 N '62.

FASTS AND FEASTS—JUDAISM

Why... Nauka i rel. no. 5:80-81 My '62.

FAT METABOLISM

Adaptation of the animal body under conditions of different consumption of fats with saturated and unsaturated fatty acids [with summary in English]. M. F. Merezhinskii, S. M. Nikitina. Vop. pit. 21 no. 3:37-40 My-Je '62.

FATH 'ALI, AKHUND-ZADA, 1812-1878

Akhundov's school. Aziz Sharif. Ogonek 40 no. 43:9 O '62.

FATTY ACIDS see Acids, Fatty

FAUCETS

Pistonless electric hydraulic faucet. L. S. Kosmovich, V. I. Dmitriev. Vest. mashinostr. 42 no. 10:86 O '62.

FAVORSKII, VLADIMIR ANDREEVICH, 1886-

V. A. Favorskii on art. IU. Khalaminskii. Iskusstvo 25 no. 8:15-19 '62.

FAVOSITES see subdivision under Taymyr Peninsula

FAVOSITIDAE

A widespread commensal of Devonian favosites. B. S. Sokolov. Paleont. zhur. no. 2,45-48 '62.

FEDOROV, ALEKSEI FEDOROVICH, 1891-

Fedorov, A. F. [October reveilles] Oktiabr'skie zori. Moskva, Voenizdat, 1962. 262 p. (Voennye memuary)

FEDOROVKA DISTRICT (KUSTANAY PROVINCE)—STATE FARMS—MANAGEMENT

Perfectly operating economic work is the basis for state farm achievements. I. Chepurnyi. Ekon. sel'khoz. 33 no. 9:109-111 S '62.

FEDOTOV, PAVEL ANDREEVICH, 1815-1852

Leont'eva, G. K. [Pavel Andreevich Fedotov; principal aspects of his works] Pavel Andreevich Fedotov; osnovnye problemy tvorchestva. Leningrad, Izd-vo "Iskusstvo," 1962. 197 p.

FEED GRINDERS

New drive of the IGK-30 grinder. V. Pavlenko. Tekh. v sel'khoz. 22 no. 8:87 Ag '62.

FEED MILLS see subdivision under Orenburg

FEED WATER—TESTING

Determining sugar traces in the feed water for boilers (from "Listy cukrovarnicke," no. 6, 1962). I. F. Bugaenko. Sakh. prom. 36 no. 10:76 O '62.

FEED-WATER PURIFICATION
(see also subdivision under Ukraine)
Experience in the counterflow H-cationic treatment of water in an industrial pilot plant K IA IAnkovskii. Teploenergetika 9 no 11 74-79 N '62
Hydraulic-membrane valve for converting chemical water purification filters to operation with automatic or remote control P.I.Loshchilin. Energetik 10 no 8 6-8 Ag '62
Improving certain units and boiler water evaporator systems on ships of the type "Leninskii Komsomol." V.Kovalenko. Mor.flot 22 no.10 23-25 O '62.

FEED-WATER PURIFICATION—EQUIPMENT AND SUPPLIES
New marine evaporator systems. V.Larionov. Mor. flot 22 no.10 43-44 O '62.

FEEDING, ARTIFICIAL
Artificial feeding. V.G Kisliakovskaia. Zdorov'e 8 no 10,18-19 O '62

FEEDS
(see also subdivision under Ukraine, Ul'yanovsk Province)
The ABC of feed units. A.D.Denisov. Uchet i fin v kolkhoz i sovkhoz 10 no 9 57-61 S '62
Account for and use feeds economically A.S.Shershukov Uchet i fin v kolkhoz. i sovkhoz 19 no.9,9-11 S '62
Fundamentals of the enrichment of the distiller's grain by means of ammonium lactate. A F. Fedorov, N.G. Kuraheva, T.G Zhupikova Izv.vys.ucheb.zav., pishch.tekh. no.5 92-95 '62
Production of feed phosphates. S.I.Vol'fkovich, A.A. Ionass, R.E.Temen. Zhur.VKHO 7 no.5;524-529 '62.
Suitableness of Penicillium mycelium for feeding poultry and swine Kh S.Goreglisd Trudy NIVI 1 232-239 '60
System for preparing silage from potatoes. K.Bachurin. Tekh.v sel'khoz. 22 no.8 20-23 Ag '62.

FEEDS—TESTING
Method of acid-alkali hydrolysis of wheat grain products in determining the "raw" cellulose content. A.P. Pisanskii, P.V.Popov. Izv.vys.ucheb.zav., pishch. tekh. no.5,143-145 '62.

FEET see subdivision under Ukraine

FEMUR—FRACTURE
Inflammatory changes in the bone in late periods following metallic osteosynthesis of gunshot fracture of the femur in irradiated animals. V S. Turusov Voen.-med.zhur no.8 36-38 S '61.
Kaplan, A.V [Fractures of the neck of the femur and their treatment] Perelomy sheiki bedra i ikh lechenie. Moskva, Medgiz, 1952. 170 p. (CtY-M)

FERGANA—COTTON GROWING
Study of means of sowing cotton in saline soils T.V Beliakova. Trudy Fed. mel. op. sta no 2 107-127 '61

FERGANA—FOG
Fergana Valley fog types and their connection with synoptic processes over Central Asia. A I Neushkin Sbor rab. TSO no 1 70-79 '61.

FERGANA—GEOLOGY, STRATIGRAPHIC
The Cretaceous and pre-Cretaceous weathering crust in northern Fergana. N.N.Verzilin. Dokl.AN SSSR 146 no.5;1153-1155 O '62.

FERGANA—RECLAMATION OF LAND
Characteristics of virgin lands in central Fergana in connection with developing them. K A. Davli Trudy Fed mel op. sta no 2.140-165 '61.

FERGANA—SALINE AND ALKALI SOILS
Means of washing saline soils. A Z. Mingalieva Trudy Fed. mel. op sta no 2 64-106 '61.
Washing effect of irrigating saline soils during the vegetation period. M. N Rozhdestvenskii. Trudy Fed. mel. op. sta no. 2-128-139 '61.

FERGANA—STOCK AND STOCKBREEDING
The ancient stockbreeders in the Fergana foothills. S.S.Sorokin. Mat.po Otd.etn.Geog.ob-va SSSR no.1; 27-31 '61.

FERGANA—UZBEK LANGUAGE—DIALECTS
Ibragimov, S. [Professional vocabulary of the Uzbek language; from materials based on the Fergana dialects] Professional'naia leksika uzbekskogo iazyka; na materialakh ferganskikh govorov. Tashkent, Izd-vo Akad. nauk UzSSR, 1961, 163 p.

FERGANA—WATER, UNDERGROUND
Regime and mineralization of underground waters in the territory of the Fedchenko Land Improvement Experiment Station. N.S.Surminskii. Trudy Fed. mel. op. sta no.2;6-83 '61
Water potential of Pre-Cambrian and Paleozoic formations in the Fergana artesian basin. A.N Sultankhodzhaev, K A. Sabirov, S. IA. Kurbanov. Uzb geol. zhur. 6 no.5;40-54 '62.

FERGANA—WATER, UNDERGROUND—COMPOSITION
Some characteristics of the chemical composition of waters in Cretaceous sediments of the Fergana Valley [with summary in English]. E.N.Ansberg. Vest.LGU 17 no.18 5-17 '62.

FERMENTATION
Fundamentals of the enrichment of the distiller's grain by means of ammonium lactate A F Fedorov, N.G. Kursheva, T.G Zhupikova. Izv vys ucheb. zav., pishch tekh. no 5 92-95 '62

FERNS (FOSSIL) see subdivision under Kazakhstan

FERNS, FOSSIL
(see also subdivision under Sakhalin)
Morphology and taxonomy of the genus Botryopteris N S Snigirevskaia Paleont zhur no 2 122-132 '62

FERRATES
Alpatov, N I [Ferrites in electronic circuits] Ferrity v elektronnykh skhemakh. Moskva, Voenizdat, 1962. 109 p
Diffraction model of a Y-circulator. V.G.Feoktistov. Radiotekh. i elektron. 7 no.10 1763-1768 O '62.
Doppler effect in the reflection of an electromagnetic wave by a field magnetization wave in a ferrate. E.IA Daume, G I.Freidman Zhur.eksp i teor.fiz 43 no.3;1102-1104 '62.
Fluctuation radiation of a small ferrite sphere at ferromagnetic resonance. IA.A. Monosov. Radiotekh. i elektron. 7 no.10;1730-1737 O '62.
Impulse remagnetization of ferrites with rectangular hysteresis loops. V.G.Glotov. Vest. elektroprom. 33 no.11 60-62 N '62.
A method for measuring the specific inductive capacitance and dielectric loss angle of samples with cylindrical shape in a rectangular resonator. E.S.Sablin. Izv.LETI 57 no.39;56-67 '59.

FERRATES—MAGNETIC PROPERTIES
Effect of impurities on the anisotropy of the width of the resonance line in ferrites. Men Sian'-chzhen', S.S. Starobinets, A.G.Gurevich. Fiz.tver.tela 4 no.4. 1060-1062 Ap '62.

FERRITIN
Method of obtaining crystalline ferritin from the organs of small laboratory animals. G.V. Voskoboinikov. Trudy Len khim.-farm. inst. no.13;45-48 '61.

FERROCENE
Aminomethylation of phenyl-, tolyl-, and chloroferrocene A N. Nesmeianov, E.G. Perevalova, L.S. Shilovtseva. Izv. AN SSSR, Otd. khim nauk no. 10; 1767-1772 O '62
Direct cyanation of ferrocene derivatives A. N Nesmeianov and others. Izv AN SSSR, Otd. khim nauk no 10 1772-1777 O '62
Magnetic properties of ferrocene polymers. IU.S. Karimov, I F. Shchegolev. Dokl.AN SSSR 146 no.6;1370-1371 O '62.
Use of adsorption chromatography in working with ferrocene derivatives. A N. Nesmeianov, I.I Kritskaia, T.V Antipina. Izv. AN SSSR, Otd khim. nauk no.10 1777-1783 O '62

FERROCYANIDES—THERMAL PROPERTIES
Thermal decomposition of magnesium ferrocyanides and alkaline earth metals. G.B. Seifer. Zhur. neorg. khim. 7 no.10;2290-2293 O '62.

FERROELECTRIC SUBSTANCES
Accurate measurement of the dielectric parameters of ferroelectric substances at superhigh frequencies [with summary in English]. IU.M. Poplavko. Zhur. eksp.i teor.fiz. 43 no.3;800-803 '62.

FERROELECTRICITY
Ferroelectric properties of barium titanate in the UHF centimeter band. IU.M.Poplavko. Fiz.tver.tela 4 no.4;1069-1071 Ap '62.

FERROMAGNETIC RESONANCE
Fluctuation radiation of a small ferrite sphere at ferromagnetic resonance. IA.A. Monosov. Radiotekh. i elektron. 7 no.10;1730-1737 O '62.
Natural ferromagnetic resonance in monocrystals of a nickel-iron ferrate [with summary in English]. A.A. Askochenskii, T.M. Perekalina. Zhur eksp.i teor fiz. 43 no.3,841-846 '62.

FERTILIZATION OF PLANTS
Effect of pollination by bees on the yield of forage beans [translated from the German]. Hans Oschmann. Agrobiologiia no.3;365-368 My-Je '62.
Embryological study of the process of fertilization in cotton using various pollination methods. T.A.Saakian. Izv.AN Arm.SSR, Biol.nauki 15 no.7;59-65 '62.
Embryological study of the process of fertilization in tobacco in Kamo District. A.Kh.Danielian. Izv.AN SSR, Biol.nauki 15 no.7;67-69 '62.
A few words on Doctor H. Oschmann's report. I.A. Khalifman. Agrobiologiia no.3;368-370 My-Je '62.

FERTILIZER INDUSTRY
(see also subdivision under Voronezh)
Basic trends in the development of the chemical technology of mineral fertilizers. S.I.Vol'fkovich. Zhur. VKHO 7 no 5 482-488 '62
Mathematical model of the technical, industrial and financial plan of a mineral fertilizer plant. V.Gromov. Nauch. dokl vys. shkoly, ekon. nauki no 3 61-77 '62
Production and consumption of mineral fertilizers in capitalist countries. T.P.Unaniants. Zhur.VKHO 7 no 5 551-561 '62.
Raw materials for the fertilizer industry. B.M.Gimmel'farb. Zhur.VKHO 7 no.5;495-499 '62.

FERTILIZER SPREADERS
Manufacture and spreading of organic and mineral fertilizer mixtures. I.Malashko, P.Gervits. Tekh.v sel'khoz. 22 no.8;88-89 Ag '62.

FERTILIZERS AND MANURES
(see also subdivision under Khorol District, Omsk Province)
Boron fertilizers for fields. S.G Kuznetsov. Zemledelie 24 no.9 87-88 S '62.
[Concise manual on fertilizers] Kratkii spravochnik po udobreniiam Moskva, Sel'khozgiz, 1961. 221 p. (DNAL)
Effect of a prolonged use of organic and mineral fertilizers in crop rotation on the total content and forms of phosphoric acid in the soil. P.O.Horshkov. Visnyk sil'hosp.nauky 5 no.9;49-56 S '62.
Guseinov, D.M. [Use of new fertilizers of petroleum origin] Primenenie novykh vidov udobrenii neftianogo proiskhozhdeniia. Moskva, Izd-vo sulkhoz. lit-ry, zhurnalov i plakatov, 1961. 63 p. (DNAL)
Magnesium-ammonium phosphate as a complex fertilizer. T.D. Kolitskaia, R.E. Remen. Zhur.VKHO 7 no.5, 520-523 '62.
Manufacture and spreading of organic and mineral fertilizer mixtures. I. Malashko, P.Gervits. Tekh.v sel'khoz. 22 no.8;88-89 Ag '62.
Nature of the action of bacterial fertilizers (azotobacterin phosphorobacterin) on farm crops [with summary in English]. A.N. Naumova, E.N. Mishustin, V M. Marlenko. Izv.AN SSSR, Ser biol. no.5;709-717 S-O '62.
Present status and prospects for developing the resources of mineral fertilizers. K.P. Bufalova, E.V. Soklakova. Sov.geol. 5 no.10;68-74 O '62.
Production and use of complex (mixed and compound) fertilizers. D.G. Frachev, L.B.Grinshpan, N.V. Babenko. Zhur.VKHO 7 no.5,513-520 '62.
Production of magnesium and magnesium-containing fertilizers. M.M. Mazneva. Zhur.VKHO 7 no.5, 546-550 '62.
Production of peat-moss litters and peat-mineral-ammoniac fertilizers for agriculture. N.F.Shcheptev. Biul.tekh.-ekon.inform.Gos.nauch.-issl.inst.nauch. i tekh.inform. no.10,55-59 '62.
Production of phosphoric acid and concentrated fertilizers based on the electrothermal treatment of phosphates. N.N.Postnikov, M.G.Frenkel'. Zhur.VKHO 7 no.5;500-505 '62.
Recent developments in the technology of complex fertilizers using the nitric acid treatment of phosphates. F.G.Margolis, T.V.Glazova, A.I.Sverdlova. Zhur. VKHO 7 no.5;507-512 '62.
Technology of liquid nitrogen and complex fertilizers and effectiveness of their use in agriculture. F.V. IAnishevskii, V.A.Klevko. Zhur.VKHO 7 no.5;531-542 '62.
Trace element fertilizers in agriculture. IA.V.Peive. Zhur.VKHO 7 no.5;542-546 '62.
Use of basic open-hearth slags to increase crop yields. B.A.Lebedev, V.N.Karavaev. Zemledelie 24 no.9; 35-39 S '62.
Using city and factory waste in fertilizing and feeding. Zemledelie 24 no.9;93 S '62.

FERTILIZERS AND MANURES—PRESERVATION AND STORAGE
Ways for eliminating the deterioration in storage (by caking) of potassium chloride. R.A.Dymshits. Zhur. VKHO 7 no.5;550-553 '62.

FESCUE GRASS
Festuca sulcata steppe in central Tien Shan. A.G. Golovkova. Uch.zap.Biol.-pochv.fak.Kir.un. no.7; 301-312 '58.

FEUDALISM see subdivision under Byzantine Empire; Great Britain

FEVER
Study of the latent time for flexing and blinking reflexes and for a fever reaction in experimental tuberculosis; preliminary report. A.L.Plekavichene. K izuch.roli nerv.sist.v pat., immun.i lech.tub. no.2;80-83 '61.
Study of the mechanism of the pathogenic therapeutic action of streptomycin. Report No.1; The effect of streptomycin on the fever reaction caused by a killed culture of B. mesentericus. G.S.Kan. K izuch. roli nerv.sist.v pat., immun.i lech.tub. no.2;341-341 '61.

FEVER THERAPY
Directed changes in the temperature reactivity of schizophrenics. V. Kovshulla. Trudy Gos. nauch.-issl. inst. psikh. 27:120-126 '61.

FIBER GLASS see Glass fibers

FIBER GLASS REINFORCED PLASTICS see Glass reinforced plastics

FIBERS
Effect of growing conditions on the quantity and quality of elementary fibers in hemp stems. A. V. Astakhova. Trudy Vses. nauch.-issl. inst. lub kul't no. 21, 141-156 '59

FIBERS RESEARCH
Twenty-five years of the All-Union Scientific Research Institute of Bast Fiber Crops. P. A. Gorshkov. Trudy Vses. nauch.-issl. inst. lub kul't no. 21, 5-21 '59.

FIBRINOLYSIS
State of blood coagulation and fibrinolysis in the diagnosis of thrombosis and hemorrhages in surgical interventions on the heart [with summary in English]. S. A. Kolesnikov, E. P. Stepanian. Grud. khir., no. 1 39-43 Jl-Ag '62.

FIELD CROPS
(see also subdivision under Kirghizistan)
[Agriculture abroad: Plant culture] Sel'. khoz. za rub.: Rast. 8 no. 10 '62. (DNAL)
Effect of root excretions of annual legumes on the vital activity of corn in mixed cultures. E. I. Gullaev, G. A. Ronsal'. Bot. zhur. 47 no. 8:1152-1159 Ag '62.
Two ears where there was one. S. Novikov. Nauka i zhizn' 29 no. 6:15-18 Je '62.
Volovchenko, I. P. [A new system of agriculture in action] Novaia sistema zemledeliia v deistvii. Moskva, Sel'khozizdat, 1962. 46 p. (DNAL)

FIELD CROPS—DISEASES AND PESTS see subdivision under Azerbaijan

FIELD EMISSION
Inversion layer on the surface of cuprous oxide. Iu. I. Korkhanin, G. P. Peka. Fiz. tver. tela 4 no. 4:1058-1060 Ap '62.

FIELD HOSPITALS see Hospitals, Military

FIELD MICE see subdivision under Voronezh Preserve

FIELD PEA
Cultivation of winter forage peas. S. IA. Roshi. Visnyk sil'hosp. nauky 5 no. 9:57-64 S '62.

FIELD THEORY—MODELS
Note on nonrenormalized theories [with summary in English]. B. M. Barbashov, G. V. Efimov. Zhur. eksp. i teor. fiz. 43 no. 3:1057-1059 '62.

FIG—VARIETIES see subdivision under Novyemberyan District

FILARIA AND FILARIASIS see subdivision under Kzyl-Orda Province

FILATOV, NIKOLAI MIKHAILOVICH, 1862-1935
Nikolai Mikhailovich Filatov. I. Glotov. Voen. vest 42 no. 10, 127 O '62.

FILLERS (IN PAPER, PAINT, ETC.)
Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut mineral'nogo syr'ia. [Industry's requirements as to the quality of mineral raw materials] Trebovaniia promyshlennosti k kachestvu mineral'nogo syr'ia; spravochnik dlia geologov. Moskva, Gosgeoltekhizdat.
No. 32. Chernosvitov, Iu. L. [Natural mineral fillers] Prirodnye mineral'nye napolniteli. Nauchn. red. V. S. Veselovskii. Izd. 2., perer. 1962. 122 p.

FILTERS AND FILTRATION
Calculating the filtration process of cement and ceramic suspensions. L. S. Cherednichenko, Iu. Iu. Lukach. Khim. prom. [Ukr.] no. 1:53-56 Ja-Mr '62.
Filtration of heavy sirups. V. A. Kolesnikov. Sakh. prom. 36 no. 10:26-27 O '62.

FINANCE
(see also subdivision under Kiev Province; Moscow; Rumania; White Russia)
Decisive improvement in the standards of economic and control work is the most important objective of financial organs. V. Garbuzov. Fin. SSSR 23 no. 10:3-10 O '62.
"Free cash" and the gold reserve of the tsarist government at the end of the 19th and the beginning of the 20th century. A. I. Bukovetskii. Trudy LOII AN SSSR, no. 4:359-376 '62.
In the Collegium of the Ministry of Finance of the U. S. S. R. Fin. SSSR 23 no. 10:93-95 O '62.
Pakhomov, A. M. [Finances of intercollective-farm organizations and enterprises] Finansy mezhkolkhoznykh organizatsii i predpriiatii. Moskva, Ekonomizdat, 1962. 131 p.

Pessel', M. A. [Issuing credit to enterprises on the basis of the turnover of material values] Kreditovanie predpriiatii po oborotu material'nykh tsennostei. Moskva, Gosfinizdat, 1958. 61 p. (NNC)
Several problems of business accounting and strengthening the finances of enterprises. S. Tatur. Fin. SSSR 23 no. 10:19-26 O '62.
Staff business, survey of articles and correspondence received by the editors. Fin. SSSR 23 no. 10:79-83 O '62.

FINISHES AND FINISHING
Effect of dicyandiamide resin on the wear resistance of sole flank leather. N. N. Soloshenko, I. P. Strakhov. Kozh.-obuv. prom. 4 no. 10, 22-24 O '62.
Finishers share advanced practices. A. Novatskii. Stroi. i arkhit. 10 no. 9:37 S '62.

FINLAND—ARTIFICIAL SATELLITES—TRACKING
Observations of artificial earth satellites; practices of Finnish astronomers. G. Jansefelt. Priroda 51 no. 10, 12-13 O '62.

FINLAND—HYDROMETEOROLOGICAL RESEARCH
Scientific works on hydrometeorology in Finland. B. L. Dzerdzeevskii. Izv. AN SSSR. Ser. geog. no. 5, 148-152 S-O '62.

FINLAND—LABOR AND LABORING CLASSES
Two solemn words, peace and friendship. Helvi Hamalainen. Sov. profsoiuzy 18 no. 20:39-40 O '62.

FIRE CONTROL (GUNNERY)
We are training small units for fire control. N. Rubtsov. Voen. vest. 42 no. 10, 70-73 O '62.

FIRE DEPARTMENTS
(see also subdivision under Moscow)
Creative mind. N. Viktorov. Pozh. delo 8 no. 10:22-23 O '62
In the front row. Pozh. delo 8 no. 10:1-2 O '62.
New standard plans for fire depots. M. Bobrovnikov. Pozh. delo 8 no. 10:24-25 O '62.

FIRE PREVENTION
(see also subdivision under Vietnam, North)
Electric water heaters. K. Smirnov. Pozh. delo 8 no. 10:10-11 O '62
From pages of newspapers. Pozh. delo 8 no. 10:20-21 O '62
Nikitin, G. M. [Fundamentals of safety and fire prevention techniques] Osnovy tekhniki bezopasnosti i protivopozharnoi tekhniki. Leningrad, Izd-vo "Rechnoi transport," 1961. 423 p.
Proposals of efficiency promoters. I. Viazovskii, V. Zhokhov, N. Demchenko. Pozh. delo 8 no. 10:20 O '62.
Readers' letters. Pozh. delo 8 no. 10:32 O '62.
Ukhin, P. N. [Safety measures in motion-picture enterprises] Tekhnika bezopasnosti na kinopredpriiatiiakh. Moskva, Izd-vo "Iskusstvo," 1962. 317 p.

FIRE PREVENTION—RESEARCH see subdivision under Ukraine

FIRE TESTING
Accuracy and quality. N. Zenkov, I. Svetashov. Pozh. delo 8 no. 10:12 O '62.
Thin-walled reinforced cement arch. S. Kuznetsov. Pozh. delo 8 no. 10:13 O '62.

FIREMEN—EDUCATION AND TRAINING see subdivision under Moscow

FIRES AND FIRE PREVENTION see subdivision under Osinniki

FISH CULTURE
(see also subdivision under Kirghizistan; Uzbekistan)
Anokhin, V. G. [The fish changes its address] Ryba menniaet adres. Moskva, Izd-vo "Znanie," 1962. 30 p. (Novoe v zhizni, nauke, tekhnike. VIII Seriia: Biologiia i meditsina, no. 17)

FISH POPULATIONS
Some quantitative indices of variability in populations. F. A. Turdakov. Izv. AN Kir. SSR. Ser. biol. nauk 4 no. 1:5-18 '62.

FISHERIES
(see also subdivision under Georgia)
"Continental fisheries, biology and management" [in French] by Richard Vibert and Carl F. Lagler. Reviewed by E. V. Borutskii. Zh. A. Cherniaev. Vop. ikht. 2 no. 3:565-569 '62.
"Essays on the biological foundations of fisheries; problems of the theory of dynamics of fish populations." Reviewed by N. A. Dmitriev. Vop. ikht. 2 no. 3:563-565 '62.
Factor of natural fish mortality and its significance in the regulation of fisheries. P. V. Tiurin. Vop. ikht. 2 no. 3:403-427 '62.

FISHERY PRODUCTS
Vzorov, V. I. [Guide to fish and fishery products] Tovarovedenie ryby i rybnykh tovarov. Moskva, Gostorgizdat, 1962. 301 p.

FISHES
(see also subdivision under Amur River, Volga Delta, Yamal-Nenets National Area, Zeya River)
Olfactory sense in fishes, survey of literature. B. A. Fierov. Vop. ikht. 2 no. 3:517-529 '62.
Rosa Lee phenomenon. L. F. Shentinkova. Vop. ikht. 2 no. 3:460-466 '62.
Vzorov, V. I. [Guide to fish and fishery products] Tovarovedenie ryby i rybnykh tovarov. Moskva, Gostorgizdat, 1962. 301 p.

FISHES—BEHAVIOR
Dynamics of imitational conditioned reflexes in certain marine fishes (codfish, coalfish, haddock). V. V. Gerasimov. Dokl. AN SSSR 146 no. 6:1456-1459 O '62.
Role of sight in the schooling behavior of Phoxinus phoxinus L. and Carassius carassius L. G. A. Malliukina, S. P. Alekseandrik, M. Shtefanesku. Vop. ikht. 2 no. 3:511-516 '62.

FISHES—DISEASES AND PESTS
Early diagnosis of toxicosis in fish by the erythrographic method. M. M. Telitchenko, M. F. Govorova. Vop. ikht. 2 no. 3:393-396 '62.
Veterinary sanitary expertise in zoonoses in fish. Kh. S. Goreglad. Trudy NIVI 1:308-315 '60.

FISHES—EGGS
Vertical chamber for observing the development of eggs of salmonid fishes. Zh. A. Cherniaev. Vop. ikht. 2 no. 3, 558-560 '62.

FISHES—FOOD
Feeding habits and distribution of the goby Knipowitschia longicaudata (Kessler) in Taganrog Gulf. L. I. Moskal'kova. Vop. ikht. 2 no. 3:492-505 '62.
Materials on the feeding habits of the White Sea whitefish, Coregonus lavaretus pidschian n. pidschianoides Pravdin. L. A. Kuderskii, V. M. Erastova. Vop. ikht. 2 no. 3:500-510 '62.
Tubificidae (Oligochaeta) as food for fishes. T. L. Poddubnaia. Vop. ikht. 2 no. 3:560-562 '62.

FISHES—GEOGRAPHICAL DISTRIBUTION see subdivision under Kirghizistan

FISHES—MIGRATION
Detailed study of the descent of roach (Rutilus rutilus caspicus Jak.) fry from lagoons into the Volga Delta branches. A. N. Paiusova. Vop. ikht. 2 no. 3:467-472 '62.
Observations on the descent of whitefish (Coregoninae) larvae in the small rivers of the Noril'sk lake and river system. A. A. Lobovikova. Vop. ikht. 2 no. 3:462-466 '62.

FISHES—PARASITES see Parasites—Fishes

FISHES, FOSSIL
(see also subdivision under Orel Province; Voronezh Province)
Berg, L. S. [Selected works] Izbrannye trudy. Moskva, Izd-vo Akad. nauk SSSR.
Vol. 5. [General biology, biogeography and paleoichthyology] Obshchaia biologiia biogeografiia i paleoikhtiologiia. 1962. 513 p.

FISHING—EQUIPMENT AND SUPPLIES
Traction of friction-type hauling machines. Iu. B. Baranov. Trudy VNIRO 1 no. 1:3-32 '59.

FISHING—HYGIENIC ASPECTS
Trawler in the fishing industry. P. A. Prosetskii. Zdorov'e 8 no. 10, 27-28 O '62.

FISHING—TERMINOLOGY
Zhilinskii, A. A. [Trade dictionary for fishermen and trappers of the White Sea region] Promyslovyi slovar' rybakov i zveroboev Belogo moria. Petrozavodsk, Gos. izd-vo Karel'skoi ASSR, 1957. 63 p. (NhD)

FISHING NETS
Stresses in the messenger rope during ship drifting caused by waves. M. A. Meiter. Trudy VNIRO 1 no. 1:63-80 '59.

FISHPONDS
Brudastova, M. A. [Hydraulic structures for pond fish farms] Gidrotekhnicheskie sooruzheniia prudovykh rybovodnykh khoziaistv. Moskva, Rybnoe khoziaistvo, 1962. 32 p. (Bibliotechka rybolova brigadira) (DNAL)
Hibernation of bottom organisms in the ground of drained fishponds. N. D. Borodic. Vop. ikht. 2 no. 3:530-541 '62.

FISSION PRODUCTS
Radiometric determination of the isotope composition of cerium separated from fission products of heavy nuclei. S. V. Belov and others. Radiokhimiia 4 no. 3:334-340 '62.

FISTULA, BILIARY
Biliary-bronchial fistulae. Iu. IA. Agapov. Khirurgiia no. 9:107-109 '62.

FISTULA, BRONCHIAL
Biliary-bronchial fistulae. Iu. IA. Agapov. Khirurgiia no. 9:107-109 '62.

FISTULA, GASTRIC
Clinical aspects and diagnosis of gastrocolic fistulae. I. I. Krasovskii, S. E. Nazarov. Sov. med. 26 no. 8 60-62 Ag '62.

FLAME
Effect of curvature on the rate of propagation of a laminar flame in a poor propane-air mixture. V. S. Babkin, I. L. Kuznetsov, L. S. Kozachenko. Dokl. AN SSSR 146 no. 3 625-627 S '62.

FLAMMABILITY see Inflammability

FLAX see subdivision under Gorodets region

FLAX—VARIETIES
Variability and yields of flax varieties. I. A. Sizov. Agrobiologiia no. 3 350-354 My-Je '62.

FLAX INDUSTRY see subdivision under Kostroma

FLAX PROCESSING MACHINERY
Mixing machine units and the preparation of short flax fibers for spinning. I. A. Slutskov. Izv. vys. ucheb. zav., tekh. tekst. prom. no. 4:58-62 '62.
New design of the wringer-washer machine for retted flax straw. G. K. Kuznetsov. Izv. vys. ucheb. zav., tekh. tekst. prom. no. 4:37-41 '62.

FLEA BEETLES—EXTERMINATION
Palii, V. F. [Flea beetles of the U. S. S. R., prediction of their abundance and measures of control] Fauna vrednykh zemlianykh bloshek SSSR, prognoz ikh chislennosti i mery bor'by. Pod red. S. P. Tarbinskogo. Frunze, Izd-vo Akad. nauk Kirgizskoi SSR, 1961. 100 p.
(DNAL)

FLEAS
(see also subdivision under Armenia)
Use of radioactive carbon in studying the intensity of the exchange of fleas between Rhombomys opimus and Meriones meridianus. I. S. Soldatkin and others. Dokl. AN SSSR 146 no. 6:1462-1463 O '62.

FLEAS AS CARRIERS OF DISEASE
Role of fleas in the circulation of the tick-borne encephalitis virus; experimental data. Z. G. Kulakova. Biul. MOIP. Otd. biol. 67 no. 4:144-145 Jl-Ag '62.

FLEXURE
Papkovich, P. F. [Works on the structural mechanics of a ship, in four volumes] Trudy po stroitel'noi mekhanike korablia, v 4 tomakh. Pod obshchei red. V. V. Ekimova. Leningrad, Sudpromgiz.
Vol 3. [Compound flexure of rods and the flexure of plates] Slozhnyi izgib sterzhnei i izgib plastin. 1962. 526 p.

FLIES
(see also subdivision under Georgia; Samarkand)
Cholinesterase activity in female houseflies (Musca domestica L.) at different stages of oogenesis. E. S. Kuprianova. Nauch. dokl. vys. shkoly, biol. nauki no. 4:55-58 '62.

FLIES—EXTERMINATION
Methods of applying insecticides to control synanthropic flies [with summary in English]. M. N. Sukhova and others. Zhur. mikrobiol., epid. i immun. 33 no. 8:15-19 Ag '62.
Sensitivity to DDT of houseflies in various climatic zones of the USSR [with summary in English]. V. I. Vashkov and others. Zhur. mikrobiol., epid. i immun. 33 no. 8: 20-24 Ag '62.
Use of chlorophos in the control of houseflies resistant to the action of chlorinated hydrocarbons. L. N. Vasilenko, A. M. Serafimova. Zhur. mikrobiol., epid. i immun. 33 no. 8:124 Ag '62.

FLIGHT
Flight safety. N. Shchepankov. Av. i kosm. 45 no. 6: 50-53 '62.

FLIGHT TRAINING
Before a solo flight. G. Shabramov. Kryl. rod. 13 no. 9:16 S '62.
Kondrat'ev, P. V. [Manual for the training of a helicopter pilot; sports flying] Posobie po podgotovke letchika vertoleta (sportivnoi aviatsii). Moskva, Izd-vo DOSAAF, 1962. 174 p.
Readiness of a pilot. G. Semenko. Av. i kosm. 45 no. 6:54-57 '62.
Schools of advanced experience. E. Gorbatiuk. Av. i kosm. 45 no. 10:34-38 '62.
Training of school instructors. V. Ivanov. Av. i kosm. 45 no. 10:75-76 '62.

FLOCCULATION
Improving the separation of the solid phase in sugar manufacture suspensions by means of high-molecular flocculents. Iu. D. Golovniak, A. K. Kartashov, O. D. Kurilenko. Izv. vys. ucheb. zav., pishch. tekh. no. 5: 78-83 '62.

FLOOR COVERINGS
Garanin, G. S. [Installation of linoleum and masticated rubber floors] Ustroistvo linoleumnykh i plastikatnykh polov. Pod red. A. A. Galaktionova. Moskva, Gosstroiizdat, 1962. 123 p.

Production and properties of roll and tile material for floors on a foundation of polyvinyl chloride, plasticized by sopolymer butadiene with acrylo-nitrile using a mechanochemical method. O. E. Dubov. Sbor. trud. VNIINSM no. 5:91-98 '61.

FLOTATION
Adsorption of butyl xanthate by fused copper and nickel sulfides. E. I. Maslentskaia. Izv. vys. ucheb. zav., tsvet. met. 5 no. 5:34-38 '62.
Effect of the hydroaerodynamic parameters of flotation machines on coal preparation. D. S. Emel'ianov, V. M. Nazarenko. Ugol' Ukr. 6 no. 10:14-16 O '62.
Establishing a centralized control system for flotation ore dressing plants. O. V. Golosov. TSvet. met. 35 no. 10:8-16 O '62.
Floatability of columbite and some of its accompanying minerals by various collectors. S. I. Pol'kin, Chen De-min [Ch'eng Te-ming]. Izv. vys. ucheb. zav., tsvet. met. 5 no. 5:26-33 '62.
Flotation of ores of the Krivoy Rog Northern Mining and Ore Dressing Combine. F. N. Belash, P. A. Gontarenko. Gor. zhur. no. 10:62-64 O '62.
Measurement of the thermodynamic and absorption potentials of dielectric minerals in studying the flotation process. V. M. Borisov, Iu. IA. Golger. Dokl. AN SSSR 146 no. 3:628-630 S '62.
PIKKAT Ordynskii, G. A., ed. [Flotation of minerals. Articles translated from the English. Preface by D. S. Emel'ianov] Flotatsiia polezernykh iskopaemykh. Moskva, Gosgortekhizdat, 1962. 213 p.
Residual concentration of xanthate and its connection with metal recovery in flotation. B. I. Revazashvili. TSvet. met. 35 no. 10:24-28 O '62.
Stability of monazite depression by the SiF_6^{2-} ion as dependent on the pH of the medium. I. N. Plaksin, K. F. Barysheva, G. N. Nazarova. Dokl. AN SSSR 146 no. 5: 1139-1140 O '62.
Studying the reactions of the interaction of flotation reagents with silver. M. B. Barbin. Izv. vys. ucheb. zav., gor. zhur. no. 9:173-178 '61.

FLOTATION—EQUIPMENT AND SUPPLIES
Continuous method of production of a potassium-butyl flotation agent. M. IA. Margolin, O. K. Skazhennik, M. M. Kushnir. Khim. prom. [Ukr.] no. 1:30-31 Ja-Mr '62.
Cyanide substitutes in dressing certain Transbaikalia mixed lead and zinc ores. L. V. Katashin. Trudy Vost. Sib. fil. AN SSSR no. 41:57-62 '62.

FLOUR MILLS see subdivision under White Sea region, Yaroslavl

FLOUR MILLS—FIRES AND FIRE PREVENTION see subdivision under Saratov

FLOWERING OF PLANTS see Plants, Flowering of

FLOWERS
Flowers and ornamental plants in the school garden plot. M. A. Mikhailenko. Izv. Vor. gos. ped. inst. 38: 81-91 '61.

FLOWMETERS
Electronic circuit of an industrial electromagnetic flowmeter. I. R. Linetskii, L. M. Korsunskii. Izm. tekh. no. 10:55-58 O '62.
Pol'skii, S. M. [New flowmeters and consumption meters in the petroleum and petrochemical industries abroad] Novye zhidkostnye schetchiki i raskhodomery v neftianoi i neftekhimicheskoi promyshlennosti za rubezhom. Moskva, Gostoptekhizdat, 1962. 76 p.
Some problems of the calibration of ultrasonic flowmeters. G. I. Birger. Izm. tekh. no. 10:53-55 O '62.

FLUE GASES
Using the heat of flue gases. I. Aronov, L. Khilinskaia, M. IAske. Zhil.-kom. khoz. 12 no. 5:31 My '62.

FLUES—MAINTENANCE AND REPAIR
Normalizing labor conditions in the repair of smoke stacks. P. D. Ermakov, V. V. Voronkov. Stal' 22 no. 10:947-950 O '62.

FLUID DYNAMICS
Calculating the motion of a gas volume in an unlimited water-bearing layer. I. A. Charnyi. Izv. AN SSSR Otd. tekh. nauk, Mekh. i mashinostr. no. 5:51-58 S-O '62.
Concerning S. A. Egorov's remarks on "Flow of a liquid in bent coiled pipes." I. Z. Aronov. Izv. vys. ucheb. zav.; energ. 5 no. 9:120-121 S '62.
Concerning the flow of a liquid in a coiled pipe. S. A. Egorov. Izv. vys. ucheb. zav.; energ. 5 no. 9:119-120 S '62.
Distribution of velocities in a turbulent layer. M. IU. Vagabov. Trudy ENIN AN Azerb. SSR 15:68-79 '62.
Flow in a guide apparatus. M. A. Gol'dshtik. Izv. AN SSSR. Otd. tekh. nauk. Mekh. i mashinostr. no. 5:178-190 S-O '62.

FLUID MECHANICS
Electromagnetic phenomena induced by the motion of a body in a magnetic field [with summary in English]. L. I. Dorman, IU. M. Mikhailov. Zhur. eksp. i teor. fiz. 43 no. 3:752-762 '62.
Stationary problem in magnetic hydromechanics in the presence of a relation between two coordinates; collision of jets of a conducting fluid. V. S. Tkalich. Izv. AN SSSR. Otd. tekh. nauk. Mekh. i mashinostr. no. 5:32-38 S-O '62.

FLUIDIZATION
Calcination of limestone in a gas-heated furnace in a fluidized bed. A. T. Tishchenko. Khim. prom. [Ukr.] no. 1:60-64 Ja-Mr '62.
Composition of tars obtained in the pyrolysis of brown coals in a fluidized bed. E. I. Iakovlev and others. Trudy IGI 17:152-156 '62.
Hydrodynamics and structure of a fluidized bed of ammonium nitrate. V. I. Gladushko. Khim. prom. [Ukr.] no. 1:13-16 Ja-Mr '62.
Kinetics of the oxidation of sulfides in a fluidized bed. E. N. Glazkov, I. K. Skobeev. Trudy Vost. Sib. fil. AN SSSR no. 41:145-150 '62.
Reduction of iron oxides by hydrogen in a fluidized bed at high pressures. P. IA. Nasonov and others. Izv. AN SSSR. Otd. tekh. nauk. Met. i topl. no. 5:29-36 S-O '62.

FLUORESCENCE
Characteristics of fluorescence in the ascitic cells of Ehrlich's tumor in ascites of varying ages. T. N. Maevskaia. Trudy Len. khim.-farm. inst. no. 13:156-160 '61.
Fluorescence analysis of inorganic substances (survey). D. P. Shcherbov. Zav. lab. 28 no. 10:1156-1172 '62.

FLUORESCENT LAMPS
Fluorescent lamps with improved color rendition. R. S. Ioffe, L. P. Daviatsova. Svetotekhnika 8 no. 11: 13-16 N '62.
An inductive ballast with optimum parameters. A. I. Krasnopol'skii, A. F. Ivannikov. Svetotekhnika 8 no. 11:19-23 N '62.
Presently manufactured fluorescent light fixtures and their principal characteristics. IU. B. Aizenberg, V. F. Ilinkina. Svetotekhnika 8 no. 9:25-27 S '62.
System for determining the electrical and light parameters of fluorescent lamps during their manufacture. V. S. Khazanov, A. M. Shmidt, V. N. Kolesnikov. Svetotekhnika 8 no. 9:14-16 S '62.

FLUORESCENT LAMPS—CONGRESSES
Coordinating conference on fluorescent lamp cathodes. G. N. Rokhlin, V. V. Fedorov. Svetotekhnika 8 no. 9: 29-30 S '62.

FLUORESCENT LAMPS—TESTING
Control of light and electric parameters of luminescent lamps. V. S. Khazanov, A. M. Fomina. Standartizatsiia 26 no. 10:27-29 O '62.

FLUORIDES
Zavaritskite (BiOF), a new mineral of the oxyfluoride group. E. I. Dolomanova, V. M. Senderova, M. T. IAnchenko. Dokl. AN SSSR 146 no. 3:680-682 S '62.

FLUORIMETRY
Spectrophotometric and fluorimetric determination of corticosteroid hormones. F. A. Silin'sh, IA. IA. Popens, IA. A. Eidus. Izv. AN SSSR. Ser. fiz. no. 10: 1311-1313 O '62.

FLUORINE COMPOUNDS
Pyrolytic reactions of trifluorethylene. I. L. Knuniants, L. S. German, I. N. Rozhkov. Izv. AN SSSR. Otd. khim. nauk no. 9:1674-1676 S '62.

FLUORITE
Age and distribution of fluorite deposits, some critical remarks on A. T. Solov'ev's articles. V. S. Kormilitsyn, A. A. Ivanov. Zap. Vses. min. ob-va 91 no. 4 502-506 '62.
Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut mineral'nogo syr'ia. [Industry's requirements as to the quality of mineral raw materials] Trebovaniia promyshlennosti k kachestvu mineral'nogo syr'ia; spravochnik dlia geologov. Moskva, Gosgeoltekhizdat.
No. 31. Puzanov, L. S., and others. [Piezoelectric and optical minerals] P'ezoelektricheskoe i opticheskoe syr'e. Nauchn. red. A. S. Gudkov i A. I. Suderkin. Izd. 2., perer. 1962. 46 p.

FLUOROPHLOGOPITE CRYSTALS
Inclusions in artificial fluorophlogopite. I. N. Anikin, B. N. Vvedenskii, N. N. Rudich. Zap. Vses. min. ob-va 91 no. 4:477-482 '62.

FLUTTER (AERODYNAMICS)
Wing flutter caused by nonlinear aerodynamic forces. P. S. Landa, S. P. Strelkov. Izv. AN SSSR. Otd. tekh. nauk. Mekh. i mashinostr. no. 5:111-117 S-O '62.

FLY ASH
(see also subdivision under United States)
Adjustment and testing of type MP-VT1 ash collectors with a 4,500 mm diameter. V. T. Veselov and others. Teploenergetika 9 no. 11:41-45 N '62.
Complex treatment of dusts from the lead industry with a high selenium content. M. N. Zyrianov, A. P. Nadol'skii. Trudy Vost. Sib. fil. AN SSSR no. 41:126-131 '62.

FOCAL INFECTION
Effect of corticosteroids on antimicrobial protective factors of the body in an infectious inflammatory focus [with summary in English]. V. N. Solov'ev, G. A. Kontaev. Zhur. mikrobiol., epid. i immun. 33 no. 4:77-83 Ap '62.

FOCAL INFECTION (Continued)

Influence of the endocrine system on the localization of infectious processes in the body P. N Kiselev Trudy Len khim.-farm. inst. no. 13:57-62 '61.

Role of the hypophysial-adrenal system in immunological and infectious processes. V I. Ioffe, L P Kopytovskaia. Vest AMN SSSR 17 no 5 24-29 '62.

FOERTSCH, FRIEDRICH ALBERT

Travinskii, V.M. [The true story of General Foertsch] "Nastoiashchee delo" generala Fercha. Moskva, Gospolitizdat, 1962. 22 p.

FOG see subdivision under Fergana

FOLDS (GEOLOGY) see subdivision under Ural Mountains, Verkhoyansk Range

FOLK ART

Bakhtin, Vl, and Dm. Moldavskii. [The Russian folk print from the 17th to the 19th century] Russkii lubok XVII-XIX vv. Moskva, Gos. izd-vo izobraz. iskus., 1962. [12] p. 87 illus

FOLK SONGS see subdivision under Ukraine

FOLK SONGS, UDMURT

Pozdeev, P K , comp [Resound, Udmurt song; a collection of songs with notes] Zveni, udmurtskaia pesnia, sbornik pesen s notami Izhevsk, Udmurtskoe knizhnoe izd-vo, 1960 395 p [In Udmurt] (MH)

FOLKLORE see subdivision under Siberia, Eastern

FOLKLORE, BURYAT

Ritual poems and blessings. T. M Boldonova. Trudy BKNII no. 6:192-201 '61.

FOLKLORE OF STONES

...They worshipped stones? Nauka i rel. 4 no. 11:91-95 N '62.

FOOD

(see also subdivision under Ashkhabad)

"Laboratory manual on the hygiene of nutrition" by A. I. Shtenberg, IU. I. Plotnikova, K. V. Mukhovina. Reviewed by A. M. Chistiakova, V. D. Vankhanen. Vop. pit. 21 no. 3 91-93 My-Je '62.

FOOD—ANALYSIS

Determination of protein in food products by the Kjeldahl method without distillation [with summary in English]. M. P. Bolotov. Vop. pit. 21 no. 3:14-17 My-Je '62.

Rapid determining of carotene content by means of the densitometer. L. G. Mokhnachev, L. G. Serdiuk. Izv. vys. ucheb. zav.; pishch. tekh. no. 5, 147-150 '62.

FOOD, CANNED—STERILIZATION

Effect of the initial temperature of the product on the sterilization heating time of canned food. M. S. Aminov. Izv. vys. ucheb. zav., pishch. tekh. no. 5:83-84 '62.

FOOD CONTAMINATION

Aluminum content of the food ration and its biological effect [with summary in English]. L. Vozar. Vop. pit. 21 no. 3:28-31 My-Je '62.

FOOD HABITS OF ANIMALS see Animals, Food habits of

FOOD INDUSTRY

(see also subdivision under Ukraine)

Intermediate products industry in national economic planning. A. Artem'ev. Obshchestv. pit. no. 7:11-12 Jl '62.

New polymeric materials in the food industry and hygienic requirements of them. S. V. Genel', A. I. Shtenberg. Vop. pit. 21 no. 3:3-8 My-Je '62.

[Organizing and planning the wholesale trade of meat, milk and fish products] Organizatsiia i planirovanie optovoi torgovli miasnymi, molochnymi i rybnymi tovarami. [By] N. A. Bokunov, i dr. Moskva, Gostorgizdat, 1962. 246 p. (MH)

Vasil'eva, E. V. [Development of the food industry and the economics of public labor in the U. S. S. R.] Razvitie pishchevoi promyshlennosti i ekonomika obshchestvennogo truda v SSSR. Moskva, Ekonomizdat, 1962. 194 p.

FOOD INDUSTRY—ACCOUNTING see subdivision under Leningrad

FOOD INDUSTRY—COSTS

Calculation of production costs in food processing enterprises. A. Zykov. Obshchestv. pit. no. 7:13-18 Jl '62.

FOOD INDUSTRY—EQUIPMENT AND SUPPLIES

Using plastics for repairing the equipment of macaroni factories. IU. D. Berezhnoi. Khleb. i kond. prom. 6 no. 10:42-43 O '62.

FOOD SUPPLY

Pogudin, V. I. [Food supply problem and the future of mankind] Problema prodovol'stvila i budushchee chelovechestva. Moskva, Izd-vo "Znanie," 1962. 30 p. (Novoe v zhizni, nauke, tekhnike. III Seriia: Ekonomika, no. 19)

FOOD TRADE see Produce trade

FOOT—ABNORMITIES AND DEFORMITIES

Surgical treatment of congenital clubfoot by Zatsepin's method E. V. Golutvina. Zdrav. Bel. 8 no. 5 38-41 My '62.

FORAGE PLANTS see subdivision under Ukraine

FORAMINIFERA see subdivision under Indian Ocean

FORAMINIFERA, FOSSIL

(see also subdivision under Arctic regions, Siberia, Western, Ural Mountain)

New Late Cretaceous species of the genus Caucasina I S Suleimanov Paleont zhur no. 2 163-164 '62.

Wall structure of the shell in Globotruncana. N. I. Maslakova. Biul. MOIP. Otd. geol. 37 no. 3:133 My-Je '62.

FORCE AND ENERGY

Elementary deduction of the formula of central forces regulated by the "inverse square" law. E. A. Kochina. Fiz. v shkole 22 no. 4 59-60 Jl-Ag '62.

FOREIGN AID PROGRAM see Economic assistance

FOREIGN BODIES (SURGERY)

Foreign bodies discovered in mental patients. A. I. Merkulova. Trudy Gos. nauch.-issl. inst. psikh. 27: 389-392 '61

FORENSIC PSYCHIATRY

Analysis of the repeated actions of mental patients which are dangerous to society. A. S. Kiselev and others. Trudy Gos. nauch.-issl. inst. psikh. 27:303-308 '61.

Delirium-like fantasy syndrome. IA. Kh. Svirinovskii. Trudy Gos. nauch.-issl inst. psikh. 27 300-306 '61.

Functional personality dissociation syndrome in the clinical aspects of reactive states. IU. K. Chibisov. Trudy Gos. nauch.-issl inst. psikh. 27:292-299 '61.

Litigiousness of psychopaths which does not preclude responsibility. T. P. Pechernikova. Trudy Gos. nauch.-issl. inst. psikh. 27:284-291 '61.

FOREST ECOLOGY

(see also subdivision under Amur Province, Il Valley; Kizhinga Valley, Siberia, Eastern; Syr-Darya Valley)

Dahurian rhododendron in larch and pine forests of the southeastern part of the Buryat A. S. S. R., ecological characteristics V N Vipper Trudy Inst. lesa i drev. 54 223-234 '62

FOREST FAUNA

(see also subdivision under Armenia, Kuntsevo District)

Birds of the forest zone. Report No. 1. Birds of pine, spruce, and hardwood forests in the subzone of mixed forests and southern taiga [with summary in English]. T. A. Toropanova, N. P. Dubinin. Biul. MOIP. Otd. biol. 67 no. 5:50-60 S-O '62.

FOREST FIRES see subdivision under Newfoundland

FOREST FIRES—PREVENTION AND CONTROL

(see also subdivision under Irkutsk Province)

New laws and regulations. Sots. zakon. 30 no. 8:80-81 Ag '62.

FOREST INFLUENCES

(see also subdivision under Transbaikalia, Zaigrayevo District)

Sokolov, D. F. [Effect of forest vegetation on the composition of humus in soils of various natural zones] Vliianie lesnoi rastitel'nosti na sostav gumusa pochv razlichnykh prirodnykh zon. Moskva, Izd-vo Akad. nauk SSSR, 1962. 182 p. (DNAL)

FOREST INSECTS—BIOLOGICAL CONTROL see subdivision under Ust'-Orda

FOREST LITTER

(see also subdivision under Murmansk Province)

Water-soluble products of the litter from some arboreal plants and their role in soil formation. G. A. Butanovskii. Pochvovedenie no. 7:116-117 Jl '62.

FOREST MANAGEMENT see subdivision under Byalovezhska Pushcha, Kirghizistan; Solnechnogorsk region; Ufa Plateau; Volgograd Province; Yergeni Hills; Zaigrayevo District

FOREST PROTECTION

"Biological bases of forest protection" by A. I. Vorontsov. Reviewed by A. R. Rodin. Les. khoz. 15 no. 6:92 Je '62.

FOREST REPRODUCTION

(see also subdivision under Komi A. S. S. R.)

Natural regeneration of pine and larch in the Buryat A. S. S. R. L. F. Pravdin. Trudy Inst. lesa i drev. 54.158-188 '62

FOREST SOILS see subdivision under Archangel Province; Barguzin Valley; Uda Valley

FORESTRY RESEARCH see subdivision under Buryat-Mongolia

FORESTS AND FORESTRY

(see also subdivision under Astrakhan Province; Kirghizistan; Polesye, Ukraine)

Conditions and requirements for expanded reproduction in forestry. K. K. Abramovich. Les khoz 15 no 6: 71-73, 75 Je '62.

Factors forming forest-tundra. V. V. Kriuchkov. Izv. AN SSSR, Ser. geog. no 5 105-110 S-O '62.

From foreign forestry practice; from the pages of foreign journals. Les. khoz. 15 no. 6:88-90 Je '62.

Indices of efficient use of the land of the state forest reserve. I. V. Voronin. Les khoz. 15 no 6:66-70 Je '62.

Letters to the editor. Les. khoz. 15 no. 6:87 Je '62.

FORESTS AND FORESTRY—BIBLIOGRAPHY see Bibliography—Forests and forestry

FORESTS AND FORESTRY—DICTIONARIES

Margus, M., A. Valmet, and K. Veermets, comps. [Russian-Estonian silvicultural dictionary] Metsanduslik vene-eesti sonastik Tallinn, Eesti Riiklik Kirjastus, 1962 78 p.

FORESTS AND FORESTRY—EQUIPMENT AND SUPPLIES

FLN-0, 0 mounted rotary forest tiller N. F. Kanev Les. khoz. 15 no. 6 82-84 Je '62

Modernization of the P-5-35 plow for forest plantations under irrigation. E. I. Khaliman. Les. khoz. 15 no. 6: 84-85 Je '62.

FORESTS AND FORESTRY—TAXATION

Regulations for pro stump payments for tree felling. Put' i put. khoz 6 no 6 14 '62.

FORESTS AND FORESTRY—VALUATION

Mirror "relaskop," a handy forest valuation instrument G. P. Motovilov, I. V. Semechkin. Les. khoz 15 no. 6: 19-25 Je '62.

FORGE SHOPS—SAFETY REGULATIONS

Profsoiuz rabochikh mashinostroeniia SSSR. [Safety and sanitation regulations in forge and press shops] Pravila tekhniki bezopasnosti i proizvodstvennoi sanitarii v kuznechno-pressovom proizvodstve. Utverzhdeny postanovleniem Prezidiuma TsK Profsoiuza rabochikh mashinostroeniia 10 marta 1959 g. Moskva, Mashgiz, 1961. 62 p.

FORGING

Dmitrovich, A. M., and others. [Technology of the hot-working of metals] Tekhnologiia gorlachei obrabotki metallov. [By] E. I. Bel'skii i dr. Minsk, Izd-vo M-va vysshego, srednego spetsial'nogo i professional'nogo obrazovaniia BSSR, 1962. 295 p.

Effect of the deformation center parameters on the arm of torque during upsetting with a half-segment die. N. M. San'ko. Nauch. trudy DMI no. 46:342-349 '62.

Effect of the speed of slip on the coefficient of friction in upsetting. G. P. Borisenko. Nauch. trudy DMI no. 46: 335-341 '62.

Relation of the average specific pressure to the geometrical parameters of the deformation center during upsetting with half-segment dies. N. M. San'ko. Nauch. trudy DMI no. 46:350-355 '62.

Sial'nev, V. G. [Progress in forging and sheet-metal working methods] Razvitie metodov obrabotki metallov davleniem. Moskva, Mashgiz, 1962. 618 p.

FORGING MACHINERY—STANDARDS

[Press-forging equipment] Kuznechno-pressovoe oborudovanie. Izd. ofitsial'noi. Moskva, Standartgiz, 1961. 245 p.

[MICROFILM]

FORMALDEHYDE

Condensation of formaldehyde with trifluoroethylene. I. L. Knunlants and others. Izv. AN SSSR. Otd. khim. nauk no. 9:1676-1677 S '62.

FORMOSA—INVESTMENTS, AMERICAN

Brief news. Az. i Afr. seg. no. 10:58 O '62.

FORMS, QUADRATIC

Efimov, N. V. [Quadratic forms and matrices] Kvadraticheskie formy i matritsy. Moskva, Fizmatgiz, 1962. 159 p. (Izbrannye glavy vysshei matematiki dlia inzhenerov i studentov vtuzov)

FORMS, TRILINEAR

An -conjugate system. G. I. Trushin. Izv. vys. ucheb. zav.; mat. no. 4:161-169 '62.

FORMYLATION

Inhibitors of free radical reactions Report No. 3. Formylation of 2, 6-dialkylphenols G. A. Nikiforov and others. Izv. AN SSSR. Otd. khim. nauk no. 10:1836-1838 O '62.

FOUNDATIONS

The design and installation of pile foundations made of short driven piles. Biul. strol. tekh. 19 no. 9:16-17 S '62.

FOUNDING

Dmitrovich, A.M., and others. [Technology of the hot-working of metals] Tekhnologiia goriachei obrabotki metallov. [By] E.I.Bel'skii i dr. Minsk, Izd-vo M-va vysshego, srednego spetsial'nogo i professional'-nogo obrazovaniia BSSR, 1962. 295 p.

Effect of vacuuming on the foundry properties of alloys. IU.A. Nekhendzi. Lit.proizv. no.10:24-32 O '62.

Generalizing about the experience of foundries with casting parts of heating boilers. V.N. Bekhalov, IU.V. Pindiurin, O.I. Vaisman. Sbor. trud. NIIST. no.10: 99-125 '62.

Improving the cupola process in casting cylinder sleeves. P.P. Luzan, A.V. Klibus. Lit.proizv. no.10:7-9 O '62.

Intlakov, N.G. [New equipment and progressive technology in foundry practice] Novaia tekhnika i progressivnaia tekhnologiia v liteinom proizvodstve. Pod red. M.A. Baranovskogo. Minsk, Gos. izd-vo BSSR. Red. proizvodstvennoi lit-ry, 1962. 79 p.

Modern trends in foreign foundry practices. IA.G. Poliakov. Lit.proizv. no.10:45-48 O '62.

Working out principles of the overall mechanization and automation for casting pipe fittings. V.N. Bekhalov. Sbor. trud. NIIST. no.10:71-98 '62.

FOUNDING—ACCOUNTING

Improve calculation and accounting for founding production. F. Vasin, F. Andreev. Bukhg. uchet 19 no.6: 45-50 Je '62.

FOUNDING—BIBLIOGRAPHY see Bibliography—Founding

FOUNDING—CONGRESSES

Scientific and technical conference on "Practices in the design and operation of automatic foundry lines." B.V. Bauman, E.A. Chernin. Lit.proizv. no.10:43-44 O '62.

FOUNDING—TABLES, CALCULATIONS, ETC.

Approximate calculation of metal charge mixtures by graphic and analytical methods. P.M. Karpov. Lit. proizv. no.10:39 O '62.

FOUNDRIES—EQUIPMENT AND SUPPLIES

Automation of a cylinder block shakeout section. A.I. Zibenberg, A.S. Poliakov. Lit.proizv. no.10:21-24 O '62.

Converter making of steel in foundries. S.N. Mylko, N.P. Konashko. Lit.proizv. no.10:4-7 O '62.

Improved construction of the tipping mechanism on a pouring drum ladle. IU.N. Bondarenko. Lit.proizv. no.10:43 O '62.

Modernizing the M323 shot blasting machine. IU.N. Bondarenko. Lit.proizv. no.10:43 O '62.

Modernizing the model 111 pug mill. A.I. Lanko, A.P. Semenov. Lit.proizv. no.10:43 O '62.

Poliakov, D.I., ed. [Album of equipment for the mechanization of foundries] Al'bom sredstv mekhanizatsii liteinykh tsekhov. [By] M.K. Loginova i dr. Moskva, Mashgiz, 1962. 131 p.

Use of Circassian bentonite in mold wash to avoid sand fusion on castings. A.S. Vishnevskii, V.A. Shevchenko. Lit.proizv. no.10:9-10 O '62.

FOURIER SERIES

Convergence of Fourier series on generalized spherical functions. S.S. Litvinkov. Izv.vys.ucheb.zav., mat. no.4:92-103 '62.

Methodology of a frequency analysis and synthesis based on an approximative calculation of Fourier's integrals. [illegible] no.33:85-96 '62.

FRANCE—ELECTRIC LIGHTING

Automatic device for the regulation of lighting. V.Panin. Zhil.-kom.khoz. 12 no.3:34 Mr '62.

FRANCE—FOREIGN ECONOMIC RELATIONS—GERMANY, WEST

Economic foundation of the Bonn-Paris axis. V.Dolinin. Mezhdunar.zhizn' 9 no.11:24-32 N '62.

FRANCE—FOREIGN RELATIONS—GERMANY, WEST

A Franco-West German alliance. L. Istiagin. Mir ekon. i mezhdunar.otn. no.11:113-115 N '62.

FRANCE—FOREIGN RELATIONS—RUSSIA

Frenchmen welcome N.S. Khrushchev. R. Andrier. Blok.agit. [Bel.] no.3:36-42 Ja '60.

FRANCE—HISTORY

"Collected studies on the history of France from the 18th to the 20th century" by A.Z. Manfred. Reviewed by B.F. Porshnev. Nov.i noveish.ist. no.4:168-170 '62.

"The French yearbook for 1959 and 1960, articles and source materials concerning the history of France." Reviewed by A.V. Ado. Nov.i noveish.ist. no.5:110-145 '62.

FRANCE—MANUSCRIPTS, GREEK

"Catalog of Greek manuscripts of the French National Library" [in French]. Reviewed by E.E. Granstrem. Viz.vrem. 21:230-233 '62.

FRANCE—MAPS

New geographical atlas of France and its methodological features. V.V. Pokshishevskii. Izv.AN SSSR. Ser.geog. no.5:158-161 S-O '62.

FRANCE—MARITIME LAW

Some decisions of French courts. Inform.sbor.TSNIIMF no.71 Mor.pravo i prak. no.15:67-70 '61.

FRANCE—MUSIC IN INDUSTRY

Music in production. A. Perrote. Biul.nauch.inform.: trud i zar.plata 5 no.9:59-63 '62.

FRANCE—POLITICS AND GOVERNMENT

The French referendum. V.G. Nov.vrem. 20 no.45: 20-21 N '62.

The voice of progressive France. Raymond Guilleaux. Agitator no.22:30-33 N '62.

FRANCE—POPULAR FRONTS

"The Popular Front of 1936" [in French] by Jacques Chastenet. Reviewed by V.D. Markova. Nov.i noveish. ist. no.4:181 '62.

FRANCE—RAILROADS—SWITCHES

Characteristics of the arrangement of switches and crossings of French railroads (from the "Monthly Bulletin of the International Railway Congress Association"). Put' i put.khoz. 6 no.10:47-48 O '62.

FRANCE—REVOLUTION

Plebeian opposition in Paris on the eve of the Ninth Thermidor [with summary in English, p.188]. IA.M. Zakher. Nov.i noveish.ist. no.5:56-71 '62.

FRANCE—SCIENTIFIC APPARATUS AND INSTRUMENTS

Some types of quality control instruments manufactured by firms in France. B.M. Gavritov. Khim.prom. [Ukr.] no.1:91-94 Ja-Mr '62.

FRANCE—SOCIAL SCIENCES

A "Week of Marxist theory" in France. L. Turova. Nov. i noveish.ist. no.4:179 '62.

FRANCE—SOCIALIST PARTY

How "neosocialism" has influenced the political views of French right-wing socialists [with summary in English, p.188]. S.S. Salychev. Nov.i noveish.ist. no.5: 9-23 '62.

FRANCE—THEATER

Anxieties and hopes of France as they are expressed by Jean-Louis Barrot. Tat'iana Bachelis. Teatr 23 no.10:180-188 O '62.

FRANCE—WORLD WAR, 1939-1945—COLLABORATIONISTS

How an English historian is trying to defend the "Gravediggers of France." M.B. Rabinovich. Vop.ist. no.10: 196-197 O '62.

FRANCO-GERMAN WAR, 1870-1871

Karl Marx on the Franco-Prussian War of 1870-1871. Nov.i noveish.ist. no.4:3-6 '62.

FRANCO-RUSSIAN ALLIANCE

"Some financial aspects of the Franco-Russian Alliance [in French] by Rene Girault. Reviewed by V.A. Emets. Vop.ist. no.10:193-194 O '62.

FRANKO, IVAN, 1856-1916

From archive materials on I. Franko. I.M. Kurylenko. Rad.lit. 6 no.4:128-129 Jl-Ag '62.

Ivan Franko's thoughts on the language employed by T. Shevchenko. Z.T. Franko. Movoznavstvo 17:92-100 '62.

FREE ELECTRON THEORY OF METALS

Electron mobility in heavily doped germanium with arsenic impurities. V.I. Fistul', M.I. Iglitsyn, I.M. Omel'ianovskii. Fiz.tver.tela 4 no.4:1065-1067 Ap '62.

FREIGHT AND FREIGHTAGE

Future development of interregional relations and freight traffic. I.I. Belousov, N.N. Kazanskii, V.S. Vnukovo. Vop.geog. no.57:147-179 '62.

Instruction on the implementation of regulations on the direct railroad and water transportation of freight. Inform.sbor. TSNIIMF no.71 Mor.pravo i prak. no.15: 45-53 '61.

International direct railroad and water transportation of freight. G.B. Astanovskii. Inform.sbor. TSNIIMF no.71 Mor.pravo i prak. no.15:21-27 '61.

FRENCH LANGUAGE—DICTIONARIES—ENGLISH

Deev, M.N., comp. [French-Russian rocket dictionary] Frantsuzsko-russkii slovar' po raketnoi tekhnike. Pod red. N.L. Solov'eva. Moskva, Voenizdat, 1962. 263 p.

FRENCH LANGUAGE—DICTIONARIES—RUSSIAN

Beliaeva, G.F., and other, comps. [French-Russian metallurgical dictionary] Frantsuzsko-russkii metallurgicheskii slovar'. [By] N.V. Astrova i dr. Pod red. G.F. Beliaevoi i N.N. Timoshenko. Moskva, Gos. izd-vo inostr. nauchno-tekhn. slovarei Fizmatgiza, 1962. 433 p.

[French-Russian pocket dictionary] Karmannyi Frantsuzsko-russkii slovar'. Sost. K.S. Vygodskaia. Moskva, Gos. izd-vo inostr. i natsional'nykh slovarei, 1960. 647 p.
(IEN)

FRENCH LANGUAGE—GRAMMAR

Popova, I.N., Zh.A. Kazakova, and N.A. Kashinskaia. [Textbook of the French language] Uchebnik frantsuzskogo iazyka. Moskva, Izd-vo lit-ry na inostr. iazykakh, 1961. 511 p.
(CLU)

FRENCH LANGUAGE—STUDY AND TEACHING

Dramatization on the motifs of V. Nosov's play "Two friends" [in French]. A. Angelevich. Inostr. iaz. v shkole no.5:63-71 S-O '62.

From the practice of the Voronezh University in reorganizing the teaching of foreign languages. A.S. Shkliaeva. Inostr. iaz. v shkole no.5:7-12 S-O '62.

FREONS

Comparative evaluation of the methods for worming sheep with fasciolinals using difluorotetrachloroethane (freon 112) and carbon tetrachloride. D.D. Bat'ianov, Z.I. Guzman. Trudy NIVI 1:179-181 '60.

FREQUENCIES OF OSCILLATING SYSTEMS

Natural frequencies of vibration in silicon and diamond. T.I. Kucher. Fiz.tver.tela 4 no.4:992-998 Ap '62.

FREQUENCY CHANGERS

Asynchronous condenser-type frequency converter. G.I. Merkin. Izv.vys.ucheb.zav.elektromekh. 5 no.6: 739-746 '62.

Parallel operation of rectifiers and ionic frequency converters. S.M. Katsnel'son. Izv.vys.ucheb.zav., elektromekh. 5 no.6:666-669 '62.

A rectifier and rectifier control network of a frequency converter. A.V. Rubchinskii. Vest.elektroprom. 33 no.9:44-48 S '62.

Tarashchanskii, M.M. [Synchronous-reactive frequency converters] Sinkhronno-reaktivnye preobrazovateli chastoty. Kiev, Gostekhizdat, USSR, 1962. 178 p.

FREQUENCY MEASUREMENTS

Measuring frequencies of electric oscillations by standard frequencies transmitted by radio stations. E.V. Artem'eva, G.N. Palii. Izm.tekh. no.10:50-52 O '62.

FREQUENCY REGULATION

Study of dynamic and statistical characteristics of an automatic phase frequency trim system with quadratic and composite damping [with summary in English]. IU.N. Bakaev. Avtom.i telem. 23 no.9:1179-1185 S '62.

FRESHWATER BIOLOGY see subdivision under Syamozero

FRESHWATER FAUNA
(see also subdivision under Czechoslovakia)

Enrichment of fauna in reservoirs. P.A. Zhuravel'. Priroda 51 no.10:68-71 O '62.

FRESHWATER FLORA

Effect of the various biomass of aquatic plants on the concentration of microquantities of cesium and strontium in tanks with slow circulation [with summary in English]. A.L. Agre, A.P. Raiko, N.V. Timofeev-Resovskii. Biul.MOIP.Otd.biol. 67 no.5:120-127 S-O '62.

FRICTION

Applicability of the two-term friction law to the friction properties of polymers. B.V. Deriagin, IU.P. Toporov. Dokl.AN SSSR 146 no.6:1356-1359 O '62.

FRICTION (Continued)

Changes in surface metal layers caused by non-lubricated sliding friction and their effect on the wear resistance of friction devices of railroad cars. N. N. In'shakov, I. F. Komolova. Trudy Sem. po kach. poverkh. no 5;392-400 '61.

Determining the adhesion forces between solids. S. B. Ainbinder, E. F. Klokova. Dokl. AN SSSR 146 no.5: 1058-1060 O '62.

Effect of the speed of slip on the coefficient of friction in upsetting. G. P. Borisenko. Nauch. trudy DMI no.48:335-341 '62.

Friction coefficient as a function of the contact temperature. N. M. Klement'ev. Vest. mashinostr. 42 no.10 43-45 O '62.

Friction coefficient in contacts of friction elements and the efficiency of toroid friction drives operating in an oil medium. A. N. Mezhnikov. Vest. mashinostr. 42 no.10,36-42 O '62.

IAnov, V. V. [Antifriction composition materials based on small-particle wood waste] Antifriktsionnye kompozitsii na osnove drevesnykh otkhodov melkikh fraktsii. Leningrad, 1962. 22 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Serila: Derevoobrabatyvaiushchaia promyshlennost', no.4)

Investigating external friction during the rolling of lead. A. P. Grudev, IU. V. Zil'berg. Nauch. trudy DMI no.48, 299-310 '62.

Maximum angles of bite in the rolling of steel and nonferrous metals. A. P. Grudev, IU. V. Zil'berg. Nauch. trudy DMI no.48:186-191 '62.

Shift deformations and wear resistance of surface layers subjected to friction. V. D. Dydokimov. Izv. AN SSSR, Otd. tekh. nauk. Mekh. i mashinostr. no. 5:167-170 S-O '62.

FRIT FLIES

(see also subdivision under Kwangtung Province, Yunnan Province)

New pests of brome grass, frit flies of the genus Dicraeus (Diptera, Chloropidae) [with summary in English]. Z. IA. Agafonova. Ent. obozr. 41 no.3, 492-504 '62.

FROGS—DISEASES AND PESTS

Case of isolation of S. Heidelberg from a frog's intestine L. A. Gitterman. Zhur. mikrobiol., epid. i immun. 33 no. 6:125-126 Ag '62.

FROLOV, IVAN PETROVICH

In the way of our fathers. D. Azov. Sov. voin 44 no.20:17-18 O '62.

FROLOV, MATVEI L'VOVICH

Thirty years in a radio station. I. Bavin. Sov. rad. i tel. 6 no.5:22-23 '57.

FROLOV, PETR IVANOVICH

In the way of our fathers. D. Azov. Sov voin 44 no.20:17-18 O '62.

FROZEN GROUND

(see also subdivision under Irkutsk Province; Noril'sk region, Yakutia)

Bit for thermal drilling of frozen ground. Nar. khoz. Kazakh. 20 no.6,90 Je '62.

Improving the wheel of the excavator for working frozen ground. A. S. Gel'fond. Strol. i dor. mash. 7 no. 9:12-13 S '62.

Nature of rock pressure manifestations during the working of a medium thick, inclined layer in a permafrost zone. V. S. Andreev. Nauch. trudy MGI no. 38;255-266 '61.

FROZEN GROUND—TESTING

Drodskaia, A. G. [Compressibility of frozen ground] Szhimaemost' merzlykh gruntov. Moskva, Izd-vo Akad. nauk SSSR, 1962 81 p.

FRUIT

(see also subdivision under Khabarovsk; Kopet-Dag)

Shapiro, D. K., and M. M. Golomshtok. [Harvesting, storing, and simple methods for processing fruit and berries] Uborka, khranenie i prosteishaia pererabotka plodov i iagod. Minsk, Izd-vo Akad. sel'khoz. nauk BSSR, 1960. 55 p.
(DNAL)

FRUIT—STORAGE

Fruit storehouses for collective and state farms. M. Izrailevskyi. Sil'. bud. 12 no. 10;11-12 O '62.

Oleinikov, F. G. [Storing and processing fruits and vegetables] Khranenie i pererabotka plodov i ovoshchei. [Rostov-na-Donu] Rostovskoe knizhnoe izd-vo, 1961. 51 p.

FRUIT—VARIETIES see subdivision under Kazakhstan

FRUIT CULTURE

(see also subdivision under Ararat region, Astrakhan Province; Kazakhstan; Kirghizistan; Moldavia; Ural Mountain; Volgograd Province)

Zhuchkov, N. G., ed. [Fruit culture with the fundamentals of landscape gardening] Plodovodstvo s osnovami dekorativnogo sadovodstva. [By] A. I. Voronina i dr. Leningrad, Sel'khozizdat, 1962, 526 p. (Uchebniki i uchebnye posobiia dlia sel'skokhoziaistvennykh tekhnikumov)
(DNAL)

FRUIT CULTURE—RESEARCH

(see also subdivision under Kazakhstan)

Methods for determining the vitality and fertilization capacity of the pollen of fruit-bearing plants. V. I. Ostapenko. Trudy TSGL 7 163-169 '61.

Methods of cytological investigation of fruit trees and berry plants. O. S. Zhukov. Trudy TSGL 7;118-139 '61.

FRUIT CULTURE—STUDY AND TEACHING

Berries in the school garden plot. L. S. Kondakova. Izv Vor. gos ped. inst 36,31-42 '61

FRUIT JUICES—TESTING

Viscosity of fruit juices. A. F. Fan-Riung (Fang-Yung). Izv. vys. ucheb. zav., pishch. tekh. no. 5:65-67 '62.

FRUIT TREES

Morphogenesis of fruit-bearing plants. A. I. Uskov. Trudy TSGL 7,109-117 '61.

FRUNZE—HISTORICAL MUSEUMS

Akademiia nauk Kirgizskoi SSR, Frunze, Institut istorii. Istoricheskii muzei. [Handbook and guide] Spravochnik-putevoditel'. Frunze, 1960. 170 p. illus.
(MH)

FUEL

Catalytic pyrolysis of pulverized fuels under hydrogen pressure. E. I. Kazakov, P. N. Melent'ev. Trudy IGI 17:43-46 '62.

FUEL—ANALYSIS

Basic requirements for fuel sampling and sample processing machines. N. V. Grek. Obog. i brik. ugl. no. 24 45-48 '62.

FUEL—COMBUSTION

Simplified method of heat calculation in the multiple-stage burning of natural gas and liquid fuel A. A. Shatil'. Teploenergetika 9 no.11,91-93 N '62.

FUNCTIONAL ANALYSIS

Sobolev, S. L. [Some applications of functional analysis in mathematical physics] Nekotorye primeneniia funktsional'nogo analiza v matematicheskoi fizike. Novosibirsk, Izd-vo Sibirskogo otd-niia AN SSSR, 1962. 251 p.

FUNCTIONAL EQUATIONS

Range of values of the functional $I \ln \frac{\omega^{\lambda}\varphi'(\omega)^{\lambda}-\lambda\varphi(0)^{\lambda}}{\left[\varphi(\omega)^{\lambda}\right]'\left[\varphi(\omega)\right]^{\lambda}}$ in the class S_1. M. I. Red'kov. Izv. vys. ucheb. zav., mat. no.4:134-142 '62.

FUNCTIONS

Applying the orispheric method to the spectral analysis of functions in real and imaginary Lobachevskii spaces. I. M. Gel'fand, M. I. Graev Trudy Mosk. mat. ob-va 11 243-308 '62.

Examination of functional relations in the physics course. A. Tazhmagambetov. Fiz. v shkole 22 no.4: 46-50 Jl-Ag '62.

Some applications of the method of expansion of delta functions in plane waves. D. Murtazaev. Trudy AN Tadzh. SSR 109:79-91 '61.

A theorem of difference quotients. N. A. Stoliarov. Izv. vys. ucheb. zav.; mat. no.4:152-154 '62.

A theorem of the existence of rational functions on Riemannian surfaces. V. G. Mikhal'chuk. Izv. vys. ucheb. zav.; mat. no.4,104-109 '62.

FUNCTIONS, ANALYTIC

Hilbert's nonlinear problem for m pairs of generalized analytic functions. A. Dzhuraev. Trudy AN Tadzh. SSR 109:37-56 '61.

FUNCTIONS, CHARACTERISTIC see Eigenfunctions

FUNCTIONS, CHEBYSHEV'S see Chebyshev polynomials

FUNCTIONS, CONTINUOUS

Evaluation from below of the approximation of continuous functions by linear positive operators [with summary in English]. N. A. Sapogov. Vest. LGU 17 no. 19;49-55 '62.

FUNCTIONS, ELLIPTIC

Schuler, Max, and Kh. Gebelein. [Tables of elliptic functions. Translated from the German] Tablitsy ellipticheskikh funktsii Moskva, Vychislitel'nyi tsentr AN SSSR, 1961. xvii, 296 p. tables. (Biblioteka matematicheskikh tablits, no. 13)
(RPB)

FUNCTIONS, ENTIRE

Evgrafov, M. A. [Asymptotic estimations and integral functions] Asimptoticheskie otsenki i tselye funktsii. Izd. 2., perer. Moskva, Fizmatgiz, 1962. 199 p.

FUNCTIONS, PERIODIC

Order of convergence of m-singular integrals of a periodic function in generalized Lebesgue points and in an L_p $(-\pi,\pi)$ space [in Azerbaijani with summary in Russian]. R. G. Mamedov. Izv. AN Azerb. SSR. Ser. fiz.-mat. i tekh. nauk no.2:16-26 '62.

FUNCTIONS, POTENTIAL see Differential equations, Partial

FUNCTIONS OF SEVERAL VARIABLES

Approximation of the function of two variables by a special type of superposition of functions of one variable. I. L. Veselago. Izv LETI 57 no.39:271-281 '59.

Best approximation of functions of several variables by polynomials. M. F. Bezborodnikov. Izv. vys. ucheb. zav., mat. no.4,3-12 '62.

Minimization of the logical functions of a great number of variables [with summary in English] V. D. Kazakov. Avtom. i telem. 23 no 9:1237-1242 S '62.

Properties of differentiable functions of several variables at the boundary. S. M. Nikol'skii. Dokl. AN SSSR 146 no. 3:542-545 S '62.

Properties of functions of several variables which can be adequately approximated by rational functions. E. P. Dolzhenko. Izv. AN SSSR Ser. mat. 26 no. 5:641-652 S-O '62.

Quasi-analytic classes of functions of several variables. L. I. Ronkin. Dokl. AN SSSR 146 no. 3 546-549 S '62.

FUNGI

(see also subdivision under Amur Province; Crimea; Kurile Islands; Tien Shan)

Search for substances possessing antitumorous properties. G. E. Arkad'eva, N. V Duganova. Trudy Len. khim.-farm. inst. no.13:150-155 '61.

FUNGI, PHYTOPATHOGENIC see subdivision under Lithuania; Terskoi Ala-Tau

FUR

The problem of production of sheep pelts for garments has to be solved. A. N. Mashkov. Kozh.-obuv. prom. 4 no.10:10-12 O '62.

FUR—DRESSING AND DYEING

Use of active dyes in fur dyeing. E. N. Fedotova, IU. N. Aronina. Izv. vys. ucheb. zav. ;tekh. leg. prom. no. 4: 55-60 '62.

FUR, ARTIFICIAL see Artificial fur

FUR-BEARING ANIMALS

Activity of the subsection of game management during the first half of 1961. Biul. MOIP. Otd. biol. 67 no.5: 143-144 S-O '62.

FURALDEHYDE—SPECTRA

Changes occuring in the optical density of furfurol in storage. T. E. Golodovskaia, V. G. Kul'nevich, E. N. Shapovalov. Izv. vys. ucheb. zav., pishch. tekh. no. 5: 96-101 '62.

FURALDENYDE

Chromatographic analysis of the acid composition of the products of oxidation of furfurol in the gas phase. G. I. Kolesnikov, V. I. Paddubnyi. Izv. vys. ucheb. zav., pishch. tekh. no. 5:40-42 '62.

FURAN

Catalytic synthesis of trialkyl tetrahydrofurans. I. F. Bel'skii, N. I Shuikin. Izv. AN SSSR. Otd khim nauk no. 9:1650-1660 S '62.

Effect of carbonyl and carbalkoxy groups on the direction of hydrogenolysis of furan cycle under conditions of vapor phase hydrogenation I. F Bel'skii, N. I Shuikin, V. M. Shostakovskii. Izv. AN SSSR. Otd. khim. nauk no 10:1821-1825 O '62.

FURNACES

Determination of the optimum tuning of automatic control systems for tubular atmospheric furnaces with allowance for internal cross-links. A. G. Abilov. Izv. AN Azerb. SSR. Ser. fiz.-mat. i tekh. nauk no. 2: 76-88 '62.

FURNACES, HEATING

"Design of heating furnaces" by E. M. Gol'dfarb and others. Reviewed by L. A. Brovkin. Izv. vys. ucheb. zav. ;chern. met. 5 no. 9:193-196 '62.

FURNITURE

Belov, A. A. [Make furniture yourself] Sdelai mebel' sam. [Moskva] Molodaia gvardiia, 1962. 167 p.

FURNITURE INDUSTRY—EQUIPMENT AND SUPPLIES

Dismiss the oldfashioned wickerwork clamps. L. Shenker. Mest. prom. i khud. promys. 3 no. 8:16 Ag '62.

FURNITURE INDUSTRY AND TRADE see subdivision under White Russia

FURNITURE WORKERS—DISEASES AND HYGIENE

Specific character of morbidity among upholsterers. A. V. Tarasova, V. G. Artamonova, F. L. Polonskaia. Zdrav. Ros. Feder. 6 no. 9:19-22 S '62.

FUSARIUM see subdivision under Kazakhstan

FUSED SALTS

Electromagnetic pumping of nonmetallic melts. V. P. Polishchuk, M. R. TSin. TSvet. met. 35 no. 10:82-83 O '62.

State of zinc in fused chlorides. I. F. Nichkov, S. P. Raspopin, A. F. TSarenko. Izv. vys. ucheb. zav.; tsvet. met. 5 no. 5:89-92 '62.

FUSED SALTS—CONGRESSES

Rumanian-Soviet scientific conference on the physics chemistry of fused salts. A.I.Beliaev. Izv.vys. ucheb.zav., tsvet.met. 5 no.5 167-168 '62.

FUSED SALTS—ELECTRIC PROPERTIES

Electric conductance of fused reciprocal pairs of salts System Ag, K// Cl, Br B F Markov, V D Prisiazhnyi Ukr khim zhur. 28 no 5 653 '62

Polarization phenomena in melts on a solid electrode of the same metal IU.K.Delimarskii, N.V.Vlasiuk. Ukr.khim.zhur. 28 no.6 688-692 '62.

FUSULINIDAE

Some Lower Permian fusulinids of the Urals and other regions of the U.S.S.R. O G Fumanskaia. Dokl.AN SSSR 146 no.6 1396-1398 O '62.

GABBRO see subdivision under Kuznetsk Ala-Tau; Olekma River

GADFLIES see Horseflies

GAGARIN, IURII ALEKSEEVICH, 1934-

Austria applauds. M.Golvshev. Av.i kosm. 45 no.10. 81-82 '62.

Flowers of the festival. G.Semenikhin. Av.i kosm. 45 no.10:85-86 '62.

On Japanese islands. I.Shipilov. Av.i kosm. 45 no.10.83-84 '62.

GALACTURONIC ACIDS

Reaction of galacturonic and pectic acids with aluminum salts. T.K.Gaponenkov, Z.L Protsenko. Izv.vys. ucheb.zav., pishch.tekh. no.5:43-46 '62.

GALAXIES

Absolute two-color photometry of NGC 7331 [with summary in English]. A T.Kalloglian. Soob.Biur.obser. no 30:21-33 '62.

Detailed colorimetry of galaxies NGC 2976, 3031 (M 81), 3034 (M 82), and 3077 [with summary in English]. B.E. Markarian, E.IA.Oganesian, S.N.Arakelian. Soob. Biur.obser. no 30.3-20 '62.

GALL BLADDER—DISEASES

Acute cholecystitis in children [with summary in English] D.G. Kaenzov, I.I.Kleimenova. Pediatriia no 8:18-21 '62.

Amount of vitamin C in the blood and urine of patients with chronic anglocholecystitis as related to dietetic therapy and the use of some antibiotics [with summary in English]. V.K.Zikeeva. Vop.pit. 21 no.3:47-52 My-Je '62.

Clinical aspects, diagnosis and treatment of anglocholecystitis in children [with summary in English]. N.G. Zernov, T.A.Samorukova Pediatriia no.8 12-18 '62

Cutaneous neuroreflex vascular reactions in chronic cholecystitis and their changes under the influence of health resort treatment at Yessentuki. A.M. Nogaller. Uch. zap. Pyat. gos. nauch.-issl. balⁿ. inst. 3 159-176 '60.

Effect of health resort therapy on the motor function of the gall bladder in chronic cholecystitis (X-ray studies) [with summary in English]. N.M.Poliakov. Sov.med. 26 no.8:32-37 Ag '62.

Errors in the diagnosis of acute cholecystitis [with summary in English]. A.M.Shabanov, K.F.Smirnova. Sov.med. 26 no.8:37-43 Ag '62.

Study of the cutaneogalvanic reflex as an index of the reactivity of the nervous system in chronic cholecystitis. A.M.Nogaller. Uch. zap. Pyat. gos. nauch.-issl. balⁿ. inst. 3 139-158 '60.

Treatment with resochin of lambliogenic cholecystitis. A.V Lypenko. Vrach. delo no. 10:151-152 O '62.

GALL GNATS see subdivision under Siberia, Western

GALL SICKNESS see Anaplasmosis

GALLIC ACID

Dissociation of p-carboxygallanilide. A.T. Slinsarev, A.L.Gershuns. Ukr.khim.zhur. 28 no.3:309-315 '62.

GALLIUM

Removal of mercury, cadmium, and zinc from gallium, indium, and thallium by the distillation of impurities in a high temperature vacuum. A.A.Shokol, L.F.Kozin. Ukr.khim.zhur. 28 no.6:699-702 '62.

GALLIUM—ANALYSIS

Fluorimetric determination of trace amounts of gallium in semiconductor silicon and high purity zinc. V.A. Nazarenko, S.IA.Vinkovetskaia, R.V.Ravitskaia. Ukr.khim zhur. 28 no.6:726-728 '62.

GALLIUM ARSENIDE CRYSTALS

Recombination radiation of gallium arsenide. D.N. Nasledov and others. Fiz.tver.tela 4 no.4:1062-1065 Ap '62.

GALLIUM OXALATE

Gallium oxalates. L.I.Dubovenko. Ukr.khim.zhur. 28 no.6:675-681 '62.

GALLIUM PHOSPHATE

Reaction of gallium phosphate with phosphoric acid. I.V. Tananaev, N.N.Chudinova. Zhur.neorg.khim. 7 no.10:2267-2289 O '62.

GALLIUM PHOSPHIDE CRYSTALS—SPECTRA

Resonance and nonresonance radiation from centers in the GaP crystal and their interaction with lattice phonons E.F.Gross, D.S.Nedzvetskii. Dokl.AN SSSR 146 no.5:1047-1050 O '62.

GALLS (BOTANY)

Galls, bud teratosis and their pathogens on Tamarix L. [with summary in English]. E.I.Slepian. Biul.MOIP. Otd.biol. 67 no.5 61-75 S-O '62.

GAME THEORY

Application of the theory of games to some automatic control problems. Part 2 [with summary in English] M.IU.Gadzhiev. Avtom.i telem. 23 no.9:1144-1153 S '62.

GAMES OF STRATEGY (MATHEMATICS)

Discrete variant of a problem of Moser [with summary in English]. S.S.Kislitsyn. Vest.LGU 17 no 19 140-142 '62

GAMMA GLOBULIN

Diagnosis of bacillary dysentery by means of fluorescing gamma globulin M I Kozhushko, M I Kozar', I L. Margulis Voen.-med zhur no 9 57-59 S '61.

Genesis and properties of nonantigenic γ globulin in newborn animals; first appearance of natural antibodies and their relation to bactericidal properties of the serum J. Sterzl and others. Zhur. mikrobiol., epid.i immun 33 no.8:60-68 Ag '62.

Interrelation of the production of antibodies and γ globulins under normal conditions and under the influence of cortisone in rabbits exposed to successive immunization [with summary in English] L.T. Pliss. Zhur mikrobiol., epid.i immun 33 no.6:118-124 Ag '62.

GAMMA-RAY SPECTROMETRY

Concerning the remarks of S.G.Troitskii, and V.L. Shashkin in "Geologiia i geofizika" no.7, 1962. L.S. Polak and others. Geol.i geofiz. no.9:125-126 '62.

GAMMA RAYS

Electron emission from the surface of a radioceramic irradiated by gamma rays. A M Belonogov, A A. Evgrafov. Izv.LETI 59 no.46 344-345 '62

Gamma- and photoelectric properties of cadmium sulfide. P.G.Litovchenko, V.I.Ustianov. Fiz.tver.tela 4 no.1:1050-1052 Ap '62.

Polymerization of vinylidene fluoride subjected to the action of gamma rays. E.V.Volkova and others. Zhur. VKHO 7 no.5:593-594 '62.

Transformations of free radicals in γ-irradiated polyisoprenes. A.S.Kuz'minskii and others. Dokl.AN SSSR 146 no.3 611-614 S '62.

GAMMA RAYS—MEASUREMENT

Memory mechanism of an electret detector in integral operation O A Miazdrikov. Izv.LETI 59 no.46 294-299 '62

GAMMA RAYS—PHYSIOLOGICAL EFFECT

Selection, variability and preservation of cultures of micro-organisms used for the production of bacterial fertilizers [with summary in English]. V.T.Emtsev. Izv.AN SSSR.Ser.biol. no.5:732-739 S-O '62.

GAMMA RAYS—SCATTERING

Inverse scattering of gamma rays. A.M.Sazonov. Izv LETI 59 no.46:328-334 '62

Resonance scattering of γ-quanta on Sn^{116} nuclei [with summary in English]. D.K Kalpov and others. Zhur. eksp.i teor.fiz. 43 no.3:808-812 '62.

GAMMA RAYS—SPECTRA

Calculating the parameters of the experimental spectrum of resonance absorption of gamma-quanta in crystals [with summary in English]. G.A Bykov, Fam Zui khien. Zhur eksp i teor.fiz 43 no 3:909-918 '62.

GANGLERON

Ganglerone and its use in angiospastic conditions N N. Anosov. Voen.-med zhur no 9 81 S '61

GARMENT CUTTING

Demenkov, P.I. [Design of patterns for men's clothing] Konstruirovanie muzhskoi verkhnei odezhdy. Moskva, Gostekhizdat, 1961. 227 p.

Method of increasing the wear resistance of pattern edges. V.K.Karasev. Izv.vys.ucheb.zav.tekh leg.prom no.4:139-143 '62.

GARNET see subdivision under Bug Valley

GARNET—SPECTRA

Effect of isomorphic substitutions on certain characteristics of the infrared spectra of garnet. M.A.Gnevushev, L.G.Fedorova. Dokl.AN SSSR 146 no.3:672-675 S '62.

GAS, NATURAL

(see also subdivision under Ukraine; Uzbekistan)

Use of natural gas in ferrous metallurgy. E.G.Khripko, V.P.Adrianova, N.A.Shapovalov. Izv.vys.ucheb.zav.; chern.met. 5 no.9:5-9 '62.

GAS, NATURAL—GEOLOGY see subdivision under Ararat Plain, Ashchisol Depression, Asia, Southeastern; Bashkiria, Caspian Lowland; Mugodzhar Hills region; Near East; Sabo region; Siberia, Eastern; Timan Ridge; Uzbekistan

GAS, NATURAL—PIPELINES

(see also subdivision under Soviet Central Asia)

Promtov, A.I. [Technical equipment for the compressor stations of gas pipelines and its operation] Tekhnologicheskoe oborudovanie kompressornykh stantsii magistral'nykh gazoprovodov i ego ekspluatatsiia. Moskva, Gostoptekhizdat, 1962. 326 p.

Requirements of the gas and petroleum industry to the types of compressor machinery and potentialities of the use of free-piston units V.V.Gordzilkovskii. Izv vys.ucheb.zav., mashinostr. no.5 26-36 '62

GAS, NATURAL—STORAGE

(see also subdivision under Kaluga region, Kiev Economic region, Leningrad region, Ryazan region, Shcheklovo region, Ural Mountain region)

Drilling wells for underground gas storage N. P. Smeglev Trudy SGPK no 3 172-175 '62

Methodology of prospecting operations in connection with underground storage of gas I G Lodzhevskii Trudy SGPK no. 3.35-46 '62.

Results of prospecting operations performed by the United Geological Prospecting Bureau between 1950 and 1960 for purposes of organizing the underground storage of gas I.I Afanasenkov. Trudy SGPK no 3:46-51 '62

Underground storage of gas in the U.S.S.R. N.S Etofeev Trudy SGPK no 3 3-15 '62

GAS AND OIL ENGINES

Gonkin, K.I. [Gas engines] Gazovye dvigateli. Moskva, Mashgiz, 1962. 114 p.

Studies of internal combustion engines. I.M.Agaeva. Trudy ENIN AN Azerb.SSR 15 13-39 '62.

GAS AND OIL ENGINES—CLEANING

Flushing-out of the lubrication system of a stationary motor. V.Bovda. Tekh.v sel'khoz. 22 no.8:46-48 Ag '62.

GAS AND OIL ENGINES—GRAPHIC METHODS

Representation of cycles of some heat engine units in a balance diagram. G.A Ratyanikov. Izv vys ucheb zav., mashinostr no.9:135-152 '62.

GAS AND OIL ENGINES—TESTING

Using models in investigating gas exchange in two-cycle engines. M.G Kruglov, N P.Kozlov Izv.vys.ucheb. zav., mashinostr. no.5.101-111 '62

GAS APPLIANCES

Gas appliances for collective farms. P.Andreev, N. Kozhinskaia, A. Kuznetsov. Zhil.-kom.khoz. 12 no.5 10-11 My '62.

GAS AS FUEL

Malyi, G.A. [Automation of industrial furnaces fired with gas] Avtomatizatsiia promyshlennykh pechei, rabotaiushchikh na gazoobraznom toplive. Leningrad, 1962. 23 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia: Energetika, no.6)

Poborchii, V.S. [Experience in the automation of steam boilers fired with gas] Opyt avtomatizatsii parovykh kotlov, rabotaiushchikh na gazoobraznom toplive. Leningrad, 1962. 22 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia: Energetika, no.7)

GAS CHROMATOGRAPHY

Analysis of light petroleum hydrocarbons by means of gas-liquid chromatography. F. N. Mazitova, R A Virobiants, S K. Ermakova. Izv AN SSSR Otd. khim. nauk no.9:1546-1550 S '62

Quantitative and qualitative analyses of mixtures of cyclic ethers by means of gas-liquid chromatography N. I. Shuikin, B I. Lebedev, V V. An Izv. AN SSSR. Otd. khim. nauk no.10 1868-1869 O '62.

GAS CYLINDERS

Makurin, P.I. [Handling and use of gas cylinders] Ekspluatatsiia gazovykh baltonov. Moskva, Mashgiz, 1962. 111 p.

GAS DISTRIBUTION

(see also subdivision under Gorkiy)

Bainsanov, D.B. [Automatic and remote control devices in municipal gas supply systems] Avtomaticheskie i telemekhanicheskie ustroistva v gorodskikh sistemakh gazosnabzheniia; uchebnoe posobie dlia tekhnicheskikh vuzov. Baku, Azerbaidzhanskoe gos. izd-vo uchebno-pedagog. lit-ry, 1961. 300 p.

Gordiukhin, A.I. [Urban gas networks] Gorodskie gazovye seti. Izd.2., perer. Moskva, Izd-vo M-va kommun. khoz. RSFSR, 1962. 333 p.

GAS DYNAMICS

Investigation of gas dynamics in the blast furnace process using helium. I.A.Kopyrin and others. Izv. AN SSSR.Otd.tekh.nauk.Met.i topl. no.5:22-28 S-O '62.

Properties of a rarefied Fermi gas with attraction [with summary in English]. S.V.Maleev. Zhur.eksp.i teor.fiz. 43 no.3:1044-1052 '62.

GAS DYNAMICS (Continued)

Some remarks on relativistic Maxwell distribution [with summary in English]. N B. Maslova. Vest LGU 17 no. 19:156-159 '62.

GAS FITTING—WELDING

Vsesoiuznaia konferentsiia po primeneniiu svarki v stroitel'nykh konstruktsiiakh, 1961. [Use of welding for structural elements] Primenenie svarki v stroitel'nykh konstruktsiiakh, [sbornik materialov]. Moskva, Gosstroiizdat, 1962. 415 p. [MICROFILM]

GAS GANGRENE

Study of the immunological effectiveness of complex immunization against gas gangrene, tetanus, and botulism in experiments on monkeys [with summary in English]. S.A. Zolevinskaia, T I. Bulatova, I.A. Larina Biul. eksp.biol. i med. 53 no.6,59-62 Je '62.

Supracondylar hip amputation in gas gangrene infection. IU.V. Astrozhnikov. Vest.khir. 89 no. 8 74 Ag '62.

GAS-LUBRICATED BEARINGS

Experimental study of the volumetric distribution of pressure in aerodynamic bearings. I P Solov'ev Izv vys. ucheb. zav. ,tekh. tekst. prom. no 4,127-134 '62.

GAS PIPES see subdivision under Leningrad

GAS PIPES—CORROSION

Lebedev, P.N. [Protecting urban gas networks from corrosion] Opyt zashchity gorodskikh gazovykh setei ot korrozii. Moskva, Izd-vo M-va kommun. khoz. RSFSR, 1962. 80 p.

GAS PIPES—STANDARDS

Water and gas pipes. V I. Fedorov. Standartizatsiia 26 no. 10,52-53 O '62.

GAS PIPES—WELDING

Mastering the procedure for producing gas pipes by continuous furnace welding S. A Firkke, N I Kagan. Stal' 22 no 10 929-931 O '62

GAS PRODUCERS

Approximate calculation of the dynamics of free-piston gas producers. Wang Chih-ta. Izv. vys. ucheb zav., mashinostr. no 5 112-123 '62.

Basic prerequisites for selecting parameters of the experimental free-piston gas producer designed by the Central Research Institute of the Ministry of Railroad Transportation and trends of further developments in this field. L.M Maizel', B.M. Chernomordik. Izv vys. ucheb. zav., mashinostr. no 5 5-17 '62.

Free-piston gas producer for automatic gas-turbine power unit with 1,200 H.P. capacity for river ships. S. V. Parenchuk Izv vys. ucheb. zav., mashinostr. no. 5:18-20 '62.

GAS TURBINES

Analyzing the durable static strength of the herringbone-type locking piece of gas-turbine blades. A N Grubin. Probl. prochn. v mashinostr. no. 9,97-129 '62.

Characteristics of turbines operating in the pulse supercharging systems of diesel engines. V. I. Russanov. Trudy KHIIT no. 52 35-43 '61.

Using pulsed-flow turbines. M A. Khalilov. Izv vys. ucheb zav., mashinostr. no 5 183-187 '62.

GAS WELDING AND CUTTING

Cutting centers point the way toward the automation of the gas cutting of metals. A. N. Shashkov Avtom svar 15 no 11 84-87 N '62.

Machine for the cutting of shaped ingots B. Kh. Zholobov, M A. Tarnorutskii, V. A. Brovtsev. Svar. proizv. no 10:30-31 O '62

GASEOUS PLASMA see Plasma (Ionized gases)

GASES—ANALYSIS

Determination of hydrocarbons, carbon dioxide and monoxide in krypton-xenon mixture. M P. Korsh. Zav. lab. 28 no. 10:1191-1192 '62

Effect of the gaseous phase composition on the kinetics of fluxed sinter reduction. P. N. Ostrik, S. T. Rostovtsev. Izv. vys. ucheb. zav. ;chern. met. 5 no. 9:17-25 '62.

Method of gas analysis of binary mixtures. L. G Sapogin Zav. lab 28 no. 10:1197-1199 '62.

Quantitative thermometric analysis of binary gas mixtures. B. A. Mirtov, A. G. Starkova Zav. lab 28 no 10:1194-1197 '62

GASES, INTERSTELLAR

Interplanetary plazma. B. Rossi. Geomag. i aer. 2 no. 5 822-828 S-O '62.

GASES, IONIZED

Concentration waves of charge carriers in a moving ionized gas. O. R. Konenko, V. L. Granovskii. Radiotekh. i elektron. 7 no. 10;1795-1798 O '62.

GASES, KINETIC THEORY OF

Chernikov, N. A. [Relativistic gas in a gravitational field] Relativistskii gaz v gravitatsionnom pole. Dubna, Ob'edinennyi in-t iadernykh issl., 1962. 22 p. [With summary in English]

GASES IN ROCKS

(see also subdivision under Gazli region)

Possible mechanism of gas entrapment by rocks during blasting operations. A. E. Sokolov, V. V. Mal'tenkov, A. P. Khadzaragov. Izv. vys. ucheb. zav., tsvet. met. 5 no. 5,3-6 '62.

GASES IN THE BLOOD see Blood, Gases in

GASHOLDERS

Construction of large gasholders out of rolls of steel. B. V. Popovskii, G. V. Linevich, M. F Kurochkin. Mont. i spets. rab v stroi. 24 no. 10 4-8 O '62.

GASIFICATION OF COAL, UNDERGROUND see Coal gasification, Underground

GASOLINE

Production of lower olefins, divinyl, and aromatic hydrocarbons by the pyrolysis of gasoline fractions. T. N. Mukhina, G. F Lesokhina, S. E. Ilack Neftekhimiia 2 no 4 495-497 Jl-Ag '62

Vapor-phase refining of cracked and straight-run gasolines by means of the Odessa gray-green clay A. K. Plisov, Z. D. Bogatel'ka, L. D Sheiko. Khim. prom [Ukr.] no. 1;89-90 Ja-Mr '62.

GASTRIC JUICE

Change in the content of nitrogen substances in the gastric juice of dogs in experimental gastritis with the subsequent use of a high concentration of radon water. I. A. Ul'm. Uch. zap. Pyat. gos. nauch. -issl. bal'n. inst. 3:29-37 '60.

GASTROENTERITIS

Use of heterogenic donors' blood in gastroenteritis and bronchopneumonias in calves and young pigs P Z. Potapenko Trudy NIVI 1,245-248 '60.

GASTROINTESTINAL MOTILITY

Effect of experimental gastritis on the rate of movement into the large intestine of food subjected to different mechanical processing [with summary in English]. V. I. Alieva. Vop. pit. 21 no. 3,66-71 My-Je '62.

GAUGES

Device for checking the coaxiality of the keyground and shaft journal. L. T. Balatskii. Mashinostroitel' no.10: 15 O '62.

Kriuchek, K. F. [Universal height gauge] Universal'nyi shtangenreismus. Leningrad, 1962. 11 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Opyt novatora [Obmen peredovym opytom] Serila: Mekhanicheskaia obrabotka, no. 15)

Universal expansion templet. V. F. Mikhailov. Mashinostroitel' no. 10:23 O '62.

GAZLI REGION—GASES IN ROCKS

Gas rocks of the Gazli deposit. S. P. Korsakov. Razved. i okh. nedr 28 no. 5:6-11 My '62.

GEAR-SHAPING MACHINES

Cold rolling of steel low-module pinions in mass production A A. Ryskin, V T. Kamenev. Avt. prom. 28 no 9 43-44 S '62.

GEARING

Bolotovskaia, T. P., L. A. Bolotovskii, and V. E. Smirnov. [Manual on gear correction] Spravochnik po korrigirovaniiu zubchatykh koles. Pod red. L. A. Bolotovskogo. Moskva, Nashgiz, 1962. 215 p.

Gersator, V.N [Increasing the load capacity of general-purpose reducing gears by the use of high frequency current for the hardening of pinion teeth] Povyshenie nagruzochnoi sposobnosti reduktorov obshchego naznacheniia za schet primeneniia TVCh dlia ob'emnoi zakalki zub'ev shesteren. Leningrad, 1962. 16 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Serila: Mekhanicheskaia obrabotka metallov, no. 17)

Friction coefficient in contacts of friction elements and the efficiency of toroid friction drives operating in an oil medium. A. N. Mezhnikov. Vest. mashinostr. 42 no. 10;38-42 O '62.

Kinematic and power analysis of the double-row thrust differential. A. N. Kaluzhnikov. Vest. mashinostr. 42 no. 10;12-17 O '62.

GEARING—MEASUREMENT

Measuring the backlash of reducing gears. B. V. Turkin. Izm. tekh. no. 10:12 O '62.

GEARING—NOISE

Investigating the noise of reducing gears with bodies and caps made of various materials. B. A. Timofeev. Vest. mashinostr. 42 no. 10;17-19 O '62.

GEARING, SPIRAL

Increasing the carrying capacity of spiral involute gears by hardening pinion teeth with induction heating. V. N. Gersator. Vest. mashinostr. 42 no. 10;7-12 O '62.

GEARING, SPUR

Effect of variable rigidity of engaging gear teeth on the vibration and noise of a spur gear transmission. L. A. Kudriavtsev. Stan. i instr. 33 no. 10;26-28 O '62.

GEESE BREEDING see subdivision under Latvia

GELECHIIDAE

(see also subdivision under Transcaucasia)

Factors causing the beginning of the diapause in the mallow moth Pectinophora malvella Hb. (Lepidoptera, Gelechiidae) [with summary in English]. I. A. Kuznetsova. Ent. obozr. 41 no. 3;510-515 '62.

GENERATIVE ORGANS, FEMALE—INFLAMMATION

Effectiveness of treating inflammatory gynecological diseases of the female sex organs using radon waters in two concentrations. E. IA. Stavskaia and others Uch. zap. Pyat. gos. nauch. -issl. bal'n. inst. 3, 353-364 '60.

Some immunobiological indices of chronic inflammatory gynecological diseases and their changes under the influence of treatment at the Pyatigorsk health resort. E IA Stavskaia Uch. zap. Pyat. gos. nauch. -issl bal'n. inst. 3 323-333 '60.

GENERATIVE ORGANS, MALE

Morphology of the male hypopygium of bee flies (Diptera, Bombyliidae) [with summary in English]. V. F. Zaitsev, Z. S. Kaufman. Ent. obozr. 41 no. 3;579-582 '62.

GENETICS

Problem of the exceptional genetic role of deoxyribonucleic acid N I. Grigirson Agrobiologiia no 3 454-472 My-Je '62.

"Problems in radiation genetics" by N. P. Dubinin. Reviewed by V. V. Alpatov. Biul. MOIP. Otd. biol. 67 no. 5;137-139 S-O '62.

GENETICS—BIBLIOGRAPHY see Bibliography—Genetics

GEOCHEMICAL PROSPECTING

Effect of annual changes in the climatic conditions on the nature of hydrochemical anomalies in the Rudnyy Altai. G. B. Sveshnikov, Shen' Chzhao-li [Shen Chao-li], F. F. Smirnova. Uch. zap. LGU 303 320-333 '62.

Expediency of using hydrochemical prospecting in mountain regions. A. A. Brodskii. Sov. geol. 5 no. 10: 136-139 O '62.

Hydrochemical studies in the ore-bearing region of the Irtysh Valley. G. B Sveshnikov, Shen' Chzhao-li [Shen Chao-li]. Uch. zap. LGU 303:101-119 '62.

GEOCHEMISTRY

(see also subdivision under Ural Mountains)

Chemistry of the earth in the past and present A. A. Saukov. Khim. v shkole 17 no. 4;3-14 Jl-Ag '62.

Geochemical conference dedicated to the centenary of Academician V I Vernadskii's birth Zap Vses. min ob-va 91 no 4 507 '62.

Origin and metallogenic features of alkali soil series of intrusions as exemplified in areas of the Far East. E P Izokh. Geol i geofiz. no. 8;3-26 '62.

GEODESY

Fedorov, B. D., and A. Kh. Slavorosov. [Principles of geodesy and mine surveying] Osnovy geodezii i markscheiderskogo dela Moskva, Gosgortekhizdat, 1962 327 p.

GEODESY—ABSTRACTS

[Astronomy and geodesy] Ref. zhur.: Astron. i geod. no. 11 '62. Avtorskii ukazatel' za 1961g.

GEODIMETER

Practice of using the GD-300 geodimeter. V. A. Voronin, L. I. Pik, S. S. Pionskii. Geod. i kart. no. 9 27-31 S '62.

SDD geodimeter. A. I. Demushkin, M. T. Prilepin, G. A. Fel'dman. Geod. i kart. no. 9,20-26 S '62.

GEOGRAPHERS

Election of new full and corresponding members of the Academy of Sciences of the U. S. S. R. K. O. Lange. Izv. AN SSSR, Ser. geog. no. 5;104 S-O '62.

GEOGRAPHICAL DISTRIBUTION OF ANIMALS AND PLANTS

Berg, L. S. [Selected works] Izbrannye trudy. Moskva, Izd-vo Akad. nauk SSSR.

Vol. 5. [General biology, biogeography and paleoichthyology] Obshchaia biologiia biogeografiia i paleoikhtiologiia. 1962. 513 p.

GEOGRAPHICAL MUSEUMS see subdivision under Chernovtsy

GEOGRAPHICAL RESEARCH

(see also subdivision under Queen Maud Land)

Reduce and bring to a minimum the dependence of our agriculture on natural elements. I. P. Gerasimov. Izv. AN SSSR, Ser. geog. no. 5;43-51 S-O '62.

Significance of economics in solving the "problem of the Caspian Sea." B. A. Apollov. Vop. geog. no. 57;76-83 '62.

GEOGRAPHY

(see also subdivision under Canada; Odessa Province; Vologda Province)

Discussion at the defense of V. A. Anuchin's doctoral dissertation. IU. G. Saushkin. Vest. Mosk. un. Ser. 5: Geog. 17 no. 5;65-68 S-O '62.

Session of the university's geographers. V. P. Krukov. Vest. LGU 17 no. 18;146-148 '62.

Subjects of doctoral dissertations on geography. IU. G. Saushkin. Vest. Mosk. un. Ser. 5: Geog. 17 no. 5;3-8 S-O '62.

GEOGRAPHY—DICTIONARIES

Danilevskaia, S. I., and N. V. IAkovlevskaia, comps. [Concise Polish-Russian dictionary of geology and geography] Krathii pol'sko-russkii geologo-geograficheskii slovar'. Pod red. L. G Kumanina. Moskva, Glav. red inostr. nauchno-tekhn slovarei Fizmatgiza, 1962 243 p.

GEOGRAPHY—STUDY AND TEACHING

Practical training is an integral part of higher geographical education. I. T. Antonova Vest. Mosk. un. Ser 5 Geog. 17 no. 5 52-56 S-O '62

Russia (1917- R. S. F. S. R.) Ministerstvo prosveshchenila [Secondary school programs for the 1962-1963 school year, geography] Programmy srednei shkoly na 1962/63 uchebnyi god, geografiia Moskva, Uchpedgiz, 1962. 28 p.

GEOGRAPHY, ECONOMIC

(see also subdivision 'Economic geography' under Caucasus, Northern, Evenki National Area, Kazakhstan, Pakistan, Portugal; Ryazan; Siberia, Eastern, Soviet Central Asia, Spain)

Saushkin, IU. G. [Economic geography and national economy] Ekonomicheskaia geografiia i narodnoe khoziaistvo. Moskva, Izd-vo "Znanie," 1962 45 p. (Novoe v zhizni, nauke, tekhnike. XII Seriia Geologiia i geografiia, no. 12)

Tasks of Soviet economic geography in realizing the program of the Communist Party of the Soviet Union. Vop. geog no. 57 3-8 '62.

Work survey of the Department of Economic Geography of the Moscow Branch of the Geographical Society of the U. S. S. R for 1958-1960. O. A. Khal'chich. Vop. geog. no. 57 311-324 '62

GEOGRAPHY, ECONOMIC—MAPS see also subdivision 'Economic geography—Maps' under Germany, West

GEOLOGICAL RESEARCH

Start of the "geonauts" O. Hrynin. Zhan ta pratsia no 10 14-16 O '62.

GEOLOGICAL SOCIETIES

(see also subdivision under Germany, East)

Activity of geological sections of the Moscow Naturalists' Society. Bul. MOIP, Otd. geol. 37 no. 3-112-120 My-Je '62.

GEOLOGICAL SURVEYS

Geological surveying major. V. P. Trifonov. Izv. vys. ucheb. zav.; gor. zhur. no. 10 169-170 '61.

GEOLOGICAL SURVEYS—EQUIPMENT AND SUPPLIES

Tank for geological surveying. G. Malinichev. IUn tekh. 7 no. 10 9 O '62

GEOLOGICAL TIME

Distribution and age of Mesozoic intrusions in the Aldan massif. L. M. Mishkin. Mat. po geol. i pol. iskop. IAk. ASSR no. 2;3-22 '60.

GEOLOGY

(see also subdivision under Amur Valley, Karelia, Kazakhstan; Kolyma Valley; Russian Platform, Soviet Central Asia; Tajik Depression, Timan Ridge, Turkmenistan)

Twenty-second session of the International Geological Congress. Zap Vses. min ob-va 91 no 4 507-508 '62

GEOLOGY, STRATIGRAPHIC

(see also subdivision under Aldan Plateau, Armenia, Bakhchisaray District, Fergana, Irkutsk Province, Kelmen' Range, Kharkov region, Kuybyshev Province, Kuznetsk Ala-Tau, Mamyt Valley, Maritime Territory; Mugodzhar Hills region, Orenburg Province, Pamirs, Setta-Daban Range, Siberia; Southern Bug Valley; Teterev Valley; Timan Ridge; Ural Mountain region; Ural Mountains, Verkhoyansk Range, Vilyuy Valley, West Siberian Plain, Yenisey Ridge)

Devonian sediments of Siberian principal sections and their correlation with those of Europe. M. A. Rzhonsnitskaia. Sov. geol. 5 no. 10 18-27 O '62.

Methodology of determining the stratigraphic relation of a test horizon in the method of telluric currents. M. N. Berdichevskii, K. I. Nikitenko. Prikl. geofiz. no. 33 102-123 '62.

GEOLOGY, STRUCTURAL

(see also subdivision under Azov Sea region, Baikal, Lake, Bug Valley, Caucasus, Darvaza Range region, Greenland; Indigirka Valley, Latvia, Mangyshlak Peninsula, Russian Platform; Sayan Mountains, Siberia, Eastern, Tien Shan region; Tuva A. S. S. R.; Ural Mountains, Uzbekistan, Verkhoyansk region, Yakutia)

Some methods of paleotectonic analysis O. A. Ryzhkov Uzb geol zhur 6 no 5 5-16 '62.

GEOMETRICAL DRAWING—EQUIPMENT AND SUPPLIES

Devices for plotting axonometric projections. A. V. Kuznetsov, M. M. Iuditskii. Vest. mashinostr. 42 no. 10 82-85 O '62.

GEOMETRY—PROBLEMS, EXERCISES, ETC.

Skopets, Z. A., and V. A. Zharov. [Problems and theorems in geometry (plane), a textbook for students of pedagogical institutes] Zadachi i teoremy po geometrii (planimetriia), posobie dlia studentov pedagogicheskikh institutov. Moskva, Uchpedgiz, 1962. 161 p.

GEOMETRY, ANALYTIC

Privalov, I. I. [Analytic geometry] Analiticheskaia geometriia. Izd. 27., pererab. i sokrashchennoe Moskva, Fizmatgiz, 1962. 272 p

GEOMETRY, ANALYTIC—PLANE

"Analytic geometry in a plane" by Kh. Mukhamadiev. Reviewed by A. Dzhuraev. Trudy AN Tadzh. SSR 109;149 '61.

GEOMORPHOLOGY see subdivision under Armenia; Elbrus, Mount, Kirghizistan; Kremenchug region, Proval Bay

GEOMORPHOLOGY—CONGRESSES

Problems of geomorphology at the Fifth International Congress of INQUA in Warsaw. N. V. Dumitrashko. Izv. AN SSSR, Ser. geog. no. 5;175-176 S-O '62.

GEOPHYSICS

With a geological hammer A. IAnshin Av. i kosm 45 no 9 87-88 '62

GEOPHYSICS—ABSTRACTS

[Geophysics] Ref. zhur.: Geofiz. no. 11 N '62.

GEOPHYSICS—BIBLIOGRAPHY see Bibliography—Geophysics

\G

short delay blasting in the coal mines Berishvili, A. N Sindzhikashvili, Ugol' 37 no. 10.48-50 O '62.

sad. [Guidebook to the Batum tevoiditel' po Batumskomu botanimi, 1957. 152 p.

EMUMS

V.S. [Raising fine-flowered estern Georgia] Kul'tura utem v Zapadnoi Gruzii. Tbilisi, uzinskoi SSR, 1960. 62 p. i serilia)

\E

parity in Lacinlaria Strauchi , Clausiliidae) and fundamental ', G. I. Lezhava. Dokl. AN SSSR) '62.

JSTICE, ADMINISTRATION OF

community. S. Beliavskaia. ,1;19-28 Ja '60.

f efficient fishery management in ern Georgia. O. I. TSkhomelidze. -392 '62.

CONGRESSES

dicated to the study of inland rgia. E. V. Berutskii, G. S. 2 no. 3;570-571 '62.

GEORGIA—FLIES

Characteristics of the biology of the vicarious species of the fly Phorbia securis Plenum and the role of cultivation practices in reducing its harmful effects N. D. Tulashvili, E. M. Samsudzheva. Agrobiologiia no 3 136-140 My-Je '62

GEROGIA—GRAIN—DISEASES AND PESTS

Characteristics of the biology of the vicarious species of the fly Phorbia securis Plenum and the role of cultivation practices in reducing its harmful effects N. D. Tulashvili, E. M. Samsudzheva Agrobiologiia no 3 136-140 My-Je '62

GEORGIA—HISTORY

Patchadze, G. G. [In a united fraternal family of nations] V edinoi bratskoi sem'e narodov. Tbilisi, Izd-vo Soiuza pisatelei Gruzii "Zaria Vostoka," 1961. 90 p

Sharikadze, S. E. [For 16th anniversary of Soviet Georgia. 40 let Sovetskoi Gruzii. Tbilisi] 1961. 130 p. [In Georgian]
(MII)

GEORGIA—RADIO IN AGRICULTURE

Radio is the organizer of competition. A. Kelendzheridze. Sov. rad. i tel. 6 no. 4;8-9 '57.

GEORGIA—RADIOBROADCASTING

In villages high in the mountains. A. Kelendzheridze. Sov. rad. i tel. 6 no. 6;40 '57.

Painful questions. A. Kelendzheridze. Sov. rad. i tel. 6 no. 2;12 '57.

GEORGIA—SOCIALIST COMPETITION

Radio is the organizer of competition. A. Kelendzheridze. Sov. rad. i tel. 6 no. 4 8-9 '57.

GEORGIA—STEEL INDUSTRY

Arkhipenko, V. K. [Rustavi is marching into the future] Rustavi shagaet v budushchee. Moskva, Izd-vo "Znanie," 1962. 31 p. (Novoe v zhizni, nauke, tekhnike I Seriia Istoriia, no. 20)

GEORGIA—THEATER

Plans of the Mardzhanovtsians. Teatr 23 no. 10-161 O '62.

GEORGIAN LANGUAGE—LEXICOGRAPHY

Kelendzheridze, M. A. [Russian-Georgian dictionaries of the 18th and 19th centuries in manuscript form. Russko-gruzinskie rukopisnye slovari XVII-XIX vekov. Tbilisi, Akad. nauk Gruzinskoi SSR, 1961] 68 p. [In Georgian with summary in Russian]
(MH)

GEORGIAN MILITARY ROAD—GUIDEBOOKS

TSabaev, V. G. [Along the Georgian Military Road, guidebook] Po Voenno-Gruzinskoi doroge, putevoditel', Ordzhonikidze, Severo-Osetinskoe knizhnoe izd-vo, 1961. 66 p.

GEORGIAN MILITARY ROAD REGION—LANDSLIDES—MAPS

Mapping the factors of mudflow flood formation. V. E. Ioganson. Izv. AN SSSR. Ser. geog. no. 5;102-104 S-O '62.

GEORGIANS

Dzhaparidze, Otar. [History of Georgian tribes at an early stage of the brass and bronze culture. K istorii gruzinskikh plemen na rannei stadii mednobronzovoi kul'tury. Tbilisi, Izd-vo Tbilisskogo gos. univ.] 1961. 286 p. [In Georgian with summaries in Russian and English]
(MII)

GERBILS

(see also subdivision under Aral Sea region; Kyzyl Kum)

What happens to the cadavers in the colonies of greater gerbils. M. A. Dubianskii. Biul. MOIP, Otd. biol. 67 no. 4-154 Jl-Ag '62.

GERBILS—PARASITES see Parasites—Gerbils

GERIATRICS

Clinical, diagnostic and therapeutic aspects of acute appendicitis in advanced old age. E. I. Dymnikova. Sov. med. 26 no. 8-43-47 Ag '62.

Perforating ulcer of the stomach and duodenum in elderly persons [with summary in English]. IU. V. Astrozhalkov. Sov. med. 26 no. 8;48-52 Ag '62.

Surgery of acute diseases of the abdominal organs in elderly and old persons. N. I. Truten'. Sov. med. 26 no. 8;53-56 Ag '62.

GERMAN DEMOCRATIC REPUBLIC see Germany, East

GERMAN FEDERAL REPUBLIC see Germany, West

GERMAN LANGUAGE—DICTIONARIES

Some new German language dictionaries. S. S. Belokrinitskaia. Inostr. iaz. v shkole no. 5.115-120 S-O '62.

GERMAN LANGUAGE—DICTIONARIES—RUSSIAN

Ginzburg, M. L., and others, comps. [German-Russian electrical engineering dictionary] Nemetsko-russkii elektrotekhnicheskii slovar. Izd. 2., stereotipnoe. Moskva, Fizmatgiz, 1962. 1099 p.
[MICROFILM]

GERMAN LANGUAGE—GRAMMAR

Akademiia nauk SSSR. Kafedra inostrannykh iazykov. [Textbook on the grammar of the German language] Uchebnoe posobie po grammatike nemetskogo iazyka. Moskva, Izd-vo Akad. nauk SSSR, 1962. 65 p.

"Analytical constructions" as lexico-grammatical phenomena. L. V. Kuz'micheva. Inostr. iaz. v shkole no. 5 91-105 S-O '62.

Selection of grammar material on the basis of speech models. E. V. Zhuravleva. Inostr. iaz. v shkole no. 5 17-23 S-O '62.

GERMAN LANGUAGE—SPOKEN GERMAN

Bun, I. L., M. M. Vasil'eva, and L. V. Malysheva. [Manual for the development of oral speech skills, the German Language] Posobie po razvitiiu navykov ustnoi rechi, nemetskii iazyk. [Moskva] Izd-vo Mosk. univ., 1961. 128 p.

"Teaching of German oral speech in boarding schools" by L. S. Shelfapina. Reviewed by A. I. Abashev, L. A. Plakhotniuk, A. B. Rabinovich. Inostr. iaz. v shkole no. 5:114-115 S-O '62.

GERMAN LANGUAGE—STUDY AND TEACHING
(see also subdivision under Lipetsk Province)

Activation of the process of teaching German language in senior grades. Z. F. Sabat. Inostr. iaz. v shkole no. 5:53-59 S-O '62.

Editor's mail. I. I. Koval' and others. Inostr. iaz. v shkole no. 5:72-05 S-O '62.

GERMAN POETRY—HISTORY AND CRITICISM

Nikolaeva, T. S. [Poetry of the German Revolution of 1848] Poeziia nemetskoi revoliutsii 1848 goda. [Saratov] Izd-vo Saratovskogo univ., 1961. 163 p. (MH)

GERMANIC LANGUAGES—PHONOLOGY

Akademiia nauk SSSR. Institut iazykoznaniia. [Comparative grammar of the Germanic languages in five volumes] Sravnitel'naia grammatika germanskikh iazykov v piati tomakh. Moskva, Izd-vo Akad. nauk SSSR. Vol. 2. [Phonology] Fonologiia. 1962. 402 p.

GERMANIC PHILOLOGY—BIBLIOGRAPHY see Bibliography—Germanic philology

GERMANIUM—ELECTRIC PROPERTIES

Investigation of long-term variations in the electric properties of the surface of germanium. V. G. Litovchenko, O. S. Prolov, Bao Shen-mao. Fiz. tver. tela 4 no. 4:833-845 Ap '62.

GERMANIUM CHLORIDE

Reduction of silicon and germanium chlorides and alkoxides by means of sodium and potassium aluminum hydrides. L. I. Zakharkin and others. Izv. AN SSSR, Otd. khim. nauk no. 10 1872-1874 O '62.

GERMANIUM COMPOUNDS

Complex compounds of germanium with chloranilic acid. V. A. Nazarenko, G. V. Filantikova. Zhur. neorg. khim. 7 no. 10:2335-2339 O '62.

GERMANIUM CRYSTALS

Microscopic method of determining the crystallographic orientation of germanium. A. A. Davydov, V. N. Maslov. Zav. lab. 28 no. 10:1209-1210 '62.

GERMANIUM CRYSTALS—ELECTRIC PROPERTIES

Electron mobility in heavily doped germanium with arsenic impurities. V. I. Fistul', M. I. Iglitsyn, E. M. Omel'ianovskii. Fiz. tver. tela 4 no. 4:1065-1067 Ap '62.

Microhardness of germanium with various conductivity values. M. S. Ablova, A. R. Regel'. Fiz. tver. tela 4 no. 4:1053-1055 Ap '62.

GERMANIUM OXIDE

Sorption of germanium oxide from aqueous solutions by coals. I. N. TSelik, N. F. Turkalov, A. I. Orlova. Ukr. khim. zhur. 28 no. 3:419-421 '62.

GERMANIUM SELENIDE

Germanium - selenium system. Liu TSiun'-khua [Liu Ch'ün-hua], A. S. Pashinkin, A. V. Novoselova. Dokl. AN SSSR 146 no. 5:1092-1093 O '62.

GERMANY—DEFENSES

For a peaceful Germany! Martin Schumann. Mol. mira. no. 4:11-15 '62.

GERMANY—FOREIGN RELATIONS—POLAND

J. Beck's negotiations with the leaders of Hitlerite Germany in 1935. K. I. Kozyrina. Nov. i noveish. ist. no. 4: 177 '62.

The Polish-German Agreement of 1934 [with summary in English, pp. 221-222]. K. Lapter. Vop. ist. no. 10:99-108 O '62.

GERMANY—FOREIGN RELATIONS—RUSSIA

Meeting of Soviet and German astronomers. A. A. Mikhailov. Vest. AN SSSR 32 no. 10:84 O '62

GERMANY—HISTORY

"Hitler's Putsch; a crucial period of German history, 1920-1924" [in German] by H. H. Hofmann. Reviewed by B. S. Diakin. Nov. i noveish. ist. no. 4:165-167 '62

How the Armed Forces of Hitler occupied the Rhine Valley in 1936. L. Georgiev. Nov. i noveish. ist. no. 5, 167-168 '62.

The Patriotic War of 1812 and the movement of German patriots. A. G. Vlaskin. Nov. i noveish. ist. no. 5:72-83 '62.

GERMANY—LABOR AND LABORING CLASSES

Akademiia nauk SSSR. Institut istorii. [German labor movement in the modern period] Germanskoe rabochee dvizhenie v novoe vremia; sbornik statei i materialov. Moskva, Izd-vo Akad. nauk SSSR, 1962. 405 p.

How East German historians struggle against the distortion of the German labor movement of the late 19th century. N. E. Ovcharenko. Vop. ist. no. 10:187-188 O '62.

"How German workers struggled against militarism and the threat of war" [in German] by E. Laboor. Reviewed by V. D. Kul'bakin. Vop. ist. no. 10:169-172 O '62.

GERMANY—MILITARISM

"How German workers struggled against militarism and the threat of war" [in German] by E. Laboor. Reviewed by V. D. Kul'bakin. Vop. ist. no. 10:169-172 O '62.

GERMANY—RELATIONS (MILITARY) WITH TURKEY

Unfortunate efforts to "re-evaluate" the expansionist policy of German imperialism. A. S. Avetian. Vop. ist. no. 10:107-108 O '62.

GERMANY—REVOLUTION, 1848-1849

"Marx and Engels on the eve of the Revolution of 1848; the working out of political directives for the German Communists, 1846-1848" [in German] by H. Foerder. Reviewed by M. I. Mikhailov. Nov. i noveish. ist. no. 4: 171-173 '62.

GERMANY—REVOLUTION, 1918

Support given by the German proletariat to the Soviet peace policy during the period of the Brest negotiations. G. L. Nikol'nikov. Uch. zap. kaf. ist. mezhdunar. rab. i nats.-osv. dvizh. no. 1:89-110 '59.

GERMANY—RUSSIAN STUDIES

Sources of the German neofascist conception of Russian history [with summary in English, pp. 219-220]. V. T. Pashuto. Vop. ist. no. 10:61-79 O '62.

GERMANY, EAST—DOCUMENTATION

Documentation and information in the German Democratic Republic. V. P. Selifanov. Bibliotekoved. i bibl. za rub. no. 9:79-87 '62.

GERMANY, EAST—ECONOMIC CONDITIONS

The tenth anniversary of the German Democratic Republic. Blok. agit. [Bel.] no. 28, 35-39 S '59.

GERMANY, EAST—GEOLOGICAL SOCIETIES

Ninth annual meeting of the Geological Society of the German Democratic Republic. V. I. Vlodavets. Vest. AN SSSR 32 no. 10:85 O '62.

GERMANY, EAST—MOTION-PICTURE PHOTOGRAPHY—EQUIPMENT AND SUPPLIES

Motion-picture photography and television apparatus and equipment of the German Democratic Republic at the Fall Fair of 1962 in Leipzig. Tekh. kino i telev. 6 no. 9:95 S '62.

GERMANY, EAST—PUBLIC BUILDINGS

Standard method of constructing public buildings in the German Democratic Republic. Karl Heinz Pepke. Strol. i arkhit. 10 no. 9:30-31 S '62.

GERMANY, EAST—SCHOOL SUPERVISION

Group visiting of lessons. P. F. Malyshev. Sred. spets. obr. 9 no. 9:59-63 S '62.

GERMANY, EAST—SCIENCE—STUDY AND TEACHING

"Mathematics, physics and astronomy in schools," 1961. Reviewed by M. I. Bludov. Fiz. v shkole 22 no. 4:98-102 Jl-Ag '62.

GERMANY, EAST—SEEDS—DRYING

Drying pulse crop seeds in the German Democratic Republic. G. Dzhorgian, I. Kneshchev. Muk.-elev. prom. 28 no. 9:29-31 S '62.

GERMANY, EAST—STEEL INDUSTRY

At the frontier of peace. B. Gurnov. Ogonek 40 no. 41: 8 O '62.

GERMANY, EAST—TELEVISION—EQUIPMENT AND SUPPLIES

Motion-picture photography and television apparatus and equipment of the German Democratic Republic at the Fall Fair of 1962 in Leipzig. Tekh. kino i telev. 6 no. 9:95 S '62.

GERMANY, EAST—TRADE UNIONS

Convincing comparison. Jean Veyssiere. Vsem. prof. dvizh. no. 8/9:3-11 Ag-S '62.

GERMANY, EAST—WAGES—RETAIL TRADE

Wages for the saleslerks and directors of state retail stores in the German Democratic Republic. G. Schulte. Biul. nauch. inform.: trud i zar. plata 5 no. 9:43-49 '62.

GERMANY, EAST—YOUTH

On whose side are you, young Germans? F. Khempel', M. Iost. Mol. komm. no. 10 112-119 O '62.

GERMANY, WEST—CHAPLAINS

Clergymen of the West-German Army. Iu. Semushyn. Voinv ateist no. 10 56-60 O '62.

GERMANY, WEST—COMMERCE

Foreign trade of the German Democratic Republic at the present stage. O. Gofman. Vnesh. torg. 42 no. 10, 15-21 '62.

GERMANY, WEST—COMMUNIST PARTY

Outraged Themis. V. Posokhin. Sots. zakon. 39 no. 8: 89 Ag '62.

GERMANY, WEST—COMMUNISTS

Loyalty and courage. Ogonek 40 no. 44:17 O '62.

GERMANY, WEST—ECONOMIC CONDITIONS

Khodov, L. G. [West Germany] Zapadnaia Germaniia. Moskva, Izd-vo "Znanie," 1962. 47 p. (Novoe v zhizni, nauke, tekhnike. VII Serila. Mezhdunarodnaia, no. 20)

The myths of uninterrupted economic development and the facts of life. V. Shumilin. Mir ekon. i mezhdunar. otn. no. 11 119-122 N '62.

GERMANY, WEST—ECONOMIC GEOGRAPHY—MAPS

Planning atlas in the Federal German Republic. S. Rodo, L. Lacko. Izv. AN SSSR, Ser. geog. no. 5:153-157 S-O '62.

GERMANY, WEST—FOREIGN ECONOMIC RELATIONS—AFRICA

No, Mister Krupp is not a friend of the Africans. M. Schumann. Mol. mira no. 1, 22-23 '62.

GERMANY, WEST—FOREIGN ECONOMIC RELATIONS—FRANCE

Economic foundation of the Bonn-Paris axis. V. Dolinin. Mezhdunar. zhizn' 9 no. 11:24-32 N '62.

GERMANY, WEST—FOREIGN RELATIONS

Bonn's "frontal assault" on peace. Kommentator. Mezhdunar. zhizn' 9 no. 11:69-73 N '62.

Khodov, L. G. [West Germany] Zapadnaia Germaniia. Moskva, Izd-vo "Znanie," 1962. 47 p. (Novoe v zhizni, nauke, tekhnike. VII Serila. Mezhdunarodnaia, no. 20)

GERMANY, WEST—FOREIGN RELATIONS—FRANCE

A Franco-West German alliance. L. Istiagin. Mir ekon. i mezhdunar. otn. no. 11, 113-115 N '62.

GERMANY, WEST—INDUSTRIES

Moscow. Nauchno-issledovatel'skii ekonomicheskii institut. [Structural changes in the industries of the United States, Great Britain and the German Federal Republic in the postwar years] Strukturnye izmeneniia v promyshlennosti SShA, Anglii i FRG v poslevoennye gody. Moskva, Ekonomizdat, 1962. 417 p.

GERMANY, WEST—INTERNATIONAL RELATIONS—PERIODICALS

Asian and African problems on the pages of the periodical "Aussenpolitik." S. E. Fil'shtinskii. Nar. Az. i Afr. no. 5 159-164 '62.

GERMANY, WEST—JUDGES

Nazi judges still "administer justice." I. Ledikh. Sots. zakon. 39 no. 8:84-89 Ag '62.

GERMANY, WEST—JUVENILE DELINQUENCY

It happened in Munich. A. Mikhin. Sots. zakon. 39 no. 11:96 N '62

GERMANY, WEST—LATVIAN STUDIES

How West German reactionary historians and Latvian émigrés distort Latvian history. G. P. Strod. Ist. SSSR 6 no. 4:185-200 Jl-Ag '62.

GERMANY, WEST—MILITARISM

Convincing comparison. Jean Veyssiere. Vsem. prof. dvizh. no. 8/9:3-11 Ag-S '62.

Shragin, V. O. [Strauss means "war."] Shtraus ["voina."] Moskva, Gospolitizdat, 1962. 29 p.

GERMANY, WEST—THEATER

"Is there hope for the German theater?" M. P. Teatr 23 no. 10:191-192 O '62.

GERMANY, WEST—TRADE UNIONS

Convincing comparison. Jean Veyssiere. Vsem. prof. dvizh. no. 8/9:3-11 Ag-S '62.

GERMANY, WEST—TRUSTS, INDUSTRIAL

Intensification of state monopoly tendencies in the West German economy. N. Bykov. Ekon. Rad. Ukr. no. 4: 114-119 Jl-Ag '62.

GERMICIDES see Disinfection and disinfectants

GERMINATION

Dynamics of seed germination in the reciprocal hybrids of strawberries. T. S. Fadeeva, A. I. Dimitova. Bot. zhur. 47 no. 8:1180-1184 Ag '62.

GERMINATION (Continued)

Effect of harvesting time on the germination of ambary hemp seeds. N.G.Protsenko. Uch.zap Biol.-pochv. fak.Kir.un. no.7:39-47 '58.

Some results of research on the vigor of pine seeds G.I.Ismagulov. Les.khoz 15 no.6:47-48 Je '62

GHANA—COMMERCE—RUSSIA

Commerce with Ghana is on the upsurge [with English summary in appendix] G Fadina Vnesh.torg. 42 no.10 8-11 '62.

GHANA—ECONOMIC ASSISTANCE, RUSSIAN

Our contribution to the development of independent Ghana [with English summary in appendix]. I Stepanov, Vnesh torg. 42 no 10 11-13 '62.

GHANA—LABOR AND LABORING CLASSES

The working class in Ghana. V. Parkhit'ko. Az.i Afr. sog no 10:22-23 O '62.

GHANA—RELATIONS (GENERAL) WITH RUSSIA

In hospitable Ghana. L.Kutslov. Mor.flot 22 no.10: 42-43 O '62.

GIARDIASIS

Lambliasis, based on clinical materials for a five-year period. B.A.Temper. Trudy Khab.med.inst. no.20. 19-36 '60.

Late results of the treatment of lambliasis. G.I.Sukhanova. Trudy Khab.med.inst. no.20:64-68 '60.

Treatment with resochin of lambliogenic cholecystitis. A V Lypenko. Vrach.delo no 10 151-152 O '62

GIBBERELLIN

Application of a biological test in studying the effect of gibberellins on the corn coleoptile [with summary in English] S Stan, N Stenescu Fiziol rast 9 no 5 575-581 '62.

Effect of gibberellin on the combining ability of distant forms of plants. N.P.Chuvashina. Trudy TSGL 7: 185-189 '61.

Quantitative determination of gibberellins based on the growth reaction of peas of the G-1 Pioneer variety. G S Muromtsev, N.V.Rusanova Fiziol rast 9 no 5 626-629 '62

GILYAKS

Sangi, V.M. [Nyvkh legends. Translated from the Gilyak] Nivkhskie legendy. IUzhno-Sakhalinsk, Sakhalinskoe knizhnoe izd-vo, 1961. 50 p. (MH)

GINSENG

Effect of ginseng on basal metabolism in thyrotoxicosis. V.E.Prishvina, N.V.Chekasova. Trudy Khab.med. inst. no.20:156-161 '60.

Ginseng and its relatives. L.IA.Sklianevskii. Nauka i zhizn' 29 no.9:75-76 S '62.

Therapeutic effect of ginseng in glaucoma. I.G.Ershkovich, V.A.Sinovich. Trudy Khab.med.inst. no.20: 187-192 '60.

GIRDERS see Beams and girders

GIRLS—SOCIETIES AND CLUBS see subdivision under Czechoslovakia

GIRSHFEL'D, ALEKSANDR VLADIMIROVICH, 1898-1962

A.V Girshfel'd; obituary. Nov.i noveish.ist. no.5: 187 '62.

GISSAR RANGE—BITUMEN

Relationship between sulfur and bitumen in the sediments of the Upper Jurassic carbonate formation in the southwestern spurs of the Gissar Range M Kh Arifdzhanov, M I Demidova. Uzb.geol.zhur 6 no.5 17-25 '62

GISSAR RANGE—ROCKS, CARBONATE

Structure of the Upper Jurassic carbonate formation in the southwestern spurs of the Gissar Range and some data on the paleogeographic conditions of its formation. E M. Abetov. Uzb.geol zhur 6 no 5 32-39 '62

GISSAR RANGE—SULFUR

Relationship between sulfur and bitumen in the sediments of the Upper Jurassic carbonate formation in the southwestern spurs of the Gissar Range. M Kh Arifdzhanov, M I Demidova Uzb.geol.zhur 6 no 5 17-25 '62.

GLACIERS see subdivision under Asia, Central; Elbrus, Mount, Myndzhilky Valley; Sayan Mountains

GLACIOLOGY—CONGRESSES

All-Union symposium on glaciers. G.N.Desv. Priroda 51 no.10,112 O '62.

GLADIOLUS

Vitality and fertility of the vegetative offspring of gladiolus corms which were exposed to chronic radiation in a γ-field. L.V.Driagina, V.F.Akhramova. Nauch.dokl.vys.shkoly, biol.nauki no.4:98-102 '62.

GLANDS, DUCTLESS see Endocrine glands

GLASS—SPECTRA

Displacement of complementary absorption bands in glasses of different chemical composition. A.A.Vorob'ev. Izv vys uch.zav., fiz. 3 140-144 '62.

GLASS CONTAINERS—CLEANING

Power action of the scouring jet on the soiled surface of canned food glass containers. A.K.Gladushniak. Izv. vys.ucheb.zav., pishch.tekh. no.5:133-136 '62.

GLASS CUTTING

Electric glass cutter for tubes and cylindric containers. I.A.Chernlak Khim.v shkole 17 no.4 67-68 Jl-Ag '62.

GLASS FIBERS

Flawless glass fibers. G.M.Bartenev, L.K.Izmailova. Dokl AN SSSR 146 no.5:1136-1138 O '62.

GLASS FIBERS—OPTICAL PROPERTIES

Glass fiber optics Radio no.10:57-59 O '62.

GLASS MANUFACTURE see subdivision under Kerch Peninsula

GLASS MANUFACTURE—EQUIPMENT AND SUPPLIES

[Equipment and mechanization of glass factories] Oborudovanie i mekhanizatsiia stekol'nykh zavodov. [By] K.L.Veinberg i dr. Moskva, Rostekhizdat, 1962. 451 p. diagrs.

GLASS REINFORCED PLASTICS

Glass reinforced plastics are the material of the future V S.Usik. Mashinostroitel' no.10 33 O '62.

Use of glass-reinforced plastics in the production of particle boards. L.I.Korel'tsev. Stroi.mat. 8 no.9:38-39 S '62.

GLAUCOMA

Therapeutic effect of ginseng in glaucoma. I.G.Ershkovich, V.A.Sinovich. Trudy Khab.med.inst. no.20: 187-192 '60.

GLAVAN, BORIS, 1920-1943

Heroes stay with us. A.Kisel'. Smena 39 no.20,14-15 O '62.

GLIDERS (AERONAUTICS)

The "Amur" glider. V.Zamiatin, V.Spivak. Kryl.rod. 13 no.9:17-19 S '62.

Into the stratosphere on a glider V.Nonchalenko Znan'e-pratsia no 10 20-21 O '62

Let the new gliders climb into the sky. Kryl.rod. 13 no.9:19 S '62.

GLIDERS (AERONAUTICS)—JUVENILE LITERATURE

Outboard motor for gliders. I Sheleat. IUn.tekh. 7 no.10:32 O '62.

GLIDING AND SOARING see subdivision under Latvia, Leszno

GLUCOSE

Glycopeptides. Report No 14 Synthesis of 6-O-diglycyl-D-glucose and 6-O-triglycyl-D-glucose. V.A Derevitskaia, L.M Likhosherstov, N K Kochetkov Izv AN SSSR. Otd khim nauk no 10 1795-1798 O '62

GLUE—ANALYSIS

Simplified method of analyzing shreded glue stock. E.I.Bokserman, V.P.Chizhmakova, V.A.Radchenko. Kozh.-obuv.prom. 4 no.10 25-26 O '62.

GLUSK DISTRICT—ANAPLASMOSIS

Materials on anaplasmosis acquired from vaccinations in cattle in the Glusk District of the White Russian S S R. Kh.S Goregliad and others. Trudy NIVI 1, 72-89 '60.

GLUTAMIC DECARBOXYLASE

Activity of glutamic decarboxylase and γ-aminobutyric acid content in the brain of rats in different functional states brought about by elevated oxygen pressure. G.V.Shcherbakova. Dokl.AN SSSR 146 no.5:1213-1215 O '62.

GLUTARIMIDE

Stimulation of the central nervous system with megimide during heart surgery. S.M.Zol'nikov and others. Khirurgiia no.9:83-86 '62.

GLUTEN

Improve the methods for determining the quantity and quality of gluten in wheat. N.Godulianov, Muk.-elev prom. 28 no.8,7-8 S '62.

GLYCINE

Catalytic action of amino acids and amines in organic reactions. Part 8: Kinetics and mechanism of acetylation of glycocoll by S-acetylthioglycolic acid. A.A. IAsnikov, T.S.Boiko. Ukr.khim.zhur. 28 no.3:347-353 '62.

GLYCOGENOLYSIS

Autolytic and denaturing changes in the components of the muscle tissues in case of meat cooling and freezing. P.E.Pavlovskii. Izv.vys.ucheb.zav.; pishch.tekh. no.5:52-57 '62.

GLYCOLS

Preparation of α,ω-diols by the destructive hydrogenation of polyesters. S.G.Pollakova, V.N.Belov. Zhur. VKHO 7 no.5 578-579 '62.

Unsaturated acids and macrocyclic lactones Report No.5 Stereospecific synthesis of acetylenic α-glycols L.D.Bergel'son, S.G.Batrakov, A.N.Grigorian Izv. AN SSSR. Otd khim nauk no.9 1617-1626 S '62

GLYCOPEPTIDES

Glycopeptides. Report No 11: Synthesis of 6-O-diglycyl-D-glucose and 6-O-triglycyl-D-glucose V A Derevitskaia, L M Likhosherstov, N K Kochetkov Izv AN SSSR. Otd khim nauk no 10 1795-1798 O '62

GLYCOSIDES

Triterpene saponins. Report No 13 Araloside A from Aralia schmidtii. G B Elikov and others. Izv AN SSSR Otd khim nauk no.9 1605-1608 S '62

GLYOXYLIC ACID

Determination of glyoxylic and erythronic acids in decomposition products of oxycelluloses A M Pakhomov, V.M Prostiakova, V I Ivanov Izv.AN SSSR, Otd.khim. nauk no 9,1671-1672 S '62.

GNEISS see subdivision under Krivoy Rog Basin, Ulu-Tau

GOATS—PARASITES see Parasites—Goats

GOBIES see subdivision under Aral Sea; Taganrog Gulf

GOD—NAME

Word and God V.Kranita'ka. Voiov.ateist no. 10: 29-30 O '62

GOGOL', NIKOLAI VASIL'EVICH, 1809-1852

Bogoiavlenskaia, Marianna. [Religious image of Gogol' in a new light, on the development and interpretation of the religious thought of Gogol' [Religioznyi lik Gogolia v novom osveshchenii, k razvitiiu i vospriatiiu religioznoi mysli Gogolia. [New York] 1960. 103 p. (RPB)

Poltoratskyi, O I. [Gogol in St Petersburg] Gogol' v Peterburge Moskva, Sovetskii pisatel', 1962. 277 p.

GOITER

(see also subdivision under Khabarovsk; Lenin District, Khabarovsk Territory; Maritime Territory)

Aberrant goiters [with summary in English]. I.A.IAkobzon. Sov.med. 26 no.8:110-112 Ag '62.

Electrophoretic study of the protein composition of the blood serum in endemic goiter. N.I.Malyarevich, A.P. Krasil'nikova. Trudy Khab.med.inst. no.20:141-146 '60.

Klvorov, V.V. [Endemic goiter; its etiology, pathogenesis, clinical aspects, prevention and treatment] Endemicheskii zob, etiologiia, patogenez, klinika, profilaktika i lechenie. Moskva, Medgiz, 1962. 118 p. (DNLM)

GOLD—ELECTRIC PROPERTIES

Metal resistance at high current density and short pulse durations. L.G.Dubitskii. Radiotekh. i elektron. 7 no.10:1818-1823 O '62.

GOLD MINES AND MINING see subdivision under Lena Valley; Minas Valley

GOLD ORES see subdivision under Transbaikalia

GOLODNAYA STEPPE—IRRIGATION CANALS AND FLUMES

Construction of irrigation flumes of precast reinforced concrete in the Golodnaya Steppe. U. IU. Paintov and others. Vop. gidr. no. 5:99-106 '62.

GOLODNAYA STEPPE—PIPELINES—EQUIPMENT AND SUPPLIES

Using air pressure tanks to adjust pressures in pressure pipelines of irrigation systems. V. A. Baranov. Vop gidr. no 5:69-70 '62.

GOLODNAYA STEPPE—RECLAMATION OF LAND

Reclamation of a desert. A.Sarkisov. Part.zhizn' no.22:30-37 N '62.

GOLODNAYA STEPPE (NORTHERN) see Bet-Pak-Dala

GOMEL' PROVINCE—NEWSPAPER AND PERIODICAL CIRCULATION

How we prepared for the new year's subscription campaign. V. Kiselev. Raspr.pech. no.10:10-11 O '62.

GOMEL' PROVINCE—SWINE—FEEDING AND FEEDS

A sleepless night. Ed. Karpachou. Belarus' 19 no 10 18-19 O '62.

GOMIN, LES', pseud. see Korolevych, Oleksandr Dmytrovych, 1900-1956

GONADOTROPIN

Effect of ionizing radiation on the gonadotropic reaction of ovaries in mice. L.A. Kashchenko. Dokl. AN SSSR 146 no. 6:1430-1433 O '62.

Effect produced by gonadotropin on the state of DNA in the thymus of sexually immature rats. A.A. Beketova, A.M.Kuzin. Dokl.AN SSSR 146 no.5:1201-1202 O '62.

GONCHAROV, IVAN ALEKSANDROVICH, 1812-1891
How "Oblomov" was created. M. Blinchevskaia. Ogonek 40 no. 25 27 Je '62.

GONIOMETRY
Change in the accuracy of the measurement of angles within the limits of a single program. E. A. Holmskii, Iu. A. Krukov. Geod. i kart. no. 9 31-34 S '62.
Russia (1923- U.S.S.R.) Komitet standartov, mer i izmeritel'nykh priborov. [Checking optical-mechanical instruments for the measurement of lengths and angles] Poverka optiko-mekhanicheskikh priborov dlia izmereniia dlin i uglov, sbornik instruktsii. Izd. ofitsial'noe. Moskva, Standartgiz, 1961. 505 p. (SSSR. Gosudarstvennye standarty)

GORETSKII, IURII KONSTANTINOVICH, 1912-1961
IUrii Konstantinovich Goretskii, obituary. Biul. MOIP. Otd. geol. 37 no. 3 109-111 My-Je '62.

GORI—TEXTILE INDUSTRY
The textile workers of Gori prepare for the 20th Congress of the Communist Party of Georgia. D. Bedoshvili. Blok. agit. [Gruz.] no. 1:29-32 Ja '60.

GOR'KII, MAKSIM, 1868-1936
Gor'kii, Maksim. [The press] O pechati. Moskva, Gospolitizdat, 1962. 366 p.
Leningrad. Universitet. [Literary style and vocabulary employed by M. Gor'kii] Slovoupotreblenie i stil' M. Gor'kogo [Leningrad] 1962. 146 p.

GORKIY—CLOTHING INDUSTRY—MANAGEMENT
Reorganization of a factory. V. IA. Volkov, B. G. Ginzburg. Shvein. prom. no. 5 39-40 S-O '62

GORKIY—GAS DISTRIBUTION
Construction of a gas network in Gorkiy. G. Skrobov. Zhil.-kom. khoz. 12 no. 3:18-19, 21 Mr '62.

GORKIY—RADIO IN INDUSTRY
How homes are being built.... A. Timofeev. Sov. rad. i tel. 6 no. 5 15 '57.

GORKIY—RADIO PLAYS
The radio play "Tale about fellow serfs." A. Timofeev. Sov. rad. i tel. 6 no. 6 26-27 '57.

GORKIY—STREETCARS
The production conference has decided. M. Maklinovskii. Zhil.-kom. khoz. 12 no. 5 13-14 My '62.

GORKIY—TRADE UNIONS—OFFICERS
Rimma Cheknaova's helpers. A. Krichevskii. Sov. profsoiuzy 18 no. 20:26 O '62.

GORKIY PROVINCE—ACCOUNTING
Accounting under new conditions. E. Molchanov. Bukhg. uchet 18 no. 6 8-12 Je '62.

GORKIY PROVINCE—AGRICULTURAL WAGES
A wage system approved by practice. A. Malyshev, G. Klukanov, S. Metelkin. Sots. trud 7 no. 8:107-112 Ag '62.

GORKIY PROVINCE—BUILDING
How homes are being built.... A. Timofeev. Sov. rad. i tel. 6 no. 5, 15 '57.

GORKIY RESERVOIR—SHORELINES
Coast erosion in the Gorkiy Reservoir. V. Popov. Rech. transp. 21 no. 10:41 O '62.

GORLOVKA—ATHEISM
The inspiration of work. O. Shtykh. Volov. ateist no. 10-10-11 O '62

GORNAYA SHORIYA—BRUCITE
Brucite from Gornaya Shoriya. Zap. Vses. min. ob-va 91 no. 3 358-360 '62.

GORNO-ALTAISK—RADIO IN AGRICULTURE
Radio of Gorno-Altai. N. Nikolaev. Sov. rad. i tel. 6 no. 8:22 '57.

GORODETS REGION—FLAX
"Northern silk." N. Buzin. Agitator no. 23:31-33 D '62.

GOSSYPOL—SPECTRA
Spectroscopic study of the structure and of some properties of gossypol. T. A. Danilova, A. N. Mironova. Izv. AN SSSR. Ser. fiz. no. 10.1308-1310 O '62

GOTALOV-GOTLIB, ARTEMII GRIGOR'EVICH, 1886-1960
A. G. Gotalov-Gotlib, obituary. Viz. vrem. 21 276-276 '62.

GOTHS
Governmental system of the East Gothic Kingdom. I. A. Dvoretskaia. Viz. vrem. 21 3-28 '62.

GOURDS
Type of the embryo sac in Praecitrullus fistulosus (Stocks) Pang. V. A. Gulnov. Dokl. AN SSSR 146 no. 5:1216-1219 O '62.

GOVERNMENT OWNERSHIP
(see also subdivision under Europe, Western; Great Britain)
State capitalism in the interpretation of Soviet economists [with summary in English, pp. 217-218]. L. F. Morozov. Vop. ist. no. 10:21-39 O '62.

Vilkov, G. E. [Nationalization and international law] Natsionalizatsiia i mezhdunarodnoe pravo. Moskva, Izd-vo IMO, 1962. 134 p.

GRAFTING
Some observations on the Bere winter pear variety. V. M. Oleshko. Agrobiologiia no. 3 355-360 My-Je '62
Studying the relation between the physiological processes in apple and pear grafts and their location in the crown of the mentor plant. M. D. Kushnirenko. Trudy TSGL 7 197-208 '61.
Superiority of grafted in comparison with scion-rooted vineyards in areas infected with phylloxera. IA. B. Herman. Visnyk sil'hosp. nauky 5 no. 9:16-21 S '62.
Vegetative hybridization of grain crops. K. I. IAroshenko. Uch. zap. Biol.-pochv. fak. Kir. un. no. 7:33-38 '58.

GRAIN
(see also subdivision under Ukraine)
Changes in the ascorbic acid content of various organs in cereal plants during their growth and development. T. N. Semenenko. Nauch. dokl. vys. shkoly, biol. nauki no. 1 124-128 '62
Increase of the fixed capital of grain receiving enterprises and improvement of their structure during the past three years of the seven-year plan. A. Borodin. Muk.-elev. prom. 28 no. 9 12-17 S '62
Investigating the effect of hydrothermal treatment of grain on changes in its structural and mechanical characteristics. Z. Goncharova. Muk.-elev. prom. 28 no. 9 8-10 S '62
Letters to the editor. G. Akop'ian, N. Murzin. Muk.-elev. prom. 28 no. 9 29 S '62.
Planning the technological development of grain receiving enterprises of the State Procurement Committee of the U. S. S. R. D. Gavrichenkov. Muk.-elev. prom. 28 no. 9:17-18 S '62
Prutskova, M. G., and R. M. Blakherova. [Production of grain crop seeds] Semenovodstvo zernovykh kul'tur. Moskva, Izd-vo selkhoz. lit-ry, zhurnalov i plakatov, 1961. 310 p.
(DNAL)
Vegetative hybridization of grain crops. K. I. IAroshenko. Uch. zap. Biol.-pochv. fak. Kir. un. no. 7:33-38 '58.

GRAIN—CLEANING
"Machines for cleaning grain by a stream of air" by A. IA. Malis and A. R. Demidov. Muk.-elev. prom. 28 no. 9:31-32 S '62
Two-phase threshing of grain. K. Kolganov, B. Chetyrkin. Tekh. v sel'khoz. 22 no. 8 77-79 Ag '62.

GRAIN—DISEASES AND PESTS see subdivision under Azerbaijan, Georgia

GRAIN—DRYING
An automatic noncontact ATR-1 temperature regulator for grain driers. M. M. Pomichev, IU. S. Tikhmenev, O. M. Popov. Vest. elektroprom. 33 no. 9:24-26 S '62.

GRAIN—HARVESTING
Antipin, V. G., S. M. Grigor'ev, and A. B. Lur'e. [Grain harvesting combines and the organization of combine harvesting of grain crops] Zernouborochnye kombainy i organizatsiia kombainovoi uborki zernovykh kul'tur. Leningrad, Sel'khozizdat, 1962. 383 p.
(DNAL)

GRAIN—TESTING
Apparatus for technological analysis of grain. I. Manbish, N. TSipes. Muk.-elev. prom. 28 no. 9 26-28 S '62.

GRAIN—TRANSPORTATION see subdivision under Dnepropetrovsk Province

GRAIN—VARIETIES
Grain is the treasure of our country. N. S. Smirnov. Shkola i proizv. 6 no. 10 53-56 O '62

GRAIN ELEVATORS
(see also subdivision under Chelyabinsk)
Increasing the durability of walls of the reinforced concrete frame of elevators. A. Kurochkin, E. Ryabina, V. Nozhnitskii. Muk.-elev. prom. 28 no. 9. 19-22 S '62.

GRAIN HANDLING
(see also subdivision under Virgin Territory)
The assembly-line method for the post harvest treatment of grain. Z. Chukhar'ko. Ekon. sel'khoz. 33 no. 8:85-88 Ag '62.
"Pneumatic conveying in grain processing plants" by A. M. Dzhadzio. Reviewed by P. G. Demidov, L. I. Kotliar. Izv. vys. ucheb. zav.; pishch. tekh. no. 5: 153-154 '62.
Pyshkin, V. P. [Mechanization of grain handling] Mekhanizatsiia rabot s zernom. Moskva, Zagotizdat, 1961. 106 p. (V pomoshch' rabotnikam khlebopriemnykh predpriiatii)

GRAIN-HANDLING MACHINERY
New machines for mills and elevators. A. Domskii and others. Muk.-elev. prom. 28 no. 9:22-26 S '62.
The ZPA-100 grain loader. V. L. Pashkin. Biul. tekh.-ekon. inform. Gos. nauch.-issl. inst. nauch. i tekh. inform. no. 10. 60-61 '62.

GRAIN STORAGE see subdivision under Virgin Territory

GRANARIES—COSTS see subdivision under Altai Territory

GRANITE see subdivision under Bot-Pak-Dala; KazakhStan

GRANITE—ELECTRIC PROPERTIES
Electrokinetic properties of granite and the adherence of bitumens. A. V. Bernshtein, V. I. Barzam. Avt. dor. 25 no. 10 15-16 O '62

GRANITE—MAPS see subdivision under Transbaikalia

GRANULITE
Diagram for determining femic minerals of hornblendes in rocks of granulite facies. B. G. Lats. Zap. Vses. min. ob-va 91 no. 3 331-334 '62.

GRAPE BREEDING
(see also subdivision under Kazakhstan)
Grape breeding in the central part of the U. S. S. R. I. M. Filippenko. Trudy TSGL 7. 43-71 '61.

GRAPES—DISEASE AND PEST RESISTANCE
Superiority of grafted in comparison with scion-rooted vineyards in areas infected with phylloxera. IA. B. Herman. Visnyk sil'hosp. nauky 5 no. 9. 16-21 S '62.

GRAPES—FERTILIZERS AND MANURES
Effect of fertilizers on the activity of microbiological processes in the soil of vineyards [with summary in English]. G. Peshakov. Izv. AN SSSR. Ser. biol. no 5: 787-790 S-O '62.
Kornelchuk, V. D., and E. K. Plakida. [Fertilizing vineyards] Udobrenie vinogradnikov. Moskva, Sel'khozizdat, 1962. 206 p.
(DNAL)

GRAPES—FIELD EXPERIMENTS
Laying out field experiments to study cultivation practices in viticulture. Trudy Inst. plod. i vin. Kazakh. akad. sel'khoz. nauk 1 pt. 2:238-248 '61.

GRAPES—FROST RESISTANCE see subdivision under Moldavia

GRAPES—STORAGE
Vilkovskii, V. G. [Storage of apples and grapes] Khranenie iablok i vinograda. Moskva, Gosforgizdat, 1961. 34 p.

GRAPHITE see subdivision under Narym Range

GRAPTOLITES see subdivision under Cheremshanka region (Chelyabinsk Province)

GRASSES
Explosive and stepwise flowering of grasses. A. N. Ponomarev, T. P. Tumacheva. Dokl. AN SSSR 146 no. 6: 1437-1440 O '62.

GRASSES—WATER REQUIREMENTS see subdivision under Kirghizistan

GRAVIMETRY—EQUIPMENT AND SUPPLIES
Graph paper for calculating corrections for local relief in conducting gravity surveys. N. N. Dergachev. Geol. i geofiz. no. 8. 107-110 '62.

GRAVITATION
Certain properties of the Einstein equations for spherically symmetrical gravitational fields. I. D. Novikov. Vest. Mosk. un. Ser. 3. Fiz., astr. 17 no. 5. 90-95 S-O '62.
Chernikov, N. A. [Relativistic gas in a gravitational field] Relativistskii gaz v gravitatsionnom pole. Dubna, Ob"edinennyi in-t iadernykh issl., 1962. 22 p. [With summary in English]
Motion of a body of variable mass with a constant energy consumption in a gravitational field considering relativistic effects. G. L. Grodzovskii. Izv. AN SSSR. Otd. tekh. nauk. Mekh. i mashinostr. no. 5:184 S-O '62.
On the relative localization of the gravitational field. IU. A. Rylov. Vest. Mosk. un. Ser. 3: Fiz., astr. 17 no. 5:70-80 S-O '62.

GRAVITY
(see also subdivision under Uzbekistan)
Gravity observations during a total solar eclipse. N. P. Grushinskii, M. U. Sagitov. Vest. Mosk. un. Ser. 3: Fiz., astr. 17 no. 5:46-53 S-O '62.
Taking into account the systematic errors in the approximately calculated fields of second vertical derivatives of gravity. G. I. Martynova. Geol. i geofiz. no. 9:117-122 '62.
Theory of the vertical torsion balance. B. V. Gran. Uch. zap. LGU 303:278-287 '62.

GRAVITY PROSPECTING
Evaluating the depth of gravity prospecting in searching for ore deposits. A. IA. IArosh. Razved. i okh. nedr 28 no. 5:38-42 My '62.
Using electronic machines to solve a direct problem of gravity prospecting for three-dimensional convex bodies (seismic structures). O. K. Litvinenko, V. A. Makarov. Prikl. geofiz. no. 33:155-160 '62.
Using special points of potential fields in interpreting geophysical data. S. V. Shalaev. Prikl. geofiz. no. 33: 132-154 '62.

GRAVITY PROSPECTING—EQUIPMENT AND SUPPLIES

Calculating the effect of relief in operations involving the use of the GRBM-3 gradiometer. V. S. Mironov. Uch. zap. LGU 303 268-291 '62.

GREAT BRITAIN—ATOMIC POWER INDUSTRY

Great Britain's atomic industry. Mezhdunar. zhizn' 9 no. 11:140-141 N '62.

GREAT BRITAIN—COLONIES

"Lord Curzon and the problem of European racialism in India" [in English] by M. N. Das. Reviewed by A. I Chicherov. Vop. ist. no. 10:192-193 O '62.

GREAT BRITAIN—COMMUNIST PARTY

The struggle against revisionism at the 25th (extraordinary) Congress of the Communist Party of Great Britain. A. A. Ermolaev. Uch. zap. kaf. ist. mezhdunar. rab. i nats.-osv. dvizh. no. 1:45-60 '59.

GREAT BRITAIN—DIESEL LOCOMOTIVES

New locomotives. Elek. i tepl. tiaga 6 no. 9:47 S '62.

GREAT BRITAIN—ECONOMIC CONDITIONS

British economy in a vicious circle M. Volkov Mir. ekon i mezhdunar. otn. no 11:30-42 N '62

GREAT BRITAIN—ECONOMIC POLICY

The foreign and domestic policy of Great Britain; results and prospects. J. R. Campbell. Mezhdunar. zhizn' 9 no. 11:33-42 N '62.

GREAT BRITAIN—EXCAVATING MACHINERY

England's biggest dragline (from "Mining Equipment," no. 11, 1961). I S Voitenko Ugol' 37 no. 10:57 O '62.

GREAT BRITAIN—FARM MECHANIZATION

Korbut, L. A. [Mechanization of agriculture in Great Britain] Mekhanizatsiia sel'skogo khoziaistva Velikobritanii Moskva, Mashgiz, 1961. 185 p. (DNAL)

GREAT BRITAIN—FEUDALISM

Barg, M. A. [Studies on the history of English feudalism from the 11th to the 13th century] Issledovaniia po istorii angliiskogo feodalizma v XI-XIII vv. Moskva, Izd-vo Akad. nauk SSSR, 1962. 377 p

GREAT BRITAIN—FOREIGN ECONOMIC RELATIONS

The foreign and domestic policy of Great Britain; results and prospects. J. R. Campbell. Mezhdunar. zhizn' 9 no. 11:33-42 N '62.

GREAT BRITAIN—FOREIGN ECONOMIC RELATIONS—RUSSIA

Accounts and Loan Bank of Persia in 1894-1907. B. V. Anan'ich. Trudy LOII AN SSSR. no. 4:274-314 '62.

GREAT BRITAIN—FOREIGN RELATIONS

Policy of the British Government in northwestern Europe, September 1939-April 1940 [with summary in English, p. 198]. A. M. Nekrich. Nov. i noveish. ist. no. 5:24-40 '62.

GREAT BRITAIN—GOVERNMENT OWNERSHIP

Labor Party and the problem of public property. A. N. Krasil'nikov. Nov. i noveish. ist. no. 4:30-46 '62.

GREAT BRITAIN—HISTORY

British comments on the Patriotic War of 1812. I. G. Gutkina. Nov. i noveish. ist. no. 5:84-91 '62.

"Imperialism and social reform; English social-imperial thought, 1895-1914" [in English] by B. Semmel. Reviewed by M. K. Nov. i noveish. ist. no. 5:153-155 '62.

GREAT BRITAIN—MARINE DIESEL ENGINES—TESTING

Results of testing engines manufactured by Doxford [from "The Motor Ship," no 1, 1961]. IU M Bukhalkin. Sudostroenie 28 no 9 70-71 S '62.

GREAT BRITAIN—MARITIME LAW

Some decisions of English courts. Inform. sbor. TSNIIMF no. 71 Mar. pravo i prak. no. 15-65-67 '61.

GREAT BRITAIN—MILITARY BASES, AMERICAN

A not for "Polaris" rockets Mol. mira no. 6 1 '61

GREAT BRITAIN—NUCLEAR ROCKETS

A not for "Polaris" rockets Mol mira no 6-4 '61

GREAT BRITAIN—PEACE—SOCIETIES, ETC.

Peace movement of British youth. M. Siggers. Mol. mira no. 1 15-16, 20 '62.

GREAT BRITAIN—PENSIONS

In the struggle for their rights. I. Vol'skaia. Sots. obesp. 23 no. 10:62-63 O '62.

GREAT BRITAIN—SHIPBUILDING

British-built ships [from "Shipping World," no 3593, 1962, "The Motor Ship," no 501, 1962] Sudostroenie 28 no. 9 71-72 S '62.

GREECE—HISTORY

How the work of Aeneas Tacticus describes social and political struggle and the role of mercenary soldiers in Greece in the fourth century B. C. L. P. Marinovich. Vest. drev. ist. no. 3:49-77 '62.

GREECE—POLITICS AND GOVERNMENT

Greek youth struggles for the triumph of democracy K. Konstantinidas Mol mira no 6 7-8 '61.

GREECE—WORLD WAR, 1939-1945—UNDERGROUND MOVEMENTS

"Heroic history of national resistance" [in Greek] by K. Birkas. Reviewed by G. D. Kiritiakidis. Nov. i noveish. ist. no. 4:173-174 '62.

GREECE—YOUTH

Greek youth struggles for the triumph of democracy K Konstantinidas Mol mira no. 6 7-8 '61

GREEK INSCRIPTIONS see Inscriptions, Greek

GREEK LITERATURE—HISTORY AND CRITICISM

Radtsig, S. I. [Classical literature; its creative and historical significance as a part of the ancient Greek and Roman culture] Antichnaia literatura; ee khudozhestvennoe i istoricheskoi zhachenie v svinzi s obshchei kul'turoi drevnikh grekov i rimlian. [Moskva] Izd-vo Mosk. univ., 1962. 128 p. (Narodnyi universitet kul'tury na domu)

GREENHOUSES

Automatically controlled greenhouse. IUn. tekh. 7 no. 10:48 O '62.

GREENHOUSES—HEATING AND VENTILATION

System for regulating microclimate parameters in greenhouses. A. M. Kaminskii. Vest. elektroprom. 33 no 9: 21-24 S '62.

GREENLAND—GEOLOGY, STRUCTURAL

Ground and relief structure in the southeastern area of Greenland. I. K. Avilov. Trudy VNIRO 46,57-61 '62.

GREENLAND SEA—COPEPODA

Average weight of Copepoda in the Central and North Atlantic, Norwegian and Greenland seas. I. P. Kanaeva. Trudy VNIRO 46:253-266 '62.

GREENLAND SEA—PHYTOPLANKTON

Quantitative development and distribution of phytoplankton in the northern part of the Greenland Sea. A. I. Kuz'mina. Trudy VNIRO 46:287-290 '62.

GREENLAND SEA—WATER—COMPOSITION

Conditions governing the formation of the hydrochemical conditions and primary productivity in the Norwegian and Greenland Seas. M. V. Fedosov, I. A. Ermachenko. Trudy VNIRO 46:18-38 '62.

GREKOV, MITROFAN BORISOVICH, 1882-1934

The artist does not die. A. Liakhova. Ogonek 40 no. 25: 16 Je '62.

GRIEG, EDVARD HAGERUP, 1843-1907

Levasheva, O. E. [Edvard Grieg; a study of his life and works] Edvard Grig; ocherk zhizni i tvorchestva. Moskva, Muzgiz, 1962. 826 p. (Klassiki mirovoi muzykal'noi kul'tury)

GRINDING AND POLISHING

Automatic shape adjustment of sheet mill rolls by means of a mechanical grinding device. A. P. Chekmarev and others. Nauch. trudy DMI no. 48:265-274 '62.

Determining time between wheel straightening in grinding hardened steels. A. IA. Alitab'ev. Trudy Sem. po kach. poverkh. no. 5:327-331 '61.

Economic efficiency of methods for precision finishing. A. A. Matalin. Trudy Sem. po kach. poverkh. no. 5:298-307 '61.

Effect of grinding burns on the fatigue strength of gears. E. L. Airapetov, M. D. Genkin, M. A. Ryzhov. Vest. mashinostr. 42 no. 10 70-72 O '62.

Grinding of surfaces by high classes of smoothness and precision. O. IA. Konstantinov. Trudy Sem. po kach. poverkh. no. 5:321-328 '61.

Grinding taps having metric thread every second pitch on the 5B82 thread-grinding machine V F. Kulik. Stan i instr. 33 no. 10:32-33 O '62.

Mechanizing the grinding of compound die-casting molds. V. N Ivanov Stan. i instr 33 no. 10:8-12 O '62.

Modern finishing of surfaces with abrasive bars. N. I Gorsetskii. Trudy Sem po kach. poverkh no. 5:308-314 '61.

New methods of circular grinding with high classes of smoothness and precision. V. S. Rystsova, G. A Matiosov Trudy Sem. po kach. poverkh no. 5:315-320 '61.

Russia (1917- R.S.F.S.R.) Ministerstvo prosveshcheniia. [Programs of secondary schools with industrial training, occupation of a grinder] Programmy srednei shkoly s proizvodstvennym obuchcheniem, professiia - shlifovshchik. Moskva, Uchpedgiz, 1962. 45 p.

Selecting the strength criterion for a grinding wheel according to requirements of surface quality. G. B. Lur'e. Trudy Sem. po kach. poverkh. no 5:292-297 '61.

Structural transformations during grinding. B. B. Grozin and others. Trudy Sem. po kach. poverkh. no. 5:277-282 '61.

Structure and properties of steel surface subjected to grinding. B. I. Kostetskii, O. I. Kucheriavyi, A. I. Kulun Trudy Sem. po kach. poverkh. no. 5:283-291 '61.

Surface smoothness in case of abrasive lapping of metals having various mechanical properties. N. I. Bogomolov Trudy Sem. po kach. poverkh. no. 5:264-270 '61.

GRINDING MACHINES

Portable lapping machine. I. I. Zhdanov. Mashinostroitel' no. 10:17 O '62.

The 3B71MB surface grinding machine. B. S. Korshunov. Biul. tekh.-ekon. inform. Gos. nauch.-issl. inst. nauch. i tekh. inform. no. 10 44-45 '62.

The VSh-182 automatic two-way face-grinding machine. K. V. Fashkevich. Biul. tekh.-ekon. inform. Gos. nauch.-issl. inst. nauch. i tekh. inform. no. 10:45-46 '62.

GRINDING MACHINES—HYDRAULIC DRIVE

Hydraulic systems of new Russian internal-grinding machines. G. L. Ermolaev, I. G. IArov. Stan. i instr. 33 no. 10:20-23 O '62.

GRINDING WHEELS

Device for straightening grinding wheels on two-way grinders. A. A. Zatsepa Stan. i instr. 33 no 10:41 O '62.

GRODNO—TEXTILE INDUSTRY

We shall carry out our seven-year plan in five years. P. Kuznetsov. Blok. agit. [Bel.] no. 3:21-25 Ja '60.

GRODNO PROVINCE—DAIRYING

Your friends will help you V. Lukoshenko Rab. i sial 38 no. 10 4-5 O '62

GROMAIRE, MARCEL, 1892-

Meetings with French artists. N. Kalitina. Iskusstvo 25 no. 8:37-42 '62.

GROUND BEETLES see subdivision under Soviet Central Asia

GROUND CONTROLLED APPROACH

Landing approach. L. Ilikitin Av. i kosm. 45 no 6: 58-60 '62.

GROUND CUSHION MACHINES

Calculating the power characteristics of ships on an air cushion. N. V. Korytov, M. IA. Khalfin. Sudostroenie 28 no. 9 7-12 S '62.

GROUND-RENT see Rent (Economic theory)

GROUPS, THEORY OF

Asymptotic behavior of compositions of measures on a complex unimodular group. V. N. Tutubalin. Dokl. AN SSSR 146 no. 6:1286-1289 O '62.

Classes and complete sets of subgroups of finite groups. V. I. Sergienko. Dokl. AN SSSR 146 no. 6:1279-1281 O '62.

Complete sets of nonspecial subgroups of finite groups. S. A. Chunikhin. Dokl. AN SSSR 146 no. 6:1298-1300 O '62.

Degrees of modular representations of p-soluble groups [with summary in English]. A. V. Rukolaine. Vest. LGU 17 no. 19, 41-48 '62.

Direct decompositions of idempotents in semigroups. A. Kh. Livshits. Trudy Mosk. mat. ob-va 11:37-98 '62.

Godement, Roger. [Algebraic topology and the theory of pencils. Translated from the French] Algebraicheskaia topologiia i teoriia puchkov. Pod red. A. A. Ivanova. Moskva, Izd-vo inostr. lit-ry, 1961. 319 p. (RPB)

Investigation of the symmetry of energy bands in Cd3b and ZnSb. V. E. Khartsiev. Fiz. tver. tela 4 no. 4 983-991 Ap '62.

GROUPS, THEORY OF (Continued)
Maximal semigroups. Part 1. V.A.Belonogov. Izv. vys.ucheb.zav., mat. no.4:13-18 '62.
Relations of inclusions between transitive compact transformation groups A.L.Onishchik Trudy Mosk.mat. ob-va 11:199-242 '62
Subgroups of continuous transformations and homeomorphisms of a simple arc. L.B.Shneperman. Dokl.AN SSSR 146 no.6:1301-1304 O '62.
Theory of algebraic linear groups. V.P.Platonov. Dokl.AN SSSR 146 no.5:1025-1026 O '62.
Wigner, Eugene Paul. [Theory of groups and its application to the quantum mechanics theory of atomic spectra. Translation from the German] Teoriia grupp i ee prilozhenila k kantovo-mekhanicheskoi teorii atomnykh spektrov. Perevod s dopoln. i ispr. izdaniia N.P.Klepikova. Pod red. IA.A.Smorodinskogo. Moskva, Izd-vo inostr. lit-ry, 1961. 443 p. diagrs. (RPB)

GROUSE see subdivision under Lapland Preserve; Pechoro-Ilych Preserve

GROWTH
Importance of V.G.Shtefko's growth-related anatomical research to present studies on growing organisms. V.I.Puzik. Biul.MOIP.Otd.biol. 67 no.5:148-149 S-O '62.
Rosa Lee phenomenon. L.F.Shentiakova. Vop.ikht. 2 no.3:480-486 '62.
V.G.Shtefko's works on the physical development of children and youths and their importance. P.N.Bashkirov. Biul.MOIP.Otd.biol. 67 no.5:149-150 S-O '62.

GROWTH (PLANTS)
"Voyage" of cell nuclei. L.Okunina. Nauka i zhizn' 29 no.9:51 S '62.

GROWTH PROMOTING SUBSTANCES
Changes in the bios content at the time of callus and root formation during the stratification of grapevine treated with growth promoting substances. D.TS Lilov Agrobiologiia no.3:443-445 My-Je '62
Effect of growth promoting substances and the crown closure of pine plantations. V.P.Golovashchenko. Les. khoz. 15 no.6:31-32 Je '62.
Effect of preplanting stimulation on some physiological processes and the yield of corn [with summary in English] P.K.Kornaev. Fiziol.rast. 9 no.5:620-625 '62
Effect of the excretions of bacterin producing plant tumors on the root formation of grapevine cuttings. M.Kh.Chailakhian, R.M.Galachian, M.M.Sarkisova. Dokl.AN SSSR 146 no.5:1227-1230 O '62.
Interaction of ferulic acid with gibberellin and indolylacetic acid in the process of plant growth. M.S.Bardinskaia, L.D.Prusakova, T.A.Shubert. Dokl.AN SSSR 146 no.6:1445-1448 O '62.
Synthesis of some growth stimulants for plants. E.K. Varfolomeeva, A.S.Botova, V.F.Balaeva. Khim.v shkole 17 no.4:73-77 Jl-Ag '62.

GROZNYY PROVINCE—PETROLEUM INDUSTRY
The beginning of the monopolization of the Groznyy petroleum industry, 1893-1903. S.I.Potolov. Trudy IGII AN SSSR. no.4:94-141 '62.

GRUMM-GRZHIMAILO, GRIGORII EFIMOVICH, 1860-1936
Grigorii Efimovich Grumm-Grzhimailo as historian of Central Asia. L.N.Gumilev. Mat.po Otd.etn. Geog.ob-va SSSR no.1:49-58 '61.

GUANIDINE
Effect of dicyandiamide resin on the wear resistance of sole flank leather. N.N.Soloshenko, I.P.Strakhov. Kozh.-obuv.prom. 4 no.10:22-24 O '62.

GUANTANAMO, CUBA—MILITARY BASES, AMERICAN
Caimanera (Cuba). Adolfo Riveiro. Mol.mira no.6: 10 '61.

GUARDIAN AND WARD
Ershova, N.M. [Guardianship and wardship of adults] Opeka i popechitel'stvo nad vzroslymi. Moskva, Gosiurizdat, 1962. 41 p.

GUIANA, BRITISH see British Guiana

GUIDEBOOKS see subdivision under Tiflis

GUIDED MISSILES
Concerning a certain nonlinear problem on optimum control [with summary in English]. V.K.Isaev, V.V. Sonin. Avtom.i telem. 23 no.9:1117-1120 S '62.
Warhead of an antiaircraft guided missile and its action on target. A.Filippov. Voen.vest. 42 no.10:80-82 O '62.
Zharov, V.F., and V.I.Ivanov, comps. [Missiles and antimissile defense; translated articles] Rakety i protivoraketnaia oborona; sbornik perevodnykh statei. Predisl. i red. A.Kh.Monza. Moskva, Voenizdat, 1962. 225 p.

GUINEA—WOMEN—RIGHTS OF WOMEN
On the roads of Guinea. Longin Zaremba. Az.i Afr.seg. no.10:38-40 O '62.

GUINEA, PORTUGUESE—POLITICS AND GOVERNMENT
The flame of people's war. A.Polishchuk. Az.i Afr.seg. no.10:56-57 O '62.

GUMS AND RESINS—PHYSIOLOGICAL EFFECT
Pharmacological characteristics of the ethereal oil of pine needles. A.D.Kachanov. Trudy Len.khim.-farm inst. no.13:210-214 '61.

GUMS AND RESINS, SYNTHETIC see Resins, Synthetic

GUN FIRE CONTROL see Fire control (Gunnery)

GUNSHOT WOUNDS
Changes in a wound following radiation injury and gunshot wounds of the mandible A.I.Rybankov Voen.-med. zhur. no.9:36-38 S '61
Inflammatory changes in the bone in late periods following metallic osteosynthesis of gunshot fracture of the femur in irradiated animals. V.S.Turusov. Voen.-med.zhur. no.9:36-38 S '61
Plastic repair of a gunshot wound of the heart using a muscle flap from the diaphragm applied by B.V.Petrovskii's method. V.S.Antipenko. Khirurgiia no.9:125-126 '62.

GYMNASTICS see subdivision under Prague

GYMNASTICS, MEDICAL see Exercise therapy

GYPSUM
(see also subdivision under Chita Province; Naryn Range)
Gypsum application as a means for increasing clover yields. H.M.Sambur. Visnyk sil'hosp.nauky 5 no.9: 65-70 S '62.
Gypsum-cement binding materials based on non-calcined gypsum. G.I.Knigina, L.G.Timofeeva. Stroi.mat. 8 no.9:18-19 S '62.

GYROSCOPE
Effect of the moment relative to the rotation axis of the rotor on drifts of a gyroscope in gimbals supported by a movable foundation. D.M.Klimov. Izv.AN SSSR,Otd. tekh.nauk,Mekh.i mashinostr. no.5:134-136 S-O '62.
Nutational vibrations and drift of a synchronous gyroscope in gimbals. S.A.Kharlamov. Dokl.AN SSSR 146 no.3:550-553 S '62.

HABIT
Our habits are stereotypes. P.G.Sniakin, A.I.Tsakov. Zdorov'e 8 no.11:4-5 N '62.

HAFNIUM
Extraction of zirconium and hafnium from a mixture of nitric and perchloric acids by tributyl phosphate. S.S. Korovin and others. Zhur.neorg.khim. 7 no.10:2475-2477 O '62.

HAFNIUM OXIDE
Determination of the hafnium oxide content of a mixture of zirconium and hafnium oxides based on the measurement of the intensity of beta rays. R.S.Lauer, N.S Poluektov. Khim.prom.[Ukr.] no.1:76-79 Ja-Mr '62.

HAIRDRESSING
(see also subdivision under Volgograd)
"Plastic" youth hairdo. Zhil.-kom.khoz. 12 no.3:22 Mr '62.

HAIRDRESSING—EQUIPMENT AND SUPPLIES
Instruments for women hairdressers. Zhil.-kom.khoz. 12 no.3:22-23 Mr '62.

HALL EFFECT
Amplitude modulation utilizing the Hall effect. M.E. Mazurov, I.N.Prudnikov. Radiotekh.i elektron. 7 no.10:1720-1729 O '62.

HALLUCINATIONS AND ILLUSIONS
Clinical psychopathological characteristics of schizophrenia with a psychic automatism syndrome. L.K. Khokhlov. Trudy Gos.nauch.-issl.inst.psikh. 27:14-21 '61.
Development and course of hallucinations in schizophrenics. G.M.Molchanov. Trudy Gos.nauch.-issl.inst. psikh. 27:7-13 '61.
Some characteristics of remissions during the treatment with neuroplegic substances of schizophrenics with a verbal hallucinosis syndrome. O.P.Vertogradova. Trudy Gos.nauch.-issl.inst.psikh. 27:172-177 '61.

HALOGEN COMPOUNDS
Fluoro-derivative acetylenic hydrocarbons. α-Fluorinated propyne perhalides. A.M.Shchekotokhin and others. Zhur.VKHO 7 no.5:580-582 '62.

HALOGENS
Effect of the nature and position of halogen on the behavior of monohaloanthraquinones in paper chromatography. N.S.Dokunikhin, B.N.Kolokolov. Zhur.VKHO 7 no.5: 597 '62.

HAMSTERS see subdivision under Altai Territory

HAMYARITIC INSCRIPTIONS see Inscriptions, Sabaean

HAND—FOREIGN BODIES
Diagnosing the localization of small foreign bodies in the hand. A.A.Erasova. Vest.khir. 89 no.8:68 Ag '62.

HARBOR see subdivision under Murmansk; Ust'-Donetsk, Vladivostok

HARBORS
How to alleviate the seasonality of harbor operations. N.Subbotin. Rech.transp. 21 no.10:12-13 O '62.

HARD FACING
Hard-faced cutter for drilling slim boreholes in hard rocks N.L.Fvstratov Gor.zhur no.11:76 N '62.
Investigating the phase composition of certain multilayer facings K.V.Bagrianskii, V.N.Kal'ianov. Svar.proizv. no.10:9-12 O '62
KPI electrodes for the hard facing of cutting tools by the submerged arc method. N.A.Gorpeniuk, S.B. Kozlov, S.S.Urbanovich Avtom.svar. 15 no.11: 66-70 N '62
More widespread use of the hard facing of equipment parts. V.D.Pisklich. Metallurg 7 no.11:26-29 N '62.
Powder metal lamellar electrodes for electric slag hard facing A.IA.Shvartser, I.IA.Golub, G.V. Lugovaia Avtom.svar. 15 no.11:71-76 N '62
Preventing the welding together of parts during the continuous hard facing of several of them simultaneously N.P.Vasil'ev Avtom.svar. 15 no.11:77-78 N '62.
Razikov, M.I. [Automatic hard facing and build-up welding in an atmosphere of carbon dioxide] Avtomaticheskaia naplavka v srede uglekislogo gaza. Moskva, Mashgiz, 1962. 211 p.
Selection of a stainless steel electrode ribbon for the deposition of corrosion resistant metals F.A. Khomutko. Avtom.svar. 15 no.11:25-29 N '62.
Wear-resistant hard facing of molds with horizontal lamellar electrodes V.S.Popov. Svar.proizv. no.10: 17-20 O '62

HARD FACING—EQUIPMENT AND SUPPLIES
New standard for products of metal and ceramic hard-facing alloys for hard facing drills. N.A.Kudria, I.N. Vsevolozhskaia Gor.zhur no.10:45-48 O '62

HARDBOARD
Otlivanchik, A.N. [Manufacture and use of particle boards] Proizvodstvo i primenenie drevesnostruzhechnykh plit. Moskva, Goslesbumizdat, 1962. 310 p.
Use of glass-reinforced plastics in the production of particle boards. L.I.Kozel'tsev. Stroi.mat. 8 no.9:38-39 S '62.

HARDNESS
Some microhardness characteristics of tellurium single crystals due to small additions of antimony. V.I.Vorakaa, V.N.Lange, R.V.Sukhanova. Izv.vys.uch.zav., fiz. 3:124-126 '62.

HARELIP
Alloplasty in congenital fissures of the upper lip. V.I. Sorokin. Trudy Nauch.-issl.inst.stom. no.10:51-55 '62.

HARES—PARASITES see Parasites—Hares

HARMONIC ANALYSIS
Using the harmonic balance method in analyzing the periodicity in systems of automatic control containing unstable elements. I.N.Pecherina. Izv.vys.ucheb. zav.: radiofiz. 5 no.5:1040-1042 '62.

HARMONIC FUNCTIONS
Solution to Dirichlet's problem for a Laplace equation in a composite region with corners. Sh.I.Vekilov. Izv. AN Azerb.SSR,Ser.fiz.-mat.i tekh.nauk no.2:27-37 '62.

HARMONY—PROBLEMS, EXERCISES, ETC.
Mutli, A.F. [Collection of problems on harmony] Sbornik zadach po garmonii. 3. izd. Moskva, Gos. muzykal'noe izd-vo, 1959. 157 p.

HARNESS—TESTING
Effect of the length of connecting line of Vickers' diamond pyramid on the result of hardness tests. N.P. Slavina. Izm.tekh. no.10:20-22 O '62.

HARVESTING MACHINERY
Adjustment of the stalk feeding mechanism of the KKKh-3 harvester. I.Chumachenko. Tekh.v sel'khoz. 22 no.8:42-44 Ag '62.
Automatic control of a sugar beet harvesting combine. M.Konstantinovskii. Tekh.v sel'khoz. 22 no.8:68-70 Ag '62.
Experience in the use of combines for harvesting grain crops. M.Bespalov. Tekh.v sel'khoz. 22 no.8:8-10 Ag '62.
In the office of the designers of the "Rostsel'mash" factory. S.Strokov, IA.Zil'berov, N.Borisenko. Tekh.v sel'khoz. 22 no.8:10-15 Ag '62.
Increase in the reliability of the SK-3 combine harvester operating on irrigated and mountainous lands. M.Zakarian, N.Madatov, K.Gasanov. Tekh.v sel'khoz. 22 no.8:40 Ag '62.
The KSZ-1 sugar beet harvester. S.Betin, IU.Agafonov. Tekh.v sel'khoz. 22 no.8:62-64 Ag '62.
Machine consisting of a SK-3 harvester with roller-type reapers. V.Gavrilov, V.Ignatov, V.Gamagin. Tekh. v sel'khoz. 22 no.8:36-39 Ag '62.

HARVESTING MACHINERY (Continued)

New machinery for the harvesting of grain crops. N.Spivak. Ekon.sel'khoz. 33 no.9:75-79 S '62.

New silage harvesting carterpillar combines. O.Sidorchuk. Ekon.sel'khoz. 33 no.9 79-80 S '62.

Operation of KKKh-3 harvesters at increased speeds. F.Oleinik. Tekh.v sel'khoz. 22 no.8 41-42 Ag '62.

Sugar beet harvesting machinery for work on irrigated lands. G.Stetsenko. Tekh.v sel'khoz 22 no.8:64-66 Ag '62.

System for sharpening the blades of the cutting drum of the SK-2,6 harvester. I.Lepeshko. Tekh.v sel'khoz. 22 no.8,44-46 Ag '62.

HASEK, JAROSLAV, 1883-1923

Jaroslav Hašek's role in the struggle for the consolidation of Soviet rule in Eastern Siberia. V.S.Sanzhiev. Trudy BKNII no.6,26-49 '61

HATS

The hat block. A.Darenskii. Mest.prom.i khud. promys. 3 no.8 28 Ag '62.

HAY see subdivision under Brest Province

HAY—HARVESTING

(see also subdivision under Semipalatinsk Province)

Hay harvesting machinery for mountainous regions. M.Shanidze, I.Troshchinskii. Tekh.v sel'khoz. 22 no 8:84-85 Ag '62.

HEADACHE

Pathophysiological mechanisms of headache in neuroses. B.D.Karvasarskii. Trudy Gos.nauch.-issl.inst.psikh. 27 333-339 '61.

HEALTH RESORTS, WATERING PLACES, ETC.

(see also subdivision under Crimea, Pyatigorsk, Siberia, Eastern; Voronezh Province, Yessentuki; Zheleznovodsk, see also Kislovodsk)

Chemical factors of neural stimulation in diabetes mellitus and their change under the influence of treatment, preliminary report. L.D.Frenkel'. Uch.zap.Pyat.gos.nauch.-issl.bal'n.inst. 3 191-200 '60.

A few words on angina abdominis A.I Bernshtein. Uch.zap.Pyat.gos.nauch.-issl.bal'n.inst. 3 295-306 '60.

Functional state of the cardiovascular system in peptic ulcer of the stomach and duodenum and the changes in it under the influence of health resort treatment. B.N. Papkov, I.M.Komissarova. Uch.zap.Pyat.gos.nauch.-issl.bal'n.inst. 3:107-115 '60.

Nature and significance of compensation and adaptation in the treatment of chronic diseases of the digestive organs under health resort conditions. R.L.Blokh. Uch.zap.Pyat.gos.nauch.-issl.bal'n.inst. 3 219-230 '60

Sanatorium and health resort treatment of heart defects [with summary in English]. B.M.Berezovskaia. Vrach.delo no.10:60-65 O '62.

HEARING

Analysis of the systemic structure of perception. Report No.10. Experimental formation of differential sensitivity to vibrations. A.IA.Chumek. Dokl.APN no.3:83-86 '62.

Dukel'skii, N.I. [Principles of the segmentation of speech flow] Printsipy segmentatsii rechevogo potoka. Moskva, Izd-vo Akad. nauk SSSR, 1962. 136 p.

Effect of hypothermia in combination with hibernation on conditioned reflexes from the auditory analyser [with summary in English]. G.V.Khvedelidze. Biul.eksp. biol.i med. 53 no.6 32-35 Je '62.

Significance of past illnesses in the development of hearing disorders in fliers. M.N Stepanov Voen.-med. zhur. no 9 84 S '61.

HEART

Cells of a heart. Isaac Harari. Nauka i zhizn' 29 no.9:70-74 S '62

Effect of some analgesic substances and novocaine on reflexes from the heart [with summary in English]. M.IU.Ladinskaia. Uch.zap.Inst.farm.i khimioter. AMN SSSR 2:105-113 '60.

Interaction of cerebral and abdominal ganglia of the edible snail Helix pomatia in reflex regulation of cardiac activity. N.A.Smirnova, R.F.Popkova. Nauch.dokl.vys.shkoly, biol.nauki no.4:58-63 '62.

HEART—ABNORMITIES AND DEFORMITIES

Cardiosclerosis in congenital heart defects. L.D.Krymskii. Vest.AMN SSSR 17 no.7,59-68 '62.

HEART—DISEASES

Cardiosclerosis in congenital heart defects. L.D.Krymskii. Vest.AMN SSSR 17 no.7:59-68 '62.

Chronic forms of infectious allergic myocarditis [with summary in English]. N.N.Skachilova, M.G.Revzis Sov.med. 26 no.8:19-24 Ag '62.

Experimental therapy of myocarditis [with summary in English]. S.V.Andreev, Z.G.Trofimova. Uch.zap. Inst.farm.i khimioter.AMN SSSR 2:223-251 '60.

Penetration of a gastric ulcer into the heart. E.D. Savchenko. Khirurgiia no.9:132-134 '62.

Sanatorium and health resort treatment of heart defects [with summary in English]. B.M.Berezovskaia. Vrach.delo no.10:60-65 O '62.

Sensory chronaxia in patients with the cardiac pain syndrome [with summary in English]. O.P.Tivikova. Vrach delo no.10 57-59 O '62.

HEART—FOREIGN BODIES

Extraction of sewing needles from the heart muscle. G.G.Shneider. Khirurgiia no.9,126-128 '62.

HEART—INFARCTION

Effect of papaverine and tiphen on the course of experimental myocardial infarct in dogs. A.F Ryzhova. Trudy Len.khim.-farm inst. no.13:197-202 '61.

Morphological changes in the myocardium in dogs with an experimentally induced infarct treated with novocaine. A.F.Ryzhova. Trudy Len.khim.-farm.inst. no.13 203-209 '61.

HEART—MUSCLE

Carbohydrate metabolism in the myocardium in cardiac arrest induced by various methods [with summary in English]. M.Hubka. Grud.khir. no.4:96-99 Jl-Ag '62.

Composition and carbohydrate-phosphorus metabolism of the heart muscle under medication sleep [with summary in English]. L.A.TSeitlin. Uch.zap.Inst.farm. i khimioter.AMN SSSR 2 187-211 '60.

Effect of papaverine on oxidative phosphorylation in the tissues of the heart muscle [with summary in English]. E.P.Chetverikova. Uch.zap.Inst.farm.i khimioter. AMN SSSR 2,212-222 '60.

HEART—RADIOGRAPHY

Electrokymography of the heart in healthy children. A.A. Namazova, I.Kh.Rabkin. Pediatriia no.8:61-66 '62

X-ray evaluation of the results of mitral commissurotomy. L.B.Krylov. Grud.khir. no.1 20-26 Jl-Ag '62.

HEART—SURGERY

Artificial circulation in surgery of the heart and large vessels. F.V.Balinzek and others. Grud.khir. no 1: 33-39 Jl-Ag '62.

Awakened heart. A.Chernia-Hovskii. Ogonek 40 no.22 10-11 My '62.

Characteristics of the EEG during "dry" heart surgery under hypothermia [with summary in English]. T.N. Promtova. Grud.khir. no.4:48-50 Jl-Ag '62.

Deep hypothermia in heart surgery [with summary in English]. S.A.Kolesnikov and others. Khirurgiia no.9:10-18 '62.

Heart massage as a method of controlling air embolism in the coronary vessels. V.S.Ryshkin. Khirurgiia no.9:58-62 '62.

Indications for the surgical treatment of a defect of the interauricular septum under hypothermia [with summary in English]. F.G.Uglov, S.S.Sokolov. Khirurgiia no.9 22-30 '62.

Plastic repair of a gunshot wound of the heart using a muscle flap from the diaphragm applied by B.V.Petrovskii's method. V.S.Antipenko. Khirurgiia no.9:125-126 '62.

Present-day problems in "dry" heart surgery; from materials of the sixth scientific session of the Institute of Cardiovascular Surgery of the Academy of Medical Sciences of the U.S.S.R. A.S.Rovnov and others Grud.khir. no.4:120-124 Jl-Ag '62.

State of blood coagulation and fibrinolysis in the diagnosis of thrombosis and hemorrhages in surgical interventions on the heart [with summary in English]. S.A. Kolesnikov, E.P.Stepanian. Grud.khir. no.4,39-43 Jl-Ag '62.

Stimulation of the central nervous system with megimide during heart surgery. S.M.Zol'nikov and others. Khirurgiia no.9:63-66 '62.

Surgery with artificial circulation in defects of the interventricular septum. L.N.Sidarenko. Khirurgiia no.9: 30-36 '62.

HEART—WOUNDS AND INJURIES

Case of a penetrating wound of the left ventricle of the heart in complete congenital absence of the pericardium. V.V.Goncharenko. Grud.khir. no.4:103-104 Jl-Ag '62.

Case of a repeated heart injury with a favorable outcome. A.N.Kartavenko. Khirurgiia no.9:124-125 '62.

Glass wound of the heart. B.I.Chulanov. Khirurgiia no.9:131-132 '62.

Simple method for exteriorating a heart wound from behind the sternum. V.P.Selivanov. Khirurgiia no.9: 134-135 '62.

Surgical treatment of wounds of the heart. V.S.Chudinov. Khirurgiia no.9:129 '62.

HEART FAILURE

Carbohydrate metabolism in the myocardium in cardiac arrest induced by various methods [with summary in English]. M.Hubka. Grud.khir. no.4:96-99 Jl-Ag '62.

Case of revival from a state of clinical death using heart massage. B.N.Rabinovich, V.L.Kassil'. Khirurgiia no.9:130 '62.

Causes and prevention of acute heart arrest [with summary in English]. V.I.Maslov. Khirurgiia no.9:67-72 '62.

HEAT—CONVECTION

Asymptotic behavior of the solution to a contact axially symmetric thermal convection problem with high values of the convective parameter. L.I.Rubinshtein. Dokl.AN SSSR 146 no.5:1043-1046 O '62.

HEAT—PHYSIOLOGICAL EFFECT

Secretion of pancreatic enzymes in response to different food stimuli under conditions of high environmental temperature [with summary in English]. IU.A. Shcherbakov. Vop.pit. 21 no.3 61-66 My-Je '62.

HEAT—TRANSMISSION

Akademiia nauk SSSR. Energeticheskii institut. [Heat transmission] Teploperedacha. Moskva, Izd-vo Akad nauk SSSR, 1962. 144 p.

Asnin, IA.I. [Thermal similarity, convective heat exchange and entropy] Teplovoe podobie, konvektivnyi teploobmen i entropiia. Khar'kov, Izd-vo Khar'kovskogo gos. univ., 1962. 112 p.

Effect of tubular electrodes on thermal processes in electric arc steel smelting furnaces. N.V Okorokov, L.I. Nikol'skii, A.V. Egorov. Izv.vys.ucheb.zav., chern. met. 5 no.9:105-110 '62

Heat balance in a recuperative, steel smelting, recirculation furnace. G.I.Demin, A.I.Pluzhnikov. Izv.vys. ucheb.zav.chern.met. 5 no.9:188-192 '62.

Heat emission during filmy condensation of stationary steam in a horizontal pipe. L.D.Berman, IU.A. Tumanov. Izv.vys.ucheb.zav., energ. 5 no.9:86-93 S '62.

Heat transfer from a layer of bulk material moving in longitudinal finned channels. Z.R.Gorbis, V.A Kalender'ian. Teploenergetika 9 no.11,84-86 N '62

Improved method of thermal calculation of evaporating systems. E.I.Taubman. Izv.vys.ucheb.zav., pishch. tekh. no.5:120-126 '62.

Investigating heat processes in the riser head of a killed steel ingot IA.M.Levitasov, A.A.Kavakov. Stal' 22 no.10:900-902 O '62.

Outflow of slag through the regenerator into a counterflow of gas. S.V.Shavrin, I.N.Zakharov, B.V Ipatov. Izv.vys.ucheb.zav.,chern.met 5 no.9 54-65 '62.

Specific features of unsteady heat exchange in stopes of deep mines. V.A.Bogoiavlenskii. Izv.vys.ucheb. zav., gor.zhur., no.9:85-91 '61.

Use of electric modeling on ohmic resistance grids for the investigation of heat distribution during welding and hard facing L.A Kozdoba, V.I. Makhnenko Avtom.svar 15 no.11 8-15 N '62

HEAT ENGINEERING

Results of some heat engineering investigations. V.D. Usufova. Trudy ENIN AN Azerb.SSR 15:189-194 '62.

HEAT ENGINES

Shifrin, D.M. [Heat engines] Teplovye dvigateli. Moskva, Mashgiz.

Pt.1. [Piston engines] Porshnevye dvigateli. 1962. 312 p.

HEAT EXCHANGERS

Critical thermal loads during surface boiling of water in circular canals. V.I.Tolubinskii, A.P.Ornatskii, V.K.Shcherbakov. Izv.vys.ucheb.zav., energ. 5 no.9:63-71 S '62.

Intensification of heat exchange by means of ultrasonic waves. P.N Kubanskii Teploenergetika 9 no.11 79-84 N '62.

Simplified method of checking calculations for the selection of surface heat exchangers for air conditioning systems. V.G.Smirnov. Sudostroenie 28 no.8 17-20 S '62.

HEAT OF EVAPORATION

Micromethod for measuring the heat of evaporation. V.E.Baranovskii. Ukr.khim.zhur. 28 no.3:326-328 '62.

HEAT OF VAPORIZATION

Mechanisms of evaporation, viscous flow of metals, and the structure of their condensates. G.M.Martynkevich. Izv.AN SSSR.Otd.tekh.nauk.Met.i topl. no.5:120-125 S-O '62.

HEAT OF WETTING

Sorption of water vapor by hydrophilic high polymers Part 8. Isotherms of sorption and of heat of wetting of polycaprolactam E.F.Nekrlach, Z.A Samchenko Ukr.khim.zhur 28 no 5 514-521 '62

HEAT PUMPS

Efficiency of using heat pumps for temperature equalization in mines. O.A.Bogaevskii. Ugol' 37 no.11: 51-52 N '62.

HEAT REGENERATORS

Recuperators mounted in a cupola furnace smoke stack. R.Khudzikevich, T.Kukula, S.Kubin'skii. Lit.proizv. no.10:20-21 O '62.

HEAT-RESISTANT ALLOYS

Failure of heat-resistant alloys under the effect of creep. P.T.Kolomytsev. Izv.AN SSSR.Otd.tekh.nauk.Met.i topl. no.5:128-134 S-O '62.

HEAT-RESISTANT ALLOYS—TESTING

Evaluating the resistance to thermal stress fatigue by the method of varying rigidity of loading. S.V. Serensen, P.I.Kotov. Zav.lab. 28 no.10 1233-1238 '62.

Investigating deformations and failure EI437B alloys during creep. IU.F.Balandin, Z.I.Kusnitsyna. Fiz. met.i metalloved. 14 no.4:618-624 O '62.

HEAT-RESISTANT ALLOYS—THERMAL PROPERTIES

Skliarov, N.M., ed. [Thermal stability of heat resistant alloys] Termostoikost' zharoprochnykh splavov, sbornik statei. Moskva, Oborongiz, 1962. 168 p.

HEATING—COSTS

Bogustavskii, L.D. [Economics of heating and ventilation systems] Ekonomika sistem otopleniia i ventiliatsii. Moskva, Izd-vo M-va kommun. khoz. RSFSR, 1962. 92 p.

HEATING FROM CENTRAL STATIONS

(see also subdivision under Moscow)

Concerning the power indices of planned heat and electric power plants. K.V. Bulgakov. Izv. LETI 57 no. 39 195-208 '59.

HEATING PIPES

Zelikson, N.M., and M.G. Shpeer. [Heat insulation of the piping of heat distribution networks] Teplovaia izoliatsiia truboprovodov teplovykh setei. Moskva, Gosenergoizdat, 1962. 127 p.

HEAVY ELECTRONS see Mesons

HELEIDAE see subdivision under Azerbaijan

HELICOPTERS

Helicopters in combat engineering reconnaissance. A. Demidov. Voen. vest. 12 no. 10 87-90 O '62.

Kondrat'ev, P.V. [Manual for the training of a helicopter pilot; sports flying] Posobie po podgotovke letchika vertoleta (sportivnoi aviatsii). Moskva, Izd-vo DOSAAF, 1962. 174 p.

HELICOPTERS—MODELS

Construct helicopter models. B. Borisov. Kryl. rod. 13 no. 9:25-26 S '62.

HELIOGRAPH

Solar magnetograph of the Pulkovo Observatory [with summary in English]. Part 2. L.M. Kotliar. Izv. GAO 22 no. 2 95-107 '61.

HELIUM

Effect of an external magnetic field on the light characteristics of a pulsed discharge in helium [with summary in English]. S.I. Andreev, M.P. Vaniukov, A.T. Starovoitov. Zhur. eksp. i teor. fiz. 43 no. 3:804-807 '62.

HELOMYZIDAE

New Palaearctic species of the family Helomyzidae (Diptera). K.B. Gorodkov. Trudy Zool. inst. 30:310-325 '62.

Survey of Palaearctic species of the genus Leria R.-D. (Diptera, Helomyzidae). K.B. Gorodkov. Ent. obozr. 41 no. 3:613-671 '62.

HELSINKI—YOUTH—CONGRESSES

The festival is terminated—the festival continues. Ilin. tekh. 7 no. 10:25-31 O '62.

HEMATOLOGY

Gol'dberg, D.I., and E.D. Gol'dberg. [Handbook of hematology with an atlas of microphotographs] Spravochnik po gematologii s atlasom mikrofotogramm. [Tomsk] Izd-vo Tomskogo univ., 1961. 121 p. illus. (DNLM)

HEMINGWAY, ERNEST, 1898-1961—HOMES AND HAUNTS

Where Hemingway lived. Aleksei Golikov. Ogonek 40 no. 43:18-19 O '62.

HEMOCHROMATOSIS

Essential pulmonary hemosiderosis as a cause of pulmonary hemorrhage. A.B. Galitskii, M.G. Revzis. Grud. khir. no. 1:111-113 Jl-Ag '62.

HEMOGLOBIN

Determining hemoglobin with a photoelectric colorimeter. V.A. Anikevich. Voen.-med. zhur. no. 9:74-75 S '61.

HEMOLYSIS AND HEMOLYSINS

Early diagnosis of toxicosis in fish by the erythrographic method. M.M. Telitchenko, M.F. Govorova. Vop. ikht. 2 no. 3:393-396 '62.

HEMOPHILIA

Clinical aspects of hemorrhagic thrombocythemia. L.I. Zhukovskii. Vrach. delo no. 10:141-142 O '62.

HEMOPOIETIC SYSTEM

Disorders of natural immunity in irradiated animals and ways for its natural stimulation. V.L. Troitskii. Vest. AMN SSSR 17 no. 5 29-38 '62.

Effect of desafferentation of the extremity on the blood system and the development of a focus of specific inflammation in the skin of dogs. E.L. Kan. K izuch. roli nerv. sist. v pat., immun. i loch. tub. no. 2:212-218 '61.

Hemopoiesis in dysfunctional uterine hemorrhage [with summary in English]. S.I. Riabov. Sov. med. 26 no. 8:126-131 Ag '62.

HEMOPOIETIN

Hemoculture method for the quantitative determination of hemopoietins [with summary in English]. M.G. Kakhetelidze. Biul. eksp. biol. i med. 53 no. 6:99-102 Je '62.

HEMORRHAGE

Essential pulmonary hemosiderosis as a cause of pulmonary hemorrhage. A.B. Galitskii, M.G. Revzis. Grud. khir. no. 4:111-113 Jl-Ag '62.

Hemorrhagic crises following chicken pox. V.N. Vertsner, N.S. Kisliak. Pediatriia no. 6:91-93 '62.

Intrapleural hemorrhages following radical pulmonary surgery [with summary in English]. V.R. Ermolaev. Grud. khir. no. 1:76-82 Jl-Ag '62.

Pulmonary hemorrhages in hypertension [with summary in English]. I.A.D. Bondarenko. Vrach. delo no. 10:10-14 O '62.

State of blood coagulation and fibrinolysis in the diagnosis of thrombosis and hemorrhages in surgical interventions on the heart [with summary in English]. S.A. Kolesnikov, E.P. Stepanian. Grud. khir. no. 1:30-13 Jl-Ag '62.

HEMORRHAGE, UTERINE

Dynamics of the neurovascular reactions according to colposcopy data in uterine hemorrhages of an inflammatory origin under the influence of Pyatigorsk radon waters. A.V. Emanuel'. Uch. zap. Pyat. gos. nauch.-issl. bal'n. inst. 3:365-374 '60.

Hemopoiesis in dysfunctional uterine hemorrhage [with summary in English]. S.I. Riabov. Sov. med. 26 no. 8:126-131 Ag '62.

HEMORRHAGIC FEVER

Electrocardiographic observations in hemorrhagic nephrosonephritis. R.Z. Amitina. Trudy Khab. med. inst. no. 20:75-80 '60.

Some functional studies of the kidneys in hemorrhagic nephrosonephritis. L.I. Vodianova. Trudy Khab. med. inst. no. 20,95-103 '60.

Some hemodynamic indices in hemorrhagic nephrosonephritis. R.Z. Amitina. Trudy Khab. med. inst. no. 20:81-85 '60.

Some metabolic shifts in Far East hemorrhagic fever with a renal syndrome. A.A. Konstantinov. Trudy Khab. med. inst. no. 20,86-94 '60.

HEMORRHAGIC SEPTICEMIA

Preparation of a vaccine against pasteurellosis in sheep and a test of its immunogenic properties. I.V. Vasil'chenko. Trudy NIVI 1 16-49 '60.

HEMP

(see also subdivision under Ukraine; White Russia)

Biological characteristics of hemp and farming practice. A.N. Kotobov. Trudy Vses. nauch.-issl. inst. lub. kul't. no. 24:22-36 '59.

Brief survey of works on the technology of bast fiber crops. A.Kh. Rumiantsev. Trudy Vses. nauch.-issl. inst. lub. kul't. no. 24,301-309 '59.

Developing rapid instrumental methods of the evaluation of hemp straw and retted stock. M.A. Timonin. Trudy Vses. nauch.-issl. inst. lub. kul't. no. 24:311-326 '59.

Effect of a short-day photoperiod on the morphological changes and secondary growth of hemp. V.A. Makarevich. Trudy Vses. nauch.-issl. inst. lub. kul't. no. 24 157-165 '59.

Effect of growing conditions on the quantity and quality of elementary fibers in hemp stems. A.V. Astakhova. Trudy Vses. nauch.-issl. inst. lub. kul't. no. 21:141-156 '59.

Effect of sowing methods on the change in quality of hemp stems, fibers and hemp products. B.V. Lasik. Trudy Vses. nauch.-issl. inst. lub. kul't. no. 24:287-299 '59.

[Growing hemp and processing retted hemp straw] Vyrashchivanie konopli i pererabotka tresty. Moskva, Izd-vo M-va sel'. khoz. RSFSR, 1962. 107 p. (DNAL)

Mechanization of preliminary processing of hemp on collective farms. V.I. Butanov. Trudy Vses. nauch.-issl. inst. lub. kul't. no. 24:271-285 '59.

Preceding crops for hemp. N.A. Krasheninnikov, P.T. Borisenko. Trudy Vses. nauch.-issl. inst. lub. kul't. no. 24:39-60 '59.

Results of scientific research work on the most important problems of hemp seed production. A.P. Domkin. Trudy Vses. nauch.-issl. inst. lub. kul't. no. 21:219-236 '59.

HEMP—FERTILIZERS AND MANURES

Change in the basic characteristics of soil and hemp yield as affected by fertilizers. N.G. Gorodnii. Trudy Vses. nauch.-issl. inst. lub. kul't. no. 24:109-121 '59.

Effect of fertilizers on the quality of hemp fiber. P.A. Gorshkov. Trudy Vses. nauch.-issl. inst. lub. kul't. no. 24:77-96 '59.

Row placement of superphosphate for hemp. M.D. Khanin. Trudy Vses. nauch.-issl. inst. lub. kul't. no. 24:97-108 '59.

Significance of root microflora in the nitrogen nutrition of hemp. K.P. Tulaikova. Trudy Vses. nauch.-issl. inst. lub. kul't. no. 24:123-139 '59.

HEMP—HARVESTING

Combines in hemp harvesting. G.I. Goncharov. Trudy Vses. nauch.-issl. inst. lub. kul't. no. 24:261-270 '59.

Hemp harvesting time. G.A. Riumina. Trudy Vses. nauch.-issl. inst. lub. kul't. no. 24:61-75 '59.

Results of work in the mechanization of hemp harvesting and threshing. S.N. Linshenko. Trudy Vses. nauch.-issl. inst. lub. kul't. no. 24:237-259 '59.

HEMP—VARIETIES

Hemp varieties developed by the Institute. G.I. Senchenko, E.S. Gurzhii. Trudy Vses. nauch.-issl. inst. lub. kul't. no. 24:167-182 '59.

HEMP BREEDING

Breeding monoecious hemp. A.I. Arinshtein, E.S. Gurzhii. Trudy Vses. nauch.-issl. inst. lub. kul't. no. 24:183-201 '59.

HEPARIN

Anticoagulation system of the blood in complications in hypertension [with summary in English]. K.G. Urbanidi. Vrach. delo no. 10 26-31 O '62.

HEPATITIS, INFECTIOUS

(see also subdivision under Bizhal District, Bulgaria)

Change in the protein fractions of the blood serum in chronic infectious hepatitis under the influence of compound treatment at Zheleznovodsk health resort [U.S. Vishnevskaia]. Uch. zap. Pyat. gos. nauch.-issl. bal'n. inst. 3:132-138 '60.

Libov, A.L. [Epidemic hepatitis; Botkin's disease] Epidemicheskii gepatit, bolezn' Botkina. Leningrad, Medgiz, 1962. 15 p. (Nauchno-populiarnaia meditsinskaia literatura) (DNLM)

Possible infection with infectious hepatitis through breast feeding. T.I. Fadeeva. Zhur. mikrobiol., epid. i immun. 33 no. 8:125 Ag '62.

State of the cardiovascular system in epidemic and parenteral hepatitis [with summary in English]. D.N. Zupnik. Vrach. delo no. 10:121-124 O '62.

HERAT, AFGHANISTAN—YOUTH

The youth of ancient Herat [with English summary in insert]. L. Alieva. Az. i Afr. seg. no. 10:34-35 O '62.

HERBICIDES

After effect of simazine and atrazine on the development of winter wheat [in Armenian with summary in Russian]. A.F. Khachelev. Izv. Glav. upr. sel'khoz. nauk i podgot. kad. Arm. SSR 5 no. 5 61-64 '62.

Chemicals for controlling the mistletoe. V.P. Batiuk, M.IA. Palienko. Les. khoz. 15 no. 6:65 Je '62.

Economic effectiveness of chemical weed control. A.A. Kozlov. Vest. sel'khoz. nauki [Kazakh.] 5 no. 5:37-41 Jl '62.

HERBICIDES—BIBLIOGRAPHY see Bibliography—Herbicides

HEREDITY

Effect of the heterozygotic nature of the maternal organism on the vitality of the progeny. D.K. Beliaev, V.I. Evsikov. Dokl. AN SSSR 146 no. 6:1414-1417 O '62.

HERPES ZOSTER

Herpes zoster. L.N. Mikhkelkeikson. Zdorov'e 8 no. 11:27 N '62.

HERRING see subdivision under Baltic Sea, Hokkaido Island, Sakhalin; White Sea

HERTZEN, ALEKSANDR IVANOVICH, 1812-1870

A conference devoted to A.I. Hertzen. IU.M. Nov. i noveish. ist. no. 4:193-194 '62.

HETEROCYCLIC COMPOUNDS

Infrared spectroscopy method for determining the number of methyl and methylene groups in organic compounds containing a heteroatom. B.V. Lopatin, I.P. Alekseev. Izv. AN SSSR. Ser. fiz. no. 10:1288-1290 O '62.

HETEROCYCLIC COMPOUNDS—OPTICAL PROPERTIES

Effect of the structure on the optical characteristics of derivatives of some five-membered heterocycles. L.M. Kutsyna and others. Izv. AN SSSR. Ser. fiz. no. 10.1304-1305 O '62.

HETEROPTERA see subdivision under Dzungarian Ala-Tau

HEXONIUM

Development of an experimental tuberculous focus in the skeletal muscle of the cat and the effect on it of a ganglioblocking substance. M.A. Simonovskii. K izuch. roli nerv. sist. v pat., immun. i lech. tub. no. 2:219-228 '61.

Vascular reactivity during the treatment with pirilen and hexonium of the cerebral forms of hypertension [with summary in English]. Z.N. Dracheva, E.P. Zagorovskii. Vrach. delo no. 10:43-48 O '62.

HEXYNE

Mechanism of hydrogenation of n. pentynes and n. hexynes on a skeletal nickel catalyst. L. Kh. Freidlin, IU. IU. Kaup. Izv. AN SSSR. Otd. khim. nauk no. 9:1660-1663 S '62.

HIBERNATION

Hibernation of bottom organisms in the ground of drained fishponds. N.D. Borodic. Vop. ikht. 2 no. 3:530-541 '62.

HIBERNATION, ARTIFICIAL see Artificial hibernation

HIDES AND SKINS
Effect of matching and feeding pregnant ewes on the quality of pelts in the progeny V N Pogodin. Vest. sel'khoz. nauki [Kazakh.] 5 no 10 65-71 O '62.

HIDES AND SKINS—PRESERVATION
TSiurik, V. F., and A. A. Shakhalin. [Preservation of raw leather and garment sheepskins] Konservirovanie kozhevennogo syr'ia i shubno-mekhovoi ovchiny. Moskva, Izd-vo TSentrosoiuza, 1961. 65 p. (Biblioteka zagotovitelia zhivotnovodcheskikh produktov i syr'ia)

HIDES AND SKINS—TESTING
Quality of the pelts of young Romanov breed sheep I. P. Kovnerev. Kozh.-obuv. prom. 4 no. 10 8-10 O '62.

HIGH MOLECULAR WEIGHT COMPOUNDS see Macromolecular compounds

HIGHER EDUCATION see Education, Higher

HIGHWAY DESIGN see Roads—Design

HILBERT SPACE
Boundary value problems for an equation in Hilbert space. S. G. Krein, G. I. Laptev. Dokl. AN SSSR 146 no. 3: 535-538 S '62.

HINDI LITERATURE—HISTORY AND CRITICISM
Classification of periods in the history of Hindi literature [with summary in English, p. 234-235] E P Chelyshev Nar Az i Afr. no 5 117-132 '62.

HIP—EXCISION see Excision of hip

HIP JOINT—DISEASES
Diagnosis of brucellous coxitis. L. I. Shushkovskii. Vest. khir. 89 no. 8 70-72 Ag '62.

HIP JOINT—DISLOCATION
Fixation of hip dislocation with avulsion of part of the head. A. S. Inamaliev, O. L. Ermushkevich. Vest. khir. 89 no. 8 73 Ag '62.

HIP JOINT—SURGERY
Histological examination of the hip joint following arthroplasty with skin grafting. V. G. Serebriakov. Vest. khir. 89 no. 8 68-70 Ag '62.

HIP JOINT—TUBERCULOSIS
Subtrochanteric osteotomy in tuberculous coxitis. R. Z. Faikhrutdinova. Sov. zdrav. Kir. no. 5 55-56 S-O '62.

HISTIDINE
Results of a study of the histidine and tyrosin in the urine, blood serum and leucocytes in schizophrenics. I. M Pipkin. Trudy Gos. nauch.-issl. inst. psikh. 27 156-161 '61

HISTOCHEMISTRY—EQUIPMENT AND SUPPLIES
Thermostat for histochemical reactions with small volumes of substrate media [with summary in English]. M. A. Presnov. Biul. eksp. biol. i med. 53 no. 6 102-104 Je '62.

HISTOLOGY—CONGRESSES
Vsesoiuznyi s'ezd anatomov, gistologov i embriologov. 6th, Kiev, 1958. [Transactions of the All-Union Congress of Anatomists, Histologists and Embryologists] Trudy. Khar'kov, M-vo zdravookhraneniia SSSR Vol. 1 1961. 943 p

HISTOLOGY—STUDY AND TEACHING
"Practical work in histology and embryology" by Z. S. Katsnel'son and L. D. Rikhter. Reviewed by P. A. Koval'skii. Nauch. dokl. vys. shkoly; biol. nauki no. 4 208-209 '62.

HISTORIC TREES see subdivision under Kirovo-Chepetsk District

HISTORICAL MATERIALISM see Dialectical materialism

HISTORICAL MUSEUMS see subdivision under Borodino, Frunze, Kiev, Lvov Province

HISTORICAL RESEARCH
(see also subdivision under Kabardino-Balkar A. S. S. R ; Moscow; Ryazan Province, Turkmenistan; White Russia; Yakutia)
A coordinating conference on the history of the international labor and national liberation movement. V. L. Mal'kov. Nov. i noveish. ist. no. 5:174-176 '62.
Defense of doctoral dissertations. Nov. i noveish. ist. no. 5:185-187 '62.

HISTORIOGRAPHY
Saratov. Universitet. [A collection of historiographical studies] Istoriograficheskii sbornik. [Saratov] Izd-vo Saratovskogo univ., 1962. 170 p.

HISTORY
Brief notes. Vop. ist. no. 10:205-206 O '62.
Labriola, Antonio. [Essays on the materialistic concept of history] Ocherki materialisticheskogo ponimaniia istorii. Moskva, Gos. izd-vo polit. lit-ry, 1960. 198 p. (Biblioteka po nauchnomu sotsializmu, no. 25) (NNC)

HISTORY—BIBLIOGRAPHY see Bibliography—History

HISTORY—PHILOSOPHY
Historians and their time. B. A. Kamenetskii. Vop. ist. no. 10, 189-190 O '62.

HISTORY—SOURCES
Consistent application of the "visual principle" in lectures on the sources of history. V. A. IAkubskii. Nov. i noveish. ist. no. 5:98-101 '62.
Some problems concerning the study of historical sources. S. O. Shmidt. Nov i noveish ist. no. 4.112-119 '62.
Some theoretical problems in studying the sources of history. S. M. Kashtanov, A. A. Kurnosov. Ist. arkh. 8 no. 4 172-195 Jl-Ag '62.

HISTORY—STUDY AND TEACHING
We should improve the education of Soviet historians. N A Smirnov. Vop. ist. no. 10:207-208 O '62.

HISTORY, ANCIENT—BIBLIOGRAPHY see Bibliography—History, Ancient

HISTORY, ANCIENT—STUDY AND TEACHING
The study of ancient history and classical philology in Moscow University from 1850 to 1880. I. V. Pozdeeva. Vest. drev. ist. no. 3 3-23 '62.

HISTORY, MODERN
Basic problems facing the students of the international labor and national liberation movement [with summary in English, p. 188]. B. N. Ponomarev. Nov. i noveish. ist. no. 5:3-8 '62.
A coordinating conference on the history of the international labor and national liberation movement. Vop. ist. no. 10:109-112 O '62.
Discussing the division of recent history into successive periods. V. Dmitriev. Nov. i noveish. ist. no. 5:181-184 '62.
Some problems in the recent history of the West in volume 8 of "World history," A. S. Beilis, R. M. Brodskii, T. G. Soltanovskii. Nov. i noveish. ist. no. 4:149-152 '62.

HISTORY, MODERN—BIBLIOGRAPHY see Bibliography—History, Modern

HISTORY, MODERN—PERIODICALS
Articles on modern and recent history in "Journal of Modern History," an American bourgeois periodical. I. I. Cherkasov. Nov. i noveish. ist. no. 5:125-131 '62.

HOCKEY
Spartak trio. V. Frolov. Smena 39 no. 21:30-31 N '62.

HODOVANETS, MYKYTA PAVLOVICH, 1893-
Fables by Mykyta Hodovanets. IUrii Petrov. Sov. Ukr. no. 8:179-181 S '62.

HOG CHOLERA
Induced mutation of the hog cholera virus [in Armenian with summary in Russian]. V. G. Airapetian, A. B. Khachatrian Izv. Glav. upr. sel'khoz. nauk i podgot. kad. Arm SSR 5 no 5 79-88 '62.

HOISTING MACHINERY
Clamp for wall blocks and columns. M. A. Volodin, I. M. Maniuta. Mont. i spets. rab. v stroi. 24 no. 10. 22 O '62.
Komarov, M. S. [Dynamics of load-lifting machines] Dinamika gruzopod"emnykh mashin. Izd. 2., perer. i dop. Moskva, Mashgiz, 1962. 264 p.

HOISTING MACHINERY—ABSTRACTS
[Hoisting and conveying machinery and structures] Ref. zhur. Otd. vyp. 39: Pod.-transp. mash. i soor. nos. 21-22 N '62.

HOKKAIDO ISLAND—HERRING
Origin of the two concentration areas of the Sakhalin-Hokkaido herring fry. V. A. Sokolov. Vop. ikht. 2 no. 3:473-479 '62.

HOLIDAYS see subdivision under Novograd-Volynsk District

HOLLAND see Netherlands

HOLOTRICHIDA
Nuclear reorganization of the endomixis type in clones of Cyclidium glaucoma O. F. M. (Holotricha, Pleuronematidae) A. V. IAnkovskii. Nauch. dokl. vys. shkoly, biol. nauki no. 4:14-19 '62.

HOME AND SCHOOL
Class adviser and parents. R. Mukhmutov. Shkola-int. no. 5:57-60 S-O '62.
Happiness of a teacher. B. Panasiuk. Semia i shkola 17 no. 10:28-30 O '62.
If you want to help do it intelligently! T. Bol'shakova. Semia i shkola 17 no. 10:6-9 O '62.
When there are no indifferent children in a group. V. Morshchagin. Shkola-int. no. 5:37-39 S-O '62.

HOME ECONOMICS
Useful advice. Rab i sial. 38 no. 10:23 O '62.

HOME EDUCATION see Correspondence schools and courses

HOME OWNERSHIP
The loss of property rights to residential buildings. A. Eroshenko, A. Kabalkin. Sov. iust. no. 20, 12-14 O '62.

HOMOGENIZATION
Use of homogenizers for size preparation. I. V. Bykova. Nauch.-issl. trudy IvNIIT 25:95-112 '61.

HONEY
IAnbukhtina, L. Kh. [Honey] Med. Ufa, Bashkirskoe knizhnoe izd-vo, 1961. 15 p.

HOPKINS, HARRY LLOYD, 1890-1946
Sherwood, R. E. [Roosevelt and Hopkins; an intimate history. Translated from the English] Ruzvel't i Gopkins; glazami ochevidtsa. Red. V. N. Pavlov. Vstup. stat'ia IU. V. Borisova, Moskva, Izd-vo inostr. lit-ry, 1958. 2v.
(MiD)

HOPS see subdivision under Chuvashia

HOPS—DRYING
Controlling temperature conditions in hop drying. I. H. Reitman. Visnyk sil'hosp. nauky 5 no. 9:95-97 S '62.

HORMONES
Spectrophotometric and fluorimetric determination of corticosteroid hormones. E. A Stinkish, IA. IA. Popens, IA. A Eidus. Izv. AN SSSR. Ser. fiz. no 10 1311-1313 O '62.

HORNBLENDE
Diagram for determining femic minerals of hornblendes in rocks of granulite facies. B. G. Lutts. Zap. Vses. min. ob-va 91 no. 3:331-334 '62.

HORNTAILS see subdivision under Ukraine

HORSE MEAT see subdivision under Kazakhstan

HORSEFLIES see subdivision under Crimea, White Russia

HORSES see subdivision under Mongolia

HORSES—DISEASES AND PESTS
Case of mass poisoning of horses from the marsh horsetail V. S Khoteev, F. K Chevguz. Trudy NIVI 1,260-263 '60.
Character of the infestation of agricultural animals by black flies (family Simuliidae). G. F Dem'ianchenko. Trudy NIVI 1 105-109 '60.

HORSES—PHYSIOLOGY
Distribution of analyzed and added amino acids between the erythrocytes and blood plasma of healthy horses V. I. Savchuk. Trudy NIVI 1,261-267 '60

HORSETAIL
Action of field horsetail on the cardiovascular system. V. I. Khutina. Trudy Khab. med. inst. no. 20:219-223 '60.

HORSETAIL—TOXICOLOGY
Case of mass poisoning of horses from the marsh horsetail. V. S Khoteev, F. K. Chevguz. Trudy NIVI 1:260-263 '60

HOSPITAL CARE see subdivision under Great Britain; United States

HOSPITALS—ADMINISTRATION
"Administrative, financial and economic problems in the work of therapeutic institutions," Reviewed by M. A. Rogovoi. Zdrav. Ros. Feder. 6 no. 9:34-36 S '62.
Organization of work in the consolidated polyclinic. M S Ambartsumian, A. T. Arutiunian. Sov. zdrav 21 no. 10:68-72 '62.
Simplified method for calculating bed-days. V. I. Liudogovskaia. Zdrav. Ros. Feder. 6 no. 9:30 S '62.

HOSPITALS—COMMUNICATIONS SYSTEMS
Status of and prospects for the use of means of communication, signaling and telemetry in therapeutic processes R A. Kapitanov Sov. zdrav. 21 no. 10 52-58 '62.

HOSPITALS—FINANCE
"Administrative, financial and economic problems in the work of therapeutic institutions." Reviewed by M. A. Rogovoi. Zdrav. Ros. Feder. 6 no. 9:34-36 S '62.

HOSPITALS—HYGIENE
Possible sources of the bacterial contamination of wounds under the conditions of a therapeutic institution. Voen.-med. zhur. no. 9:78-79 S '61.

HOSPITALS—STAFF see subdivision under Great Britain

HOSPITALS, GYNECOLOGIC AND OBSTETRIC
Standard designs for obstetrics buildings for rural hospitals. N. E. Granat, L. O. Chernisk. Sov. zdrav. 21 no. 10:72-77 '62.

HOSPITALS, INSANE see Psychiatric hospitals

HOSPITALS, MILITARY
Shock workers of communist labor are the best hospital workers. A. V. Veropai. Voen.-med zhur. no. 9:12-15 S '61.

HOT-WATER HEATING—REGULATORS
Room temperature controller. O. Liakhov. Zhil.-kom. khoz. 12 no. 3:16 Mr '62.

HOTELS, TAVERNS, ETC.
Frank conversation. M. IArtsev and others. Zhil.-kom. khoz. 12 no. 3:28-29 Mr '62.

HOUSE CLEANING
If you have just moved in. Zhil.-kom. khoz. 12 no. 3:32 Mr '62.

HOUSING
(see also subdivision under Leningrad)
Toward the solution of the housing problem in the U.S.S.R. A. A. Levskii. Ist. SSSR 6 no. 4:3-25 Jl-Ag '62.

HOUSING—LAW AND LEGISLATION
Current problems concerning the possession and use of residential buildings I. Urnkov. Sots. zakon. 39 no. 11 33-36 N '62
New laws and regulations Sots. zakon. 39 no. 8:80-81 Ag '62.
Potlukov, A.G. [Judicial practice in the examination of housing conflicts] Zhilishchnye spory v sudebnoi praktike. [Leningrad] Izd-vo Leningr. univ., 1962. 81 p
Some problems of Soviet housing law. I Maritkovich Sots zakon 39 no 11 49-51 N '62
Some suggestions of field workers. V. Budrin. Sots. zakon. 39 no 11 52-53 N '62

HOUSING, COOPERATIVE
There will be more new tenants. P. Zhuk. Sov. profsoiuzy 18 no. 20:15-16 O '62.

HOUSING DEPARTMENT see subdivision under Moscow

HOUSING MANAGEMENT
(see also subdivision under Irbit)
Enormous force; editor's mail. Zhil.-kom. khoz. 12 no. 3:8-10 Mr '62.
Isarov, G.Z. [Handbook for the technician in charge of buildings under the housing administration and the housing operation office] Pamiatka tekhnika-smotritelia zdanii domoupravlenita i zhilishchno-ekspluatatsionnoi kontory. Moskva, Izd-vo M-va Kommun. khoz. RSFSR, 1962. 58 p

HOUSING RESEARCH see subdivision under Moscow

HUGO, VICTOR MARIE, 1802-1885
Murav'eva, N.I. [Hugo] Gugo. Moskva, Molodaia gvardiia, 1961. 382 p. illus. (Zhizn' zamechatel'nykh liudei. Seriia biografii, no. 14[328])
Treskunov, M.S. [Victor Hugo; a study on his works] Viktor Gugo; ocherk tvorchestva Izd.2., dop. Moskva, Goslitizdat, 1961. 474 p.
(MH)

HUGUENOTS see subdivision under Toulouse, France

HULLS (NAVAL ARCHITECTURE)
Papkovich, P.F. [Works on the structural mechanics of a ship, in four volumes] Trudy po stroitel'noi mekhanike korablia, v 4 tomakh. Pod obshchei red V.V. Ekimova. Leningrad, Sudpromgiz.
Vol. 3. [Compound flexure of rods and the flexure of plates] Slozhnyi izgib sterzhnei i izgib plastin. 1962. 520 p.
Strakhov, A.P. [Principles of theoretical shipbuilding and the structural arrangement of ships for inland navigation] Osnovy teorii i ustroistva sudov vnutrennego plavaniia. Izd.2., ispr. i dop. Moskva, Izd-vo "Rechnoi transport," 1962. 224 p.

HUMAN ENGINEERING
Dynamics of living organisms in IA.I. Grdina's works. B.N. Fradlin. Prykl. mekh. 8 no. 6:581-591 '62.
Sidorov, O.A. [Human physiological factors determining the arrangement of a machine control board] Fiziologicheskie faktory cheloveka, opredeliaiushchie komponovku posta upravleniia mashinoi. Moskva, Oborongiz, 1962. 362 p.

HUMAN GENETICS
Principal achievements and immediate tasks of medical genetics. V.P. Efroimson. Vest. AMN SSSR 17 no. 7: 74-82 '62.

HUMANISM
Discussion on humanism in literature. Rad. lit. 6 no. 4:154-155 Jl-Ag '62.
Reflections on the history of the cultural and scientific development of mankind. N.I. Konrad. Nar. Az. i Afr. no. 5:111-116 '62.

HUMBOLDT, ALEXANDER, 1769-1859
Humboldt, Alexander, Freiherr von. [Alexander Humboldt's correspondence with Russian scientists and statesmen] Perepiska Aleksandra Gumbol'dta s uchenymi i gosudarstvennymi deiateliami Rossii. Moskva, Izd-vo Akad. nauk SSSR, 1962. 222 p.

HUMERUS—FRACTURE
Rotational displacements in supracondylar fractures of the humerus [with summary in English]. N.I. Gurgenidze, E.D. Amirbegova. Vest. khir. 89 no. 9:16-20 Ag '62.

HUMIDITY
Significance of heat and cold advection in the formation of natural zones. S.I. Zhakov. Vest. Mosk. un. Ser. 5, Geog. 17 no. 5 29-31 S-O '62.

HUMUS
Iron-humus complexes and their role in the nutrition of plants [with summary in English] K.V. D'iakonova Pochvovedenie no. 7:19-25 Jl '62.
Resistance of river water humus to destructive oxidation. M.A. Shevchenko, G.B. Barashenkov, R.S. Kastiancluk. Ukr. khim. zhur. 28 no. 6:732-737 '62.
Seasonal changes in the properties of aqueous humus. M.A. Shevchenko, G.B. Barashenkov, V.P. Chupova. Ukr. khim. zhur. 28 no. 3:403-409 '62.
Sokolov, D.F. [Effect of forest vegetation on the composition of humus in soils of various natural zones] Vliianie lesnoi rastitel'nosti na sostav gumusa pochv razlichnykh prirodnykh zon. Moskva, Izd-vo Akad. nauk SSSR, 1962. 182 p.
(DNAL)

HUNGARY—ALTAIC STUDIES
Academician Lajos Ligeti and the development of Altaic studies in Hungary G.D. Sanzheev. Nar. Az. i Afr. no. 5:155-158 '62.

HUNGARY—CHURCH AND STATE
Church and Government in People's Hungary Sandor Orban. Nauka i rel. no. 5:65-67 My '62.

HUNGARY—CRIMINAL PROCEDURE
New criminal procedure code of the Hungarian People's Republic. S. Gordeev, IA. Grobovenko. Sots. zakon. 32 no. 11:54-57 N '62.

HUNGARY—ECONOMIC CONDITIONS
The Hungarian people are building socialism; on the 14th anniversary of the establishment of the Hungarian Republic. Blok. agit. [Bol.] no. 3.43-47 Ja '60.

HUNGARY—ECONOMIC POLICY
Magyar Tudomanyos Akademia, Budapest. Kozgazdasagtudomanyi Intezet. [Materials on economic problems from the 1960 session of the Hungarian Academy of Sciences] Materialy po ekonomicheskim voprosam sessii Vengerskoi Akademii nauk 1960 goda Budapest, In-t ekonomiki VAN, 1960. 122 p.
(MdBJ)

HUNGARY—FOREIGN ECONOMIC RELATIONS—INDIA
Indians and Hungarians. Andras Sugar. Az. i Afr. segs. no. 10:54 O '62.

HUNGARY—FOREIGN RELATIONS
Hungary and the Tripartite Treaty of 1934. E.M. Kan. Nov. i noveish. ist. no. 4:177 '62.

HUNGARY—MEDICINE
Medical science in Hungary. I. Rusnak. Vest. AMN SSSR 17 no. 7:83-87 '62.

HUNGARY—MOTION PICTURES
Production and demonstration of motion pictures in Hungary. I. Kondor. Tekh. kino i telev. 6 no. 9:73-77 S '62.

HUNGARY—RADIO IN SPORTS
Report from the soccer field. Gyorgy Szepesy. Sov. rad. i tel. 6 no. 6:34-36 '62.

HUNGARY—TECHNICIANS IN INDUSTRY
The new wage system for engineering and technical workers and employees in Hungary. K. Gorfan. Biul. nauch. inform.: trud i zar. plata 5 no. 9:40-43 '62.

HUNGARY—UKRAINIANS
Perenyi, Jozsef. [From the history of Transcarpathian Ukrainians, 1849-1915] Iz istorii zakarpatskikh ukraintsev, 1849-1914. Budapest, Akademiai Kiado, 1957. 169 p. (Studia historica Academiae Scientiarum Hungaricae, no. 14) [Summaries in German and French
(MIU)

HUNGARY—UPRISING OF 1848-1849
Russian progressive officers' and soldiers' sympathy for the Hungarian Revolution of 1848-1849. Submitted by V.G. Verzhbitskii. Ist. arkh. 6 no. 4:121-133 Jl-Ag '62.

HUNGARY—WAGE PAYMENT SYSTEMS
The new wage system for engineering and technical workers and employees in Hungary. K. Gorfan. Biul. nauch. inform.: trud i zar. plata 5 no. 9:40-43 '62.

HUNGARY—WORLD WAR, 1939-1945—DIPLOMATIC HISTORY
History of the foreign policy of Admiral Horthy's Government in Hungary during the Second World War [with summary in English, p. 188]. A.I. Pushkash. Nov. i noveish. ist. no. 5:41-56 '62.
Hungarian foreign policy in the early phase of the Second World War. E.M. Kan. Nov. i noveish. ist. no. 5:165 '62.

HUNS see subdivision under Asia, Central

HUNTING
(see also subdivision under Ivory Coast)
Lepikhin, A.V. [Sport hunting, handbook based on the practice of the Army Hunting Society] Sportivnoe okhotnich'e khoziaistvo; spravochnoe posobie iz opyta Voenno-okhotnich'ego obshchestva. Pod red P.A. Manteifelia Moskva, Voen. izd-vo, 1959 143 p
(WU)

HUYGENS, CHRISTIAAN, 1629-1695
Frankfurt, U.I., and A.M. Frenk. [Christiaan Huygens, 1629-1695] Khristian Giugens, 1629-1695. Moskva, Izd-vo Akad. nauk SSSR, 1962. 325 p. (Akademiia nauk SSSR. Nauchno-biograficheskaia seriia)

HYALURONIDASE
Nature of testicular hyaluronidase inhibitors in some biological fluids of the body [with summary in English] G.M. Belen'kaia, A.I. Gladshtein Zhur. mikrobiol., epid. i immun 33 no. 8 42-46 Ag '62.

HYBRIDIZATION, VEGETABLE
Effect of gibberellin on the combining ability of distant forms of plants. N.P. Chuvashina. Trudy TSGL 7: 183-189 '61.
Leaf structure in interspecific periclinal chimeras in poplars. A.E. Vasil'ev. Dokl. AN SSSR 148 no. 3:710-713 S '62.
Problem of the nature of relations within individual families in plant hybrids [with summary in English]. IA.S. Aizenshtat, Z.A. Zhukova. Bot. zhur. 47 no. 8: 1126-1140 Ag '62.

HYDRAULIC CONVEYING
(see also subdivision under Krivoy Rog Basin)
Experimental studies of formations of vortexes during the flowing of cylindrical and rectangular vessels in canals and pipes. G.T. Shapoval Izv. vys. ucheb. zav., gor. zhur. 5 no. 8:112-118 '62.
Operating conditions in transporting pulp by pipe in ore-dressing plants. T.I. Mol'nikov. Izv. vys. ucheb. zav., gor. zhur. no. 9:163-172 '61.
Regulation of the parameters of the working process of the loading apparatus for high pressure hydraulic conveying E.M. Shparberg Ugol' Ukr. 6 no. 10 28-30 O '62
Separation of a gravel and sand mixture in hydraulically mechanized unloading. F.I. Lialin. Rech. transp. 21 no. 10:15-16 O '62.

HYDRAULIC CONVEYING—ELECTRIC DRIVING
Power consumption by sugar beet pumps and selection of their electric motors. N.R. Frepon. Sakh. prom. 36 no. 10:43-48 O '62.

HYDRAULIC ENGINEERING
Reservoirs of the U.S.S.R. and the prospects for their construction. A.B. Avakian and others. Vop. geog. no. 57:58-77 '62.

HYDRAULIC ENGINEERING—EQUIPMENT AND SUPPLIES
The party should control the quality of produced goods. V. Shakhdinarov. Part. zhizn' no. 21:47-50 N '62.

HYDRAULIC ENGINES
Design of the centering fastening of a hydraulic engine. E.M. Petrov, E.D. Kheifets, I.S. Shugol'. Vest. mashinostr. 42 no. 10:85 O '62.

HYDRAULIC LABORATORIES
"Storm basin" for hydrophysical research. L.A. Korneva. Vest. AN SSSR 32 no. 10:65-67 O '62.

HYDRAULIC MACHINERY
Increasing the efficiency of preventive water infusion in coal seams in mines. G.E. Panov. Ugol' 37 no. 11: 48-51 N '62.

HYDRAULIC MACHINERY—VIBRATION
Vibration and cavitation in hydraulic machines. S.B. Stopskii. Vest. mashinostr. 42 no. 10:20-23 O '62.

HYDRAULIC MINING
(see also subdivision under Donets Basin)
Justification of the use of hydraulic machinery in coal mines. IU.G. Avlasenko. Ugol' Ukr. 6 no. 10.25-28 O '62.
Kodentsov, A.IA., and A.S. Tereshchenko, comps. [Manual for the worker in a hydraulic section] Posobie dlia rabochego gidrouchastka Moskva, Gosgortekhizdat, 1961. 41 p.
New means of analyzing coal production in hydraulic mining. A.S. Emel'ianov. Izv. vys. ucheb. zav.; gor. zhur. no. 10:104-112 '61.
"Processing mineral placer deposits" by K.V. Solomin. Reviewed by I.N. Isaev. Gor. zhur. no. 10:78-79 O '62.
Response to P.Z. Zvigin and L.L. Maizel's article "Economic efficiency of the hydraulic system of underground mining." A.A. Surnachev and others. Ugol' 37 no. 11:54-56 N '62.

HYDRAULIC MINING—EQUIPMENT AND SUPPLIES
Efficient type of washer for use in working placer deposits with bulldozers and scrapers. E.I. Bogdanov Gor. zhur. no. 11:70-74 N '62.

HYDRAULIC MINING—LABOR PRODUCTIVITY

Staff structure in hydraulic mines. P.I. Protsal, S.R. Egorova. Izv.vys.ucheb.zav., gor.zhur., no.10:113-117 '61.

HYDRAULIC PRESSES

Borovskikh, A.A., and A.G. Shchukin. [Operator of a hydraulic press] Mashinist gidravlicheskogo pressa. Moskva, Mashgiz, 1962. 111 p.

HYDRAULIC SERVOMECHANISMS

Water system for the regulation of the K-150-130 turbine developed by the Kharkov Turbo-Generator Plant. V.N. Veller and others. Teploenergetika 9 no.11 10-17 N '62.

HYDRAULIC STRUCTURES see subdivision under Amur River

HYDRAULIC STRUCTURES—STANDARDS

"Hydraulic structures for rivers. Basic aspects of design." Biul.stroi.tekh. 19 no.9 5-6 S '62.

HYDRAULIC TRANSMISSION see Oil hydraulic machinery

HYDRAULIC TURBINES

Calculating stresses and deformations of tight flanged joints of annular parts of hydraulic turbines. A.U. Bugov. Probl.prochn.v mashinostr., no.9:73-96 '62.

Laboratory studies of the conversion of vertical hydrogenerators to operation as synchronous compensators. Kh.A. Vel'ner, L.L. Paal'. Izv.vys.ucheb.zav., energ. 5 no.9:108-115 S '62.

HYDRAULIC TURBINES—MODELS

Vibration strength of welded hydraulic turbine shafts determined by modeling. A.V. Dabagian and others. Avtom.svar. 15 no.11 37-43 N '62

HYDRAZIDES

Structure and reactivity of hydrazine derivatives. Part 3. Kinetics of the reaction between ortho-derivatives of benzohydrazide and benzoyl chloride in a benzene solution. A.P. Grekov, M.S. Marakhova. Ukr.khim.zhur. 28 no.5:632-637 '62

HYDROCARBONS

(see also subdivision under Berezovo region)

Analysis of light petroleum hydrocarbons by means of gas-liquid chromatography. F.N. Mazitova, R.A. Virobiants, S.K. Ermakova. Izv.AN SSSR Otd.khim.nauk no.9:1546-1550 S '62.

Concentration of ions accumulated in saturated hydrocarbons irradiated at low temperature. E.L. Frankevich, B.S. IAkovlev. Izv.AN SSSR, Otd.khim.nauk no.9:1698 S '62.

Dehydrogenation kinetics of alkylaromatic hydrocarbons as dependent on their structure. O.K. Bogdanova, A.A. Balandin, I.P. Belomestnykh. Dokl.AN SSSR 146 no.6:1327-1330 O '62.

Destructive hydrogenation of binary mixtures of hydrocarbons. Report No.1. A.A. Kiichko, L.S. Sovetova. Trudy IGI 17,278-286 '62.

Determination of hydrocarbons, carbon dioxide and monoxide in krypton-xenon mixture. M.P. Korsh. Zav.lab. 28 no.10:1191-1192 '62.

Effect of the structure of hydrocarbons on their dehydrogenation kinetics. L.P. Belomestnykh, O.K. Bogdanova, A.A. Balandin. Neftekhimiia 2 no.4:467-472 Jl-Ag '62

Investigation of the composition of products of catalytic transformations of hydrocarbons based on Raman spectra. Kh.E. Sterin, V.T. Aleksanian. Izv.AN SSSR Ser.fiz. no.10:1319-1320 O '62

Isotopic exchange of hydrogen between hydrocarbons catalyzed by alcoholates in electron-donor solvents. A.I. Shatenshtein, E.A. IAkovleva. Dokl.AN SSSR 146 no.5:1109-1112 O '62.

Kinetic methods for calculating the dehydrogenation processes of hydrocarbons. G.M. Panchenko, I.M. Kolesnikov. Neftekhimiia 2 no.4:480-486 Jl-Ag '62.

Production of aromatic hydrocarbons from pyrolysis tar of hydrocarbon gases by hydrogenation. A.B. Vol'-Epshtein and others. Trudy IGI 17:260-277 '62.

Using oxidized high-hydrogenated petroleum fractions of isostructural hydrocarbons (oxidate) for fat-liquoring of hides. F.F. Makarov. Biul.tekh.-ekon.inform. Gos.nauch.-issl.inst.nauch.i tekh.inform. no.10:50-52 '62.

HYDROCARBONS—SPECTRA

Infrared absorption spectra of hydrocarbons of the indan series. M.V. Shishkina, M.M. Kusakov, N.E. TSytovich. Izv.AN SSSR Ser.fiz. no.10:1260-1263 O '62.

Raman spectra of some C_{20} - C_{24} diaryl hydrocarbons and their hydrogenation products. A.N. Kislinskii, Al.A. Petrov. Izv.AN SSSR, Ser.fiz. no.10:1269-1272 O '62.

Study of the structure of monocyclic hydrocarbons based on absorption spectra. M.M. Kusakov and others. Izv.AN SSSR Ser.fiz. no.10:1257-1260 O '62.

Ultraviolet absorption spectra of aromatic hydrocarbons. M.M. Kusakov and others. Izv.AN SSSR, Ser.fiz no.10:1249-1252 O '62.

HYDROCHLORIC ACID

Contribution to the theory of nucleophilic reactions. Part 8. Addition of hydrogen chloride to acetylene derivatives in methyl alcohol. G.F. Dvorko, E.A. Shilov. Ukr.khim.zhur. 28 no.5:626-632 '62

Formation reactions of alkyl (aryl) chlorosilanes in the direct interaction of alkyl (aryl) chlorides with silicon. Report No.12. Effect of hydrogen chloride on the formation of ethylchlorosilanes. K.A. Andrianov and others. Izv.AN SSSR Otd.khim.nauk no.10:1788-1794 O '62

Using various concentrations of hydrochloric acid in field studies of carbonate rocks. S.N. Kudrin. Razved.i okh.nedr 28 no.5:47-50 My '62

HYDROCYANIC ACID

Direct cyanation of ferrocene derivatives. A.N. Nesmeianov and others. Izv.AN SSSR Otd.khim.nauk no.10:1772-1777 O '62

HYDRODYNAMICS

Problem of the flow of an ideal incompressible fluid across a given region. V.I. Il'dovich. Dokl.AN SSSR 146 no.3:561-564 S '62.

Use of the method of potentials in solving a system of Oseen's equations describing a steady flow of a viscous incompressible fluid past a plane contour. Part 2. O.I. Panich. Izv.vys.ucheb.zav., mat. no.4:118-121 '62.

HYDROELECTRIC POWER STATIONS

(see also subdivision under Kiev-Konsomol; Kirghizistan, Yugoslavia; see also Bukhtarma Hydroelectric Power Station, Narek Hydroelectric Power Station)

Beacon light of courage. V. Ponomarev. Ogonek 10 no.13:4-5 O '62.

Conducting an excursion to a rural hydroelectric power station. I.D. Kolesnikov. Fiz.v shkole 22 no.1:91 Jl-Ag '62.

Effect of the errors of hydrologic forecasts on the performance of a hydroelectric power station in a consolidated electric utility system. S.M. Musaelian. Izv.vys.ucheb.zav., energ. 5 no.9:103-107 S '62.

Laboratory studies of the conversion of vertical hydrogenerators to operation as synchronous compensators. Kh.A. Vel'ner, L.L. Paal'. Izv.vys.ucheb.zav., energ. 5 no.9:108-115 S '62.

HYDROELECTRIC POWER STATIONS—EQUIPMENT AND SUPPLIES

What type of units should be selected for the development of our power stations? IU.N. Flaksерman. Teploenergetika 9 no.11 37-40 N '62.

HYDROGEN

Blokhintseva, T.D., and others. [Interaction between π^--mesons and hydrogen at an energy of 340 Mev.] Vzaimodeistvie π^--mezonov s vodorodom pri energii 340 Mev. Dubna, Ob"edinennyi in-t iadernykh issl., 1962. 27 p.

Catalytic pyrolysis of pulverized fuels under hydrogen pressure. E.I. Kazakov, P.N. Melent'ev. Trudy IGI 17,13-46 '62.

Measurement of differential capacity on mercury during the catalytic evolution of hydrogen. D.I. Dzhaparidze, G.A. Tetoradze. Izv.AN SSSR, Otd.khim.nauk no.10 1718-1722 O '62

Overvoltage of hydrogen evolution on mercury in a ripple current. G.G. Vrosek, O.K. Kudra. Ukr.khim.zhur. 28 no.5:604-610 '62.

Shaft-type resistance furnace for heating hydrogen. A.M. TSirlin, B.D. Voronin, G.IA. Khodov. Biul.tekh.-ekon.inform. Gos.nauch.-issl.inst.nauch.i tekh.inform. no.10:28-30 '62.

Stationary distribution of hydrogen atoms in the solar atmosphere according to states [with summary in English]. V.M. Sobolev. Izv.GAO 22 no.2:52-55 '61.

HYDROGEN—ISOTOPES

Acidic properties of some monomers. A.I. Shatenshtein and others. Neftekhimiia 2 no.4:507-511 Jl-Ag '62.

Isotopic exchange of hydrogen between hydrocarbons catalyzed by alcoholates in electron-donor solvents. A.I. Shatenshtein, E.A. IAkovleva. Dokl.AN SSSR 146 no.5:1109-1112 O '62.

HYDROGEN BONDING—CONGRESSES

Studies of hydrogen bonding. N.D. Sokolov. Vest.AN SSSR 32 no.10:110-112 O '62.

HYDROGEN PEROXIDE

Mechanism of the action of the stabilizers of hydrogen peroxide alkali solutions and its practical application. N.S. Fedorova, P.V. Moryganov, L.A. Komandakova. Izv.vys.ucheb.zav.;tekh.tekst.prom. no.4:76-83 '62

HYDROGENATION

Catalysts on the aluminosilicate base for hydrogenation under high hydrogen pressure. A.V. Lozovoi and others. Trudy IGI 17:199-211 '62.

Catalytic hydrogenation of terephthalic acid dimethyl ester. S.Z. Levin, I.S. Diner, G.S. Gurevich. Neftekhimiia 2 no.4:566-572 Jl-Ag '62.

Coke formation on an alumina-molybdenum oxide catalyst in the course of high temperature hydrogenation. A.V. Lozovoi, T.I. Markina, S.A. Seniavin. Trudy IGI 17, 235-245 '62.

Composition of aromatic hydrogenates obtained from a semicoke tar of Cheremkhovo coals. A.I. Blonskaia, A.V. Lozovoi. Trudy IGI 17:187-196 '62.

Destructive hydrogenation of binary mixtures of hydrocarbons. Report No.1. A.A. Kiichko, L.S. Sovetova. Trudy IGI 17,278-286 '62.

Effect of carbonyl and carbalkoxy groups on the direction of hydrogenolysis of furan cycle under conditions of vapor phase hydrogenation. I.F. Bel'skii, N.I. Shuikin, V.M. Shostakovskii. Izv.AN SSSR Otd.khim.nauk no.10:1821-1825 O '62

High temperature destructive hydrogenation of trimethylbenzenes. A.A. Kiichko, L.S. Sovetova. Trudy IGI 17:246-249 '62.

Hydrogenation of individual compounds of phenol oil formed in the synthesis of phenol by the cumene method. A.B. Vol'-Epshtein, M.N. Zharova, V.V. Sinyaveva. Trudy IGI 17:262-268 '62.

Hydrogenation of 1-vinylacetylenyl-1-cyclopentanol on platinum and palladium catalysts. T.A. Boronda. Ukr.khim.zhur. 28 no.3:358-362 '62.

Mechanism of hydrogenation of n.pentynes and n.hexynes on a skeletal nickel catalyst. L.Kh. Freidlin, IU.IU. Knup. Izv.AN SSSR, Otd.khim.nauk no.9:1660-1663 S '62.

Preparation of α,ω-diols by the destructive hydrogenation of polyesters. S.G. Polikakova, V.N. Belov. Zhur.VKHO 7 no.5:578-579 '62.

Production of aromatic hydrocarbons from pyrolysis tar of hydrocarbon gases by hydrogenation. A.B. Vol'-Epshtein and others. Trudy IGI 17:260-277 '62.

Production of chemicals from the anthracene fraction of coke-oven coal tar by the high temperature hydrogenation method. A.G. Borts and others. Trudy IGI 17, 250-261 '62.

Raman spectra of some C_{20} - C_{24} diaryl hydrocarbons and their hydrogenation products. A.N. Kislinskii, Al.A. Petrov. Izv.AN SSSR, Ser.fiz. no.10:1269-1272 O '62.

Sokol'skii, D.V. [Hydrogenation in solutions] Gidrirovanie v rastvorakh. Alma-Ata, Izd-vo AN KazSSR, 1962. 464 p.

Two-stage system for the hydrogenation method of production of chemicals from Cheremkhovo coal tars. Report No.2. A.V. Lozovoi and others. Trudy IGI 17:174-181 '62.

HYDROLOGY

(see also subdivision under Adriatic Sea; Caspian Sea, Indigirka River, Kirghizistan)

Akademiia nauk SSSR. Sovet po problemam vodnogo khoziaistva. [Regime and development of water resources] Rezhim i osvoenie vodnykh ob"ektov. Moskva, Izd-vo Akad. nauk SSSR, 1962. 201 p.

HYDROLYSIS

Hydrolysis of acetal bonds in an acid medium in the compounds modeling some modified celluloses. V.I. Kuznetsova, V.I. Ivanov, M.G. Ovchinnikova. Izv.AN SSSR Otd.khim.nauk no.10:1866-1868 O '62

Method of acid-alkali hydrolysis of wheat grain products in determining the "raw" cellulose content. A.P. Denisenkii, P.V. Popov. Izv.vys.ucheb.zav., pishch.tekh. no.5:143-145 '62.

Role of acid chloride hydrolysis of some aliphatic and aromatic dicarboxylic acids in the process of interfacial polycondensation. V.V. Korshak and others. Izv.AN SSSR, Otd.khim.nauk no.10:1807-1813 O '62

Study of the kinetics of the hydrolysis of casein by crystalline trypsin applicable to a method for determining its activity. S.I. Berborodova, N.N. Chanin. Trudy Len.khim.-farm.inst. no.13:20-27 '61.

HYDROMECHANICS see Fluid mechanics

HYDROMETALLURGY

Investigating the process of obtaining a nickel-cobalt sulfide concentrate out of solutions for the leaching of oxidized ores. V.I. Rybnikov, V.I. Smirnov. Izv.vys.ucheb.zav., tsvet.met. 5 no.5:79-85 '62.

Kinetics of nickel reduction by hydrogen from ammonia-sulfate solutions. G.N. Dobrokhotov, N.I. Onuchkina. Izv.vys.ucheb.zav.; tsvet.met. 5 no.5:72-78 '62.

Low-temperature caking of nepheline with caustic alkalis. I.A. Sputnova, A.I. Beliaev. Izv.vys.ucheb.zav.; tsvet.met. 5 no.5:93-99 '62.

Tarabaev, S.I. [Hydrochloric acid method in the metallurgy of lead and zinc] Solianokislotnyi metod v metallurgii svintsa i tsinka. Alma-Ata, Izd-vo Akad. nauk Kazakhskoi SSR, 1962. 194 p.

HYDROMETALLURGY—CONGRESSES

Seminar of member countries of the Mutual Economic Assistance Council on improving the technology of the hydrometallurgical production of zinc. G.N. Pakhomova. TSvet.met. 35 no.10:85-87 O '62.

HYDROMETEOROLOGICAL RESEARCH see subdivision under Finland

HYDROPLANE BOATS

On an air cushion. Vladimir Lipinskii Sov. Soluz no. 11:26-27 '62.

HYDROPONICS

Growing cucumbers in water cultures [with summary in English] Z. I. Zhubritskii, L. A. Sokolova. Fiziol. rast. 9 no. 5 630-640 '62.

HYDROXIDES

Change of emanation capacity and the separation of the surface-labeling radioactive gas during dehydration of hydroxides. Ch. Ukh. Radiokhimiia 4 no. 3:355-364 '62.

HYGIENE

Discussion on the reports at the general meetings of the Academy of Medical Sciences and the Department of Hygiene, Microbiology and Epidemiology. Vest. AMN SSSR 17 no. 5 121-123 '62.

Engel'man, I. M. [This is very important for one's health] Eto ochen' vazhno dlia zdorov'ia. Ioshkar-Ola, Mariiskoe knizhnoe izd-vo, 1962. 153 p. (MIRA)

Health hints. Zdorov'e 8 no. 10:30-31 O '62.

Health hints. Zdorov'e 8 no. 11:30-31 N '62.

Work of the Bureau of the Department of Hygiene, Microbiology and Epidemiology for 1960-1961 and the problems of the scientific research institutes of the Department in the light of the resolutions of the 22d Congress of the CPSU. G. V. Vygodchikov. Vest. AMN SSSR 17 no. 5 118-121 '62.

HYGROMETRY—EQUIPMENT AND SUPPLIES

Portable hygrometer. D. I. Bulochnikov, V. A. Kovalius, B. N. Urmanov. Priborostroenie no. 10 29 O '62.

HYPERBOLOID

Asymptotic distribution of integral points on a single-cavity hyperboloid, and ergodic theorems. B. F. Skubenko. Izv. AN SSSR. Ser. mat. 26 no. 5, 721-752 S-O '62.

HYPERONS

Coulomb excitation of a Λ-particle. D. V. Volkov. Zhur. eksp. i teor. fiz. 43 no. 3:1112-1113 '62.

HYPERONS—DECAY

Angular distribution of the decay products of Λ-hyperons produced by 2.8 Bev/c π-mesons on xenon nuclei [with summary in English]. L. A. Ivanovskaia and others. Zhur. eksp. i teor. fiz. 43 no. 3:765-774 '62.

Veksler, V. I., and others. [Polarization of Λ-hyperons produced in π⁻ -p-interactions at an energy of 7-8 Bev.] Izuchenie poliarizatsii Λ -giperonov pri rozhdenii v π⁻ -p-vzaimodeistviiakh s energiei 7-8 Bev. Dubna, Ob"edinennyi in-t iadernykh issl., 1962. 23 p.

HYPERSONIC AERODYNAMICS see Aerodynamics, Hypersonic

HYPERSPACE

Kadyshevskii, V. G. [Model for the scalar field theory in quantized space-time] Model' skalarnoi teorii polia v kvantovannom prostranstve-vremeni. Dubna, Ob"edinennyi in-t iadernykh issl., 1962. 8 p.

HYPERSUSCEPTIBILITY see Anaphylaxis

HYPERTENSION

(see also subdivision under Leningrad)

Anticoagulation system of the blood in complications in hypertension [with summary in English]. K. G. Urbaniuk. Vrach. delo no. 10:26-31 O '62.

Dynamics of the bioelectrical activity of the cerebral cortex in hypertension with chronic cerebral circulatory insufficiency under the influence of treatment by radon baths of varying concentrations. E. V. Shukhova. Uch. zap. Pyat. gos. nauch.-issl. bal'n. inst. 3:84-95 '60.

Effect of negatively ionized air on hypertension under the conditions of Kislovodsk health resort. V. A. Titarenko. Uch. zap. Pyat. gos. nauch.-issl. bal'n. inst. 3:280-294 '60.

Effectiveness of health resort treatment in Kislovodsk of hypertension with a varying electrocardiogram character. D. V. Sitel'. Uch. zap. Pyat. gos. nauch.-issl. bal'n. inst. 3:256-279 '60.

Effectiveness of long courses of treatment with Rauwolfia serpentina preparations [with summary in English]. R. M. Plukha. Vrach. delo no. 10:32-35 O '62.

Hypertension and coronary atherosclerosis among workers of the Ural Machinery Plant [with summary in English]. S. S. Barats, Z. M. Mel'nikova. Sov. med. 26 no. 8:13-18 Ag '62.

Liquid extract of horse sorrel root as a hypotensive preparation [with summary in English]. L. A. Shvedenko. Vrach. delo no. 10:53-57 O '62.

Pulmonary hemorrhages in hypertension [with summary in English]. IA. D. Bondarenko. Vrach. delo no. 10, 40-43 O '62.

Water, protein and lipid metabolism in hypertension [with summary in English]. R. I. Mikunis, M. G. Sheverda. Vrach. delo no. 10:35-40 O '62.

HYPOTHERMIA

Analysis of blood gases in artificial hypothermia [with summary in English]. K. V. Ostashkov, N. N. Rassadin, L. P. Chepkii. Khirurgiia no. 9:37-41 '62.

Biological factors of resistance to the processes of extinction of the vital functions of the body. V. A. Negovskii. Vest. AMN SSSR 17 no. 5:109-115 '62.

Characteristics of the EEG during "dry" heart surgery under hypothermia [with summary in English]. T. N. Promtova. Grud. khir. no. 4:43-50 Jl-Ag '62.

Deep hypothermia in heart surgery [with summary in English]. S. A. Kolesnikov and others. Khirurgiia no. 9:10-18 '62.

Effect of hypothermia in combination with hibernation on conditioned reflexes from the auditory analyser [with summary in English]. G. V. Khvedelidze. Biul. eksp. biol. i med. 53 no. 6 32-35 Je '62.

Electroencephalographic observations in aortic commissurotomy by an open method under hypothermia. A. L. Mikaelian, V. IU. Ostrovskii. Khirurgiia no. 9:72-78 '62.

Indications for the surgical treatment of a defect of the interauricular septum under hypothermia [with summary in English]. F. G. Uglov, S. S. Sokolov. Khirurgiia no. 9, 22-30 '62.

Some characteristics of the change in the coronary blood circulation in craniocerebral hypothermia. IU. A. Gogin. Nauch. dokl. vys. shkoly, biol. nauki no. 4 64-70 '62.

HYPOTHESIS

Mathematical hypothesis [with summary in English, p. 181] I. V. Kuznetsov. Vop. filos. 16 no. 10, 82-93 '62.

HYSTERIA

Fantasy formation syndrome in hysterical psychopathy. V. A. Gurieva. Trudy Gos. nauch.-issl. inst. psikh. 27 260-275 '61.

Physical hysterical symptoms in hysterical neurosis and hysterical reactions. IU. P. Maslova. Trudy Gos. nauch.-issl. inst. psikh. 27:276-283 '61.

IABLOCHKOV, PAVEL NIKOLAEVICH, 1847-1894

Pavel Nikolaevich IAblochkov" by L. D. Bel'kin. A book review. Priroda 51 no. 10:108 O '62.

IABLOKOV, VASILII ANDREEVICH, 1892-

Vasilii Andreevich IAblokov, on his 70th birthday. Izv. vys. ucheb. zav., mat. no. 4:173-174 '62.

IANOVS'KYI, IURII, 1902-1954

Letter written by IU. I. IAnovs'kyi to the Central Committee of the Communist Party (B) U, on October 21, 1935. A. A. Trostianets'kyi. Rad. lit. 6 no. 4:106-110 Jl-Ag '62.

Manuscript legacy of IU. I. IAnovs'kyi. I. O. Luchnyk. Rad. lit. 6 no. 4, 110-115 Jl-Ag '62.

IBRAGIMOV, USMAN, 1915-1962

Usman Ibragimov; obituary. Biul. Verkh. Suda no. 5:48 '62.

ICE

Salt water softening by natural freezing in agricultural production. S. IU. Geller. Izv. AN SSSR, Ser. geog. no. 5 71-77 S-O '62

ICE-BREAKING VESSELS

Ice-breaking liner "Leningrad." A. Dorokhov. Mor. flot 22 no. 10:30-32 O '62.

ICE INDUSTRY see subdivision under Kazakhstan

ICE ON RIVERS, LAKES, ETC.

River crossing should be operational in winter. N. Kharitonov. Rech. transp. 21 no. 10:14-15 O '62.

ICE SHOWS see subdivision under Vienna

ICELAND REGION—OCEANOGRAPHY

Hydrology in the Faeroe-Iceland area. M. A. Bogdanov and others. Trudy VNIRO 46:61-64 '62.

ICELAND SPAR

Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut mineral'nogo syr'ia. [Industry's requirements as to the quality of mineral raw materials] Trebovaniia promyshlennosti k kachestvu mineral'nogo syr'ia; spravochnik dlia geologov. Moskva, Gosgeoltekhizdat,
No. 31. Puzanov, L. S., and others. [Piezoelectric and optical minerals] P'ezoelektricheskoe i opticheskoe syr'e. Nauchn. red. A. S. Gudkov i A. I. Suderkin. Izd. 2., perer. 1962. 46 p.

ICHNEUMON FLIES see subdivision under Bryansk, Soviet Central Asia, Turkmenistan

ICHTHYOLOGICAL RESEARCH

Vertical chamber for observing the development of eggs of salmonid fishes. Zh. Z. Chernaev. Vop. ikht. 2 no. 3:558-560 '62.

ICHTYOLOGICAL RESEARCH—CONGRESSES see subdivision under Pacific Ocean

ICHTHYOLOGY

IUdkin, I. I. [Ichthyology] Ikhtiologiia. Izd. 4., perer. i dop. Moskva, Pishchepromizdat, 1962. 351 p.

IDEALISM

Where does the "Platonic line" lay? M. Barykin. Nauka i zhiz. no. 5 52-56 My '62.

IGNAT'EV, ALEKSANDR ILLARIONOVICH, 1906-

Dzhusupova, O. N. Aleksandr Illarionovich Ignat'ev. Moskva, Sovetskii khudozhnik, 1961. 77 p. plates (MIRA)

ILI VALLEY—FOREST ECOLOGY

Some observations on the thin forests in the Ili Valley [with summary in English]. B. A. Bykov. Biul. MOIP, Otd. biol. 67 no. 4:101-108 Jl-Ag '62.

IL'INSKII, IGOR' VLADIMIROVICH, 1901-

Il'inskii, I. V. [About myself] Sam o sebe. Moskva, Vsesoiuznoe teatral'noe ob-vo, 1961. 370 p. illus (MIRA)

IMANOV, AMANGEL'DY, 1873-1919

Nurkanov, Aiap. [National hero] Narodnyi bogatyr. Moskva, Gospolitizdat, 1962. 62 p. (Geroi i podvigi)

IMMORTALITY

"The illusion of immortality" by G. Lamont. Reviewed by P. Mikhailov. Nauka i zhiz. 4 no. 12-93 N '62.

IMMUNITY

Analysis of the protective functions of the body on the basis of the concepts of the theory of regulation and physiology, the example of tuberculosis infection. B. I. Al'bertinskii, G. S. Kan, V. N. Chernigovskii. Vest. AMN SSSR 17 no. 5 72-87 '62.

Change in the sorption of the cerebral cortex, muscle and the kidney of white mice during the period of immunization and superinfection. M. D. Shkol'nikova. K izuch. roli nerv. sist. v pat., immun. i lech. tub. no. 2:262-270 '61.

Discussion on the reports at the general meeting of the Department of Hygiene, Microbiology and Epidemiology. Vest. AMN SSSR 17 no. 5:38-42 '62.

Discussion on the scientific reports at the general meeting of the Department of Clinical Medicine. Vest. AMN SSSR 17 no. 5:69-71 '62.

Disorders of natural immunity in irradiated animals and ways for its natural stimulation. V. L. Troitskii. Vest. AMN SSSR 17 no. 5 29-38 '62.

Effect of corticosteroids on antibacterial protective factors of the body in an infectious inflammatory focus [with summary in English]. V. N. Solov'ev, G. A. Konaev. Zhur. mikrobiol., epid. i immun. 33 no. 4:77-83 Ap '62.

Effect of immunization and subsequent superinfection from a Mycobacterium tuberculosis culture on defense exteroceptive conditioned reflexes in rabbits. A. L. Plekavichene. K izuch. roli nerv. sist. v pat., immun. i lech. tub. no. 2:288-297 '61.

Influence of chemotherapeutic substances on the protective functions of the body. Kh. Kh. Planel'es. Vest. AMN SSSR 17 no. 5:47-52 '62.

Mechanism of interaction of viruses with cells and immunity to viruses on the cellular level. V. M. Zhdanov. Vest. AMN SSSR 17 no. 5 5-13 '62.

Morphological phenomena of the protective functions of the body in infectious processes. M. V. Voin-IAsenetskii. Vest. AMN SSSR 17 no. 5:102-109 '62.

Paradoxical action of the protective functions of the body during chemotherapy in tuberculosis. N. A. Shmelev. Vest. AMN SSSR 17 no. 5 52-58 '62.

Physiological mechanisms of immunity to tuberculosis. G. S. Kan. K izuch. roli nerv. sist. v pat., immun. i lech. tub. no. 2:243-255 '61.

Resolution of the general meeting of the Academy of Medical Sciences of the U. S. S. R. on the problem of the "protective functions of the body" of February 20, 1962. Vest. AMN SSSR 17 no. 5:142-145 '62.

Role of the hypophysial-adrenal system in immunological and infectious processes. V. I. Ioffe, L. P. Kopytovskaia. Vest. AMN SSSR 17 no. 5:24-29 '62.

Role of the processes of anaerobic and oxidative phosphorylation in the protective functions of the body. S. E. Severin. Vest. AMN SSSR 17 no. 5:93-101 '62.

Specific and nonspecific factors in antiviral immunity. P. N. Kosiakov. Vest. AMN SSSR 17 no. 5:5-13 '62.

Stimulation of the protective functions of the body by physical factors. A. N. Obrosov, F. D. Vasilenko, E. B. Markovnikova. Vest. AMN SSSR 17 no. 5:64-68 '62.

Study of the influence of the nervous system on the formation of immunity to tuberculosis in white mice. Report No. 1. A. E. Perel'man. K izuch. roli nerv. sist. v pat., immun. i lech. tub. no. 2:301-313 '61.

Study of the influence of the nervous system on the formation of immunity to tuberculosis in white mice. Report No. 2. A. E. Perel'man. K izuch. roli nerv. sist. v pat., immun. i lech. tub. no. 2:314-322 '61.

IMMUNOHEMATOLOGY

Study of the changes in the blood system during the formation of antituberculosis immunity and following superinfection. E. L. Kan, M. D. Shkol'nikova. K izuch. roli nerv. sist. v pat., immun. i lech. tub. no. 2:271-280 '61.

IMMUNOLOGY

Inter-institute conference on problems of the specific prevention of infectious diseases. V. M. Ivanov. Zhur. mikrobiol., epid. i immun. 33 no. 8:154-156 Ag '62

Some immunobiological indices of chronic inflammatory gynecological diseases and their changes under the influence of treatment at the Pyatigorsk health resort. E. IA. Stavskaia. Uch. zap. Pyat. gos. nauch.-issl. balʹn. inst. 3:323-333 '60.

IMMUNOLOGY—BIBLIOGRAPHY see Bibliography—Immunology

IMPELLERS—THERMAL PROPERTIES

Use of electronic computers for studying the temperature fields of steam turbine rotors. V. N. Venediktov, V. M. Zelenin. Teploenergetika 9 no. 11 18-22 N '62.

IMPERIALISM

Methodology of the theory of imperialism. G. Rudenko. Nauch. dokl. vys. shkoly, ekon. nauki no. 5, 11-20 '62.

INCOME see subdivision under Bulgaria, United States

INDAN

Infrared absorption spectra of hydrocarbons of the indan series. M. V. Shishkina, M. M. Kusakov, N. E. TSytovich. Izv. AN SSSR Ser. fiz. no. 10 1260-1263 O '62.

INDANDIONE

2-Phenyl-4-azabenz (f)-1, 3-indandione, a new representative of the heterocyclic analogs of 1, 3-indandione. K. E. Neiland, G. IA. Vanag. Dokl. AN SSSR 143 no. 3 615-617 S '62.

INDIA—AGRICULTURAL CREDIT

"Usurious capital in the agriculture of India" by A. I. Medovoi. Reviewed by E. Bragina. Nar. Az. i Afr. no. 5 206 '62.

INDIA—AGRICULTURAL POLICY

Planning agricultural production in India. I. Sokolov. Ekon. sel'khoz. 33 no. 9 118-123 S '62.

INDIA—DESCRIPTION AND TRAVEL

Story about a doomsday that did not come. IUrii Zhukov. Ogonek 40 no. 22:26-29 My '62.

INDIA—DRINKING WATER

Cooling of drinking water in India. E. Baturin. Zhil.-kom. khoz. 12 no. 3:35 Mr '62.

INDIA—END OF THE WORLD

Story about a doomsday that did not come. IUrii Zhukov. Ogonek 40 no. 22:26-29 My '62.

INDIA—FOREIGN ECONOMIC RELATIONS—HUNGARY

Indians and Hungarians. Andras Sugar. Az. i Afr. seg. no. 10:54 O '62.

INDIA—HISTORY

"Early India and Pakistan to Ashoka" [in English] by M. W. Wheeler. Reviewed by L. Brashinskii. Vest. drev. ist. no. 3 178-185 '62.

"Lord Curzon and the problem of European racialism in India" [in English] by M. N. Das. Reviewed by A. I. Chicherov. Vop. ist. no. 10:192-193 O '62.

"Popular movements in India in the 17th and 18th centuries" by I. M. Reisner. Reviewed by K. Z. Ashrafian. Nar. Az. i Afr. no. 5 186-189 '62.

INDIA—INVESTMENTS, FOREIGN

Foreign investments in India. G. Kolykhalova. Mir ekon. i mezhdunar. otn. no. 11 121-122 N '62.

INDIA—LAND TENURE

"Popular movements in India in the 17th and 18th centuries" by I. M. Reisner. Reviewed by K. Z. Ashrafian. Nar. Az. i Afr. no. 5 186-189 '62.

INDIA—MICROBIOLOGY

Virology and microbiology centers in India. A. F. Pukhner. Zhur. mikrobiol., epid. i immun. 33 no. 4:165-166 Ap '62.

INDIA—MINE VENTILATION

Experience of ventilation in deep and hot gold mines of South Africa and India and possibilities for applying it to other mining areas by Hans Burkhard Dietterle [in German]. Reviewed by L. N. Dmitrieva. Gor. zhur. no. 10:80 O '62.

INDIA—POLITICS AND GOVERNMENT

"Abolition of the principalities in present-day India" by T. F. Deviatkina. Reviewed by V. Moskalenko. Nar. Az. i Afr. no. 5:173-175 '62.

Fundamental political parties of India. Mezhdunar. zhizn' 9 no. 11:143-145 N '62.

INDIA—RELATIONS (GENERAL) WITH RUSSIA

Archives relate [with English summary in insert]. E. Liusternik. Az. i Afr. seg. no. 10:52 O '62.

INDIA—TECHNICAL EDUCATION

Higher education in the newly developing countries. G. Gallo, S. Zakhir. Vest. vys. shkoly 20 no. 10:26-30 O '62.

INDIA—THEATER

"Dramaturgy and the theater in India" Reviewed by N. M. Sazanova. Nar. Az. i Afr. no. 5 210-212 '62.

INDIA—TRADE UNIONS—CONGRESSES

How the All-India Trade-Union Congress looks at the Common Market. S. A. Dange. Vsem. prof. dvizh. no. 8/9, 19-20 Ag-S '62.

INDIA—VILLAGE COMMUNITIES

Communities of the Zamindari, Pattidari and Bhayachara types in northern India. L. B. Alaev. Nar. Az. i Afr. no. 5 103-110 '62.

INDIA—VIROLOGY

Virology and microbiology centers in India. A. F. Pukhner. Zhur. mikrobiol., epid. i immun. 33 no. 4:165-166 Ap '62.

INDIA—YOUTH—SOCIETIES, ETC.

The All-Indian Youth Federation. K. Govinda Pillai. Mol. mira no. 6 12-13 '61.

INDIAN OCEAN—FORAMINIFERA

Distribution of plankton Foraminifera in the waters of the Indian Ocean [with summary in English]. N. V. Belineva. Biul. MOIP. Otd. geol. 37 no. 3, 98-101 My-Je '62.

INDIANS see subdivision under Transvaal

INDIANS OF NORTH AMERICA

Averkieva, IU. P. [Disintegration of the tribal community and the formation of early class relations in Indian society of the northwestern coast of North America] Razlozhenie rodovoi obshchiny i formirovanie ranneklassovykh otnoshenii v obshchestve indeitsev severo-zapadnogo poberezh'ia Severnoi Ameriki. Moskva, Izd-vo Akad. nauk SSSR, 1961. 1 v. (PU-Mus)

INDIC LITERATURE—HISTORY AND CRITICISM

Akademiia nauk SSSR, Institut narodov Azii. [Contemporary Indic prose] Sovremennaia indiiskaia proza, sbornik statei. Moskva, Izd-vo vostochnoi lit-ry, 1962. 384 p.

INDIC POETRY—HISTORY AND CRITICISM

Akademiia nauk SSSR. Institut narodov Azii. [Poetry of the peoples of India] Poeziia narodov Indii; sbornik statei. Moskva, Izd-vo Vostochnoi lit-ry, 1962. 189 p.

INDIC STUDIES

Akademiia nauk SSSR. Institut narodov Azii. [Selected works of Russian indologist-philologists] Izbrannye trudy russkikh indologov-filologov. Moskva, Izd-vo vostochnoi lit-ry, 1962. 380 p.

INDIGIRKA RIVER—HYDROLOGY

Preglacial direction of the discharge of the Indigirka River. V. A. Tverdokhlebov. Izv. AN SSSR, Ser. geog. no. 5 119-126 S-O '62.

INDIGIRKA VALLEY—GEOLOGY, STRUCTURAL

Phases and cycles of the tectogenesis of the Yana-Kolyma geosyncline in the upper Indigirka Basin. S. I. Gavrikov. Mat. po geol. i pol. Iskop. IAk. ASSR no. 2:48-57 '60.

INDIUM

Removal of mercury, cadmium, and zinc from gallium, indium, and thallium by the distillation of impurities in a high temperature vacuum. A. A. Shokol, L. F. Kozin. Ukr. khim. zhur. 28 no. 6:699-702 '62.

Volatility of metallic indium. N. D. Khvostukhina, IU. V. Rumiantsev, I. K. Skobeev. Trudy Vost. Sib. fil. AN SSSR no. 41:67-71 '62.

INDIUM—ANALYSIS

Determination of copper in metallic indium by the square-wave polarography method. B. IA. Kaplan, I. A. Sorokovskaia, G. A. Smirnova. Zav. lab. 28 no. 10:1188-1191 '62.

INDIUM—ELECTROMETALLURGY

Kinetics of indium cementation from chloride solutions by pulverized zinc. V. N. Krivkova. Trudy Vost. Sib. fil. AN SSSR no. 41: 23-28 '62.

INDIUM—METALLURGY

Interaction between metallic indium and sulfur anhydride. IU. V. Rumiantsev, N. A. Khvorostukhina, I. K. Skobeev. Trudy Vost. Sib. fil. AN SSSR no. 41:91-99 '62.

INDIUM ANTIMONIDE—ELECTRIC PROPERTIES

Dependence of the bipolar diffusion length and of the sum of Hall mobilities of current carriers in p-type InSb on the strength of the magnetic field at room temperature. V. F. Zolotarev, D. N. Naseledov. Fiz. tver. tela 4 no. 4:977-982 Ap '62.

INDIUM ANTIMONIDE CRYSTALS

Determination of the effective mass of electrons in InSb from measurements of thermal e.m.f. in a strong magnetic field. I. V. Mochan, IU. N. Obraztsov, T. V. Smirnova. Fiz. tver. tela 4 no. 4:1021-1028 Ap '62.

Dislocational etching forms in InSb. V. E. Il'in. Fiz. tver. tela 4 no. 4:999-1002 Ap '62.

INDIUM OXALATE

Indium oxalates. L. I. Dubovenko. Ukr. khim. zhur. 28 no. 6:682-687 '62.

INDIUM OXIDE

Pressure of the dissociation of indium oxide. N. A. Khvorostukhina. Trudy Vost. Sib. fil. AN SSSR no. 41 78-82 '62.

INDIUM SULFATE

Reaction of indium sulfate with ammonium sulfate. E. N. Deichman, L. S. Tarasushkina. Zhur. neorg. khim. 7 no. 10:2331-2334 O '62.

Thermal decomposition of indium sulfate. N. A. Khvorostukhina, IU. V. Rumiantsev, I. K. Skobeev. Trudy Vost. Sib. fil. AN SSSR no. 41 84-90 '62.

INDIUM SULFIDE

Pressure of the dissociation of indium sulfide. Trudy Vost. Sib. fil. AN SSSR no. 41:72-77 '62.

INDIVIDUALISM

Baskin, M. P. [Crisis of bourgeois consciousness; the bankruptcy of individualism] Krizis burzhuaznogo soznaniia, individualizm i ego krakh. Moskva, Izd-vo Akad. nauk SSSR, 1962. 302 p.

INDOCHINA—MILITARY ASSISTANCE, AMERICAN

Provocators are punished but provocation goes on. Ogonek 40 no. 22:8 My '62.

INDOLE

Effect of indole derivatives on higher nervous activity. A. S. Zakharevskii. Zdrav. Bel. 8 no. 5:36-38 My '62.

INDOLOL

Correlation between serotonin and the central adrenoresponsive and cholinoresponsive systems in the mechanism of electroencephalogram activation. R. IU. Il'iuchenok, L. A. Nazarov. Dokl. AN SSSR 146 no. 5: 1237-1240 O '62.

INDONESIA—DESCRIPTION AND TRAVEL

Forty days in Indonesia. N. N. Cheboksarov. Vest. AN SSSR 32 no. 10:78-83 O '62.

INDONESIA—FOREIGN RELATIONS—UNITED STATES

"Whose hand is in the pie? [in Indonesian] by Wiljosumarto. Reviewed by V. IAvin. Az. i Afr. seg. no. 10:59-60 O '62.

INDONESIA—TRADE UNIONS

[Trade-union movement of Indonesia. Translated from the Indonesian] Profsoiuznoe dvizhnie Indonezii. Moskva, Profizdat, 1961. 80 p. (CStmoR)

INDUSTRIAL ACCIDENTS see subdivision under United States

INDUSTRIAL BUILDINGS

Moscow. Moskovskii inzhenerno-stroitel'nyi institut. [Architecture of public and industrial buildings, a history of architecture] Arkhitektura grazhdanskikh i promyshlennykh zdanii; istoriia arkhitektury. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1962. 283 p.

INDUSTRIAL COSTS see Costs, Industrial

INDUSTRIAL DESIGN see Design, Industrial

INDUSTRIAL DISCIPLINE see Labor discipline

INDUSTRIAL EFFICIENCY see Efficiency, Industrial

INDUSTRIAL HYGIENE

Nikitin, G. M. [Fundamentals of safety and fire prevention techniques] Osnovy tekhniki bezopasnosti i protivopozharnoi tekhniki. Leningrad, Izd-vo "Rechnoi transport," 1961. 423 p.

Ukhin, P. N. [Safety measures in motion-picture enterprises] Tekhnika bezopasnosti na kinopredpriiatiiakh. Moskva, Izd-vo "Iskusstvo," 1962. 317 p.

INDUSTRIAL HYGIENE—LAW AND LEGISLATION

IAnin, L. V., ed. [Collection of the most important official data on problems of industrial hygiene and industrial sanitation] Sbornik vazhneishikh ofitsial'nykh materialov po voprosam gigieny truda i proizvodstvennoi sanitarii. Moskva, Medgiz.
No. 1. 1962. 314 p. (DNLM)

[Manual on safety engineering and industrial hygiene in four volumes] Spravochnik po tekhnike bezopasnosti i proizvodstvennoi sanitarii v chetyrekh tomakh. 2., perer. i dop. izd. Sost. S. S. Sidorochkin i dr. Otv. red. I. K. Borodulenko. Leningrad, Sudpromgiz.
Vol. 1. [General regulations] Obshchie polozheniia. 1962. 575 p.

INDUSTRIAL MANAGEMENT

(see also subdivision under Europe, Eastern; Kazakhstan; Kiev Province; Leningrad; Moldavia; Moscow; Zaporozh'ye Province; Zhitomir Province)

The best results and the lowest expenditures. V. Bobushkin. Part. zhizn' no. 21:8-15 N '62.

DUSTRIAL MANAGEMENT (Continued)
grisov, E. F., and R. L. Zaltsev. [Socialist competition and the economics of enterprises] Sotsialisticheskoe sorevnovanie i ekonomika predpriiatii. Moskva, Ekonomizdat, 1962. 93 p. (Ekonomicheskoe samoobrazovanie)
Decisive improvement in the standards of economic and control work is the most important objective of financial organs. V. Garbuzov. Fin SSSR 23 no. 10 3-18 O '62
eveloping norms for the number of employees. V. Kovcha. Sots. trud 7 no. 10:94-96 O '62.
xperience, practice, initiative. Bukhg. uchet 19 no. 6 65-69 Je '62
the Collegium of the Ministry of Finance of the U. S. S. R. Fin SSSR 23 no. 10 93-95 O '62
olodnaia, G. N. [Regular production flow is a guarantee of successful plan fulfillment] Ritmichnaia rabota - zalog vypolneniia plana. Moskva, Gospolitizdat, 1961. 16 p. (Ekonomicheskie znaniia - rabochim)
ore discussion on a better organization of sugar beet transfer from one factory to another. I. G. Peresada. Sakh. prom. 36 no. 10:53-56 O '62.
ublic participation in the administration of industrial enterprises. V. Dolgopol. Part. zhizn' no. 21 16-22 N '62.
ural problems of business accounting and strengthening the finances of enterprises. S. Tatur. Fin SSSR 23 no. 10 19-26 O '62
apchenko, A. A. [Operational planning in assembly shops] Operativnoe planirovanie v sborochnykh tsekhakh. Izd. 2., ispr. i dop. Moskva, Mashgiz, 1962. 114 p.
aff business, survey of articles and correspondence received by the editors. Fin. SSSR 23 no. 10 79-83 O '62
sing mathematical methods and electronic calculating machines in establishing a production program for multiple-article production. F. I. Binshtok, L. I. Smoliar. Vest. mashinostr. 42 no. 10:74-77 O '62.

USTRIAL MANAGEMENT—CONGRESSES
the All-Union Conference of the Volunteer Bureaus of Economic Analysis. M. Kopelnovich. Bukhg. uchet 9 no. 9 72-74 S '62.

USTRIAL ORGANIZATION
(see also subdivision under Moscow, Rostov Province)
ong Lenin's road. Agitator no. 23:3-6 D '62.
mplex solving of the problem of the distribution and production organization of butter and cheese industry enterprises. I. G. Shilin, T. A. Kosenko. Izv. vys. ucheb. zav., pishch. tekh. no. 5 3-8 '62.

USTRIAL PLANTS—DESIGN AND CONSTRUCTION
ssia (1923- U.S.S.R.) Gosudarstvennyi komitet po delam stroitel'stva. [Standards SN 209-62 for the technical design of enterprises for the production of solid and cellular silicate concrete articles] Normy tekhnologicheskogo proektirovaniia predpriiatii po proizvodstvu izdelii iz plotnogo i ieheistogo silikatogo betona (SN 209-62). Moskva, Gosstroiizdat, 1962. 18 p.

USTRIAL PROCUREMENT
(see also subdivision under Ukraine)
plications, norms and funds. A. Zhestovskii. Nar. khoz. Kazakh. 20 no. 6:40-45 Je '62.
sevich, M. G., N. G. Murzin, and B. V. Pokrovskii, Legal problems in supplying the enterprises of regional economic councils with materials and equipment] Pravovye voprosy material'no-tekhnicheskogo snabzheniia predpriiatii sovnarkhozov. Alma-Ata, Izd-vo Kaz. gos. nauk Kazakhskoi SSR, 1962. 267 p.

USTRIAL PROCUREMENT—STATISTICS
ing electronic calculating machines for processing riginal statistical information in the field of the supply f materials and equipment. A. Efremova. Bibl. nauch. inform. i trud i zar. plata 5 no. 9:22-29 '62.

USTRIAL SAFETY
dustrial safety according to Soviet labor law" by I. I. Kiselev. Reviewed by V. Acharkan. Sots. trud no. 10:154-157 O '62.

USTRIAL SAFETY—LAW AND LEGISLATION
manual on safety engineering and industrial hygiene in ur volumes] Spravochnik po tekhnike bezopasnosti i promyshlennoi sanitarii v chetyrekh tomakh. 2., per. i dop. izd. Sost. S. S. Sidorochkin i dr. Otv. red. I. K. Borodulenko. Leningrad, Sudpromgiz. Vol. 1. [General regulations] Obshchie polozheniia. 1962. 575 p.

USTRIAL TELEVISION
evision method of quality control of the production of metallized photographic materials [with summary in English on p. 86]. O. I. Udzon. Tekh. kino i telev. 6 no. 9:51-54 S '62.

USTRIALIZATION
ief history of the industrialization of the U. S. S. R." A. F. Khavin. Reviewed by L. K. Shkarenkov. Op. ist. no. 10:116-119 O '62.

"The Soviet industrialization debate" [in English] by A. Erlich. Reviewed by V. Z. Drobizhev. Ist. SSSR 6 no. 4:201-203 Jl-Ag '62.

INDUSTRIES see subdivision under Russia; Transcaucasia, Ukraine, United States, White Russia)

INDUSTRIES—DICTIONARIES see subdivision under Russia

INDUSTRY
(see also subdivision under White Russia)
Aleksandrova, V. P., and I. I. Ryzhkov. [Capital assets and production potential of industrial enterprises and their use] Osnovnoi fondy i vyrobnychi potuzhnosti promyslovykh pidpriemstv ta ikh vykorystannia. Kyiv, Akad. nauk URSR, 1957. 58 p. (NNC)
Letters on various subjects. Mest. prom. i khud. promys. 3 no. 8, 30-31 Ag '62.

INDUSTRY—ABSTRACTS
[Economics of industry] Ref. sbor.: Ekon. prom. no. 10 O '62

INEQUALITIES (MATHEMATICS)
Method for the elimination of unknowns in the theory of linear inequalities. V. G. Kuznetsov. Izv. vys. ucheb. zav., mat. no. 4 86-91 '62.

INFANTS (NEWBORN)
Genesis and properties of nonantigenic γ globulin in newborn animals; first appearance of natural antibodies and their relation to bactericidal properties of the serum. J. Steinel and others. Zhur. mikrobiol., epid. i immun. 33 no. 8:60-68 Ag '62.

INFECTION, FOCAL see Focal infection

INFECTIOUS ANEMIA
Changes in the cells of the bone marrow and peripheral blood in infectious anemia of horses. V. P. Ivanov. Trudy NIVI 1 50-59 '60

INFLAMMABILITY
Inflammability of titanium and its alloys. N. V. Manuev. Izv. vys. ucheb. zav.; chern. met. 5 no. 9:197-200 '62.

INFLUENZA see subdivision under Khabarovsk

INFORMATION STORAGE AND RETRIEVAL SYSTEM—CHEMISTRY
Machine information-logic methods in chemistry (survey). G. E. Vleduts, A. L. Seifer. Zav. lab. 28 no. 10:1224-1232 '62.

INFORMATION THEORY
Interference proof code for a remote transmission system. I. IA. Gol'dbaum, V. K. Zakharov. Priborostroenie no. 10 3-4 O '62.
Mathematical apparatus for analysis and synthesis of linear multicycle coding networks. I. A. Nazarov. Izv. LETI 57 no. 39:153-162 '59.
Method for coding frequency ratios in automatic devices [with summary in English]. R. M. Trakhtenberg. Avtom. i telem. 23 no. 9:1254-1259 S '62.
Probability of the distortion of pulse-code modulation signals due to some nongaussian noises. R. F. Malyasev. Radiotekh. i elektron. 7 no. 10:1703-1710 O '62.
Use of an oscilloscope in a method for determining the correlation function of a random stationary process. G. E. Gorentsvit, S. A. Ponyrko. Izv. LETI 57 no. 39, 307-312 '59.

INFORMATION THEORY IN BIOLOGY
Image and the visual system. V. D. Gelzer, I. I. TSukkerman. Priroda 51 no. 10:14-20 O '62.

INFRARED RAYS
Threshold absorption of infrared waves in superconductors [with summary in English]. V. L. Pokrovskii, M. S. Ryvkin. Zhur. eksp. i teor. fiz. 43 no. 3:900-905 '62.

INGOT MOLDS
At the Chelyabinsk Metallurgical Plant. N. V. Kels, A. I. Komissarov. Stal' 22 no. 10 916 O '62.

INGOT MOLDS—WELDING
Semiautomatic welding of defects in ingot molds. G. I. IAnkelevich, E. P. Mateta. Stal' 22 no. 10:909-910 O '62.

INHALATION THERAPY
Reactogenic and immunogenic properties of whooping cough vaccine during inhalation immunization [with summary in English]. S. N. Muromtsev and others. Zhur. mikrobiol., epid. i immun. 33 no. 4:71-76 Ap '62.

INHERITANCE AND SUCCESSION
Inheritance law in the next civil code of the R. S. F. S. R. V. Serebrovskii. Sots. zakon. 30 no. 8:36-41 Ag '62.

INLAND NAVIGATION
Belousov, R. I. [River transportation costs and the ways to reduce them] Sebestoimost' perevozok rechnym transportom i puti ee snizheniia. Moskva, Rechnoi transport, 1961. 61 p. (MH)
Do not omit the study of special sailing directions. M. Sutyrin. Rech. transp. 21 no. 10:16-17 O '62.
My remarks. V. Gureev. Rech. transp. 21 no. 10:53 O '62.
Research by the R. S. F. S. R. River Register on problems of strength and stability of inland navigation ships. A. P. Strakhov. Sudostroenie 28 no. 9 78-79 S '62
Significance of the waterway which connects the Baltic Sea with the Black Sea. A. I. Lebed'. Mat. i soob. Iaroslav. otd. Inst. po izuch. SSSR no. 35/36 6-10 My-Je '62
Strakhov, A. P. [Principles of the theory and structure of ships for inland navigation] Osnovy teorii i ustroistva sudov vnutrennego plavaniia. Izd. 2., ispr. i dop. Moskva, Izd-vo "Rechnoi transport," 1962. 224 p.

INLAND WATER TRANSPORTATION
(see also subdivision under Great Britain; Irtysh Valley; Ob' Valley)
Expand designing on a voluntary basis. A. Vladimirov. Rech. transp. 21 no. 10 21 O '62.
How to alleviate the seasonality of harbor operations. N. Subbotin. Rech. transp. 21 no. 10:12-13 O '62.
Main directions of technical progress in river transportation. Rech. transp. 21 no. 10, 2-5 O '62.
Results of the September 1962 transportation plan. Rech. transp. 21 no. 10:5-6 O '62.

INLAND WATER TRANSPORTATION—COST OF OPERATION
Economic efficiency of bringing in the annual supply of coal. L. B'ichev. Rech. transp. 21 no. 10:7-10 O '62.

INLAND WATER TRANSPORTATION—EMPLOYEES
Always search. S. Litvinov. Rech. transp. 21 no. 10: 21-25 O '62.

INLAND WATER TRANSPORTATION—LAW AND LEGISLATION
Coordination of Soviet maritime laws with the rules governing inland water transportation; as related to the proposed new code of maritime law. M. E. Khodunov. Inform. sbor. TSNIIMF no. 46 Mor. pravo i prak. no. 8:32-37 '60.

INLAND WATER TRANSPORTATION—RESEARCH
Contribution to industry by scientists of the Leningrad Institute of Water Transportation. V. Sirotskii, B. Borodkin. Rech. transp. 21 no. 10:19-20 O '62.
Greater development of scientific research. A. Soluzov. Rech. transp. 21 no. 10:16-19 O '62.

INORGANIC CHEMISTRY see Chemistry, Inorganic

INOSITOL PHOSPHATES
Paper chromatography of inositol phosphates [with summary in English]. A. M. Sobolev. Fiziol. rast. 9 no. 5 649-651 '62.

INPUT-OUTPUT ANALYSIS see Linear programming

INQUISITION
The Orthodox inquisition in Russia. I. Sinel'nikov. Nauka i rel. no. 5:26-30 My '62.

INSCRIPTIONS, GREEK
(see also subdivision under Caucasus, Northern)
New accessions to a collection of the ancient inscriptions of Sarmatia and Taurida. P. O. Karyshkovskii. Vest. drev. ist. no. 3:141-154 '62.

INSCRIPTIONS, HIEROGLYPHIC see subdivision under Sikhote-Alin Range

INSCRIPTIONS, RUNIC see subdivision under Transbaikalia

INSCRIPTIONS, SABAEAN
Socioeconomic data in the Sabaean dedicatory inscriptions of the time of the Mukarribs. A. G. Lundin. Vest. drev. ist. no. 3:96-120 '62.

INSCRIPTIONS, SANSKRIT
The ancient inscriptions of India. D. C. Sircar. Vest. drev. ist. no. 3:28-43 '62.

INSECT TRAPS
Dynamics of the flight of ichneumon flies (Hymenoptera, Ichneumonidae) to the light trap in Bryansk in 1958. P. P. Bogush. Ent. obozr. 41 no. 3:572-575 '62.

INSECTICIDES
Critical observations on the article, "Butadion, an effective substance for the control of body lice" [with summary in English]. G. A. Sudzhaev. Zhur. mikrobiol., epid. i immun. 33 no. 8:30-41 Ag '62.
Methods of applying insecticides to control synanthropic flies [with summary in English]. M. N. Sukhova and others. Zhur. mikrobiol., epid. i immun. 33 no. 8:15-19 Ag '62.
Study of the insecticidal effect of butadione. Report No. 1 [with summary in English]. L. A. Favorova and others. Zhur. mikrobiol., epid. i immun. 33 no. 8:35-39 Ag '62.
There are good remedies. Zhil.-kom. khoz. 12 no. 3: 33 Mr '62.

INSECTS

Conception of ecologic equivalent in the biocenology of insects. V. F. Pakhi Izv AN Kir SSR. Ser biol nauk 1 no. 1 19-26 '62

Role of insects in the nutrition of some Arctic birds [with summary in English]. IU. I. Chernov, S. M. Uspenskii. Biul. MOIP. Otd. biol. 67 no. 4:26-31 Jl-Ag '62.

INSECTS—EGGS

Variation in the size and form of eggs in the mulberry silkworm (Bombyx mori Z). F. A. Turdakov. Uch. zap. Biol.-pochv. fak. Kir. un. no. 7:247-262 '58

INSECTS, INJURIOUS AND BENEFICIAL
(see also subdivision under Soviet Central Asia)

A few words on Doctor H. Oschmann's report. I. A. Khalifman Agrobiologiia no. 3 368-370 My-Je '62

Row crop farming and the main objectives of agricultural entomology. T. G. Grigor'eva. Ent. obozr. 41 no. 3: 485-491 '62.

INSECTS, INJURIOUS AND BENEFICIAL—BIOLOGICAL CONTROL

Conference on the use of micro-organisms in the control of injurious insects. A. B. Gukasian Izv AN SSSR. Ser biol. no. 5 809-812 S-O '62.

"The principles of biological control, interrelation of hosts and pests and utilization in regulation of animal and plant populations" [in English] by H. L. Sweetman. Reviewed by I. A. Rubtsov. Ent obozr. 41 no. 3 717-720 '62.

Vashkov, V. I., and others. [Handbook on disinfection, disinfestation and deratization] Spravochnik po dezinfektsii, dezinsektsii i deratizatsii Moskva, Medgiz, 1962 166 p.
(DNLM)

INSECTS AS CARRIERS OF DISEASE

Role of bloodsucking arthropods in transmitting and preserving pathogenic leptospirae. Report No. 2 Relation of bloodsucking arthropods to the pathogens of anicteric leptospirosis [with summary in English]. I. Z. Soloshenko Zhur mikrobiol., epid. i immun. 33 no. 4: 31-34 Ap '62.

INSECTS AS CARRIERS OF PLANT DISEASES

Methods of rearing cicadas, carriers of plant diseases under artificial conditions. G. M. Razviazkina, E. A. Pridantseva, N. D. Shaskol'skaia. Nauch. dokl. vys. shkoly, biol. nauki no 4: 28-32 '62.

INSECTS AS LABORATORY ANIMALS

Methods of rearing cicadas, carriers of plant diseases under artificial conditions. G. M. Razviazkina, F. A. Pridantseva, N. D. Shaskol'skaia Nauch. dokl. vys. shkoly, biol. nauki no 4 28-32 '62.

INSTRUMENT FLYING

Denisov, V. G., and R. N. Lopatin [Flight and navigational instruments, instrument flying] Pilotazhno-navigatsionnye pribory, o pilotirovanii samoleta po priboram. Moskva, Voenizdat, 1962. 108 p.

INSTRUMENT INDUSTRY
(see also subdivision under Moscow Province)

Sionim, A. I. [Organization of the technical preparation of production in the instrument industry] Organizatsiia tekhnicheskoi podgotovki proizvodstva v priborostroenii. Izd. 2., perer. i dop. Leningrad, Sudpromgiz, 1962. 177 p.

INSTRUMENT LANDING SYSTEMS

Landing by means of radar sight. A. Petrushin. Av. i kosm. 45 no. 10 55-58 '62.

INSTRUMENT MANUFACTURE

Gavrilov, A. N. [Technological processes in the manufacture of aeronautical instruments] Tekhnologiia aviatsionnogo priborostroeniia. Izd. 2., perer. i dop. Moskva, Oborongiz, 1962. 472 p.

INSTRUMENTS—BIBLIOGRAPHY see Bibliography—Instruments

INSTRUMENTS—COOLING

Effect of perforation on the overheating of equipment. Sh. IU. Ismailov, A. M. Smoliarov. Priborostroenie no. 10, 27 O '62.

INSULATING MATERIALS

The IM-6P machine for insulating pipelines with polymer bands. N. P. Shagov. Biul. tekh.-ekon. inform. Gos. nauch.-issl. inst. nauch. i tekh. inform. no. 10, 32-33 '62.

Some facts about thermal insulating materials. L. F. IAnkelev. Mont. i spets. rab. v stroi. 24 no. 10:16-18 O '62.

INSULATING MATERIALS—STANDARDS

"Insulating and acoustical materials and products." Biul. stroi. tekh. 19 no. 10:5-8 O '62.

State standard for sealing strips for windows and doors. Biul. stroi. tekh. 19 no. 10:22-23 O '62.

State standard for vulcanite products. Biul. stroi. tekh. 19 no. 9:20 S '62.

INSULATING OILS

Use of silica gel with activated gaseous ammonia for regenerating the insulating oil of operating transformers. I. V. Biai and others. Energetik 10 no. 8, 23-26 Ag '62.

INSULATION (HEAT)

Determining the smallest ribband width in heated spaces IU F Nesterov Sudostroenie 28 no 9 21-25 S '62

Manufacture of slabs of "termiz" A. Tolkachev. Sel'. stroi no 9 16 S '62

Zelikson, N. M., and M. G. Shpeer. [Heat insulation of the piping of heat distribution networks] Teplovaia izoliatsiia truboprovodov teplovykh setei. Moskva, Gosenergoizdat, 1962. 127 p.

INSULIN

Change in the reactivity of diabetes mellitus patients to insulin under the influence of health resort treatment in Yessentuki I. D. Frenkel'. Uch. zap. Pyat. gos. nauch.-issl. bal'n. inst 3 185-190 '60.

Physicochemical properties and hormonal activity of insulin exposed to the action of ultrasonic waves. I. E. El'piner, I. I. Stekol'nikov. Dokl. AN SSSR 146 no. 3: 700-703 S '62.

INSULIN SHOCK THERAPY

Change in the permeability of the hemato-encephalic barrier and the phagocytosis of the leucocytes in schizophrenics under the influence of insulin therapy. T. E. Romel'. Trudy Gos. nauch.-issl. inst. psikh. 27 238-241 '61.

Cytochemical changes in the leucocytes in the blood of schizophrenics. A. I. Kukoleva. Trudy Gos. nauch.-issl. inst. psikh. 27 248-254 '61.

Dynamic change in the blood sugar content in schizophrenics during the combined action of insulin and adrenaline. G. P. Baklanov Trudy Gos. nauch.-issl. inst. psikh. 27 112-119 '61.

Experimental study of the changes in the permeability of the hemato-encephalic barrier and capillaries under the influence of aminazine and insulin. M. IA. Maizelis. Trudy Gos. nauch.-issl. inst. psikh. 27 232-237 '61.

Phagocytic reflex in schizophrenia and its change under the influence of insulin therapy and caffeine. M. I. Vorob'ev. Trudy Gos. nauch.-issl. inst psikh. 27:242-247 '61.

INSURANCE, AGRICULTURAL

Development of state insurance under present-day conditions. V. Baranov Fin SSSR 23 no. 10:34-41 O '62

INSURANCE, AGRICULTURAL—CROPS

Insurance of farm crops. F. S. Gulinov. Zemledelie 24 no. 9:28-32 S '62.

INSURANCE, SOCIAL
(see also subdivision under Irkutsk Province; Krasnoyarsk Territory)

From the collegium of the ministry. Sots. obesp. 23 no. 10:51-53 O '62.

Our community workers. Sots. obesp. 23 no. 10:1-4 O '62.

INSURANCE, SOCIAL—ACCOUNTING

Mechanization is made use of. V. Shishkina. Sots. obesp. 23 no. 10 9-12 O '62.

INTAKES (HYDRAULIC ENGINEERING see subdivision under Aparan District

INTEGRAL EQUATIONS

A particular case in the theory of singular equations [with summary in English]. A. E. Kosulin. Vest. LGU 17 no. 19:142-148 '62.

Singular Cauchy problems for Chaplygin's equation. M. B. Kapilevich. Dokl. AN SSSR 146 no. 3:527-530 S '62.

INTEGRALS, GENERALIZED

Derivatives of certain singular integrals. L. V. Zhornitskaia. Izv. vys. ucheb. zav., mat. no. 4:62-72 '62.

Order of convergence of m-singular integrals of a periodic function in generalized Lebesgue points and in an L_p $(-\pi, \pi)$ space [in Azerbaijani with summary in Russian]. R. G. Mamedov. Izv. AN Azerb. SSR. Ser. fiz.-mat. i tekh. nauk no. 2:25-26 '62.

Tauberian theorems for Dirichlet series and integrals. M. A. Subkhankulov. Trudy AN Tadzh. SSR 109:25-36 '61.

INTEGRATORS

Methodical error of discrete integration. A. S. Nemirovskii. Trudy inst. Kom. stand. mer i izm. prib. no. 57:68-77 '62.

INTEGRODIFFERENTIAL EQUATIONS

Numerical solution to Cauchy's problem for a certain class of linear integrodifferential equations. T. I. Nazarenko. Izv. vys. ucheb. zav.; mat. no. 4:110-117 '62.

INTELLECTUALS

Prots'ko, M. A. [The role of the intelligentsia in the building of a communist society] Rol' intelligentsii v stroitel'stve kommunisticheskogo obshchestva. Moskva, Izd-vo VPSh i AON, 1962. 74 p.

INTELLECTURAL LIFE see subdivision under Nezhin, Ukraine; Vologda Province

INTERCONNECTED ELECTRIC UTILITY SYSTEMS

Effect of the errors of hydrologic forecasts on the performance of a hydroelectric power station in a consolidated electric utility system. S. M. Mursaliian. Izv. vys. ucheb. zav., energ. 5 no. 9:103-107 S '62

INTERFEROMETER

The IZK-57 interferometer for measuring ball diameters. IU. V. Kolomiitsov, A. S. Egudkin. Izm. tekh. no. 10: 8-11 O '62.

INTERGOVERNMENTAL MARITIME CONSULTATIVE ORGANIZATION

Convention on the Intergovernmental Maritime Consultative Organization. Inform. sbor. TSNIIMF no. 71 Mor. pravo i prak. no 15 28-44 '61

INTERIOR DECORATION

"Furnishing an apartment" by A. N. Cherepakhina Reviewed by A. Novochadov. Zhil.-kom. khoz. 12 no 5 25 My '62.

Temerin, S. M. [Decorative scheme in everyday life and cultivation of taste] Khudozhestvennoe oformlenie byta i vospitanie vkusa Moskva, Izd-vo Akad. khudozh. SSSR, 1962 48 p. Illus. (Bibliotska po vsheobshchel'nomu iskusstvu dlia narodnykh universitetov kul'tury, khudozhestvennoi samodeiatel'nosti i shkol'nykh bibliotek)

INTERMETALLIC COMPOUNDS

Phase diagram of the system Nb_3Al-Nb_3Nb. B. S. Mints, G. F. Bellaeva, IU. S. Malkov Zhur neorg. khim. 7 no. 10:2302-2307 O '62.

Secondary electron emission from GaAs, InSb, Au_2Mg, V. G. Bol'shov. Fiz. tver. tela 4 no. 4:805-808 Ap '62.

INTERMETALLIC COMPOUNDS—MAGNETIC PROPERTIES

Interatomic interaction in intermetallic compounds with transition metal aluminum, and transition metal silicon. S. A. Nemnonov and others. Fiz. met. i metalloved. 14 no. 4:535-541 O '62.

INTERNAL CONVERSION (NUCLEAR PHYSICS)

Dzantsyna, G. F. [Internal conversion factors for L_I, L_{II}, and L_{III} subshells] Koeffitsienty vnutrennei konversii na L_I, L_{II}, i L_{III} - podobolochkakh. Ed. red. B. S. Dzhelepova. Moskva, Izd-vo Akad. nauk SSSR, 1957. 52 p.
(RPB)

INTERNAL FIXATION IN FRACTURES

Fixator-clip for the surgical treatment of compression fractures of the vertebral bodies. I. A. Romikh. Vest. khir. 89 no. 8:83-85 Ag '62.

INTERNAL MEDICINE see Medicine, Internal

THE INTERNATIONAL

Dissemination of the publications of the Russian section of the First International in the Russian revolutionary underground [with summary in English, pp. 218-219]. B. S. Ronberg. Vop. ist. no. 10:40-49 O '62.

"History of the International" [in German] by J. Braunthal. Vol. 1. Reviewed by G. G. Kutanov. Nov. i noveish. ist. no. 4:160-165 '62.

INTERNATIONAL BROADCASTING see subdivision under Communist Countries; Czechoslovakia

INTERNATIONAL COMMITTEE OF HISTORICAL SCIENCES

Important decisions of the Bureau and Assembly of the International Committee of Historical Sciences. A. A. Guber. Nov. i noveish. ist. no. 4:190 '62.

INTERNATIONAL COMPETITION see Competition, International

INTERNATIONAL COOPERATION

Joint Franco-Soviet expedition to study auroras. S. I. Isaev, A. B. Korotin, IA. I. Feldshteln Geomag. i aer. 2 no. 5, 1014-1015 S-O '62

INTERNATIONAL COOPERATION IN SCIENCE see Science—International cooperation

INTERNATIONAL ECONOMIC RELATIONS

Behind the screen of official diplomacy. Mezhdunar. zhizn' 9 no. 11:150-151 N '62.

INTERNATIONAL JEWISH LABOR BUND

Gorts, IA. Sh. and S. M. Shvarts. [The Zubatov movement in Minsk] Zubatovshchina v Minske. New York, 1962. 20 p.

INTERNATIONAL LABOR ORGANIZATION

The industrial committees of the International Labor Organization. R. Aslanian. Sots. trud 7 no. 8:148-151 Ag '62.

Will the International Labor Organization find a way out of contradictions? Jan Kabourek. Vsem. prof. dvizh. no. 8/9:36-38, 45 Ag-S '62.

INTERNATIONAL LAW

How international law protects human life on the sea. V F Meshera Inform. sbor TSNIIMF no. 16 Mor. pravo i prak. no. 8,3-5 '60.

Tunkin, G. I. [Problems of the theory of international law] Voprosy teorii mezhdunarodnogo prava. Moskva, Gosiurizdat, 1962, 329 p.

We should eliminate the harmful results of the cult of personality in the theory of international law. E.Korovin. Sots. zakon. 32 no. 8:46-49 Ag '62.

INTERNATIONAL RELATIONS—BIBLIOGRAPHY see Bibliography—International relations

INTERNATIONAL RELATIONS—PERIODICALS see subdivision under Germany, West

INTERNATIONALISM

Gal'perin, M.IU. [Proletarian internationalism is the ideological foundation for collaboration among socialist states] Proletarskii internatsionalizm - ideinaia osnova sodruzhestva sotsialisticheskikh gosudarstv. Leningrad, Ob-vo po rasprostraneniiu polit. i nauchn. znanii RSFSR, 1960. 35 p. (NNC)

INTERPOLATION

Khovanskii, G.S. [Nomograms for linear interpolation] Nomogrammy dlia lineinoi interpolitatsii. Moskva, Vychislitel'nyi tsentr AN SSSR, 1962. 14 p. 10 graphs.

INTERSTELLAR GASES see Gases, Interstellar

INTESTINES

Mechanism of enzymatic breakup of starch in the intestine. P.De Laey, N.N.Iezuitova. Dokl.AN SSSR 146 no.3:731-733 S '62.

INTESTINES—DISEASES

Lowering the incidence and eliminating the occurence of intestinal diseases in a district A.N.Isaev Zhur.mikrobiol., epid.i immun. 33 no.4:118-119 Ap '62.

INTESTINES—INNERVATION

Effect of tuberculosis infected blood from an animal donor on the functional state of the chemoreceptors of the small intestine in a healthy animal recipient. I.E. Gaber. Kfiziol.refl.nerv.sist.v pat., immun.i lech. tub. no.2:23-30 '61.

INTESTINES—OBSTRUCTIONS

Adhesive obstruction of the intestine after an appendectomy. G.S.Levin. Zdrav.Bel. 8 no.5:51-52 My '62

INTESTINES—TUBERCULOSIS

Effect of experimental tuberculosis of the small intestine on interoceptive reflexes and the structure of the intramural nerve formations. I.E.Gaber, A.L. Mikeladze, K.fiziol.refl.nerv.sist.v pat., immun.i lech.tub. no.2:31-37 '61.

INTRATRACHEAL ANESTHESIA

Analysis of some early complications of tracheal intubation. I.E.Sun-Shik. Khirurgiia no.8 120-123 '62.

Characteristics of intubation anesthesia in children. F.R.Cherniakhovskii. Vest.khir. 89 no.8:57-60 Ag '62.

INVARIANTS

On computable invariants. A.A.Markov. Dokl.AN SSSR 146 no.5:1017-1020 O '62.

INVASION OF 1812—MEDICAL AND SANITARY AFFAIRS see subdivision under Russia

INVASION OF 1812—MEDICAL CARE see subdivision under Russia

INVENTIONS

Put inventions to serve the national economy. Mor.flot 22 no.10:28 O '62.

INVESTMENTS, AMERICAN see subdivision under Australia; Formosa

INVESTMENTS, BRITISH see subdivision under Australia

INVESTMENTS, FOREIGN
(see also subdivision under India)

From the history of the penetration of foreign capital into the electric industry of Russia; "Great Russian Syndicate of 1899," V.S.Diakin. Trudy LOII AN SSSR. no.4:208-239 '62.

INVESTMENTS, FRENCH
(see also subdivision under Ural Mountain region)

The International Bank of St. Petersburg and French financial capital during the years of the first industrial upsurge in Russia; development and operation of the "General Society for Industrial Development in Russia." IU.B.Solov'ev. Trudy LOII AN SSSR. no.4:377-407 '62.

IODIDES

Iodide complexes of copper A.M.Golub, S.M.Sazhienko, L.I.Romanenko Ukr.khim.zhur. 28 no.5,561-565 '62.

IODINE

Quantum yields of iodine photodissociation in solutions. L.V.Savitskii, IA.K.Syrkin. Dokl.AN SSSR 146 no.3, 649-651 S '62.

IODINE—PHYSIOLOGICAL EFFECT

Effect of diets containing different quantities of vitamin A and iodine on the state of the thyroid gland in rats [with summary in English]. N.B.Lutsiuk. Vop.pit. 21 no.3 9-11 My-Je '62.

Soil fertilization with iodine resources of the Maritime Territory as a prophylactic measure against endemic goiter [with summary in English]. G.P.Gurevich Izv.AN SSSR, Ser.biol. no.5:791-796 S-O '62.

IODOMETRY

Iodometric determining of the amount of saccharose content. P.M.Stiina. Sakh.prom. 36 no.10:77 O '62.

ION BEAMS

Angular distribution of fast particles departing from a metal surface irradiated by an ion beam. E.S.Mashkova, V.A.Molchanov. Dokl.AN SSSR 146 no.3:585-587 S '62.

ION EXCHANGE

Determination of the composition and stability constants of rhodanide complexes of $Am^{(III)}$, $Cm^{(III)}$, and $Ce^{(III)}$ by the ion exchange method. I.A.Lebedev, G.N.IAkovlev. Radiokhimiia 4 no.3:304-308 '62.

Ion exchange under dynamic conditions. Report No.1: Phenomenological equation of the curve of yield V.M. Barbot and others. Izv.vys.ucheb.zav.;tekh.leg.prom. no.4:37-45 '62.

Method of calculating the amount of ion exchange reaction products without change of the mole number. O.K. Sokolov. Izv.vys.ucheb.zav., tsvet.met. 5 no.5:48-53 '62.

Methods for determining the general anion-exchange absorptive capacity of roots by adsorption [with summary in English] A.V Peterburgskii, G.L. Nelidova. Fiziol.rast. 9 no.5 651-653 '62.

Radiation-induced chemical synthesis of new ion exchange sorbents of organomineral nature. E.V.Egorov and others. Dokl.AN SSSR 146 no.6:1360-1362 O '62.

Sorption of long-lived fission products by soils and clay elements. Part 3. Selectivity of soils and clays with respect to Sr^{90} under various conditions. IU.A. Kokotov, R.F.Popova. Radiokhimiia 4 no.3:328-334 '62

Studying the rate of the ion equilibrium reaction during the sorption of uranium VI by cationites. E.I.Kazantsev. Izv.vys.ucheb.zav.; tsvet.met. 5 no.5:106-112 '62.

Thermal effects of the exchange reactions of salts containing analogous ions with different charges. N.K. Voskresenskaia, E.L.Kivovtazov. Zhur.neorg.khim. 7 no.10,2426-2433 O '62.

Use of cation exchangers in the form of salts for removing foreign anions in the determination of nitrates. I.K.TSitovich, T.A.Lapina. Zhur.VKHO 7 no.5: 576-580 '62.

Vanadium sorption from HF - HCl solutions by anionites. V.S.Pakholkov, A.IA.Korbut. Izv.vys.ucheb.zav.; tsvet.met. 5 no.5:100-105 '62.

ION EXCHANGE RESINS

Enzymatic activity of ribonuclease absorbed on SBS-4 sulforesin. A.Mkrtumova, G.A.Debolin. Dokl.AN SSSR 146 no.6 1431-1436 O '62.

Investigating the sorption of ions by cation exchangers with a different degree of cross-linking M.T Lysenko, V.M. Barbot. Izv.vys.ucheb.zav.;tekh.leg.prom. no.4:49-54 '62.

Method of preparing pure lactulose with the aid of ion exchange resins. Z.B.Shaposhnikova, I.V.Alekseeva, I.R.Rominskii. Ukr.khim.zhur. 28 no.6,724-725 '62.

IONIC CRYSTALS

Electronic and ionic emission of faces (110) and (100) of large tungsten monocrystals. E.P.Sytaia, M.I. Smorodinova, N.I.Imangulova. Fiz.tver.tela 4 no.4: 1016-1020 Ap '62.

Lifetime of excited F-centers. S.I.Pekar, IU.E. Perlin. Zhur.eksp.i teor.fiz. 43 no.3;1108-1110 '62.

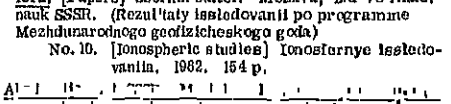
IONIZATION

Effect of ionizing radiation on the catalytic dehydration of n. dodecyl alcohol Vikt.I.Spitsyn, G.N. Pirogova, I.E Mikhailenko Izv.AN SSSR, Otd.khim.nauk no.9: 1516-1520 S '62

IONOSPHERE
(see also subdivision under Antarctic regions)

Akademiia nauk SSSR. Mezhduvedomstvennyi geofizicheskii komitet. V razdel programmy MGG. Ionosfera. [Papers] Sbornik statei. Moskva, Izd-vo Akad. nauk SSSR. (Rezul'taty issledovanii po programme Mezhdunarodnogo geofizicheskogo goda)

No.10. [Ionospheric studies] Ionosfernye issledovaniia, 1962. 154 p.



No.1. [Magnetic and ionospheric disturbances] Magnitno-ionosfernye vozmushcheniia, 1959. 72 p.

Basic results of studying ionospheric drifts in the U.S.S.R. in the IGY--IGC program S.F Mikotan. Geomag.i aer. 2 no.4 694-707 Jl-Ag '62

Effect of a local increase in the conductivity of the E-layer of the ionosphere on the S_q variation of the earth's magnetic field K.G Ivanov. Geomag.i aer. 2 no.5 943-948 S-O '62

Effect of the solar eclipse of February 15, 1961 in the ionosphere V.N Antsyshkina Geomag.i aer. 2 no.4 791-793 Jl-Ag '62

Ionization of the upper atmosphere with short-wave solar radiation. G.S. Ivanov-Kholodnyi Geomag.i aer. 2 no.4 674-687 Jl-Ag '62

Ionospheric disturbances from observations made at Murmansk Station N.V Shulgina Geomag.i aer. 2 no.5 878-885 S-O '62.

Preliminary results of measurements of the height of ionospheric nonuniformities from signals from an artificial satellite L.M Erukhimov. Geomag.i aer. 2 no.4 688-690 Jl-Ag '62.

Some regularities in the altitude distribution of ion concentrations in the atmosphere. S.P IAtsenko Geomag.i aer. 2 no.5,873-877 S-O '62.

Spatial connection of auroras with electric currents in the ionosphere. M.I.Pudovkin, L.S.Ivashin Geomag.i aer. 2 no.1 669-673 Jl-Ag '62.

Study of plasma waves in the ionosphere E.A Benediktov, V.O Rapoport, V.IA. Lidman Geomag.i aer. 2 no.4:708-711 Jl-Ag '62

Vertical distribution of electron density above Murmansk E.V Suknorukova. Geomag.i aer. 2 no.5 904-906 S-O '62.

IONOSPHERE—CONGRESSES

Conference on the ionosphere held in Nice December 11-17, 1961. N.P.Benkova, Geomag.i aer. 2 no.4, 794-797 Jl-Ag '62.

IONOSPHERE—OBSERVATIONS

Akademiia nauk SSSR. Institut zemnogo magnetizma, ionosfery i rasprostraneniia radiovoln. Murmansk. Moskva. (Its.Materialy ionosfernykh issledovanii)

Sept.-Oct. 1957. 1960. 57 p.
Nov.-Dec. 1957. 1960. 67 p.
March-Apr. 1958. 1960. [77 p.]
Sep.-Oct. 1958. 1960. 57 p.
[MICROFILM]

Some problems in automatic data processing of panoramic vertical sounding. A.I Galkin. Geomag.i aer. 2 no.1 782-790 Jl-Ag '62.

IONOSPHERIC RADIO WAVE PROPAGATION

Comparison of statistical characteristics of the fluctuation of the field of direct and reflected ultrashort radio wave signals in the troposphere. Radiotekh.i elektron. 7 no.10;1690-1702 O '62.

Correction to the paper "Survey of the present state of studies of the propagation of ultralong electromagnetic waves" IU K Kalinin Geomag.i aer. 2 no.5 1013 S-O '62

Properties of the coefficients of refraction, attenuation and the coefficient of passing through the ionosphere at low and ultralow frequencies. D.S. Filgel'. Geomag.i aer. 2 no.5 886-903 S-O '62

IONOSPHERIC RADIO WAVE PROPAGATION—CONGRESSES

Sixth Conference of the Research Commission of the International Advisory Committee on Radio (held in Geneva from June 7 to 23, 1962) N.P Benkova Geomag.i aer. 2 no.5 1017 S-O '62

IONOSPHERIC RESEARCH

One effect of measuring the electron concentration in the ionosphere by the antenna probe method G.G.Getmantsev, N.G.Denisov. Geomag.i aer. 2 no.4,691-693 Jl-Ag '62.

Study of irregularities of electron density in the ionosphere using radio astronomical methods and artificial earth satellites; review. L.M.Erukhimov. Izv.vys. ucheb.zav.; radiofiz. 5 no.5;830-865 '62.

Using the spacial dispersed reception method from a small base to study the nonuniform structure of the ionosphere. L.V Grishkevich Geomag.i aer. 2 no.5 909-917 S-O '62

IONS

Concentration of ions accumulated in saturated hydrocarbons irradiated at low temperature. E.L. Frankevich, B.S.IAkovlev. Izv AN SSSR, Otd.khim.nauk no.9,1699 S '62.

Cross sections for the dissociation of D_2^+ ions into D_2^+ and D^+ ions in collisions with deuterium molecules [with summary in English]. S.E.Kuprianov, A.A. Perov, N.N.Tunitskii. Zhur.eksp.i teor.fiz. 43 no.3:763-764 '62.

Effect of strange ions on the electroconductivity of alkali metal halide crystals. IA.N. Pershits. Izv.vys. uch.zav.;fiz. 3:3-8 '62.

Transfer reactions of 2n and 3n by bombardment of Al, Cu, and Ta with N^{15} and N^{14} ions [with summary in English]. V.V Volkov and others. Zhur.eksp.i teor. fiz. 43 no.3;865-872 '62.

IRAN—BANKS AND BANKING

Accounts and Loan Bank of Persia in 1894-1907. IU V Anan'ich. Trudy LOII AN SSSR. no.4:274-314 '62.

IRAN—FOREIGN RELATIONS—RUSSIA

Abi-Ibze-Bichi Karabagskii's diplomatic visit to Abbas-Mirza. S. V. Shostakovich. Iz. AN Azerb. SSR. Ser. obshchestv. nauk no. 8:15-22 '62.

Armenible mirza. V. Sutorov. Az. i Afr. seg. no. 10:6 O '62.

IRAN—HISTORY

D'iakonov, M. M. [Outline of the ancient history of Iran] Ocherk istorii drevnego Irana. Moskva, Izd-vo vostochnoi lit-ry, 1961. 443 p.

IRAN—LABOR AND LABORING CLASSES

Stamkin, A. I. [Worker and trade-union movement in Iran, 1941-1946] Rabochee i profsoiuznoe dvizhenie v Irane, 1941-1946. Baku, Akad. nauk Azerbaidzhanskoi SSR, 1961. 179 p. [In Azerbaijani]
(MH)

IRAN—MILITARY BASES

Armenible mirza. V. Sutorov. Az. i Afr. seg. no. 10:6 O '62.

IRAN—TRADE UNIONS

Shamkin, A. I. [Worker and trade-union movement in Iran, 1941-1946] Rabochee i profsoiuznoe dvizhenie v Irane, 1941-1946. Baku, Akad. nauk Azerbaidzhanskoi SSR, 1961. 179 p. [In Azerbaijani]
(MH)

IRANIAN LANGUAGE—TRANSLITERATION INTO RUSSIAN

Moscow. TSentral'nyi nauchno-issledovatel'skii institut geodezii, aerosʺemki i kartografii. [Dictionary of Russian transliteration of Iranian geographical names] Slovar' russkoi transkriptsii geograficheskikh nazvanii Irana. Sost. V. I. Savina. Moskva, 1961. 215 p.

IRAQ—ANTIQUITIES

"The artifacts of Hatra and Parthian art" [in English] by Shinji Fukai. Reviewed by G. A. Koshelenko. Vop. ist. no. 10:196-199 O '62.

IRAQ—FOREIGN RELATIONS

We are responsible for the future. Abd al-Wahhab al-Bayati. Az. i Afr. seg. no. 10:24-25 O '62.

IRBIT—HOUSING MANAGEMENT

In farakan, Irbit. V. IAgodin. Zhil.-kom. khoz. 12 no. 5:7 My '62.

IRELAND—HISTORY

Irishmen and the Chartist movement. A. D. Kilpatov. Nov. i noveish. ist. no. 4:100 '62.

IRIDIUM-PALLADIUM ALLOYS—ELECTRIC PROPERTIES

Effect of iridium on the mechanical and electrical properties of palladium. A. A. Rudnitskii, V. P. Poliakova. Zhur. neorg. khim. 7 no. 10:2361-2365 O '62.

IRIS (PLANT)

Rodionenko, G. I. [Irises] Irisy. Moskva, Izd-vo M-va kommun. khoz. RSFSR, 1961. 60 p.
(DNAL)

IRKUTSK—BIBLIOGRAPHY—HISTORY

Irkutsk. Oblastnaia biblioteka. [Three hundredth anniversary of Irkutsk, short bibliographic guide] Irkutsku 300 let, kratkii rekomendatel'nyi ukazatel' literatury. Irkutsk, 1961. 20 p.
(MH)

IRKUTSK—COMMUNIST PARTY OF THE SOVIET UNION

Zykov, A. N. [Communists of Irkutsk in the struggle for the realization of Lenin's cooperation plan, 1921-1925] Irkutskie kommunisty v bor'be za osushchestvlenie Leninskogo kooperativnogo plana, 1921-1925 gg. [Irkutsk] Irkutskoe knizhnoe izd-vo, 1961. 143 p.
(MH)

IRKUTSK—COOPERATION

Zykov, A. N. [Communists of Irkutsk in the struggle for the realization of Lenin's cooperation plan, 1921-1925] Irkutskie kommunisty v bor'be za osushchestvlenie leninskogo kooperativnogo plana, 1921-1925 gg. [Irkutsk] Irkutskoe knizhnoe izd-vo, 1961. 143 p.
(MH)

IRKUTSK BASIN—COAL GEOLOGY

Lithology and facies of *Jurassic sediments* in the Sayan fault (northwestern part of the Irkutsk-Cheremkhovo coal-bearing basin). A. V. Il'ukhina. Trudy VSGI SO AN SSR no. 3, 72-81 '62.

IRKUTSK PROVINCE—FOREST FIRES—PREVENTION AND CONTROL

Jump into the fire. Iu. Gavrilov. Vokrug sveta no. 8: *49-54 S '62.*

IRKUTSK PROVINCE—FROZEN GROUND

Some features in the development of frozen rocks in the Lenskiy placers. E. V. Pinnekor. Geol. i geofiz. no. 8 78-85 '62.

IRKUTSK PROVINCE—GEOLOGY, STRATIGRAPHIC

Geology of *Jurassic sediments in the northwestern part* of the Irkutsk amphitheater. M. M. Odintsov, M. M. Odintsova, L. V. Bashkirov. Trudy VSGI SO AN SSR '61.

IRKUTSK PROVINCE—INSURANCE, SOCIAL

Siberians carry out the party resolutions. Sots. obesp. 23 no. 10:5-8 O '62.

IRKUTSK PROVINCE—PLANTS—CHEMICAL ANALYSIS

Amount of ascorbic acid in local varieties of vegetables and some wild plants. G. I. Zvereva. Vop. pit. 21 no. 3:84-86 My-Je '62.

IRON

Content of iron impurities in sodium sulfide solution depending on various factors. M. M. Kashnit. Ukr. khim. zhur. 28 no. 5:648-650 '62.

Kinetics of coprecipitation of a mixture of iron with calcium hydroxide from caustic alkali solutions. M. M. Kushnir. Ukr. khim. zhur. 28 no. 3:409-411 '62.

IRON—ANALYSIS

Photometric determination of magnesium in the presence of iron. A. K. Babko, N. V. Lutokhina. Ukr. khim. zhur. 28 no. 3:389-393 '62.

IRON—CORROSION

Investigation of the gas corrosion of iron by means of contact difference of potentials. R. Kh. Burshtein, G. M. Kornacheva, N. A. Shurmovskaia. Dokl. AN SSSR 146 no. 3:631-634 S '62.

IRON ALLOYS—METALLURGY

Formation of porosities during the austenitizing and graphitizing of iron alloys. A. A. Baranov. Izv. AN SSSR, Otd. tekh. nauk, Met. i topl. no. 5:96-101 S-O '62.

IRON ALLOYS—THERMAL PROPERTIES

Geometrical thermodynamics of iron alloys. A. A. Zhukov. Izv. vys. ucheb. zav. chern. met. 5 no. 9, 165-172 '62.

IRON-ALUMINUM ALLOYS—METALLOGRAPHY

Microwave X-ray spectroscopy of Fe-Al-C alloys. S. B. Maslenkov, B. V. Molotilov. Fiz. met. i metalloved. 14 no. 4:633-635 O '62.

IRON-ALUMINUM-MOLYBDENUM ALLOYS—METALLOGRAPHY

Recrystallization and grain growth in iron-aluminum-molybdenum alloys. N. G. Lakhman, B. G. Livshits. Izv. vys. ucheb. zav. chern. met. 5 no. 9, 155-159 '62.

IRON AND STEEL BRIDGES *see* Bridges, Iron and steel

IRON AND STEEL PLANTS
(see also subdivision under Donetsk; Kommunar, Donetsk Province; *Ural Mountain region*)

Loss reduction in metallurgy. G. Brodskii. Metallurg 7 no. 11:33 N '62.

Stages of a long journey. Metallurg 7 no. 11:1-4 N '62.

Use of natural gas in ferrous metallurgy. E. G. Kherpko, V. P. Adrianova, N. A. Shapovalov. Izv. vys. ucheb. zav. chern. met. 5 no. 9:5-9 '62.

IRON AND STEEL PLANTS—SAFETY MEASURES

Normalizing labor conditions in the repair of smoke stacks. P. D. Ermakov, V. V. Voronkov. Stal' 22 no. 10:947-950 O '62.

IRON AND STEEL PLANTS—TECHNOLOGICAL INNOVATIONS *see subdivision under Novokuznetsk*

IRON AND STEEL WORKERS

They are working in the communist way. M. Borodavkin. Metallurg 7 no. 11:37-40 N '62.

Two destinies. M. A. Bofko, A. Matiunin. Metallurg 7 no. 11:34-36 N '62.

IRON COMPOUNDS—SPECTRA

Complex formation in the system trivalent iron ion - nitrone - rhodanide. Part 7: Composition and absorption *spectra of the nitrone* - rhodanide complex of iron in dichloroethane. V. N. Tolmachev, A. S. Babenko. Ukr. khim. zhur. 28 no. 6:664-668 '62.

IRON MINES AND MINING
(see also subdivision under Krivoy Rog Basin; Kursk Magnetic Anomaly; Ukraine; Ural Mountains)

Ore supply centers for the U. S. S. R. ferrous metallurgy. I. S. Shapiro. Metallurg 7 no. 11, 9-10 N '62.

IRON MINES AND MINING—COSTS see subdivision under Kustanay Province

IRON MINES AND MINING—SAFETY MEASURES see subdivision under Krivoy Rog Basin

IRON-NICKEL ALLOYS see Nickel-iron alloys

IRON-NICKEL-CARBON ALLOYS see Nickel-iron-carbon alloys

IRON ORES
(see also subdivision under Bakal region; Kerch Peninsula; Krivoy Rog Basin, Turgay Gates)

Comparison of various drum separators for wet separation of magnetic ores. V. G. Derkach and others. Gor. zhur. no. 11:67-70 N '62.

Crushing moist clayey iron ores; from foreign literature. L. N. Voronin. Gor. zhur. no. 10:68-70 O '62.

IRON ORES—ANALYSIS

Geological study and method of prospecting for [illegible] deposits. S. F. Chernoplatov. Razved. i okhr. nedr no. 6:10-14 Je '62.

IRON OXIDE

Accelerated precipitation of artificial and natural iron oxide pigments. V. P. Rimarik. Zhur. VKHO [illegible] 591 '62.

Possibility of the separate determination of trivalent and pentavalent arsenic in the presence of iron(III) and ferrous oxides. V. V. Gusev, O. I. [illegible]. Ukr. khim. zhur. 28 no. 3:377-382 '62.

Reaction of arsenious anhydride with iron oxide at high temperatures. V. V. Gusev. Ukr. khim. zhur. [illegible] 577-581 '62.

IRON PLATING

Reconditioning of worn-out machine parts by iron plating. A. F. Mikul'chik. Trudy Sem. po kurs. proektir. [illegible] 105-109 '61.

IRON SELENIDE—THERMAL PROPERTIES

Thermal stability of iron and nickel selenides and tellurides. Iu. V. Rumiantsev, G. M. Zhidomirova, E. M. Bolondz'. Trudy Vost. Sib. fil. AN SSSR no. 11:134-[illegible] '62.

IRON TELLURIDE—THERMAL PROPERTIES

Thermal stability of iron and nickel selenides and tellurides. Iu. V. Rumiantsev, G. M. Zhidomirova, E. M. Bolondz'. Trudy Vost. Sib. fil. AN SSSR no. 11:134-[illegible] '62.

IRON-VANADIUM ALLOYS—HARDENING

Equilibrium of nitrogen and vanadium in [illegible]. L. G. Korolev, A. N. Morozov. Izv. vys. ucheb. zav. chern. met. 5 no. 9:38-42 '62.

IRONWORKS *see* Iron and steel plants

IRRIGATION
(see also subdivision under Ararat region, Astrakhan Province, Kara Kum Canal region, Kirghizistan)

Means of washing saline soils. A. Z. Mingalleva. Sb. Fed. mel. op. sta. no. 2:94-106 '61.

Methods for determining the untimated optimum [illegible] of irrigation sources in uncontrolled flow. I. I. [illegible]. Izv. AN Kir. SSR, Ser. est. i tekh. nauk 1 no. 1:91-[illegible] '62.

Some problems in planning systems of zonal irrigation using machines. V. A. Baranov. Vop. gidr. [illegible] 5-98 '62.

Using air pressure tanks to adjust pressure in [illegible] pipelines of irrigation systems. V. A. Baranov. Vop. gidr. no. 5:60-79 '62.

Washing effect of irrigating saline soils during the vegetation period. M. N. Rozhdestvenskii. Trudy Sev.-Kav. mel. op. sta. no. 2:120-130 '61.

IRRIGATION CANALS AND FLUMES
(see also subdivision under Golodnaya Steppe, Kirghizistan)

Gauge attachment as a means of automatic [illegible] of discharges in irrigation canals. V. E. Kiriakov. Vop. gidr. no. 4:7-28 '62.

Gauges for irrigation canals with a discharge of [illegible] m³/sec. M. V. Butyrin. Vop. gidr. no. 1:90-[illegible] '62.

Tube-type gauges with a contraction at the exit [illegible], which produces resistance. V. P. Storkovskaia. Vop. gidr. no. 4:29-35 '62.

IRRIGATION CANALS AND FLUMES—EQUIPMENT AND SUPPLIES

Design and experimental studies of a floating automatic device. I. B. Chizh. Vop. gidr. no. 4:76-91 '62.

Intrafarm PAR spring-equipped automatic device for assuring constant discharge. M. V. Butyrin. Vop. gidr. no. 4:66-75 '62.

IRRIGATION FARMING
(see also subdivision under Ukraine)

Shumakov, B. A., ed. [Irrigation farming] Orashaemoe zemledelie. Moskva, Izd-vo M-va sel'. khoz. RSFSR, 1962. 191 p.
(DNAL)

IRTYSH VALLEY—INLAND WATER TRANSPORTATION

Ways of developing the Ob'-Irtysh Basin. N. N. Mel'. Rech. transp. 21 no. 10:10-11 O '62.

IRTYSH VALLEY—WATER, UNDERGROUND—ANALYSES

Hydrochemical studies in the ore-bearing region of the Irtysh Valley. G. B. Sveshnikov, Shen' Chzhao-li [Shen Chao-li]. Uch. zap. LGU 303:301-319 '62.

ISAAKIAN, AVETIK, 1876-1957

Ter-Mkrtichian, L. K., ed. [Avetik Isaakian in Russian literary criticism; articles, opinions, letters] Avetik Isaakian v russkoi kritike; stat'i, vyskazyvaniia, pis'ma. Erevan, Armgosizdat, 1961. 174 p.
(CU)

ISIL'-KUL'—ALGAE

Morphology of Lyngbya aestuarii (Mert.) Liebm. M. A. Cherniavskaia. Bot. mat. Otd. spor. rast. 15:15-19 Ja '62.

ISOMERISM
Study of the internal rotation and rotational isomerism (conformations) of molecules by spectroscopic methods. IU A. Pentin, V M Tatevskii Izv AN SSSR Ser fiz no 10 1241-1246 O '62

ISOMERIZATION
Catalytic isomerization of β-oxides N.I Shuikin and others Izv AN SSSR Otd. khim. nauk no. 9 1653-1656 S '62
Mutual transformation of isomers of platinum divaline, I. M. Volshtein, G. D. Zegzhda. Zhur. neorg. khim. 7 no. 10:2315-2319 O '62.

ISOMERS—OPTICAL PROPERTIES
Comparing the effect of electron irradiation on the optical activity of racemates and optical antipodes [with summary in English] V I Gol'danskii, V V Khrapov Zhur eksp i teor fiz 43 no. 3:823-827 '62

ISOMERS—SPECTRA
Infrared absorption spectra of cis-trans isomers of 1-methyl-2-n-alkylcyclohexanes. G N. Zhizhin and others. Izv AN SSSR Ser fiz no 10 1263-1266 O '62

ISOMORPHISM
Effect of isomorphic substitutions on certain characteristics of the infrared spectra of garnet. M. A. Gnevushev, L. G Fedorova. Dokl AN SSSR 146 no. 3 672-675 S '62.

ISOPODA see subdivision under Pacific Ocean

ISOPRENE
Catalytic dehydrogenation of individual isopentenes to isoprene. O K. Bogdanova, A P Shcheglova, A A Balandin. Neftekhimiia 2 no 4 442-447 Jl-Ag '62.
Transformations of free radicals in γ-irradiated polyisoprenes. A S. Kuz'minskii and others. Dokl. AN SSSR 146 no. 3:611-614 S '62.

ISOPRENOIDS
Synthesis of isoprenoid acids from isoprenoid ketones by the action of diethyl ester of carbethoxymethylphosphinic acid B G Kovalev, L A IAnovskaia, V F Kucherov Izv AN SSSR. Otd khim nauk no 10 1876-1877 O '62.

ISOPROPYL ALCOHOL
Dehydration of isopropyl alcohol on a radioactive tricalcium phosphate catalyst. Vict. I. Spitsyn and others. Dokl. AN SSSR 146 no. 5:1128-1131 O '62.
Kinetics of the dehydrogenation and dehydration of isopropyl alcohol and of the dehydrogenation of tetralin on thulium oxide. A. A. Tolstopiatova, A. A. Balandin, Pyn Bi-sian [P'eng Pi-hsiang] Izv. AN SSSR Otd. khim. nauk no. 9 1524-1533 S '62.

ISOTOPE SEPARATION
Radiometric determination of the isotope composition of cerium separated from fission products of heavy nuclei. S. V. Belov and others. Radiokhimiia 4 no. 3:334-340 '62.

ISOTOPES
Degeneration with respect to isotopic spin, and the hypercharge. A. M. Baldin, A. A. Komar. Dokl. AN SSSR 146 no. 3:574-576 S '62.

ISOTOPES—BIBLIOGRAPHY see Bibliography—Isotopes

ISOTOPES—TABLES, ETC.
Selinov, I. P. [Periodic system of isotopes] Periodicheskaia sistema izotopov. Moskva, Izd-vo Akad. nauk SSSR. 1961. 4 tables.
——— Text. 1962. 34 p.

ISOXAZOLIDINONE
Effect of cycloserine on the activity of L-alanine dehydrogenase and asparaginase R. M. Azarkh, T. S. Paskhina. Dokl. AN SSSR 146 no. 3:704-706 S '62.

ISRAEL—MILITARY ASSISTANCE, AMERICAN
Israel and the imperialist block. Mezhdunar. zhizn' 9 no. 11:141-142 N '62.

ISSYK-KUL'—CHARACEAE
Characeae of Lake Issyk-Kul'. T. G. Matiukova. Uch. zap. Biol.-pochv. fak. Kir. un. no. 7. 131-143 '58.

ISSYK-KUL'—LEUCISCUS
Local variability of Leuciscus bergi Kaschkarov in Lake Issyk-Kul'. I. A. Pivnev. Uch. zap. Biol.-pochv. fak. Kir. un. no. 7:211-223 '58.

ISSYK-KUL' REGION—ARCHAEOLOGY
Zhukov, B. B. [Beneath the Issyk-Kul' waves] Pod volnami Issyk-Kulia. Moskva, Goegrafgiz, 1962. 101 p. [Puteshestviia, PriklIuchenIia, Fantastika)

ITALY—HISTORY
Kirova, K.E. [The revolutionary movement in Italy, 1914-1917] Revoliutsionnoe dvizhenie v Italii, 1914-1917 gg. [Moskva] Izd-vo Akad. nauk SSSR, [1962] 430 p.
Some problems in the history of the Italian Risorgimento. E. Ragionieri. Nov. i noveish. ist. no. 4:97-102 '62.

ITALY—HISTORY—BIBLIOGRAPHY
Italian historical bibliography. I. I. Frolova. Vop. ist. no. 10:204-205 O '62.

ITALY—COLONIES—AFRICA see Africa—Italian colonies

ITALY—SINGERS
Timokhin, V. V. [Outstanding Italian singers; studies] Vydaiushchiesia ital'ianskie pevtsy, ocherki. Moskva, Muzgiz, 1962. 175 p.

ITALY—SOCIAL CONDITIONS
Grebnev, A. V. [On the other side] Po tu storonu. Moskva, Izd-vo "Izvestiia," 1962. 84 p. (Biblioteka "Izvestii")

ITALY—WORLD WAR, 1939-1945—UNDERGROUND MOVEMENTS
A periodical devoted to the history of the Italian resistance movement. G. S. Filatov. Nov. i noveish. ist. no. 1:133-115 '62.

IVAN IV, THE TERRIBLE, 1530-1584
"Ivan the Great of Moscow" [in English] by J. L. I. Fennel. Reviewed IA. S. Lur'e. Ist. SSSR 6 no. 4:208-219 Jl Ag '62.

IVANO-FRANKOVSK PROVINCE—CORN (MAIZE)
New method for corn ensilage. A. P. Maksiuk, I. M. Repryntsev, I. P. Tereshchuk. Visnyk sil'khosp. nauky 5 no. 9:98-100 S '62.

IVANOV, GEORGII IAKOVLEVICH, 1897-1962
Georgii IAkovlevich Ivanov; obituary. V. P. Zotov and others. Khleb. i kond. prom. 6 no. 10,47 O '62.

IVANOV, SERGEI VASIL'EVICH, 1864-1910
Granovskii, I. N. [Sergei Vasil'evich Ivanov; life and work] Sergei Vasil'evich Ivanov; zhizn' i tvorchestvo. Moskva, Iskusstvo, 1962. 408 p. (Russkie khudozhniki Monografii)
(MH)

IVANOVO—CARDING MACHINES
Some problems of the improvement of the carding machine developed by the Ivanovo Scientific Research Institute of Textile Industry. N. A. Belliakov, I. V. Puzyrev, G. I. Nosov. Nauch.-issl. trudy IvNITI 25:42-50 '61.

IVANOVO—RADIO PROGRAMS
Holiday broadcasts. A. Frolov. Sov. rad. i tel. 6 no. 6:9-10 '57.

IVANOVO—RADIO PROGRAMS FOR CHILDREN
Ardent youth. I. Nesvetaev. Sov. rad. i tel. 6 no. 4:15 '57.

IVANOVO—TEXTILE PRINTING
Bronze on textile fabrics. P. TSvetkov. Mest. prom. i khud. promys. 3 no. 8:15 Ag '62.

IVANOVO PROVINCE—DAIRYING
Zabotina, Z. I., and D. I. Zabotin. [We are maintaining 300 cows] Obsluzhivaem 300 korov. Moskva, Sel'khozizdat, 1962. 62 p
(DNAL)

IVANOVO PROVINCE—TEXTILE INDUSTRY—LABOR PRODUCTIVITY
New forms of work organization on automatic looms. A. Kudrin. Sots. trud 7 no. 10:123-128 O '62.

IVORY see subdivision under Egypt

IVORY COAST—HUNTING
With a lantern after the pangolin. Pierre Baylin. Vokrug sveta no. 9:40-41 S '62.

IZHEVSK—MACHINERY INDUSTRY
At the Izhevsk Machinery Plant. V. V. Amosova. Mashinostroite; no. 10:43 O '62.

IZHEVSK—PARACHUTING
After thirty years. S. TSiglis. Kryl. rod. 13 no. 10:12 O '62.

JADEITE
Miscibility limits and mean compositions of jadeite pyroxenes. N. L. Dobretsov. Dokl. AN SSSR 146 no. 3. 676-679 S '62.

JAKARTA, INDONESIA—STADIA
Assembly of the metal elements of a stadium in Jakarta. K. S. Fetisov. Mont. i spets. rab. v strol. 24 no. 10. 23-26 O '62.

JANIRIDAE
Janiridae (Isopoda, Asellota) from the seas of the U.S.S.R. O. G. Kusakin. Trudy Zool. inst. 30:17-65 '62.

JAPAN—AIR FORCE
Japanese air force N. Zaitsev. Av. i kosm. 45 no 6.94 '62.

JAPAN—COMMERCIAL POLICY
"Tokyo—Washington; foreign economic policy of Japan [in Japanese] by Susumu Yamamoto. Reviewed by B. Pospelov. Az. i Afr. segodnia no. 10:61-63 O '62.

JAPAN—COMMUNIST PARTY
Fortieth anniversary of the Communist Party of Japan [with summary in English, p 233] Nar Az i Afr no 5 70-82 '62.

JAPAN—DEFENSES
An "atomonger" from Tokyo. P Krainov. Az. i Afr segodnia no. 10:57 O '62.

JAPAN—ECONOMIC ASSISTANCE, AMERICAN
"Economic and military "assistance" of the U S A. to Japan" by A L Dinkevich Reviewed by V A Vlasov Nar Az i Afr no 5 175-176 '62

JAPAN—FOREIGN ECONOMIC RELATIONS—RUSSIA
Japanese business delegation in the U. S. S. R. Vneshn. torg. 12 no 10 insert 1 p O '62

JAPAN—FOREIGN RELATIONS
"Fifty years of diplomatic history" [in Japanese] by Shinichi Kamimura. Reviewed by S. L. Budkevich. Nov. i noveish. ist. no. 5:156-158 '62.

JAPAN—FOREIGN RELATIONS—RUSSIA
"History of Soviet diplomatic relations with Japan" by I. N Kutakov Reviewed by IU Borisov Mir ekon i mezhdunar otn no 11 151-153 N '62
"History of Soviet-Japanese diplomatic relations" by I. N. Kutakov. Reviewed by V. Ivanov. Mezhdunar. zhizn' 9 no. 11 128-131 N '62.
Japan's neutrality and the struggle for peace [with summary in English, p 232]. Kh T. Eidus Nar Az i Afr no 5 49-59 '62.

JAPAN—MACHINERY INDUSTRY WORKERS
The land of the rising sun in the electronic era. Jean Marillier. Vsem. prof. dvizh. no. 8/9 30-32, 36 Ag-S '62.

JAPAN—NEUTRALITY
Japan's neutrality and the struggle for peace [with summary in English, p. 232] Kh T Eidus. Nar Az i Afr. no. 5 49-59 '62

JAPAN—RELATIONS (GENERAL) WITH THE UNITED STATES
Japanese science shouldn't serve the interests of the American-Japanese military alliance. S. L. Budkevich. Vop. ist. no. 10,190-192 O '62.

JAPAN—RELATIONS (MILITARY) WITH THE UNITED STATES
"Economic and military "assistance" of the U. S. A. to Japan" by A. L. Dinkevich Reviewed by V. A. Vlasov. Nar. Az. i Afr. no. 5:175-176 '62

JAPAN—RUBBER
Problems, discoveries and facts. I. Volnov. Ogonek 10 no. 43:24 O '62.

JAPAN—SHIPBUILDING
Japanese-built ships [from "Marine Engineering Log," no. 7, 1962] Sudostroenie 28 no 9 73-74 S '62.

JAPAN—SPORTS
Two hieroglyphs and the victory of intellect. A. Kiknadze. Ogonek 40 no. 12,20-20 O '62.

JAPAN—TRADE UNIONS
The land of the rising sun in the electronic era. Jean Marillier. Vsem. prof. dvizh. no. 8/9:30-32, 36 Ag-S '62.

JAPAN—WOMEN—EMPLOYMENT
The Seventh National Conference of the Working Women of Japan. Maki Yamamato. Vsem. prof. dvizh. no. 8/9: 33-35 Ag-S '62.

JAPANESE BORDER CONFLICTS, 1932-1941 see subdivision under Russo

JAUNDICE
State of the cardiovascular system in epidemic and parenteral hepatitis [with summary in English]. D. N. Zupnik. Vrach. delo no. 10:121-124 O '62.

JAUNDICE, SPIROCHAETAL see Weil's disease

JAVOR, IVAN, 1915-1944
"I won't grow silent even in captivity" by Ivan Javor. Reviewed by S. Tregub. Ogonek 40 no. 44,26 O '62.

JAWS—FRACTURE
Fixation of maxillary splinters. V. P. Panchokha. Trudy Nauch.-issl. inst. stom. no. 10.56-62 '62.
Osteosynthesis in fractures of the mandible using periosteal plexiglas plates. B. G. Vasil'eva, N. D. Andronik, A. A. Kalinik. Trudy Nauch.-issl. inst. stom. no. 10:63-71 '62.

JAWS—SURGERY
Surgical correction of some forms of developmental anomalies and deformations of the maxilla. G. I. Semenchenko. Trudy Nauch.-issl. inst. stom. no. 10: 5-17 '62.

JAWS—TUMORS
Central benign connective tissue neoplasms of the jaws. A. N. Litvinenko. Trudy Nauch.-issl. inst. stom. no. 10:97-105 '62.

JAWS — TUMORS (Continued)
Study of soft odontomas of the jaws. A. N. Litvinenko. Trud. Nauch.-issl. inst. stom. no. 10 91-96 '62.
X-ray diagnosis of periradicular cysts of the maxilla. V. A. Marus. Trudy Nauch.-issl. inst. stom no. 10 134-143 '62.

JAWS—WOUNDS AND INJURIES
Changes in a wound following radiation injury and gunshot wounds of the mandible. A. I. Rybanko. Voen.-med. zhur. no. 9 30-36 S '61.
Dmitrieva, V. S., and A. I. Rybakov. [Treatment of injuries to the jaws in acute radiation sickness in an experiment] Lechenie travmy cheliustei pri ostrol luchevol bolezni v eksperimente. Moskva, Medgiz, 1962. 180 p. (DNLM)

JEALOUSY
Jealous delirium syndrome in schizophrenia and some other mental diseases. A. F. Moskvicheva. Trudy Gos. nauch.-issl. inst. psikh. 27 22-26 '61.

JEEPS see Automobiles, Military

JERBOAS see subdivision under Tannu Ola Range

JETS
One-dimensional theory of an unrated supersonic gas jet. A. A. Cherkez. Izv. AN SSSR, Otd. tekh. nauk, Mekh. i mashinostr. no. 5 13-25 S-O '62.

JETS—FLUID DYNAMICS
Power action of the scouring jet on the soiled surface of canned food glass containers. A. K. Gladushniak. Izv. vys. ucheb. zav., pishch. tekh. no. 5 133-136 '62.
Some features of the function of pressure distribution of a nonsubmerged jet on an obstacle. K. G. Asatur. Izv. vys. ucheb. zav., gor. zhur. 5 no. 8 30-33 '62.

JOB DESCRIPTIONS
Procedures for establishing occupational schedules for workers. K. Urzhinskii. Sots. trud 7 no. 10, 134-142 O '62.

JOHNSON, EMILY PAULINE, 1861-1913
Academic session devoted to Pauline Johnson (Tekahionwake). V. H. Latanik. Rad. lit. 6 no. 1 154 Ja-Ag '62.

JOINTS—DISEASES
Kushelevskii, B. P., M. A. Iasinovskii, and S. M. Ryss. [Diseases of the joints. Rheumatism. Avitaminoses] Bolezni sustavov. Revmatizm. Avitaminozy. Moskva, Medgiz, 1961. 398 p. (Rukovodstvo po vnutrennim bolezniam) (DNLM)

JOINTS (GEOLOGY)
(see also subdivision under Kazakhstan)
Geometric parameters of fractured rocks. I. I. Vakhrameev. Izv. vys. ucheb. zav., geol. zhur. no. 9, 5-14 '61.

JOURNALISM
(see also subdivision under Estonia; Khabarovsk Territory, Ukraine)
The campaign goes on. A. Raspevin. Sov. pech. no. 10 11-12 O '62.
"When skyscrapers sway" by V. Maevskii. Reviewed by M. Mikhailov. Sov. pech. no. 10 47 O '62.
Year of great accomplishments. Sov. pech. no. 10 3-5 O '62.

JOURNALISM—CONGRESSES
Problems of science and technology in the press. Sov. pech. no. 10 27 O '62.

JOURNALISM, AGRICULTURAL
Letters, subjects, and authors. S. Osipov. Sov. pech. no. 10 17-18 O '62.
Say "no" to a grassland agriculture of words. Pavel Kuznetsov. Sov. pech. no. 10 49-51 O '62.
Two hundred million. A. Monko. Sov. pech. no. 10 13 O '62.

JOURNALISM, LABOR
Red heat. Sov. pech. no. 10 20-22 O '62.
Though the truth be bitter... Sov. pech. no. 10 17 O '62.
Three thousand shots into the target. N. Il'inskii. Mol. komm. no. 10 99-100 O '62.

JOURNALISM, MILITARY
Motto of military journalists. V. Grushetskii. Sov. pech. no. 10 18-19 O '62.

JOURNALISM, RELIGIOUS
A glorious 50th anniversary. Nauka i rel. no. 5 15-17 My '62.
Press Day. Nauka i rel. no. 5 3-6 My '62.

JOURNALISTS
But how do you work? E. Zakharova. Sov. pech. no. 10 31-32 O '62.

JOURNALISTS—CORRESPONDENCE, REMINISCENCES, ETC.
Riabchikov, E. I. Reporter. Moskva, Detgiz, 1962. 187 p.

JUDAISM—CONTROVERSIAL LITERATURE
Akademiia nauk SSSR. Institut istorii. [Criticism of the Jewish religion] Kritika iudeiskoi religii. Moskva, Izd-vo Akad. nauk SSSR, 1962. 434 p.

JUDGES see subdivision under Germany, West

JUDICIAL STATISTICS
"Soviet judicial statistics" by S. S. Ostroumov. Reviewed by S. Panchenko. Sots. zakon. 39 no. 8 94-96 Ag '62.

JUMPING PLANT LICE
New jumping plant lice (Homoptera, Psylloidea) from the U. S. S. R. M. M. Loginova. Trudy Zool. inst. 30 185-220 '62.

JUNCTION TRANSISTORS
Tunnel effect in massive tin. N. V. Zavaritskii. Zhur. eksp. i teor. fiz. 43 no. 3, 1123-1125 '62.

JUNIPER see subdivision under Kirghizistan

JUSTICE, ADMINISTRATION OF
(see also subdivision under Vietnam, North)
Current plenary session of the Supreme Court of the U. S. S. R. Biul. Verkh. Suda no. 5 3-6 '62.
For the creative development of the theory of socialist legality. Sots. zakon. 39 no. 8 15-20 Ag '62.
My impressions. U. Cerioni. Sots. zakon. 39 no. 8 83 Ag '62.
Sapozhnikov, I. A., comp. [Socialist legality; a collection of important documents] O sotsialisticheskoi zakonnosti; sbornik vazhneishikh dokumentov. Alma-Ata, Kazgosizdat, 1962. 293 p.

JUVENILE DELINQUENCY
(see also subdivision under Germany, West)
Armenian S. S. R. Laws, statutes, etc. [Regulations on the committees on juvenile delinquency] Polozhenie o komissiiakh po delam nesovershennoletnikh. Erevan, 1961. 23 p. [Parallel texts in Armenian and Russian] [MICROFILM]
A poisoned source. V. Razumov, R. Startsev. Komsom. zhizn' no. 12, 22-25 Je '62.
Problems of neglected children and juvenile delinquency in the U. S. S. R. Iu. P. Mironenko. Mat. i soob. Issl. otd. Inst. po izuch. SSSR no. 32/33, 56-67 F-Mr '62.
Role of the Soviet public in the prevention of juvenile delinquency. Z. Samoshina, N. Osipenko. Sov. iust. no. 20, 17-19 O '62.

KABAKTO MOUNTAINS—MILDEW
New genus of the family Erysiphaceae. P. N. Golovin, N. A. Gamalitskaia. Bot. mat. Otd. spor. rast. 15 91-93 Ja '62.

KABARDINO-BALKAR A. S. S. R.—COMMUNIST PARTY OF THE SOVIET UNION
Davydov, I. V. [Party organization in Kabardino-Balkaria during the Great Patriotic War, 1941-1945] Partiinaia organizatsiia Kabardino-Balkarii v period Velikoi Otechestvennoi voiny, 1941-1945 gg. Nal'chik, Kabardino-Balkarskoe knizhnoe izd-vo, 1961. 170 p. (MH)

KABARDINO-BALKAR A. S. S. R.—HISTORICAL RESEARCH
Scholarly research in Kabardino-Balkar University. R. F. Veilkanova. Vop. ist. no. 10, 112-115 O '62.

KABARDINO-BALKAR A. S. S. R.—HISTORY
Masaev, Shekhim-Geri. [Lenin's national policy and the establishment of autonomy in Kabardino-Balkaria] Leninskaia natsional'naia politika i sozdanie avtonomii Kabardino-Balkarii. Nal'chik, Kabardino-Balkarskoe knizhnoe izd-vo, 1961. 59 p. (MH)
Tkhamokov, N. K. [Socioeconomic and political regime of the Kabardians in the 18th century] Sotsial'no-ekonomicheskii i politicheskii stroi kabardintsev v XVIII veke. Nal'chik, Kabardino-Balkarskoe knizhnoe izd-vo, 1961. 199 p. (CU)

KABARDINO-BALKAR A. S. S. R.—PIONEERS (COMMUNIST YOUTH)
Shtymov, S. T. [From the history of the Pioneer organization of the Kabardino-Balkar A. S. S. R.; short studies] Iz istorii pionerskoi organizatsii Kabardino-Balkarii; kratkii ocherki. Nal'chik, Kabardino-Balkarskoe knizhnoe izd-vo, 1960. 117 p. (Vsegda gotov) (MH)

KABARDINO-BALKAR A. S. S. R.—WORLD WAR, 1939-1945
Davydov, I. V. [Party organization in Kabardino-Balkaria during the Great Patriotic War, 1941-1945] Partiinaia organizatsiia Kabardino-Balkarii v period Velikoi Otechestvennoi voiny, 1941-1945 gg. Nal'chik, Kabardino-Balkarskoe knizhnoe izd-vo, 1961. 170 p. (MH)

KADAR, JANOS, 1912-
Janos Kadar. Mir. ekon. i mezhdunar. otn. no. 11 135-136 N '62.

KAKHOVKA DISTRICT—BARNS
Put the construction of stock buildings on the production line. V. Sheptytskyi, L. Valnshtein. Sil'. bud. 12 no. 10, 4-5 O '62.

KALININ, MIKHAIL IVANOVICH, 1875-1946
Kalinin, M. I. [Public health and medicine] O zdravookhranenii i meditsine. Moskva, Medgiz, 1962. 170 p. (DNLM)

KALININ—CIVIC IMPROVEMENT
Joint effort will have better results. A. IAkovlev. Tekhnikum, khoz. 12 no. 3-11 My '62.

KALININ—COMMUNIST PARTY OF THE SOVIET UNION
"A district party committee and its local organizations." Part. zhizn' no. 21 76 N '62.

KALININ—ORTHOPEDIC APPARATUS INDUSTRY
Opinion requested. A. Vasil'ev. Sots. obesp. 21 no. 10 12-43 O '62.

KALININ—WAGES—TEXTILE INDUSTRY
More on paying bonuses to workers. S. Gurevich. Sots. trud 7 no. 10, 119-123 O '62.

KALININ ECONOMIC REGION—WAGES—TEXTILE INDUSTRY
Evaluation of the experiences of the textile workers in the Kalinin Economic Region. D. Medvedev, A. Kosovalova. Sots. trud 7 no. 8 119-123 Ag '62.

KALININ PROVINCE—COOPERATIVE SOCIETIES AUDITING AND INSPECTION
There is no proper responsibility. V. Gorbunov. Ts. bum. SSSR 23 no. 10 7-9 O '62.

KALININ PROVINCE—PALEOBOTANY, STRATIGRAPHY
New find of interglacial flora near the town of Staritsa, Kalinin Province. T. D. Kolesnikova. Dokl. AN SSSR 146 no. 6, 1412-1413 O '62.

KALININGRAD DISTRICT (MOSCOW PROVINCE)—STATE FARMS—PRODUCTION STANDARDS
Practice in establishing work norms on the "Mashkil" State Farm. V. Saltanov, A. Filippov. Biul. nauch. inform.; trud i zar. plata 5 no. 9, 18-21 '62.

KALININGRAD REGION—ROTIFERA
Utilization of the trophic resources of bodies of water by plankton rotifers [with summary in English]. L. A. Erman. Biul. MOIP. Otd. biol. 67 no. 4, 32-47 Jl-Ag '62.

KALUGA REGION—GAS, NATURAL—STORAGE
Results of prospecting operations in the Kaluga area. A. V. Katamon, S. V. Tikhomirov. Trudy SGPK no. 3 47-66 '62.

KALUSH—CITY PLANNING
Designing a layout for the city of Kalush. Iu. Khudiakov. Stroi. i arkhit. 10 no. 9, 9-10 S '62.

KALUSH—CONCRETE PLANTS
First in the country. Khrystia Sorokhtei. Ukraina no. 18, 6-7 S '62.

KAMA VALLEY—BRONZE AGE
Bader, O. N. [Settlements of the Turbino type in the middle Kama Valley] Poseleniia turbinskogo tipa v Srednem Prikam'e. Moskva, Izd-vo Akad. nauk SSSR, 1961. 196 p. (Materialy i issledovaniia po arkheologii SSSR)

KAMA VALLEY—MAMMALS
"Mammals of the Volga-Kama area; insectivores, chiropterans, rodents" by V. A. Popov. Reviewed by A. A. Nasimovich. Biul. MOIP. Otd. biol. 67 no. 4, 151-152 Jl-Ag '62.

KAMA VALLEY—PALEOBOTANY, STRATIGRAPHY
Flora and vegetation of the Pliocene in the lower Kama Valley [with summary in German]. N. IA. Kats, S. V. Kats. Biul. MOIP. Otd. biol. 67 no. 4, 62-79 Jl-Ag '62.

KAMCHATKA—CONSTRUCTION WORKERS
What does it mean "to know how" to live. G. Anzimirov, F. Rodionov. Smena 39 no. 21, 9-10 N '62.

KAMCHATKA—MINERAL WATERS
Carbonated mineral waters of Kamchatka. O. N. Tolstikhin. Sov. geol. 5 no. 10, 75-87 O '62.

KAMCHATKA—ROCKS, IGNEOUS
Comagmatic Tertiary granitoids and effusives in Kamchatka. K. V. Prokhorov. Izv. AN SSSR Ser. geol. no. 10, 20-32 O '62.

KAMCHATKA—SOCIAL CONDITIONS
On the shore of Tyiga-Vayam. G. Anzimirov. Smena 39 no. 20, 6-7 O '62.

KAMCHATKA—TROUT
Some characteristics of the structure of the skull and the caudal skeleton in char of the genus Salvelinus. Iu. S. Reshetnikov, K. A. Savvaitova. Vop. ikht. 2 no. 3, 431-440 '62.

KAMINSKII, ANTON ANTONOVICH, 1862-1936

Nezdiurov, D. F. [A. A. Kaminskii, outstanding meteorologist and climatologist] A. A. Kaminskii, vydaiushchiisia meteorolog-klimatolog Leningrad, Gidrometeoizd-vo, 1953. 59 p. (WaU)

KAMO DISTRICT—CHERNOZEM SOILS

Characteristics of Chernozem soils in Kamo District, Armenian S. S. R. [in Armenian with summary in Russian] K. G. Melkonian Izv. Glav. upr. sel'khoz. nauk i podgot. kad. Arm. SSR 5 no. 7 73-79 '62.

KAMO DISTRICT—TOBACCO

Embryological study of the process of fertilization in tobacco in Kamo District A. Kh. Daniellan. Izv. AN SSR Biol. nauki 15 no. 7, 67-68 '62.

KAOLIN see subdivision under Novosel'tsy (Zvenigorodka District, Cherkassy Province)

KARA KUM CANAL REGION—IRRIGATION

Utilization of filtration losses. B. S. Saparov. Pochvovedenie no. 10 63 O '62.

KARA-TAU REGION—SOILS—ANALYSIS

Genetic types of soils and soil improvement regions in piedmont plains of the Kara-Tau and the western part of the Khrebet Range I. A. Asaing. Trudy Inst. pochv. AN Kazakh. SSR 13 3-37 '62.

KARAGANDA—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

Public participation in party work N. Fedorov. Part. zhizn' Kazakh. no. 6 14-16 Je '62.

KARAGANDA—NEWSPAPERS

Party life as described on the pages of a newspaper. Part. zhizn' Kazakh. no. 6 71-77 Je '62.

KARAGANDA BASIN—COAL MINES AND MINING

Automatic control of production processes in the Karaganda Basin coal mines. V. I. Bytka, A. G. Vigandt, V. IA. Tikhonov. Izv. vys. ucheb. zav., gor. zhur. no. 10 121-121 '61.

Establishment of the optimum parameters of mining systems with short working faces for the conditions found in the Karaganda Basin. B. Kutzhanov. Nauch. trudy MGI no. 38 268-277 '61.

What benefits are derived from the new work organization in longwall mining. D. Markman. Nar. khoz. Kazakh. 20 no. 6 72-75 Je '62.

KARAGANDA BASIN—COAL PREPARATION PLANTS

Briquetting of the pulp from Karaganda Central Coal Preparation Plant. G. Z. Zvenigorodskii, N. I. Levina. Obog. i brik. ugl. no. 2 1, 26-31 '62.

KARAGANDA BASIN—COAL PREPARATION PLANTS—EQUIPMENT AND SUPPLIES

Drying unit with a capacity of 80 tons per hour for drying industrial products. T. A. TSurkan, V. M. Shvarts. Obog. i brik. ugl. no. 2 1 32-37 '62.

KARAGANDA BASIN—MINE TIMBERING

Study of efficient parameters of unsupported sunken timbers for development workings in the Karaganda Basin G. I. Val'shtein Izv. vys. ucheb. zav., gor. zhur. 5 no. 8 34-44 '62.

KARAGANDA PROVINCE—ACCOUNTING

Some results F. Avdeev Bukhg. uchet 19 no. 6 12-15 Je '62.

KARAGANDA PROVINCE—PASTURES AND MEADOWS

Yield and aftermath dynamics of the forage bulk in pastures and hayfields of the arid steppes of Sary-Arka P. F. Kozhevnikov. Vest. sel'khoz. nauki (Kazakh.) 5 no. 9 22-27 S '62.

KARAGANDA PROVINCE—WATER RESOURCES DEVELOPMENT

Organize the utilization of local water resources. L. Tazhibaev, P. Polotskii. Nar. khoz. Kazakh. 20 no. 6 85-87 Je '62.

KARAKUL SHEEP

(see also subdivision under Chardzhou Province; Kazakhstan)

Kantsepol'skii, A. S. [Karakul wool] Karakul'skaia sherst' Moskva, Zagotizdat, 1962. 31 p.

KARAVELOV, LIUBEN, 1837-1879

"Philosophical and sociological views of Liuben Karavelov" by L. V. Vorob'ev. Reviewed by A. P. Belov. Vop. filos. 16 no. 10 170-171 '62.

KARELIA—COMMUNIST YOUTH LEAGUE

Ideology is our wings K. Makarov. Mol. komm. no. 10 22-27 O '62.

KARELIA—GEOLOGY

Kratts, K. O. [Outline of the geology and mineral resources of Karelia] Ocherk geologii i poleznykh iskopaemykh Karelii. Petrozavodsk, Gos. izd-vo Karel'skoi ASSR, 1961. 64 p. (CLU)

KARELIA—SEISMIC PROSPECTING

Using the dynamic theory in interpreting seismic material in northern Karelia. D. K. Ozerov, N. I. Timofeeva, I. V. Litvinenko. Vop. din. teor. rasprost. seismich. volн no. 1 11-60 '62.

KARELIAN ISTHMUS—LICHENS

Additional lichens of the northeastern part of the Karelian Isthmus, Leningrad Province. Wei I Szian-chun' [Wei Chi'ang-chung]. Bot. mat. Otd. spor. rast. 15 6-12 Ja '62.

KARLOVY VARY, CZECHOSLOVAKIA—MOTION-PICTURE FESTIVALS

In the festival city I. Vershinina. Ogonek 40 no. 25 26 Je '62.

KARLSBAD, CZECHOSLOVAKIA see Karlovy Vary, Czechoslovakia

KARYOKINESIS

Change in the mitotic activity in injured rat corneal epithelium during medication sleep [with summary in English]. L. V. Sokolova. Biul. eksp. biol. i med. 53 no. 6 77-80 Je '62.

Daily rhythm of the mitotic activity of the exocrine epithelium of the rat pancreas [with summary in English]. L. V. Markelova. Biul. eksp. biol. i med. 53 no. 6 71-77 Je '62.

KASKELEN—COMMUNIST YOUTH LEAGUE

It is just the beginning, three cases from the life of a Communist Youth League organizer M. Skripnik. Mol. komm. no. 10 3-7 O '62.

KASPI DISTRICT—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

A permanent propaganda center. V. Gogolashvili. Blok. agit. [Gruz.] no. 1, 31-40 Ja '60.

KAUNAS—ZOOLOGICAL GARDENS

Kauneckiene, Justina. [Kaunas Zoological Garden] Kauno zoologijos sodas. [Vilnius, Valstybine politines ir mokslines literatures leidykla, 1960] 157 p. illus. [In Lithuanian]

KAZAKHSTAN—AGRICULTURAL MACHINERY

Brief news and bibliography. Vest. sel'khoz. nauki [Kazakh.] 5 no. 10 81-88 O '62.

KAZAKHSTAN—AGRICULTURAL MACHINERY INDUSTRY

Increase the production of spare parts for agricultural machinery. I. Sviridov. Nar. khoz. Kazakh. 20 no. 6 35-39 Je '62.

KAZAKHSTAN—AGRICULTURAL POLICY

Material and technical basis of collective farms during the period of large-scale building of communism. S. N. Soskin. Vest. sel'khoz. nauki [Kazakh.] 5 no. 8 8-15 Jl '62.

KAZAKHSTAN—AGRICULTURE—LABOR PRODUCTIVITY

Baisalov, S. B., and M. S. Sakhipov. [Legal forms of the organization of work and the tightening of labor discipline on the collective farms of the Kazakh S. S. R.] Pravovye formy organizatsii i ukrepleniia distsipliny truda v kolkhozakh Kazakhskoi SSR. Alma-Ata, Izd-vo Akad. nauk Kazakhskoi SSR, 1962. 235 p.

Labor productivity on collective cotton farms in Kazakhstan. Sh. Kupeshev. Vest. sel'khoz. nauki [Kazakh.] 5 no. 8 20-25 Jl '62.

KAZAKHSTAN—ALGAE, FOSSIL

Concerning L. V. Romanova's article "Neogene Charophyta species from eastern Kazakhstan" V. P. Maslov. Paleont. zhur. no. 2 174 '62.

KAZAKHSTAN—ARCHITECTURE—DESIGNS AND PLANS

Information. Nar. khoz. Kazakh. 20 no. 6 95-96 Je '62.

KAZAKHSTAN—AUDITING AND INSPECTION

Go deep into the economics of an enterprise. N. Sansyzbaev. Fin. SSSR 23 no. 10 71-74 O '62.

KAZAKHSTAN—BARLEY—WATER REQUIREMENTS

Effect of phosphorus on the drought resistance and water balance of spring wheat and barley. I. I. Beltakov. Vest. sel'khoz. nauki [Kazakh.] 5 no. 10 23-30 O '62.

KAZAKHSTAN—BEEF CATTLE BREEDING

Practices in crossbreeding for market production. Ala-Tau cows with Hereford bulls. V. Zubrilianov. Vest. sel'khoz. nauki [Kazakh.] 5 no. 9 32-36 S '62.

KAZAKHSTAN—BENTONITE

An all-purpose substitute. M. Galiev. Nar. khoz. Kazakh. 20 no. 6 91-93 Je '62.

KAZAKHSTAN—BERRIES—VARIETIES

Studying fruit and berry varieties. Trudy Inst. plod. i vin. Kazakh. akad. sel'khoz. nauk 1 pt. 2 56-216 '61.

KAZAKHSTAN—BRUCELLOSIS IN CATTLE

Ring serum test for brucellosis in cows inoculated with strain No. 19 vaccine. G. A. Kolomakin and others. Vest. sel'khoz. nauki [Kazakh.] 5 no. 8 64-69 Jl '62.

KAZAKHSTAN—CAPITAL INVESTMENTS

Use capital investments in a more efficient way. Nar. khoz. Kazakh. 20 no. 6 16-53 Je '62.

KAZAKHSTAN—CHALCID FLIES

Occurrence of the chalcid fly Hunterellus hookeri Howard as a parasite of Ixodid ticks in Kazakhstan G. V. Ushakova Trudy Inst. zool. AN Kazakh. SSR 15 183-185 '62.

KAZAKHSTAN—COCCIDIOSIS

Coccidia of wild animals in southern Kazakhstan S. K. Svanbaev Trudy Inst. zool. AN Kazakh. SSR 16 91-29 '62.

Occurrence of Coccidia in muskrats acclimatized in Kazakhstan. S. K. Svanbaev Trudy Inst. zool. AN Kazakh. SSR 16 206-207 '62.

KAZAKHSTAN—COMFREY

A new forage plant. I. Mashtakov Vest. sel'khoz. nauki [Kazakh.] 5 no. 10 39-41 O '62.

KAZAKHSTAN—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

Party control in enterprises R. Muzapparov Part. zhizn' Kazakh. no. 6 26-30 Je '62.

Party news Part. zhizn' Kazakh. no. 6 78-79 Je '62.

A significant phenomenon of our time A. Sarmurzin Part. zhizn' Kazakh. no. 6 31-34 Je '62.

When did you deliver a lecture? F. Mikhailov Part. zhizn' Kazakh. no. 6 59-61 Je '62.

Work creatively and promote new and progressive improvements Part. zhizn' Kazakh. no. 6 8-9 Je '62.

KAZAKHSTAN—CONSTRUCTION INDUSTRY

Build economically, well, quickly! M. Mikhailov. Ekon. stroi. no. 10, 67-69 O '62.

Build schools faster. S. Kabirbaev. Nar. khoz. Kazakh. 20 no. 6 62-65 Je '62.

Information. Nar. khoz. Kazakh. 20 no. 6 95-96 Je '62.

Lagging work section. L. Baitasev. Nar. khoz. Kazakh. 20 no. 6 59-61 Je '62.

KAZAKHSTAN—CONSTRUCTION INDUSTRY—FINANCE

Brigades have been transferred to business accounting. M. Amatbovitskii. Nar. khoz. Kazakh. 20 no. 6 66-71 Je '62.

KAZAKHSTAN—CONSTRUCTION INDUSTRY—MANAGEMENT

Applications, norms and funds. A. Zhestovskii. Nar. khoz. Kazakh. 20 no. 6 10-15 Je '62.

KAZAKHSTAN—COPPER ORES

Using the natural electrical field method in vein-disseminated copper and molybdenum deposits of central Kazakhstan A. K. Anzin. Dokl. Akad. nauk SSSR 143 231-233 '62.

KAZAKHSTAN—CORN (MAIZE)—FERTILIZERS AND MANURES

Effect of bacterial fertilizers on the yield of the green bulk and grain of corn. N. Umurzakov. Vest. sel'khoz. nauki [Kazakh.] 5 no. 10 35-39 O '62.

KAZAKHSTAN—CORN BREEDING

Producing self-pollinated lines of corn for the southeast of Kazakhstan. N. K. Potapova. Vest. sel'khoz. nauki [Kazakh.] 5 no. 10 30-35 O '62.

KAZAKHSTAN—COTTON GROWING

Labor productivity on collective cotton farms in Kazakhstan. Sh. Kupeshev. Vest. sel'khoz. nauki [Kazakh.] 5 no. 8 20-25 Jl '62.

KAZAKHSTAN—ECONOMIC CONDITIONS

Economic administration must be zealous and economical G. Kozlov Part. zhizn' Kazakh. no. 6 14-20 Je '62.

KAZAKHSTAN—ECONOMIC GEOGRAPHY

The northern part of central Kazakhstan. A. G. Burenstam, P. E. Semenov. Vop. geog. no. 57 275-287 '62.

KAZAKHSTAN—ECONOMIC POLICY

Main problems of the future development of the territorial production complex of eastern Kazakhstan. S. P. Ivanov, I. V. Nikol'skii, A. T. Khrushchev. Vop. geog. no. 57 288-296 '62.

The northern part of central Kazakhstan. A. G. Burenstam, P. E. Semenov. Vop. geog. no. 57 275-287 '62.

Planning is an important lever of profitable work. I. Kim. Nar. khoz. Kazakh. 20 no. 6 24-29 Je '62.

KAZAKHSTAN—EFFICIENCY, INDUSTRIAL

Who is best? P. TSibulin. Meat. prom. i khud. promys. 3 no. 8 33 Ag '62.

KAZAKHSTAN—FACTORY MANAGEMENT

Party control in enterprises. R. Muzapparov. Part. zhizn' Kazakh. no. 6 26-30 Je '62.

KAZAKHSTAN—FARMS—VALUATION

Economic criteria of land evaluation, reply to S. D. Cheremushkin. Vest. sel'khoz. nauki [Kazakh.] 5 no. 9 83-100 S '62.

KAZAKHSTAN—FERNS, FOSSIL

New fern genus from Mesozoic sediments in Kazakhstan V I Turutanova-Ketova Paleont zhur no 2 145-148 '62

KAZAKHSTAN—FRUIT—VARIETIES

Studying fruit and berry varieties Trudy Inst. plod. i vin Kazakh akad. sel'khoz nauk 1 pt 2:56-216 '61

KAZAKHSTAN—FRUIT CULTURE

Breeding fruit and berry plants Trudy Inst. plod. i vin. Kazakh. akad sel'khoz nauk 1 pt 2 8-55 '61.

KAZAKHSTAN—FRUIT CULTURE—RESEARCH

Introduction A Dzhangaliev, Trudy Inst plod i vin Kazakh. akad. sel'khoz nauk 1 pt 2 3-7 '61.

KAZAKHSTAN—FUSARIUM

Wilting of potatoes in the south and southeast of Kazakhstan. S T Tubentsov. Vest. sel'khoz. nauki [Kazakh] 5 no 8:90-91 Jl '62.

KAZAKHSTAN—GEOLOGY

Gazizova, K. S. [Basic characteristics of the geology and mineralogy of the Gul'shad deposit (central Kazakhstan)] Osnovnye cherty geologii i mineralogii Gul'shadskogo mestorozhdeniia (TSentral'nyi Kazakhstan), Alma-Ata, Izd-vo Akad. nauk Kazakhskoi SSR, 1962. 204 p.

Results of the Fifth Conference of Young Geologists of the Republics of Central Asia and Kazakhstan, R A Sadykov, S A. Iskhako Uzb geol zhur 6 no 5 86-87 '62

KAZAKHSTAN—GRANITE

Mineralogical and geochemical characteristics of granites in some massifs in the northern part of central Kazakhstan in connection with their ore potential. A. M. Podol'skii. Biul. MOIP. Otd. geol. 37 no 3:125 My-Je '62

Postigneous processes of granitoids in the Shalgiy region. A. I. Ezhov. Biul MOIP. Otd. geol. 37 no. 3 123-124 My-Je '62

KAZAKHSTAN—GRAPE BREEDING

Developing new grape varieties in Kazakhstan Trudy Inst. plod. i vin. Kazakh. akad. sel'khoz nauk 1 pt. 2, 217-225 '61.

KAZAKHSTAN—HORSE MEAT

Meat productivity of horses under conditions of year-round pasturing I N Nechaev Vest sel'khoz. nauki [Kazakh] 5 no. 9 45-50 S '62.

KAZAKHSTAN—ICE INDUSTRY

Prevent waste and loss. P. Korobko. Nar. khoz. Kazakh. 20 no. 6:94 Je '62.

KAZAKHSTAN—INDUSTRIAL MANAGEMENT

In anticipation of the economic conference of the Republic. G. Kozlov. Nar. khoz. Kazakh. 20 no. 6:3-13 Je '62.

Planning is an important lever of profitable work. I. Kim. Nar. khoz. Kazakh. 20 no. 6 24-29 Je '62.

KAZAKHSTAN—INDUSTRIES

Main problems of the future development of the territorial production complex of eastern Kazakhstan, S.P Ivanov, I V. Nikol'skii, A. T. Khrushchev. Vop. geog. no 57 288-296 '62.

KAZAKHSTAN—JOINTS (GEOLOGY)

Origin and some characteristics of the development of "general" jointing of sedimentary rocks. M. V. Rats. Biul. MOIP. Otd. geol. 37 no. 3 127 My-Je '62.

KAZAKHSTAN—KARAKUL SHEEP

Biological significance of color in golden Karakul sheep. V S Zhiliakova Vest sel'khoz. nauki [Kazakh] 5 no 9 38-44 S '62

Effect of matching and feeding pregnant ewes on the quality of pelts in the progeny. V. N. Pogodin. Vest. sel'khoz. nauki [Kazakh.] 5 no. 10:65-71 O '62.

KAZAKHSTAN—LIGNITE

Carbonization of Lower Mesozoic brown coals in Kazakhstan. V. N. Volkov, I. B. Volkova. Sov. geol. 5 no. 10 57-67 O '62.

KAZAKHSTAN—LOTUS

Lotus as a promising plant for the south of Kazakhstan. S. Iu. Tardiev. Vest. sel'khoz. nauki [Kazakh.] 5 no. 9 101-104 S '62.

KAZAKHSTAN—MEAT INDUSTRY

Lagging work section. L. Burtsev. Nar. khoz. Kazakh. 20 no. 6:59-61 Je '62.

KAZAKHSTAN—MINERALOGY

Gazizova, K. S. [Basic characteristics of the geology and mineralogy of the Gul'shad deposit (central Kazakhstan)] Osnovnye cherty geologii i mineralogii Gul'shadskogo mestorozhdeniia (TSentral'nyi Kazakhstan), Alma-Ata, Izd-vo Akad. nauk Kazakhskoi SSR, 1962. 204 p.

KAZAKHSTAN—MITES

Materials on the biology of the gamasid mite Hirstionyssus meridianus Zem., 1951. V. N. Senotrusova. Trudy Inst. zool. AN Kazakh. SSR 16:192-199 '62.

KAZAKHSTAN—MOLYBDENUM ORES

Using the natural electrical field method in vein-disseminated copper and molybdenum deposits of central Kazakhstan. A. K. Auzin Uch zap. LGU 303 231-240 '62.

KAZAKHSTAN—PARASITES—AMPHIBIA

Occurrence of intestinal protozoa in amphibians R N. Appasov. Trudy Inst zool AN Kazakh. SSR 16 213-214 '62

KAZAKHSTAN—PARASITES—BIRDS

Spirochetes of wild birds M P IAkunin. Trudy Inst zool AN Kazakh. SSR 16:15-22 '62

Trematodes of game birds in southern Kazakhstan E V. Gvozdev. Trudy Inst. zool AN Kazakh. SSR 16 89-124 '62.

KAZAKHSTAN—PARASITES—MUSKRATS

Occurrence of Coccidia in muskrats acclimatized in Kazakhstan S. K. Svanbaev. Trudy Inst. zool. AN Kazakh. SSR 16.206-207 '62.

KAZAKHSTAN—PARASITES—PIKAS

Analysis of the helminth fauna of pikas (Ochotonidae) in relation to the geographical distribution of hosts. E. V Gvozdev. Trudy Inst. zool. AN Kazakh. SSR 16 63-80 '62.

KAZAKHSTAN—PARASITES—RUMINANTIA

Identification of various species of Eurytrema. E. I. Priadko Trudy Inst. zool. AN Kazakh SSR 16:52-56 '62.

KAZAKHSTAN—PARASITES—SHEEP

Economic loss from slaughtering sheep with coenurosis too late. P P. Vibe. Vest. sel'khoz nauki [Kazakh] 5 no. 9 51-54 S '62.

Morphology of Sarcocystis tenella Railliet, 1886. N. G. Levchenko. Trudy Inst. zool, AN Kazakh SSR 16, 30-37 '62.

KAZAKHSTAN—PARASITES—SQUIRRELS

Helminths of squirrels in Kazakhstan. A. I Agapova. Trudy Inst. zool AN Kazakh. SSR 16:81-83 '62

KAZAKHSTAN—PARASITES—TICKS

Occurrence of the chalcid fly Hunterellus hookeri How. as a parasite of ixodid ticks in Kazakhstan. G. V. Ushakova. Trudy Inst. zool AN Kazakh. SSR 16:183-185 '62.

KAZAKHSTAN—PARASITES—UNGULATA

Boev, S. N., I. D. Sokolova, and V. IA. Panin. [Helminths of ungulates of Kazakhstan; in two volumes] Gel'minty kopytnykh zhivotnykh Kazakhstana; v dvukh tomakh. Alma-Ata, Izd-vo Akad. nauk Kazakhskoi SSR Vol. 1 1962 373 p.

KAZAKHSTAN—PARASITES—WOLVES

Helminth fauna of wolves in Kazakhstan. V. IA. Panin, L. I. Lavrov. Trudy Inst. zool, AN Kazakh. SSR 16:57-62 '62.

KAZAKHSTAN—PASTURES AND MEADOWS

Determining the capacity of pastures and the load on the watering station in sheep raising. S. Tleubergenov. Vest. sel'khoz. nauki [Kazakh.] 5 no. 10:8-17 O '62.

Meadow vegetation in the drainless depressions of northwestern Kazakhstan [with summary in English]. D. I. Nazimova. Biul. MOIP. Otd. biol. 67 no. 5:105-111 S-O '62.

Ways for establishing a stable feed supply in the Bozoye-Karoy-Tau-Kum massif. P. P. Nikitenko. Vest. sel'khoz. nauki [Kazakh.] 5 no. 9:3-9 S '62.

KAZAKHSTAN—PASTURES AND MEADOWS—CONGRESSES

Interrepublic session on the development of desert territories in Central Asia and Kazakhstan. V.N. Kunin. Izv. AN SSSR, Ser. geog. no. 5:187-190 S-O '62.

KAZAKHSTAN—PINE

Regrouping of pine by the diameter in pine forests of the Kazakhstan peneplain. A. I. Goliadkin. Vest. sel'khoz. nauki [Kazakh.] 5 no. 9:62-67 S '62.

KAZAKHSTAN—POTATOES—DISEASES AND PESTS

Wilting of potatoes in the south and southeast of Kazakhstan. S. T. Tubentsov. Vest. sel'khoz. nauki [Kazakh.] 5 no. 8:90-91 Jl '62.

KAZAKHSTAN—PRECAST CONCRETE

Problems of the development and distribution of the precast reinforced concrete industry in Kazakhstan. B. Budanov. Ekon. stroi. no. 8:31-36 S '62.

KAZAKHSTAN—PROTOZOA, PATHOGENIC

Morphology of Sarcocystis tenella Railliet, 1886. N. G. Levchenko. Trudy Inst. zool, AN Kazakh. SSR 16:30-37 '62.

Occurrence of intestinal protozoa in amphibians. R. N. Appasov. Trudy Inst. zool. AN Kazakh. SSR 16:213-214 '62.

KAZAKHSTAN—PSILOMELANE

"Cone in cone" texture among supergene formations of a psilomelanetype mineral B. B. Rozina Zap. Vses. min. ob-va 91 no 4:482-485 '62.

KAZAKHSTAN—RADIOBROADCASTING

Our comrade. I. Lashchev. Sov. rad. i tel 6 no. 3, 17 '57.

Unsolved problems. Kh. Mustafin. Sov. rad. i tel. 6 no. 2:8-9 '57.

KAZAKHSTAN—RAILROADS, INDUSTRIAL—MAINTENANCE AND REPAIR

A lot of talk but no action. I. Romanov, B. Semochkin. Nar. khoz. Kazakh. 20 no. 6:88-90 Je '62.

KAZAKHSTAN—REFRIGERATOR CARS

Prevent waste and loss. P. Korobko. Nar. khoz. Kazakh. 20 no. 6:94 Je '62.

KAZAKHSTAN—RELATIONS (GENERAL) WITH RUSSIA

"Economic and political contacts between Kazakhstan and Russia in the second half of the 16th and the early 18th century" by N. G. Apollova. Reviewed by S. Z. Zimanov. Vop ist. no. 10:136-138 O '62.

KAZAKHSTAN—REVOLUTION, 1917-1921

"Establishment and consolidation of the Soviet regime in Kazakhstan" by T. Eleuov. Reviewed by R. I Gubaidova Ist. SSSR 6 no. 4:154-157 Jl-Ag '62.

KAZAKHSTAN—ROAD CONSTRUCTION

Recommendations for soil stabilization on highways in Kazakhstan. I P. Moroz, I. P. Meshcheriakova. Avtodor. 25 no 10:10-11 O '62

KAZAKHSTAN—ROCKS—MAGNETIC PROPERTIES

Natural residual magnetism of rocks. A. A. Smelov, L. P. Zhogolev, R. I. Khabibullina. Uch. zap. IGiG 303: 245-266 '62.

KAZAKHSTAN—SCHOOLHOUSES

Build schools faster. S. Kabirbaev. Nar. khoz. Kazakh. 20 no. 6:62-65 Je '62.

KAZAKHSTAN—SEISMIC PROSPECTING

Using the dynamic theory in interpreting seismic material in several regions of Kazakhstan. B. IA. Gel'chinskii and others. Vop. din. teor. rasp. seism. voln no. 4, 7-43 '62.

KAZAKHSTAN—SHEEP—WATERING

Determining the capacity of pastures and the load on the watering station in sheep raising. S. Tleubergenov. Vest. sel'khoz. nauki [Kazakh.] 5 no. 10:8-17 O '62.

KAZAKHSTAN—SNOW—TESTING

Physical and mechanical characteristics of the snow cover of northern Kazakhstan, basis for determining the parameters of the working parts of a snowplow. M. K. Kurmetova Vest. sel'khoz nauki [Kazakh] 5 no. 9:68-82 S '62.

KAZAKHSTAN—SOIL STABILIZATION

Recommendations for soil stabilization on highways in Kazakhstan. I. P. Moroz, I P. Meshcheriakova Avtodor 25 no 10:10-11 O '62

KAZAKHSTAN—SOVIETS

Kazakh S. S. R. Laws, statutes, etc. [Regulations on the village and aul soviets of workers deputies of the Kazakh S. S. R. Adopted by decree of the Presidium of the Supreme Soviet of the Kazakh S. S. R., April 24, 1958] Polozhenie o sel'skom, aul'nom Sovete deputatov trudiashchikhsia Kazakhskoi SSR, Utverzhdeno Ukazom Prezidiuma Verkhovnogo Soveta Kazakhskoi SSR ot 24 aprelia 1958 goda, Alma-Ata, Kazakhskoe gos. izd-vo, 1958, 37 p. [Parallel texts in Kazakh and Russian] [MICROFILM]

KAZAKHSTAN—SPIROCHETOSIS

Spirochetes of wild birds. M. P. IAkunin. Trudy Inst. zool. AN Kazakh. SSR 16:15-22 '62.

KAZAKHSTAN—STATE FARMS

The "Mamlutskii" State Farm of the virgin land and the prospects for its development. B. Dvoretskii. Ekon. sel'khoz. 33 no. 8:64-69 Ag '62.

KAZAKHSTAN—STATE FARMS—MANAGEMENT

Improve the organization of production on virgin-land state farms. V. Mazilnikov. Ekon. sel'khoz. 33 no. 9:88-90 S '62.

KAZAKHSTAN—STOCK AND STOCKBREEDING

Animal production must be increased. Part. zhizn' Kazakh. no. 6 10-13 Je '62.

Specialization and concentration of branches of stockbreeding on the state farms of Kazakhstan. M. A. Glotov. Vest. sel'khoz. nauki [Kazakh.] 5 no. 10:3-8 O '62.

KAZAKHSTAN—SUGAR BEETS—IRRIGATION

Characteristics of the growth and development of sugar beets using various methods of furrow irrigation. G. Z. Bliashev, Sh. N. Bialetdinov. Vest. sel'khoz. nauki [Kazakh.] 5 no. 8:32-37 Jl '62.

Effect of the technique of furrow irrigation on the growth and productivity of sugar beets. G. Z. Bliashev, Sh. N. Bialetdinov. Vest. sel'khoz. nauki [Kazakh.] 5 no. 10:18-23 O '62.

KAZAKHSTAN—SWINE—FEEDING AND FEEDS
Using hydrolysis forage yeasts in fattening weaned pigs. A.K.Roslikov, P.A.Glumov. Vest.sel'khoz.nauki [Kazakh.] 5 no.8 42-46 Jl '62

Vitamin nutrition of swine. P.N.TSerulik. Vest.sel'khoz.nauki [Kazakh.] 5 no.10:61-64 O '62.

KAZAKHSTAN—TAPEWORMS
Economic loss from slaughtering sheep with coenurosis too late. F.P.Vibe. Vest.sel'khoz nauki [Kazakh] 5 no.9 51-54 S '62.

KAZAKHSTAN—TICKS—HOST ANIMALS
Feeding habits of the tick Ornithodoros tartakovskyi Olen., 1931. V.N.Kusov. Trudy Inst.zool AN Kazakh SSR 16 186-191 '62.

KAZAKHSTAN—TOXOPLASMOSIS
Toxoplasma in wild animals of Kazakhstan. I.G.Galuzo, A.V.Levit. Trudy Inst zool AN kazakh SSR 16:3-6 '62.

KAZAKHSTAN—TREMATODA
Identification of various species of Dutyiroma. E.I. Paladko. Trudy Inst. zool. AN Kazakh. SSR 16:52-56 '62.

Trematodes of game birds in southern Kazakhstan. E.V. Gvozdev. Trudy Inst. zool AN Kazakh SSR 16 89-124 '62.

KAZAKHSTAN—TRILOBITES
Cybelurus gen.nov., a new genus of trilobites. E.S. Levitskii. Izv.vys.uch.zav., geol.i razv. 5 no.7. 129-132 Jl '62.

KAZAKHSTAN—TRYPANOSOMIASIS
Nomenclature of trypanosomes in wild animals of Kazakhstan. I.G.Galuzo, V.F.Novinskaia. Trudy Inst. zool. AN Kazakh SSR 16 206 '62.

KAZAKHSTAN—WATER RESOURCES DEVELOPMENT
Conference on the comprehensive development of land and water resources in the republics of Central Asia and southern Kazakhstan. A.S.Kes'. Izv.AN SSSR Ser. geog. no.5 190-196 S-O '62.

KAZAKHSTAN—WHEAT—WATER REQUIREMENTS
Effect of phosphorus on the drought resistance and water balance of spring wheat and barley. I.I.Beltiakov. Vest.sel'khoz nauki [Kazakh.] 5 no.10:23-30 O '62.

KAZAKHSTAN—WITTICHENITE
Wittichenite and its intergrowth with other minerals. M.K.IAnulova. Zap. Vses. min. ob-va 91 no.3, 363-365 '62.

KAZAKHSTAN—WOMEN
Drozdetskaia, N.V. [Warm hearts] Goriachie serdtsa. Alma-Ata, Kazakhskoe gos. izd-vo, 1961. 58 p. (MNC)

KAZAKHSTAN—WORMS, INTESTINAL AND PARASITIC
Analysis of the helminth fauna of pikas (Ochotonidae) in relation to the geographical distribution of hosts. E.V Gvozdev. Trudy Inst. zool AN Kazakh. SSR 16:63-80 '62

Boev, S.N., I.B.Sokolova, and V.IA Panin. [Helmintis of ungulates of Kazakhstan, in two volumes] Gel'minty kopytnykh zhivotnykh Kazakhstana, v dvukh tomakh. Alma-Ata, Izd-vo Akad. nauk Kazakhskoi SSR. Vol 1. 1962 373 p

Helminth fauna of wolves in Kazakhstan. V IA. Panin, L.I. Lavrov Trudy Inst zool. AN Kazakh. SSR 16.57-62 '62.

Helminths of squirrels in Kazakhstan. A.I. Agapova. Trudy Inst. zool AN Kazakh. SSR 16:91-93 '62.

KAZALINSK—COMMUNIST PARTY OF THE SOVIET UNION
Our critical remarks were correct. Part zhizn' no.21: 76 N '62.

KAZAN—THEATER
Kazan "colleagues." S.Antonov. Teatr 23 no.10:156 O '62.

KAZI-KUMUKH LANGUAGE see Lak language

KEMEROVO—MILITARY EDUCATION
Education of youth is the highly important duty of all party members. R.Molodyko. Komm.Vooruzh.Sil. 3 no.21:33-36 N '62.

KEMEROVO PROVINCE—CRIME PREVENTION
Public prosecutors should be at the forefront of the struggle against crime and the violation of Soviet laws. N.Kudnikov. Sots zakon 32 no.11:23-25 N '62.

KENT, ROCKWELL, 1882-
Hands of the staff. G.Shishkin, G.Vasil'ev. Ogonek 40 no.41:24-25 O '62.

KERCH BASIN—STRIP MINING
Improved technical methods and equipment in open-cut operations in iron ore pits of the Kerch Basin. M.G Novozhilov, B.N Tartakovskii, A.A Abdufattakhov. Izv vys.ucheb.zav., gor.zhur. 5 no.8:3-11 '62.

KERCH PENINSULA—GLASS MANUFACTURE
Excess staff at an enterprise. K.Poloz, G.Merkul'ev. Sots.trud 7 no.8:128-130 Ag '62.

KERCH PENINSULA—IRON ORES
Investigating the process of magnetizing roasting of Kerch Peninsula brown ore. Report No.1 A.N.Pokhvisnev, Iu.S.Ufain. Izv.vys.ucheb zav.;chern.met. 5 no.8,49-53 '62.

KERCH PENINSULA—POLYZOA
Conditions governing the formation of bryozoan reefs in the Kerch Peninsula. N.S.Blagovolin. Biul.MOIP. Otd.geol. 37 no.3:139-140 My-Je '62.

KERCH STRAIT—LOBSTERS
Shrimps and spiny lobsters in the Kerch Strait. A.F. Karpevich, B.N.Mikhailov. Priroda 51 no.10 120-121 O '62.

KERCH STRAIT—SHRIMPS
Shrimps and spiny lobsters in the Kerch Strait. A.F. Karpevich, B.N.Mikhailov. Priroda 51 no.10 120-121 O '62.

KETMEN' RANGE—GEOLOGY, STRATIGRAPHIC
Lower Carboniferous sediments in the southwestern spurs of the Ketmen' Range. S.B.Bakirov, B.K. Korablev. Izv.vys.uch.zav.; geol.i razv. 5 no.7 30-41 Jl '62.

KETONES
Addition of tetranitroalkanes to α,β-unsaturated ketones I.S Ivanova, N.N Bulatova, S.S Novikov Izv AN SSSR Otd khim nauk no.10 1856-1858 O '62

Ethylenedinitrodiamine in the reaction of addition to α,β-unsaturated ketones I.S Ivanova, N.N Bulatova, S.S Novikov Izv AN SSSR, Otd khim nauk no.10, 1858-1859 O '62.

Synthesis of vinyl ketones with the aid of the Mannich reaction A.M Shur. Neftekhimiia 2 no.4 600-603 Jl-Ag '62

KHABAROVSK—BLOOD PRESSURE
Characteristics of the arterial pressure in young people in the city of Khabarovsk; report No.1. B.A.Tempel and others. Trudy Khab.med.inst. no.20,152-170 '60.

KHABAROVSK—CHILDREN—MORTALITY
Shifts in the indices of child mortality in Khabarovsk for a 20 year period and an analysis of the causes for it for the year 1958. I.S.Zhdanov, IA.I.Dobrusin. Trudy Khab.med.inst. no 20:183-186 '60.

KHABAROVSK—DYSENTERY
Characteristics of the clinical aspects and course of dysentery in children in Khabarovsk who suffer from exudative diathesis. G.M.Metan. Trudy Khab.med. inst. no.20 17-22 '60.

Dysentery in children in Khabarovsk based on clinical materials for a ten-year period (1950-1959). G.S. Postol. Trudy Khab.med.inst. no.20:0-11 '60.

Sanitary and epidemiological characteristics of dysentery in the city of Khabarovsk. R.S.Al'tman and others. Trudy Khab.med.inst. no.20:3-0 '60.

KHABAROVSK—FRUIT
Vitamins P and C content in the fruits and vegetables grown in the region of Khabarovsk. A.S.Berozenets, T.S.Andrianova. Trudy Khab.med.inst. no.20:224-230 '60.

KHABAROVSK—GOITER
Distribution and clinical aspects of thyroid gland enlargement among preschool and school-age children in Khabarovsk. T.I.Tomilova. Trudy Khab.med.inst. no.20:120-135 '60.

KHABAROVSK—INFLUENZA
Mental changes and psychoses in influenza in Khabarovsk during the period of the 1957 pandemic. I.B.Galant, M.P.Chernukhina, O.A.Denisieva. Trudy Khab.med. inst. no.20:171-176 '60.

KHABAROVSK—MORTALITY
Longevity (mortality) table for the population of Khabarovsk. I.S.Zhdanov, IA.I.Dobrusin. Trudy Khab. med.inst. no.20 231-233 '60.

KHABAROVSK—RESTAURANTS, LUNCHROOMS, ETC.
Notes from Khabarovsk. D.Dimov. Obshchestv.pit. no.7:54-56 Jl '62.

KHABAROVSK—SALMONELLA INFECTIONS
Clinical aspects of dysenteriform diseases in children in Khabarovsk caused by Breslau and Gartner bacilli. G.S.Postol. Trudy Khab.med.inst. no.20:12-16 '60.

KHABAROVSK—SINGERS—DISEASES AND HYGIENE
State of the upper respiratory tract and the organ of hearing in singers and voice students in Khabarovsk. V.S.Liando and others. Trudy Khab.med.inst. no.20: 147-155 '60.

KHABAROVSK—VEGETABLES
Vitamins P and C content in the fruits and vegetables grown in the region of Khabarovsk. A.S.Berozenets, T.S.Andrianova. Trudy Khab.med.inst. no.20:224-230 '60.

KHABAROVSK TERRITORY—AMEBIASIS
Local amebiasis in Khabarovsk Territory. A.L.Zelenskii, S.E.Shapiro. Trudy Khab.med.inst. no.20:69-74 '60.

KHABAROVSK TERRITORY—JOURNALISM
Postcard poetry Sov.pech. no.10:15-16 O '62.

KHAKASS AUTONOMOUS PROVINCE—REVOLUTION, 1917-1921
Abakan, Khakasskii nauchno-issledovatel'skii institut iazyka, literatury i istorii. [Struggle for the Soviet government in Khakassia, 1917-1923] Bor'ba za vlast' Sovetov v Khakassii, 1917-1923 gg. Abakan, Khakasskoe knizhnoe izd-vo, 1961. 155 p. (MH)

KHANIN, VASILI TERENT'EVICH, 1907-1962
Vasilii Terent'evich Khanin, obituary N.G.Ignatov and others Muk.-elev.prom 28 no.9,32 S '62

KHANTAYKA VALLEY—SOIL TEMPERATURE
Effect of the exposition and some components of plant and soil coverings on the temperature conditions of soils at the northern taiga border [with summary in English]. A.P. Tyrtikov. Pochvovedenie no.7,82-86 Jl '62.

KHARKOV—ACCOUNTING—STUDY AND TEACHING
Work practice of the Department of Accounting and Statistics of the Kharkov Institute of Engineering and Economics Bukhg.uchet 19 no.6 70-71 Je '62.

KHARKOV—CITY PLANNING
New residential district of Kharkov. N.Kireeva, Iu.Kol'tsov, A.Materin. Stroi.i arkhit. 10 no.9: 14-15 S '62.

KHARKOV—STEAM TURBINES
Water system for the regulation of the K-150-130 turbine developed by the Kharkov Turbo-Generator Plant. V.N.Veller and others. Teploenergetika 9 no.11 10-17 N '62.

KHARKOV PROVINCE—ACCOUNTING
Five years of work in the new way. M.Prokop'ev Bukhg.uchet 19 no.6 10-19 Je '62

KHARKOV PROVINCE—TETANUS
Epidemiology of tetanus in Kharkov Province in the post-war years. V.V.Rossikhin. Zhur.mikrobiol., epid.i immun. 33 no.4:120-121 Ap '62.

KHARKOV PROVINCE—VEGETABLE GARDENING
Economic effectiveness of the production of vegetables in suburban areas. V.P.Borodov. Pyt.ekon.sil'.khoz. URSR no.4:22-26 '61.

KHARKOV REGION—GEOLOGY, STRATIGRAPHIC
Jurassic and Lower Cretaceous sediments in the Kharkov region [with summary in English]. B.P.Sterlin. Biul. MOIP.Otd.geol. 37 no.3,52-57 My-Je '62.

KHASANSKIY DISTRICT—PUERARIA
Pueraria hirsuta (Thunb.) C.K.Schn. a new woody liana in the U.S.S.R. D.P.Vorob'ev, Z.G.Valova. Bot. zhur. 47 no.8:1194-1196 Ag '62.

KHATSKEVICH, RYHOR
"Our fifth grade, verse" by Ryhor Khatskevich Reviewed by An Alekhin Belarus' 19 no.10,20 O '62.

KHERSON—AMATEUR THEATRICALS
Exhibits of a future museum. I.Myl'nyi. Teatr 23 no.10,151 O '62.

KHETAGUROV, KONSTANTIN LEVANOVICH, 1859-1906
Kravchenko, G.I. [Kosta Khetagurov; his life and activities] Kosta Khetagurov; zhizn' i deiatel'nost'. Ordzhonikidze, Severo-Osetinskoe knizhnoe izd-vo, 1961. 348 p.

KHITANS see subdivision under China

KHMELEV, NIKOLAI PAVLOVICH
The Khmelev Library. M.Zotova. Teatr 23 no.10: 157 O '62.

KHMEL'NITSKIY PROVINCE—COLLECTIVE FARMS—ACCOUNTING
Zinovich, I.E. [Economic analysis of collective-farm production] Ekonomicheskii analiz kolkhoznogo proizvodstva. Moskva, Ekonomizdat, 1962, 148 p.

KHMEL'NITSKIY PROVINCE—STOCK AND STOCK-BREEDING
Production of cheap meat on collective farms. V.Oleinik, L.Furman. Ekon.sel'khoz. 33 no.9:68-74 S '62.

KHOL'TSOV, BORIS NIKOLAEVICH, 1901-1940
Boris Nikolaevich Khol'tsov. IA.D.Mikhel'son. Vest. khir. 89 no.8:97-100 Ag '62.

KHOROL DISTRICT—DAIRYING
Some possibilities of increasing the production of milk on collective farms of Khorol District, Poltava Province. M.IU. Kozhemiakina. Pyt.ekon.sil'.khosp. URSR no.4: 120-124 '61.

KHOTOL DISTRICT—FERTILIZERS AND MANURES
Sale of mineral fertilizers to collective farms. S. M. [illegible] Pyt. ekon.-pol. khoz. URSR no. 1 146-151 '61

KHRUSHCHEV, NIKITA SERGEEVICH, 1894-
Communism develops through the work of millions. Oktiabr' 40 no. 12 2-3 O '62

KHRZHONSHCHEVSKII, NIKANOR ADAMOVICH, 1836-
Eminent scientist and public figure N. A. Khrzhonshchevskii. P. I. Rashtuba, I. P. Makarenko. Sov. zdrav. 21 no. 10 6-8 '62

KHU RAU, AMIR, 1253 (or)-1325
The poet Mir Khusrau Dekhlevi (in Azerbaijani with grammar, in Russian). T. A. Mamedova. Baku, Izd-vo AN AzSSR Sektor obshchestv. [illegible] 102 '62

KIPIATICHII, NIKOLAI IVANOVICH, 1851-1881
"Mikola Kybalchich" by V. I. Peshchenko. Reviewed by M. Pal'chun. Znan. ta pratsia no. 10 13 O '62

KIDNEYS
Action of [illegible] clearance on kidney function. B. V. Bevza. Trud. Khab. med. inst. no. 20 193-200 [illegible]

Function of the thyroid gland in compensatory hypertrophy of the kidneys and ovarics [with summary in English]. V. S. Gerasi, Sh. M. Chikhashvili. Biul. eksp. [illegible] 53 no. 6, 19-23 Je '62.

Morphological changes in the kidneys in rheumatism and [illegible] arthritis [urea]. G. N. Vorob'eva. Vrach. delo [illegible] 10 14-20 O '62

Study of glomerular filtration in children by means of [illegible] sulfate and endogenous creatinine [with summary in English]. M. I. Matveev and others. Pediatriia [illegible] 31-33 '62.

KIDNEYS—ABNORMITIES AND DEFORMITIES
Case of tuberculosis in complete bilateral duplication of the kidneys. M. M. Murataliev, O. Y. Ybykeev. Sov. zdrav. Kir. no. 5 56-57 S-O '62

KIDNEYS—BLOOD SUPPLY
Correlation between renal blood flow and filtration in water diuresis [with summary in English]. E. B. Berkhin. Biul. eksp. biol. i med. 53 no. 6 11-14 Je '62.

KIDNEYS—DISEASES
Characteristics of the [illegible] nephritis in endocarditis lenta. I. I. Kryzhanovskaia, L. O. Rogachevskii, E. V. Shulaeva. Vrach. delo no. 10 11-14 O '62

Electrocardiographic observations in hemorrhagic nephrosonephritis. R. Z. Amitina. Trudy Khab. med. in-t. no. 20 75-80 '60.

Late results of the climatotherapy of children with diseases of the kidneys at the Rosa Luxemburg Sanatorium on the southern coast of Crimea (Foros-Gaspra). A. P. [illegible]. Pediatriia no. 8, 36-40 '62.

Some functional studies of the kidneys in hemorrhagic nephroscnephritis. L. I. Vedianova. Trudy Khab. med. in-t. no. 20 95-103 '60

Some hemodynamic indices in hemorrhagic nephrosonephritis. R. Z. Amitina. Trudy, Khab. med. inst. no. 20 84-93 '60.

Some metabolic shifts in Far East hemorrhagic fever with a renal syndrome. A. A. Konstantinov. Trudy Khab. med. in-t. no. 20 86-94 '60.

KIDNEYS—TUBERCULOSIS
Case of tuberculosis in complete bilateral duplication of the kidneys. M. M. Murataliev, O. Y. Ybykeev. Sov. zdrav. Kir. no. 5 56-57 S-O '62.

KIDNEYS, ARTIFICIAL
Pytel', A. IA., and others. [Artificial kidney and its clinical use] Iskusstvennaia pochka i ee klinicheskoe primenenie. Pod red. I. s predisl. A. IA. Pytelia. Moskva, Medgiz, 1961. 291 p. (DNLM)

KIEV—ASTRONOMICAL PHOTOGRAPHY
Photographic observations of meteors at Kiev University Observatory in 1957. V. V. Beniukh and others. Sbor. rab. po mezhdunar. geofiz. godu no. 1 3-15 '61.

KIEV—ARCHITECTS—EDUCATION AND TRAINING
Young architects' sections. I. Ivanov. Stroi. i arkhit. 10 no. 9 32 S '62.

KIEV—ARCHITECTURE—DESIGNS AND PLANS
The feeling of modernity in the work of young architects of Kiev. V. Makhrin. Stroi. i arkhit. 10 no. 9-5-8 S '62.

KIEV—ART—CATALOGS
Kiev. Gosudarstvennyi muzei zapadnogo i vostochnogo iskusstva. [Catalog of West European paintings and sculpture] Katalog zapadnoevropeiskoi zhivopisi i skul'ptury. Moskva, Iskusstvo, 1961. 173 p. (MH)

KIEV—BOOKSELLERS AND BOOKSELLING
Bookstore of friendship. Vasyl' Lysenko. Ukraina no. 18-14 S '62.

KIEV—COMMUNITY LIFE
Let us discuss this problem. M. Shportko. Agitator no. 22-62 N '62.

KIEV—CONGRESSES
Conference on improving the coordination of economic studies in the field of construction in the Ukraine. IA. Frimerman. Ekon. stroi no. 9-60-61 S '62

KIEV—CRIME PREVENTION
I am fighting openly against thieves and swindlers. V. Khelemendik. Mol. komm. no. 10 12-15 O '62

KIEV—HISTORICAL MUSEUMS
Kiesal'nyi, N. I. [Sofia Preserve in Kiev; monument of 11th to 18th century architecture] Sofiiskii Zapovednik v Kieve, pamiatnik arkhitektury XI-XVIII vv. Izd. 2. Kiev, Gos. izd-vo lit-ry po stroit. i arkhit. USSR, 1961. 42 p. (Pamiatniki arkhitektury Ukrainskoi SSR) (TNJ)

KIEV—RADIO AUDIENCES
How we work with radio listeners. A. Petrushenko. Sov. rad. i tel. 6 no. 1 10 '57.

KIEV—RADIO PROGRAMS
In anticipation of the 10th anniversary of the Great October. A. Petrushenko. Sov. rad. i tel. 6 no. 5-21 '57.

KIEV—SCHOOL HYGIENE
The students like it here. Marta Lineiskaia. Zdorov'e 8 no. 10, 15 O '62.

KIEV—STANDARDIZATION
Standardization and unification section at the Kiev Economic Council. S. N. Kosoi. Standartizatsiia 26 no. 10 64 O '62

KIEV—STOMATOLOGY
Visits for stomatological aid by people affected with caries and paradontosis, according to data from one of the medical sections in the Shevchenkov District of Kiev. N. V. Maslenkova. Sov. zdrav. 21 no. 10 14-47 '62

KIEV—STUDENTS, FOREIGN
They have come to us to study. V. Shaniuk. Ukraina no. 21, 15 N '62.

KIEV—TELEVISION AND MUSIC
On television for children. I. Nikol'skaia. Sov. rad. i tel. 6 no. 3 23-24 '57.

KIEV—TEXTILE FIBERS, SYNTHETIC
Improving technology is an important factor in increasing the efficiency of capital investments. H. Morozov, L. Profatilova. Ekon. Rad. Ukr. no. 4 97-99 Jl-Ag '62.

KIEV—WORLD WAR, 1939-1945
[Kiev, a heroic city; collected materials concerning the heroism of its people during the Great Patriotic War] Kyiv - heroi, zbirnyk materialiv pro podvyh kyianu u Velyki Vitchyznianii viini. [Kyiv] Kyivs'ke obl. knyzhkovo-gazetne vyd-vo, 196; 422 p

KIEV ECONOMIC REGION—GAS, NATURAL—STORAGE
State and results of prospecting operations in connection with the underground storage of gas in the Kiev Economic Region of the Ukrainian S. S. R. I. V. Kuznetsov. Trudy SGPK no. 3-125-162 '62.

KIEV GOVERNMENT—REVOLUTION, 1917-1921
[The Kiev Government during the civil war and the foreign armed intervention, 1918-1920; collected documents and source materials] Kievshchina v gody grazhdanskoi voiny i inostrannoi voennoi interventsii, 1918-1920 gg., sbornik dokumentov i materialov. Kiev, Gospolitizdat, USSR, 1962. 536 p.

KIEV-KONSOMOL—HYDROELECTRIC POWER STATION
Where Vyshgorod fought. A. Vetrov. Ogonek 40 no. 42-1 O '62.

KIEV PROVINCE—AGRICULTURAL WORKERS
Utilization of labor resources on collective farms of Kiev Province. L. K. Domosevych. Pyt. ekon. sil'. hosp. URSR no. 1, 61-67 '61.

KIEV PROVINCE—AGRICULTURE
Sowing time. Nikolai Bykov. Ogonek 40 no. 43, 6-8 O '62.

KIEV PROVINCE—FINANCE
Put hidden potentialities of industries in the service of the state. N. Bakov. Fin. SSSR 23 no. 10 42-47 O '62

KIEV PROVINCE—INDUSTRIAL MANAGEMENT
Put hidden potentialities of industries in the service of the state. N. Bakov. Fin. SSSR 23 no. 10 42-47 O '62

KIEV PROVINCE—REVOLUTION, 1917-1921
In anticipation of the 40th anniversary of the Great October. A. Petrushenko. Sov. rad. i tel. 6 no. 5, 21 '57.

KIEVO-SVYATOSHINSKIY DISTRICT—COLLECTIVE FARMS—ACCOUNTING
Accounting apparatus and the mechanization of [illegible] ing. IA. V. Titov. Uchet i fin. v kolkhoz. i sovkh. 19 no. 9 19-22 S '62

KILNS, ROTARY
Russia (1923- U.S.S.R.) Gosudarstvennyi komitet po delam stroitel'stva. [Technical specifications SN 208-62 for the assemblage of rotary kilns and their dryers] Tekhnicheskie ukazaniia na montazh vrashchaiushchikhsia pechei i barabannykh sushilok SN 208-62. Moskva, Gosstroizdat, 1962. 71 p.

KIMBERLITE see subdivision under Siberian Platform

KINDERGARTEN—MUSIC
Volnova, A. D. [Development of the purity of intonation in the singing of preschool children] Razvitie chistoty intonatsii v penii doshkol'nikov. Moskva, Izd-vo Akad. pedagog. nauk RSFSR, 1960. 137 p. (CLU)

KINETIC THEORY OF GASES see Gases, Kinetic theory of

KINKLADZE, SHOTA
Will of a soldier. S. Komarov. Sov. voin. 14 no. 16 O '62.

KINRIK, EVGENII ADOL'FOVICH, 1900-
Kinrik, E. A. [Drawings] Risunki. Leningrad, Khudozhnik RSFSR, 1961. 9 p. (Velikii Oktiabr' v proizvedeniiakh sovetskikh khudozhnikov [2])
(MH)

KIRGHIZ LANGUAGE—DICTIONARIES—RUSSIAN
Akademiia nauk Kirgizskoi SSR, Frunze. Terminologicheskaia komissiia. [Dictionary of grammatical terms of the Kirghiz language. Slovar' grammaticheskikh terminov kirgizskogo iazyka] Frunze, 1961. 35 p. (MH)

KIRGHIZ LANGUAGE—GRAMMAR—TERMINOLOGY
Akademiia nauk Kirgizskoi SSR, Frunze. Terminologicheskaia komissiia. [Dictionary of grammatical terms of the Kirghiz language. Slovar' grammaticheskikh terminov kirgizskogo iazyka] Frunze, 1961. 35 p. (MH)

KIRGHIZ LITERATURE
Frunze. Gosudarstvennaia publichnaia biblioteka Kirgizskoi SSR. Bibliograficheskii otdel. [Second decade festival of Kirghiz art and literature in Moscow, October 14-25, 1958; bibliography] Vtoraia dekada Kirgizskogo iskusstva i literatury v Moskve, 14-25 oktiabria 1958 g.; bibliograficheskii ukazatel'. Frunze, 1959. 116 p.
(MH)

KIRGHIZ RANGE—SNOW
Formation of the snow cover on southern and northern slopes of the Kirghiz Range. N. N. Zhukov. Izv. AN Kir. SSR. Ser. est. i tekh. nauk 1 no. 1, 121-126 '62.

KIRGHIZ RANGE—SOILS—ANALYSIS
Genetic types of soils and soil improvement regions in piedmont plains of the Kara-Tau and the western part of the Kirghiz Range. I. A. Auling. Trudy Inst. pochv. AN Kazakh SSR 13, 3-47 '62

KIRGHIZISTAN—ADMINISTRATIVE AND POLITICAL DIVISIONS
Administrative territorial division and the economic-geographical regionalization of the Kirghiz S. S. R. V. F. Pavlenko. Izv. Kir. fil. Geog. ob-va SSSR no. 3 13-21 '61.

KIRGHIZISTAN—AGRICULTURAL GEOGRAPHY
Agricultural regionalization of the Kirghiz S. S. R. O. S. Seitakhmatov. Izv. Kir. fil. Geog. ob-va SSSR no. 3, 45-55 '61.

Basis for agricultural distribution and specialization in Kirghizistan. V. I. Lisshenko, M. E. Rabinovich. Izv. Kir. fil. Geog. ob-va SSSR no. 3, 57-65 '61.

Practice in the agroclimatic regionalization of the Kirghiz S. S. R. A. A. Grigor'ev, M. M. Markova. Izv. Kir. fil. Geog. ob-va SSSR no. 3, 129-136 '61.

KIRGHIZISTAN—AMBARY HEMP
Effect of harvesting time on the germination of ambary hemp seeds. N. G. Protsenko. Uch. zap. Biol. [illegible] fak. Kir. un. no. 7, 39-47 '58.

KIRGHIZISTAN—ANGIOSPERMS
Akademiia nauk Kirgizskoi SSR, Frunze. Institut botaniki. Sektor lesa. [Trees and shrubs of Kirghizia] Derev'ia i kustarniki Kirgizii. Sost. P. A. Dzhanaeva i dr. Frunze, Izd-vo AN Kirgizskoi SSR.
No. 2. [Families: Liliaceae-Moraceae] Semeistva liliinyo-tutovye. 1961. 211 p.
(DNAL)

KIRGHIZISTAN—CLICK BEETLES
New species of click beetles (Cleoptera, Elateridae) from Kirghizistan. E. L. Gurieva. Trudy Zool. inst. 30 252-253 '62.

KIRGHIZISTAN—CLIMATE

Climatic regionalization of the Kirghiz S.S.R. Z.A. Riazantseva. Izv.Kir.fil.Geog.ob-va SSSR no.3, 119-128 '61.

KIRGHIZISTAN—COMMUNIST YOUTH LEAGUE

Value every minute. M.Gavrilov. Mol.komm. no.10 18-21 O '62

KIRGHIZISTAN—COTTON GROWING

Effect of root pruning time on the opening of cotton bolls. H.G.Protsenko. Uch.zap.Biol.-pochv.fak.Kir.un. no.7:49-51 '58.

KIRGHIZISTAN—CROPS AND CLIMATE

Practice in the agroclimatic regionalization of the Kirghiz S.S.R. A.A.Grigor'ev, M.M.Markova. Izv. Kir.fil.Geog.ob-va SSSR no.3:129-136 '61.

KIRGHIZISTAN—DODDER

Studying dodders on the "Vasil'evskii" State Farm. G.I. Migacheva. Uch.zap.Biol.-pochv.fak.Kir.un. no.7: 55-63 '58.

KIRGHIZISTAN—DOMESTIC ANIMALS—WATERING

Irrigation of seasonal pastures of the Kirghiz S.S.R. V.S.Kulikov. Izv.AN Kir.SSR Ser.est.i tekh.nauk 4 no.1:95-107 '62.

KIRGHIZISTAN—EAGLES

Materials on the biology of the golden eagle. D.Yrsaliev. Izv.AN Kir.SSR.Ser.biol.nauk 4 no.1:83-87 '62

KIRGHIZISTAN—ECONOMIC CONDITIONS

Development of the economy and the problems of the economic regionalization of the Kirghiz S.S.R. K.Otorbaev. Izv.Kir.fil.Geog.ob-va SSSR no.3 7-12 '61.

KIRGHIZISTAN—ECONOMIC ZONING

Administrative territorial division and the economic-geographical regionalization of the Kirghiz S.S.R. V.F.Pavlenko. Izv.Kir.fil.Geog.ob-va SSSR no.3 13-21 '61.

Development of the economy and the problems of the economic regionalization of the Kirghiz S.S.R. K.Otorbaev. Izv.Kir.fil.Geog.ob-va SSSR no.3 7-12 '61.

Economic relations and problems of the economic regionalization of Kirghizistan. B.I.Murataliev. Izv. Kir.fil.Geog.ob-va SSSR no.3,26-35 '61.

Industrial zoning of Kirghizistan. N.S.Leipov. Izv. Kir.fil.Geog.ob-va SSSR no.3:37-44 '61.

On the problem of the economic (economic and geographical) regionalization of the Kirghiz S.S.R. M.M. Kartavov. Izv.Kir.fil.Geog.ob-va SSSR no.3:23-27 '61.

KIRGHIZISTAN—FARM MANAGEMENT

Specialization and the stockbreeding system in the Kirghiz S.S.R. M.N.Lushchikhin. Izv.Kir.fil.Geog.ob-va SSSR no.3,67-72 '61.

KIRGHIZISTAN—FIELD CROPS

Stubble crops on the "Vasil'ovskii" State Farm in the Kirghiz S.S.R. K.I.Aroshenko. Uch.zap.Biol.-pochv.fak.Kir.un. no.7:19-32 '58.

KIRGHIZISTAN—FISH CULTURE

Fish culture on the pond farms of Kirghizia and its intensification. A.I.Goncharov. Izv.AN Kir.SSR Ser biol.nauk 4 no.1:103-119 '62.

KIRGHIZISTAN—FISHES—GEOGRAPHICAL DISTRIBUTION

Ecological and geographical grouping of fish, and the regionalization of the fishing industry in Kirgizistan. F.A.Turdakov. Izv.Kir.fil.Geog.ob-va SSSR no.3 77-80 '61.

KIRGHIZISTAN—FOREST MANAGEMENT

Thorough care for the nut forests of southern Kirghizistan. N.I.Bukin, N.N.Gusev. Les.khoz. 15 no.6:32-33 Je '62.

KIRGHIZISTAN—FORESTS AND FORESTRY

Regionalization of the mountain forests of Kirghizistan. G.F.Protopopov. Izv.Kir.fil.Geog.ob-va SSSR no.3:189-194 '61.

KIRGHIZISTAN—FRUIT CULTURE

Regionalization of fruit culture in Kirghizistan. E.Z. Gareev. Izv.Kir.fil.Geog.ob-va SSSR no.3:73-76 '61.

KIRGHIZISTAN—GEOMORPHOLOGY

Geomorphologic regionalization of Kirghizistan. D.I. Isaev. Izv.Kir.fil.Geog.ob-va SSSR no.3:103-109 '61.

KIRGHIZISTAN—GRASSES—WATER REQUIREMENTS

Water requirements of wild and cultivated grasses in the mountainous districts of Kirghizistan. V.IA. Babalo. Izv.AN Kir.SSR.Ser.est.i tekh.nauk 4 no.3:75-94 '62.

KIRGHIZISTAN—HISTORY

Akademiia nauk Kirgizskoi SSR, Frunze. Institut istorii. Istoricheskii muzei. [Handbook and guide] Spravochnik-putevoditel'. Frunze, 1960. 170 p. illus. (MII)

KIRGHIZISTAN—HYDROELECTRIC POWER STATIONS

The giant of Toktogul [with English summary in insert] A.Solonitsyn. Az.i Afr.sog. no.10:32-33 O '62.

KIRGHIZISTAN—HYDROLOGY

Hydrologic regionalization of Kirghizistan. A.T. Il'iasov. Izv.Kir.fil.Geog.ob-va SSSR no.3:137-147 '61.

KIRGHIZISTAN—INDUSTRIES, LOCATION OF

Industrial zoning of Kirghizistan. N.S.Leipov. Izv. Kir.fil.Geog.ob-va SSSR no.3 37-44 '61.

KIRGHIZISTAN—IRRIGATION

Dividing the Kirghiz S.S.R. into regions based on hydrolic modules. S.M.Romanov. Izv.Kir.fil. Geog.ob-va SSSR no.3:119-129 '61.

Irrigation conditions on the "Vasil'evskii" State Beet Farm. A.I.Petrovicheva. Uch.zap.Biol.-pochv.fak. Kir.un. no.7:63-90 '58.

KIRGHIZISTAN—IRRIGATION CANALS AND FLUMES

Measures for seepage prevention in irrigation systems. M.M.Kabakov. Izv.AN Kir.SSR.Ser.est.i tekh.nauk 4 no.1:37-50 '62.

KIRGHIZISTAN—JUNIPER

Dzhanaeva, V.M. [Gathering juniper berries and growing juniper seedlings in irrigated nurseries of Kirghizistan, temporary recommendations] Sbor shishkolagod i vyrashchivanie sejantsev archi v polivnykh pitomnikakh Kirgizii; vremennye rekomendatsii. Frunze, Izd-vo Akad. nauk Kirgizskoi SSR, 1962. 20 p. (DNAL)

KIRGHIZISTAN—MEDICINE, RURAL

Work of the Kirghiz Republic Clinical Hospital. S.D. Rafibekov. Sov.zdrav. 21 no.10:77-78 '62

KIRGHIZISTAN—NEWSPAPER AND PERIODICAL CIRCULATION

Let's advertise newspapers and magazines more in rural areas. Sh.Kasymov. Raspr.pech. no.10,11 O '62

KIRGHIZISTAN—PASTURES AND MEADOWS

Chemical methods of controlling weeds in pastures and meadows of Kirghizistan. A.G.Golovka. Uch.zap. Biol.-pochv.fak.Kir.un. no.7:91-119 '58.

KIRGHIZISTAN—PASTURES AND MEADOWS—IRRIGATION

Irrigation of seasonal pastures of the Kirghiz S.S.R. V.S.Kulikov. Izv.AN Kir.SSR.Ser.est.i tekh.nauk 4 no.1:95-107 '62.

KIRGHIZISTAN—PHYTOGEOGRAPHY

Geobotanical regionalization of Kirghizistan. L.V. Vykhodtsev. Izv.Kir.fil.Geog.ob-va SSSR no.3:103-107 '61.

KIRGHIZISTAN—RATS

Reproduction of the Turkestan rat. K.Beishebaev. Izv. AN Kir.SSR.Ser.biol.nauk 4 no.1:27-39 '62.

KIRGHIZISTAN—RODENTIA

Variations in the abundance of gerbils and lesser murine rodents in the regions of Kirghizistan contiguous to Fergana. L.P.Rapoport, N.I.Semenova. Izv.AN Kir.SSR, Ser.biol.nauk 4 no.1:41-48 '62.

KIRGHIZISTAN—SEISMOLOGY

Seismic regionalization of Kirghizistan. E.A.Rozova. Izv.Kir.fil.Geog.ob-va SSSR no.3:111-118 '61.

KIRGHIZISTAN—SOILS—CLASSIFICATION

Soil regions of Kirghizistan. A.M.Manytov, G.I. Rotchenko. Izv.Kir.fil.Geog.ob-va SSSR no.3:171-182 '61.

KIRGHIZISTAN—STOCK AND STOCKBREEDING

Specialization and the stockbreeding system in the Kirghiz S.S.R. M.N.Lushchikhin. Izv.Kir.fil.Geog.ob-va SSSR no.3:67-72 '61.

KIRGHIZISTAN—STOCK AND STOCKBREEDING—COSTS

Basis for agricultural distribution and specialization in Kirghizistan. V.I.Liashenko, M.E.Rabinovich. Izv. Kir.fil.Geog.ob-va SSSR no.3:57-65 '61.

KIRGHIZISTAN—SUGAR BEETS

Evtushenko, G.A. [Causes of the decrease of the sugar content of sugar beets in Kirghizistan] Prichiny snizheniia sakharistosti sakharnoi svekly v Kirgizii. Frunze, Izd-vo Akad. nauk Kirgizskoi SSR, 1961. 66 p. (DNAL)

KIRGHIZISTAN—SUSLIKS

Reproduction, growth and development of the relict suslik in Kirghizia. A.T.Toktosunov. Izv.AN Kir.SSR. Ser.biol.nauk 4 no.1:49-53 '62.

KIRGHIZISTAN—TUBERCULOSIS—PREVENTION

Problem of tuberculosis in Kirghizistan. M.I.Kitaev, E.M.Slastenova. Sov.zdrav.Kir. no.5:60-64 S-O '62.

The most important problems in controlling tuberculosis in the Kirghiz S.S.R. A.A.Abdrakhmatov. Sov.zdrav Kir. no.5:3-9 S-O '62

KIRGHIZISTAN—WATER—COMPOSITION

Comparative characteristics of the chemical composition of well waters on the "Vasil'evskii" State Farm. I.G. Druzhinin, L.T.Vasilomeeva, S.A.Feldshter. Uch. zap.Biol.-pochv.fak.Kir.un. no.7:155-162 '58.

KIRGHIZISTAN—WHEAT BREEDING

Characteristics of hybrids produced by crossbreeding Polish and branched wheats. D.P.Stepanenko. Uch. zap.Biol.-pochv.fak.Kir.un. no.7:3-17 '58

KIRGHIZISTAN—ZOOGEOGRAPHY

Practice in the zoogeographical regionalization of Kirghizistan in the light of economic development. A.I. IAnushevich. Izv.Kir.fil.Geog.ob-va SSSR no.3: 105-208 '61.

KIROV PROVINCE

Kirlukhina, E.I. [Lenin about our region] Lenin o nashem krae. [Kirov] Kirovskoe knizhnoe izd-vo, 1961. 63 p. (MII)

KIROV PROVINCE—PENSIONS

Without coupons. K.Napol'skikh. Sots.obesp. 23 no.10 23 O '62.

KIROV PROVINCE—WAGE PAYMENT SYSTEMS

Raise the work of labor sections to a higher level. IA.Podol'skii. Sots.trud 7 no.8,93-100 Ag '62.

KIROVO-CHEPETSK DISTRICT—HISTORIC TREES

Living monuments of history. A.Mezentsev. Agitator no.22:62 N '62.

KISIUCHAY RIVER BASIN—FLOODS

The mud torrents in the Kishchay River basin and measures to control them. M.S.Mamedzade. Izv. AN Azerb.SSR.Ser.fiz.-mat.i tekh.nauk no.2 101-111 '62.

KISLOVODSK—BATHS, MEDICATED

Effect of compound health resort treatment in Kislovodsk using Narzan baths on neurosis patients with cardialgia and the angioneurotic form of stenocardia; based on data from clinical observation and plethysmography. N.I. Chmarova. Uch.zap.Pyat.gos.nauch.-issl.bal'n.inst. 3 231-246 '60.

KISLOVODSK—BONE CARVING

Trading old glory. L.Davydov. Mest.prom.i khud. promys. 3 no.6 37-38 Ag '62.

KISLOVODSK—HEALTH RESORTS, WATERING PLACES, ETC.

Change in the function of external respiration under the influence of health resort treatment in Kislovodsk. S.P.Mel'nichuk, G.S.Mel'nikov. Uch.zap.Pyat.gos. nauch.-issl.bal'n.inst. 3 307-322 '60.

Effectiveness of health resort treatment in Kislovodsk of hypertension with a varying electrocardiogram character. B.V.Sitel'. Uch.zap.Pyat.gos.nauch.-issl.bal'n.inst. 3:256-270 '60.

Effect of negatively ionized air on hypertension under the conditions of Kislovodsk health resort. V.A. Titarenko. Uch.zap.Pyat.gos.nauch.-issl.bal'n.inst. 3:289-294 '60.

Immediate and late results of treatment in Kislovodsk of neurosis patients with cardiovascular manifestations. E.P.Fedorova. Uch.zap.Pyat.gos.nauch.-issl.bal'n. inst. 3:247-255 '60.

KISLOVODSK—MINERAL WATERS

Geology of the source of the Kislovodsk mineral waters according to new data. A.A.Iovdal'skii. Uch.zap. Pyat.gos.nauch.-issl.bal'n.inst. 3:414-430 '60

KITCHEN UTENSILS

Electric pan serves longer. G.Gal'perin. Obshchestv. pit. no.7:39 Jl '62.

KIZEL BASIN—COAL MINES AND MINING

Blasting method of coal mining without the presence of miners in the Kizel Basin coal mines. B.V.Rozov, K.G.Sinopal'nikov, P.A.Saldin. Ugol' 37 no.10,6-9 O '62.

KIZHINGA VALLEY—FOREST ECOLOGY

Forest vegetation in the Kizhinga basin (Buryat A.S.S.R.). L.P.Rysin. Trudy Inst.lesa i drev. 54 119-157 '62.

KIZIL KUM see Kyzyl Kum

KIZYL-ARVAT—RAILROADS—EMPLOYEES

Revolutionary struggle of the workers in the Kizyl-Arvat central railroad workshops during the years 1910-1914. P.Redzhepov. Izv.AN Turk.SSR.Ser.obshchestv.nauk. no.5:94-98 '62.

KLIMOV, VLADIMIR IAKOVLEVICH, 1892-1962

V.IA. Klimov; obituary. Vest.AN SSSR 32 no.10:73-74 O '62.

KLYSTRONS

Quality of amplifier stages and output circuit of a wide-band klystron. A.D. Vlasov, N.E Belov Radiotekh. i elektron. 7 no.10.1787-1794 O '62.

Simulation of a grouping process in a klystron by means of positive ions. V.D. Sushkov. Izv.LETI 57 no.39-112-125 '59.

KNITTING

Gai-Gulina, Z.S., and B.M. Vainberg. [Patterns for artistic hand-knitting] Uzory khudozhestvennogo ruchnogo viazaniia. Moskva, Gosmestpromizdat, 1962. 75 p.

KNITTING, MACHINE

Investigating the causes of the crosswise streak formation in lock-knit warp cloth and the ways of its elimination. Report No. 2. Ways of eliminating the formation of crosswise streaks in tricot cloth F. I. Moiseenko, V.A. Radzievskii. Izv.vys.ucheb.zav.,tekh.leg.prom. no.4 119-125 '62.

KNITTING MACHINES

Mirkin, M.S., and S.Kh. Simin. [Circular knitting machines for knitted outerwear] Krugloviazal'nye mashiny verkhnego trikotazha. Moskva, Rostekhizdat, 1962. 307 p.

KNOWLEDGE, THEORY OF

A conference on the logic of scientific knowledge. M.V. Popovich, V.I.Sadovskii. Vop.filos. 16 no.10 133-141 '62.

Koshevoi, K.K. [Reasoning and suggestion and Pavlov's theory of conditioned reflexes] Suzhdenie i predlozhenie i pavlovskoe uchenie ob uslovnykh reflekasakh Perm', Permskoe knizhnoe izd-vo, 1959. 101 p. (NNC)

Some problems in the logic of scientific knowledge [with summary in English, p. 179-180]. P.V. Tabanets, V.S. Shvyrev. Vop.filos. 16 no.10 10-21 '62.

KOBDO, MONGOLIA—DESCRIPTION

Star of the Altai D. Dandiiadam. Sovr. Mong. 7 no.6 6-7 Je '62.

KODRY—APPLE—VARIETIES

Biological characteristics of local apple varieties in the Kodry zone of Moldavia A.M. Vukolova Trudy Mold. nauch.-issl. inst. sad., vin. 5:3-77 '60

KOKCHETAV PROVINCE—PINE

Some results of research on the vigor of pine seeds. G.I. Iamagudov. Les.khoz. 15 no.6:47-48 Je '62.

KOLA PENINSULA—PALEONTOLOGY, STRATIGRAPHIC

Organic remains in ancient sedimentary-metamorphic formations of the Kola Peninsula. V.V. Liubtsov. Izv.AN SSSR Ser.geol. no.10:69-73 O '62.

KOLAS, IAKUB, pseud. see Mitskevich Konstantin Mikhailovich, 1882-1956

KOLCHAK, ALEKSANDR VASIL'EVICH, 1873-1920

Spirin, L.M. [Attack Kolchak!] Na Kolchaka! Moskva, Gospolitizdat, 1962. 77 p. (Stranitsy istorii Sovetskoi Rodiny)

KOLKHOZES see Collective Farms

KOLOFIDIN, NIKIFOR GRIGOR'EVICH, 1902-

Man with an open heart. G. Rumiantsev. Teatr 23 no.10:152-153 O '62.

KOLOMNA—TEXTILE MACHINERY

Soviet public should control the quality of produced goods. A. Beliaev. Agitator no.22:44-46 N '62.

KOLOVO (KARELIA)—LUMBERMEN

Man in the forest. P. Golubev. Smena 39 no.21:18-19 N '62.

KOLYMA VALLEY—BRACHIOPODA, FOSSIL

New species of Early Carboniferous Brachiopoda from the Kolyma Valley M.G. Mironova Paleont.zhur. no.2:80-86 '62

KOLYMA VALLEY—GEOLOGY

Recent data on the Mesozoic stratigraphy and tectonics of the lower Kolyma River. A.I. Sadovskii. Geol. i geofiz. no.8.114-117 '62.

KOMI A.S.S.R.—FOREST REPRODUCTION

Soil cover and natural regeneration of spruce. A.S. Dmitriev. Les.khoz. 15 no.6:34 Je '62.

KOMI A.S.S.R.—SPRUCE

Soil cover and natural regeneration of spruce. A.S. Dmitriev. Les.khoz. 15 no.6:34 Je '63.

KOMMUNAR (DONETSK PROVINCE)—IRON AND STEEL PLANTS

Reorganization of the Kommunar Metallurgical Plant. E.P. Driapik, L.P. Zhitin, D.P. Sherle. Stal' 22 no.10 865-870 O '62

KOMSOMOL'SK—COMMUNIST YOUTH LEAGUE

My youth, Komsomol'sk... M. Burakovskaia. Sov. Ukr. no.9:117-126 S '62.

KONELA—MIRACLES

"The well" D. Batuiyns'kyi Volov ateist no.10 43 O '62.

KONZHUKOVA, ELENA DOMET'EVNA, 1902-1961

Elena Dometievna Konzhukova, obituary IU. A. Orlov Paleont.zhur. no.2 180-182 '62

KOPET-DAG—FRUIT

Ability of polycarpic plants to form adventitious buds from the secondary meristem. N.I. Turavtsev. Trudy TSGL 7:140-162 '61.

KOPYL' DISTRICT—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

In close contact with life. I. Alekseev. Blok.agit. (Bel.) no.3 12-16 Ja '60.

KOREA—HISTORY

Assault on Tungning, a county seat in Manchuria, September 6, 1933. Ho, Pong-hak Voen.-ist.zhur. 4 no.10:74-78 O '62.

KOREA, NORTH—ECONOMIC CONDITIONS

Kim, Il-song. [Current objectives of the Government of the Korean People's Democratic Republic, Comrade Kim Il-song's address to the first session of the Third Supreme National Assembly of the Korean People's Democratic Republic, October 23, 1962] Ocherednye zadachii pravitel'stva Koreiskoi Narodno-Demokraticheskoi Respubliki; rech' tovarishcha Kim Ir-sena na pervoi sessii Verkhovnogo narodnogo sobraniia KNDR tret'ego sozyva, 23 oktiabria 1962 goda. Pyongyang, TSentr. telegrafnoe agenstvo Korei [1962] 47 p. (Prilozhenie k no.29 informatsionnogo biulletenia "Novosti Korei")

KOREA, NORTH—ECONOMIC POLICY

Kim, Il-song. [Current objectives of the Government of the Korean People's Democratic Republic; Comrade Kim Il-song's address to the first session of the Third Supreme National Assembly of the Korean People's Democratic Republic, October 23, 1962] Ocherednye zadachii pravitel'stva Koreiskoi Narodno-Demokraticheskoi Respubliki; rech' tovarishcha Kim Ir-sena na pervoi sessii Verkhovnogo narodnogo sobraniia KNDR tret'ego sozyva, 23 oktiabria 1962 goda. Pyongyang, TSentr. telegrafnoe agenstvo Korei [1962] 47 p. (Prilozhenie k no.29 informatsionnogo biulletenia "Novosti Korei")

KOREA, NORTH—MOTION-PICTURE STUDIOS

Motion-picture studio of theatrical films in Pyongyang (Korean People's Republic). Tekh.kino i telev. 6 no.9 78-79 S '62.

KOREA, NORTH—POWER RESOURCES

Some problems of the development of fuel-power supply in the Korean Democratic Republic. V. Martynov. Nauch.dokl.vys.shkoly; ekon.nauki no.5:31-39 '62.

KOREAN LANGUAGE—RIME

Rime in "Hsi Cho" M.I Nikitina. Nar.Az.i Afr. no.5 149-154 '62

KOROBESHKO, MIRON ANDREEVICH

Gasenko, I.D. Miron Andreevich Korobeshko. [Smolensk] Smolenskoe knizhnoe izd-vo, 1961. 34 p. (Smolichane - geroi Sovetskogo Soiuza) (MH)

KOROLENKO, VLADIMIR GALAKTIONOVICH, 1853-1921

[V.G. Korolenko in the reminiscences of his contemporaries] V.G. Korolenko v vospominaniiakh sovremennikov. [Moskva] Goslitizdat, 1962. 653 p. (Serlia literaturnykh memuarov) (MH)

KOROLEVYCH, OLEKSANDR DMYTROVYCH, 1900-1958

"Calvary" by Les' Gomin. Reviewed by L. Makarov. Nauka i rel. no.5:91-93 My '62.

KORYAK RANGE—CINNABAR CRYSTALS

Materials on the crystallography of cinnabar of the Koryak Range. P.V. Babkin. Zap.Vses.min.ob-va 91 no.3:337-342 '62.

KOSMACHEVSKII, VIACHESLAV VIKTOROVICH, 1887-

Viacheslav Viktorovich Kosmachevskii; on his 75th birthday. IA.I. Sokolovskaia and others. Zhur.mikrobiol., epid.i immun. 33 no.4:154-155 Ap '62.

KOSTROMA—AERONAUTICS—COMPETITIONS

Airplane model competitions do not like weaklings. M. Lebedinskii. Kryl.rod. 13 no.10:24-25 O '62.

KOSTROMA—FLAX INDUSTRY

Technical and economic council of a factory. G.Chumakova. Part.zhizn' no.21:58-67 N '62.

KOSTROMA PROVINCE—BIRCH

Crown closure of birch groves and its importance in forestry. V.V. Stepin. Les.khoz. 15 no.6:28-30 Je '62.

KOTOV, MIKHAIL PAVLOVICH, 1892-

On the occasion of the 70th birthday of Professor M.P. Kotov. Izv.vys.ucheb.zav.,tekh.leg.prom. no.4:147-148 '62.

KOTSIUBYNS'KYI, MYKHAILO, 1864-1913

Contribution to the biography of Mykhailo Kotsiubyns'kyi (continuation) M.M. Potupeiko Rad.lit. 6 no.1 67-77 Ja-Ag '62.

Kostenko, M.O. [Literary craftsmanship of M.M. Kotsiubyns'kyi] Khudozhnia maisternist' M.M. Kotsiubyns'koho. Kyiv, Radians'ka shkola, 1961. 174 p. (MH)

KOZEMIASHEV, PETR IVANOVICH

Permanent correspondent in the district. I. Shakhnazarov. Sov.rad.i tel. 6 no.4:16-17 '57.

KOZHEVNIKOV, VADIM MIKHAILOVICH, 1909-

"Flying day" by Vadim Kozhevnikov. Reviewed by V. Litvinov. Ogonek 40 no.44:25 O '62.

KRAMATORSK—MACHINERY INDUSTRY

How the party committee of the Novo-Kramatorsk Machinery Manufacturing Plant helps to improve technological methods and the quality of manufactured machines Part.zhizn' no.22 41-44 N '62.

Metal pressure on rolls and cogging conditions on a three-high sheet rolling mill in the Novo-Kramatorsk Machinery Plant. A.P. Chekmarev, L.D. Kaplunov, S.N. Rabinovich. Nauch.trudy DMI no.40 235-249 '62.

KRAMSKOI, IVAN NIKOLAEVICH, 1837-1887

Kramskoi's truth. V. Voronov. Ogonek 40 no.21:10-11 Je '62.

KRASIN, LEONID BORISOVICH, 1870-1926

Karpova, R.F. [L.B. Krasin, a Soviet diplomat] L.B. Krasin; sovetskii diplomat. Moskva, Sotsekgiz, 1962. 204 p. (Vydaiushchiesia diplomaty)

KRASNODAR TERRITORY—BARLEY

Main ways for increasing barley yields in the Northern Caucasus. P.V. Barannikov. Zemledelie 24 no.6 13-16 S '62.

KRASNODAR TERRITORY—COLLECTIVE FARMS—ACCOUNTING

From piecestimation to the journal-voucher accounting system. G.M. Kolomeitsev. Uchet i fin. v kolkhoz. i sovkhoz. 10 no.10 20-23 O '62.

KRASNODAR TERRITORY—COLLECTIVE FARMS—FINANCE

Accumulation and the problem of price determination. G. Romanchenko. Ekon.sel'khoz. 33 no.9:32-37 S '62.

The methodology for analyzing collective farm incomes. A. Libkind. Ekon.sel'khoz. 33 no.9:9-15 S '62.

KRASNODAR TERRITORY—MILITARY EDUCATION

Those who go out in front L. Vasilev. Voen.znan. 38 no.10 11-12 O '62

KRASNODAR TERRITORY—PENSIONERS

Active workers of the local soviets. A. Konev. Sots. obesp. 23 no.10:21-22 O '62.

KRASNODAR TERRITORY—SEED PRODUCTION

Karaerov, P.G., and I.A. Shutenko. [Method for growing sugar beet seeds without transplantation] Bezvysadochnyi sposob vyrashchivaniia semian sakharnoi svekly. Moskva, Sel'khozizdat, 1962. 62 p. (DNAL)

KRASNODAR TERRITORY—SUGAR BEETS

Karaerov, P.G., and I.A. Shutenko. [Method for growing sugar beet seeds without transplantation] Bezvysadochnyi sposob vyrashchivaniia semian sakharnoi svekly. Moskva, Sel'khozizdat, 1962. 62 p. (DNAL)

KRASNOKUTSKIY DISTRICT (SARATOV PROVINCE)—AGRICULTURAL ADMINISTRATION

When work is appreciated.... P. Karpov. Sov.profsoiuzy 18 no.20:13-14 O '62.

KRASNOV, ANDREI NIKOLAEVICH, 1862-1914

Andrei Nikolaevich Krasnov; on the 100th anniversary of his birth. F.N. Mil'kov. Vest.Mosk.un. Ser.5: Geog. 17 no.5:69-71 S-O '62.

KRASNOYARSK TERRITORY—COMMUNIST YOUTH LEAGUE

Vasil'ev, D., V. Kukushkin, and G. Safronov. [Happiness in work; members of the Krasnoyarsk Territory Communist Youth League in the years of postwar five-year plans] Schast'e v trude; komsomol'tsy Krasnoiarskogo kraia v gody poslevoennykh piatiletok. [Krasnoiarsk] Krasnoiarskoe knizhnoe izd-vo, 1960. 78 p. (MH)

KRASNOYARSK TERRITORY—INSURANCE, SOCIAL

Siberians carry out the party resolutions. Sots.obesp. 23 no.10:5-8 O '62.

KRASNOYARSK TERRITORY—MINES AND MINERAL RESOURCES

Krasnoiarskaia kompleksnaia ekspeditsiia. [Minerals of Krasnoyarsk Territory; coals, iron, and nonmetalliferous minerals] Poleznye iskopaemye Krasnoiarskogo kraia; ugli, zhelezo, nerudnoe syr'e. Moskva, Izd-vo Akad. nauk SSSR, 1962. 205 p.

KRASNOYARSK TERRITORY—RADIO IN AGRICULTURE
Discussion over the radio. V. Kurach. Sov. rad. i tel. 6 no. 4:11-12 '57.
"Special broadcast." V. Kurach. Sov. rad. i tel. 6 no. 6, 20-21 '57.

KRASOVS'KYI, ANDRII OPANASOVYCH, 1822-1869
Marakhov, I. I. [Andrii Krasovs'kyi, fighter against slavery and autocracy] Andrii Krasovs'kyi, borets' proty kriposnytstva i samoderzhavstva. Kyiv, Derzhpolitvydav, 1961. 78 p. (MIL)

KREMENCHUG DISTRICT—MOTHS
Effect of pruning poplars on their vulnerability by the moth Sciapteron tabaniformis Rott. G. A. Timchenko. Les. khoz. 15 no. 6:63-64 Je '62.

KREMENCHUG DISTRICT—POPLAR—DISEASES AND PESTS
Effect of pruning poplars on their vulnerability by the moth Sciapteron tabaniformis Rott. G. A. Timchenko. Les. khoz. 15 no. 6:63-64 Je '62.

KREMENCHUG REGION—GEOMORPHOLOGY
Geomorphologic characteristics of the Tabunishche Cape [with summary in English]. S. I. Prokhodskii. Biul. MOIP. Otd. geol. 37 no. 3:61-69 My-Je '62.

KRESOL see Cresol

KRIVOY ROG BASIN—COPPER ORES
Mineralogical characteristics of copper mineralization from migmatites of the Krivoy Rog region. F. I. Solovieva. Trudy Inst. geol. nauk AN URSR. Ser. petr., min. i geokhim. no. 16:5-21 '62.

KRIVOY ROG BASIN—DITCHES
New method of digging ditches in inundated rocks. F. K. Alekseev, I. S. Malyi, N. S. Mordovets. Gor. zhur. no. 10:74 O '62.

KRIVOY ROG BASIN—GNEISS
Microgneisses of the northern Krivoy Rog Basin and their stratigraphic position. V. M. Kobzar, V. M. Kucher. Trudy Inst. geol. nauk AN URSR. Ser. petr., min. i geokhim. no. 16, 22-33 '62.

KRIVOY ROG BASIN—HYDRAULIC CONVEYING
Study of hydraulic transportation of Krivoy Rog iron ores. A. K. Kurbatov, A. E. Smoldyrev. Gor. zhur. no. 11:51-54 N '62.

KRIVOY ROG BASIN—IRON MINES AND MINING
Basic trends in the development of general automatic control in the mining industry of the Krivoy Rog Basin. S. A. Volotkovskii. Izv. vys. ucheb. zav., gor. zhur. no. 10:154-156 '61.
Creative collaboration between scientists of the Krivoy Rog Basin and workers of the "Gigant" Mine. G. M. Malakhov. Izv. vys. ucheb. zav.; gor. zhur. no. 10:18-22 '61.
Determining losses and impoverishment of ore in the Kommunar-Pobeda Shaft of the F. E. Dzerzhinskii Mine. V. V. Kulikov, V. V. Kalinkin, D. Z. Gel'man. Izv. vys. ucheb. zav., gor. zhur. no. 9:70-76 '61.
Ore-mining techniques and equipment and the organization of labor in Krivoy Rog Basin mines should be changed. I. P. Terekhov, V. K. Shendrik, F. S. Poltanskii. Gor. zhur. no. 10:17-21 O '62.
Result of remodeling iron mines of the Krivoy Rog Basin. I. A. Sinarenko, V. M. Kiselev. Izv. vys. ucheb. zav., gor. zhur. no. 10:32-35 '61.
Work of a brigade of communist labor with integrated organization of labor in cutting blocks. S. K. Dozhdaev. Izv. vys. ucheb. zav.; gor. zhur. no. 10:23-24 '61.

KRIVOY ROG BASIN—IRON MINES AND MINING—SAFETY MEASURES
Conversion of the lamp room in the "Bol'shevik" Mine to self-service. R. IA. Nacrov. Izv. vys. ucheb. zav.; gor. zhur. no. 10:157-158 '61.
Safety factor in various systems of sublevel caving. V. V. Nesterenko. Gor. zhur. no. 10:71-73 O '62.

KRIVOY ROG BASIN—IRON ORES
Efficient flowsheets of magnetic quartzite milling. P. E. Ostapenko. Gor. zhur. no. 10:65-68 O '62.
Flotation of ores of the Krivoy Rog Northern Mining and Ore Dressing Combine. F. N. Belash, P. A. Gontarenko. Gor. zhur. no. 10:62-64 O '62.

KRIVOY ROG BASIN—MIGMATITES
Mineralogical characteristics of copper mineralization from migmatites of the Krivoy Rog region. F. I. Solovieva. Trudy Inst. geol. nauk AN URSR. Ser. petr., min. i geokhim. no. 16:5-21 '62.

KRIVOY ROG BASIN—MINE SURVEYING
Using benchmarks in connecting surveys. A. A. Fedorovskii. Izv. vys. ucheb. zav., gor. zhur. 5 no. 8:60-65 '62.

KRIVOY ROG BASIN—STOPING (MINING)
Improving stoping operations in the "Gigant" Mine. V. S. Vashchenko and others. Izv. vys. ucheb. zav.; gor. zhur. no. 10:13-17 '61.

KUBAN—APPLE
Winter planting of apple trees. V. K. Gramolin. Agrobiologiia no. 3:115-117 My-Je '62.

KUBAN—SUGAR MANUFACTURE
Improve the quality of Kuban sugar. A. I. Katana. Sakh. prom. 36 no. 10:9-12 O '62.

KUBAN—TREE PLANTING
Winter planting of apple trees. V. K. Gramolin. Agrobiologiia no. 3:445-447 My-Je '62.

KULEBAKIN, VIKTOR SERGEEVICH, 1891—BIBLIOGRAPHY see Bibliography—Kulebakin, Viktor Sergeevich, 1891-

KUMISS
Kumiss, the beverage of giants. N. Motsenko. Nauka i zhizn' 29 no. 9:75 S '62.

KUNAVIN, GRIGORII PAVLOVICH
"In order to drive away the storm clouds forever...." Evgenii Verobiev. Sov. voin 44 no. 20:32 O '62.

KUNTSEVO DISTRICT—FOREST FAUNA
Effect of the digging activity of small mammals on the distribution of soil moisture in areas covered with mixed conifer and hardwood forests [with summary in English]. N. N. Popova. Biul. MOIP. Otd. biol. 67 no. 5:29-35 S-O '62.

KUPALA, IANKA, pseud. see Lutsevich, Ivan Dominikovich, 1882-1942

KUPRIN, ALEKSANDR IVANOVICH, 1870-1938
"Work of A. I. Kuprin" by A. Volkov. Reviewed by A. Dymshits. Ogonek 40 no. 42:8 O '62.

KURAMA RANGE—WATER, UNDERGROUND—COMPOSITION
Some features of the changes of underground waters in the upper hydrodynamic zone of the Kura-Mazar Mountains and Mogol-Tau [with summary in English]. S. S. Kozlov. Vest. LGU 17 no. 18:18-24 '62.

KURBATOV, SERGEI MIKHAILOVICH, 1882-1962
Sergei Mikhailovich Kurbatov; obituary. Vest. LGU 17 no. 18:148-149 '62.

KURDAYSKIY DISTRICT—SPARROWS—EXTERMINATION
First application of a field method for sparrow control in Kazakhstan. P. A. Shutkin, E. I. Gavrilov, IU. I. Shchekachev. Vest. sel'khoz. nauki [Kazakh.] 5 no. 10:56-60 O '62.

KURGAN—CONSTRUCTION INDUSTRY
The help of workers is the most important factor. N. Khokhlov. Agitator no. 23:49-50 D '62.

KURGAN—HISTORY
Founding of the city of Kurgan. A. A. Kondrashenkov, N. A. Lapin. Vop. ist. no. 10:209-211 O '62.

KURGASHINKAN REGION—BORING
Working thin ore bodies with slim inclined boreholes. V. N. Zakharchenko, V. A. Tumakov, F. N. Pys'. Gor. zhur. no. 11:38-41 N '62.

KURILE ISLANDS—FUNGI
New species of fungi from the Kurile Islands. E. Z. Koval', Bot. mat. Otd. spor. rast. 15:88-90 Ja '62.

KURSK—TECHNICAL EDUCATION
Our young helpers. V. Marichev. Zhil.-kom. khoz. 12 no. 5:12 My '62.

KURSK MAGNETIC ANOMALY—IRON MINES AND MINING
Iron earth hums. Aleksandr Sysoev. Smena 39 no. 21:16-17 N '62.
System of underground mining of ferrous quartzites at the Kursk Magnetic Anomaly. V. I. Terent'ev, G. M. Babaiants, V. F. Karinkin. Biul. tekh.-ekon. inform. Gos. nauch.-issl. inst. nauch. i tekh. inform. no. 10:3-8 '62.

KURSK MAGNETIC ANOMALY—MINE DRAINAGE
Limits of using open-cut drainage in stripping the Mikhaylovka deposit of the Kursk Magnetic Anomaly. P. M. Bespalov. Gor. zhur. no. 10:9-10 O '62.

KURSK MAGNETIC ANOMALY—MINE WATER
Stability of flooded sandy slopes in the open pits of the Kursk Magnetic Anomaly. V. A. Mironenko. Izv. vys. ucheb. zav.; geol. i razv. 5 no. 7:102-107 Jl '62.

KURSK PROVINCE—BOTANY—ECOLOGY
Coordinating conference on comprehensive biogeocenotic research conducted in the Central Black Earth Reservation. L. N. Sobolev. Izv. AN SSSR. Ser. geog. no. 5:190-198 S-O '62.

KURSK PROVINCE—DISABILITY EVALUATION
Work routine of Kursk experts. IU. Markova. Sots. obesp. 23 no. 10:27-28 O '62.

KURSK PROVINCE—WHEAT—FERTILIZERS AND MANURES
Effectiveness of late fall supplementary fertilizing of winter crops. B. V. Zaichikov. Zemledelie 24 no. 9:33-35 S '62.

KURSK PROVINCE—SCHOOL SUPERVISION
Some unsolved problems. A. Zosimovskii. Shkola i int. no. 5:83-84 S-O '62.

KURZIN, MIKHAIL, 1888-1957
Creative destiny of Mikhail Kurzin. R. Taktash. Iskusstvo 25 no. 6:25-28 '62.

KUSTANAY PROVINCE—IRON MINES AND MINING—COSTS
Ways for obtaining cheap ores. L. Selemeneva. Nar. khoz. Kazakh. 20 no. 5:14-23 Je '62.

KUSTANAY PROVINCE—MINE DRAINAGE
Working inundated horizons of the Sarbay open-pit mine. L. I. Plinskin, V. N. Strutskin. Gor. zhur. no. 10, 11-12 O '62.

KUSTANAY PROVINCE—STRIP MINING
Rapid increase of mining depth in building the Sarbay open-pit mine of the Sokolovsk-Sarbay Mining and Ore Dressing Combine. S. Zhantemirov, S. Usenov, V. Strutskin. Izv. vys. ucheb. zav., gor. zhur. no. 10:40-47 '61.

KUSTODIEV, BORIS MIKHAILOVICH, 1878-1927
Little-known portraits painted by B. M. Kustodiev. O. Tubolovskaia. Iskusstvo 25 no. 8:67-68 '62.

KUTUZOV, MIKHAIL ILLARIONOVICH, 1745-1813
Great field marshal. L. Beskrovnyi. Ogonek 10 no. 11:9-11 O '62.
Mun'kov, N. P. [M. I. Kutuzov as diplomat] M. I. Kutuzov - diplomat. Moskva, Selskelgiz, 1962. 139 p. (Vydaiushchiesia diplomaty)

KUYBYSHEV—ATHEISM—STUDY AND TEACHING
Where does the "Platonic line" lay? M. Barykin. Nauka i rel. no. 5:52-56 My '62.

KUYBYSHEV—RADIO AND CHILDREN
Honor in one's youth.... V. Militsin. Sov. rad. i tel. 6 no. 5, 16-17 '57.

KUYBYSHEV PROVINCE—ECONOMIC CONDITIONS
Muryaev, A. S. [Storming new frontiers] Na novye rubezhi. [Kuibyshev] Kuibyshevskoe knizhnoe izd-vo, 1960. 108 p.

KUYBYSHEV PROVINCE—ECONOMIC ZONING
Boundaries of the Syzran'-Oktyabr'sk industrial center. V. N. Gerlov. Vest. Mosk. un. Ser. 5 Geog. 17 no. 5:83-84 S-O '62.

KUYBYSHEV PROVINCE—GEOLOGY, STRATIGRAPHIC
Conditions governing the formation of the Lower Carboniferous terrigenous layer in the Kama-Kinel' Depression. S. IA. Valiubaeva, L. Kh. Ilgofarov. Sov. geol. 5 no. 10:101-109 O '62.

KUYBYSHEV PROVINCE—SUBSIDENCES (EARTH MOVEMENTS)
Predicting the subsidence of the ground. V. E. Ekman. Razved. i okh. nedr 28 no. 6:37-43 Je '62.

KUYBYSHEV RESERVOIR
Characteristics of wind and wave conditions in the Kuybyshev Reservoir. A. Zarbailov. Rech. transp. 21 no. 10:45 O '62.

KUZ'MIN, VALENTIN PETROVICH, 1903-
Chain of his life. V. Polynin. Ogonek 40 no. 41:16-18 O '62.

KUZNETSK ALA-TAU—GABBRO
Petrology of the gabbroid differentiated intrusion of Greater Atalyk Mountain in the southern part of the Kuznetsk Ala-Tau [with summary in English]. V. N. Dovgal'. Geol. i geofiz. no. 9:15-28 '62.

KUZNETSK ALA-TAU—GEOLOGY, STRATIGRAPHIC
Concerning the article by D. I. Musatov "Stratigraphy of Cambrian sediments in the eastern slope of the Kuznetsk Ala-Tau." A. A. Predtechenskii. Geol. i geofiz. no. 9:107-110 '62.

KUZNETSK BASIN—COAL MINES AND MINING
The experience of Kuznetsk Basin miners made available to all coal basins of the country. P. A. Trubin. Ugol' 37 no. 10:57-58 O '62.
Improving systems of mining with fill in mines of the Prokopiyevsk-Kiselevsk area. T. D. Korovin, M. F. Ivanov. Izv. vys. ucheb. zav.; gor. zhur. no. 9:28-37 '61.

KUZNETSK BASIN—COAL PREPARATION PLANTS—EQUIPMENT AND SUPPLIES
Use of centrifugal fans for dust separation. O. S. Pevnov. Ugol' 37 no. 10:50-52 O '62.

KUZNETSK BASIN—LAMELLIBRANCHIATA, FOSSIL
Lower Permian Alykayeva-type Pelecypoda from the Kayeza subseries in the Kuznetsk Basin [with summary in English]. E. M. Lutkevich. Vest. LGU 17 no. 18:25-35 '62.

KUZNETSK BASIN—MINE FILLING
Recent decisions on the use of rocks in coal mines. A. V. Kolosov. Nauch. trudy MGI no. 38:203-214 '61.

KUZNETSK BASIN—MINE ROOF BOLTING

Manifestations of rock pressure in short working faces with anchor bolting. M. P. Pereverzev. Nauch. trudy MGI no. 36:181-189 '61.

KUZNETSK BASIN—STRIP MINING

Experience in open-pit mining of thin coal seams. T. M. Kobyliianskii. Ugol' 37 no. 10 31-32 O '62.

KUZNETSK BASIN—STRIP MINING—HYDRAULIC EQUIPMENT

Experience in increasing the operative efficiency of hydraulic systems in stripping operations. M. A. Zhednevskii. Ugol' 37 no. 11 13-15 N '62.

KUZNETSOV, EFREM ALEKSANDROVICH, 1892-

Seventieth birthday of Efrem Aleksandrovich Kuznetsov. Biul. MOIP. Otd. geol. 37 no. 3:101-105 My-Je '62.

KWANGTUNG PROVINCE—FRIT FLIES

Frit flies (Diptera, Chloropidae) in Yunnan and Kwangtung Provinces. E. P. Narchuk. Ent. obozr. 41 no. 3: 672-684 '62.

KYRYLIUK, IEVHEN PROKHOROVYCH, 1902-

IE. P. Kyryliuk's jubilee. Rad. lit. 6 no. 4:157-158 Jl-Ag '62.

KYZYL KUM—ARTESIAN WELLS

Artesian irrigation. N. L. Morozov. Priroda 51 no. 10: 56 O '62.

KYZYL KUM—CLIMATE

Climatological description of the Kyzyl Kum. E. N. Balasheva, I. G. Sabinina, O. A. Semenova. Sbor. rab. TGO no. 1.5-69 '61.

KYZYL KUM—GERBILS

Distribution of greater gerbils in the ancient alluvial lowlands of the northern Kyzyl Kum. V. M. Smirin. Biul. MOIP. Otd. biol. 67 no. 4 159 Jl-Ag '62.

KYZYL KUM—TICKS

Occurrence of the tick Ornithodoros tartakovskyi in the northern Kyzyl Kum. IA. A. Blagodatnyi, T. P. Tomilova. Trudy Inst. zool. AN Kazakh SSR 16:212-213 '62.

KYZYL-ORDA PROVINCE—CESTODA

Effect of echinococcosis and intestinal cestodiasis in sheep on their fatness. S. G. Stepanian. Vest. sel'khoz nauki [Kazakh.] 5 no. 9 54-61 S '62.

KZYL-ORDA PROVINCE—FILARIA AND FILARIASIS

Materials on the morphology of Litomosa vite Krepkogorskaya, 1933. F. Chun-Siun [Chung-Hsiung], D. E. Genys. Trudy Inst. zool. AN Kazakh. SSR 16:84-88 '62.

Pathologicoanatomical changes in greater gerbils infected with the filariae Litomosa vite Krepkogorskaya, 1933. I. A. Fetisova. Trudy Inst. zool. AN Kazakh. SSR 16 210 '62.

KZYL-ORDA PROVINCE—PARASITES—GERBILS

Materials on the morphology of Litomosa vite Krepkogorskaya, 1933. F. Chun-Siun [Chung-Hsiung], D. E. Genys. Trudy Inst. zool. AN Kazakh. SSR 16 84-88 '62.

Pathologicoanatomical changes in greater gerbils infected with the filariae Litomosa vite Krepkogorskaya, 1933. I. A. Fetisova. Trudy Inst. zool. AN Kazakh. SSR 16 210 '62.

KZYL-ORDA PROVINCE—PARASITES—SHEEP

Effect of echinococcosis and intestinal cestodiasis in sheep on their fatness. S. G. Stepanian. Vest. sel'khoz nauki [Kazakh.] 5 no. 9:54-61 S '62.

KZYL-ORDA PROVINCE—SOILS—ANALYSIS

Desert soils in the northwestern part of Kzyl-Orda Province. M. A. Bikmukhametov. Trudy Inst. pochv. AN Kazakh SSR 13.114-129 '62.

LABOR AND LABORING CLASSES

(see also subdivision under Cyprus; Egypt, European Economic Community Countries; Finland; Germany; Ghana; Great Britain; Iran; Leningrad, Malaya; Turkey; Ukraine, United States; Zaporozh'ye Province)

Discussing the problem of successive periods in the history of the labor movement during the First World War. L. A. Popova. Ist. SSSR 6 no. 4:229-230 Jl-Ag '62.

Shmel'kov, M. I. [Making work the first necessity of life] Prevrashchenie truda v pervuiu potrebnost' zhizni. [Moskva] Mosk. rabochii, 1962. 61 p. (Obshchedostupnaia bibliotechka po filosofii)

Usov, N. I., and V. T. Shchukin. [Even in days of peace there is room for heroic deeds] I v mirnye dni est' mesto podvigam. Leningrad, Ob-vo po rasprostraneniiu polit. i nauchn. znanii RSFSR, 1962. 50 p.

Vasil'eva, E. V. [Development of the food industry and the economics of public labor in the U. S. S. R.] Razvitie pishchevoi promyshlennosti i ekonomika obshchestvennogo truda v SSSR. Moskva, Ekonomizdat, 1962. 194 p.

Work paves the road to the stars. M. Vasil'ev. Sov. profsoiuzy 18 no. 20:18-19 O '62.

LABOR AND LABORING CLASSES—BIBLIOGRAPHY see Bibliography—Labor and laboring classes

LABOR AND LABORING CLASSES—CONGRESSES

Problems of the history of the world national liberation movement of labor. B. F. Semkov. Vest. AN SSSR 32 no. 10:101-108 O '62.

LABOR AND LABORING CLASSES—MEDICAL CARE see subdivision under Moscow

LABOR COURTS

(see also subdivision under Moscow)

Armenian S. S. R. Laws, statutes, etc. [Regulations on fellow workers' courts] Polozhenie o tovarishcheskikh sudakh. Erevan, 1961. 23 p. [Parallel texts in Armenian and Russian]

[MICROFILM]

Bochillo, P. I., and A. I. Kogan. [Highly important work of the Soviet public] Krupnoe delo obshchestvennosti. [Krasnoiarsk] Krasnoiarskoe knizhnoe izd-vo, 1960. 76 p. (Druzhinnik)

Russia (1917- R. S. F. S. R.) Laws, statutes, etc. [Regulations on fellow workers' courts] Polozhenie o tovarishcheskikh sudakh. Moskva, Gosiurizdat, 1962. 7 p.

LABOR DISCIPLINE

Belova, Z. V. [The strengthening of labor discipline is an important factor in increasing labor productivity] Ukreplenie trudovoi distsipliny - vazhneishee ustovie rosta proizvoditel'nosti truda. [Leningrad] Lenizdat, 1961. 26 p. (Osnovy ekonomicheskikh znanii - truzhenikam sel'skogo khoziaistva)

(NNC)

LABOR LAWS AND LEGISLATION

"Industrial safety according to Soviet labor law" by IA. L. Kiselev. Reviewed by V. Acharkan. Sots. trud 7 no. 10:154-157 O '62.

Kalinichenko, N. S. [What our workers should know about labor law] Chto nuzhno znat' rabochemu o trudovom zakonodatel'stve. [Kaluga] Kaluzhskoe knizhnoe izd-vo, 1962. 73 p.

Labor protection is a matter of national importance. L. Anisimova. Meat. prom. i khud. promys. 3 no. 6:16-19 Ag '62.

Merkel', E. V. [Soviet administrative, civil, and labor law, practical exercises for the correspondence students of the Friedrich Engels Institute of Soviet Commerce in Leningrad] Sovetskoe administrativnoe, grazhdanskoe i trudovoe pravo, sbornik prakticheskikh uprazhnenii dlia studentov zaochnogo otdeleniia Leningradskogo instituta sovetskoi torgovli im. Fr. Engel'sa. Leningrad, Leningr. in-t sovetskoi torgovli im. Fr. Engel'sa, 1962. 86 p.

Survey of labor legislation. Sots. trud 7 no. 10:148-151 O '62.

Zhukova, L. F., and G. M. IAmenfel'd. [Fundamentals of Soviet civil and labor law] Osnovy sovetskogo grazhdanskogo i trudovogo prava. Pod red. K. A. Grave. Moskova, Vysshaia shkola, 1962. 313 p.

LABOR LAWS AND LEGISLATION—CONGRESSES

Conference devoted to the problems of labor law. A. Arkadiev. Biul. nauch. inform.: trud i zar. plata 5 no. 9:36-38 '62.

LABOR JOURNALISM see Journalism, Labor

LABOR PARTY (GREAT BRITAIN) see Great Britain—Labor Party

LABOR PASSPORTS

"Memorandum of a timekeeper, ..." N. Semenov. Sots. obesp. 25 no. 10:21 O '62.

LABOR PRODUCTIVITY

Calculating the increase of labor productivity in light industry. V. Ogol'tsova. Sots. trud 7 no. 10:43-45 O '62.

Electric power per worker and its productivity. P. Klevtsov. Sots. trud 7 no. 10:19-25 O '62.

Important potential for increasing labor productivity. Sots. trud 7 no. 10:3-10 O '62.

Letters to the editor. Sots. trud 7 no. 8:130-136 Ag '62.

Losev, I. M., P. Belonogov, and B. Zarkhin. [Utilize working time more productively; analysis of the workday by the worker] Produktivnee ispol'zovat' rabochee vremia; opyt provedeniia samofotografii rabochego dnia. [Moskva] Profizdat, 1961. 55 p.

(NNC)

Main factor in the growth of labor productivity. I. Maevskii. Sots. trud 7 no. 10:26-35 O '62.

A significant phenomenon of our time. A. Sarmurzin. Part. zhizn' Kazakh. no. 6.31-34 Je '62.

"Wages and work organization in mines" by I. N. Kaminskii; "Growth potentials of labor productivity" by Fr. Kutta. Book review. Sots. trud 7 no. 8:157-159 Ag '62.

LABOR SERVICE

[Brigades of communist labor] Brigady kommunisticheskogo truda. [Cheliabinsk] Cheliabinskoe knizhnoe izd-vo, 1959. 69 p.

(NNC)

Iliakhin, M. I. [Brigades of communist labor] Brigady kommunisticheskogo truda. Moskva, 1959. 34 p. (Znanie v massy)

(NNC)

LABOR SUPPLY

(see also subdivision under Yaroslavl Province)

The problem of labor supply in the U. S. S. R. during the next ten years. IU. P. Mitrofenko. Mat. i soob. Issl. otd. Inst. po izuch. SSSR no. 35/36 48-65 My-Je '62.

Shishkin, N. I., ed. [Labor resources of the U. S. S. R., problems of distribution and exploitation] Trudovye resursy SSSR; problemy raspredeleniia i ispol'zovaniia. Moskva, Ekonomizdat, 1961. 246 p.

(CStmoR)

LABOR SUPPLY—STATISTICS see subdivision under Siberia

LABORATORIES

Year's work under the new program and the objectives of factory laboratories. V. IA. Rutkin. Zav. lab. 28 no. 10 1155-1157 '62.

LACTAMS

Lactones and lactams. Report No. 23. Addition of thiophenol to N-alkenyl lactams. F. P. Sidel'kovskaia and others. Izv. AN SSSR, Otd. khim. nauk no. 9 1631-1636 S '62.

LACTAMS—SPECTRA

Infrared spectra of lactam solutions in concentrated sulfuric acid. IU. V. Moiseev, G. I. Batiukov, M. I. Vinnik. Izv. AN SSSR, Ser. fiz. no. 10 1306-1308 O '62.

LACTIC ACID BACTERIA

Preservation of cultures of Leuconostoc mesenteroides under laboratory conditions. A. G. Ronoketina, R. I. Koshkina, G. I. Komera. Trudy Len. khim.-farm. inst. no. 13:89-101 '61.

LACTONES

Synthesis of γ-nonalactone and γ-undecalactone. G. I. Nikishin, V. D. Vorobiev. Izv. AN SSSR, Otd. khim. nauk no. 10 1874-1876 O '62.

LACTULOSE

Method of preparing pure lactulose with the aid of ion exchange resins. Z. B. Shaposhnikova, I. V. Alekseeva, I. R. Rominskii. Ukr. khim. zhur. 28 no. 6:724-725 '62.

LADOGA, LAKE—EVAPORATION

Evaporation from the open surface of Lake Ladoga. A. F. Izotova. Dokl. AN SSSR 146 no. 5:1143-1145 O '62.

LADYZHENKO, LEONID TERENT'EVICH

Soldier's spirit. L. Korzun. Voen. znan. 38 no. 10: 17-18 O '62.

LAK LANGUAGE—WORDS

Khalidov, S. M. [Study of the lexicology of the Lak language] Ocherk po leksike lakskogo iazyka. Moskva, Akad. nauk SSSR, 1961. 198 p.

(MH)

LAKHTA REGION (LENINGRAD PROVINCE)—PALEOBOTANY, STRATIGRAPHIC

Studying the late glacial history of the Baltic area on the basis of diatomic and palynologic investigations of a cross section of the Lakhta trough. K. V. Zhelubovskaia, T. E. Ladyshkina. Dokl. AN SSSR 146 no. 6: 1383-1386 O '62.

LAMBLIASIS see Giardiasis

LAMELLIBRANCHIATA, FOSSIL see subdivision under Kuznetsk Basin; Tunguska Basin

LAMINATED METALS

Causes of warping and loss of tension in bimetal steel-aluminum antifriction alloy linings. A. P. Semenov. Metalloved. i term. obr. met. no. 10:37-41 O '62.

Copper alloys for bimetals. S. I. Chizhov. Izv. vys. ucheb. zav.: tavet. met. 5 no. 5:123-131 '62.

Laminated metals. N. P. Gromov, N. M. Kasatkin, A. S. Kaplan. Standartizatsiia 26 no. 10:16-21 O '62.

LAMINATED METALS—HEAT TREATMENT

Effect of treating certain bimetal materials on their cohesive strength. A. D. Kuritsyna and others. Metalloved. i term. obr. met. no. 10:8-11 O '62.

LAMPREYS

Lamprey larvae. M. M. Ivanova-Berg. Vop. ikht. 2 no. 3:557 '62.

LAMPROPHYRES see subdivision under Altai Mountains

LAND

Large scale topographic map in agricultural economic planning [in Armenian with summary in Russian]. P. P. Kazanchian. Izv. Glav. upr. sel'khoz. nauk i podgot. kad. Arm. SSR 5 no. 5:75-77 '62.

Qualitative land evaluation and farm land cadastre. D. L. Armand. Izv. AN SSSR, Ser. geog. no. 5:52-57 S-O '62.

LAND CLEARING see Clearing of land

LAND TENURE see subdivision under Egypt; India; Poland

LANDFORMS
(see also subdivision under Transbaikalia)

Isachenko, A. G. [Landform science and physicogeographical regionalization, textbook for correspondence school students] Uchenie o landshafte i fizikogeograficheskoe raionirovanie, uchebnoe posobie dlia studentov-zaochnikov. [Leningrad] Izd-vo Leningr. univ., 1962. 54 p. (V pomoshch' studentam vechernikh i zaochnykh kursov)

LANDFORMS—MAPS
"Physicogeographical mapping" by A. G. Isachenko. Reviewed by V. A. Nikolaev. Vest. Mosk. un. Ser. 5 Geog. 17 no. 5 73-74 S-O '62.

LANDSCAPE ARCHITECTURE
What one should know in landscaping a street, a yard, or a square. K. Kozhinskii. Zhil.-kom. khoz. 12 no. 3 23-24 Mr '62.

Without rudder and without sail. N. Gladkin. Zhil.-kom. khoz. 12 no. 5 26-27 My '62

LANDSCAPE GARDENING
(see also subdivision under Moscow, Voronezh)

Flowers at the plant. G. Krylov. Zhil.-kom. khoz. 12 no. 5 6-7 My '62

The role of the main botanical garden in supplying plantings to cities. N. V. TSitsin. Gor. khoz. Mosk. 36 no. 9 30-31 S '62.

Zhuchkov, N. G., ed. [Fruit culture with the fundamentals of landscape gardening] Plodovodstvo s osnovami dekorativnogo sadovodstva. [By] A. I. Voronina i dr. Leningrad, Sel'khozizdat, 1962. 526 p. (Uchebniki i uchebnye posobiia dlia sel'skokhoziaistvennykh tekhnikumov)
(DNAL)

LANDSCAPE GARDENING—STUDY AND TEACHING
Flowers and ornamental plants in the school garden plot. M. A. Mikhailenko. Izv. Vor. gos. ped. inst. 38 81-91 '61.

LANDSLIDES—MAPS see subdivision under Georgian Military Road region

LANG, GEORGII FEDOROVICH, 1875-1948
Leningrad. Pervyi Leningradskii meditsinskii institut. [Collection of works of the Department of Therapy dedicated to the memory of G. F. Lang] Sbornik rabot kafedry fakul'tetskoi terapii, posviashchennyi pamiati G. F. Langa. Leningrad, 1958. 164 p.
(WaU)

LANGEVIN, PAUL, 1872-1946
Scientific relations of Langevin with Soviet scientists. M. I. Radovskii. Priroda 51 no. 10; 96-98 O '62.

LANGUAGE AND LANGUAGES
Most important tasks of linguistic science in the Ukraine in the light of the decisions of the 22d Congress of the CPSU. Movoznavstvo 17:3-12 '62

Zvegintsev, V. A. [Essays on general linguistics] Ocherki po obshchemu iazykoznaniiu. [Moskva] Izd-vo Mosk. univ., 1962. 382 p.

LANGUAGE AND LANGUAGES—BIBLIOGRAPHY see Bibliography—Language and languages

LANGUAGE AND LANGUAGES—CLASSIFICATION
Kapantsian, G. A. [Principles of the genealogical classification of languages and a criticism of N. Marr's views on the development of languages by stages] Osnovy genealogicheskoi klassifikatsii iazykov i kritika vzgliadov N. Marra na stadial'nost' razvitiia iazyka. Erevan, Akad. nauk Armianskoi SSR, 1951. 24 p.
(MH)

LANGUAGE AND LANGUAGES—STUDY AND TEACHING
(see also subdivision under Moscow; United States)

Oral practice in foreign language classes. E. K. Voronina, K. IA. Litkens. Inostr. iaz. v shkole no. 5:12-17 S-O '62.

Russia (1917- R. S. F. S. R.) Ministerstvo prosveshcheniia. [Programs for grades 5-8 of the evening (staggered) secondary general school; foreign languages English, German and French] Programmy V - VIII klassov vechernei (smennoi) srednei obshcheobrazovatel'noi shkoly; inostrannye iazyki: angliiskii, nemetskii, frantsuzskii. Moskva, Uchpedgiz, 1962. 36 p.

Russia (1917- R. S. F. S. R.) Ministerstvo prosveshcheniia. [Secondary school programs for the 1962-1963 school year, foreign languages; English, German and French, Grades 9 and 10] Programmy srednei shkoly na 1962/1963 uchebnyi god; inostrannye iazyki: angliiskii, nemetskii, frantsuzskii, IX-X klassy. Moskva, Uchpedgiz, 1962. 37 p.

LANGUAGES, MODERN—STUDY AND TEACHING
Akademiia pedagogicheskikh nauk RSFSR, Moscow. Institut obshchego i politicheskogo obrazovaniia. [Foreign-language instruction in the secondary school; methods of teaching foreign languages in grades 9-11] Prepodavanie inostrannykh iazykov v srednei shkole; voprosy metodiki obucheniia inostrannym iazykam v IX-XI klassakh. Pod red. A. A. Miroliubova. Moskva, Izd-vo Akad. pedagog. nauk RSFSR, 1961. 124 p. (Pedagogicheskaia biblioteka uchitelia)
(CU)

LANTHANUM COMPOUNDS
Complex compounds of lanthanide nitrates with nitric acid. P. E. Krisa, Z. A. Sheka. Radiokhimiia 4 no. 3 312-322 '62.

LANTHANUM NITRATE
Complex compounds of lanthanide nitrates with nitric acid. P. E. Krisa, Z. A. Sheka. Radiokhimiia 4 no. 3 312-322 '62.

LAPLACE TRANSFORMATION
Doetsch, Gustav. [Handbook on the practical use of the Laplace transformation, with tables compiled by R. Herschel in supplement. Translated from the German] Rukovodstvo k prakticheskomu primeneniiu preobrazovaniia Laplasa, s prilozheniem tablits, sostavlennykh R. Gershelem. Izd 2. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1960. 207 p.
(CLU)

Generalization of the Laplace transform. L. G. Zastavenko. Izv. AN SSSR Ser. mat. 26 no. 5 687-720 S-O '62.

LAPLAND PRESERVE—GROUSE
"Ecology of tetraonid birds" by O. I. Semenov-Tian-Shanskii. Reviewed by A. S. Mal'chevskii. Biul. MOIP. Otd. biol. 67 no. 1:147-150 Ja-Ag '62.

LAPOUJADE, ROBERT, 1921-
Meetings with French artists. N. Kalitina. Iskusstvo 25 no. 8:37-42 '62.

LARCH
(see also subdivision under Buryat-Mongolia; Chernigov Province; Trans-Ili Alatau)

Stakheiko, F. G. [Cultivation of Siberian larch] Razvedenie listvennitsy sibirskoi. Moskva, Goslesbumizdat, 1962. 71 p.
(DNAL)

LARCH—DISEASES AND PESTS see subdivision under Ust'-Orda

LARVAE—FISHES
Tuna larvae from the tropical zone of the Atlantic Ocean. L. I. Kazanova. Vop. ikht. 2 no. 3:452-461 '62.

LARYNX—TUBERCULOSIS
Materials on the problem of the role of the nervous system in the pathogenesis of hematogenic tuberculosis of the larynx. Report No. 3. M. D. Pavlenko. K izuch. roli nerv. sist. v pat., immun. i lech. tub. no. 2:237-242 '61.

Reflexes from the mechanoreceptors of the upper respiratory tract in a local tuberculous inflammatory process in the region of the larynx. R. A. Fol'berbaum. K izuch. roli nerv. sist. v pat., immun. i lech. tub. no. 2:38-45 '61.

LATHES
Bakshi, R. I., and M. D. Lemberg. [Clamping devices of lathes] Zazhimnye ustroistva tokarnykh stankov. Moskva, Mashgiz, 1962. 150 p.

Setting-up device for automatic multicut lathes. N. B. Kalnkin, V. I. Romanovskii, L. S. Sidorov. Mashinostroitel' no. 10:14-15 O '62.

Shakhbazian, Sh. A. [An aid for the young lathe operator] V pomoshch' molodomu tokariu. [Rostov-na-Donu] Rostovskoe knizhnoe izd-vo, 1962. 93 p.

Smirnov, V. K. [Boring lathe operator] Tokar'-rastochnik. Moskva, Profizdat, 1962. 302 p.

LATHES—MAINTENANCE AND REPAIR
The overhaul life has been prolonged. V. V. Belousov. Mashinostroitel' no. 10:12 O '62.

LATHES—PNEUMATIC DRIVING
Pneumatic drive for the tailstock. V. E. Gleizer, N. N. Savel'ev. Mashinostroitel' no. 10:15 O '62.

LATHES—TECHNOLOGICAL INNOVATIONS
Liakhovskii, L. M. [Modernization of the 1336 and 1336M turret lathes] Modernizatsiia tokarno-revol'vernykh stankov 1336 i 1336M. Leningrad, 1962. 17 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Serila: Mekhanicheskaia obrabotka, no. 13)

LATIN AMERICA—ECONOMIC CONDITIONS
Hunger and underdevelopment in Latin America. Josúe de Castro. Vop. filos. 16 no. 10; 105-109 '62.

LATIN AMERICA—FOREIGN ECONOMIC RELATIONS—RUSSIA
Attempt to develop economic relations between Russia and the countries of Latin America at the end of the 19th and the beginning of the 20th century. R. Sh. Ganelin. Trudy LOII AN SSSR. no. 4; 315-358 '62.

LATIN AMERICA—POLITICS AND GOVERNMENT
Kalnin, A. I., and M. A. Manasov. [The front of active struggle; Latin America] Front aktivnoi bor'by; Latinskaia Amerika. Moskva, Izd-vo "Znanie," 1962. 46 p. (Novoe v zhizni, nauke, tekhnike. VII Serila: Mezhdunarodnaia, no. 18)

LATIN AMERICA—STRIKES AND LOCKOUTS
A continent on strike. V. Levin. Blok. agit. [Bel.] no. 4: 41-48 F '60.

LATIN-AMERICAN STUDIES
Latin-American studies in the U. S. S. R. P. K. Urban. Mat. i soob. Iosl. otd. inst. po izuch. SSSR no. 35/36 36-47 My-Je '62

Some problems in our Latin-American studies. E. S. Dabagian. Nov. i noveish. ist. no. 5 177-178 '62.

LATIN LANGUAGE
Lindesberg, IA. S., and N. N. Golikov. [Latin language] Latinskii iazyk. Izd. 3., ispr. Moskva, Vysshaia shkola, 1961. 242 p.
(IU)

LATIN LANGUAGE—GRAMMAR
Shul'ts, IU. F., T. V. Mertsalova, and L. L. Savel'eva. [Textbook of the Latin language] Uchebnik latinskogo iazyka. Pod obshchei red. IU. F. Shul'tsa. Moskva, Medgiz, 1962. 203 p.

LATIN LITERATURE—HISTORY AND CRITICISM
Radtsig, S. I. [Classical literature; its creative and historical significance as a part of the ancient Greek and Roman culture] Antichnaia literatura, ee khudozhestvennoe i istoricheskoi znachenie v sviazi s obshchei kul'turoi drevnikh grekov i rimlian. [Moskva] Izd-vo Mosk. univ., 1962. 126 p. (Narodnyi universitet kul'tury na domu)

LATTICE THEORY
Asymptotically accurate solution to a model Hamiltonian in the theory of crystals. L. P. Bazarov. Vest. Mosk. un. Ser. 3: Fiz., astr. 17 no. 5:42-45 S-O '62.

Theory of covering an n-dimensional Euclidean space with identical spheres. A. P. Gametskii. Dokl. AN SSSR 146 no. 5:991-994 O '62.

LATVIA—AGRICULTURAL EDUCATION—CURRICULA
Training personnel for collective and state farms in economics in the secondary special agricultural schools. P. Urin. Ekon. sel'khoz. 33 no. 8 112-115 Ag '62.

LATVIA—ARCHAEOLOGY
Latvijas Padomju Socialistiskas Republikas Zinatnu akademija. Vestures instituts. [Archeology and ethnography] Arheologija un etnografija; rakstu krajums. Riga, Latvijas PSR Zinatnu akademijas Izdevnieciba. [In Latvian]
Vol. 3. 1961. 172 p.

LATVIA—DAIRY CATTLE
Siveiks, B. [Milk yield of herds in the Latvian S. S. R.] Latvijas PSR ganampulku piena razosanas. Riga, Latvijas Valsts Izdevnieciba, 1961. 74 p. [In Latvian]
(DNAL)

LATVIA—ECONOMIC CONDITIONS
[Fatherland, I admire you] Mana dzimta zeme, laugos tevi. [Riga, Komiteja repatriacijas sekmesanai un kulturas sakariem ar tautiesiem arzemes, Latvijas nodala, n. d.] 1 v. illus. [In Latvian]

[Fifteen years of Soviet Latvia] Padomju Latvijas 15 gadi. [Riga, Latvijas Valsts Izdevnieciba, 1955] 1 v. (chiefly illus.) [In Latvian]

Latvian S. S. R. Centrala statistikas parvalde. [Soviet Latvian national economy during the last 20 years; collected statistical data] Padomju Latvijas tautas saimnieciba 20 gades, statistisko datu krajums. Riga, Valsts statistikas izdevnieciba Latvijas nodala, 1960. 309 p.
(DC)

LATVIA—ETHNOLOGY
Latvijas Padomju Socialistiskas Republikas Zinatnu akademija. Vestures instituts. [Archeology and ethnography] Arheologija un etnografija; rakstu krajums. Riga, Latvijas PSR Zinatnu akademijas Izdevnieciba. [In Latvian]
Vol. 3. 1961. 172 p.

LATVIA—GEESE BREEDING
Ozola, E. [Crossbreeding increases the productivity of geese] Krustosana cel zosu produktivitati. Riga, Latvijas Valsts Izdevnieciba, 1961. 32 p. (Lopkopja biblioteka) [In Latvian]
(DNAL)

LATVIA—GEOLOGY, STRUCTURAL
Indans, A. P. [Tectonic pattern of Latvia and its development in the Paleozoic] Tektonicheskaia struktura Latvii i ee razvitie v paleozoe. Rign, Izd-vo Akad. nauk Latviiskoi SSR, 1962. 176 p.

LATVIA—GLIDING AND SOARING
We should promote independent work. A. Vinokurov. Kryl. rod. 13 no. 10; 20-21 O '62.

LATVIA—HISTORY
How West German reactionary historians and Latvian émigrés distort Latvian history. G. P. Strod. Ist. SSSR 6 no. 1; 195-200 Ja-Ag '62.

LATVIA—LUTHERAN CHURCH—CLERGY
[People without remorse] Cilveki bez sirdsapzinas. Riga, Komiteja repatriacijas sekmesanai un kulturas sakariem ar tautiesiem arzemes, Latvijas nodala, 1961. 62 p. [In Latvian]

LATVIA—PASTURES AND MEADOWS

Freibergs, L. [Cultivated perennial pastures for sheep] Kultivetas ilggadigas ganibas aitam. Riga, Latvijas lopkopibas un veterinarijas zinatniski petnieciskala institute, 1961. 24 p. [In Latvian] (DNAL)

LATVIA—RADIOBROADCASTING

Demands of radio listeners. I. Lemanis. Sov. rad. i tel 6 no. 2 11 '57.

LATVIA—SECTS

Latvian, S. S. R. Valsts centralais archivs. [Religious sectarianism in Latvia, 1920-1940; collected documents] Religiskais sektantisms, Latvija 1920-1940; dokumentu krajums. Riga, Latvijas Valsts Izdevnieciba, 1962. 190 p. [In Latvian]

LATVIA—SHEEP

Freibergs, L. [Cultivated perennial pastures for sheep] Kultivetas ilggadigas ganibas aitam. Riga, Latvijas lopkopibas un veterinarijas zinatniski petnieciskala institute, 1961. 24 p. [In Latvian] (DNAL)

LATVIA—STATISTICS

Latvian, S. S. R. Statistikas parvalde. [Culture in Latvia; a statistical manual] Latvijas PSR kulturas selnieciba; statistisko datu krajums. Kul'turnoe stroitel'stvo Latviiskoi SSR, statisticheskii sbornik. Riga, Latvijas Valsts Izdevnieciba, 1957. 171 p. (chiefly tables) [In Latvian and Russian] (WU)

LATVIAN STUDIES see subdivision under Germany, West

LAUNDRIES

Laundry facilities. M. Chestnyi. Zhil.-kom. khoz 12 no. 5 32 My '62.

LAUNDRIES, PUBLIC see subdivision under Minsk

LAURIC ACID

Effect of electrolytes on the critical concentration of sodium laurinate and naphthenate micelles. P. A. Demchenko, N. N. Zakharova, L. G. Demchenko. Ukr. khim. zhur. 28 no. 5 611-614 '62.

LAW

(see also subdivision under Turkmenistan)

In the supreme courts of the Union Republics. Biul. Verkh. Suda no. 5 44-47 '62.

New Soviet legislative enactments. G. Minkovskii. Agitator no. 23 54-56 D '62.

[Principles of the Soviet state and law; a textbook for the historical and philological faculties of pedagogical institutes] Osnovy Sovetskogo gosudarstva i prava; uchebnik dlia istoriko-filologicheskikh fakul'tetov pedagogicheskikh institutov. Moskva, Uchpedgiz, Moskva, 1962. 422 p.

LAW—CASES

Decisions of the plenary session of the Supreme Court of the U. S. S. R. in individual cases. Biul. Verkh. Suda no. 5 25-30 '62.

How public prosecutors supervise the observance of laws. Sots. zakon. 39 no. 11 88-90 N '62.

How the public prosecutors of the U. S. S. R. supervise the observance of laws. Sots. zakon. 39 no. 8 82-83 Ag '62.

Rulings of the Judicial Collegium for Criminal Cases of the Supreme Court of the U. S. S. R. Biul. Verkh. Suda no. 5 34-39 '62.

LAW—PERIODICALS

A conference of our readers in Perm. Sots. zakon. 39 no. 8 90-91 Ag '62.

LAW—PHILOSOPHY

For the creative development of the theory of socialist legality. Sots. zakon. 39 no. 8 15-26 Ag '62.

LAW, SUMERIAN

"The state of Lagash, struggle for the development of civil law in Lagash from the 25th to the 24th century B. C." by V. V. Struve. Reviewed by M. L. Gel'tser. Nar. Az. i Afr no. 5 192-193 '62.

LAWYERS see subdivision under Africa; Asia

LAYING OUT (MACHINE-SHOP PRACTICE)

Efficient metal layout. V. G. Kovalenko. Mashinostroitel' no. 10 28 O '62.

LAZAREV, MIKHAIL PETROVICH, 1788-1851

"The documents of M. P. Lazarev." Vol. 3. Reviewed by F. Krinitsyn. Voen.-ist. zhur. 4 no. 10 95-101 O '62.

LEACHING

Kinetics of the establishment of adsorption equilibrium during leaching studied with the aid of radioactive indicators. I. E. Starik, K. F. Lazarev. Radiokhimiia 4 no. 3 322-328 '62.

Leaching of sodium sulfate-rich salinized soils [with summary in English]. S. G. Aristov. Pochvovedenie no. 7 28-30 Jl '62.

Salt losses from soils and the determination of leaching rates [with summary in English]. P. I. Panin. Pochvovedenie no. 7 31-38 Jl '62.

White mud as an activating additive in the desiliconization of aluminate solutions. A. I. IAmer, M. A. Kolenkova, L. U. Korteva. TSvet. met. 35 no. 10 50-55 O '62.

LEAD—METALLOGRAPHY

Effect of impurities on polymorphic transformations in lead. N. L. Pokrovskii, N. F. Evlanova, V. V. Kirichenko. Fiz. met. i metalloved. 14 no. 4 564-568 O '62.

LEAD—METALLURGY

Tarabaev, S. I. [Hydrochloric acid method in the metallurgy of lead and zinc] Solianokislotnyi metod v metallurgii svintsa i tsinka. Alma-Ata, Izd-vo Akad. nauk Kazakhskoi SSR, 1962. 194 p.

LEAD INDUSTRY see subdivision under Ust'-Kamenogorsk

LEAD INDUSTRY—BY-PRODUCTS

Complex treatment of dusts from the lead industry with a high selenium content. M. N. Zyrianov, A. P. Nadol'skii. Trudy Vost. Sib. fil. AN SSSR no. 41 128-131 '62.

LEAD ORES

Cyanide substitutes in dressing certain Transbaikalia mixed lead and zinc ores. L. V. Katashin. Trudy Vost. Sib. fil. AN SSSR no. 41 57-62 '62.

Ways to increase the efficiency of Transbaikalia complex metal ore dressing. M. L. Pevzner. Trudy Vost. Sib. fil. AN SSSR no. 41 39-45 '62.

Ways to increase the recovery of lead from Transbaikalia complex metal ores. I. M. Kulikov. Trudy Vost. Sib. fil. AN SSSR no. 41 46-56 '62.

LEAD ORGANIC COMPOUNDS—SPECTRA

Vibrational spectra of tin and lead organic compounds and their analytical application. N. N. Vyshinskii, IU. A. Aleksandrov, N. K. Rudnevskii. Izv. AN SSSR. Ser. fiz no. 10 1285-1287 O '62.

LEAD SELENIDE—ELECTRIC PROPERTIES

Piezoresistance effect in PbTe and PbSe. IU. V. Ilisavskii. Fiz. tver. tela 4 no. 4 918-927 Ap '62.

LEAD SULFATE

Ternary system consisting of lithium, thallium, and lead sulfates. A. G. Bergman, V. V. Keropian, E. L. Bakumskaia. Zhur. neorg. khim. 7 no. 10 2447-2449 O '62.

LEAD TELLURIDE—ELECTRIC PROPERTIES

Piezoresistance effect in PbTe and PbSe. IU. V. Ilisavskii. Fiz. tver. tela 4 no. 4 918-927 Ap '62.

LEAF BEETLES

Review of leaf beetles of the genus Antipa (Coleoptera, Chrysomelidae) in the U. S. S. R. and neighboring countries. L. N. Medvedev. Ent. obozr. 41 no. 3 613-624 '62.

Two species of Labidostomis (Coleoptera, Chrysomelidae) from the U. S. S. R. L. N. Medvedev. Trudy Zool. inst. 30 254-257 '62.

LEAF ROLLERS

(see also subdivision under Soviet Far East)

New Palearctic species of leaf rollers of the genus Laspeyresia Hb. (Lepidoptera, Tortricidae). V. I. Kuznetsov. Ent. obozr. 41 no. 3 627-642 '62.

New species of leaf rollers of the subfamily Tortricinae (Lepidoptera, Tortricidae) from the U. S. S. R. N. N. Filip'ev. Trudy Zool. inst. 30 369-381 '62.

LEAFHOPPERS

Materials on the taxonomy of Palearctic leafhoppers (Auchenorrhyncha, Euscelinae). A. F. Emel'ianov. Trudy Zool. inst. 30 156-184 '62.

LEARNED INSTITUTIONS AND SOCIETIES

Tenth anniversary of the All-Union Institute of Scientific and Technological Information. Vest. AN SSSR 32 no. 10 97 O '62.

LEARNING AND SCHOLARSHIP see subdivision under Azerbaijan

LEAST SQUARES

Follow-up of A. I. Mazmishvili and B. I. Beliaev's manual "Method of least squares." B. F. Krutol. Izv. vys. ucheb. zav.; gor. zhur. no. 9 187-192 '61.

LEATHER

Effect of dicyandiamide resin on the wear resistance of sole flank leather. N. N. Soloshenko, L. P. Strakhov. Kozh.-obuv. prom. 4 no. 10 22-24 O '62.

Use of casein coating for refining chrome leather. M. P. Litvinov, A. A. Umanskii. Kozh.-obuv. prom. 4 no. 10 26-28 O '62.

LEATHER—TECHNOLOGICAL INNOVATIONS

In the Committee on Inventions and Discoveries of the Council of Ministers of the U. S. S. R. Kozh.-obuv. prom. 4 no. 10 28-29 O '62.

LEATHER—TESTING

Stiffness of leather sole parts in bending. V. N. TSvetkov. Izv. vys. ucheb. zav. tekh. leg. prom. no. 4 76-86 '62.

LEATHER, ARTIFICIAL

Use of the new types of synthetic plasticizers in the manufacture of artificial leather. D. M. Katyshev, S. M. Didze. Kozh.-obuv. prom. 4 no. 10 14-15 O '62.

LEATHER INDUSTRY

(see also subdivision under Vilnius)

Design and planning of leather enterprises. N. N. Geraskin. Kozh.-obuv. prom. 4 no. 10 5-8 O '62.

Everything in the name of mankind, everything for the good of mankind. Kozh.-obuv. prom. 4 no. 10 1-4 O '62.

LEATHER INDUSTRY—EQUIPMENT AND SUPPLIES

Studying the process of leather and rubber splitting on a splitting machine. Report No. 4: Studying the forced vibrations of the bandknife of the leather splitting machine under magnetic field conditions. V. S. Ivanchev, M. M. Mal'el'. Izv. vys. ucheb. zav. tekh. leg. prom. no. 4 126-130 '62.

LEAVES

Formation and photosynthetic activity of the assimilating surface of inbred and hybrid corn. I. F. Dorovskaia. Fiziol. rast. 9 no. 6 695-698 '62.

Nature of spontaneous movements of plant leaves [with summary in English]. P. G. Nazarov. Fiziol. rast. 9 no. 5 551-556 '62.

LEAVES—ANATOMY

Leaf structure in interspecific periclinal chimeras in poplars. A. L. Vasil'ev. Dokl. AN SSSR 140 no. 3 710-713 S '62.

Transitional anatomical structures in the leaves of Hippuris vulgaris L. Report No. 3: Transitional anatomical structures and the development of leaf tissues in ontogenesis [with summary in English]. E. Zh. Tron. Bot. zhur. 47 no. 8 1100-1107 Ag '62.

LEBEDEV, PETR NIKOLAEVICH, 1866-1912

The eminent Russian physicist Petr Nikolaevich Lebedev. V. N. Kessenikh. Izv. vys. uch. zav.; fiz. 5 169-172 '62.

LEBEDEV, VASILII VIACHESLAVOVICH, 1892-

"Untiring toiler" by A. S. Kiburdina. Reviewed by F. IA. Belitskaia. Sov. zdrav. 21 no. 10 89-90 '62.

LEBEDIANTSEV, ALEKSANDR NIKANDROVICH, 1878-1941

A. N. Lebedintsev and Soviet agricultural chemistry. L. Balashev. Zemledelie 24 no. 9 74-78 S '62.

LEBESGUE INTEGRALS see Integrals, Generalized

LECTURES AND LECTURING see subdivision under Minsk

LEG—FRACTURE

Characteristics of the treatment of diaphyseal fractures of the leg bones in children. T. P. Zav'ialova. Vest. khir. 89 no. 8 20-23 Ag '62.

LEGAL AID see subdivision under Lipetsk

LEGAL RESEARCH

A theoretical conference of university students. E. Kuz'min. Vest. Mosk. un. Ser. 10 Pravo 17 no. 3 75-76 Jl-S '62.

LEGUMES

(see also subdivision under Armenia; Virgin Territory)

Characteristics of the storage of pulse crop seeds. V. Makarov, A. Prokhorova. Muk.-elev. prom. 28 no. 8 6-7 S '62.

Drying pulse crop seeds in the German Democratic Republic. G. Dzhorogian, I. Kushchev. Muk.-elev. prom. 28 no. 9 29-31 S '62.

Plant protein. N. A. Maisurian. Priroda 51 no. 10 37-46 O '62.

The protein problem in agriculture [with summary in English]. N. A. Maisurian. Izv. AN SSSR. Ser. biol. no. 5 653-669 S-O '62.

LEGUMES—HARVESTING

Ivanov, N. IA., S. S. Lebedev, and A. I. Filippov. [Methods and means for pulse crop harvesting] Sposoby i sredstva uborki zernobobovykh kul'tur. Moskva, Izd-vo M-va sel'. khoz. RSFSR, 1961. 66 p. (DNAL)

LEGUMINOSAE see subdivision under Zangezur Range

LEIPZIG—EXHIBITIONS

Motion-picture photography and television apparatus and equipment of the German Democratic Republic at the Fall Fair of 1962 in Leipzig. Tekh. kino i telev. 6 no. 8 85 S '62.

LENA VALLEY—GOLD MINES AND MINING

History of the Gold Mining Trust "Lenzoto." Submitted by IA. I. Livshin. Ist. arkh. 8 no. 4 134-143 Jl-Ag '62.

LENA VALLEY—PASTURES AND MEADOWS

Nomokonov, L. I. [Floodland meadows of the upper Lena Valley] Polmennye luga verkhnego techeniia reki Leny. Moskva, Izd-vo Akad. nauk SSSR, 1962. 103 p. (DNAL)

LENGTH MEASUREMENT

Linear measures in the first half of the 18th century. E. I. Kamentseva. Ist. SSSR 6 no. 4,127-132 Jl-Ag '62.

Russia (1923- U. S. S. R.) Komitet standartov, mer i izmeritel'nykh priborov. [Checking optical-mechanical instruments for the measurement of lengths and angles] Poverka optiko-mekhanicheskikh priborov dlia izmerenila dlin i uglov, sbornik instruktsii. Izd. ofitsial'noe. Moskva, Standartgiz, 1961. 505 p. (SSSR, Gosudarstvennye standarty)

LENIN, VLADIMIR IL'ICH, 1870-1924

Ashkhabad. Institut istorii partii. [Letters to V. I. Lenin from Turkmenistan workers, collected source materials] Trudiashchiesia Turkmenistana V. I. Leninu, sbornik dokumentov. Pod red. O. O. Shikhmuradova i A. V. Golovkina. Ashkhabad, Turkmengosizdat, 1960. 47 p.

A correction. A. M. Gak. Ist. SSSR 6 no. 4:235 Jl-Ag '62.

Celebration of the 50th anniversary of V. I. Lenin's arrival in Poland. Jan Sobczak. Nov. i noveish. ist. no. 5:184-186 '62.

A friend of Lenin. Józef Kozlowski. Ukraina no. 21:6 N '62.

Furmanov, G. L. [V. I. Lenin on the most advanced form of the state] V. I. Lenin o vysshem tipe gosudarstva. Moskva, Vysshaia shkola, 1962. 150 p.

Karnaukhov, I. M. [V. I. Lenin's development of Marxist doctrine concerning the proletarian state in the post-October period, 1918-1920] Rozvytok V. I. Leninym marksystskoho vchennia pro proletars'ku derzhavu v pisliazhovtnevyi period, 1918-1920 rr. [Kyiv] Vyd-vo Kyivs'koho univ., 1960. 107 p. (NNC)

Kirilkhina, E. I. [Lenin about our region] Lenin o nashem krae. [Kirov] Kirovskoe knizhnoe izd-vo, 1961. 63 p. (MH)

"Lenin as friend and man." Reviewed by O. Khablo. Ukraina no. 21:8 N '62.

Lenin, V. I. [Complete works] Polnoe sobranie sochinenii. Izd. 5. Moskva, Gospolitizdat.
Vol. 33. [The State and the revolution] Gosudarstvo i revoliutsiia. 1962. 433 p.

Lenin, V. I. [Complete works] Polnoe sobranie sochinenii. Izd. 5. Moskva, Gospolitizdat.
Vol. 34. [July-October 1917] Iul'-oktiabr' 1917. 1962. 584 p.

Lenin's daily routine.... V. Rybakov. Ogonek 40 no. 44:8 O '62.

Masaev, Shekhim-Geri. [Lenin's national policy and the establishment of autonomy in Kabardino-Balkaria] Leninskaia natsional'naia politika i sozdanie avtonomii Kabardino-Balkarii. Nal'chik, Kabardino-Balkarskoe knizhnoe izd-vo, 1961. 59 p. (MH)

Mazepa, V. I. [V. I. Lenin's contribution to Marxist-Leninist aesthetics, 1907-1910] Rozvytok V. I. Leninym marksystsko-ho estetyky, 1907-1910 rr. Kyiv, Vyd-vo Akad. nauk URSR, 1962. 132 p.

Methodology of the theory of imperialism. G. Rudenko. Nauch. dokl. vys. shkoly, ekon. nauki no. 5:11-20 '62.

Moscow. Institut marksizma-leninizma. ["Pravda" in the years 1912-1914, 1917; bibliography] Pravda, 1912-1914, 1917 gg.; bibliograficheskii ukazatel'. Moskva, Gospolitizdat, 1962. 101 p. (CSt-H)

Rozhdestvenskii, B. P. [V. I. Lenin at Kazan University] V. I. Lenin v Kazanskom universitete. [Kazan'] Izd-vo Kazanskogo univ., 1959. 55 p. illus. (MH)

There is a revolution in Russia! Pavlo Makrushenko. Sov. profsoiuzy 18 no. 20:8-9 O '62.

V. I. Lenin and radio. M. Gleitzer. Sov. rad. i tel. 6 no. 6:2-6 '57.

V. I. Lenin on mass political work among Soviet workers. D. Kakabadze. Blok. agit. [Gruz.] no. 1-9-18 Ja '60.

Vasil'ev, P. D. [Lenin on the revolutionary traditions of the Ivanovo workers] V. I. Lenin o revoliutsionnykh traditsiiakh ivanovskikh rabochikh. [Ivanovo] Ivanovskoe knizhnoe izd-vo, 1960. 86 p. (NNC)

The years of emigration, 1914-1917. T. F. Ludvinskaia. Ist. arkh. 8 no. 4:144-162 Jl-Ag '63.

LENIN, VLADIMIR IL'ICH, 1870-1924—BIBLIOGRAPHY
see Bibliography—Lenin, Vladimir Il'ich, 1870-1924

LENIN, VLADIMIR IL'ICH, 1870-1924—HOMES AND HAUNTS

Gorodetskii, N. D., and M. I. Khromova. [V. I. Lenin House Museum in Shushenskoye; album and guidebook] Dom-muzei V. I. Lenina v Shushenskom; fal'bom-putevoditel'. Moskva, Sovetskaia Rossiia, 1960. 62 p. (MH)

LENIN, VLADIMIR IL'ICH, 1870-1924—MUSEUMS, RELICS, ETC.

V. I. Lenin Museum in a settlement. V. Ignatik. Agitator no. 22:61 N '62.

LENIN DISTRICT (KHABAROVSK TERRITORY)—GOITER

Goiter in children of the Lenin District of Khabarovsk Territory. A. M. Bereko. Trudy Khab. med. inst. no. 20:136-140 '60.

LENINGRAD—APARTMENT HOUSES

Grigor'ev, E. G., M. S. Satin, and I. M. Dorlabin. [Residential buildings made of air-entrained concrete] Zhilye doma iz gazobetona; opyt Leningrada. Leningrad, Gosstroiizdat, 1962. 130 p.

In the Leningrad Branch. Biul. stroi. tekh. 19 no. 10 37-40 O '62.

LENINGRAD—AUDITING AND INSPECTION

How to prevent violations. A. Petrov. Fin. SSSR 23 no. 10 68-71 O '62.

LENINGRAD—BANKS AND BANKING

The International Bank of St. Petersburg and French financial capital during the years of the first industrial upsurge in Russia; development and operation of the "General Society for Industrial Development in Russia." Iu. B. Solov'ev. Trudy LOII AN SSSR. no. 4 377-407 '62.

LENINGRAD—BOOTS AND SHOES, RUBBER

Matveeva, E. F. [On the right road] Na vernom puti. [Leningrad] Lenizdat, 1961. 53 p.

LENINGRAD—CHILDREN—CARE AND HYGIENE

Leningrad citizens hold No! to diseases. Ilia Borutskaia. Zdorov'e 8 no. 11:6-7 N '62.

LENINGRAD—COMMUNITY CENTERS

Let us unlock and open the doors of clubs and palaces. P. Usanov. Agitator no. 23:52-53 D '62.

LENINGRAD—CONSTRUCTION WORKERS

Arenin, E. M. [Man who built a city] Chelovek, kotoryi postroil gorod. Moskva, Sovetskaia Rossiia, 1962. illus. (Liudi Sovetskoi Rossii)

LENINGRAD—CONFECTIONERY

Complex mechanized shops for candy manufacture in the Leningrad Confectionery Factory named after Krupskaia. L. S. Kitanovskii. Khleb. i kond. prom. 6 no. 10 8-10 O '62.

LENINGRAD—CONFECTIONERY—EQUIPMENT AND SUPPLIES

New developments in the equipment and technology of caramel manufacture in the First Leningrad Confectionery Factory. I. I. Loboda. Khleb. i kond. prom. 6 no. 10 7-9 O '62.

LENINGRAD—CULTURE

Baranov, A. A. [For the welfare and happiness of man] Dlia blaga i schast'ia cheloveka. [Leningrad] Lenizdat, 1961. 27 p. (Novoe vkhodit v zhizn')

LENINGRAD—DIESEL ENGINES—TECHNOLOGICAL INNOVATIONS

Increasing shifts is an important hidden potentiality in machinery manufacturing. A. Tikhonov. Sots. trud 7 no. 10:102-106 O '62.

LENINGRAD—DRAMA—SOCIETIES, ETC.

In search of Shakespeare. I. Rodionova. Smena 39 no. 20:30 O '62.

LENINGRAD—ECONOMIC CONDITIONS

Baranov, A. A. [For the welfare and happiness of man] Dlia blaga i schast'ia cheloveka. [Leningrad] Lenizdat, 1961. 27 p. (Novoe vkhodit v zhizn')

LENINGRAD—FOOD INDUSTRY—ACCOUNTING

Simplifications of commercial documents. L. Golovanova, M. Rumiantseva. Bukhg. uchet 10 no. 9 61-64 S '62.

LENINGRAD—GAS PIPES

Pashkov, L. D. [Organizing the stocking of elements and assembly of heat and gas distribution systems] Organizatsiia zagotovki i montazha sistem teplogazosnabzheniia. Moskva, Izd-vo M-va kommun. khoz. RSFSR, 1962. 110 p.

LENINGRAD—HOUSING

They can't work in this way any more. O. Goharev. Zhil.-kom. khoz. 12 no. 3:13-14 Mr '62.

LENINGRAD—HYPERTENSION

Significance of dispensary treatment in preventing the exacerbation of hypertension, based on materials from the "Sevkabel'" factory in Leningrad. N. K. Gorbadei, V. A. Elizarov, M. G. Golub. Zdrav. Ros. Feder. 6 no. 8:16-19 S '62.

LENINGRAD—INDUSTRIAL MANAGEMENT

Labzina, A. A. [Creative alliance of science and labor] Tvorcheskii soiuz nauki i truda. [Leningrad] Lenizdat, 1961. 56 p.

Latysheva, A. V. [Regular production conferences; from work practices of industrial enterprises in Leningrad] Postoianno deistvuiushchie proizvodstvennye soveshchaniia, iz opyta raboty promyshlennykh predpriiatii Leningrada. [Leningrad] Lenizdat, 1961. 74 p. (NNC)

LENINGRAD—LABOR AND LABORING CLASSES

Frantishev, I. M. [Crane builders of Leningrad; the past and present of the Kirov hoisting and conveying equipment plant in Leningrad, 1853-1961] Leningradskie kranostroiteli; o proshlom i nastoiashchem leningradskogo zavoda pod"emno-transportnogo oborudovaniia imeni S. M. Kirova, 1853-1961. [Leningrad] Lenizdat, 1962. 350 p.

LENINGRAD—LANGUAGES—STUDY AND TEACHING

New features in the work of Leningrad foreign language teachers. L. M. Strodi, E. G. Kopyl. Inostr. iaz. v shkole no. 5:45-53 S-O '62.

LENINGRAD—LIBRARIES

The Leningrad Public Library's service to readers during the Great Patriotic War. N. A. Efimova. Trudy [Len.] publ. bibl. 10,127-140 '62.

Organizing a plan for library service to residents in the Kalinin District of Leningrad. E. I. Kuzhel'kova. Trudy LGBI 8:35-50 '61.

Voluntary participation in library work. L. P. Pogorelskii. Trudy [Len.] publ. bibl. 10:81-86 '62.

Work of the Leningrad Public Library in the light of the decisions of the 22d Congress of the CPSU. O. D. Golubeva. Trudy [Len.] publ. bibl. 10,7-13 '62

Works of the Leningrad Public Library in foreign library and bibliographical publications from 1955 to 1961. T. I. Skripalina. Trudy [Len.] publ. bibl. 10:47-56 '62.

LENINGRAD—LIBRARIES, CHILDREN'S

History of the development of the system of children's libraries in Leningrad. M. A. Chunovitina. Trudy LGBI 8 123-140 '61.

LENINGRAD—NEWSPAPER AND PERIODICAL CIRCULATION

What we learn from leading newsstand operators. I. Orlikov. Rasprr. pech. no. 10:14-15 O '62.

LENINGRAD—PIPES

Pashkov, L. D. [Organizing the stocking of elements and assembly of heat and gas distribution systems] Organizatsiia zagotovki i montazha sistem teplogazosnabzheniia. Moskva, Izd-vo M-va kommun. khoz. RSFSR, 1962. 110 p.

LENINGRAD—PRINTING INDUSTRY

For Soviet science. S. L. Ginzburg, S. E. Zverev, I. D. TSart. Poligr. proizv. no. 10 9-10 O '62

Leningrad printers strive for technical progress. Poligr. proizv. no. 10 1-2 O '62.

LENINGRAD—RADIO PROGRAMS FOR CHILDREN

Thirty years in a radio station. I. Bavin. Sov. rad. i tel. 6 no. 5:22-23 '57.

LENINGRAD—RADIOBROADCASTING

On the Leningrad Radio. N. Nikolaev. Sov. rad. i tel. 6 no. 3:21-22 '57.

LENINGRAD—RAILROADS—CARS

Railroad cars manufactured at the Leningrad Egorov Plant. M. L. Reginskii. Biul. tekh.-ekon. inform. Gos. nauch.-issl. inst. nauch. i tekh. inform. no. 10:65-67 '62.

LENINGRAD—RESTAURANTS, LUNCHROOMS, ETC.—AUDITING AND INSPECTION

Comprehensive auditing. S. Svitich. Bukhg. uchet 10 no. 9 11-14 S '62.

LENINGRAD—SCIENTISTS

"Leningrad scientists and scholars during the Siege of 1941-1943" by A. V. Kol'tsov. Reviewed by V. A. Ezhov, G. L. Sobolev. Vop. ist. no. 10:119-121 O '62.

LENINGRAD—SHIPBUILDING

The duty of propagandists. N. Sorokin. Agitator no. 22: 3-10 N '62.

LENINGRAD—SIEGE, 1941-1944

"Leningrad scientists and scholars during the Siege of 1941-1943" by A. V. Kol'tsov. Reviewed by V. A. Ezhov, G. L. Sobolev. Vop. ist. no. 10:119-121 O '62.

LENINGRAD—STANDARDIZATION—STUDY AND TEACHING

Seminar on standardization in Leningrad. L. M. Sverdlov. Standartizatsiia 26 no. 10:63 O '62.

LENINGRAD—TECHNICAL EDUCATION

Zorina, E. M., comp. [Technical schools of Leningrad; handbook for students registering in 1962] Tekhnikumy i uchilishcha Leningrada; spravochnik dlia postupaiushchikh v 1962 godu. [Leningrad] Lenizdat, 1962. 172 p.

[MICROFILM]

LENINGRAD—TECHNOLOGICAL INNOVATIONS

Labzina, A. A. [Creative alliance of science and labor] Tvorcheskii soiuz nauki i truda. [Leningrad] Lenizdat, 1961. 56 p.

LENINGRAD—TELEVISION BROADCASTING

Creative people. T. Storkin. Sov. rad. i tel. 6 no. 5: 23-24 '57.

LENINGRAD—TEXTILE RESEARCH

Principal trends in the research work of the "S. M. Kirov" Textile Institute in Leningrad. V. F. Androsov. Izv. vys. ucheb. zav. tekh. leg. prom. no. 4:144-146 '62.

LENINGRAD—TEXTILE WORKERS

Krasikova, A. T. [Life of a woman weaver] Put' tkachikhi. [Leningrad] Lenizdat, 1961. 57 p. (Novatory Leningradskoi promyshlennosti)

LENINGRAD—TURBINES

Unique everyday activities. O Kuprin, K. Chetvekov. Ogonek 40 no 42 4-7 O '62

LENINGRAD—UNIVERSITIES AND COLLEGES

Leningrad. Institut inzhenerov zheleznodorozhnogo transporta. [V N. Obraztsov Order of Lenin Institute of Railroad Transportation Engineers in Leningrad, 1809-1959] Leningradskii ordena Lenina institut inzhenerov zheleznodorozhnogo transporta imeni akademika V. N Obraztsova, 1809-1959. Moskva, Vses. izdatel'sko-poligraficheskoe ob"edinenie M-va putei soobshcheniia, 1960. 387 p. illus.
(MH)

LENINGRAD ECONOMIC REGION—CONFECTIONERY

Basic trends in the expansion of the confectionery industry of the Leningrad Economic Region S D. Makarov. Khleb. i kond prom. 6 no. 10 4-7 O '62.

LENINGRAD ECONOMIC REGION—WELDING

Expanded use of welding in enterprises of the Leningrad Economic Region V N Ryzhakov, V IA Malykhin, F A Chernakov Svar proizv no 10 44-45 O '62

LENINGRAD PROVINCE—ACCOUNTING

Improve the work of central accounting offices in regional economic councils V Shulaev Bukhg uchet 19 no 6 1-7 Je '62

LENINGRAD PROVINCE—ARTIFICIAL INSEMINATION

Sokolova, Z. A. [Artificial insemination of cattle] Iskusstvennoe osemenenie krupnogo rogatogo skota [Leningrad] Lenizdat, 1962. 44 p. (Vse novoe, peredovoe - na polia i fermy!)
(DNAL)

LENINGRAD PROVINCE—BOOTS AND SHOES, FELT

Light and shadow, two felt boot factories. L Ivanov, G. IAkichev. Mest. prom. i khud. promys. 3 no. 8-9-10 Ag '62.

LENINGRAD PROVINCE—CONODONTS

Stratigraphic distribution of conodonts in the Lower Ordovician of Leningrad Province. S. P Sergeeva. Dokl. AN SSSR 146 no. 6 1393-1395 O '62.

LENINGRAD PROVINCE—ONIONS—VARIETIES

Avrov, N. N. [Catawissa and chive] Mnogoiarusnyi luk i shnitt-luk [Leningrad] Lenizdat, 1961 42 p

LENINGRAD PROVINCE—PODOPHYLLUM

Chemical and pharmacological study of preparations extracted from Podophyllum Peltatum L. growing in Leningrad Province. R N. Zozulia and others. Trudy Len. khim -farm. inst. no 13:245-252 '61.

LENINGRAD PROVINCE—PRINTING INDUSTRY—FINANCE

How we strengthen the economics of enterprises A Ignatov Fin SSSR 23 no 10 47-50 O '62.

LENINGRAD PROVINCE—STATE FARMS—ACCOUNTING

From a single-unit document to a multiple one. I. I. Verebovskii. Uchet i fin v kolkhoz i sovkhoz 19 no 9:22-24 S '62

Science aids practice. K. D Kortikova, A S Egorova. Uchet i fin v kolkhoz i sovkhoz 19 no 10 24-27 O '62

LENINGRAD PROVINCE—WASTE PRODUCTS

Using city and factory waste in fertilizing and feeding. Zemledelie 24 no. 9:93 S '62.

LENINGRAD REGION—GAS, NATURAL—STORAGE

State of underground gas storage in the Leningrad industrial area M I Peisik, L. I. Stankevich, V. N IAroshenko. Trudy SGPK no 3 103-124 '62.

LENSES

Experimental determination of the coefficient of spherical aberration of symmetrical electrostatic lenses. L. V Verevkina. Izv. LETI 57 no. 39-257-263 '59.

LEPTOSPIRA

Antigenic structure of icterohemorrhagic strains of Leptospirae found in the USSR [with summary in English]. A. I. Shirvinskaia. Zhur. mikrobiol., epid. i immun. 33 no. 8:84-89 Ag '62.

Carriage of L. tarassowi among synanthropic rodents [with summary in English]. E. N. Gorshancva. Zhur. mikrobiol., epid. i immun. 33 no. 4:34-39 Ap '62.

Geographic distribution of L. pomona (type II) in the U. S. S R. [with summary in English]. V. I. Terskikh, N. P. Sveshnikova, I. L. Kokovin. Zhur. mikrobiol., epid. i immun. 33 no. 4:17-23 Ap '62.

Leptospirae from the hebdomadis group; Report No. 1 [with summary in English]. V. V. Anan'in, L. P. Semenova. Zhur. mikrobiol., epid. i immun. 33 no. 4:14-17 Ap '62.

Study of the action of antibiotics on local and museum preserved Leptospira material in vitro. V. I. Seredina. Trudy Khab. med. inst. no. 20:119-122 '60.

LEPTOSPIROSIS

(see also subdivision under Chelyabinsk Province; White Russia)

Preliminary data on the effect of cortisone on leptospirosis in white mice [with summary in English]. B. V. Vysotskii, F. S. Malykh. Zhur. mikrobiol., epid. i immun. 33 no. 8:46-48 Ag '62.

Role of bloodsucking arthropods in transmitting and preserving pathogenic leptospirae. Report No. 2. Relation of bloodsucking arthropods to the pathogens of anicteric leptospirosis [with summary in English]. I. Z. Soloshenko. Zhur. mikrobiol., epid. i immun. 33 no. 4: 31-34 Ap '62

LERMONTOV, MIKHAIL IUR'EVICH, 1814-1841

IAkovkina, E. [Chronicle of the life and work of M. IU. Lermontov] Letopis' zhizni i tvorchestva M. IU Lermontova. Piatigorsk, Gos. muzei "Domik Lermontova," 1947. 28 p.
(NNC)

LESKOV, NIKOLAI SEMENOVICH, 1831-1895

"The left-handed one." T. Potashinskaia. Sov. rad. i tel. b no. 2:26-27 '57.

LESSER BLACK-BACKED GULL see subdivision under Svan Lake region

LESZNO—GLIDING AND SOARING

At competitions in Leszno. M. Ratsenskaia, V. Shmelev. Kryl. rod. 13 no. 9 20-21 S '62.

LEUCISCUS see subdivision unde Issyk-Kul'

LEUCOCYTES

Cytochemical changes in the leucocytes in the blood of schizophrenics. A. I. Kukoleva. Trudy Gos. nauch.-issl. inst. psikh. 27:248-254 '61.

Morphological phenomena of the protective functions of the body in infectious processes M. V. Voin-IAsenetskii. Vest. AMN SSSR 17 no. 5:102-109 '62.

LEUKEMIA

Eosinophilic reticulosis of the skin [with summary in English]. V. IA. Arutiunov, P. I. Golemba. Sov. med. 26 no. 8:112-118 Ag '62.

LEVEL INDICATORS FOR LIQUIDS see Liquid level indicators

LEVELING

Practice of operations in airborne radar leveling. N. P. Kozhevnikov. Geod. i kart. no. 9:39-48 S '62.

LEVITAN, ISAAK IL'ICH, 1860-1900

The early works of I. I. Levitan. A. Fedorov-Davydov. Iskusstvo 25 no. 8:48-56 '62.

LIABILITY (LAW)

Liability for the loss of cattle. T. Kudreiko. Sov. iust. no. 20 20-21 O '62.

"Liability of transportation agencies for the loss of freight according to Soviet law" by A. L. Makovskii. Reviewed by G. L. Shmigelskii. Inform. sbor. TSNIIMF no. 16 Mor. pravo i prak. no. 8:79-82 '60.

LIABILITY FOR TRAFFIC ACCIDENTS

Liability for rented motorcars. E. D. Sokolova. Vest. Mosk. un. Ser. 10: Pravo 17 no. 3:50-57 Jl-S '62.

LIBERTY

Science and the problem of freedom. Kenjuro Yanagida. Nauka i zhizn' 29 no. 9:46-48 S '62.

LIBRARIES

(see also subdivision under Czechoslovakia; Leningrad; Madrid; Moscow; Russia; Switzerland)

Libraries and readers in the Soviet Union; a first report of the American library mission to Russia. Translated from the English. R. D. Rogers. Bibliotekoved. i bibl. za rub. no. 9:141-145 '62.

Libraries in the Soviet Union. Translated from the English. M. C. Pottinger. Bibliotekoved. i bibl. za rub. no. 9, 123-131 '62.

The place of libraries in public life. Z. P. Oleneva. Trudy LGBI 8:3-34 '61.

LIBRARIES, CHILDREN'S see subdivision under Leningrad

LIBRARIES, SPECIAL

Report on special library work in the U S S R Translated from the English. Anthony Tompson. Bibliotekoved. i bibl. za rub. no. 9:132-140 '62.

LIBRARIES AND READERS

(see also subdivision under Moscow; Prague)

Books, parents and children. S. Magidson. Semia i shkola 17 no. 10:16-19 O '62.

Bringing books to every family is an important task of libraries. E. I. Panina. Trudy [Len.] publ. bibl. 10: 75-80 '62.

The library is an aid to the nation-wide movement for communist labor. M. L. Khalfina. Sov. bibl. no. 4:28-33 '62.

"Promoting library and bibliographical knowledge in district and rural libraries" by I. K. Kirpicheva. Reviewed by P. A. Suponitskaia. Sov. bibl. no. 4:77-79 '62.

The role of libraries in aiding the communist education of workers. I. F. Pokrovskii. Trudy [Len.] publ. bibl. 10:57-68 '62.

Studying readers' requests in public libraries. B. V. Bank. Trudy LGBI 8:81-121 '61.

LIBRARY ASSOCIATIONS

Work of the first library society in Russia. A. A. Gvozdeva. Trudy LGBI 8 193-213 '61.

LIBRARY CATALOGS

Editing the social and political sciences sections of library catalogs. S. K. Vilenskaia, D. A. Tarasiuk. Sov. bibl. no. 4:14-17 '62.

Method of compiling a geographical index to the classified catalogs of large reference libraries. L. I. Pavlova. Trudy LGBI 8:65-79 '61.

Moscow. Publichnaia biblioteka. Voennyi otdel [Standard catalog for regiment and ship libraries] Tipovoi katalog polkovoi i korabel'noi bibliotekoi. Moskva.
Vol. 1 1959
(NNC)

LIBRARY CATALOGS AND READERS

Help to readers. A. Rabin. Nauka i tekh. 4 no. 11 no N '62.

LIBRARY CONFERENCES see subdivision under Daghestan

LIBRARY SCHOOLS AND TRAINING

(see also subdivision under Great Britain; Ulan-Ude)

Establishment and development of higher library education in the U.S.S.R. from 1917 to 1920. Z. P. Oleneva. Trudy LGBI 8 215-235 '61.

Letter from N. A. Rubakin to L. B. Khavkina. Trudy LGBI 8:201-203 '61.

Training of librarians in the secondary classification in the R. S. F. S. R. L. V. Kazantseva. Trudy LGBI 8:235-256 '61.

LIBRARY SCIENCE

Discussion of the problems of work in the field of bibliography and library science. III. V. Grigor'ev. Sov. bibl. no. 4:101-106 '62.

"Library work today" [in German]. Reviewed by L. B. IAshkina. Bibliotekoved. i bibl. za rub. no. 8:145-149 '62.

LICE

(see also subdivision under Trans-Ili Ala-Tau)

Critical observations on the article, "Butadion, an effective substance for the control of body lice" [with summary in English]. G. A. Budzhnaev. Zhur. mikrobiol., epid. i immun. 33 no. 8:39-41 Ag '62.

Study of the insecticidal effect of butadione. Report No. 1 [with summary in English]. L. A. Favorova and others. Zhur. mikrobiol., epid. i immun. 33 no. 8:39-42 Ag '62.

LICENSES (PATENTS) see Patent Licenses

LICHENS

(see also subdivision under Karelian Isthmus)

The interesting lichen Aspicilia Endlinae. V. P. Savich. Bot. mat. Otd. spor. rast. 15:5-7 Ja '62.

Lichens of Russia. Decade XII(1902) [in Latin]. V. P. Savich. Bot. mat. Otd. spor. i rast. 15:1-5 Ja '62.

"Taxonomic studies on reindeer lichens (Cladonia, subgenus Cladina)" [in English] by T. Ahti. Reviewed by H. Trass. Bot. zhur. 17 no. 6:1218-1220 Ag '62.

LICHENS—THERAPEUTIC USE

Treatment of acute and chronic bacillary dysentery with Parmelia. E. A. Markevich. Voen.-med. zhur no 9 86 S '61.

LIE ALGEBRAS

Algebras with identity relations. V. N. Latyshev. Dokl. AN SSSR 146 no. 5:1003-1006 O '62.

LIFE—ORIGIN

Biology according to Rimmer. A. Emme. Mol. kolkhoz no. 10 120-125 O '62.

LIFE ON OTHER PLANETS

This is what the scientists say. IE. P. Fedorov. Znan'ia pravda no. 10:8 O '62.

Traces of life in space stones. B. Timofeev. Ogonek 40 no. 42:20-21 O '62.

Universe and life. A. Oparin. Av. i kosm. 45 no. 10: 11-15 '62.

LIGETI, LAJOS

Academician Lajos Ligeti and the development of Altaic studies in Hungary. G. D. Sanzheev. Nar. Az i Afr. no. 5:155-158 '62.

LIGHT

Transition from the wave to quantum conceptions of light. A. V. Arkhangel'skaia. Fiz. v shkole 22 no. 4: 44-46 Jl-Ag '62.

LIGHT—PHYSIOLOGICAL EFFECT

Experimental data on the effect of changed light conditions on the metabolism in animal organisms. S. K Karaevetian. Agrobiologiia no. 3:433-435 My-Je '62.

LIGHT—SCATTERING

Scattering of light in the earth's atmosphere and its effect on the visible brightness of features on the disk of the sun. N. I. Kozhevnikov. Soob. GAISH no. 117 3-14 '61.

LIGHT METALS

Economic advisability of building tank vessels of light alloys. P. K. Binkup. Sudostroenie 28 no. 9:52-55 S '62.

LIGHT QUANTUM see Photons

LIGHTWEIGHT CONCRETE

Grigor'ev, E. G., M. S. Satin, and I. M. Derlabin. [Residential buildings made of air-entrained concrete] Zhilye doma iz gazobetona; opyt Leningrada. Leningrad, Gosstroiizdat, 1962. 130 p.

Light coarse-porous concretes from synthetic resins B. G. Skramtaev, A. M. Shchepetov, G. A. Iaskovich. Sbor. trud. VNIINSM no. 5 38-47 '61.

Perlite concrete insulating slabs based on slag cement. A. R. Zaichenko, M. V. Zolotareva-skaia. Stroi. mat., 8 no. 9:27 S '62.

Satava, Vladimír, and Jaroslav Škvrdlík. ["Silikork", a porous concrete. Translated from the Czech] Poristyi beton "silikork." Pod red. A. V. Konorova. [Moskva] Gosstroiizdat, 1962. 230 p.

Wall slabs based on agloporite. V. F. Zhudov, I. M. Levin. Stroi. mat., 8 no. 9:25-26 S '62.

LIGHTWEIGHT CONCRETE—TESTING

The problem of shrinkage phenomena in cellular concretes. A. S. Naumenko and others. Stroi. mat., 8 no. 30-33 S '62.

LIGNIN

Study of the structure of cotton plant lignins by the method of destructive oxidation by nitrobenzene in an alkaline medium. N. N. Shorygina, Kh. R. Niazov. Izv. AN SSSR, Otd. khim. nauk no. 9 1689-1690 S '62.

LIGNITE see subdivision under Czechoslovakia; Kazakhstan, Mamyt Valley

LIMBS (ANATOMY see Extremities (Anatomy)

LIMESTONE

Calcination of limestone in a gas-heated furnace in a fluidized bed. A. T. Tishchenko. Khim. prom. [Ukr.] no. 1:60-64 Ja-Mr '62.

LIMIT THEOREMS (PROBABILITY THEORY)

Probability theory applied to two economic problems. A. A. Borovkov. Dokl. AN SSSR 146 no. 5 983-986 O '62.

LINEAR DIFFERENTIAL EQUATIONS see Differential equations, Linear

LINEAR EQUATIONS

Coordinate spaces and infinite systems of linear equations. Part 1. Iu. I. Gribanov. Izv. vys. ucheb. zav., mat., no. 4, 38-48 '62.

LINEAR PROGRAMMING

"Linear programming in economic calculations for agriculture" by I. G. Popov. Reviewed by R. Kravchenko. Ekon. sel'khoz., 33 no. 8:125 Ag '62.

Using linear programming methods to determine the optimum rock haulage in mines. B. M. Vorob'ev. Nauch. trudy MGI no. 38, 127-145 '61.

LINOLEUM

Nitrolinoleum parquet tile. N. N. Vasil'ev, R. S. Galanina, M. M. Vasil'ev. Khim. prom. [Ukr.] no. 1:82-87 Ja-Mr '62.

LIPETSK—DIPHTHERIA

Bacteriological diagnosis of diphtheria in Lipetsk during the last four years. E. M. Buttseva. Zhur. mikrobiol., epid. i immun., 33 no. 4:119-120 Ap '62.

LIPETSK—LEGAL AID

A lawyer on duty at a newspaper's office. S. Basis. Sov. just. no. 20:29 O '62.

LIPETSK PROVINCE—GERMAN LANGUAGE—STUDY AND TEACHING

Active foreign language lesson in the schools of Lipetsk Province. Iu. P. Chernov. Inostr. iaz. v shkole no. 5 34-45 S-O '62.

LIPETSK PROVINCE—PENSIONS

Timely inspection is good aid. V. Dokukin. Sots. obesp. 23 no. 10:12-13 O '62.

LIPID METABOLISM

Water, protein and lipid metabolism in hypertension [with summary in English]. R. I. Mikuniia, M. G. Shaverdo. Vrach. delo no. 10:35-40 O '62.

LIPOVETS DISTRICT—ROCKS, IGNEOUS

New data on the composition and stratigraphic position of effusive rocks in Lipovets District. V. A. Riabenko. Trudy Inst. geol. nauk AN URSR. Ser. petr., min. i geokhim., no. 16:68-74 '62.

LIQUID LEVEL INDICATORS

Automatic device for filling batchmeters which takes into account the concentration of liquid. O. IA. Shnaider, M. I. Gorfinkel'. Khim. prom. [Ukr.] no. 1:72-73 Ja-Mr '62.

Level measurement by remote control of the liquid cargo in tank vessel compartments. A. T. Solov'ev. Sudostroenie 28 no. 9:64-66 S '62.

LIQUID METALS

Currents and stresses in a layer of liquid metal in cylindrical induction pumps. A. I. Vol'dek. Izv. vys. ucheb. zav., elektromekh., 5 no. 6:587-592 '62.

Effect of the microrelief on the regularities of distribution of a liquid metal on a solid metal surface. Iu. V. Goriunov and others. Dokl. AN SSSR 146 no. 3:638-641 S '62.

Magneto-hydrodynamic effects in the channels of liquid metal induction pumps. M. N. Okhremenko. Izv. vys. ucheb. zav. elektromekh. 5 no. 6:593-601 '62.

Pressure of saturated vapors of liquid metals and their impurities investigated by the carrying gas method. V. T. Buttsev, A. M. Samarin. Zav. lab. 28 no. 10 1199-1203 '62.

Wettability of corundum and silica glass by iron-silicon melts. S. D. Volkov, V. A. Mchedlishvili, A. M. Samarin. Izv. AN SSSR, Otd. tekh. nauk, Met. i topl. no. 5:68-73 S-O '62.

LIQUID METALS—METALLOGRAPHY

X-ray investigation of the structure of certain liquid metals. IA. I. Dutchak, A. G. Mykolaichuk, N. M. Klym. Fiz. met. i metalloved. 14 no. 4, 548-554 O '62.

LISICHANSK—COAL MINES AND MINING—PRODUCTION STANDARDS

Unification of comprehensive output norms. V. Kuznetsov, P. Tsuneev. Sots. trud 7 no. 8 84-85 Ag '62.

LITERARY SOCIETIES

"Nikitina's saturday gatherings" Nauka i zhizn' 29 no. 9: 63, 111-112 S '62.

LITERATURE—BIBLIOGRAPHY see Bibliography—Literature

LITERATURE—HISTORY AND CRITICISM

At Kiev University. N. I. Zhuk, Iu. V. Khokhlova. Rad. lit. 6 no. 4, 155-156 Jl-Ag '62.

Blok, A. A. [Collected works in eight volumes] Sobranie sochinenii v vos'mi tomakh. Pod obshchei red. V. N. Orlova, A. A. Surkova, K. I. Chukovskogo. Moskva, Gos. izd-vo khudozh. lit-ry.
Vol. 6. [Prose, 1918-1921] Proza, 1918-1921. 1962. 555 p.

Gogol', N. V. [On literature; selected articles and letters] O literature, izbrannye stat'i i pis'ma. Vstup. stat'ia i primechaniia N. Bogoslovskogo. Moskva, Gos. izd-vo khudozh. lit-ry, 1952. 320 p. (CU)

Korallov, M., comp. [Rosa Luxemburg on literature] Roza Liuksemburg o literature. Moskva, Goslitizdat, 1961. 350 p.

Sydorenko, H. K. [Fundamentals of literary criticism; lecture course for students enrolled in philology faculties of universities in the Ukrainian S. S. R.] Osnovy literaturoznavstva; kurs lektsii dlia studentiv filologichnykh fakul'tetiv universytetiv URSR. [Kyiv] Vyd-vo Kyivs'koho univ., 1962. 147 p.

LITERATURE—HISTORY AND CRITICISM—BIBLIOGRAPHY see Bibliography—Literature—History and criticism

LITERATURE—STUDY AND TEACHING

Belen'kii, G. I., N. V. Kolokol'tsev, and B. N. London. [Teaching literature in the senior grades of eleven-year schools] O prepodavanii literatury v starshikh klassakh odinnadtsatiletnei shkoly. Pod red. N. I. Kudiasheva. Moskva, Izd-vo Akad. pedageg. nauk RSFSR, 1962. 150 p. (Pedagogicheskaia biblioteka uchitelia)

LITERATURE—TERMINOLOGY

Abetov, G. T. [Concise Russian-Kazakh dictionary of literary terms] Kratkii russko-kazakhskii slovar' literaturovedcheskikh terminov. Pod obshchei red. K. Dzhumaliева. Alma-Ata, Izd-vo Akad. nauk Kazakhskoi SSR, 1962. 139 p.

LITERATURE, COMPARATIVE

Forms of literary interrelations and interactions. A. R. Volkov. Rad. lit. 6 no. 4:20-44 Jl-Ag '62.

Leningrad. Universitet. [International literary ties] Problemy mezhdunarodnykh literaturnykh sviazei. [Leningrad] 1962. 190 p.

LITERATURE AND COMMUNISM see Communism and literature

LITERATURES see subdivision under Russia

LITHIUM

Low-energy photodeuterons from lithium [with summary in English] A. S. Belousov, S. V. Russkov, E. I. Tamm. Zhur. eksp. i teor. fiz. 43 no. 3:813-814 '62.

LITHIUM ALCOHOLATE—SPECTRA

Study of the lithium alcoholate structure by the method of infrared absorption spectra. O-Li. . . O bond. A. P. Simonov and others. Izv. AN SSSR, Ser. fiz. no. 10: 1246-1249 O '62.

LITHIUM CHLORIDE

Dependence of the solubility of mercury chloride on the concentration of lithium chloride in methyl alcohol. G. F. Dvorko. Ukr. khim. zhur. 28 no. 5 621-623 '62.

LITHIUM HALIDES

Reactions of lithium halides with acetic acid in acetone. E. IA. Gorenbein. Ukr. khim. zhur. 28 no. 6:673-677 '62.

LITHIUM SULFATE

Ternary system consisting of lithium, thallium, and lead sulfates. A. G. Bergman, V. V. Keropian, E. I. Bakumskaia. Zhur. neorg. khim. 7 no. 10:2447-2449 O '62.

LITHUANIA—CALCULI, URINARY

Nephrolithiasis; According to data of the Republic Clinical Hospital in Kaunas for a ten year period [with summary in English]. Č. A. Šinkevičius. Sov. med. 26 no. 8 123-126 Ag '62.

LITHUANIA—COMMUNISM

Kapsukas, Vincas. [Writings] Raštai. Vilnius, Valstybine grozines literatures leidykla. [In Lithuanian]
Vol. 1. 1900-1905. 1960. 536 p.

LITHUANIA—COMMUNIST YOUTH LEAGUE

Vilna. Partijos istorijos institutas. [Lithuanian Communist Youth] Lietuvos komjaunimas, straipsnių rinkinys. Vilnius, Politinės ir mokslinės literatūros leidykla, 1962. 562 p. [In Lithuanian]

LITHUANIA—CONFECTIONERY

Lithuanian S. S. R. Liaudies ukio taryba. [Collected materials on the exchange of experience] Sbornik materialov po obmenu opytom. Vil'nius, 1961. 41 p.

LITHUANIA—DESCRIPTION AND TRAVEL

[Here I grew up] Čia užaugau. Vilnius, Valstybine grozines literatures leidykla, 1961. 391 p. [In Lithuanian]

LITHUANIA—FUNGI, PHYTOPATHOGENIC

Brundza, K. [Parasitic fungi of cultivated plants in the Lithuanian S. S. R. and some problems of the biology of parasitic fungi] Parazitaye griby kul'tivirovannykh rastenii Litovskoi SSR i nekotorye voprosy biologii parazitnykh gribov. Pod red. A. Minkiavichuna. Vil'nius, Akad. nauk Litovskoi SSR, 1961. 301 p. (DNAt.)

LITHUANIA—MEDICINE, POPULAR

Elements of Lithuanian popular medicine in the light of the problems of contemporary science. J. Skilutaitukan. Sov. zdrav. 21 no. 10:79-82 '62.

LITHUANIA—MUSIC

Guadrimas, Iu. K. [Musical culture of Soviet Lithuania, 1940-1960] Muzykal'naia kul'tura Sovetskoi Litvy, 1940-1960, ocherk. Leningrad, Sovetskii kompozitor, 1961. 136 p.

LITHUANIA—PRINTING INDUSTRY

[Wages and unified production norms in the printing industry] Poligrafijos pramonės darbo užmokesčio ir vieningųjų įvedimo normų rinkinys. Vilnius, Valstybine politines ir mokslines literatures leidykla, 1961. 431 p. [In Lithuanian]

LITHUANIA—RADIO PROGRAMS

On the threshold of a glorious holiday. I. Miliushis, F. Iatsene. Sov. rad. i tel. 6 no. 3:3-5 '57.

LITHUANIA—RADIOBROADCASTING

Combine the nationwide and local broadcasting. I. Januaitis. Sov. rad. i tel. 6 no. 2:16 '57.

LITHUANIA—TEACHING

Good beginning. L. Utka. Sred. spets. obr. 9 no. 9:37-40 S '62.

LITHUANIA—TILLAGE

Subsoiling of clay soils in Lithuania. M. Ariuskas. Zemledelie 24 no. 9:71-73 S '62.

LITHUANIA—WILDLIFE, CONSERVATION OF

Outside the borders of a preserve. N. Nemunov. Okhrana prirody no. 9:48 S '62.

LITHUANIAN COMPOSERS see Composers, Lithuanian

LITHUANIAN LITERATURE—BIBLIOGRAPHY see Bibliography—Lithuanian literature

LITHUANIAN POETRY

Ciurlys, P. [Lithuanian poets of the 19th century. Translated from the Lithuanian] Litovskie poety XIX veka. Predisl. Antanasa Ventslova. Vstup. stat'in B. Pranskusa-Zhaltonisa. Sost., biograficheskie spravki i prim. P. Chiurlisa. Red. perevodov L. A. Ozerova. Moskva, Sovetskii pisatel', 1962. 467 p. (Biblioteka poeta, Bol'shaia seriia, 2. izd)
(MH)

LIVER—ABSCESS

Case of chronic abscess of the liver in an 11-year-old girl. IA. S. Valigura, A. G. Shabanova. Pediatriia no. 8:84-85 '62.

LIVER—CIRRHOSIS

Health resort treatment of severe forms of hepatitis and cirrhosis of the liver. A. S. Vishnevskii, I. S. Nanaziashvili. Uch. zap. Pyat. gos. nauch.-issl. bal'n. inst. 3:117-131 '60.

LIVER—DISEASES

Effect of choline and threonine on fatty infiltration of the liver caused by choline and protein deficiency [with summary in French] V. V. Volgarev, N. M. Fillchazin Vop. pit. 21 no. 6 40-47 N-De '62.

Health resort treatment of secretive forms of hepatitis and cirrhosis of the liver. A. S. Vishnevskii, I. S. Yanaizovskii Uch. zap. Perm. gos. med. in-ta, bal'n. inst. 3 117-131 '60.

LIVER—SYPHILIS

Gummous gastritis simulating cancer of the stomach. M. I. Lur'e Vrach. delo no. 10 137-137 O '62.

LIVER FLUKE

Comparative evaluation of the methods for worming sheep infected with using dichlorotetrachloroethane (freon 114) and carbon tetrachloride. D. D. Butisano., Z. I. Gorshkov Trudy MVI 1 179-181 '60.

LIVERWORTS see subdivision under Dzhava District

LOAD LINE

Some characteristics of determining the weight of a load by the ship's draft. V. Egorov Mor. flot 22 no. 10 9-11 O '62.

LOADING AND UNLOADING—COST OF OPERATION

Karpov, L. D. [Potentials for economy in loading and unloading operations in industry, based on the example of machinery manufacture] Rezervy ekonomii na pogruzochno-razgruzochnykh rabotakh v promyshlennosti, na primere mashinostroeniia Moskva, Ekonomizdat, 1962. 319 p.

LOBELINE

Effect of streptomycin on the respiratory reflexes appearing during stimulation in chronic experiments on the chemoreceptors of the carotid sinus using lobeline. G. S. Kan, K. V. Pimenova K izuch. roli nerv. sist. v pat., immun. i lech. tub. no. 2 331-340 '61.

LOBSTERS see subdivision under Kerch Strait

LOCAL ANESTHESIA

Relation between the local anesthetizing and anticholinergic action of piperidinealkanol esters of p-alkoxybenzoic acids V. V. Samuelian, N. E. Akopian. Izv. AN Arm SSR. Biol. nauki 15 no. 7 23-31 '62.

Use of neuroplegics in local anesthesia. N. N. Vul'f, A. V. Vasantsev Vest. khir. 89 no. 8 64-67 Ag '62.

LOCAL TRANSIT—ABSTRACTS

[Automotive and city transportation] Ref. zhur.: Avt. i gor. transp. no. 11 N '62.

LOCKS (HYDRAULIC ENGINEERING)

Improve the packing of sliding-type gates on high-pressure lock chambers. V. Zhukov. Rech. transp. 21 no. 10 52 O '62.

Potentialities of the traffic capacity of locks. I. Ivashentsev Rech. transp. 21 no. 10 38-39 O '62.

Wave damping in the lower lock approach channels. G. Onipchenko Rech. transp. 21 no. 10 42 O '62.

LOCOMOTIVES

Ivanitkov, G. S., and I. I. Kokoulin. [Efficient utilization of switching locomotives, experience of the Perovo Station] Effektivnoe ispol'zovanie manevrovykh lokomotivov, opyt stantsii Perovo Moskva, Transzheldorizdat, 1962. 25 p.

LOCOMOTIVES—MAINTENANCE AND REPAIR

Reconditioning locomotive parts by build-up welding in a water vapor atmosphere S. I. Zhukov Avtom. svar. 15 no. 11 95-98 N '62.

LOCUST [illegible] see subdivision under Odessa Province

LOGIC—PROBLEMS, EXERCISES, ETC.

Uemov, A. I. [Problems and exercises on logic] Zadachi i uprazhnenila po logike. Moskva, Vysshaia shkola, 1961. 350 p. illus. (MU)

LOGICAL POSITIVISM

Zhuravlev, L. A. [Neopositivism in the service of religion] Neopozitivizm na sluzhbe religii; posobie dlia studentov filosofskikh fakul'tetov gosudarstvennykh universitetov. [Moskva] Izd-vo Mosk. univ. 1962. 55 p.

LOMBARDI, RICARDO

Lombardi in disgrace. I. Lavretskii. Nauka i rel. no. 5: 46-47 My '62.

LOMONOSOV, MIKHAIL VASIL'EVICH, 1711-1765

Chelnokhovskii, F. I. Mikhailo Vasil'evich Lomonosov, 1711-1765. [Arkhangel'sk] Arkhangel'skoe knizhnoe izd-vo, 1961. 78 p. illus. (MU)

LOMONOSOV, MIKHAIL VASIL'EVICH, 1711-1765—BIBLIOGRAPHY see Bibliography—Lomonosov, Mikhail Vasil'evich, 1711-1765

LONDON—DESCRIPTION

Story about a trip to London. IU. Pimenov. Iskusstvo 25 no. 8 43-47 '62.

LONDON—VIADUCTS

Scaffold bridge in Hammersmith. P. Witt. Avt. dor. 25 no. 10 27-28 O '62.

LONGSHOREMEN see subdivision under Tuapse

LOOMS

The ATT-120-5 automatic loom. A. P. Filimonov. Biul. tekh.-ekon. inform. Gos. nauch.-issl. inst. nauch. i tekh. inform. no. 10:54 '62.

Investigating the method of shotting on a loom by means of an air stream. IU. I. Syromiatnikov. Nauch.-issl. trudy IvNITI 25 58-76 '61.

Kuligin, A. V. [Automatic AT-100-5M and AT-120-5 looms] Avtomaticheskie tkatskie stanki AT-100-5M i AT-120-5. Moskva, Rostekhizdat, 1962. 231 p. (Uchebniki i uchebnye posobiia dlia podgotovki rabochikh massovykh professii)

LOOMS—TESTING

Studying the performance of the picking mechanism of a loom under high-speed operation conditions. A. I. Gilshin. Izv. vys. ucheb. zav.; tekh. tekst. prom. no. 4:136-140 '62.

LOSKUTOV, FEDOR MIKHAILOVICH, 1900-1962

Fedor Mikhailovich Loskutov. Izv. vys. ucheb. zav.; tsvet. met. 5 no. 5:165-166 '62.

Fedor Mikhailovich Loskutov; an obituary. TSvet. met. 35 no. 10:76-77 O '62.

LOTUS see subdivision under Kazakhstan

LOUDSPEAKERS

Loudspeakers for radio receivers, radio-phonograph combinations, and television receivers. Radio no. 10, 53-56 O '62.

Principal parameters of loudspeakers. A. Dol'nik. Radio no. 10:51-52, 56 O '62.

LOUSE see Lice

LOVE

When the heart is silent,... V. Nemtsov. Smena 39 no. 20:20-21 O '62.

LOW TEMPERATURE RESEARCH

In the world of low temperatures. S. Venevskii. Av. i kosm. 15 no. 9 82-83 '62.

Phosphorescence of naphthalene and some of its derivatives at the temperature of liquid oxygen. B. A. Platonov. Izv. vys. uch. zav.; fiz. 3 41-44 '62.

[illegible]SEARCH—CONGRESSES

[illegible]ure physics. G. M. Eliashberg. 5:109-110 O '62.

[illegible]s of tellurium at low temper-[illegible]. S. S. Shalyt. Fiz. tver. tela [illegible].

[illegible]EY—CORDAITALES

[illegible] morphology of the vegetative [illegible]tes S. V. Meien Paleont. [illegible].

[illegible]CTIVE FARMS—INTER-

[illegible]llective farm relations. S. V. [illegible]okhoz. i sovkhoz. 10 no. 9:

[illegible]ANTS

[illegible]esnokov, and G. G. Burmi-. Deparafinizatsiia masel. 1962. 151 p. (Bibliotechka

[illegible] maintenance norms for [illegible]iul. nauch. inform. i trud i [illegible]62.

LUCHSHEV, ANATOLII ANATOL'EVICH, 1901-1962

In memory of Anatolii Anatol'evich Luchshev. Vest. Mosk. un. Ser. 5 Geog. 17 no. 5:72 S-O '62.

LUGANSK PROVINCE—ACCOUNTING

Improve the quality of accounting. G. Mikhalskii, B. [illegible]uchet 10 no. 6 19-22 Je '62.

LUGANSK PROVINCE—COMMUNITY LIFE

Light is seen from a long distance. M. Kamanchenko. Zhil.-kom. khoz. 12 no. 3:8-9 Mr '62.

LUGANSK PROVINCE—PASTURES AND MEADOWS

Effect of grazing on the change of the floristic composition of psammophytes. A. G. Konstantinova. Nauch. dokl. vys. shkoly, biol. nauki no. 1:121-124 '62.

LUGANSK PROVINCE—VOCATIONAL EDUCATION

In anticipation of the requirements of life. A. Krivosheev. Prof.-tekh. obr. 19 no. 9:5-7 S '62.

LUMBER

Salgus, K. A. [Handbook on lumber used in the mining industry] Spravochnik po lesnym materialam, primeniaemym v gornoi promyshlennosti. Moskva, Gosgortekhizdat, 1962. 301 p.

LUMBER—STORAGE

Limits for enlarging lumber warehouses. S. A. Kuptsov. Izv. vys. ucheb. zav., gor. zhur. 5 no. 8 60-70 '62.

LUMBER—TRANSPORTATION

Chulkov, V. D. [Steel cables in the lumber industry] Stal'nye kanaty v lesnoi promyshlennosti. Moskva, Goslesbumizdat, 1962. 134 p.

Mechanization of skidding operations in improvement cuttings. P. N. Shukhov, V. P. Morgov. Les. khoz. 15 no. 6:74-77 Je '62.

LUMBERING

(see also subdivision under Chepetskiy region)

Sheinin, IA. G. [Machine processing of defective wood and wood wastes for containers and others lumber products] Mekhanicheskaia pererabotka drevesiny i otkhodov na tarnuiu i prochuiu pitoproduktsiiu. Moskva, Goslesbumizdat, 1962. 164 p.

LUMBERING—LABOR PRODUCTIVITY see subdivision under Russia, Northwestern

LUMBERING—MACHINERY

Hidden potentialities are everywhere. I. Nekrasov. Agitator no. 23:28-30 D '62.

LUMBERMEN see subdivision under Kolovo (Karelia)

LUMINESCENCE

Bitumen feature of organic matter in coal from the northern part of the Atlantic Ocean as revealed by luminescence studies [with summary in English] N. M. Vikhrenko. Trudy Inst. okean. 56 32-58 '62.

Diagnostic significance of the luminescence method in skin diseases. M. A. Shteinberg. Vrach. delo no. 10 136-139 O '62.

Electroluminescent panels. V. I. Dolgopolov and others. Svetotekhnika 8 no. 11 24-26 N '62.

Study of the thermoluminescence of minerals and rocks. A. D. Rakcheev. Biul. MOIP, Otd. geol. 37 no. 3 122-123 My-Je '62.

LUMINESCENCE—BIBLIOGRAPHY see Bibliography—Luminescence

LUMINESCENT SUBSTANCES

Synthesis of 5-stilbenyl-1,3-diphenyl-Δ^2-pyrazolines. K. A. Kovyrzina, L. A. Radaikina, E. D. Bukonl. Zhur. VKHO 7 no. 5:502-503 '62.

LUNATIC ASYLUMS see Psychiatric hospitals

LUNGS

Bronchi and the bronchopulmonary segments of the right lung [with summary in English]. A. G. Orlov. Khirurgiia no. 9:84-90 '62.

Effect of pneumoperitoneum on lung tonus. K. A. Kharcheva. K izuch. roli nerv. sist. v pat., immun. i lech. tub. no. 2:360-364 '61.

LUNGS—CANCER

Clinical anatomical parallels in lung cancer [with summary in English]. P. I. Shchukin. Sov. med. 26 no. 8: 67-72 Ag '62.

Timely diagnosis of lung cancer [with summary in English]. IU. D. Shul'ga. Vrach. delo no. 10:86-90 O '62.

LUNGS—COLLAPSE

Effect of the nervous system on the appearance of pulmonary atelectasis in an experiment. A. M. Rabinovich. K izuch. roli nerv. sist. v pat., immun. i lech. tub. no. 2:369-370 '61.

Effect of the nervous system on the rate of resolution of pulmonary atelectasis; an experimental study. A. M. Rabinovich, T. N. Strepetova. K izuch. roli nerv. sist. v pat., immun. i lech. tub. no. 2:377-384 '61.

Middle lobe syndrome [with summary in English]. M. P. Mikhalkin. Khirurgiia no. 9:98-102 '62.

LUNGS—DISEASES

Essential pulmonary hemosiderosis as a cause of pulmonary hemorrhage. A. B. Galitskii, M. G. Revzis. Grud. khir. no. 1:111-113 Jl-Ag '62

Pleuropulmonary complications following transthoracic operations on the esophagus and cardia, clinical X-ray observations [with summary in English]. K. B. Krymova, R. R. Golonzko, T. V. Kotlukova. Grud. khir. no. 4:89-95 Jl-Ag '62.

Pulmonary hemorrhages in hypertension [with summary in English]. IA. D. Bondarenko. Vrach. delo no. 10 40-43 O '62.

Surgical treatment of "sieve lung". N. T. Mitrofanov. Grud. khir. no. 4:106-107 Jl-Ag '62.

LUNGS—DUST DISEASES

Composition of mine dusts and ash from the lungs of silicotuberculosis patients P. I. Tiutin Sbor. trab. po silik. no. 3,129-146 '61.

Dust load on human lungs as a factor in the danger of getting silicosis in mining A. G. IAkimov Sbor. trab. po silik no. 3 33-39 '61

Khamitova, V. Z. [Control measures for silicosis and other pneumoconioses] Silikoz i drugie pnevmokoniozy, mery bor'by s nimi. Alma-Ata, Izd-vo Akad. nauk Kazakhskoi SSR, 1961, 56 p. (DNLM)

Practice of developing, equipping, and studying electric aerosol apparatus for preventing and treating occupational pneumoconiosis. I. A. Nel'son Sbor. trab. po silik. no. 3:163-170 '61.

Results of scientific studies on the technical prevention of silicosis. K. V. Kochnev Sbor. trab. po silik no. 3 3-9 '61.

LUNGS—SURGERY

Bilateral surgical interventions in pulmonary tuberculosis [with summary in English]. N. IA. Batmanov, V. M. Sparovol. Grud. khir. no. 4:71-76 Jl-Ag '62.

Intrapleural hemorrhages following radical pulmonary surgery [with summary in English]. V. R. Ermolaev. Grud. khir. no. 4,78-82 Jl-Ag '62.

Surgical treatment of pulmonary tuberculosis. V. P. Dyakin. Sov. zdrav. Kir. no. 5:10-11 S-O '62.

LUNGS—SURGERY—BIBLIOGRAPHY see Bibliography—Lungs—Surgery

LUNGS—TUMORS

Adenomatosis of the lungs in man. V. D. Akulov. Sov. zdrav. Kir. no. 5 57-59 S-O '62.

LUNGS—WOUNDS AND INJURIES

Case of barotrauma of the lungs R. L. Platonov. Voen.-med. zhur. no 9 83-84 S '61.

LUNGWORMS

(see also subdivision under Poleayo)

Biology of the lungworm, Muellerius capillaris IU. G. Egorov Trudy NIVI 1:160-170 '60.

Therapy of dictyocaulosis and muellerlosis of sheep using ditrazine. IU. G. Egorov, I. G. Morozov. Trudy NIVI 1:174-178 '60

LUNIN, MIKHAIL SERGEEVICH, 1787-1845

Okun', S. B. [Decembrist M. S. Lunin] Dekabrist M. S. Lunin. [Leningrad] Izd-vo Leningr. univ., 1962 277 p.

LUPINE

Gagarin, G. D. [Raising lupine in the U.S.S.R.] Kul'tura lupina v SSSR Munich, In-t po izucheniiu SSSR, 1960. 43 p. (IaU)

Thermal treatment of seeds and the vernalization of yellow fodder lupine. IU. K. Melikhova. Fiziol. rast. 9 no. 5,629-631 '62

LUPINE—TOXICOLOGY

Poisonings of agricultural animals from lupine and the prevention of these diseases. V. S. Khoteev. Trudy NIVI 1 254-259 '60.

LUPUS

Kruchinskii, G. V. [Restorative operations on the face following lupus] Vosstanovitel'nye operatsii na litse posle volchanki. Moskva, Medgiz, 1961. 135 p. (Biblioteka prakticheskogo vracha) (DNLM)

LUTHERAN CHURCH—CLERGY see subdivision under Latvia

LUTSEVICH, IVAN DOMINIKOVICH, 1882-1942

[The literary museum of IAnka Kupala; a concise guide] Litaraturny muzei IAnki Kupaly; karotki davednik. Minsk, Vyd-va Akad. navuk BSSR, 1962. 200 p.

Mozol'kov, E. S. [Yanka Kupala; his life and works] IAnka Kupala; zhizn' i tvorchestvo. 5. izd. Moskva, Gos. izd-vo khudozh. lit-ry, 1961. 278 p. (WU)

LUXEMBURG, ROSA, 1870-1919

How Rosa Luxemburg struggled against revisionism; from her unknown letters to J. Tyszka (L. Yogiches), 1896-1899. Nov. i noveish. ist. no. 5:102-110 '62.

Koralloy, M., comp. [Rosa Luxemburg on literature] Roza Liuksemburg o literature Moskva, Goslitizdat, 1961. 350 p.

LVOV—CITY PLANNING

Work of young architects of Lvov. R. Pilukh. Stroi. i arkhit. 10 no. 9 16 S '62.

LVOV—MEDICINE—STUDY AND TEACHING

Reorganizing educational work in Lvov Medical Institute. L. N. Kuzmenko, V. Z. Martyniuk. Vrach. delo no. 10 132-136 O '62.

LVOV—RADIO CLUBS

We are giving assistance to rural radio amateurs. V. Katsenil. Radio no. 10 16 O '62.

LVOV—RETAIL TRADE

Fashions, tastes, opinions. E. Korshunov. Ogonek 10 no. 23 11-13 Je '62.

LVOV—THEATER

In the Zan'kovetskaia Theater. M. Koralloy. Teatr 23 no. 10:78-85 O '62.

LVOV ECONOMIC REGION—CLOTHING INDUSTRY

Production potentials of the clothing enterprises of Lvov Economic Council V. IA. Kamenetskii Shvein. prom no 5 8-10 S-O '62

LVOV PROVINCE—COLLECTIVE FARMS—ACCOUNTING

Practice in accounting decentralization. M. M. Dzindyk. Uchet i fin. v kolkhoz. i sovkhoz 19 no. 9:24-26 S '62.

LVOV PROVINCE—HISTORICAL MUSEUMS

Museums are our platform V. Konashevich. Komsom. zhizn' no. 12 20-21 Je '62.

LVOV PROVINCE—MACHINERY INDUSTRY

Workers of Lvov machinery plants take part in voluntary inspection. I. IA. Il'nitskii. Mashinostroitel' no. 10 43 O '62.

LVOV PROVINCE—SHEEP BREEDS

Comparative characteristics of metabolism in young sheep of various breeds. V. I. Hondariov. Visnyk sil'hosp. nauky 5 no. 9:77-81 S '62.

LVOV-VOLYN' BASIN—COAL MINES AND MINING—LABOR PRODUCTIVITY

Driving 667 linear meters of drift per month with the ShBM-2 cutter loader. V. D. Kolychev, A. N. Vasil'tsov. Ugol' 37 no. 10:16-18 O '62.

LYNDOCHITE

Find of a crystalline variety of lyndochite. S. A. Gorzhevskaia, G. A. Sidorenko. Dokl. AN SSSR 146 no. 5 1176-1178 O '62.

LYSOZYME

Immunogenesis and nonspecific factors of natural resistance. Report No. 1; Effect of active immunization on the amount of lysozyme in animal saliva [with summary in English]. D. F. Pietsityi and others. Zhur. mikrobiol., epid. i immun. 33 no. 6:112-117 Ag '62.

MACHINE ACCOUNTING

Accounting apparatus and the mechanization of accounting. IA. V. Tiron. Uchet i fin. v kolkhoz. i sovkhoz 19 no 9:19-22 S '62.

In the Methodological Council. Bukhg. uchet 19 no. 6: 75-77 Je '62.

Mechanization is made use of. V. Shishkina. Sots. obesp. 23 no. 10:9-12 O '62.

Mechanize accounting at public-dining enterprises. G. Poplianskii. Bukhg. uchet 19 no. 9:56-61. S '62.

One of the means for mechanizing accounting on collective and state farms. N. F. Bryzgalin Uchet i fin. v kolkhoz. i sovkhoz. 19 no. 10:27-29 O '62.

Practices in machine accounting for labor on collective farms. M. D. Koshliak. Pyt. ekon. sil'. hosp. URSR no. 4: 53-60 '61.

Science aids practice. K. D. Kortikova, A. S. Egorova. Uchet i fin. v kolkhoz. i sovkhoz. 19 no. 10:24-27 O '62.

Special features of mechanizing the accounting for labor and wages on state farms with a diversified economy. M. Rapoport. Bukhg. uchet 19 no. 6 56-61 Je '62.

MACHINE MOLDING (FOUNDING)

Mechanization of the chill casting process. B. M. Novikov. Lit. proizv. no. 10:41-42 O '62.

MACHINE-SHOP PRACTICE

(see also subdivision under Volgograd)

Automatic orientation of parts. A. N. Rabinovich. Vest. mashinostr. 42 no. 10:57-64 O '62.

[illegible] ual [illegible] nd [illegible] 316 p.

Mechanizing the chamfering of noncircular holes. F. G. Makarov. Mashinostroitel' no. 10:6 O '62.

Polikov, S. I. [Stages in developing the processes of machine assembly] Etapy razrabotki tekhnologicheskikh protsessov sborki mashin; opyt raboty zavoda im. Karla Marksa. Leningrad, 1962. 20 p. [Leningradskii dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia: Mekhanicheskaia obrabotka metallov, no. 10)

Production training in a boarding school I. S. Makarenko. Shkola i proizv. 6 no. 10 25-27 O '62.

Training students in the occupation of a fitter. A. I. Vorob'ev. Shkola i proizv. 6 no. 10:13-20 O '62.

MACHINE-SHOP PRACTICE—PRODUCTION STANDARDS

Standardization of technological processes and time norm tables for assembly work. F. Samsonova. Sots. trud 7 no. 8:89-92 Ag '62.

MACHINE-TOOL INDUSTRY

(see also subdivision under Sterlitamak)

Changes in the character and content of the labor of assembly-line machine-tool operators and demands for their training. Kh. Rodriges. Sots. trud 7 no. 10:63-67 O '62.

Surprise of a plastic cone. R. Fedorov. Nauka i zhizn' 29 no. 6:86-90 Je '62.

MACHINE TOOLS

(see also subdivision under Odessa Province)

Determining efficient service life of machine parts. G. D. Vol'pert Mashinostroitel' no. 10:10 O '62.

New machine tools. Stan. i instr. 33 no. 4:42-43 O '62.

Surface quality and durability of rectilinear guides of machine tools. M. O. IAkobson. Trudy Sem. po kach. poverkh. no. 5:348-355 '61.

Zonnenberg, S. M. [Small multipurpose machine tools] Malye agregatnye stanki. Moskva, Mashgiz, 1962. 291 p.

MACHINE TOOLS—MAINTENANCE AND REPAIR

New method for repairing slip rings. A. Chudnovskii, F. Beshadskii. Mashinostroitel' no. 10:12 O '62.

MACHINE TOOLS—NUMERICAL CONTROL

Methods for the compensation of dynamic errors in program controlled machine tools [with summary in English]. B. I. Andreichikov. Avtom. i telem. 23 no 9: 1165-1178 S '62.

Pakidov, P. A. [Program control of lathes and turret machines] Programmnoe upravlenie tokarnymi i revol'vernymi stankami. Moskva, Mashgiz, 1962. 101 p.

MACHINE TOOLS—PNEUMATIC DRIVING

Selecting dimensions for the piping of pneumatic actuating devices. G. V. Kreinin. Stan. i instr. 33 no. 10: 23-26 O '62.

MACHINE TOOLS—PRODUCTION STANDARDS

Calculating the effective cost of a machine/hour. V. G. Chirkov. Mashinostroitel' no. 10:36-37 O '62.

MACHINE TOOLS—TECHNOLOGICAL INNOVATIONS

Modernized 1261P semiautomatic machine. K. N. Kriuchkov, G. N. Serebriakov. Mashinostroitel' no. 10:11 O '62.

MACHINE TOOLS—TESTING

Stand tests of machine-tool drive mechanisms for efficiency and durability. R. M. Pratusevich. Stan. i instr. 33 no. 10:17-20 O '62.

Testing experimental specimens of machine tools. P. G. Vydrin. Stan. i instr. 33 no. 10:12-17 O '62.

MACHINE TOOLS—VIBRATION

Effect of vibration processes on the formation and transformation of lateral and longitudinal roughness. S. P. Semenov. Trudy Sem. po kach. poverkh. no. 5:332-338 '61.

MACHINERY—CONSTRUCTION

Abadzhi, K. I., B. I. Druzhinin, and B. I. Isaev. [Checking relative positions of machine-part surfaces] Kontrol' vzaimnogo raspolozheniia poverkhnostei detalei mashin. Moskva, Mashgiz, 1962. 113 p.

[Machinery manufacture] Ref. zhur.: Mashinostr. no. 21 N '62.

MACHINERY—DESIGN

System of assignments in machinery design as a means of preparing students for creative work. V. F. Kotaev. Dokl. APN no. 3:9-12 '62.

MACHINERY—MAINTENANCE AND REPAIR

Razikov, M. I. [Automatic hard facing and build-up welding in an atmosphere of carbon dioxide] Avtomaticheskaia naplavka v srede uglekislogo gaza. Moskva, Mashgiz, 1962. 211 p.

MACHINERY—VIBRATION

Studying the process of leather and rubber splitting on a splitting machine. Report No. 4; Studying the forced vibrations of the bandknife of the leather splitting machine under magnetic field conditions. V. S. Lebedev, M. M. Maizel'. Izv. vys. ucheb. zav. tekh. leg. prom. no. 4: 126-133 '62.

MACHINERY—WELDING

Economic efficiency of using welded structures. I. P. Lepeiko, L. U. Oleinik. Svar. proizv. no 10:22-23 O '62.

MACHINERY IN INDUSTRY

(see also subdivision under Izhevsk; Kramatorsk; Lvov Province; Minsk; Virgin Territory; Vitebsk)

Indices of the mechanization of labor. IU. Zinov'ev. Vest. stat. no. 10:48-51 '62.

What did we gain from mechanization? L. Morgavisov. Mast. prom. i khud. promys. 3 no. 8:7 Ag '62.

MACHINERY INDUSTRY

Akhmechet, L. S., L. V. Vaizer, and A. R. Chudnovskii. [Use of plastics in technical equipment] Primenenie plasticheskikh mass v tekhnologicheskoi osnastke. Moskva, Mashgiz, 1962. 155 p.

"History of machinery manufacturing in the U S S R." by I A. S Rozenfel'd, K. I. Klimenko. Reviewed by A S Ronson. Ist. SSSR 6 no. 4 152-154 Jl-Ag '62

Karpov, L. D. [Potentials for economy in loading and unloading operations in industry, based on the example of machinery manufacture] Rezervy ekonomii na pogruzochno-razgruzochnykh rabotakh v promyshlennosti, na primere mashinostroeniia. Moskva, Ekonomizdat, 1962. 319 p.

Kudriavtsev, IU. G., V. I. Melamed, and A. S. Myl'nikov. [Production and use of ceramic articles in the machinery industry] Proizvodstvo i primenenie mineralo-keramicheskikh izdelii v mashinostroenii. Pod red. N. F. Kunina i V. I. Melameda. Moskva, Mashgiz, 1962. 157 p.

Program control of automatic machine-tool lines in the machinery industry abroad. S. A. Rozenberg. Biul. tekh.-ekon. inform. Gos. nauch.-issl. inst. nauch. i tekh. inform., no. 10 78-83 '62.

Standardization office at a machinery plant. IU. K. Baruzdin. Standartizatsiia 26 no. 10 45-46 O '62

Technology and the labor of workers. P. Morozov. Agitator no. 23-24-37 D '62.

MACHINERY INDUSTRY—BIBLIOGRAPHY *see* Bibliography—Machinery industry

MACHINERY INDUSTRY—COSTS *see* subdivision under Bryansk

MACHINERY INDUSTRY—LABOR PRODUCTIVITY *see* subdivision under Alma-Ata

MACHINERY INDUSTRY—PRODUCTION STANDARDS (see also subdivision under Donets Basin; Sverdlovsk)

Are such recommendations correct? D. Novikov. Sots. trud 7 no. 10 118-119 O '62.

Establishing technical norms for conveying operations in the machinery industry. B. Z. Mil'ner. Mashinostroitel' no. 10:38-39 O '62.

Establishing work norms for the repair of industrial equipment. M. Desiatkov. Sots. trud 7 no. 8 86-88 Ag '62.

"Handbook for establishing norms in the manufacture of machinery." Vol. 2. Reviewed by S. Boborykin, IA. Kelbert. Sots. trud 7 no. 8 154-156 Ag '62.

Improve the establishment of work norms and planning of conveying work. E. Granovskii, A. Redel'man. Sots. trud 7 no. 10, 86-93 O '62.

Methodology for developing maintenance norms for greasers. A. Denisov. Biul. nauch. inform. trud i zar. plata 5 no. 9-14-19 '62.

MACHINERY INDUSTRY WORKERS *see* subdivision under Japan

MACHINERY INDUSTRY WORKERS—DISEASES AND HYGIENE *see* subdivision under Sverdlovsk

MACHINERY INDUSTRY WORKERS—EDUCATION AND TRAINING

Changes in the character and content of the labor of assembly-line machine-tool operators and demands for their training. Kh. Rodriges. Sots. trud 7 no. 10 O '62.

Training workers with several skills in machinery manufacturing. N. Merkin, M. Loznevaia. Sots. trud 7 no. 10 47-56 O '62.

MACHINERY OPERATORS

The work practices of the leading workers should be followed by all machinery operators. P. Kurgaev. Tekh. v sel'khoz. 22 no. 8:1-3 Ag '62.

MACROMOLECULAR COMPOUNDS

Reactions of an aqueous solution of polyacrolein with inorganic salts. M. M. Koton and others. Dokl. AN SSSR 146 no. 3:608-610 S '62.

MACROMOLECULAR COMPOUNDS—CONGRESSES

From the editors. Neftekhimiia 2 no. 4 425 Jl-Ag '62

MACROSPROIUM *see* subdivision under Maritime Territory

MADAGASCAR—POLITICS AND GOVERNMENT

Madagascar neocolonialism. Mol mira no. 6:18 '61

MADDER

Medicine made from the madder, Rubia tinctorum. L. IA. Skliarevskii. Nauka i zhizn' 28 no. 6:70-71 Je '62

MADERO, FRANCISCO INDALECIO, 1873-1913

"Madero, a victim of Yankee imperialism" [in Spanish] by A. Taracena. Reviewed by E. G. Lapshev. Nov. i noveish. ist. no. 5:155-158 '62.

MADREPORANIA *see* subdivision under Caucasus

MADRID—LIBRARIES

The National Library of Spain. O. K. Kirik. Sov. bibl. no. 4:110-117 '62.

MAGMA

Role of tectonics in the origin of magma of various compositions. M. V. Gzovskii. Biul. MOIP. Otd. geol. 37 no. 3 122 My-Je '62.

MAGNESIUM

Production of magnesium and magnesium-containing fertilizers. M. M. Mazaeva. Zhur. VKHO 7 no. 5: 546-550 '62.

MAGNESIUM—ANALYSIS

Photometric determination of magnesium in the presence of iron. A. K. Babko, N. V. Lutokhina. Ukr. khim. zhur. 28 no. 3 389-393 '62.

Solubility of hydroxyquinolates in organic solvents and the optical properties of solutions. Part 1. Magnesium hydroxyquinolate. T. G. Zharovskii, V. L. Ryzhenko. Ukr. khim. zhur. 28 no. 3 306-309 '62.

MAGNESIUM—ELECTROMETALLURGY

Ways of avoiding manual labor for the removal of sludge from magnesium electrolytic cells. K. D. Muzhzhavlev and others. TSvet. met. 35 no. 10:56-62 O '62.

MAGNESIUM—ISOTOPES

Elastic scattering of 5.45 Mev. protons by magnesium isotopes [with summary in English]. A. P. Klyucharov, N. IA. Rutkevich. Zhur. eksp. i teor. fiz. 43 no. 3: 775-778 '62.

MAGNESIUM-ALUMINUM ALLOYS *see* Aluminum-magnesium alloys

MAGNESIUM BORATES

Aksaite, a new hydrous magnesium borate. L. P. Blazko, V. V. Kondrat'eva, IA. IA. Iatzhemskii. Zap. Vses. min. ob-va 91 no. 4 447-454 '62

MAGNESIUM IN SOILS *see* Soils—Magnesium content

MAGNESIUM-NEODYNIUM ALLOYS—HARDENING

Hardening of alloys in the system magnesium - neodymium by means of thermomechanical treatment. M. E. Drits, Z. A. Sviderskaia, L. L. Rokhlin. Izv. AN SSSR. Otd. tekh. nauk. Met. i topl. no. 5:191-196 S-O '62.

MAGNESIUM-PALLADIUM ALLOYS

Phase diagram of the magnesium - palladium system. E. M. Savitskii, V. F. Terekhova, N. A. Birun. Zhur. neorg. khim. 7 no. 10:2367-2373 O '62.

MAGNESIUM-ZINC ALLOYS

Thermodynamic properties of liquid solutions of the magnesium - zinc system. V. N. Eremenko, G. M. Lukashenko. Ukr. khim. zhur. 28 no. 5 570-571 '62.

MAGNETIC AMPLIFIERS

The UMP-series magnetic amplifiers and BO-type blocks. D. A. Alenchikov, N. L. Marchenko. Vest. elektroprom. 33 no. 11 79-80 N '62.

MAGNETIC ANOMALIES *see* subdivision under Transcarpathia

MAGNETIC CIRCUITS

Internal magnetic susceptibility tensor of a magneto-anisotropic ferromagnetic ellipsoid. IU. M. IAkovlev. Izv. LETI 59 no. 46 179-183 '62

Study of the magnetic field of the auxiliary poles of d. c. machines subject to overloads and shock loads. V. V. Fetisov. Izv. vys. ucheb. zav.; elektromekh. 5 no. 8: 893-704 '62.

MAGNETIC FIELDS

Analysis of the energy spectrum of polarized neutrons using a magnetic field. G. M. Drabkin. Zhur. eksp. i teor. fiz. 43 no. 3:1107-1108 '62.

Dependence of the bipolar diffusion length and of the sum of Hall mobilities of current carriers in p-type InSb on the strength of the magnetic field at room temperature. V. F. Zolotarev, D. N. Nasledov. Fiz. tver. tela 4 no. 4: 977-982 Ap '62.

Drift instability of an inhomogeneous plasma in a magnetic field. B. B. Kadomtsev, A. V. Timofeev. Dokl. AN SSSR 146 no. 3:581-584 S '62.

Effect of a transverse magnetic field on a toroidal discharge. L. A. Artsimovich, K. B. Kartashev. Dokl. AN SSSR 146 no. 6:1305:1308 O '62.

Effect of an external magnetic field on the light characteristics of a pulsed discharge in helium [with summary in English]. S. I. Andreev, M. P. Vanukov, A. T. Starovoitov. Zhur. eksp. i teor. fiz. 43 no. 3:804-807 '62.

Electromagnetic phenomena induced by the motion of a body in a magnetic field [with summary in English]. L. I. Dorman, IU. M. Mikhailov. Zhur. eksp. i teor. fiz. 43 no. 3.752-762 '62.

Helical instability of a toroidal discharge in a variable magnetic field [with summary in English]. A. P. Babichev, A. I. Karchevskii, IU. A. Muromkin. Zhur. eksp. i teor. fiz. 43 no. 3:881-885 '62.

High-frequency magnetic susceptibility of a ferromagnetic dielectric in a longitudinal magnetic field [with summary in English]. R. N. Gurzhi, V. M. TSukernik. Zhur. eksp. i teor. fiz. 43 no. 3:977-983 '62.

Parametric interaction between charged or quasi-neutral objects and nonuniform high-frequency fields [with summary in English]. M. A. Miller. Izv. vys. ucheb. zav., radiofiz. 5 no. 5:928-932 '62.

Plasma clot with variable mass in an external magnetic field. A. K. Musin. Radiotekh. i elektron. 7 no. 10: 1799-1808 O '62.

Possibility for resonance acceleration of charged particles by electromagnetic waves in a constant magnetic field [with summary in English]. V. IA. Davydovskii. Zhur. eksp. i teor. fiz. 41 no. 3:886-888 '61.

Quantum oscillations of the quasi-static conductivity of bismuth in a magnetic field. E. P. Volinskii. Zhur. eksp. i teor. fiz. 44 no. 3:1120-1122 '63.

Quantum theory of the normal skin effect in a magnetic field at low temperatures [with summary in English]. V. V. Andreev, A. M. Konevich. Zhur. eksp. i teor. fiz. 43 no. 3 1060-1067 '62.

Quenching of an arc discharge by a transverse magnetic field. A. A. Potsar, V. V. Chernigovskii. Izv. AN SSSR 57 no. 39-105-111 '59.

Reflection of radiation from a moving plasma in a semiconductor with a current in a magnetic field. G. A. Askar'ian. Zhur. eksp. i teor. fiz. 44 no. 4: 1104-1105 '62.

MAGNETIC FIELDS (COSMIC PHYSICS)

Internal structure of polar corpuscular streams from geomagnetic data. V. I. Afanas'eva, P. I. Mogilevskii, IU. D. Kalinin. Geomag. i aer. 2 no. 1 650-652 Jl-Ag '62.

Magnetic fields on the sun. I. A. Zhulin, U. A. Iudin, E. I. Mogilevskii. Geomag. i aer. 2 no. 1 585-587 Jl-Ag '62.

MAGNETIC MATERIALS

Internal magnetic susceptibility tensor of a magneto-anisotropic ferromagnetic ellipsoid. IU. M. IAkovlev. Izv. LETI 59 no. 46, 179-183 '62.

MAGNETIC MATERIALS—TESTING

Kifer, I. I. [Testing of ferromagnetic materials; magnetic measurements] Ispytaniia ferromagnitnykh materialov; magnitnye izmereniia. Izd. 2., perer. Moskva, Gosenergoizdat, 1962. 543 p.

[MICROFILM]

MAGNETIC MATERIALS—THERMAL PROPERTIES

Effect of a magnetic field on the heat capacity of ferromagnetics at the Curie temperature. V. I. Kurochkin. Izv. vys. uch. zav.; fiz. 3:175-176 '62.

MAGNETIC MEASUREMENTS

Concerning the choice of field excitation frequency for pulse probes used in magnetic flaw detection. I. I. Kifer, M. S. TSeplineva. Izv. vys. ucheb. zav. ;elektromekh. 5 no. 6:687-689 '62.

Kifer, I. I. [Testing of ferromagnetic materials; magnetic measurements] Ispytaniia ferromagnitnykh materialov; magnitnye izmereniia. Izd. 2., perer. Moskva, Gosenergoizdat, 1962. 543 p.

[MICROFILM]

MAGNETIC PROSPECTING

Some information on the effectiveness of using magnetic prospecting methods in searching for primary deposits of diamonds. D. I. Shuvaev. Geol. i geofiz. no. 8 98-103 '62.

Using special points of potential fields in interpretating geophysical data. S. V. Shalaev. Prikl. geofiz. no. 31, 132-154 '62.

MAGNETIC PROSPECTING—ELECTRONIC EQUIPMENT

AMK-T apparatus for logging magnetic susceptibility in transitors. V. A. Meier, V. A. Kuvaldin, B. N. Bogatyrev. Uch. zap. LGU 303, 267-273 '62.

Logging apparatus with magnetic susceptibility. V. P. Kal'varskaia, A. V. Lonskii. Prikl. geofiz. no. 33 213-224 '62.

MAGNETIC RECORDERS AND RECORDING

Tape recorder. A. Markelov. Nauka i zhizn' 29 no. 4, 96-101 Je '62.

Use of tape recordings in radiobroadcasting. Sov. rad. i tel. 6 no. 1:31 '57.

MAGNETIC SEPARATION OF ORES—STUDY AND TEACHING

Experiments on the magnetic concentration of iron ore. A. S. Moskalenko. Khim. v shkole 17 no. 4:60-62 Jl-Ag '62.

MAGNETIC STORMS

Akade[illegible]
pro[illegible]
III[illegible]
zoi[illegible]
nik[illegible]

No. I. [Magnetic and ionospheric disturbances] Magnitno-ionosfernye vozmushcheniia, 1959. 72 p.

Answer to M. S. Bobrov's objection to our remarks concerning his article "Overall planetary picture of magnetic disturbances of corpuscular origin." V. M. Mishin. Geomag. i aer. 2 no. 5:1012 S-O '62.

Aurorae and magnetic activity in the polar region. IA. I. Fel'dshtein. Geomag. i aer. 2 no. 5:851-854 S-O '62

Polar magnetic disturbances. B. E. Brunelli. Geomag. i aer. 2 no. 5:801-821 S-O '62.

Ring current, geomagnetic disturbances, and radiation belts. I. A. Zhulin, L. V. Kovalevskii. Geomag. i aer. 2 no. 5:1018-1020 S-O '62.

Some regularities in daily, seasonal, and latitudinal distributions of magnetic ionospheric disturbances. V. G. Dubrovskii, S. A. Kramarenko. Geomag. i aer. 2 no. 4:737-745 Jl-Ag '62.

MAGNETIC TESTING

Magnetographic method of quality control in pipe welding. B. G. Levin, L. M. Pigaleva. Svar. proizv. no. 10: 15-17 O '62.

Studying the possibility of the magnetic quality control of the hardening and tempering of certain tool steels. I. K. Kupaleva. Fiz. met. i metalloved. 14 no. 4: 529-534 O '62.

MAGNETIC VARIOMETER

Checking the accuracy of variometers in magnetic observatories. V. N. Bobrov. Geomag. i aer. 2 no. 4: 771-776 Jl-Ag '62.

Faults of apparatus used for recording magnetic variations. V. N. Bobrov. Geomag. i aer. 2 no. 4: 767-770 Jl-Ag '62.

MAGNETISM

"Paradox" of magnetism. V. Vasil'ev. Nauka i zhizn' 29 no. 9: 91 S '62.

MAGNETISM, TERRESTRIAL

Algorithms of the construction of analytical representations of observations of magnetic fields on automatic digital computers. N. K. Osipov. Geomag. i aer. 2 no. 5: 903-971 S-O '62.

Aslanian, A. T. [Principles of the quantitative theory of the earth's magnetic field] Osnovy kolichestvennoi teorii magnitnogo polia Zemli. Erevan, Armgosizdat, 1962. 40 p.

Doppler effect in the magnetically active ionosphere. F. E. TSedilina. Geomag. i aer. 2 no. 5: 865-872 S-O '62.

Effect of a local increase in the conductivity of the E-layer of the ionosphere on the S_q variation of the earth's magnetic field. K. G. Ivanov. Geomag. i aer. 2 no. 5: 943-948 S-O '62.

Geometric characteristics of reflections from auroras and their connection with the state of the magnetic pole from observations in Tiksi Bay made from October to December 1958. E. A. Ponomarev. Sbor. rab. po mezhdunar. geofiz. godu no. 1: 67-75 '61.

Magnetic field of the equatorial ring current. N. P. Berkeva, L. O. Tiurmina. Geomag. i aer. 2 no. 4: 635-641 Jl-Ag '62.

[Paleomagnetism; collection of translated articles] Paleomagnetizm; sbornik statei. Moskva, Izd-vo inostr. lit-ry, 1962. 408 p.

Possibility of studying the history of the earth's magnetic pole by the radiometric method. V. V. Artem'ev. Geomag. i aer. 2 no. 4: 792-793 Jl-Ag '62.

Spherical analysis of the constant magnetic field for the epochs 1955 and 1958. N. V. Adam and others. Geomag. i aer. 2 no. 5: 949-962 S-O '62.

Studies on geomagnetism and aeronomy conducted in the Institute of Earth Physics of the Academy of Sciences of the Georgian S. S. R. in 1961. V. V. Kebuladze, N. A. Kalandadze, V. K. Kolava. Geomag. i aer. 2 no. 5: 1015-1017 S-O '62.

Study of errors occurring during the observation of fixed nets in aeromagnetometry. R. T. Vasil'ev. Prikl. geofiz. no. 33: 124-131 '62.

Using the proton resonance method to measure the components of the earth's magnetic pole. V. D. Lomanyi, A. G. Prokof'ev, B. M. IAnovskii. Uch. zap. LGU 303: 3-15 '62.

Variations in the magnetic field at conjugate points. B. E. Brimelli. Geomag. i aer. 2 no. 5: 933-942 S-O '62.

MAGNETISM, TERRESTRIAL—CONGRESSES

Fifth All-Union Conference on Paleomagnetism. A. IA. Vlasov. Sov. geol. 5 no. 10: 132-135 O '62.

MAGNETISM, TERRESTRIAL—DIURNAL VARIATION

Diurnal variation in the intensity of auroras and the S_D variation. G. A. Loginov, M. I. Pudovkin, R. G. Skrynnikov. Geomag. i aer. 2 no. 5: 855-860 S-O '62.

Lunar daily variations of the magnetic field based on observations of the Kazan Observatory. M. N. Faizullin. Geomag. i aer. 2 no. 4: 746-748 Jl-Ag '62.

MAGNETISM, TERRESTRIAL—MAPS see subdivision under Antarctic regions

MAGNETISM, TERRESTRIAL—OBSERVATORIES

Single-component magnetic variation stations. V. N. Bobrov. Geomag. i aer. 2 no. 5: 1001-1007 S-O '62.

MAGNETISM, TERRESTRIAL—SECULAR VARIATIONS see subdivision under Antarctic regions; Baikal Lake region

MAGNETITE CRYSTALS—THERMAL PROPERTIES

Thermal conductivity of natural magnetite crystals at low temperatures. V. L. Sedov, L. V. Solomatina, L. N. Il'chenko. Zhur. eksp. i teor. fiz. 43 no. 3: 1125-1126 '62.

MAGNETIZATION

Investigating the law of magnetization approaching saturation in specimens made of fine ferromagnetic powders. V. V. Parfenov, IU. A. Lobanov, L. V. Shimolin. Fiz. met. i metalloved. 14 no. 4: 503-511 O '62.

Thermodynamic theory of materials presenting the possibility of the coexistence of ferromagnetism and antiferromagnetism. Part 1: Magnetization processes. K. B. Vlasov, A. I. Mitsek. Fiz. met. i metalloved. 14 no. 4: 487-497 O '62.

MAGNETOHYDRODYNAMICS

Excitation of magnetoacoustic waves in a conducting fluid. S. V. Iordanskii. Dokl. AN SSSR 146 no. 3: 557-560 S '62.

Stationary problem in magnetic hydromechanics in the presence of a relation between two coordinates; collision of jets of a conducting fluid. V. S. Tfalich. Izv. AN SSSR, Otd. tekh. nauk, Mekh. i mashinostr. no. 5: 32-38 S-O '62.

MAGNETOHYDRODYNAMICS—CONGRESSES

Problems in theoretical and applied magnetohydrodynamics. M. V. Filippov. Vest. AN SSSR 32 no. 10: 112-113 O '62.

MAGNETOMETER

(see also subdivision under Turkmenistan)

Using the PM-1 proton magnetometer in highly accurate geomagnetic measurements. IU. A. Burtsev. Geomag. i aer. 2 no. 6: 998-1000 S-O '62.

MAGNETOOPTICS

Zeeman effect of indirect excitons in a cuprous oxide crystal. E. F. Cross, B. P. Zakharchenia, V. I. Sibilev. Fiz. tver. tela 4 no. 4: 1003-1008 Ap '62.

MAGNETRONS

Use of adiabatic approximations in analyzing the work of magnetrons and related devices. V. E. Nechaev. Izv. vys. ucheb. zav., radiofiz. 5 no. 5: 1035-1037 '62.

MAGNOLIA

Structure of stomata and epidermal cells in magnolias as related to the taxonomy of the genus Magnolia L. [with summary in English]. M. A. Baranova. Bot. zhur. 47 no. 8: 1108-1115 Ag '62.

MAHONIA

"Berberis and Mahonia, a taxonomic revision" [in English] by L. W. A. Ahrendt. L. N. Silzik. Bot. zhur. 47 no. 8: 1222-1224 Ag '62.

MAIAKOVSKII, VLADIMIR VLADIMIROVICH, 1894-1930

Sergeicheva, A. F. [Atheism in the poetry of Maiakovskii, use of belles-lettres in antireligious propaganda] Ateizm v poezii Maiakovskogo, ob ispol'zovanii khudozhestvennoi literatury v antireligioznoi propagande. [Tula] Tul'skoe knizhnoe izd-vo, 1960. 46 p. (Biblioteka v pomoshch' uchiteliu)

MAIZE see Corn (Maize)

MAKHACHKALA—RAILROADS—EMPLOYEES

Useful proposals of Makhachkala Division track workers. IU. IA. Koniakhin. Put' i put. khoz. 6 no. 9: 31-32 '62.

MAKHACHKALA REGION—EARTHQUAKES

Seismic activity of the city of Makhachkala. V. N. Tabulevich. Trudy inst. fiz. Zem. no. 22. Vop. inzh. seism. no. 7: 46-52 '62.

MAKHNEVO DISTRICT—DIATOMS, FOSSIL

New species of the genus Poretzkia Jouse (Bacillariophyta) from Paleocene sediments of the eastern slope of the Ural Mountains. Z. I. Glezer. Bot. mat. Otd. spor. rast. 15: 32-34 Ja '62.

MAKSIMOV, NIKOLAI ALEKSANDROVICH, 1880-1952

Tenth anniversary of the death of the great Soviet scientist Academician N. A. Maksimov. V. G. Kochankov. Izv. AN SSSR. Ser. biol. no. 5: 797-798 S-O '62.

MALAGASY REPUBLIC—POLITICS AND GOVERNMENT

Korneev, L. A. [Governmental structure of the Malagasy Republic] Gosudarstvennyi stroi Mal'gashskoi Respubliki. Moskva, Gosiurizdat, 1961. 59 p. (CStmoR)

MALARIA—PREVENTION

Unselfish aid. V. A. Nabokov. Zdorov'e 8 no. 11: 11 N '62.

MALAYA—LABOR AND LABORING CLASSES

Zherebilov, V. A. [The laboring class of Malaya] Rabochii klass Malaii. Moskva, Izd-vo vostochnoi lit-ry, 1962. 236 p.

MALEIC ANHYDRIDE

Condensation of 3-(4-methoxyphenyl)-2-cyclohexen-1-one with maleic anhydride. A. A. Akhrem, I. S. Levina, IU. A. Titov. Izv. AN SSSR. Otd. khim. nauk no. 10: 1891-1893 O '62.

Production of maleic anhydride from petroleum gases. IU. D. Kernos, B. L. Moldavskii. Neftekhimiia 2 no. 4: 519-523 Jl-Ag '62.

MALI—TECHNICAL ASSISTANCE, RUSSIAN

Under the shade of a freedom tree. V. Zakharchenko. Sov. Soiuz no. 11: 47 '62.

MALLOW—DISEASES AND PESTS see subdivision under Transcaucasia

MALTA—HISTORY

Chronology of the ancient culture of Malta. L. A. El'nitskii. Vop. ist. no. 10: 199-200 O '62.

MAMA-CHUYA DISTRICT—ROCKS, CRYSTALLINE AND METAMORPHIC

Metamorphic complex of rocks in the Mama crystalline zone. V. F. Vasil'eva. Izv. vys. uch. zav.; geol. i razv. 5 no. 7: 65-75 Jl '62.

MAMADYSH DISTRICT—DIATOMS, FOSSIL

A new species of the genus Stephanodiscus Ehr. from Pliocene sediments of the lower Kama. L. A. Kuptsova. Bot. mat. Otd. spor. rast. 15: 37-38 Ja '62.

MAMMALS

(see also subdivision under Kama Valley; Volga Valley)

"Mammals of the Soviet Union. Vol. 1: Artiodactyla and perissodactyla" by V. G. Geptner, A. A. Nasimovich, A. G. Bannikov. Reviewed by P. B. IUrgenson. Biul. MOIP. Otd. biol. 67 no. 5: 139-142 S-O '62.

MAMMALS—EMBRYOLOGY see Embryology—Mammals

MAMMALS—PHYSIOLOGY

Slonim, A. D. [Specialized ecological physiology of mammals] Chastnaia ekologicheskaia fiziologiia mlekopitaiushchikh. Moskva, Izd-vo Akad. nauk SSSR, 1962. 496 p.

MAMMALS, FOSSIL see subdivision under Moldavia

MAMYT VALLEY—GEOLOGY, STRATIGRAPHIC

Stratigraphy of coal-bearing sediments in the Vostochnoural'sk deposit of the Southern Urals. M. M. Bezhaev. Trudy Gor.-geol. inst. UFAN SSSR no. 61: 115-118 '61.

MAMYT VALLEY—LIGNITE

Stratigraphy of coal-bearing sediments in the Vostochnoural'sk deposit of the Southern Urals. M. M. Bezhaev. Trudy Gor.-geol. inst. UFAN SSSR no. 61: 115-118 '61.

MAN—CONSTITUTION

Bashkirov, P. N. [Study on the physical development of man] Uchenie o fizicheskom razvitii cheloveka. [Moskva] Izd-vo Mosk. univ., 1962. 339 p.

MAN—INFLUENCE OF ENVIRONMENT

Influence of a rapid change in climatic and geographic conditions on some physiological functions of the body. V. G. Volevich. Voen.-med. zhur. no. 9: 84-85 S '61.

MANGANESE

Mercury derivatives of cyclopentadienyl and methylcyclopentadienylmanganese tricarbonyl. A. N. Nesmeianov, K. N. Anisimov, Z. P. Valueva. Izv. AN SSSR. Otd. khim. nauk no. 9: 1683-1684 S '62.

MANGANESE—ANALYSIS

Complexometric determination of copper, cobalt, and manganese. I. M. IUrist, P. G. Shalkovo. Zav. lab. 28 no. 10: 1183-1184 '62.

MANGANESE—METALLURGY

Pyrometallurgical dephosphorization of manganese ores. V. S. Zel'din, V. F. Vlasenko. Stal' 22 no. 10: 917-918 O '62.

MANGANESE CARBONATE CRYSTALS

Shifting of the Curie point of manganese and cobalt carbonates under hydrostatic pressure. D. N. Astrov, G. A. Kytin, M. P. Orlova. Fiz. tver. tela 4 no. 4: 1055-1057 Ap '62.

MANGANESE-NICKEL ALLOYS

Creep rate of the MnNi3 compound as dependent on the equilibrium state. I. I. Kornilov, N. M. Matveeva. Dokl. AN SSSR 146 no. 3: 642-643 S '62.

MANGANESE ORES see subdivision under Nikopol' region

MANGANESE OXIDE

Effect of ethyl alcohol on the sorption of strontium ions by active manganese dioxide. IU. V. Egorov, V. V. Pushkarev, E. V. Tkachenko. Radiokhimiia 4 no. 3: 371-373 '62.

MANGANESE STEEL

Solution and formation of niobium carbide in low-carbon manganese steel. V. R. Golik and others. Fiz. met. i metalloved. 14 no. 4: 555-558 O '62.

MANGYSHLAK PENINSULA—GEOLOGY, STRUCTURAL

Tectonics and basic characteristics of the development of the structural plan in the South Mangyshlak Plateau [with summary in English]. A. S. Stoliarov, A. E. Shlezinger. Biul. MOIP. Otd. geol. 37 no. 3: 3-26 My-Je '62.

MANIC-DEPRESSIVE PSYCHOSES

Atypical forms of the manic-depressive psychosis and their delimitation from schizophrenia. V. V. Kryzhanovskaia. Trudy Gos. nauch.-issl. inst. psikh. 27: 55-59 '61.

MANN, HEINRICH, 1817-1950

An unknown article by Heinrich Mann. N. S. Isaev, F. I. Sharonov. Ist. arkh. 8 no. 4: 197-202 Jl-Ag '62.

MANNICH REACTION

Synthesis of vinyl ketones with the aid of the Mannich reaction. A. M. Shur. Neftekhimiia 2 no. 4: 600-603 Jl-Ag '62.

MANOMETER

Determination of low speeds of air flow by means of a Pitot tube with the aid of a differential manometer. A. N. Efremov. Izv. vys. uch. zav.; fiz. 3: 33-34 '62.

High sensitivity manometer. IU. Konfetkin. IUn. tekh. 7 no. 10: 75-78 O '62.

MANOMETER (Continued)
Magnetoelastic manometer for controlling the pressure of pulps and suspensions. M. N. Gumanuk, A. V. Novikov. Priborostroenie no. 10 26-27 O '62.
Testing and calibrating electronic ionization manometers. A. V. Eriukhin. Izm. tekh. no. 10 16-20 O '62.

MANUAL TRAINING
Conducting the Olympiad of manual training. V. V. Kroshkin. Shkola i proizv. 6 no. 10 72-73 O '62.
Improving the qualifications of manual training teachers. A. F. Kriuchkov. Shkola i proizv. 6 no. 10 62-65 O '62.
Krapivintseva, S. L., and others. [Adolescents' capacity for work and the work schedule of production training] Rabotosposobnost' podrostkov i rezhim truda pri proizvodstvennom obuchenii. Moskva, Profizdat, 1962. 109 p.
Methodological work with the manual training teachers. K. P. Korolev. Shkola i proizv. 6 no. 10 65-67 O '62.

MANUAL TRAINING—AUDIO-VISUAL AIDS
Use of a technical drawing, sketch and mechanical drawing in work training. V. A. Bitiutskii. Shkola i proizv. 6 no. 10 35-36 O '62.

MANUFACTURES see subdivision under Russia; Uzbekistan

MANUFACTURES—ABSTRACTS
[Light industry] Ref. zhur. Leg. prom. nos. 21-22 N '62.

MANUSCRIPTS—CATALOGS
"A catalog of the collection of Russian manuscripts in the Hermitage." Reviewed by I. B. Ist. SSSR 6 no. 4, 184 Jl-Ag '62.

MANUSCRIPTS, ARMENIAN
"A catalogue of the Armenian manuscripts with an introduction on the history of Armenian art" [in English]. Vols. 1-2. Reviewed by T. A. Izmailova. Viz. vrem. 21 252-259 '62.

MANUSCRIPTS, AZERBAIJANI
Certain words in the literary legacy of the Azerbaijani language of the 16th century [in Azerbaijani with summary in Russian]. M. Sh. Ragimov. Izv. AN Azerb. SSR Ser. obshchestv. nauk no. 8 41-48 '62.

MANUSCRIPTS, COPTIC
"Coptic manuscripts of the State Hermitage" and "Coptic manuscripts of the S. S. Pushkin Museum of Pictorial Art" by P. V. Ernshtedt. Reviewed by M. E. Matle, I. F. Fikhman. Viz. vrem. 21 218-235 '62.

MANUSCRIPTS, GREEK see subdivision under France

MANUSCRIPTS, SLAVIC
Rogov, A. I. [Information on the smaller collections of Slavic-Russian manuscripts in the U. S. S. R.] Svedeniia o nebol'shikh sobraniiakh slaviano-russkikh rukopisei v SSSR. Moskva, Izd-vo Akad. nauk SSSR, 1962. 298 p.

MANUSCRIPTS, TURKMEN
Description of the manuscripts of the folk poem "Shasenem and Garib." D. Mamedkuliev. Izv. AN Turk. SSR. Ser. obshchestv. nauk no. 5 98-99 '62.

MAP PRINTING
Brief news. Geod. i kart. no. 9, 77 S '62.

MAPS
"Maps of the industry of economic administrative regions" by E. L. Gurari. Reviewed by N. V. Grinberg. Geod. i kart. no. 9, 75-77 S '62.
Series of desk reference maps. V. M. Gokhman. Geod. i kart. no. 9 63-66 S '62.

see Bibliography—Maps

MAPS, TOPOGRAPHIC
Egorov, V. V., O. V. Sokolov, and L. V. Tarnovskii. [Compiling and editing maps] Sostavlenie i redaktirovanie kart. Moskva, Geodezizdat, 1962. 238 p.

MARDZHANOV, KONSTANTIN ALEKSANDROVICH, 1873-1933
Forestalling the years. K. K. Mardzhanishvili. Ogonek 40 no. 44:26 O '62.

MARE'S TAIL
Transitional anatomical structures in the leaves of Hippuris vulgaris L. Report No. 3: Transitional anatomical structures and the development of leaf tissues in ontogenesis [with summary in English]. E. Zh. Tron. Bot. zhur. 47 no. 8:1100-1107 Ag '62.

MARINE BIOLOGY see subdivision under Arctic regions

MARINE BOILERS see Boilers, Marine

MARINE DIESEL ENGINES
Abrasive wear of cylinder bushings of marine diesel engines. V. S. Semenov. Izv. vys. ucheb. zav., mashinostr. no. 5:130-134 '62.
Analyzing basic results of the tests of the S 5PGG gas-turbine unit of the "Pavlin Vinogradov" lumber carrier. A. G. Kurzon. Izv. vys. ucheb. zav., mashinostr. no. 5: 84-84 '62.
Electric stand for the running-in and testing of marine diesels. V. Voloshin, N. Orlov, M. Taradin. Rech. transp. 21 no. 10:35-37 O '62.
Use of medium speed diesels on heavy tonnage ships [from "Marine Engineering and Naval Architect," no. 9, 1961]. S. S. Epshtein. Sudostroenie 28 no. 9 71 S '62.

MARINE DIESEL ENGINES—TESTING see subdivision under Great Britain

MARINE ENGINEERING
Adjustment of automatic regulators of engine and boiler plants. B. G. Shul'man. Sudostroenie 28 no. 9 60-61 S '62.
Crank shaft adjustment by the position of crank arms for various crank angles. A. E. Bedikian. Sudostroenie 28 no. 9 40-43 S '62.
Use of cybernetic devices on ships. I. S. Eremeev. Sudostroenie 28 no. 9 67-69 S '62.
Zbrozhek, V. V. [Automatic control of ship systems] Avtomatika sudovykh sistem. Leningrad, Sudpromgiz, 1962. 145 p. [MICROFILM]

MARINE ENGINEERING—BIBLIOGRAPHY see Bibliography—Marine engineering

MARINE ENGINEERING—STANDARDS
Standardization and normalization in the Far-Eastern basin. V. Rybin. Mor. flot 22 no. 10:36-37 O '62.

MARINE ENGINEERING—STUDY AND TEACHING
Examination projects dictated by life. Mor. flot 22 no. 10:46 O '62.

MARINE ENGINES
Golubchenko, A. I., and T. E. Epel'man. [Marine power plants] Sudovye silovye ustanovki. Leningrad, Sudpromgiz, 1962. 512 p.

MARINE ENGINES—MAINTENANCE AND REPAIR
Studying and standardizing the wear of the principal parts of internal combustion engines. V. G. Nikolaev. Sudostroenie 28 no. 9:56-59 S '62.

MARINE GAS TURBINES
New type of engine and seagoing ships on underwater wings. A. N. Vnshedchenko. Sudostroenie 28 no. 9 12-14 S '62.
Some characteristics of operations of axial-flow and radial-flow turbines in marine gas-turbine units with free-piston gas producers. A. D. Mozheritskii, G. Sh. Rosenberg. Izv. vys. ucheb. zav., mashinostr. no. 5: 108-112 '62.

MARINE TURBINES
Golubchenko, A. I., and T. E. Epel'man. [Marine power plants] Sudovye silovye ustanovki. Leningrad, Sudpromgiz, 1962. 512 p.

MARITIME CONTRACTS see Contracts, Maritime

MARITIME LAW
(see also subdivision under France, Great Britain)
Acts, claims, and lawsuits. Inform. sbor. TSNIIMF no. 46 Mor. pravo i prak. no. 8:44-57 '60.
Brief news. Inform. sbor. TSNIIMF no. 46 Mor. pravo i prak. no. 8:83-85 '60.
Coordination of Soviet maritime laws with the rules governing inland water transportation; as related to the proposed new code of maritime law. M. E. Khodunov. Inform. sbor. TSNIIMF no. 46 Mor. pravo i prak. no. 8:32-37 '60.
Decisions of foreign courts. Inform. sbor. TSNIIMF no. 46 Mor. pravo i prak. no. 8:68-71 '60.
Decisions of Soviet courts. Inform. sbor. TSNIIMF no. 46 Mor. pravo i prak. no. 8:66-68 '60.
A few words about the interpretation of Articles 60 and 241 of the code of maritime transportation by the State Arbitration Agency attached to the Council of Ministers of the U. S. S. R. K. I. Aleksandrova, G. V. Timofeev. Inform. sbor. TSNIIMF no. 71 Mor. pravo i prak. no. 15: 3-5 '61.
How international law protects human life on the sea. V. F. Meshera. Inform. sbor. TSNIIMF no. 46 Mor. pravo i prak. no. 8:3-5 '60.
International convention for the unification of certain rules relating to the arrest of seagoing ships; signed in Brussels on May 10, 1952. Inform. sbor. TSNIIMF no. 46 Mor. pravo i prak. no. 8:58-65 '60.
Legal determination of the "bodies of water." S. A. Malinin. Inform. sbor. TSNIIMF no. 46 Mor. pravo i prak. no. 8:13-19 '60.
"Liability of transportation agencies for the loss of freight according to Soviet law" by A. L. Makovskii. Reviewed by G. L. Shmigel'skii. Inform. sbor. TSNIIMF no. 46 Mor. pravo i prak. no. 8:79-82 '60.
Some functions of the local agents for Soviet ships in foreign ports. N. N. Vinogradov. Inform. sbor. TSNIIMF no. 71 Mor. pravo i prak. no. 15:17-21 '61.
"Some legal and technical problems of the maritime transportation of freight" [in Rumanian] by Ch. Bibicescu. Reviewed by A. IA. Vorokhobskii. Inform. sbor. TSNIIMF no. 71 Mor. pravo i prak. no. 15:71-72 '61.
Structure of the maritime code of the U. S. S. R. L. M. Egorov. Inform. sbor. TSNIIMF no. 46 Mor. pravo i prak. no. 8:28-32 '60.

MARITIME PROVINCE—ALTERNARIA
New species of Macrosporium Fr. and Alternaria Nees from the Maritime Territory. E. S. Nelen. Bot. mat. Otd. spor. rast. 15, 142-152 Ja '62.

MARITIME TERRITORY—COAL—ELECTRIC PROPERTIES
Relationship between the electroconductivity of fossil coals in the southern Maritime Territory and geological factors [with summary in English]. S. A. Toporets. Geol. i geofiz. no. 8 60-66 '62.

MARITIME TERRITORY—DESCRIPTION AND TRAVEL
Khalileteskii, G. G. [Sun service; sketches] Sluzhba Solntsa; ocherki. Vladivostok, Primorskoe knizhnoe izd-vo, 1961. 118 p. (MH)

MARITIME TERRITORY—ECONOMIC CONDITIONS
On the shores of the Pacific Ocean. Ukraina no. 21:11 N '62.

MARITIME TERRITORY—GEOLOGY, STRATIGRAPHIC
New data on the stratigraphy and paleogeography of Permian marine sediments in the southern Maritime Territory. V. K. Eliseeva. Sov. geol. 5 no. 10, 28-38 O '62.

MARITIME TERRITORY—GOITER
Soil fertilization with iodine resources of the Maritime Territory as a prophylactic measure against endemic goiter [with summary in English]. G. P. Gurevich. Izv. AN SSSR. Ser. biol. no. 5:781-786 S-O '62.

MARITIME TERRITORY—MACROSPORIUM
New species of Macrosporium Fr. and Alternaria Nees from the Maritime Territory. E. S. Nelen. Bot. mat. Otd. spor. rast. 15, 142-152 Ja '62.

MARITIME TERRITORY—ORE DEPOSITS
Radkevich, E. A., I. N. Tomson and G. M. Lobanova. [Geology and metallogeny of typical ore regions in the Maritime Territory] Geologiia i metallogeniia tipovykh rudnykh raionov Primor'ia. Moskva, Izd-vo. Akad. nauk SSSR, 1962. 128 p. (Akademiia nauk SSSR, Institut geologii rudnykh mestorozhdenii, petrografii, mineralogii i geokhimii. Trudy, no. 68)

MARITIME TERRITORY—PALEOGEOGRAPHY
New data on the stratigraphy and paleogeography of Permian marine sediments in the southern Maritime Territory. V. K. Eliseeva. Sov. geol. 5 no. 10:28-38 O '62.

MARITIME TERRITORY—PASTURES AND MEADOWS
IAroshenko, P. D. [Hayfields and pastures of the Maritime Territory, geobotanical and economic characteristics] Senokosy i pastbishcha Primorskogo kraia; geobotanicheskaia i khoziaistvennaia kharakteristika. Moskva, Izd-vo Akad. nauk SSSR, 1962. 136 p. (DNAL)

MARITIME TERRITORY—RICKETTSIAL DISEASES
History of the study of tick-borne rickettsial diseases in the Maritime Territory. G. P. Somov. Zhur. mikrobiol. epid. i immun. 33 no. 4:42-47 Ap '62.

MARITIME TERRITORY—ZOOLOGY
"In the shelters of Usurian relicts" by A. I. Kurentsov. Reviewed by O. L. Kryzhanovskii. Ent. obozr. 41 no. 3: 716-717 '62.

MARKETING
Abaturov, A. I. [Marketing expenses in retail trade] Izderzhki obrashcheniia v roznichnoi torgovle. Izd. 2., perer. Moskva, Gostorgizdat, 1962. 194 p.

MARKING DEVICES
Screen printing in the manufacture of instruments. B. I. Biletskii. Priborostroenie no. 10:23-25 O '62.

MARKOFF PROCESSES see Markov processes

MARKOV ANDREI ANDREEVICH, 1856-1922
The "unreliable" academician; the 50th anniversary of A. A. Markov's separation from the church. U. Margulis. Nauka i rel. no. 5:84-86 My '62.

MARKOV CHAINS see Markov processes

MARKOV PROCESSES
Itô's stochastic equations and degenerating elliptic equations. M. I. Freidlin. Izv. AN SSSR. Ser. mat. 26 no. 5:653-676 S-O '62.
Markov system equations [with summary in English]. IU. P. Leonov. Avtom. i telem. 23 no. 9:1141-1143 S '62.
Thermodynamics of nonlinear fluctuation and dissipation processes. R. L. Stratonovich. Vest. Mosk. un. Ser. 3: Fiz., astr. 17 no. 5:16-29 S-O '62.

MARMOTS see subdivision under At-Bashi District

MARR, NIKOLAI IAKOVLEVICH, 1864-1934
Kapantsian, G. A. [Principles of the genealogical classification of languages and a criticism of N. Marr's views on the development of languages by stages] Osnovy genealogicheskoi klassifikatsii iazykov i kritika vzgliadov N. Marra na stadial'nost' razvitiia iazyka. Erevan, Akad. nauk Armianskoi SSR, 1961. 24 p. (MH)

MARRIAGE

Christian mysteries: Marriage. A. Ranovich. Nauka i rel. no. 5:38-40 My '62

When the heart is silent.... V. Nemisov. Smena 39 no. 20:20-21 O '62.

MARRIAGE CUSTOMS AND RITES see subdivision under Buryat-Mongolia

MARROW

Data from morphological and histochemical studies of the bone marrow and peripheral blood of schizophrenics. D. L. Burtianskii. Trudy Gos. nauch.-issl. inst. psikh. 27:162-168 '61.

MARROW—CANCER

Treatment with sarcolysine of myelomic disease. G. L. Doroshenko, L. N. Pliasova. Vrach. delo no. 10:145-146 O '63.

MARROW—PRESERVATION

Preservation of bone marrow. V. A. Revis. Voen.-med. zhur. no. 9:24-26 S '61

MARROW—TRANSPLANTATION

Course of severe acute radiation sickness following intravenous administration of bone marrow (experimental study). A. P. Burkalov, I. IA. Vozniuk, M. B. Balaban. Voen.-med. zhur. no. 9:23 S '61

Treatment of acute radiation sickness with homoplastic bone marrow. G. V. Tumanov and others. Voen.-med. zhur. no. 9:21-22 S '61

MARS (PLANET)

Physical conditions on Mars. N. P. Barbashov. Vest. AN SSSR 32 no. 10:18-25 O '62.

MARS PROBES

Revealing the secrets of the universe. M. IArov-IAlovoi. Agitator no. 22:16-17 N '62.

Toward Mars! Agitator no. 22:15 N '62.

MARSHAK, SAMUIL IAKOVLEVICH, 1887-

Outstanding writer. M. Lysych. Ukraina no. 21:8 N '62.

Samuil IAkovlevich Marshak is 75 years old. Sergeĭ Mikhalkov. Ogonek 40 no. 44:17 O '62.

MARTOV, IULII OSIPOVICH, 1873-1923

Geisler, I. M., comp. [Articles dedicated to IU. O. Martov] Stat'i, posviashchennye IU. O. Martovu. New York, Interuniversity Project on the History of the Menshevik movement, 1961 55 p.
(MH) (NNC)

MARX, KARL, 1818-1883

Books once belonging to K. Marx and F. Engels now in the collections of the Leningrad Public Library; characteristics of N. F. Daniel'son's library. TS. I. Grin. Trudy [Len.] publ. bibl. 10:15-32 '62.

Fridlender, G. M. K. Marx and F. Engels and problems of literature] K. Marks i F. Engel's i voprosy literatury. Moskva, Goslitizdat, 1962. 575 p.

"Karl Marx" by Galina Serebriakova. Reviewed by L. IAkobson. Part. zhizn' no. 21:73-76 N '62.

Karl Marx on the Franco-Prussian War of 1870-1871. Nov. i noveish. ist. no. 4:3-6 '62.

"Marx and Engels on the eve of the Revolution of 1848; the working out of political directives for the German Communists, 1846-1848" [in German] by H. Foerder. Reviewed by M. I. Mikhailov. Nov. i noveish. ist. no. 4: 171-173 '62.

The 144th anniversary of K. Marx's birth. V. A. Smirnova. Nov. i noveish. ist. no. 5:176-177 '62.

Serebriakova, G. I. [Karl Marx] Karl Marks. Moskva, Izd-vo "Molodaia gvardiia," 1962. 688 p. (Zhizn' zamechatel'nykh liudei. Seriia biografii, no. 9[342])

MARX, KARL, 1818-1883—MUSEUMS, RELICS, ETC.

Museum of the founders of Marxism. Nov. i noveish. ist. no. 4:7-11 '62.

MASERS

Light locator in space. V. Chernyshev. Av. i kosm. 45 no. 6:23-30 '62

MASONRY

Shteinguz, I. Sh., and A. I. Melik-Parsadanova. [Masonry work] Proizvodstvo kamennykh rabot. Moskva, Profizdat, 1962. 210 p.

MASS BCG VACCINATION see BCG vaccination

MATERIA MEDICA, ANIMAL

Vinogradova, T. V., and G. P. Zaitsev, eds. [The bee and human health] Pchela i zdorov'e cheloveka. Moskva, Izd-vo M-va sel'khoz. RSFSR, 1962. 190 p.
(DNLM)

MATERIA MEDICA, VEGETABLE

Medicine made from the madder, Rubia tinctorum. L. IA. Sklifasovskii. Nauka i zhizn' 29 no. 8:70-71 Je '62.

MATERIALS, EFFECT OF RADIATION ON

Soveshchanie po probleme "Deistvie iadernykh izluchenii na materialy." Moscow, 1960. [Effect of nuclear radiation on materials; reports] Deistvie iadernykh izluchenii na materialy; [doklady] Moskva, Izd-vo Akad. nauk SSSR, 1962. 303 p.

Using irradiation procedures for surface hardening of metals. P. E. D'iachenko and others. Trudy Sem. po kach. poverkh. no. 5:27-31 '61.

MATERIALS HANDLING

Carts for the transportation of flour and dough troughs. A. I. Pasivkin. Khleb. i kond. prom. 6 no. 10:44-45 O '62.

Improve the establishment of work norms and planning of conveying work. E. Granovskii, A. Redel'man. Sots. trud 7 no. 10:86-93 O '62.

MATERIALS HANDLING—ABSTRACTS

[Industrial transportation] Ref. zhur.: Prom. transp. no. 11 N '62

MATERNITY HOMES—ACCOUNTING

Improved efficiency in medical documentation in the maternity home. O. V. Polianskaia, E. I. Fuks. Sov. zdrav. 21 no. 10:58-59 '62.

MATHEMATICAL ANALYSIS

"Mathematical analysis" by N. B. Khalimov. Reviewed by G. Babaev. Trudy AN Tadzh. SSR 109 147-148 '61.

MATHEMATICAL ECONOMICS see Economics, Mathematical

MATHEMATICAL LINGUISTICS

Akademiia nauk SSSR. Institut russkogo iazyka. [Problems of structural linguistics] Problemy strukturnoi lingvistiki. Moskva, Izd-vo Akad. nauk SSSR, 1962. 222 p.

Akademiia nauk SSSR. Institut slavianovedeniia. [Structural-typological studies] Strukturno-tipologicheskie issledovaniia; sbornik statei. Moskva, Izd-vo Akad. nauk SSSR, 1962. 297 p.

MATHEMATICAL MODELS

Kadyshevskii, V. G. [Model for the scalar field theory in quantized space-time] Model' skalarnoi teorii polia v kvantovannom prostranstve-vremeni. Dubna, Ob"edinennyi in-t iadernykh issl., 1962. 8 p.

Mathematical model of the technical, industrial and financial plan of a mineral fertilizer plant. V. Gromov. Nauch. dokl. vys. shkoly, ekon. nauki no. 5:61-77 '62.

A model in quantum field theory. V. D. Kukin, A. R. Frenkin. Dokl. AN SSSR 146 no. 5:1051-1057 O '62.

MATHEMATICAL PHYSICS

Sobolev, S. L. [Some applications of functional analysis in mathematical physics] Nekotorye primeneniia funktsional'nogo analiza v matematicheskoi fizike. Novosibirsk, Izd-vo Sibirskogo otd-niia AN SSSR, 1962. 254 p.

MATHEMATICAL RECREATIONS

To the sound of wheels. Nauka i zhizn' 29 no. 9:94 S '62.

MATHEMATICAL SOCIETIES see subdivision under Tajikistan

MATHEMATICAL STATISTICS

Akademiia nauk SSSR. Otdelenie ekonomicheskikh, filosofskikh i pravovykh nauk. [Mathematical statistics] Matematicheskaia statistika. Moskva, Izd-vo Akad. nauk SSSR, 1962. 332 p.
(DDC)

Practical criterion on the correspondence of theoretical and experimental distribution of a random magnitude. IA. I. Dubinin, A. N. Lebedev, V. P. IAtsenko. Izv. LETI 59 no. 46:106-117 '62.

Shreider, IU. A., and others. [The method of statistical tests; Monte Carlo method] Metod statisticheskikh ispytanii; metod Monte-Karlo. Pod red. IU. A. Shreidera. Moskva, Fizmatgiz, 1962. 331 p. (Spravochnaia matematicheskaia biblioteka)

Some types of statistics generating zonal similarity [with summary in English]. I. L. Romanovskaia. Vest. LGU 17 no. 19:153-156 '62.

Study of the relationship between the mechanical properties of steel and its composition by the method of mathematical statistics. V. A. Chernikov. Zav. lab. 28 no. 10 1217-1220 '62.

MATHEMATICS
(see also subdivision under Tajikistan)

"Einstein and the development of physical and mathematical thought." Reviewed by L. I. Storchak. Vest. AN SSSR 32 no. 10:118-118 O '62.

Perel'man, IA. I. [Living mathematics; mathematical stories and puzzles] Zhivaia matematika; matematicheskie rasskazy i golovolomki. Izd. 7. Moskva, Fizmatgiz, 1962. 183 p.

Space and mathematics. A. Gel'fond. Av. i kosm. 45 no. 9:83-84 '62.

MATHEMATICS—ABSTRACTS

[Mathematics] Ref. zhur.: Mat. Sistematicheskii i predmetnyi ukazateli za 1961.

MATHEMATICS—DICTIONARIES

Kramer, A. A. Russko-angliiskii matematicheskii slovar'. Russian-English mathematical dictionary. [Trenton, N.J., Author, 1961] 123 p.

MATHEMATICS—PHILOSOPHY

Mathematical hypothesis [with summary in English, p. 181] I. V. Kuznetsov. Vop. filos. 16 no. 10:82-94 '62.

MATHEMATICS—PROBLEMS, EXERCISES, ETC.

Mathematical olympiad. Nauka i zhizn' 29 no. 9:105, 108-109 S '62.

Solomonik, V. S., and P. N. Milov. [Collection of questions and problems in mathematics, a manual for applicants to special institutions of secondary education (technical, professional, and general schools)] Sbornik voprosov i zadach po matematike; posobie dlia postupaiushchikh v srednie spetsial'nye uchebnye zavedeniia (tekhnikumy, uchilishcha, shkoly). Moskva, Vysshaia shkola, " 1961. 221 p.

What problems are given on competitive examinations? V. Zobnin. Nauka i zhizn' 29 no. 8:111-112 Je '62.

MATHEMATICS—STUDY AND TEACHING

Forms of teachers' work in teaching students to solve problems. IU. I. Gol'dberg. Dokl. APN no. 3:31-34 '62.

Retraining of grades 9-11 mathematics teachers of the schools with industrial training. A. M. Kolchashev. Shkola i proizv. 6 no. 10:68-69 O '62.

Russia (1917- R.S.F.S.R.) Ministerstvo prosveshcheniia. [Programs of the eight-year school; mathematics] Programmy vos'miletnei shkoly; matematika. Moskva, Uchpedgiz, 1962. 28 p.

Russia (1917- R.S.F.S.R.) Ministerstvo prosveshcheniia. [Secondary school programs for the 1962-1963 school year; mathematics] Programmy srednei shkoly na 1962/63 uchebnyi god, matematika. Moskva, Uchpedgiz, 1962. 37 p.

MATHEMATICS—TABLES, ETC.

Schuler, Max, and Kh. Gebolein. [Tables of elliptic functions. Translated from the German] Tablitsy ellipticheskikh funktsii. Moskva, Vychislitel'nyi tsentr AN SSSR, 1961. xvii, 206 p. tables. (Biblioteka matematicheskikh tablits, no. 13)
(RPB)

MATRICES

Asymptotic behavior of third-order integral matrices. IU. V. Linnik, B. F. Skubenko. Dokl. AN SSSR 146 no. 5:1007-1008 O '62.

Ximov, N. V. [Quadratic forms and matrices] Kvadratichnye formy i matritsy. Moskva, Fizmatgiz, 1962. 159 p. (Izbrannye glavy vysshei matematiki dlia inzhenerov i studentov vtuzov)

Regier poles in nonrelativistic quantum mechanics. A. Z. Patashinskii, V. L. Pokrovskii, I. M. Khalatnikov. Zhur. eksp. i teor. fiz. 43 no. 3:1117-1119 '62.

MATRIX MECHANICS

The Tomonaga-Schwinger equation in Bogoliubov's method [with summary in English]. A. D. Sukhanov. Zhur. eksp. i teor. fiz. 43 no. 3:932-941 '62.

MATTER—CONSTITUTION

Druianov, L. A. [What matter is] Chto takoe materiia. Pod red. I. D. Pantskhava. Moskva, Uchpedgiz, 1961. 80 p. (Starshemu shkol'niku)

MAXILLARY SINUS—DISEASES

Treatment of chronic odontogenic highmoritis. G. N. Marchenko. Trudy Nauch.-issl. inst. stom. no. 10 85-90 '62.

MAZEIKIAI DISTRICT—WORLD WAR, 1939-1945—
ATROCITIES

Ersiavaite, G., comp. [We won't forget; the crimes of the bourgeois nationalists in Mazeikiai District during the Hitlerite occupation] Neuzmirsime; apie buržuazinių nacionalistų nusikaltimus hitlerines okupacijos metais Mazeikių apskrityje. Naudotasi Lietuvos TSR Mokslų Akademijos dokumentams skelbti redakcijos konsultacijomis. [Vilnius] Valstybine politines ir mokslines literatūros leidykla [1960] 108 p. (Faktai kaltina) [In Lithuanian]

MAZUT

Use of mazut in the fuming process. V. V. Kostelov, L. N. Grinevich. TSvet. met. 35 no. 10:39-42 O '62.

MEALS—FATIGUE

Determining the damage accumulating under cyclic loads. P. A. Antikain. Dokl. AN SSSR 146 no. 5:1061-1063 O '62.

MEALY BUGS see subdivision under Szechwan Province; Yunnan Province

MEASLES—PREVENTIVE INOCULATION

Preliminary data on the prophylactic activity of inactivated measles vaccine. L. S. Lozovskaia, A. I. Titova, L. P. Egorova. Pediatriia no. 8:73-77 '62.

MEASURING INSTRUMENTS

Abadzhi, K. I., B. I. Druzhinin, and B. I. Isaev. [Checking relative positions of machine-part surfaces] Kontrol' vzaimnogo raspolozheniia poverkhnostei detalei mashin. Moskva, Mashgiz, 1962. 113 p.

Cybernetic methods for improving measuring equipment. S. M. Mandel'stam. Priborostroenie no. 10:30-31 O '62.

MEASURING INSTRUMENTS (Continued)

Determing the error in measuring transfer functions of instruments with linear dynamic systems. M. A Gol'dinov. Trudy inst. Kom. stand. mer i izm. prib. no 57:39-46 '62.

Evaluating dynamic and integration errors of measuring instruments V. A Volkonskii, A S. Nemirovskii. Trudy inst Kom. stand. mer i izm prib no. 57,47-67 '62

Evaluating errors of compound instruments (sets). V L. Kan. Trudy inst. kom. stand mer i izm. prib. no 57:7-9 '62.

Evaluating errors of compound measuring units composed of sets of separate blocks. N. A. Chekhonadskii. Trudy inst Kom. stand. mer i izm prib. no 57:10-18 '62

Improved deflectometer. A. V Kholin. Put' i put khoz. 6 no. 8:34 '62.

Instrument for nondestructive testing of the quality of a surface layer. A. P. Dobychina. Trudy Sem po kach poverkh. no. 5:233-238 '61.

Optimum selection of counting rate for numerical measurements. IA A. Kupershmidt Izm tekh. no. 10:3-8 O '62.

TM-1 pipe measuring rod. A. Vandalovskii. Zhil.-kom. khoz. 12 no. 3 26-27 Mr '62

MEASURING INSTRUMENTS—TESTING

Statistical criteria for evaluating the reliability of the check of instruments for linear measurements A. N. Kartasheva. Trudy inst. Kom. stand. mer i izm. prib. no. 57:78-90 '62.

MEAT

Use of food acids for accelerating the hydrothermal fission of the proteins of cattle meat stroma. D. I. Lobanov, S. F. Dimanov. Izv. vys. ucheb. zav.; pishch. tekh. no. 5 58-61 '62.

MEAT—PRESERVATION

Autolytic and denaturing changes in the components of the muscle tissues in case of meat cooling and freezing. P. E. Pavlovskii. Izv. vys. ucheb. zav., pishch. tekh. no. 5:52-57 '62.

MEAT INDUSTRY see subdivision under Kazakhstan

MEAT INDUSTRY—ACCOUNTING

Calculating and accounting in the production of intermediate meat products in food processing enterprises. A. Kashaev. Obshchestv. pit. no. 7 5-10 Jl '62.

MEAT INSPECTION

Determination of the freshness degree of meat by paper chromatography [with summary in English]. A. D. Avshalumova. Vop. pit. 21 no. 3. 22-28 My-Je '62.

Veterinary sanitary evaluation of meat with signs of icteric discoloration Kh S Goregliad Trudy NIVI 1 286-290 '60.

MECHANICAL BRAINS see Cybernetics

MECHANICAL DRAWING

Mikhnev, M. M. [Reading of mechanical drawing] Chtenie mashinostroitel'nykh chertezhei. Moskva, Oborongiz, 1962. 173 p. (Bibliotechka rabochego aviatsionnoi promyshlennosti)

Ryzhenko, I. M. [Orthogonal and axonometric sketching] Ortogonal'noe i aksonometricheskoe eskizirovanie. Khar'kov, Izd-vo Khar'kovskogo univ., 1960. 118 p.

MECHANICAL DRAWING—EQUIPMENT AND SUPPLIES

Checking mechanical drawing instruments and equipment N. Kochergina. Shkola i proizv 6 no 10 56 O '62.

MECHANICAL DRAWING—STUDY AND TEACHING

Acquainting fifthgraders with mechanical drawings in the process of work training K. Kh Kan Shkola i proizv. 6 no 10 33-35 O '62

Connection between mechanical drawing and work training A N. Tyrygin Shkola i proizv 6 no. 10 36-38 O '62

Independent checking of mechanical drawing assignments by students. M. B. Salimanov. Sred. spets. obr. 9 no. 9:28-34 S '62.

Russia (1917- R. S. F. S. R.) Ministerstvo prosveshchenila. [Secondary school programs for the 1962-1962 school year; mechanical drawing] Programmy srednei shkoly na 1962/63 uchebnyi god; cherchenie. Moskva, Uchpedgiz, 1962. 12 p.

Some data in marking the sizes in mechanical drawing. Z A Khazen. Shkola i proizv 6 no 10.74-78 O '62.

MECHANICAL ENGINEERING

Gavra, D. L. [Fundamentals of nomography with examples in mechanical engineering] Osnovy nomografii s primerami iz mashinostroeniia. Izd. 2. Moskva, Mashgiz, 1962. 162 p.

Zhidelev, M. A., and B. P. Nikitin. [Mechanical engineering manual; a textbook for grade 8] Rukovodstvo po mashinovedeniiu; posobie dlia uchashchikhsia VIII klassa. Izd. 3. Moskva, Gos. uchebno-pedagog. izd-vo, 1959-
(TNJ)

MECHANICAL ENGINEERING—BIBLIOGRAPHY see Bibliography—Mechanical engineering

MECHANICAL MOVEMENTS

Integration mechanism for performing intermittent (discontinuous) movements. A. B. Shraer. Izv. LETI 57 no. 39 324-329 '59.

MECHANICAL WEAR

Abrasive wear and the microstructure of steel. A. G. Shchulepnikova. Metalloved. i term. obr. met. no. 10. 5-8 O '62.

Abrasive wear of prestressed nickel. V. N. Kashcheev, V. M. Glazkov. Fiz. met. i metalloved. 14 no. 4 608-612 O '62.

Determining efficient service life of machine parts. G. D. Vol'pert. Mashinostroitel' no 10:10 O '62.

Effect of the mechanical properties of thermally treated brass on wear by friction against other metals under conditions of strong cohesion of the metals involved. K. V Savitskii, IU. F. Malyshev. Izv. vys. uch. zav.; fiz. 3 173-171 '62.

Investigating the grooving and the wear of rolls on a two-high thin sheet rolling mill. A. P. Chekmarev, S. N. Rabinovich, L. E. Kapturov. Nauch. trudy DMI no. 48. 250-256 '62.

Means of rapidly determining the life periods of pulp pipelines S P. Turchaninov Gor. zhur. no. 11 54-58 N '62

Shchetinin, S. F. [Wear and deformation of basic parts of motor vehicles] Iznos i deformatsiia bazistykh detalei avtomobilei. Moskva, Mashgiz, 1962. 97 p.

Testing moving slotted and screw pairs for wear. I A Begagoen Izv vys. ucheb. zav ,gor zhur. 5 no. 8 89-94 '62.

MECHANICAL WEAR—TESTING

Soveshchanie po metodam ispytanila na iznashivanie, Moscow, 1960. [Transactions of the Conference on the Methodology of Wear Tests] Trudy. Moskva, Izd-vo Akad. nauk SSSR, 1962. 237 p.

MECHANICS—STUDY AND TEACHING

In the study room for technical mechanics. M. Shumovich. Prof.-tekh. obr. 19 no. 9 14-15 S '62.

Methods of teaching Newton's second law in secondary schools. I. S. Freidkin. Dokl. APN no. 3:41-44 '62.

Volkov, L. P. [Using motion pictures in studying the fundamentals of technical mechanics] Primenenie kinofil'mov pri izuchenii osnov tekhnicheskoi mekhaniki. Moskva, Profizdat, 1962. 37 p. (Obmen opytom raboty)

MECHANICS, ANALYTIC

Some problems in the substantiation and application of the Saint Venant's principle. N. D. Sergeev. Izv. AN Uz. SSR. Ser. tekh. nauk 6 no. 5:53-61 '62.

Volkov, M. A. [Course in theoretical mechanics] Kurs teoreticheskoi mekhaniki. [Leningrad] Izd-vo Leningr. univ., 1962. 391 p.

MECHANICS, CELESTIAL

Solution to the problem of the stability of a stellar system obeying Emden's density law and having a spherical velocity distribution [with summary in English]. V. A Antonov. Vest. LGU 17 no. 19. 96-111 '62.

MEDIASTINUM

Elizarovskii, S. I., and G. I. Kondrat'ev. [Atlas "Surgical anatomy of the mediastinum"; a textbook for physicians and students] Atlas "Khirurgicheskaia anatomiia sredostenila; uchebnoe posobie dlia vrachei i studentov. Moskva, Medgiz, 1961. 108 p.
(DNLM)

MEDICAL CARE

Arrangement and utilization of medical positions G A. Popov. Sov zdrav 21 no. 10 26-33 '62.

Determining the demand of the adult city population for polyclinical service A P Zhuk, F M Ilupina, V D Dubrovina Sov zdrav 21 no 10 22-26 '62.

Some problems in the organization of medical service for children S V Kurashov. Sov zdrav 21 no 10:3-14 '62.

MEDICAL CARE, COST OF see subdivision under Canada

MEDICAL CENTERS

Basic trends in the development of a network of preventive medical institutions and the requirements for standard designs. A G. Safonov. Sov. zdrav. 21 no. 10 14-21 '62.

MEDICAL CLIMATOLOGY see Climatology, Medical

MEDICAL DELUSIONS

"Saint Anthony's fire." V. Kalnin. Nauka i rel. no. 5: 24-25 My '62.

MEDICAL EMERGENCIES

Tumarkin, TS. M. [Diagnosis and treatment of emergency pediatric states] Diagnostika i terapiia neotlozhnykh sostoianii u detei. Moskva, Medgiz, 1961. 198 p. (Biblioteka srednego medrabotnika)
(DNLM)

MEDICAL GEOGRAPHY

Basic problems in and the methods for the medicogeographical study of a locality. A. A. Shoshin. Mat. Kom. med. geog. Geog. ob-va SSSR pt. 1:22-40 '61.

Commission on Medical Geography of the Geographical Society of the U. S. S. R.; a survey of its activities. E. I. Ignat'ev. Mat Kom. med. geog. Geog. ob-va SSSR pt. 1: 5-11 '61.

Informational reports. Mat. Kom. med. geog. Geog. ob-va SSSR pt. 1:58-76 '61.

Present-day status of medical geography and the prospects for its development. A. A. Shoshin and others. Mat Kom. med. geog. Geog. ob-va SSSR pt. 1 11-22 '61.

Statutes of the Commission on Medical Geography of the Geographical Society of the U. S. S. R. Mat. Kom. med. geog. Geog. ob-va SSSR pt. 1:12-13 '61.

MEDICAL GEOGRAPHY—ABSTRACTS

[Medical geography] Ref. zhur. Otd. vyp. 36: Med. geog. no 11 N '62.

MEDICAL GEOGRAPHY—BIBLIOGRAPHY see Bibliography—Medical geography

MEDICAL GYMNASTICS see Exercise therapy

MEDICAL INSTRUMENTS AND APPARATUS
(see also subdivision under Sverdlovsk)

Measuring equipment at the International Medicine Exhibition Izm tekh. no. 10.61-63 O '62.

World-famous. Nauka i zhizn' 29 no. 9:52-53 S '62

MEDICAL MICROBIOLOGY

Discussion on the reports at the general meeting of the Department of Hygiene, Microbiology and Epidemiology. Vest. AMN SSSR 17 no. 5.39-42 '62.

Work of the Bureau of the Department of Hygiene, Microbiology and Epidemiology for 1960-1961 and the problems of the scientific research institutes of the Department in the light of the resolutions of the 22d Congress of the CPSU. G. V. Vygodchikov. Vest. AMN SSSR 17 no. 5: 118-121 '62.

MEDICAL MICROBIOLOGY—CONGRESSES

First All-Russian Congress of the Scientific Society of Epidemiologists, Microbiologists and Infectious Diseases Specialists. V. V. Skvortsov. Zhur. mikrobiol., epid. i immun. 44 no. 4:157-160 Ap '62.

MEDICAL PERSONNEL

Brief news. Vest. AMN SSSR 17 no. 5:148 '62.

Improve the work of subprofessional medical personnel A P Manoilina. Sov zdrav 21 no 10 60-65 '62

Legal consultation. A. V. Rott. Vrach. delo no. 10:157-158 O '62.

MEDICAL SOCIETIES see subdivision under Mogilev

MEDICAL TESTS

Breitman's test as an index of vegetative changes in chronic gastritis. N. K. Vasil'eva. Uch. zap. Pyat. gos. nauch.-issl. bal'n. inst. 3:59-66 '60.

Cup test in vitamin C deficiency. V. K. Gelshmid. Sov. med. 26 no. 9:140-143 Ag '62.

MEDICINE
(see also subdivision under Hungary; Ukraine)

Concluding remarks of the president of the Academy of Medical Sciences of the U. S. S. R., N. N. Blokhin. Vest. AMN SSSR 17 no. 5 136-141 '62.

Discussion at the general meeting of the Department of Medicobiological Sciences. Vest. AMN SSSR 17 no 5 116-117 '62.

Discussion on the scientific reports at the general meeting of the Department of Medicobiological Sciences of the Academy of Medical Sciences of the U. S. S. R. Vest. AMN SSSR 17 no. 5.130-135 '62.

Fifteenth session of the Academy of Medical Sciences of the U. S. S. R. L. G Ratgauz, M. A. Sibiriakov Voen.-med. zhur. no. 9 90-93 S '61.

In the Presidium of the Academy of Medical Sciences of the U. S. S. R. M. A. Ivanova. Vest. AMN SSSR 17 no. 7:95-98 '62.

Kalinin, M. I. [Public health and medicine] O zdravookhranenii i meditsine. Moskva, Medgiz, 1962. 170 p. (DNLM)

Problems of and ways for introducing contemporary biochemistry into medical science and practice. A. N. Utevskii. Vrach. delo no. 10:3-11 O '62.

Resolution of the general meeting of the Academy of Medical Sciences of the U. S. S. R. on scientific organizational problems of February 14, 1962. Vest. AMN SSSR 17 no. 5:145-147 '62.

Significant and anniversary dates in the history of medicine for 1963: January. Sov. zdrav. 21 no 10 87-88 '62.

Work of the Bureau of the Department of Medicobiological Sciences for 1960-1961 and the problems of the scientific research institutes of the Department in the light of the resolutions of the 22d Congress of the CPSU. N. A. Kraevskii. Vest. AMN SSSR 17 no. 5:128-130 '62.

MEDICINE—ABSTRACTS

[Medical abstracts] Med. ref. zhur. sect. 1 vol. 6 no. 11 N '62. Sect. 2 vol. 6 nos. 10-11 O-N '62. Sect. 5 vol. 6 no. 11 N '62. Sect. 6 vol. 6 no. 11 N '62. Sec. 10 vol. 6 no. 11 N '62.

Resumes. Sov. med. 26 no. 8:150-154 Ag '62.

MEDICINE—BIBLIOGRAPHY see Bibliography—Medicine

MEDICINE—CONGRESSES
Brief news Sov zdrav 21 no 10:96 '62.

Vsesoiuznaia nauchnaia istoriko-meditsinskaia konferentsiia 1st, 1959. [Summaries of reports of the All-Union Historico-Medical Conference] Tezisy dokladov, 3-9 fevralia 1959 g. Leningrad, Medgiz, 1959. 127 p. (City)

MEDICINE—DICTIONARIES
[Large medical encyclopedia] Bol'shaia meditsinskaia entsiklopediia, Glav. red. A. N. Bakulev. Moskva, Gos. nauchn. izd-vo "Sovetskaia entsiklopediia."
Vol. 26. Poroshki-professional'nyi otbor Izd.2, 1962. 1256 columns.
——— [List of articles and terms for the letter "P" (26th vol.)] Perechn' statei i terminov na bukvu "P" (dvadtsat' shestoi tom) 1 p.
——— [Phonograph record for the article "Heart defects" (Aortal defects of the heart)] Gramofonnaia plastinka k stat'e "Poroki serdtsa" (Aorta'nye poroki serdtsa)

MEDICINE—HANDBOOKS, MANUALS, ETC
Shabanov, A. N., ed. [Medical handbook for feldshers] Meditsinskii spravochnik dlia fel'dsherov. Izd. 9., ispr. Moskva, Medgiz, 1962. 570 p. (DNLM)

MEDICINE—LANGUAGE
Shul'ts, IU. F., T. V. Mertsalova, and L. L. Savel'eva. [Textbook of the Latin language] Uchebnik latinskogo iazyka. Pod obshchei red. IU. F. Shul'tsa. Moskva, Medgiz, 1962. 203 p.

MEDICINE—STUDY AND TEACHING
(see also subdivision under Lvov)
N. A. Semashko on the Soviet physician and the education of students. A. M. Okulov. Sov. med. 26 no. 8, 155-156 Ag '62.

MEDICINE, CLINICAL
Discussion on the reports of the president of the Academy of Medical Sciences of the U. S. S. R and of the academician-secretary of the Department of Clinical Medicine. Vest. AMN SSSR 17 no. 5 126-130 '62.

Leningrad. Pervyi Leningradskii meditsinskii institut. [Collection of works of the Department of Therapy dedicated to the memory of G. F. Lang] Sbornik rabot kafedry fakul'tetskoi terapii, posviashchennyi pamiati G. F. Langa. Leningrad, 1958. 164 p. (WaU)

Work of the Bureau of the Department of Clinical Medicine for 1960-1961 and the problems of scientific research institutes of the Department in the light of the resolutions of the 22d Congress of the CPSU. V Kh Vasilenko. Vest. AMN SSSR 17 no. 5-123-126 '62.

MEDICINE, INDUSTRIAL
Comparison of the general morbidity incidence among the city population and among workers in industrial enterprises I D. Bogatyrev Sov zdrav 21 no 10 38-43 '62.

MEDICINE, INTERNAL
Vail', S. S., ed. [Errors of clinical diagnosis; some of the most important internal diseases] Oshibki klinicheskoi diagnostiki; nekotorye vazhneishie vnutrennie bolezni. [Leningrad] Medgiz, 1961. 202 p. [MICROFILM]

MEDICINE, MILITARY
Control of therapeutic and prophylactic work in medical institutions. V G. Edinevskii. Voen -med zhur. no 9 47-49 S '61
Military medical expert examination in vascular disorders of the brain S. F. Glebov. Voen -med. zhur. no. 9:50-51 S '61.
Organization and methods of sanitary service for the modern army. I. Krasnopeev. Voen. -med. zhur. no. 9 67-69 S '61.
Personnel of therapeutic and prophylactic institutions compete to be worthy of the meeting of the 22d Congress of the CPSU. Voen -med zhur. no. 9 3-6 S '61.
Use of vitamin A for increasing night vision in military personnel. G Sh. Avin, IU. P Pogonov. Voen. -med. zhur. no. 9:75-76 S '61.
Work of military therapists under the conditions of modern war. A M. Zybov. Voen. -med zhur no 9 16-18 S '61.

MEDICINE, MILITARY—STUDY AND TEACHING
Medical training for the personnel of a unit. A A Kondrashov, IA. V. Kesel' Voen. -med zhur. no 9 77 S '61.

MEDICINE, MILITARY—TERMINOLOGY
Problem of terminology in military medicine. I. P Lidov. Voen. -med. zhur. no. 9 18-20 S '61

MEDICINE, POPULAR see subdivision under Lithuania

MEDICINE, RURAL
(see also subdivision under Kirghizistan; Talovaya District, Voronezh Province)
Characteristics of psychotherapeutic aid in the country. IA. N. Vorobeichik, M. IA. Minkevich. Sov. med. 26 no. 8:144-145 Ag '62.

MEDICINE AND RELIGION
Crippled by religion. B. Nepomniashchii. Nauka i rel. 4 no. 11:29-31 N '62.
Recovery at the sea. S. Makarov. Nauka i rel. 4 no. 11 25-27 N '62.
Those who rejoice in diseases. A. Rogov. Nauka i rel no. 5:80-82 My '62.

MEDICINE IN SPORTS see Sports medicine

MEDITERRANEAN SEA—OCEANOGRAPHY
Oceanographic study of the Mediterranean Sea [with summary in English]. B. N. Filiushkin Trudy Inst. okean. 56 294-306 '62.

MEDUSAE, FOSSIL see subdivision under Podolia

MEDYN'—OLD-AGE HOMES
Riches of the "blue virgin soil." L. Godin Sots. obesp. 23 no. 10 31-36 O '62.

MEIERKHOL'D, VSEVOLOD EMIL'EVICH, 1874-1942
Three meetings; from the notebook of a playwright. Aleksei Faiko. Teatr 23 no. 10 111-125 O '62.

MELANOSPORA
Erroneous description of Chaetomium kunzeanowianum Belak. N. P. Cherepanova. Bot. mat. Otd. spor. rast. 15 62-66 Ja '62.

MELANTERITE see subdivision under Tatar A.S.S.R., Udmurt A.S.S.R.

MELON BREEDING
Use of a mentor plant in melon breeding. A. A. Zubov. Trudy TSGL 7:190-196 '61.

MELTING
Artificial intensification of the melting of mountain glaciers to increase the discharge of Central Asian rivers. G. A. Avsiuk. Izv. AN SSSR, Ser. geog. no. 5 83-89 S-O '62.
Structure of metals near the interface in contact melting. I. G. Berzina, L. K. Savitskaia, P. A. Savintsev. Izv. vys. uch. zav., fiz. 3:160-163 '62.

MENINGES—TUBERCULOSIS
Effect of vitamin B_{12} on the sugar level in the cerebrospinal fluid in tuberculous meningitis. E. V. Skovronskaia. Vrach. delo no. 10:150-151 O '62.
Permeability of the hemato-encephalic barrier in tuberculous meningitis in children T. P. Sizonenko. Zdrav Bel. 8 no. 5:23-25 My '62
Properdine system and its role in infection and immunity. Report No. 7. V. I. Pokrovskii, E. V. Chernokhvostova, V. D. Nikitina. Zhur. mikrobiol., epid. i immun. 33 no. 8:131 Ag '62.
Some data on the clinical aspects, treatment and outcome of tuberculous meningitis in children. A. A. Il'in. Sov. zdrav. Kir. no. 5 19-24 S-O '62.

MENINGITIS
Clinical aspects and etiology of acute serous meningitis. O. A. Khondkarian and others. Vest. AMN SSSR 17 no. 7:13-17 '62.
Properdine system and its role in infection and immunity. Report No. 7. V. I. Pokrovskii, E. V. Chernokhvostova, V. D. Nikitina. Zhur. mikrobiol., epid. i immun 33 no. 8:131 Ag '62.

MEN'S SHIRTS
Grouped-unit production lines for the manufacture of men's shirts S. K. Starshinova, P. U. Kozlovskii, M. M. Belen'kaia. Shvein. prom. no. 5 10-15 S-O '62.

MENSURATION—ABSTRACTS
[Measurement techniques] Ref. zhur. Otd. vyp. 32' Izm. tekh. no. 21 N '62.

MENSURATION—BIBLIOGRAPHY see Bibliography—Mensuration

MENSURATION—TERMINOLOGY
Draft recommendations of the All-Union Research Institute of Metrology "Basic metrological terms and definitions." K. P. Shirokov. Trudy inst. Kom. stand. mer i izm. prib. no. 57:101-122 '62.
Regulating some basic terms used in measurements. A. B. Shaevich. Izm. tekh. no. 10:1-3 O '62.

MENTAL HOSPITALS see Psychiatric hospitals

MENTAL ILLNESS
(see also subdivision under Stavropol Territory)
Correlation of the changes in carbohydrate metabolism and the clinical picture during the reserpine treatment of schizophrenia and other mental diseases. V. I. Dolgii. Trudy Gos. nauch. -issl. inst. psikh. 27:228-231 '61.
Dolanov, V. IA. [Psychic disorders associated with rheumatism in children and adolescents] Psikhicheskie narusheniia pri revmatizme u detei i podrostkov. Pod red. G. E. Sukharevoi. Moskva, Gos. nauchno-issl. in-t psikhiatrii MZ RSFSR, 1962. 188 p.
Mental diseases. G. Zenevich. Nauka i rel. no. 5:18-20 My '62.

MENTAL INSTITUTIONS see Psychiatric hospitals

MENTAL TESTS
Check their erudition; let your young friends compete with American students. Nauka i zhizn' 29 no. 9:90-91, 106-107 S '62.
Seminar of an astronaut. M. Verov. Nauka i zhizn' 29 no. 8:92-93 Je '62.

MENTALLY HANDICAPPED CHILDREN
Group, class advisers, and children. . . . A. Antropova, I. Golodnikov. Sots. obesp. 23 no. 10 31-34 O '62.

MENTALLY ILL
Analysis of the repeated actions of mental patients which are dangerous to society. A. S. Kiselev and others. Trudy Gos. nauch. -issl. inst. psikh. 27:383-388 '61.
Foreign bodies discovered in mental patients. A. I. Merkulova. Trudy Gos. nauch. -issl. inst. psikh. 27: 389-392 '61.

MENTALLY ILL—CARE AND TREATMENT
Intravenous infusion of sodium amytal in controlling food refusals in mental patients. N. N. Andreeva. Trudy Gos. nauch. -issl. inst. psikh. 27:191-195 '61.

MERCAPTO COMPOUNDS
Amperometric titration of millimicrogram quantities of SH-compounds in a trisoxymethylaminomethane buffer [with summary in English]. I. B. Krasnov. Biul. eksp. biol. i med. 53 no. 6:105-108 Je '62.
Prospects for using sulfhydryl compounds in the prevention and treatment of methemoglobinemia. Vest. AMN SSSR 17 no. 7:47-54 '62.

MERCAPTO GROUP
Mechanism of the direct depressing effect of streptomycin on tissue chemoreceptors. I. E. Gaber, E. IA. Gelman, G. S. Kan. K izuch. roli nerv. sist. v pat., immun. i lech. tub. no. 2 323-326 '61.

MERCHANDISE see Commercial products

MERCHANT MARINE
Follow-up of published articles. Mor. flot 22 no. 10: 47 O '62.
Functions of technical councils carried out on a voluntary basis. A. Khais. Mor. flot 22 no. 10, 39-40 '62.
Marine transportation as a branch of the national specialization of a large economic region. M. B. Mazanova. Izv. AN SSSR, Ser. geog. no. 5 96-101 S-O '62.

MERCHANT MARINE—MANAGEMENT
Discussing work organization considering the interests of both seamen and the merchant marine. E. Privalov. Mor. flot 22 no. 10:13-15 O '62.

MERCHANT MARINE—PASSENGER TRAFFIC
Savin, N. I. [Planning marine passenger traffic] Planirovanie morskikh passazhirskikh perevozok. Moskva, Izd-vo "Morskoi transport," 1962. 201 p. (Ekonomika i ekspluatatsiia morskogo transporta)

MERCHANT MARINE—TECHNOLOGICAL INNOVATIONS
Creative activity is growing. Mor. flot 22 no. 10:46 O '62.

MERCHANT SEAMEN—WATCH DUTY
Wise organization of watches and better use of free time for relaxation and study. D. Efishev. Mor. flot 22 no. 10:15 O '62.

MERCURY
Electrocapillary curves on mercury of acetonitrile solutions. G. A. Korchinskii. Ukr. khim. zhur. 28 no. 5:693-698 '62.
Rate of absorption of certain gases by mercury on its surface. V. A. Ptiankov. Ukr khim. zhur. 28 no. 5, 586-589 '62.

MERCURY-ARC RECTIFIERS
A comparison of methods for measuring the voltage drop in the arc of mercury rectifiers. N. M. Maslennikov, N. IU. Nadal'iak, V. D. Kolesnikov. Vest. elektroprom. 33 no. 11:55-58 N '62.
Measurement of the back currents of a mercury rectifier in a single pulse network. M. A. Ablaev. Trudy MIIT no. 144:85-89 '62.
Measurement of vacuum in a pumpless mercury-arc rectifier. F. S. Kobelev, IU. M. Naumenko. Vest. elektroprom. 33 no. 11:58-60 N '62.
Study of a possibility of increasing the strength of a mercury rectifier. M. A. Ablaev. Trudy MIIT no. 144: 72-84 '62.

MERCURY CHLORIDE
Dependence of the solubility of mercury chloride on the concentration of lithium chloride in methyl alcohol. G. F. Dvorko. Ukr khim zhur 28 no. 5:621-623 '62.

MERCURY COMPOUNDS
Effect of "outer-sphere" cations on the formation of mercury (II) chloride complexes. V. E. Mironov, IU. V. Lastochkin, V. A. Fedorov. Zhur. neorg. khim. 7 no. 10:2323-2325 O '62.
Mercury derivatives of cyclopentadienyl and methylcyclopentadienylmanganese tricarbonyl. A. N. Nesmeianov, K. N. Anisimov, Z. P. Valueva. Izv. AN SSSR. Otd. khim. nauk no. 8:1683-1684 S '62.

MERCURY COMPOUNDS (Continued)

Preparation of methylmercury salts. V.N.Latiaeva, A.V.Malysheva, G.A.Razuvaev. Zhur.VKHO 7 no.5;594 '62.

Use of cysteine in differentiating the bactericidal and bacteriostatic effects of mercury preparations [with summary in English]. M.N.Fedorov, I.K Lagert. Zhur. mikrobiol., epid. i immun. 33 no.8:49-51 Ag '62

MERCURY ELECTRODES see Electrodes, Mercury

MERISTEM

Ability of polycarpic plants to form adventitious buds from the secondary meristem. N.I Turovtsev. Trudy TSGL 7:140-162 '61.

MESONS

Angular distribution of the decay products of Λ-hyperons produced by 2.8 Bev./c π-mesons on xenon nuclei [with summary in English]. I.A. Ivanovskaia and others. Zhur.eksp.i teor.fiz. 43 no.3 765-774 '62.

Bilen'kii, S.M., and R.M.Ryndin. [Determining the spin of K*] Ob opredelenii spina K*. Dubna, Ob'edinennyi in-t iadernykh issl., 1962, 4 p.

Blokhintseva, T.D., and others. [Interaction between π⁻-mesons and hydrogen at an energy of 340 Mev.] Vzaimodeistvie π⁻-mezonov s vodorodom pri energii 340 Mev. Dubna, Ob'edinennyi in-t iadernykh issl., 1962, 27 p.

Energy of μ-mesons in μ-meson beams of cosmic rays [with summary in English] IU.N Vavilov Zhur eksp.i teor.fiz 43 no.3 1009-1011 '62.

On μ⁺-molecules [with summary in English]. A.A Anselm, V.M.Shekhter. Zhur eksp.i teor fiz. 43 no 3,958-962 '62

A process opposite to the $\pi \rightarrow \mu + \nu$ decay in a Coulomb nuclear field. IU.P. Nikitin, E.P. Shabalin. Zhur eksp.i teor.fiz 43 no 3;1119-1120 '62.

Production of π⁺-photomesons at angles of 25°-38° in the energy range of 152-162 Mev. M.I. Adamovich, E.G. Gorzhevskaia, F.R. IAgudina. Zhur.eksp.i teor. fiz 43 no 3:1113-1116 '62.

Production of ΛK° and K°K° pairs in interactions between protons and 7-8 Bev./c π⁻-mesons [with summary in English]. Van IUn-chen [Wang Yung-ch'ang] and others Zhur.eksp.i teor fiz 43 no.3,815-822 '62.

Spin-orbital interaction between two nucleons. IU.G. Pavlenko. Vest.Mosk.un.Ser.3, Fiz., astr. 17 no.5: 30-34 S-O '62.

Transverse polarization of μ-mesons in cosmic rays [with summary in English] V.S. Berezinskii. Zhur eksp.i teor.fiz 43 no 3,927-931 '62.

MESONS—DECAY

Search for anomalies of μ-meson decay in paramagnetic metals [with summary in English] L.B. Egorov and others Zhur.eksp.i teor.fiz. 43 no 3 873-876 '62.

Veksler, V.I., and others. [Polarization of Λ-hyperons produced in π⁻-p-interactions at an energy of 7-8 Bev.] Izuchenie poliarizatsii Λ -giperonov pri rozhdenii v π⁻-p-vzaimodeistviiakh s energiei 7-8 Bev. Dubna, Ob'edinennyi in-t iadernykh issl., 1962. 23 p.

MESONS—SCATTERING

Logunov, A.A., and others. [Dispersion relations and analytic properties of partial amplitudes in the perturbation theory] Dispersionnye sootnosheniia i analiticheskie svoistva partsial'nykh amplitud v teorii vozmushchenii. Dubna, Ob'edinennyi in-t iadernykh issl., 1962. 31 p.

Near-threshold singularities in exchange pion-nucleon scattering [with summary in English]. L.I. Lapidus. Zhur eksp.i teor.fiz. 43 no.3;1053-1056 '62.

MESOTRONS see Mesons

METABOLISM

Comparative characteristics of metabolism in young sheep of various breeds. V.I. Bondarev. Visnyk sil'khosp.nauky 5 no.8:77-81 S '62.

Experimental data on the effect of changed light conditions on the metabolism in animal organisms. S.K Karapetian Agrobiologiia no.3,433-435 My-Je '62.

Specific dynamic action of food after total resection of the stomach in man [with summary in English]. A.P. Borisov, G.F. Markova. Vop.pit. 21 no.3:32-37 My-Je '62.

Study of the mechanism of the depressing effect of streptomycin on reflexes from the chemoreceptors. G.S.Kan. Izuch.roli nerv.sist.v pat., immun.i lech.tub. no.2:385-388 '61.

METABOLISM, DISORDERS OF

Age characteristics of the clinical aspects of metabolism in psoriasis. R.F.Fedorovskaia, N.A.Dobrotina. Sov.med. 26 no.8:136-140 Ag '62.

Some metabolic shifts in Far East hemorrhagic fever with a renal syndrome. A.A.Konstantinov. Trudy Khab.med.inst. no.20:86-94 '60.

METAL—CUTTING TOOLS

Kosharnovskii, V.P. [Metal cutting and metal-cutting tools] Rezanie metallov i metallorezhushchie instrumenty; bibliograficheskii spravochnik. Khar'kov, Izd-vo Khar'kovskogo univ. 1962. 127 p.

METAL CASTINGS—COOLING

Approximate analysis of the kinetics of crystallization during the continuous cooling of melts in foundry molds. G.F. Balandin. Fiz.met.i metalloved. 14 no.4 595-601 O '62.

METAL CASTINGS—DEFECTS

Effect of alloy composition and the rate of cooling on the distribution of shrinkage cavities in castings. R.A. Bakhtiarov, A.M.Kats. Izv.AN SSSR.Otd.tekh.nauk. Met.i topl. no 5:102-109 S-O '62.

METAL CLEANING

Modernizing the M123 shot blasting machine. IU.N.Bondarenko. Lit.proizv. no.10:43 O '62.

METAL CRYSTALS

Dilatometric method for evaluating the preferential orientation of grains in deformed metals with a hexagonal lattice. O.A Balakhovskii, V.Z. TSeitlin, R.K Chuzhko Zav.lab 28 no 10 1207-1208 '62.

METAL CRYSTALS—GROWTH

Origin of radial nonuniformity in germanium and silicon crystals. D.A. Petrov, T.A. Rusakov, C.K. IAcheva. Izv.AN SSSR.Otd.tekh.nauk.Met.i topl. no.5,197-199 S-O '62.

METAL CUTTING

Avrutin, S.V. [Efficient work of a milling machine operator] Ratsional'nata rabota frezerovshchika. Izd. 6., perer. i dop. Moskva, Mashgiz, 1962. 309 p.

Cheikashin, V.I. [Advanced methods for machining with the use of gauges] Peredovye metody lekal'nykh rabot. Izd.3., ispr. i dop. Moskva, Mashgiz, 1962. 183 p.

Displacement of blanks in the opening of an attachment. K.A. Kuznetsov. Priborostroenie no.10 22 O '62.

Effect of vibration processes on the formation and transformation of lateral and longitudinal roughness. S.P. Semenov. Trudy Sem.po kach.poverkh. no. 5;332-338 '61.

"Finish machining of heated metal surfaces" by B.M. Askinazi. Reviewed by G. Pekelis. Mashinostroitel' no.10:47 O '62.

Fundamentals of the theory of natural vibrations due to metal cutting. M.E. El'iasberg. Stan.i instr. 33 no.10:3-8 O '62.

IAkobson, M.O. [Technological processes of machining in automated production] Technologiia mekhanicheskoi obrabotki v avtomatizirovannom proizvodstve; spravochnoe posobie. Moskva, Mashgiz, 1962. 432 p.

Kosharnovskii, V.P. [Metal cutting and metal-cutting tools] Rezanie metallov i metallorezhushchie instrumenty; bibliograficheskii spravochnik. Khar'kov, Izd-vo Khar'kovskogo univ. 1962. 127 p.

Kravchenko, B.A. [Forces, residual stresses and friction during metal cutting] Sily, ostatochnye napriazheniia i trenie pri rezanii metallov. [Kuibyshev] Kuibyshevskoe knizhnoe izd-vo, 1962. 178 p.

Nomograms for selecting feeds and cutting speeds considering the finish of machining and the intensity of dimensional wear of cutting tools. A.D. Makarov. Mashinostroitel' no.10:26-27 O '62.

Smirnov, V.K. [Boring lathe operator] Tokar'-rastochnik. Moskva, Profizdat, 1962. 302 p.

Work hardening of a surface and its relationship with chip formation. G.K. Markarian. Trudy Sem.po kach.poverkh. no.5;356-365 '61.

X-ray diffraction study of the depth of a workhardened layer resulting from metal cutting. V.T. Dudnikov. Trudy Sem.po kach.poverkh. no.5:260-263 '61.

METAL CUTTING—PRODUCTION STANDARDS

Serial production and the establishment of consolidated norms. L.Raskin. Sots.trud 7 no.8;79-83 Ag '62.

METAL CUTTING, ELECTRIC see Electric metal cutting

METAL-CUTTING TOOLS

Cast blades for sectional cutters. M.O. Blokh. Stan.i instr. 33 no.10;34 O '62.

Device for noncontact adjustment of diamond and hard-alloy cutting tools. P.V. Chernikov, IA.A. Posashkov. Stan.i instr. 33 no.10;39 O '62.

How to calculate optimum dimensions for the lots of metal-cutting tools. V.F. Vlasov. Mashinostroitel' no.10:24 O '62.

METAL-CUTTING TOOLS—TESTING

Device for measuring radial wear and temperature deformation of boring tools. A.D. Makarov. Stan.i instr. 33 no.10;35 O '62.

METAL POWDER PRODUCTS

Powder metal lamellar electrodes for electric slag hard facing. A.IA. Shvartser, I.IA. Golub, G.V. Lugovaia. Avtom.svar. 15 no.11;71-76 N '62.

METAL POWDERS—MAGNETIC PROPERTIES

Investigating the law of magnetization approaching saturation in specimens made of fine ferromagnetic powders. V.V. Parfenov, IU.A. Lobanov, L.V. Shimolin. Fiz.met.i metalloved. 14 no.4;503-511 O '62.

Nature of the thermal instability of the residual induction in permanent magnets of MnBi alloy powders. IA.S. Shur, A.A. Glazer, L.V. Shtol'ts. Fiz.met.i metalloved. 14 no.4:523-528 O '62.

METAL SPRAYING—EQUIPMENT AND SUPPLIES

New head for an electric metallization unit. A.G. [illegible] Mashinostroitel' no.10:17 O '62

METAL TRADE

Zusman, L.L. [Turnover of metal in the national economy of the U.S.S.R.] Krugooborot metalla v narodnom khoziaistve SSSR. Moskva, Metallurgizdat, 1962. 319 p.
(MH)

METALLIC FILMS—DEFECTS

Effect of stresses on defects in silicide layers on metal[illegible] denum. V.E. Ivanov and others. Fiz.met.i metalloved. 14 no.4:574-577 O '62.

METALLIC FILMS—MAGNETIC PROPERTIES

Theory of an anomalous skin effect in thin metal films in magnetic fields. G.A. Begiashvili. Fiz.met.i metalloved. 14 no.4:481-488 O '62.

METALLIC OXIDES

Decomposition potentials of titanium, molybdenum, and tungsten oxides dissolved in fused borax [Shen Ch'in-nang]. V.A Olelnik, III.K Delimarskii Ukr.khim.zhur 28 no 5 600-604 '62.

Radiation method of preparation of highly dispersed metals and oxides G.M. Zhabrova and others Izv.AN SSSR. Otd.khim.nauk no.9:1690-1692 S '62

Solubility of titanium, zirconium, and hafnium dioxides in fused alkali metal fluorides IU.K. Delimarskii, G.G. Budenskaia. Ukr.khim zhur. 28 no 5 [illegible] '62.

METALLOGRAPHY

Density of slip traces on the surface and in the body of a specimen. O.M.Kuguenko, V.M. Rozenberg, A.V. Shalimova. Izv.AN SSSR.Otd.tekh.nauk.Met.i topl. no.5:126-127 S-O '62.

METALLURGIC CHEMISTRY see Chemistry, Metallurgic

METALLURGICAL FURNACES

Malyi, G.A. [Automation of industrial furnaces fired with gas] Avtomatizatsiia promyshlennykh pechei, rabotaiushchikh na gazoobraznom toplivo. Leningrad, 1962. 23 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia Energetika, no.6)

METALLURGICAL LABORATORIES
(see also subdivision under Donets Basin)

For a close connection between metallurgical laboratories and plants. G.A. Khasin. Zav.lab 28 no 10 1264 1265 '62.

METALLURGICAL PLANTS—AIR CONDITIONING

A[illegible] Metallurgical plants; [illegible] grovantia. Moskva, 1960. 15 p. (Metodicheskie pis'ma)
(DNLM)

METALLURGICAL PLANTS—DESIGN AND CONSTRUCTION

"Assembly of blast furnace machinery" by N.N. Prokhorov, V.A. Krylov; "Assembly of the machinery of metallurgical industry enterprises" by M.L. Lavin. Reviewed by M.I. Gal'perin. Mont.i spets.rab.v stroi. 24 no.10;31-32 O '62.

METALLURGICAL RESEARCH
(see also subdivision under Nizhniy Tagil; Novocherkassk; Orenburg Province; Ural Mountain region, Zlatoust)

At the Chelyabinsk Metallurgical Research Institute. A.S. Dubrovin, IU L. Pliner. Stal' 22 no.10 918 O '62.

METALLURGY—ABSTRACTS

[Metallurgy] Ref.zhur.: Met. no.10 O '62.

METALLURGY—DICTIONARIES

Bellaeva, G.F., and other, comps. [French-Russian metallurgical dictionary] Frantsuzsko-russkii metallurgicheskii slovar'. [By] N.V. Astrova i dr. Pod.red G.F. Bellaevoi i N.N. Timoshenko. Moskva, Glav.red.inostr. nauchno-tekhn. slovarei Fizmatgiza, 1962 433 p.

METALLURGY—PRODUCTION STANDARDS

Present-day objectives of the establishment of technical norms in metallurgy. B. Rozin, R. Geifman. Sots.trud 7 no.8:72-78 Ag '62.

METALS

Determination of polymer to metal bonding. S.S. Voiutskii, IU L. Markin. Zav.lab. 28 no.10;1203-1205 '62.

"Metal turnover in the national economy of the U.S.S.R." by L.L. Zusman. Reviewed by L.I. Itin and others Stal' 22 no.10;950-953 O '62.

METALS (Continued)

Structure of metals near the interface in contact melting. L.G. Berezina, L.K Savitskaia, P.A Savintsev. Izv.vys. uch. zav.; fiz 3:160-163 '62.

Theory of the electron energy spectrum of metals with a bismuth type lattice [with summary in English] A. A. Abrikosov, L. A. Fal'kovskii Zhur.eksp i teor.fiz 43 no 3,1089-1101 '62

METALS—ANALYSIS

Gas volumetric methods for determining carbon in metals P IA IAkovlev, A L Orzhekhovskaia. Zav. lab 28 no 10 1267-1269 '62

METALS—BIBLIOGRAPHY see Bibliography—Metals

METALS—CLEANING see Metal cleaning

METALS—COLD WORKING

Dependence of peening on the direction of sliding friction. V. D. Evdokimov. Metalloved. i term. obr. met. no. 10 2-5 O '62.

METALS—FATIGUE

Accumulation and curing of damages occurring in pearlite steel during the process of operation O A. Antikaino Teploenergetika 9 no. 11 59-62 N '62.

Evaluating the resistance to thermal stress fatigue by the method of varying rigidity of loading. S V Serensen, P I. Kotov. Zav. lab. 28 no. 10:1233-1236 '62.

METALS—FINISHING

Effect of mechanical treatment on the surface area of metals. I. L. Roikh, V. V. Ordynskaia, I. P. Bolotich. Dokl. AN SSSR 146 no. 6,1316-1317 O '62.

METALS—HARDENING

Kinetics of cementite decomposition. V. A. Grigorian and others. Izv. AN SSSR. Otd. tekh. nauk. Met. i topl. no. 5:159-162 S-O '62.

METALS—TESTING

Methods of determining the contact strength of rail metal R. A Omberg. Zav. lab. 28 no. 10 1245-1247 '62.

Quantitative method of investigating the softening of metals during hot deformation. IA. M. Okhrimenko Izv vys. ucheb. zav. ;chern. met. 5 no. 9:111-115 '62.

Standardization of methods for high temperature tensile testing. B. M Ovsiannikov. Zav. lab 28 no. 10 1269 '62.

METALS—THERMAL PROPERTIES

Low-temperature heat capacity of metals. G M Eliashberg Zhur. eksp. i teor. fiz 43 no. 3 1105-1107 '62.

Mechanisms of evaporation, viscous flow of metals and the structure of their condensates. G. M. Martynkevich. Izv. AN SSSR. Otd. tekh. nauk. Met. i topl. no. 5:126-125 S-O '62.

METALS, EFFECT OF TEMPERATURE ON

Correlation between the fatigue limit, the strength limit, and other mechanical characteristics of steels and alloys. A. Bukh. Metalloved. i term. obr. met. no. 10 28-37 O '62.

Effect of temperature on hardness changes and the elasticity modulus of alloys in the system Fe -Ni E. A. Assonova, M. G. Lozinskii. Metalloved. i term. obr. met. no. 10:11-15 O '62.

Interaction between metallic indium and sulfur anhydride. IU. V. Rumiantsev, N. A. Khvorostukhina, I. K. Skobeev. Trudy Vost. Sib. fil. AN SSSR no 41.91-99 '62.

Kinetics of isothermal transformations of austenite in cast hypereutectoid silicon steel. K. P. Bunin, Zh. B. Zakorko. Izv. vys. ucheb. zav. ,chern. met. 5 no. 9: 173-177 '62.

Temperature dependence of actual characteristic temperatures in lattices of the CsCl type. A. P. Zvlagina. Fiz. met. i metalloved. 14 no. 4:636-637 O '62.

Temperature dependence of the surface tension of metals. S. N. Zadumkin, P. P. Pugachevich. Dokl. AN SSSR 146 no. 6:1363-1366 O '62.

METALS, RARE AND MINOR

Metals of our era. Nikolai Sezhin. Sov. Soiuz no. 11: 12 '62.

Rare and scattered elements in Transbaikalia complex metal ores. A. F. Li, N. N. Burlutskaia. Trudy Vost. Sib. fil. AN SSSR no 41:63-66 '62.

Retkyte, Lilija. [Rare metals] Retieji metalai. Vilnius, Valstybine politines ir mokslines literaturos leidykla, 1962. 81 p. [In Lithuanian]

METALS, RARE AND MINOR—PRICES

Expenditures for and prices of rare elements produced by nonferrous metal plants. V. N. Leksin, A. G. Tokareva. TSvet. met. 35 no. 10:42-50 O '62.

METALS, SUBSTITUTES FOR

Substitute for metal. A. Sidorenko. Rech. transp. 21 no. 10:32-35 O '62.

METALS AT HIGH TEMPERATURES

Contact interaction of metal-like carbides, nitrides, and borides with high-melting metals at high temperatures. G. V. Samsonov, L. V. Strashinskaia, E. A. Shiller. Izv. AN SSSR. Otd. tekh. nauk. Met. i topl. no. 5: 157-160 '62.

Esin, O A , and P.V Gel'd. [Physical chemistry of pyrometallurgical processes] Fizicheskaia khimiia pirometallurgicheskikh protsessov Sverdlovsk, Metallurgizdat

Part 1: [Reactions between gaseous and solid phases] Reaktsii mezhdu gazoobraznymi i tverdymi fazami. 2 , ispr. i dop. Izd. 1962. 671 p

Investigating the magnetic susceptibility of Fe-Si, Fe-P, Mn-Si alloys at high temperatures. F. L. Dubinin, O. A. Esin, N. A. Vatolin. Fiz. met. i metalloved. 14 no. 4 589-594 O '62.

Simultaneous solubility of calcium and antimony in molten lead at 400° P. I. Fedorov, V. I. Shachnev. Izv. vys. ucheb. zav., tsvet. met. 5 no. 5 86-88 '62.

Stress-rupture strength of steel in liquid sodium containing oxygen. V. I. Nikitin. Fiz. met. i metalloved. 14 no. 4:613-617 O '62.

Structural stability and properties of 1Kh12V2MF, 1Kh12VNMF, and Kh11L3 steels. N. N. Popova, M. L. Kashnikova. Metalloved. i term. obr. met. no. 10:63-64 O '62.

METALS AT LOW TEMPERATURES

Variation of the electric resistance of pure metals with decreasing temperatures [with summary in English] B. N Aleksandrov, I. G Dinkov. Zhur. eksp. i teor fiz 43 no 4:852-859 '62.

METALWORK

Microgeometry of the surface due to rotary burnishing. N. A. Karasev, N. M. Denshchik Trudy Sem. po kach. poverkh. no. 5:375-385 '61.

Relationship between the microgeometry of machined surface and slurping conditions. IU. G. Proskurnikov, V. M. Men'shakov. Trudy Sem. po kach. poverkh no 5: 366-374 '61.

METALWORKING

Zhdanov, A. I. [Economic efficiency of advanced methods of metalworking, methods of calculation] Ekonomicheskaia effektivnost' progressivnykh metodov metalloobrabotki; metodika rascheta. Moskva, Ekonomizdat, 1962. 133 p.

METALWORKING LUBRICANTS

Mixer for obtaining atomized coolant. V. N. Serebrennikov. Stan. i instr. 33 no. 10:40 O '62

METALWORKING MACHINERY

Attachement to a turning lathe for the manufacture of screw parts. V. G Varlapetov, M D. Skibinskii Sudostroenie 28 no 9 61-64 S '62.

METAMICT STATE

Decrystallization of metamict pyrochlore under natural conditions. B. V. Chesnokov, S. P. Eremeev. Dokl. AN SSSR 146 no. 3 683-685 S '62.

METAMORPHOSIS

Reaction of the pancreas to injuries in frog larvae in relation to metamorphosis [with summary in English]. A. A. Voitkevich, L. N. Kuleshova. Biul. eksp. biol. i med. 53 no. 6:84-87 Je '62.

METASOMATISM see subdivision under Siberian Platform

METEORITES

Traces of life in space stones. B. Timofeev. Ogonek 40 no. 42, 20-21 O '62.

METEORITES—MAGNETIC PROPERTIES

Magnetic properties of meteorites. V. I Pochtarev, E. G. Gus'kova. Geomag. i aer. 2 no. 4, 749-756 Jl-Ag '62.

METEORS

Apparatus for the experimental study of the scattering of radio waves along meteor trails. L. V. Bairachenko, E. D. Podgorodetskii. Sbor. rab. po mezhdunar. geofiz. godu no. 1:49-51 '61.

Calculating the height of the homogeneous atmosphere of the earth from photographs of meteors. I. N. Kovshun. Geomag. i aer 2 no. 5,925-927 S-O '62.

Density of the earth's atmosphere from photographic observations of meteors in 1957. V. P. Konopleva. Sbor. rab. po mezhdunar. geofiz. godu no. 1:16-25 '61.

Determination of σ parameter and the L, R (t), and α (t) coefficients in the formula for calculating the height of the homogeneous atmosphere from photographs of meteors. I N. Kovshun. Geomag. i aer 2 no. 5,928-932 S-O '62.

Photographic observations of meteors at Kiev University Observatory in 1957. V. V. Beniukh and others. Sbor. rab. po mezhdunar. geofiz. godu no. 1:3-15 '61.

Possibility of calculating diagrams of the directivity of radar antennas from data from meteor observations. I. A. Dertugin, R. I. Moisia. Sbor. rab. po mezhdunar. geofiz. godu no. 1:37-43 '61.

Radar observations of meteor showers. V. G. Kruchinenko, R. I. Moisia, I. V. Bairachenko. Sbor. rab. po mezhdunar. geofiz. godu no. 1:26-36 '61.

Radar system operating in the 8-meter band for studying meteors. I. V. Bairachenko, R. I. Moisia. Sbor. rab. po mezhdunar. geofiz. godu no. 1:44-48 '61.

METEOROLOGICAL OPTICS

Luminous phenomena in the atmosphere. A. D. Zamorskii. Priroda 51 no. 10 70-82 O '62.

METHACRYLIC ACID

Synthesis of methacrylic acid based on isobutylene B. F Ustyashchikov, M. I Farberov, V. A. Podgornova Neftekhimiia 2 no. 4:592-599 Jl-Ag '62

METHANE

New method of synthesizing cis-cis-diene-methane systems. I. D Bergel'son, V A Vaver, M M Shemiakin Izv AN SSSR. Otd. khim nauk no 10 1894-1895 O '62

Preparation of 4,4'-diaminodicyclohexylmethane V. N. Kuchinskii, V. P Griz. Neftekhimiia 2 no 4 624-631 Jl-Ag '62

Telomerization between ethylene and dihalo derivatives of methane. I B Afanas'ev, A A. Beer. Neftekhimiia 2 no 4 611-616 Jl-Ag '62.

Telomerization of bromochloromethane with ethylene. I. B. Afanas'ev, A. A. Beer. Zhur. VKHO 7 no. 5:595-597 '62.

Vat residues of methylene chloride, a highly effective soil fumigant. V. P. Batiuk, M. IA. Pallenko. Khim. prom. [Ukr.] no. 1:36-39 Ja-Mr '62.

METHANOL

Dehydration of methylcyclopropylcarbinol in the presence of acid catalysts. L. Kh. Freidlin and others. Izv. AN SSSR Otd. khim nauk no. 10 1843-1849 O '62.

Modernization of methanol distillation in the production of orthonitroanisole. V. A Kononov. Khim. prom. [Ukr.] no. 1:87-88 Ja-Mr '62.

Preparation of methyl alcohol by catalytic hydration of dimethyl ether. B. I. Kruglov, V. I. Zubov, S. A. Shchepinov. Khim. prom. [Ukr.] no. 1:10-13 Ja-Mr '62.

Reactions of ethylenimine carbinols with diazo compounds. R. G Kostianovskii, O A IUzhakova, V. F. Bystrov. Izv AN SSSR Otd. khim nauk no. 9:1666-1669 S '62.

METHYL ETHER

Preparation of methyl alcohol by catalytic hydration of dimethyl ether. B. I. Kruglov, V. I. Zubov, S. A. Shchepinov. Khim. prom. [Ukr.] no. 1:10-13 Ja-Mr '62.

METHYLENE BLUE

Use of methylene blue in severe carbon monoxide poisoning. V. I. Mozhevich, V. I. Oleshkevich. Zdrav. Bel. 8 no. 5:54-55 My '62

METRONOME

An electronic metronome. N. Ovechkin. Radio no. 10: 60 O '62.

MEXICO—HISTORY

"Madero, a victim of Yankee imperialism" [in Spanish] by A. Taracena. Reviewed by E. G. Lapshov. Nov. i noveish. ist. no. 5:155-156 '62.

MIASS VALLEY—GOLD MINES AND MINING

Kuznechkin, IU. M. [Gold valley] Zolotaia dolina. [Sverdlovsk] Sverdlovskoe knizhnoe izd-vo, 1960. 62 p. illus. (MH)

MICHURIN, IVAN VLADIMIROVICH, 1855-1935

Michurin's principles and methods of breeding as a basis of Soviet plant growing. I. S. Gorshkov. Trudy TSGL 7:5-28 '61.

MICHURINSK—RADIOBROADCASTING

In the area of Michurinsk. D. Sitnikov. Sov. rad. i tel. 6 no. 6:23-25 '57.

MICROBIOLOGICAL SOCIETIES

In the governing Presidium of the All-Russian Medical Society of Epidemiologists, Microbiologists, and Infectious Disease Specialists. V. A. Bochkova. Zhur. mikrobiol., epid. i immun. 33 no. 3:155-157 Ag '62.

MICROBIOLOGY

(see also subdivision under India)

Mycobacterial contamination of air in the eating areas [in Armenian with summary in Russian]. A. K. Dashtoian. Izv. AN Arm. SSR. Biol. nauki 15 no. 7:71-78 '62.

MICROBIOLOGY—BIBLIOGRAPHY see Bibliography—Microbiology

MICROBIOLOGY—CONGRESSES

Fifth scientific session of the Khabarovsk Institute of Epidemiology and Microbiology. A. E. Essol'. Zhur. mikrobiol., epid. i immun. 33 no. 4:160-161 Ap '62.

MICROCLIMATOLOGY

Microclimatic investigations in the mountain forests of Transbaikalia A. P. Voloshina. Trudy Inst. lesa i drev. 54:5-29 '62.

MICROMANOMETER see Manometer

MICRO-ORGANISMS, NITROGEN-FIXING

Effect of weak electric currents on the development of free-living nitrogen-fixing micro-organisms in soil. P. V. Kravtsov, L. V. Kravtsova. Trudy TSGL 7:244-254 '61.

Selection, variability and preservation of cultures of micro-organisms used for the production of bacterial fertilizers [with summary in English]. V. T. Emtsev. Izv. AN SSSR, Ser. biol. no. 5:732-739 S-O '62.

MICROPHOTOGRAPHY

Errors of the microphotographing method in determining the microstructure of aerosols. S. S Khmelevtsov. Izv. vys. uch. zav., fiz. 3 161-169 '62

Photographic methods used for the accumulation of laboratory data S A Lipkin, G. G. Vorobi'ev Zav. lab 28 no 10 1221-1224 '62

MICROSCOPY

Microprojector. A Evseev. Nauka i zhizn' 29 no 6: 71 Je '62.

Using the method of replicas for optical microscopes P P. Berg, G K. Golubchik, G. P. Priporova. Lit. proizv. no. 10 41 O '62

MICROSCOPY—TECHNIQUE

Methods of cytological investigation of fruit trees and berry plants. O.S. Zhukov. Trudy TSGL 7 118-139 '61.

Small platform and receptacle for obtaining histological frozen microscopic sections. M. I. Efimov. Uch. zap. Biol.-pochv. fak. Kir. un. no. 7 225-228 '58.

MICROSEISMS

Practice of tracking cyclones from observations of microseisms on a polarized unit. E. M. Lin'kov Uch zap. LGU 303 138-145 '62

MICROWAVE AMPLIFICATION BY STIMULATED EMISSION OF RADIATION see Masers

MICROWAVE TUBES

Shevchik, V.N., G N.Shvedov, and A V Soboleva. [Oscillatory and wave effects in electron currents at super-high frequencies] Volnovye i kolebatel'nye iavlenila v elektronnykh potokakh na sverkhvysokikh chastotakh [Saratov] Izd-vo Saratovskogo univ., 1962. 334 p.

MICROWAVES

Comparison of statistical characteristics of the fluctuation of the field of direct and reflected ultrashort radio wave signals in the troposphere. Radiotekh i elektron. 7 no. 10;1699-1702 O '62.

Fluctuation radiation of a small ferrite sphere at ferromagnetic resonance. IA. A Monosov. Radiotekh. i elektron. 7 no. 10;1730-1737 O '62.

Noise coefficient theory of a ferrite *microwave amplifier*. IA. A. Monosov. Radiotekh i elektron 7 no. 10;1738-1748 O '62.

Resonator device using ferrite as a coupling element between rotational and gradient fields. IU.E. Lavrenko. *Izv. LETI 57 no. 39;20-37 '58*

Shevchik, V N., G N Shvedov, and A.V Soboleva. [Oscillatory and wave effects in electron currents at super-high frequencies] Volnovye i kolebatel'nye iavlenila v elektronnykh potokakh na sverkhvysokikh *chastotakh. [Saratov] Izd-vo Saratovskogo univ.*, 1962. 334 p.

Some characteristics of electron wave propagation in beams passing through systems with inductive reaction. L. V. Kazatkin. Radiotekh i elektron. 7 no 10;1841-*1843 O '62.*

Some remarks concerning the calculation of losses in a H-type metal-dielectric wave guide. E. M Gutsait. Radiotekh. i elektron. 7 no 10.1831-1834 O '62.

Theoretical determination of the parameters of a coaxial cable and wave guide coupling. IU IA. IUrov, V.V. Rogozin. Izv. LETI 57 no. 39 3-19 '59.

Transmission of energy in crossed wave guides using magnetized ferrite A. L. Mikaelian, M. M. Koblova. Radiotekh. i elektron. 7 no. 10;1835-1838 O '62.

Use of a variable parameter method for calculating the static characteristics of a microwave frequency discriminator. I. G. Kirenskii. Izv. LETI 57 no. 39;84-97 '59.

MICROWAVES—DIFFRACTION

Diffraction at the open end of a sectorial horn. B. E. Kinber. Radiotekh. i elektron. 7 no 10;1749-1762 O '62.

MIEŽELAITIS, EDUARDAS, 1919-

Hymn to man! S. A. Kryzhanivs'kyi. Rad. lit. 6 no. 4: 99-105 Jl-Ag '62.

MIGMATITES see subdivision under Krivoy Rog Basin

MIKHA TSKHAKAYA DISTRICT—DAIRYING

How to increase milk yields, S. Kuchava. Biok. agit. [Gruz.] no. 1:33-36 Ja '60.

MIKHAILOV—HISTORY

New data on the history of the city of Mikhailov. B. I. Katagoshchin. Uch. zap. RGPI 28 79-81 '61.

MIKHAILOV, MAKSIM DORMIDONTOVICH, 1893-

Kuznetsova, A.S. [Maksim from Kol'tsovka; a tale about a People's Artist] Maksim iz Kol'tsovki; povest' o Narodnom artiste. Cheboksary, Chuvashskoe gos. *izd-vo, 1962. 270 p.*

MIKHAYLOVKA (KHERSON PROVINCE)—BRONZE AGE

Lahodova'ka, O. F., O. H. Shaposhnykova, and M. L. Makarevych. [The Mikhaylovka settlement] *Mykhaillivs'ke poselennia.* Kyiv, Vyd-vo Akad. nauk URSR, 1962. 245 p.

MIKOIAN, ANASTAS IVANOVICH, 1895-

A. I. Mikoian in the Berlin Television Studio. Sov. radio *tel. 6 no. 5 10 '57.*

MILDEW see subdivision under Kabakto Mountains

MILITARISM see subdivision under Germany; Germany, West

MILITARY AID see Military assistance

MILITARY AIRPLANES see Airplanes, Military

MILITARY ART AND SCIENCE

The nature and special features of present-day wars. D. Palevich. Komm. Vooruzh. Sil 3 no. 21-76-82 N '62.

Purposefulness and thoroughness in military operations. G. Fedorov. Komm. Vooruzh Sil 3 no. 21 9-18 N '62.

MILITARY ART AND SCIENCE—BIBLIOGRAPHY see Bibliography—Military art and science

MILITARY ASSISTANCE

Pack of wolves. V. Kovrov. Sov. voin 44 no. 20, 44-15 O '62.

MILITARY ASSISTANCE, AMERICAN see subdivision under Indochina, Israel

MILITARY ASSISTANCE, RUSSIAN see subdivision under Cuba

MILITARY BASES see subdivision under Iran

MILITARY BASES, AMERICAN see subdivision under Great Britain; Guantanamo, Cuba

MILITARY COMMUNICATIONS see Communications, Military

MILITARY DEMOLITION see Demolition, Military

MILITARY DISCIPLINE

Always and in all respects try to equal the Communists. A. Lizichev. Komm. Vooruzh. Sil 3 no. 20 69-74 O '62.

Communists, the guardians of discipline N. Gurzdev. Voen vest 42 no. 10 38-40 O '62.

Discipline is the foundation of military service F. Gavrikov Voen znan. 38 no 10 15-16 O '62

How we observe the rules of the "ethical code." Komm. Vooruzh. Sil 3 no. 21 39-45 N '62.

We should teach our fliers to be exact and industrious. N. Shchepankov, A. Krylov. Komm. Vooruzh. Sil 3 no. 20-32-37 O '62.

You must strictly and unwaveringly observe the promises of your military oath. V. Cherednichenko. Komm. Vooruzh. Sil 3 no. 20 75-79 O '62.

MILITARY EDUCATION

(see also subdivision under Kemerovo, Krasnodar Territory; White Russia)

Conducting report and election meetings. Voen. znan 38 no 10 8 O '62.

Future officers in special training. F. Pimenov. Voen. vest. 42 no. 10 59-60 O '62.

If you are an educator.... I. Maksimov Voen. vest. 42 no. 10 75-77 O '62.

Kamsiuk, S.A., comp. [Prompted by life; new ways of training fighting men] Podskazannoe zhizn'iu, o novykh formakh vospitaniia voinov. Moskva, *Voenizdat, 1962.* 102 p.

Let's improve the Marxist-Leninist education of commissioned officers. D. Reshetov. Komm. Vooruzh. Sil 3 no. 20;18-25 O '62.

Member of the All-Union Volunteer Society for Assistance to the Army, Air Force and Navy. Kryl. rod. 13 *no. 10;1 O '62.*

New tasks and obsolete methods. A. Trifonov and others. Voen vest. 42 no. 10;55-59 O '62.

Reliable control as a guarantee of success in battle. F. Gavrikov. Voen. vest. 42 no. 10;16-19 O '62

A school for the commanders of tank units. I. Kirpichenko. Voen.-ist. zhur. 4 no. 10;108-111 O '62.

Strengthen the defense of the country. A. Katrich. Kryl. rod. 13 no. 9;10-11 S '62.

Training patriots. F Kokin. Voen znan. 38 no. 10. 13-14 O '62.

Young soldiers come of age. A. Terekhov. Voen. znan. 38 no. 10;19-20 O '62

MILITARY ENGINEERS

Astashenkov, P.T., comp. [Military engineer is an energetic teacher] Voennyi inzhener - aktivnyi vospi*tatel'; sbornik* statei i ocherkov Moskva, Voenizdat, 1962. 126 p.

MILITARY FIELD ENGINEERING

Organizing barrier lines in defense; a group exercise with officers. V. Prokopchuk. *Voen. vest.* 42 no. 10; 83-87 O '62.

MILITARY LIBRARIES

Moscow. Publichnaia biblioteka. Voennyi otdel. [Standard catalog for regiment and ship libraries] Tipovoi *katalog polkovoi i korabel'noi* biblioteki. Moskva. Vol. 1 1959. (NNC)

MILITARY MUSEUMS

In the Far East. K. Karapetian, N. Pronina, V. Sosnina. Voen.-ist. zhur. 1 no 10;119-121 O '62.

MILITARY RECONNAISSANCE

(see also subdivision under United States)

Helicopters in combat engineering reconnaissance. A Demidov. Voen vest. 42 no. 10 87-90 O '62

Perminov, S.I. [Military reconnaissance scouts] Voiskovye razvedchiki Moskva, Voenizdat, 1962. 59 p. (Biblioteka serzhanta)

Reconnaissance scouts in ambush V. Golevko. Voen vest. 42 no. 10 49-51 O '62.

MILITARY SKETCHING

Shorter time for preparing graphic documents. G. Krasnonosen'kii. Voen vest. 42 no. 10;34 O '62.

MILK—ANALYSIS AND EXAMINATION

(See also subdivision under Vitebsk)

Calculation of the content of dry substance and dry skim milk residue in milk O. I Kunava. Trudy NIVI 1 301-307 '60.

Photometric determination of protein in milk [with summary in English]. A. D. Golubchov. Vop. pit. 21 no. 3;17-22 My-Je '62.

MILK—MICROBIOLOGY

Results of a study of the excretion of Brucella with the milk in vaccinated cows G. A Obtiedkov Trudy NIVI 1 24-25 '60

MILK—PASTEURIZATION

Heat resistance of the pathogens of paratyphoid fever of calves contained in milk and some milk products. I. Y. Zagnievul'yi, V. I. Kramarenko. Vlinyk silskogosp. *nauky 5 no. 9;129-131 S '62.*

MILKING—BIBLIOGRAPHY see Bibliography—Milking

MILKING MACHINES

The design of DA-3M milking apparatus should be improved. M. Gallatov. Tekh. v sel'khoz. 22 no. 8;30 Ag '62.

Eliminate the shortcomings in the "Elochka" milking machine. Tekh. v sel'khoz. 22 no. 8;60 Ag '62.

"Merry-go-round" pays D Berger. Part. zhizn' Kazakh no 6 70-74 Je '62.

MILKY WAY

Evaluating the optical half-thickness of absorbing matter in the Milky Way. Iu P Pskovskii, A. S. Sharov. Soob GAISH no. 117 21-23 '61.

Relationship between the general and selective light absorption in the Galaxy [with summary in English]. O. A. Mel'nikov. Izv. GAO 22 no. 2 126-136 '61.

MILLING MACHINERY

Akunov, V. I. [Jet mills; elements of theory and design] Struinye mel'nitsy; elementy teorii i rascheta. Moskva, Mashgiz, 1962. 263 p.

Automatic control of the operation of ball mills in a closed cycle. Iu. S. Sosnovskii. Izv. vys. ucheb. zav.; gor. zhur. no. 9;148-154 '61.

Vortex-jet mill. Z. A. Deniskin. Zhur. VKHO 7 no. 5: 577-578 '62.

MILLING MACHINES

Avrutin, S. V. [Efficient work of a milling machine operator] Ratsional'naia rabota frezerovshchika. Izd. 6., perer. i dop. Moskva, Mashgiz, 1962. 300 p.

Protective screen for vertical milling machines. A. M. Grigor'ev. Mont. i spets. rab. v atrol. 24 no. 10;21 O '62.

MINE BUILDINGS

Vas'kovskii, A. N. [Handbook on sanitary engineering equipment for the surface of mines] Spravochnik po sanitarno-tekhnicheskomu oborudovaniiu poverkhnosti *shakht.* Moskva, Gosgortekhizdat, 1962. 207 p.

MINE COMMUNICATIONS

Apparatus for dispatcher communications in mines F. S *Bisin, G. P. Vereshchagin, F. L. Sergeev. Ugol' Ukr* 6 no. 10;38-39 O '62.

Improving the signalization systems in mine shafts. G. I. Pokrovskii. *Ugol' 37 no 10 33-37 O '62.*

MINE DRAINAGE see subdivision under Kursk Magnetic Anomaly; Kustanay Province; Moscow Basin

MINE DRAINAGE—ELECTRIC EQUIPMENT

Use of electroosmosis drainage in mining. D. M. Khokhlovkin. Gor. zhur. no. 11;24-25 N '62.

MINE DUSTS

(see also subdivision under Cholyabinsk Basin)

Controlling coal dust by the method of injecting water into a layer in development workings and stopes. E. I. Ontin. Sbor. rab. *po silik. no. 3;71-78 '61.*

Controlling dust formation in the Korkino open-pit mine. K. V. Kochnev, N. A. Reznikov, S. S. Filatov. Sbor. rab. po silik. no. 3;79-85 '61.

Distribution of particles of ore dust along the length and width of a longwall. V. I. Shchipkov. Izv. vys. ucheb. zav.; gor. zhur. 5 no 8;76-81 '62.

MINE DUSTS (Continued)

Effect of the speed and initial dust content of an air current on its picking up dust from the surface of mine workings. K. V. Kochnev, V. V. D'iakov, V. I. Kovalev. Shor. rab. po silik. no. 3 119-128 '61.

Increasing the efficiency of preventive water infusion in coal seams in mines. G. G. Panov. Ugol' 37 no. 11 48-51 N '62.

Intensity of dust formation under various mining systems in some Ural iron-ore mines. V. A. Ivanov, L. N. Prokop'ev, V. V. D'iakov. Shor. rab. po silik. no. 3 19-31 '61.

Intensity of the dissemination of dust into the mine atmosphere during various mining operations in Ural iron-ore mines. V. I. Kovalev, V. V. D'iakov. Shor. rab. po silik. no. 3 101-108 '61.

Internal water tamping of holes as a means of dust control. V. V. Kudriashov, A. N. Skvortsov. Ugol' 37 no. 10 46-48 O '62.

Measures for keeping dust down more efficiently in wet drilling. G. S. Vasilomeev, P. A. Kosnov. Shor. rab. po silik. no. 3 17-53 '61.

Number of measures for keeping down dust in mining ore deposits. F. N. Ryzhkov, B. A. Semenenko. Shor. rab. po silik. no. 3 41-45 '61.

Relationship between the natural moisture in coal and the amount of dust in the atmosphere. T. K. Efremova. Shor. rab. po silik. no. 3 65-70 '61.

Results of scientific studies on the technical prevention of silicosis. K. V. Kochnev. Shor. rab. po silik. no. 3, 3-9 '61.

Searching for new methods of controlling dust. V. I. Uskov. Shor. rab. po silik. no. 3 11-17 '61.

MINE DUSTS—ANALYSIS

Composition of mine dusts and ash from the lungs of silicotuberculosis patients. P. I. Tiutin. Shor. rab. po silik. no. 3:120-146 '61.

Using the petrographic method to determine the mineral composition, dispersion, and specific surface of dusts. P. I. Tiutin. Shor. rab. po silik. no. 3:147-153 '61.

MINE DUSTS—MEASUREMENT

Evaluation of the accuracy of indirect methods of dust control. V. V. Kudriashov. Shor. rab. po silik. no. 3 161-162 '61.

New instruments for determining the dust content of the air in mines. M. I. Volokhov. Shor. rab. po silik. no. 3:155-159 '61.

MINE FILLING

(see also subdivision under Donets Basin, Kuznetsk Basin)

Sonin, S. D., and B. M. Vorob'ev. [Technological flow charts of rock disposal in mines] Tekhnologicheskie skhemy razmeshchenila porody v shakhte. Moskva, Gosgortekhizdat, 1961. 161 p.

Studying the supporting capacity and elastic properties of fills. N. I. Kukaov. Izv. ucheb. zav., gor. zhur. no. 9 59-65 '61.

MINE FILLING—HYDRAULIC EQUIPMENT

Use of hydraulic fill methods for the distribution in the mine of rocks obtained in the mining of development workings in Donets Basin flat coal seams. V. V. Dobrovol'skii, T. D. Basishvili, A. IA. Kodentsov. Ugol' 37 no. 11 29-34 N '62.

MINE GASES

(see also subdivision under Donets Basin)

Degasification of the accessories of steeply dipping coal seams. I. M. Pechuk. Trudy MakNII 10 140-155 '60.

Determining the direction of degasification boreholes. I. M. Pechuk. Trudy MakNII 10 41-59 '60.

Determining the possibility of applying short-delay blasting in seams subjected to coal and gas outbursts. L. I. Popov. Trudy MakNII 10:296-302 '60.

Need for modernization of the LBS-4 boring machine. N. E. Voloshin, A. A. Nakhatovich, I. P. Panasovskii. Ugol' 37 no. 11:64 N '62.

Summary of works conducted in the field of the development of boring machinery for the control of sudden outbursts and gas removal in coal seams. M. S. Androsov. Ugol' 37 no. 11:58-59 N '62.

MINE HAULAGE

Analytical method of determining the optimum parameters of dumps when truck haulage is used. M. A. Mikulinskii and others. Izv. vys. ucheb. zav. gor. zhur. 5 no. 8 18-25 '62.

"Problems of mine transportation"; articles edited by N. S. Poliakov. 4 vols. Reviewed by A. A. Shvartsman. Izv. vys. ucheb. zav., gor. zhur. no. 10:172-179 '61.

Selection of efficient types of truck haulage for open-pit mines. P. F. Smychko. Gor. zhur. no. 11 3-6 N '62.

Spivakovskii, A. O., M. G. Potapov, and A. V. Andreev. [Transportation in open-pit mines] Transport na otkrytykh razrabotkakh. Moskva, Gosgortekhizdat, 1962. 392 p.

Use of compressed air power for underground and surface coal conveying. B. I. Zasadych. Ugol' 37 no. 11: 38-41 N '62.

MINE HAULAGE—COSTS

Using linear programming methods to determine the optimum rock haulage in mines. B. M. Vorob'ev. Nauch. trudy MGI no. 38:127-145 '61.

MINE HAULAGE—EQUIPMENT AND SUPPLIES

Efficiency of the unit method of repairing mine haulage equipment. F. K. Grossov. Gor. zhur. no. 10 49-53 O '62.

MINE HOISTING

Determining the length limit of wire rope stringa for mine hoisting. I. N. Pocheptsev. Izv. vys. ucheb. zav., tsvet. met. 5 no. 5 20-27 '62.

MINE MANAGEMENT

Changing the principle of planning production and wages in working vein deposits. D. R. Rinchino. Izv. vys. ucheb. zav., gor. zhur. no. 10 118-120 '61.

Correlation analysis of the mechanization of stoping operations. F. T. Gaponenko. Ugol' 37 no. 10 39-42 O '62.

Labor consumption in supporting operations in the mining industry should be curtailed. N. S. Sindarovskii, A. G. Shpital'nikov. Gor. zhur. no. 10 3-6 O '62.

Rudnitskii, M. L., and V. A. Sudrab. [Handbook for miners engaged in strip mining of nonferrous metal ores, diamonds, and mica] Pamiatka dlia rabochikh, zaniatykh na dobyche rud tsvetnykh metallov, almazov i slidy otkrytym sposobom. Moskva, Gosgortekhizdat, 1962. 170 p. (Organizatsiia i oplata truda)

Rudnitskii, M. L., and V. A. Sudrab. [Handbook for miners engaged in underground mining of nonferrous ores, diamonds, and mica] Pamiatka dlia rabochikh, zaniatykh na podzemnykh rabotakh po dobyche rud tsvetnykh metallov, almazov i slidy. Moskva, Gosgortekhizdat, 1962. 153 p. (Organizatsiia i oplata truda)

Rudnitskii, M. L., and V. A. Sudrab. [Handbook for miners working on the surface of nonferrous metal mines] Pamiatka dlia rabochikh, zaniatykh na poverkhnosti rudnikov i shakht tsvetnoi metallurgii. Moskva, Gosgortekhizdat, 1962. 122 p. (Organizatsiia i oplata truda)

MINE RAILROADS—CARS

Turntable for transporting mine cars from two cages to the dumper and back. V. A. Rikman, L. A. Reznik, L. V. Grishpun. Gor. zhur. no. 10 76 O '62.

MINE ROOF BOLTING

(see also subdivision under Kuznetsk Basin; Moscow Basin, Rostov Province)

Anchor bolting in hydraulic mines. V. B. Belov and others. Ugol' Ukr. 6 no. 10.31-32 O '62.

Basis for a possibility of anchoring heaving soil types in the Moscow Basin. I. I. Cherniak. Nauch. trudy MGI no. 38 33-43 '61.

Relation of the carrying capacity of roofs to the length of rod bolting and the width of chambers in chamber and pillar mining. Khuan Er'-chzhao [Huang Er-chao]. Izv. vys. ucheb. zav., tsvet. met. 5 no. 5:15-19 '62.

Using models to study soil heaving in mine workings and controlling it with anchor piles. I. I. Cherniak. Nauch. trudy MGI no. 38:45-60 '61.

MINE SURVEYING

(see also subdivision under Krivoy Rog Basin)

Accuracy of a mine survey in working placer deposits by the open-pit method. L. E. Radionov, K. S. Vorkovastov. Gor. zhur. no. 11:64-67 N '62.

Bakhurin, I. M. [Course in mine surveying; advanced part] Kurs marksheiderskogo dela; spetsial'naia chast'. Izd. 2. Moskva, Vysshaia shkola, 1962. 493 p.

Fedorov, B. D., and A. Kh. Slavorosov. [Principles of geodesy and mine surveying] Osnovy geodezii i markscheiderskogo dela. Moskva, Gosgortekhizdat, 1962. 327 p.

MINE SURVEYING—EQUIPMENT AND SUPPLIES

Instrument incorrectly described. S. V. Orlovskii. Izv. vys. ucheb. zav.; gor. zhur. no. 9:195-196 '61.

Necessary objectivity lacking. D. N. Ogloblin. Izv. vys. ucheb. zav., gor. zhur. no. 9:193-194 '61.

MINE TIMBERING

(see also subdivision under Karaganda Basin; Safanovo region, Smolensk Province)

Calculating the load on a stope support. N. A. Suborov. Izv. vys. ucheb. zav., gor. zhur. 5 no. 6:26-29 '62.

Kotliarov, S. I., D. K. Zimin, and N. A. Frolov. [Problems on the mining operations of drifting and timbering] Zadachnik po gornym rabotam, provedeniiu i kreplenilu gornykh vyrabotok. Izd. 2., perer. i dop. Moskva, Gosgortekhizdat, 1962. 311 p.

Loads of rubbish on the suspension supports in pitching seams. A. I. Burtsev. Nauch. trudy MGI no. 38:113-126 '61.

Theory of the movement of loose rocks in a mined-out area of pitching seams and the interaction of them with flexible movable supports. A. I. Burtsev. Nauch. trudy MGI no. 38:191-201 '61.

MINE TIMBERING—EQUIPMENT AND SUPPLIES

Timber-installing machine. L. N. Korzhuk, V. P. Konukhin. Gor. zhur. no. 10:75-76 O '62.

MINE TIMBERING—HYDRAULIC EQUIPMENT see subdivision under United States

MINE VENTILATION

(see also subdivision under Donets Basin; India, South Africa, Republic of, Ural Mountains)

Features of the heat conditions of mines in the permafrost zone. I. D. Dladkin. Izv. vys. ucheb. zav., gor. zhur. 5 no. 8 82-88 '62.

Specific features of unsteady heat exchange in stopes of deep mines. V. A. Bogolavlenskii. Izv. vys. ucheb. zav., gor. zhur. no. 9:85-91 '61.

Temperature stresses in rocks around underground workings. F. A. Belenko. Izv. vys. ucheb. zav., gor. zhur. 5 no. 8, 51-59 '62.

Use of the TM-1, 75 boring unit for drilling air holes. A. V. Makarov. Ugol' 37 no. 11 42-43 N '62.

Ventilation for dust removal in stopes of coal mines. T. K. Efremova, N. F. D'iba. Shor. rab. po silik. no. 3 209-215 '61.

Ventilation system with by-pass ducts in the vertical plane. L. IA. Shilo. Ugol' 37 no. 11 52-54 N '62.

MINE VENTILATION—COLD WEATHER CONDITIONS

Efficiency of using heat pumps for temperature equalization in mines. O. A. Bogavevskii. Ugol' 37 no. 11: 51-52 N '62.

MINE VENTILATION—EQUIPMENT AND SUPPLIES

Method of evaluating and comparing the aerodynamic qualities of flexible air ducts. N. A. Bogomolov. Izv. vys. ucheb. zav., gor. zhur. no. 9:80-81 '61.

Simple TUBV device for remote control of block-type fans in mines. E. G. Fainshtein, G. I. Kozailov. Izv. vys. ucheb. zav., gor. zhur. 5 no. 8 150-154 '62.

MINE WATER see subdivision under Kursk Magnetic Anomaly; Moscow Basin

MINERAL INDUSTRIES

Glagolev, V. A., and V. V. Zhukov. [Technical principles of the mining and fuel industry] Osnovy tekhnologii gornorudnoi i toplivnoi promyshlennosti. Pod red. A. A. Bolko. Moskva, Gosgortekhizdat, 1962. 382 p.

MINERAL WATERS

(see also subdivision under Caucasus, Kamchatka, Kislovodsk; Pyatigorsk)

Some problems in the method of crenotherapy in disorders of the motor function of the stomach in chronic gastritis. A. G. Sankin. Uch. zap. Pyat. gos. nauch.-issl. balin. inst. 3:96-106 '60.

MINERAL WOOL

Operation of the centrifugal blast method of manufacturing mineral wool out of local carbonate raw materials. I. V. Miller, IA. K. Priedite. Stroi. mat. 8 no. 9:22-25 S '62.

MINERALOGICAL SOCIETIES

Report on the activity of the All-Union Mineralogical Society in 1961. S. P. Solov'ev. Zap. Vses. min. ob-va 91 no. 3.370-380 '62.

Third Session of the International Mineralogical Association. F. V. Chukhrov. Izv. AN SSSR Ser. geol. no. 10: 121-124 O '62.

MINERALOGY see subdivision under Carpathian Mountain region, Kazakhstan

MINERALOGY, DETERMINATIVE

Akademiia nauk SSSR. Institut geologii rudnykh mestorozhdenii, petrografii, mineralogii i geokhimii. [Methods for the chemical analysis of materials] Metody khimicheskogo analiza mineralov. Vol. 1. Moskva, Izd-vo Akad. nauk SSSR, 1961. 90 p. (Trudy, no. 64)

Methods for determining diamonds and some translucent minerals. I. I. Dorofeeva. Izv. vys. uch. zav.; geol. i razv. 5 no. 7:125-126 Jl '62.

MINERALS

(see also subdivision under Siberia)

Aksaite, a new hydrous magnesium borate. L. P. Blazko, V. V. Konda'eva, IA. IA. Arzhemskii. Zap. Vses. min. ob-va 91 no. 4-447-454 '62.

Apropos of the review of volume 1 "Minerals"; a reference book by A. A. Kukharenko, V. A. Frank-Kamenetskii, I. I. Shafranovskii, F. V. Chukhrov, E. M. Bonshtedt-Kupletskaia. Zap. Vses. min. ob-va 91 no. 4:498-502 '62.

Boarsite, an arsenic analogue of moraesite. E. V. Kopchenova, G. A. Sidorenko. Zap. Vses. min. ob-va 91 no. 4 442-446 '62.

Study of the thermoluminescence of minerals and rocks. A. D. Rakcheev. Biul. MOIP. Otd. geol. 37 no. 3:122-123 My-Je '62.

What is a mineral? Concerning D. P. Grigor'ev's article. A. S. Povarennykh. Zap. Vses. min. ob-va 91 no. 4-493-498 '62.

MINERALS IN SOIL see subdivision under Moskva Valley

MINERS

High toiling. Nikolai Vnuk. Sov. profsoiuzy 18 no. 20: 27-30 O '62.

MINES AND MINERAL RESOURCES

(see also subdivision under Krasnoyarsk Territory, Turkmenistan)

Scientific council for studying regularities in the distribution of deposits of main useful minerals. E. M. Kamshilina. Biul. tekh.-ekon. inform. Gos. nauch.-issl. inst. nauch. i tekh. inform. no. 10.72-73 '62.

MINING ENGINEERING
(see also subdivision under Altai Mountains, Bulgaria, Nikopol' region)

Bolarskii, V. A., and I. P. Kirichenko. [Chemical methods in mining] Khimiia--rudokop. Moskva, Izd-vo "Znanie," 1962. 39 p. (Novoe v zhizni, nauke tekhnike IV Seriia Tekhnika, no. 16)

Economic evaluation of variations in opening up ore deposits. I. M. Panin. Nauch. trudy MGI no. 38:297-301 '61.

Effect of some factors on the stability of untouched blocks of ore. V. I. Borshch-Kompaneets, V. M. Gudkov, V. B. D'iakovskii. Izv. vys. ucheb. zav.; gor. zhur. no. 10:76-84 '61.

Evaluating factors affecting the stability of dump piles of operating pits. A. A. Lebedkova, M. I. Ibraimov. Izv. AN Uz. SSR, Ser. tekh. nauk 6 no. 5:72-78 '62.

Kotliarov, S. I., D. K. Zimin, and N. A. Frolov. [Problems on the mining operations of drifting and timbering] Zadachnik po gornym rabotam, provedeniiu i krepleniiu gornykh vyrabotok. Izd. 2., perer. i dop. Moskva, Gosgortekhizdat, 1962. 311 p.

Mechanism of breaking and force required in straight cutting of brittle solids. G. I. Sosunov. Izv. vys. ucheb. zav., gor. zhur. no. 10:60-65 '61.

New form of creative collaboration between scientists and industrial workers. Izv. vys. ucheb. zav.; gor. zhur. no. 10, 5-7 '61.

Pollakov, N. M., and N. I. Chizhikov. [Special methods in mining] Provedenie gornykh vyrabotok spetsial'nymi sposobami. Moskva, Gosgortekhizdat, 1962. 373 p.

Relation of the carrying capacity of roofs to the length of rod bolting and the width of chambers in chamber and pillar mining. Khuan En'-chzhao [Huang En-chao]. Izv. vys. ucheb. zav., tsvet. met. 5 no. 5:15-19 '62.

Shashurin, S. L. [Secondary mining of nonferrous and rare metal deposits] Povtornaia razrabotka mestorozhdenii rud tsvetnykh i redkikh metallov. Moskva, Gosgortekhizdat, 1962. 237 p.

Using linear programming methods to determine optimum rock flowages in mines. B. M. Vorov'ev, V. A. Evtushenko, L. V. Ershov. Izv. vys. ucheb. zav., gor. zhur. no. 9:77-79 '61.

MINING ENGINEERING--ABSTRACTS

[Mining] Ref. zhur. Gor. delo no. 10 O '62. Avtorskii ukazatel' za 1961

MINING ENGINEERING--EQUIPMENT AND SUPPLIES
(see also subdivision under Tekeli region, Kazakhstan)

Murzin, V. A., and Iu. A. TSeitlin. [Turbocompressors in the mining industry of the U. S. S. R.] Turbokompressory v gornoi promyshlennosti SSSR. Moskva, Gosgortekhizdat, 1962. 70 p.

Pneumatic apparatus for automatically maintaining constant pressure in underground mines. F. A. Abramov. Izv. vys. ucheb. zav., gor. zhur. no. 10:149-153 '61.

Salgus, K. A. [Handbook on lumber used in the mining industry] Spravochnik po lesnym materialam, primeniaemym v gornoi promyshlennosti. Moskva, Gosgortekhizdat, 1962. 301 p.

MINING ENGINEERING--SAFETY MEASURES

Preventing outbursts at the expense of a complete roof caving. R. M. Krichevskii, G. R. Moroz. Trudy MakNII 10:120-135 '60.

MINING ENGINEERING--STUDY AND TEACHING

Gap in the training of a mining engineer. R. IA. Naerov. Izv. vys. ucheb. zav., gor. zhur. no. 9:185-186 '61.

MINING ENGINEERING--EDUCATION AND TRAINING

Concerning the training of mining engineers with a background in electromechanics in the automation of industrial operations. A. A. Shvartsman. Izv. vys. ucheb. zav., elektromekh. 5 no. 5:690-692 '62.

MINING MACHINERY

BPM-1 vibrating drill and loader. V. A. Maksimov and others. Gor. zhur. no. 10:53-56 O '62.

Complete mechanization in the mining industry and its results. K. V. Zebzeev. Izv. vys. ucheb. zav., gor. zhur. no. 10:85-95 '61.

"Mining machinery" by A. V. Topchiev, V. I. Vedernikov. Reviewed by I. L. Faibisovich. Izv. vys. ucheb. zav.; gor. zhur. no. 10:171 '61.

[Mining mechanics] Gornaia mekhanika. [By] K. S. Borisenko i dr. Moskva, Gosgortekhizdat, 1962. 406 p.

MINING MACHINERY--ABSTRACTS

[Manufacture of construction equipment and road machinery. Mining machinery] Ref. zhur. Otd. vyp. 43: Stroi. i dor. mashinostr. Gor. mash. nos. 21-22 N '62.

MINING MACHINERY--ELECTRIC DRIVING

Chulkov, N. N. [Small asynchronous electric drives for use in mines and means for regulating them] Asinkhronnyi rudnichnyi elektroprivod maloi moshchnosti i sposoby ego regulirovaniia. Moskva, Gosgortekhizdat, 1961. 162 p.

MINING MACHINERY--TESTING

Study and design of rubber-metal parts undergoing shear. V. N. Poturaev. Izv. vys. ucheb. zav.; gor. zhur. no. 9:165-162 '61.

MINING RESEARCH
(see also subdivision under Ukraine)

The experience of Kuznetsk Basin miners made available to all coal basins of the country. P. A. Trubin. Ugol' 37 no. 10:57-58 O '62.

Reorganization of the work of the institutes in the light of the decisions of the 22d Congress of the CPSU. IU. V. Kozin, L. V. Grinshpun, N. G. Vereskunov. Ugol' 37 no. 11:8-13 N '62.

"Research on methods of unmanned coal mining in foreign countries" by I. A. Bebokin, G. G. Suetin. Reviewed by A. P. Shinokov. Ugol' 37 no. 11:61-62 N '62.

MINK BREEDING

Effect of the heterozygotic nature of the maternal organism on the vitality of the progeny. D. K. Beliaev, V. I. Evsikov. Dokl. AN SSSR 146 no. 6:1414-1417 O '62.

MINORITIES see subdivision under Russia

MINSK--AUTOMOBILE INDUSTRY

Minsk automobiles. N. Kalamatskaia. Rab. i stroi. 38 no. 10:2 O '62.

Search and you will find. V. D. Svichkarev. Mashinostroitel' no. 10:4-5 O '62.

MINSK--CIVIC IMPROVEMENT

A voyage into the future. V. Metlin. Belarus' 19 no. 10:5-6 O '62.

MINSK--CONSTRUCTION INDUSTRY

Bulakhov, D. G. [We are building a city] Stroim gorod. Minsk, Gos. izd-vo BSSR, 27 p. (Bibliotechka novatora)

MINSK--HISTORY

Gerts, IA. Sh., and S. M. Shvarts. [The Zubatov movement in Minsk] Zubatovshchina v Minske. New York, 1962. 20 p.

MINSK--LAUNDRIES, PUBLIC

Skillful hands and warm hearts. Zhil.-kom. khoz. 12 no. 3:17 Mr '62.

MINSK--LECTURES AND LECTURING

Sunday lectures in Minsk. S. Kononov. Blok. agit. [Bel.] no. 20:21-30 S '59.

MINSK--MACHINERY INDUSTRY

Propagandists are struggling for technological progress. P. Khadnevich. Blok. agit. [Bel.] no. 24:28-33 Ag '59.

MINSK--RADIO JOURNALISM

This is the public address station of our industrial plant. K. Petrov. Blok. agit. [Bel.] no. 4:25-29 F '60.

MINSK--TRADE UNIONS

Striving to widen the number of activists. A. Dubovets. Meat. prom. i khud. promys. 3 no. 8:6-7 Ag '62.

MINUSINSK (KRASNOYAR TERRITORY)--HISTORY

Koltorakov, K. A. [Stormy days; literary notes by Mikhail Kuz'kin] Grozovye dni; literaturnaia zapis' Mikhaila Kuz'kina. Abakan, Khakasskoe knizhnoe izd-vo, 1961. 57 p.
(MII)

MIRACLES see subdivision under Konela; Ukraine

MIRNYY--RADIO PROGRAMS

Radio newspaper in Mirnyy. A. Dorokhin. Sov. rad. i tel. 6 no. 5:20-21 '57.

MISSIONARIES

Missionaries. Nauka i rel. no. 5:82-83 My '62.

MISSISSIPPI--SEGREGATION IN EDUCATION

Tragedy in Mississippi. G. Garkov. Ogonek 40 no. 42:30-31 O '62.

MISTLETOE see subdivision under Ukraine

MITES
(see also subdivision under Kazakhstan)

Case of the isolation of the Erysipelothrix pathogen from gamasid mites. O. V. Ovasapian, V. V. Oganesian. Zhur. mikrobiol., epid. i immun. 33 no. 4:123-124 Ap '62.

MITRAL VALVE--DISEASES

Apropos of L. D. Krymskii's article, "Anatomical and clinical features specific to the course of mitral stenosis of rheumatic etiology in the surgical cardiological clinic." E. V. Ponomarev. Grud. khir. no. 4:125-126 Jl-Ag '62.

Comparison of the electrokymographic changes with the anatomical and with the pressure in the left auricle and pulmonary artery in mitral stenosis [with summary in English]. IU. I. Akimov, V. D. Fedorov. Grud. khir. no. 4:51-58 Jl-Ag '62.

MITRAL VALVE--SURGERY

Cause of postcommissurotomy syndrome [with summary in English]. P. N. IUrenev. Grud. khir. no. 4:15-20 Jl-Ag '62.

Comparative results of various methods of mitral commissurotomy [with summary in English]. IU. I. Eliseev. Grud. khir. no. 4:3-9 Jl-Ag '62.

Rare complication of digital mitral commissurotomy. G. I. TSukerman, S. N. Strakhov, E. V. Ryzhkov. Grud. khir. no. 4:100-101 Jl-Ag '62.

Some complications appearing during commissurotomy [with summary in English]. Z. Z. Balkova. Grud. khir. no. 4:9-15 Jl-Ag '62.

Some problems of heart anatomy applicable in light commissurotomy. IU. I. Eliseev. Khirurgiia no. 8:48-54 '62.

X-ray evaluation of the results of mitral commissurotomy. I. B. Kiylov. Grud. khir. no. 1:20-25 Jl-Ag '62.

MITSKEVICH, KONSTANTIN MIKHAILOVICH, 1893-1956

Into the storm. Barys Bui'lian. Belarus' 19 no. 10, 10-11 O '62

"A life devoted to the White Russian people." Reviewed by A. Enakou. Belarus' 19 no. 10:28 O '62.

Our glory and honor. IUl. Pshyrkou. Belarus' 19 no. 10:3-4 O '62.

The path of a writer's life. P. Rudnitskaia. Belarus' 19 no. 10:12-13 O '62.

Poet of the White Russian people. L. Chobotarov. Nauka i tekh. 4 no. 11:63-65 N '62.

MITSKEVICH, KONSTANTIN MIKHAILOVICH, 1893-1956--TRANSLATIONS

In the languages of the entire world. M. Pintusevich. Belarus' 19 no. 10:26 O '62.

MOA see subdivision under New Zealand

MODERN HISTORY see History, Modern

MODERN LANGUAGES see Languages, Modern

MODULAR COORDINATION (ARCHITECTURE)--STANDARDS

"Unit modular system in construction. Basic aspects of design." Biul. stroi. tekh. 19 no. 9:3-5 S '62.

MODULATION (ELECTRONICS)

Amplitude modulation utilizing the Hall effect. M. N. Mazurov, I. N. Prudnikov. Radiotekh. i elektron. 7 no. 10:1720-1720 O '62.

MOGILEV--MEDICAL SOCIETIES

Century of the Mogilev Scientific Medical Society. M. V. Trusova, D. M. Kulik. Zdrav. Bel. 8 no. 5:82-85 My '62.

MOGILEV--WORLD WAR, 1939-1945--UNDERGROUND

Linshenko, V. E. [Punitive city] Karatel'skii gorod. [Moskva] Molodaia gvardiia, 1961. 70 p.
(MII)

MOGOL-TAU--WATER, UNDERGROUND--COMPOSITION

Some features of the changes of underground waters in the upper hydrodynamic zone of the Kara-Mazar Mountains and Mogol-Tau [with summary in English]. S. N. Kozlov. Vest. LGU 17 no. 18:18-24 '62.

MOHAMMEDAN COUNTRIES--BIBLIOGRAPHY see also Biography--Mohammedan countries

MOISTURE see subdivision under Black Sea region

MOISTURE--MEASUREMENT

Electric moisture tester. V. S. Matsko. Pishch. prom. Mosk. 6 no. 9:34 '62.

MOKROUSOVA, ZINAIDA MAKSIMOVNA

Generous heart. V. Maimeskul. Sov. voin 41 no. 20:31 O '62.

MOLASSES

The raw products of the new crop must be processed by the starch and molasses factories in an exemplary way. Sakh. prom. 36 no. 10:1-5 O '62.

MOLDAVIA--ACCOUNTING

For model accounting. I. Bekhter. Bukhg. uchet 19 no. 6:26-28 Je '62.

MOLDAVIA--ANTIQUITIES

Rikman, E. A. [Remnants of the primitive art of Moldavia; from archaeological studies] Pamiatniki drevnego iskusstva Moldavii; po arkheologicheskim dannym. Kishinev, Kartia moldovenieske, 1961. 36 p.
(MII)

MOLDAVIA--APPLE--WATER REQUIREMENTS

Regular features of water balance in the crowns of apple trees. L. A. Filippov, I. G. Fulga. Trudy Mold. nauch.-issl. inst. sad., vin. 6:78-89 '60.

MOLDAVIA--CHEMISTRY

Ways for the development of chemical science in Moldavia. A. V. Ablov, D. G. Batyr. Zhur. VKHO 7 no. 5:574-575 '62.

MOLDAVIA--CONSTRUCTION INDUSTRY

In the State Committee on Construction of the Moldavian S. S. R. Biul. stroi. tekh. 19 no. 9:40-41 S '62.

MOLDAVIA--FRUIT CULTURE

My people are gardeners. Petria Darienko. Ogonek 40 no. 42:16 O '62.

MOLDAVIA--GRAPES--FROST RESISTANCE

Frost resistance dynamics in grapes during the cold months of the year. I. N. Kondo. Trudy Mold. nauch.-issl. inst. sad., vin. 6:89-124 '60.

Results of research on frost protection and uncovered cultivation of European grape varieties in Moldavia. S. N. Makarov. Trudy Mold. nauch.-issl. inst. sad., vin. 6:125-169 '60.

MOLDAVIA—INDUSTRIAL MANAGEMENT

Aid the volunteer bureaus of economic analysis in every way possible. I. Perel'berg, G. Komarov, L. Zaidman. Bukhg. uchet 19 no. 9 36-39 S '62.

MOLDAVIA—MAMMALS, FOSSIL

Mammals of ancient Moldavia [with summary in English]. V. I. Sal'nin. Biul. MOIP. Otd. biol. 67 no. 5 38-49 S-O '62.

MOLDAVIA—MOTHS

Vereshchagin, B. V., and S. G. Plugar'. [Oak procession moth and its control] Dubovyi pokhodnyi shelkopriad i mery bor'by s nim. Kishinev, Izd-vo "Shtiintsa," 1962. 21 p. (DNAL)

MOLDAVIA—OAK—DISEASES AND PESTS

Vereshchagin, B. V., and S. G. Plugar'. [Oak procession moth and its control] Dubovyi pokhodnyi shelkopriad i mery bor'by s nim. Kishinev, Izd-vo "Shtiintsa," 1962. 21 p. (DNAL)

MOLDAVIA—RADIO PROGRAMS

Show of achievements. Sov. rad. 1 tel. 6 no. 1 5 '57.

MOLDAVIA—RODENT CONTROL

Averin, Iu. V., M. N. Lozan, and Sh. A. Rozinskii. [Harmful rodents in Moldavia and measures for their control] Vrednye gryzuny Moldavii i mery bor'by s nimi. Pod red. Iu. V. Averina. Kishinev, Izd-vo "Shtiintsa," 1962. 66 p. (DNAL)

MOLDAVIA—SERVICE INDUSTRIES

Need for a unified management. P. Petrushin. Mest. prom. i khud. promys. 3 no. 8 28 Ag '62.

MOLDAVIA—WINE AND WINE MAKING—MICROBIOLOGY

Yeast flora of Moldavia and its importance for viticulture. N. M. Trofimenko. Trudy Mold. nauch.-issl. inst. sad., vin. 6 191-234 '60

MOLDAVIA—YEAST

Yeast flora of Moldavia and its importance for viticulture. N. M. Trofimenko. Trudy Mold. nauch.-issl. inst. sad., vin. 6 191-234 '60

MOLDING (FOUNDING)

Kadnikov, V. G., and A. M. Lipuitskii. [Dilier] Sushil'shchik. Moskva, Mashgiz, 1962. 143 p.

Techniques for obtaining durable and economical parts of molds by casting in ceramic molds. M. N. Kleiner. Sbor. trud. NIIST no. 10 132-110 '62

MOLDING (PLASTICS) see Plastics—Molding

MOLDING MACHINES

Machines for making molds. V. L. Tarselli. Standartizatsiia 26 no. 10:49-50 O '62.

The 61265 automatic molding machine. V. B. Matavetskii. Biul. tekh.-ekon. inform. Gos. nauch.-issl. inst. nauch. i tekh. inform. no. 10 35-37 '62.

MOLECULAR ASSOCIATION

Study of the molecular association of resin acids by infrared spectroscopy methods. A. M. Prima and others. Izv. AN SSSR. Ser. fiz. no. 10 1313-1316 O '62.

MOLECULAR BIOLOGY

Session of the Presidium of the Academy of Sciences of the U. S. S. R. dedicated to the problem of molecular biology held on May 11, 1962. I. V. Sukhanova. Izv. AN SSSR. Ser. biol. no. 5:806-809 S-O '62.

MOLECULAR ROTATION

Study of the internal rotation and rotational isomerism (conformations) of molecules by spectroscopic methods. Iu. A. Pentin, V. M. Tatevskii. Izv. AN SSSR. Ser. fiz. no. 10:1241-1246 O '62.

MOLECULAR SPECTRA

Molecular spectroscopy. M. M. Sushchinskii. Vest. AN SSSR 32 no. 10:36-45 O '62.

MOLECULAR SPECTRUM see Spectrum, Molecular

MOLECULAR WEIGHTS

Method of calculating the amount of ion exchange reaction products without change of the mole number. O. K. Sokolov. Izv. vys. uchob. zav., tsvet. met. 5 no. 5:48-53 '62.

MOLECULES

Experimental evaluation of the dimensions of molecules. V. D. Shevelkin. Fiz. v shkole 22 no. 4:61-62 Jl-Ag '62.

On μ^+-molecules [with summary in English]. A. A. Anselm, V. M. Shekhter. Zhur. eksp. i teor. fiz. 43 no. 3:958-962 '62.

MOLLUSKS

(see also subdivision under Syugaly Mountains)

Conference on molluska, held in Leningrad, November, 1961. L. B. Il'ina. Biul. MOIP. Otd. geol. 37 no. 3:137 My-Je '62.

MOLLUSKS, FOSSIL see subdivision under Black Sea; Caucasus; Caucasus, Northern

MOLLUSKS, FOSSIL—CLASSIFICATION

A new system of bivalved molluska. R. L. Merklin. Biul. MOIP. Otd. geol. 37 no. 3:136 My-Je '62.

MOLTEN METALS see Liquid metals

MOLYBDENUM see subdivision under Tarnyauz

MOLYBDENUM—COLD WORKING

Structural changes during peeling and the recrystallization of molybdenum. A. P. Gulinev, S. S. Gorelik, M. S. Senkina. Izv. vys. ucheb. zav., chern. met. 5 no. 9 166-164 '62.

MOLYBDENUM-IRON-ALUMINUM ALLOYS see Iron-aluminum-molybdenum alloys

MOLYBDENUM ORES see subdivision under Kazakhstan, Transbaikalia

MOLYBDENUM-TUNGSTEN-RHENIUM ALLOYS see Tungsten-molybdenum-rhenium alloys

MONAZITE

Stability of monazite depression by the SiF_6^{2-} ion as dependent on the pH of the medium. I. N. Plaksin, K. F. Bratysheva, G. N. Navatova. Dokl. AN SSSR 146 no. 5:1139-1140 O '62.

MONGOLIA—AUTHORS—CONGRESSES

Third Congress of Mongolian Writers. Sovr. Mong. 7 no. 6 2-3 Je '62.

MONGOLIA—ECONOMIC CONDITIONS

"The Mongolian People's Republic, 1921-1961," a collection of articles. Reviewed by S. K. Roshchin. Nar. Az. i Afr. no. 5 204-205 '62.

MONGOLIA—EDUCATION OF CHILDREN

Our joy and our future. I. Tavshin. Sovr. Mong. 7 no. 6 4-5 Je '62.

MONGOLIA—HORSES

Brother horse herdsmen. G. Batarchuluu. Sovr. Mong. 7 no. 6:13 Je '62.

MONGOLIA—MOTION-PICTURE STUDIOS

Motion-picture studio "Mongolkino" in Ulan Bator (Mongolian People's Republic). Iu. Ferdman. Tekh. kino i telev. 6 no. 9 79-80 S '62.

MONGOLIA—OBSERVATORIES

"Khurel Togot" is the address of the observatory. A. Dorzh. Sovr. Mong. 7 no. 6, 21 Je '62.

MONGOLIA—PHYSICAL GEOGRAPHY

Physicogeographical regionalization of the Mongolian People's Republic. Sh. TSegmid. Izv. AN SSSR, Ser. geog. no. 5:34-41 S-O '62.

MONGOLIA—POLITICS AND GOVERNMENT

Brief news. Sovr. Mong. 7 no. 6 24 Je '62.

Constitution of the Mongolian People's Republic. D. Sangidanzan. Sovr. Mong. 7 no. 6:1 Je '62

[Fortieth anniversary of the Mongolian People's Revolutionary Party, 1921-1961] Sorok let Mongol'skoi narodno-revoliutsionnoi partii, 1921-1961. Moskva, Gospolitizdat, 1961. 23 p. (MH)

"The Mongolian People's Republic, 1921-1961;" a collection of articles. Reviewed by S. K. Roshchin. Nar. Az. i Afr. no. 5:204-205 '62.

MONGOLIA—RELATIONS (GENERAL) WITH RUSSIA

Friendship between the Mongolian and Soviet peoples is strengthening. Sovr. Mong. 7 no. 6:6 Je '62.

MONGOLIA—RUNOFF

River discharge on the territory of the Mongolian People's Republic. N. T. Kuznetsov. Izv. AN SSSR, Ser. geog. no. 5:111-118 S-O '62.

MONGOLIAN LANGUAGES—ACCENTS AND ACCENTUATION

Three types of accentuation in Mongolian languages. V. I. Zolkhoev. Trudy BKNII no. 6:105-115 '61.

MONGOLIAN SINGERS see Singers, Mongolian

MONGOLS see subdivision under Yunnan Province

MONIEZIA—HOST ANIMALS see subdivision under Armenia

MONILIALES

New soil fungi of the Order Moniliales. O. P. Kamyshko. Bot. mat. Otd. spor. rast. 15:137-141 Ja '62.

MONOMERS

Acidic properties of some monomers. A. I. Shatenshtein and others. Neftekhimiia 2 no. 4:507-511 Jl-Ag '62.

Adsorption properties of synthetic zeolites-molecular sieves and their use in the advanced-stage dehydration of monomers. N. P. Shestak and others. Neftekhimiia 2 no. 4 512-518 Jl-Ag '62.

From the editors. Neftekhimiia 2 no. 4:425 Jl-Ag '62.

Present state and prospects for the development of the production of monomers. D. F. Kutepov. Neftekhimiia 2 no. 4:426-435 Jl-Ag '62.

MONTMORILLONITE see subdivision under Daghestan

MONUMENTS

Rogachevskii, V. M. [Monumental sculpture] O monumental'noi skul'pture. Moskva, Sovetskii khudozhnik, 1962. 37 p. (Besedy ob iskusstve)

MOON

The most important problems of lunar research. A. A. Mikhailov. Priroda 51 no. 10:7-9 O '62.

MOON—OBSERVATIONS

Results of precision measurements of lunar radio emission at a wavelength of 1.6 cm. [with summary in English]. S. A. Kamenskaia and others. Izv. vys. ucheb. zav., radiofiz. 5 no. 5:882-884 '62.

MOON—SURFACE

New method for determining the density of lunar surface rocks [with summary in English]. V. S. Troitskii. Izv. vys. ucheb. zav., radiofiz. 5 no. 5:885-891 '62.

MORAINES see subdivision under Baikal, Lake

MORAL EDUCATION

Nauchnaia konferentsiia po probleme "Kommunisticheskoe vospitanie trudiashchikhsia v period razvernutogo stroitel'stva kommunizma, Novosibirsk, 1961. [Materials of the conference on the problem of "Communist education of workers in the period of the large-scale building of communism."] Materialy. Novosibirsk, Izd-vo Sibirskogo otd-niia AN SSSR.

No. 5. [Morality and moral education] Nravstvennost' i nravstvennoe vospitanie. 1962. 168 p.

MORDOVIA—RADIO IN AGRICULTURE

Permanent correspondent in the district. I. Shakhmatov. Sov. rad. i tel. 6 no. 4:16-17 '57.

MORDVINIAN A. S. S. R. see Mordovia

MOROZOV, MIKHAIL MIKHAILOVICH, 1897-1962

Shakespearean scholar. A. Pol'. Ogonek 10 no. 22:14 My '62.

MORPHINE

Method for detecting small quantities of morphine in pharmaceutical preparations. P. G. Smolianskaia. Trudy Len. khim.-farm. inst. no. 13:268-270 '61.

Photocolorimetric detection of morphine in an opium-benzoin infusion. P. G. Smolianskaia, L. M. Gustavina. Trudy Len. khim.-farm. inst. no. 13:270-282 '61.

MORPHOGENESIS

Morphogenesis of fruit-bearing plants. A. I. Uskov. Trudy TSGL 7:109-117 '61.

MORTALITY see subdivision under Khabarovsk

MORTAR

Nikitskii, A. S. [Hardeners for concretes and mortars] Uskoriteli tverdeniia betonov i rastvorov. Minsk, Gosizdat BSSR, 1962. 40 p.

Small winter mortar and concrete station. Iu. Usov. Sov. stroi. no. 9:4-5 S '62

MOSCOW—ACTING—STUDY AND TEACHING

Performances of the State Institute of Theatrical Art. E. Shamovich. Teatr 23 no. 10:102-110 O '62.

MOSCOW—AIR—POLLUTION

Experience with improvement and landscape gardening of urban areas. V. K. Gusev. Gor. khoz. Mosk. 36 no. 9:32-35 S '62.

MOSCOW—AMATEUR THEATRICALS

Moscow chronicle. Teatr 23 no. 10:170-171 O '62.

Performance about oneself. A. Gierman. Teatr 23 no. 10:171-172 O '62.

MOSCOW—ANTIQUITIES

Rabinovich, M. G., and G. Latyshova. [From the life of ancient Moscow] Iz zhizni drevnei Moskvy. [Moskva, Mosk. rabochii, 1961]. 107 p. illus. (MH)

MOSCOW—APARTMENT HOUSES—MAINTENANCE AND REPAIR

Initiative finds wings. V. Boichenko. Zhil.-kom. khoz. 12 no. 5:4-5 My '62.

MOSCOW—ART SCHOOLS

Young artists. G. Zaglianskaia. Teatr 23 no. 10:147 O '62.

MOSCOW—AUDITORIUMS

Pashchenko, N. E., and V. I. Nadezhdin. [Construction of the Palace of Congresses] Stroitel'stvo Dvortsa s"ezdov. Moskva, Izd-vo "Znanie," 1962. 35 p. (Novoe v zhizni, tekhnike. IV Seriia: Tekhnika, no. 17)

MOSCOW—AUTOMOBILE INDUSTRY

Propagandists should discuss the timely subjects. K. Emel'ianova-Shchukina. Agitator no. 23:42-45 D '62.

MOSCOW—AUXILIARY POLICE

Voluntary policemen are the guardians of law and order. Iu. Iushin. Sots. zakon. 30 no. 11 30-32 N '62.

MOSCOW—BALLET

Groshova, E. A. [The Bolshoi Theater of the U. S. S. R. in the past and at present] Bol'shoi teatr SSSR v proshlom i nastoiashchem. Moskva, Sovetskii kompozitor, 1962. 98 p. (V pomoshch' slushateliam narodnykh universitetov kul'tury. Besedy o muzyke)

MOSCOW—BOTANICAL GARDENS

Caucasus on the Lenin Hills. G. Marchenko. Smena 39 no. 20 24 O '62.

The role of the main botanical garden in supplying plantings to cities. N. V. TSitsin. Gor. khoz. Mosk. 36 no. 9: 30-31 S '62.

MOSCOW—CITY PLANNING

The development and renovation of Moscow in the period of large-scale building of communism. A. V. Smetanin. Gor. khoz. Mosk. 36 no. 9 6-10 S '62.

Put the achievements of modern technology into the plans of apartment houses and micro-districts of the city. N. N. Ullas. Gor. khoz. Mosk. 36 no. 9 10-12 S '62.

MOSCOW—CIVIC IMPROVEMENT

Barricades and palaces. Sov. Soiuz no. 11: 5-8 '62.

MOSCOW—CLOTHING INDUSTRY

Collectivism is our first commandment. T. Molofeeva. Sov. profsoiuzy 18 no. 20: 22-23 O '62.

The sewing industry of Moscow and prospects for its development. L. D. Ivanov. Gor. khoz. Mosk. 36 no. 9 15-17 S '62.

MOSCOW—COMMUNIST YOUTH LEAGUE

Work that has no "stops." Aleksandr Vladislavlev. Smena 39 no. 21: 2 of cover, 1-2 N '62

MOSCOW—COMMUNITY LIFE

Prompted by life. V. Dmitriev. Zhil.-kom. khoz. 12 no. 3: 6-7 Mr '62.

MOSCOW—CONFECTIONERY

Over-all mechanization of the manufacture of waffles. V. V. Vinogradov. Khleb. i kond. prom. 6 no. 10 13-17 O '62.

MOSCOW—CONSTRUCTION INDUSTRY

Potentials of urban construction. E. Samodaev. Ekon. stroi. no. 10: 21-29 O '62.

Recommendations of the Moscow City Technological Conference on Problems of the Economics of Construction. Ekon. stroi. no 10 33-40 O '62

Workers' honor calls for efficient work P Dmitlov. Agitator no. 22: 48-50 N '62.

MOSCOW—CRIME PREVENTION

Soviet public helps to maintain law and order M. Malikov. Sots. zakon 39 no 11 26-29 N '62

MOSCOW—DESCRIPTION

[The October District of Moscow] Oktiabr'skii raion Moskvy. Moskva, Sotsekgiz, 1962. 161 p.

MOSCOW—DISABILITY EVALUATION

The way to overcome difficulties. A. Sivakov. Sots. obesp. 23 no. 10 24-27 O '62.

MOSCOW—ELECTRIC LABORATORIES

The collective acknowledges the title. G Tomin. Komsom zhizn' no 12 19 Je '62

MOSCOW—ELECTRIC LAMPS

Sviridov, D.A. [Economize in large as well as in small things] Ekonomit' v bol'shom i malom. [Moskva] Mosk. rabochii, 1961, 34 p (Novatory Semiletki)

MOSCOW—EXHIBITIONS

Everything in the name of mankind, everything for the good of mankind. Kozh.-obuv. prom. 4 no. 10 1-4 O '62.

Large products made of concrete containing no cement. Stroi. mat. 8 no. 9: 27-29 S '62.

Measuring equipment at the International Medicine Exhibition Izm. tekh no 10: 61-63 O '62.

"Miniature Exhibition of Achievements of the National Economy." I. Ivannikov. Iun tekh. 7 no. 10 12-15 O '62.

Moscow. Vsesoiuznaia vystavka tvorchestva radiolubitelei-konstruktorov, 16th, Moscow. [The best designs] Luchshie konstruktsii. Moskva, Izd-vo DOSAAF, 1962. 158 p.

New construction equipment and materials Sel' stroi. no 9 22-23 S '62

Rewards for participants in the Exhibition of Achievements of the National Economy of the U.S.S.R. for 1961. Mont. i spets. rab. v stroi. 24 no. 10: 1-3 O '62.

Starting a great life. Pavlo Pozniak. Ukraina no. 18: 26-27 S '62.

MOSCOW—FINANCE

Work conscientiously and have a creative attitude toward work! A Bulkin and others Fin SSSR 23 no 10: 59-61 O '62.

MOSCOW—FIRE DEPARTMENTS

A once lagging fire department is now a foremost company. A. Anokhin. Pozh. delo 8 no. 10: 17-18 O '62.

MOSCOW—FIREMEN—EDUCATION AND TRAINING

For a better knowledge of technology. M. Shcherbakov. Pozh. delo 8 no. 10: 19 O '62.

MOSCOW—HEATING FROM CENTRAL STATIONS

District boiler rooms operated on gas fuel or district steam-gas thermal electric plants? N. I. Sazonov. Gor. khoz. Mosk. 36 no. 9: 27-30 S '62.

MOSCOW—HISTORICAL RESEARCH

The 15th anniversary of a study of Moscow University students. Ist SSSR 6 no. 4: 227-228 Jl-Ag '62

MOSCOW—HISTORY

Famous street. Vladimir Fat'ianov. Semia i shkola 17 no. 10: 22-23 O '62.

[The October District of Moscow] Oktiabr'skii raion Moskvy Moskva, Sotsekgiz, 1962. 161 p.

Opened by chains. I. Smirnov. Ogonek 40 no. 44: 21 O '62.

Rabinovich, M. G., and G. Latysheva. [From the life of ancient Moscow] Iz zhizni drevnei Moskvy. [Moskva, Mosk. rabochii, 1961]. 197 p. illus. (MH)

MOSCOW—HOUSING MANAGEMENT

Ways to economic efficiency. A. Nemshevich. Zhil.-kom. khoz. 12 no. 3: 12-13 Mr '62.

MOSCOW—HOUSING RESEARCH

Efficiency promotion and invention in housing in the capital. V. T. Marchenko. Gor. khoz. Mosk. 36 no. 9 40-43 S '62.

MOSCOW—INDUSTRIAL MANAGEMENT

Use of electronic computers for planning and accounting in the Moscow Economic Council. V. V. Vasil'ev, S. T. Mitin. Biul. tekh.-ekon. inform. Gos. nauch.-issl. inst. nauch. i tekh. inform. no. 10: 76-77 '62.

MOSCOW—INDUSTRIAL ORGANIZATION

The party shows concern for the development of Soviet industry. Part. zhizn' no. 22: 8-15 N '62.

MOSCOW—LABOR AND LABORING CLASSES—MEDICAL CARE

From man to man. S. Kornilov. Sots. obesp. 23 no. 10, 36-37 O '62.

MOSCOW—LABOR COURTS

District committees for the guidance of fellow workers' courts are a new form of supervisory organizations. A. Nosov. Sots. zakon. 39 no. 8: 69-70 Ag '62.

MOSCOW—LANDSCAPE GARDENING

Experience with improvement and landscape gardening of urban areas. V. K. Gusev. Gor. khoz. Mosk. 36 no. 9: 32-35 S '62.

MOSCOW—LANGUAGE AND LANGUAGES—STUDY AND TEACHING

Study of foreign language in Moscow schools. A. I. Shustov. Inostr. iaz. v shkole no. 5: 124-128 S-O '62.

MOSCOW—LIBRARIES

Great occasion for Soviet culture. L. I. Sov. bibl. no. 4: 89-94 '62.

MOSCOW—LIBRARIES AND READERS

Generous people. E. Medvedovskaia. Nauka i rel. 4 no. 11 78-79 N '62.

MOSCOW—MOTION PICTURES—CONGRESSES

Welcoming the delegates and guests of the 5th Congress of the International Union of Technical Cinematographic Associations. Tekh. kino i televy. 6 no. 9: 1 S '62.

MOSCOW—MUNICIPAL SERVICES—COLD WEATHER CONDITIONS

Prepare the city for winter in good time. I. A. Lanshin. Gor. khoz. Mosk. 36 no. 9 1-5 S '62.

MOSCOW—NEWSPAPER AND PERIODICAL CIRCULATION

Following up a decision. N. Vaks. Raspr. pech. no. 10: 13 O '62.

MOSCOW—OPERA

Grosheva, E. A. [The Bolshoi Theater of the U. S. S. R. in the past and at present] Bol'shoi teatr SSSR v proshlom i nastoiashchem. Moskva, Sovetskii kompozitor, 1962. 93 p. (V pomoshch' slushateliam narodnykh universitetov kul'tury. Besedy o muzyke)

MOSCOW—OPERATTA

Our extensive and popular genre. G. M. IAron. Ogonek 40 no. 41: 26-29 O '62.

MOSCOW—PAINTINGS, CUBAN EXHIBITIONS

Art of the freedom island. V. Borovskii. Ogonek 40 no. 44: 8 O '62.

MOSCOW—PANORAMAS

Restoration of the Borodino panorama. G. Aleksandrov. Ogonek 40 no. 41: 10-11 O '62.

MOSCOW—PENSIONERS—EMPLOYMENT

From man to man. S. Kornilov. Sots. obesp. 23 no. 10, 36-37 O '62.

MOSCOW—PENSIONS

First steps. N. Feskheev. Sots. obesp. 23 no. 10: 18-19 O '62.

MOSCOW—POLITICS AND GOVERNMENT

The year's work of the groups of deputies. M. A. Postnikov. Gor. khoz. Mosk. 36 no. 9: 36-40 S '62.

MOSCOW—PUBLISHERS AND PUBLISHING

The "Young Guards" of workers and peasants. IU. Melent'ev. Mol. komm. no. 10: 60-68 O '62.

MOSCOW—RADIO AND LITERATURE

Our guests at the microphone. A. Golovenchenko. Sov. rad. i tel. 6 no. 5: 8 '57.

MOSCOW—RADIO AND MUSIC

Music was a part of all the programs. A. Grishaeva. Sov. rad. i tel. 6 no. 5: 9 '57.

MOSCOW—RADIO PROGRAMS

"Current news" at the festival. A. Il'ina. Sov. rad. i tel. 6 no. 5: 7 '57.

For the cause of peace. G. Anastas'ev. Sov. rad. i tel. 6 no. 5: 8 '57.

Gratitude for a good job done. E. Novikov. Sov. rad. i tel. 6 no. 5: 7 '57.

In the days of the festival.... S. Dmitrieva. Sov. rad. i tel. 6 no. 5: 1-6 '57.

Radio studios for the festival. Sov. rad. i tel. 6 no. 5: 10 '57.

MOSCOW—REPAIRING TRADES

Notes of a worried man. V. Prival'skii. Ogonek 40 no. 43: 17-19 O '62.

MOSCOW—RESTAURANTS, LUNCHROOMS, ETC.

For communist labor. I. Belinkov. Obshchestv. pit. no. 7: 10-11 Jl '62.

MOSCOW—RETAIL TRADE

Notes of a worried man. V. Prival'skii. Ogonek 40 no. 43: 17-19 O '62.

MOSCOW—ROAD CONSTRUCTION

Ring around Moscow V. Rybin. Sov. Soiuz no. 11: 16-17 '62.

Use precast reinforced concrete in road construction. E. N. Dubrovin and others. Gor. khoz. Mosk. 36 no. 9: 17-20 S '62.

MOSCOW—SHOE INDUSTRY—ACCOUNTING

The standard method of accounting for materials with the use of account-punched card machines. A. Denisov, S. Baranovskii, V. Supruniuk. Bukhg. uchet 18 no. 9: 43-47 S '62

MOSCOW—STREETCARS—MAINTENANCE AND REPAIR

We have to live up to our rank. A. Shepelev. Zhil.-kom. khoz. 12 no. 3: 3-4 Mr '62.

MOSCOW—SUBWAYS

Cost of transportation and time during which capital investments pay for themselves on the Moscow subway. B. S. Koganov. Gor. khoz. Mosk. 36 no. 9: 25-27 S '62.

The problem of building the Moscow subway system to serve future needs. O. K. Kudriavtsev. Gor. khoz. Mosk. 36 no. 9: 23-24 S '62.

MOSCOW—TELEVISION BROADCASTING

Television programs in Moscow. D. Drozdovskii. Sov. rad. i tel. 6 no. 5: 9 '57.

MOSCOW—TEXTILE FACTORIES—HYGIENIC ASPECTS

Palace of labor. A. S. Shevelev, N. N. Vasil'ev. Zdorov'e 6 no. 11: 25-26 N '62.

MOSCOW—TEXTILE INDUSTRY

They will succeed in achieving their goal. IU. IAkovlev. Meat. prom. i khud. promys. 3 no. 8 4-5 Ag '62.

MOSCOW—THEATER

Conversation in the Party Bureau. B. Serebrennikova. Teatr 23 no. 10, 142 O '62.

Guests from Suomi. N. Abalkin. Teatr 23 no. 10: 173-176 O '62.

Let's get acquainted with a Leningrad poster. V. Zaleskii. Ogonek 40 no. 43: 22-23 O '62.

New season and new roles. I. Tunkel', L. Osipova, A. Zinkova. Ogonek 40 no. 44: 28-29 O '62.

Some time after our remarks. Teatr 23 no. 10: 145 O '62.

MOSCOW—TRAFFIC ACCIDENTS

At a dangerous boundary. E. Volodin. Za bezop. dvizh. 5 no. 6: 8-9 Je '62.

Indulgence makes a breach. A. Kalachev. Za bezop. dvizh. 5 no. 6: 12-13 Je '62.

It is impossible to accept this situation. G. Kazanskii. Za bezop. dvizh. 5 no. 6: 1-2 Je '62.

Recklessness should be stopped. E. Motorin. Za bezop. dvizh. 5 no. 6: 13 Je '62.

MOSCOW—TRAFFIC ENGINEERING

Study of the functioning of traffic tunnels on the "Sadovoye kol'tso." E. M. Lobanov. Gor. khoz. Mosk. 36 no. 9: 20-23 S '62.

MOSCOW—TRAFFIC SAFETY

Number of competitioners is growing. P. Kharin. Za bezop. dvizh. 5 no. 6: 3 Je '62.

Three years without accidents. V. Semikin. Za bezop. dvizh. 5 no. 6: 4-5 Je '62.

MOSCOW—TROLLEY BUSES—MAINTENANCE AND REPAIR

We have to live up to our rank. A. Shepelev. Zhil.-kom. khoz. 12 no. 3: 3-4 Mr '62.

MOSCOW—UNDERPASSES

Study of the functioning of traffic tunnels on the "Sadovoye kol'tso." E. M. Lobanov. Gor. khoz. Mosk. 36 no. 8 20-23 S '62.

MOSCOW—WOOLEN AND WORSTED MANUFACTURE

Make better utilization of reclaimed wool. Mest. prom. i khud. promys. 3 no. 8 1d Ag '62.

MOSCOW—ZOOLOGICAL GARDENS

Are there any hen geese? I. Sosnovskii Ogonek 10 no 41 31 O '62.

MOSCOW BASIN—CLAY—TESTING

Basis for a possibility of anchoring heaving soil types in the Moscow Basin I. L. Cherniak Nauch. trudy MGI no 38;33-43 '61

MOSCOW BASIN—MINE DRAINAGE

Electric prospecting for the drainage of mine workings N. U. Savenkov. Ugol' 37 no 11 26-29 N '62

MOSCOW BASIN—MINE ROOF BOLTING

Designing anchor bolting for anchoring heaving soils in mine workings. M. N. Shutkhet. Nauch. trudy MGI no 38;83-95 '61.

Testing means of controlling soil heaving employing wooden anchor piles and reinforced concrete anchors in mines Nos. 37 and 36 of the Stalinogorskugol' Trust. I. L. Cherniak Nauch. trudy MGI no 38;75-82 '61.

Using rod bolting to controll soil heaving in the roof of workings in Moscow Basin mines. B. I. Emel'ianov. Nauch. trudy MGI no. 38;61-74 '61

MOSCOW BASIN—MINE WATER

Hydrogeological regionalization of the central part of the southern wing of the Moscow coal basin [with summary in English]. A. A. Antonov. Biul. MOIP. Otd. geol. 37 no. 3 90-97 My-Je '62.

MOSCOW BASIN—SOIL MECHANICS

Predicting soil heaving in workings of Moscow Basin mines. I. I. Chernyak, V. S. Lukichev. Nauch. trudy MGI no. 38;97-103 '61

Using models to study soil heaving in mine workings and controlling it with anchor piles. I. I. Chernyak. Nauch. trudy MGI no. 38;45-60 '61.

MOSCOW PROVINCE—AGRICULTURAL—WAGES

Khludenev, A. I., and N. I. Shimko. [The piecework-bonus wage system on state farms; from the practice of state farms in Moscow Province] Akkordno-premial'naia oplata truda v sovkhozakh; iz opyta sovkhozov Moskovskoi oblasti. Moskva, Izd-vo "Znanie," 1962. 39 p. (Novoe v zhizni, nauke, tekhnike. V Serii: Sel'skoe khoziaistvo, no. 20)

What we learned from the application of the bonus-piecework wage system. M. Mitrokhin. Sots. trud 7 no. 8: 55-60 Ag '62.

MOSCOW PROVINCE—CITIES AND TOWNS—CIVIC IMPROVEMENT

What was shown by public survey. Zhil.-kom. khoz. 12 no 3;10-11 Mr '62.

MOSCOW PROVINCE—CORN (MAIZE)

Ermakov, P. I. [Corn is a profitable crop] Kukuruza - vygodnaia kul'tura. [Moskva] Mosk. rabochii, 1961 27 p. (Bibliotechka kukuruzovoda-mekhanizatora) (DNAL)

MOSCOW PROVINCE—CORN (MAIZE)—ANALYSIS

Characteristics of the grain, and the chemical composition of the hulls and cobs of corn grown in the Moscow Province. K. S. Bulgakov. Izv. vys. ucheb. zav.; pishch. tekh. no. 5-29-31 '62.

MOSCOW PROVINCE—ELECTRIC EQUIPMENT INDUSTRY

Development of the electric-equipment and instrument industries of the Moscow Province Economic Council. I. V. Gellert. Biul. tekh.-ekon. inform. Gos. nauch.-issl. inst. nauch. i tekh. inform. no. 10-76 '62.

MOSCOW PROVINCE—INSTRUMENT INDUSTRY

Development of the electric-equipment and instrument industries of the Moscow Province Economic Council. I. V. Gellert. Biul. tekh.-ekon. inform. Gos. nauch.-issl. inst. nauch. i tekh. inform. no. 10-76 '62.

MOSCOW PROVINCE—STATE FARMS—INVENTORIES

Practice in carrying out an inventory on a state farm. F. A. Chepiakov. Uchet i fin. v kolkhoz i sovkhoz 19 no. 10;5-7 O '62.

MOSCOW PROVINCE—SUGAR BEETS

[Sugar beet is the storeroom of feed units] Sakharnaia svekla - kladovaia kormovykh edinits. [Moskva] Mosk. rabochii, 1962. 75 p. (DNAL)

MOSCOW PROVINCE—SUGAR BEETS—DISEASE AND PEST RESISTANCE

Late fall sowing as a method for developing a comparatively disease resistant variety of sugar beets. M. D. Laricheva, Iu. I. Shneider, O. I. Kashmanova. Agrobiologiia no. 3,447-448 My-Je '62.

MOSCOW PROVINCE—SWINE HOUSES AND EQUIPMENT

Experimental swine farm on the "Frianovo" state farm. Iu. Revkovskii. Sel'. stroi. no 9.6 S '62

MOSCOW PROVINCE—THERAPEUTICS—STUDY AND TEACHING

Organizing postgraduate training for therapeutists in Moscow Province. M. G. Malkina, L. T. Kalugina, Zdrav. Ros. Feder. 6 no. 9:22-25 S '62

MOSCOW REGION—CHINOIDEA, FOSSIL

Rhabdocrinus vatagini sp. nov. from the Lower Carboniferous of the Moscow region. Iu. A. Arent. Paleont. zhur. no. 2 117-121 '62

MOSCOW UNIVERSITY

Medical faculty of Moscow University during the War of 1812. I. M. Geizer. Zdrav. Ros. Feder. 6 no. 8:31-33 S '62.

MOSKVA VALLEY—MINERALS IN SOIL

Seasonal dynamics of the mobile forms of microelements and iron in floodplain soils of the widening of the Moskva River in the Rumenskoye region. G. P. Bondarenko. Nauch. doki. vys. shkoly; biol. nauki no. 4. 202-207 '62.

MOSQUES see subdivision under Annau

MOSQUITOES

(see also subdivision under Soviet Far East)

Formation of the peritrophic membrane in the mosquito Aëdes aegypti L. D. P. Zhurzhikov. Nauch. doki. vys. shkoly, biol. nauki no. 1 25-27 '62.

MOSSBAUER EFFECT

Anisotropy of the Mössbauer effect in β-tin single crystals [with summary in English]. N. E. Alekseevskii and others. Zhur. eksp. i teor. fiz. 43 no. 3:780-784 '62.

MOTHERS

A mother's heart Rybor Kobeta Rab i sial 8 no 10 16-17 O '62.

MOTHS

(see also subdivision under Kremenchug District; Moldavia)

The moth Encodonta bicoloria Schiff as a pest of birch forests. P. M. Raspopov Les. khoz 15 no 6;61-62 Je '62.

New genus of fungus moths (Lepidoptera, Tineidae, Nemapogoninae). A. K. Zagulaev. Trudy Zool. inst. 30:330-336 '62.

MOTION

Leningrad. Universitet. [Philosophical problems in the present-day theory of motion in nature] Filosofskie voprosy sovremennogo ucheniia o dvizhenii v prirode. [Leningrad] 1962. 198 p.

Motion of a body of variable mass with a constant energy consumption in a gravitational field considering relativistic effects. G. L. Grodzovskii. Izv. AN SSSR. Otd. tekh. nauk. Mekh. i mashinostr. no. 5:184 S-O '62.

Note on an equation of a ship's motion [with summary in English]. G. I. Mel'nikov. Vest. LGU 17 no. 19:159-161 '62.

Periodic motions of some autonomous systems. T. I. Ivanov. Izv. AN SSSR. Otd. tekh. nauk. Mekh. i mashinostr. no. 4 129-133 S-O '62.

Random motion of a particle above a vibrating plane. E. D. Viktorov. Izv. AN SSSR. Otd. tekh. nauk. Mekh. i mashinostr. no. 5:137-138 S-O '62.

MOTION-PICTURE CAMERAS

Hand-operated IKSShR motion-picture camera for 70 mm films [with summary in English on p. 96]. S. I. Nikitin, A. A. Sosnov. Tekh. kino i telev. 6 no. 9 44-46 S '62.

MOTION-PICTURE FESTIVALS see subdivision under Karlovy Vary, Czechoslovakia

MOTION-PICTURE INDUSTRY—SAFETY MEASURES

Ukhin, P. N. [Safety measures in motion-picture enterprises] Tekhnika bezopasnosti na kinopredpriiatiiakh. Moskva, Izd-vo "Iskusstvo," 1962. 317 p.

MOTION PICTURE PHOTOGRAPHY

Problems of artistic filming techniques in connection with the use of wide (70 mm) films in motion-picture photography [with summary in English on p. 96]. L. V. Kosmatov, A. G. Simonov. Tekh. kino i telev. 6 no. 9: 33-43 S '62.

MOTION-PICTURE PHOTOGRAPHY—BIBLIOGRAPHY see Bibliography—Motion-picture photography

MOTION-PICTURE PHOTOGRAPHY—EQUIPMENT AND SUPPLIES

(see also subdivision under Germany, East)

[Photographic and motion-picture equipment and optical instruments] Ref. zhur. Otd. vyp. 46: Foto-kinoapp. i opt. prib. nos. 20-22 O-N '62.

Provornov, S. M., I. S. Golod, and N. D. Bernshtein. [Equipment for motion-picture film printing] Kinokopiroval'naia apparatura. Moskva, Iskusstvo, 1962. 314 p.

MOTION-PICTURE PHOTOGRAPHY—FILMS

Filming and synchronous recording of motion pictures on wide (70 mm) films [with summary in English on p. 96]. M. Z. Vysotskii, B. N. Konoplev, I. M. Urvantsev. Tekh. kino i telev. 6 no. 9:20-32 S '62.

New high sensitivity "Ves'" isopanchromatic motion-picture films [with summary in English on p. 96]. N. V. Makarov, G. G. Shevtsakov. Tekh. kino i telev. 6 no. 9 49-50 S '62.

MOTION-PICTURE PHOTOGRAPHY—FILMS—BIBLIOGRAPHY see Bibliography—Motion-picture photography—Films

MOTION-PICTURE PLAYS

Golden lion. V. Ilesh. Sov. Soiuz no. 11:36-37 '62.

[Motion-picture novella; scenarios of short films] Kinonovelly, stsenarii korotkometrazhnykh fil'mov. Vstup. stat'ia Evg. Gabrilovicha. Moskva, Iskusstvo, 1961. 121 p. (MH)

Zorkaia, N. M. [The Soviet motion-picture play on history and revolution] Sovetskii istoriko-revoliutsionnyi fil'm. Moskva, Izd-vo Akad. nauk SSSR, 1962. 217 p.

MOTION-PICTURE PROJECTION—BIBLIOGRAPHY see Bibliography—Motion-picture projection

MOTION-PICTURE STUDIOS see subdivision under Korea, North; Mongolia

MOTION-PICTURE THEATERS—FIRES AND FIRE PREVENTION see subdivision under Novosibirsk Province

MOTION PICTURES

(see also subdivision under China, Columbia, Hungary; Ukraine, White Russia)

Humanism and motion pictures. S. Iutkevich. Ogonek 10 no. 24 14-15 Je '62.

Katia and Peter will certainly meet again. V. Ievsheyi. Smena 38 no. 20 22-23 O '62.

"Unusual city." N. Kuznetsova. Ogonek 10 no. 13;29 O '62.

Zorkaia, N. M. [Between the past and the future; notes on contemporary Western motion picture art] Mezhdu proshlym i budushchim; zametki o sovremennom zapadnom kinoiskusstve. Moskva, Iskusstvo, 1961. 85 p. illus. (MH)

MOTION PICTURES—CONGRESSES

International conference on motion pictures in Budapest. Tekh. kino i telev. 6 no. 9:91 S '62.

Motion pictures of tomorrow. N. Panfilov. Kin. tekh. 7 no 10:21-24 O '62.

MOTION PICTURES—EQUIPMENT AND SUPPLIES

State of the manufacture of motion-picture apparatus and supplies in the U.S.S.R. [with summary in English on p. 96]. L. B. Gordichuk. Tekh. kino i telev. 6 no. 9: 7-19 S '62.

MOTION PICTURES—INTERNATIONAL COOPERATION

International Union of Technical Cinematographic Associations. Tekh. kino i telev. 6 no. 9:2 S '62.

MOTION PICTURES—MORAL AND RELIGIOUS ASPECTS

Let us put the struggle of ideas on the screen. P. Gromov, Iu. Martynenko. Nauka i rel. no. 5:89-90 My '62

The way to enlightenment. Iu. Martynenko. Nauka i rel. 4 no. 11:88-89 N '62.

MOTION PICTURES—PLOTS, THEMES, ETC. see subdivision under Ukraine

MOTION PICTURES IN EDUCATION

From the motion-picture department of the Main Administration for the Supply of Educational Materials. L. L. Malyi. Fiz. v shkole 22 no. 4:110-111 Jl-Ag '62.

Motion-picture group in a school. T. A. Tsvetkova. Fiz. v shkole 22 no. 4:111 Jl-Ag '62.

Volkov, L. P. [Using motion pictures in studying the fundamentals of technical mechanics] Primenenie kinofil'mov pri izuchenii osnov tekhnicheskoi mekhaniki. Moskva, Profizdat, 1962. 37 p. (Obmen opytom raboty)

MOTION PICTURES IN SCIENCE

Vasil'kov, I. A. [Logic and poetry; science and the art of motion pictures] Logika i poeziia; nauka i kinoiskusstvo. Moskva, Izd-vo "Znanie," 1962. 62 p. (Novoe v zhizni, nauke, tekhnike. VI Serii: Literatura i iskusstvo, no. 19-20)

MOTOR VEHICLES

Borovskii, B. E., M. D. Popov, and M. IA. Pronshtein. [Manual for automobilists] Spravochnaia kniga avtomobilista. Pod red. IA. I. Bronshteina. [Leningrad] Lenizdat, 1962. 482 p.

Efficiency of a motor vehicle. M. I. Pogosbekov. Avt. prom. 28 no. 9 21-23 S '62.

Tank for geological surveying. G. Malinichev. Kin. tekh. 7 no. 10:9 O '62

Ulanov, R. N. [Selection and use of various self-propelled chassis] Vybor i ispol'zovanie razlichnykh samokhodnykh shassi. Leningrad, 1962. 20 p. (Leningradskii dom mashino-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia: Stroitel'naia promyshlennost', no. 9)

MOTOR VEHICLES—BIBLIOGRAPHY see Bibliography—Motor vehicles

MOTOR VEHICLES—DYNAMICS

Ivanov, D. N. [Improving the roadability of motor vehicles] Povyshenie prokhodimosti avtomobilei. Moskva, Voenizdat, 1962. 66 p.

MOTOR VEHICLES—ENGINES

Problems of motor-vehicle turbo-piston engines. N. S. Khanin. Izv. vys. ucheb. zav., mashinostr. no. 5: 47-53 '62.

MOTOR VEHICLES—ENGINES—TESTING

Investigating the performance of the GAZ-21 engine with flame ignition in case of carburetor mixing and fuel injection. N. S. Zhdanovskii, N. N. Gitlin, A. V. Nikolaenko. Avt. prom. 28: no. 9: 3-8. S '62.

MOTOR VEHICLES—MAINTENANCE AND REPAIR

Levinson, B. V., and I. F. Chernyshov. [Centralization of the maintenance and repair of motor vehicles] TSentralizatsiia tekhnicheskogo obsluzhivaniia i remonta avtomobilei. Moskva, Avtotransizdat, 1962. 45 p. (Obmen tekhnicheskim opytom avtotransportnykh predpriiatii)

Livshits, L. G., and A. V. Pollachenko. [Reconditioning motor-vehicle and tractor parts] Vosstanovlenie avtotraktornykh detalei. Moskva, Sel'khozizdat, 1962. 319 p.

Shchetinin, S. F. [Wear and deformation of basic parts of motor vehicles] Iznos i deformatsiia bazisnykh detalei avtomobilei. Moskva, Mashgiz, 1962. 97 p.

MOTOR VEHICLES—SAFETY MEASURES

Vereskunov, V. K. [Fire prevention measures for drivers] Shoferu o pozharnoi bezopasnosti. Moskva, Avtotransizdat, 1962. 65 p. (Tekhnika bezopasnosti na avtotransporte)

MOTOR VEHICLES—TRANSMISSION DEVICES, AUTOMATIC

Petrov, V. A. [Automatic motor-vehicle clutches] Avtomaticheskie stsepleniia avtomobilei. Moskva, Mashgiz, 1961. 277 p.

MOTORBUSES—BODIES—TESTING

Methods and equipment for testing the strength of motorbus bodies. D. B. Gel'fgat, N. I. Voronitsova, N. N. Beliskov. Avt. prom. 28: no. 9: 18-21. S '62.

MOTORCYCLES

Turn indicator for the M-72 motorcycle. V. Vladimirov. Za bezop. dvizh. 5: no. 6: 15. Je '62.

MOTORTRUCKS

Conversion of cattle hauling trucks. TS. Frantovskii, M. Khabibullin. Tekh. v sel'khoz. 22: no. 8: 26-27. Ag '62.

Hydraulic hinge for a pipe truck. M. S. Blantei. Avt. prom. 28: no. 9: 27. S '62.

Zukarev, A. A. [Adjustment of the ZIL-130 motortruck] Regulirovka avtomobilia ZIL-130. Moskva, Avtotransizdat, 1962. 87 p.

MOTORTRUCKS—AXLES

Using carbon steel for guided gear wheels of the rear axle of the GAZ-51 motortruck. N. I. Letchford. Avt. prom. 28: no. 9: 36-39. S '62.

MOTORTRUCKS—DESIGN AND CONSTRUCTION

Khimki. TSentral'nyi [illegible] mekhanizirovannykh [illegible] [Album ... of the ZIL-157 motortruck chassis and its ... of the ZIL-157 motortruck] Albom ... osnovnykh detalei i uzlov avtomobilia ZIL-157. Moskva, Goslesbumizdat. (Tipovaia tekhnologiia remonta lesozagotovitel'nykh mashin i mekhanizmov)

Pt. 2. [The chassis except the ZIL-157 engine] Shassi, krome dvigatelia ZIL-157. 1962. 280 p.

MOUNTAIN ECOLOGY

Recent data on the height limit of shrub growth in mountains of the U. S. S. R. V. K. Lukanenkova, M. K. Khalikov. Dokl. AN SSSR. 146: no. 3: 714-716. S '62.

MOVEMENT (PHYSIOLOGY)

Characteristics of the postural and local components of the conditioned leg lifting reflex in man [with summary in English]. M. F. Korlakin. Biul. eksp. biol. i med. 53: no. 6: 6-11. Je '62.

MOVEMENT, PSYCHOLOGY OF

Coordination of the simple movements of arms and legs in school children. A. I. Kozlov. Dokl. APN no. 3: 111-113 '62.

Study of motor reactions and hand movements in deaf students. A. O. Kostanian. Dokl. APN no. 3: 119-122 '62.

MOWING-MACHINES

The ZhRD-9,8 two-stage row-type mower. F. Tiiarenko, F. Kudinov. Tekh. v sel'khoz. 22: no. 8: 61-62. Ag '62.

MUCOIDS

Diphenylamine reaction in rheumatism in children [with summary in English]. E. N. Maksakova. Pediatriia no. 8: 49-54 '62.

MUD-SCOWS see Scows

MUGAY VALLEY—PALEONTOLOGY, STRATIGRAPHIC

Problematic organic Mesozoic and Cenozoic formations in the eastern slope of the Urals. A. P. Sigov. Trudy Gor.-geol. inst. UFAN SSSR no. 61: 89-93 '61.

MUGODZHAR HILLS REGION—GAS, NATURAL—GEOLOGY

Tectonics and prospects for finding oil and gas in the Mugodzhar Hills and adjacent regions. N. V. Nevolin and others. Sov. geol. 5: no. 10: 39-56. O '62.

MUGODZHAR HILLS REGION—GEOLOGY, STRATIGRAPHIC

Rozman, Kh. S. [Stratigraphy and brachiopods of the Famenian stage of the Mugodzhar Hills and adjacent regions] Stratigrafiia i brakhiopody famenskogo iarusa Mugodzhar i smezhnykh raionov. Moskva, Izd-vo Akad. nauk SSSR, 1962. 195 p. 31 plates. (Akademiia nauk SSSR. Geologicheskii institut. Trudy, no. 50)

MUGODZHAR HILLS REGION—PETROLEUM GEOLOGY

Tectonics and prospects for finding oil and gas in the Mugodzhar Hills and adjacent regions. N. V. Nevolin and others. Sov. geol. 5: no. 10: 39-56. O '62.

MUGODZHAR HILLS REGION—RHYNCHONELLACEA, FOSSIL

Rozman, Kh. S. [Stratigraphy and brachiopods of the Famenian stage of the Mugodzhar Hills and adjacent regions] Stratigrafiia i brakhiopody famenskogo iarusa Mugodzhar i smezhnykh raionov. Moskva, Izd-vo. Akad. nauk SSSR, 1962. 195 p. 31 plates. (Akademiia nauk SSSR. Geologicheskii institut. Trudy, no. 50)

MUJICA, HECTOR, 1927-

Hector Mujica. A. Efremov. Sov. pech. no. 10: 56-57. O '62.

MULTIPLICATION

Number of classes of fields in complex multiplication. A. P. Novikov. Izv. AN SSSR, Ser. mat. 26: no. 5: 676-686. S-O '62.

MULTIPLICATION—TABLES

O'Rurk, A. N. [Multiplication tables] Tablitsy umnozheniia. 4., dop. izd. Moskva, Gosstatizdat, 1962. 336 p.

MUNICIPAL ENGINEERING—BIBLIOGRAPHY see Bibliography—Municipal engineering

MUNICIPAL SERVICES

(see also subdivision under Ural Mountain region)

Follow-ups to our articles. Zhil.-kom. khoz. 12: no. 5: 21. My '62.

For new successes in developing municipal services. Zhil.-kom. khoz. 12: no. 5: 3. My '62.

Foreign friends. V. Zelentsov. Zhil.-kom. khoz. 12: no. 3: 5. Mr '62.

Letters to the editor. Zhil.-kom. khoz. 12: no. 5: 22-23. My '62.

Noting the successes and revealing the shortcomings.... Zhil.-kom. khoz. 12: no. 3: 4-5. Mr '62.

Our beacon lights. Zhil.-kom. khoz. 12: no. 3: 2-3. Mr '62.

MUNICIPAL SERVICES—BIBLIOGRAPHY see Bibliography—Municipal services

MUNICIPAL SERVICES—COLD WEATHER CONDITIONS see subdivision under Moscow

MUNITIONS

Avramchuk, F. P., and IU. E. Vlas'evich. [Militarization of the national economy and intensification of the contradictions of imperialism] Militarizatsiia ekhonomiki i obostrenie protivorechii imperializma. Moskva, Voenizdat, 1962. 141 p.

MURGAB DISTRICT (MARY PROVINCE)—COLLECTIVE FARMS

Khallyev, B. [Leading and organizing force; from the practice of the party organization on the "Moskva" Collective Farm in Stalino District, Mary Province, Turkmen S. S. R.] Vedushchaia i organizuiushchaia sila, iz opyta raboty partiinoi organizatsii kolkhoza "Moskva" Stalinskogo raiona Maryiskoi oblasti Turkmenskoi SSR. Ashkhabad, Turkmenskoe gos. izd-vo, 1961. 52 p.

MURMANSK—HARBOR

New terminal facilities in the Murmansk harbor. A. Temichev. Mor. flot. 22: no. 10: 45. O '62.

MURMANSK PROVINCE—FOREST LITTER

Litter characteristics in some forest plantations of Murmansk Province. K. N. Manakov. Bot. zhur. 47: no. 8: 1201-1207. Ag '62.

MURMANSK PROVINCE—PUBLIC HEALTH

At the board of the Ministry of Public Health of the R. S. F. S. R., the status of public health in Murmansk Province. G. N. Kolosov. Zdrav. Ros. Feder. 6: no. 9: 42-43. S '62.

MURMANSK REGION—ELECTRONS

Vertical distribution of electron density above Murmansk. E. V. Sukhorukova. Geomag. i aer. 2: no. 5: 904-908. S-O '62.

MUSATOV, NIKOLAI PAVLOVICH

Rasporkin, F. P. [Shoots] Vskhody. Sovetskaia Rossiia, 1962. 78 p.
(DNAL)

MUSCLE RELAXANTS

Resistance of neuromuscular synapses to decamethonium. Postresistant block, its properties and nature [with summary in English]. I. V. Komissarov. Biul. eksp. biol. i med. 53: no. 6: 40-45. Je '62.

Use of muscle relaxants in anesthesiology. T. M. Dalinian. Voen. med. zhur. no. 9: 39-43. S '61.

MUSCLES

Muscular activity. M. V. Vol'kenshtein. Dokl. AN SSSR. 146: no. 5: 1136-1138. O '62.

Resistance of neuromuscular synapses to decamethonium. Postresistant block, its properties and nature [with summary in English]. I. V. Komissarov. Biul. eksp. biol. i med. 53: no. 6: 40-45. Je '62.

MUSCLES—TRANSPLANTATION

Effect of adenosinetriphosphoric acid on the restoration of the function of transplanted muscles in poliomyelitis patients [with summary in English]. A. V. Barkhash, O. N. Shcherban', A. S. IAnkovskaia. Vrach. delo no. 10: 101-107. O '62.

MUSCLES—TUBERCULOSIS

Development of an experimental tuberculous focus in the skeletal muscle of the cat and the effect on it of a ganglioblocking substance. M. A. Strannovskii. Izv. akad. med. nauk SSSR. 17: no. 2: 219-220. '61.

MUSCOVITE

Development of the quartz-muscovite complex in ore-bearing pegmatites and in rocks enclosing them. A. S. Milovskii. Zap. Vses. min. ob-va. 91: no. 3: 310-323. '62.

MUSIC see subdivision under Lithuania

MUSIC—ANALYSIS, APPRECIATION

Pollanovskii, G. A. [Notes of a lecturer] Zapiski lektora. Moskva, Sovetskii kompozitor, 1962. 198 p.

MUSIC—HISTORY AND CRITICISM

Jurisson, Johannes. [Ancient music; the origin and development of music before the Renaissance] Vanem muusikast, muusika tekkimisest ja arengust kuni renessansiajastuni. Tallinn, Eesti Riiklik Kirjastus, 1961. 58 p. (Kultuuriulikool) [In Estonian]

MUSIC, RUSSIAN—HISTORY AND CRITICISM

[Russian musical literature] Russkaia muzykal'naia literatura. Moskva, Muzgiz.
No. 1. 1961. 260 p.

MUSIC AND RADIO see Radio and music

MUSIC HALLS (VARIETY THEATERS, CABARETS, ETC.)

There is no time to be bored. G. Dubinskii. Smena 36: no. 21: 20-22. N '63.

MUSIC IN INDUSTRY see subdivision under France

MUSICIANS—CORRESPONDENCE, REMINISCENCES, ETC.

Balakirev, M. A. [Reminiscences and letters] Vospominaniia i pis'ma. Leningrad, Muzgiz, 1962. 177 p.

MUSK DEER—PARASITES see Parasites—Musk deer

MUSSELS see subdivision under Barents Sea

MUTUAL DEFENSE ASSISTANCE PROGRAM see Military assistance

MUTUAL ECONOMIC ASSISTANCE COUNCIL

Coordination of economic plans. A. Alekseev. Mezhdunar. zhizn' 9: no. 11: 74-81. N '62.

Development of cooperation among socialist countries in the field of construction. V. Kozlov, A. P. Rogovin. Ekon. stroi. no. 10: 59-64. O '62.

Development of foreign commercial relations. M. Fatova. Mezhdunar. zhizn' 8: no. 11: 91-97. N '62.

New stage in the economic cooperation of socialist countries. IU. Shkarenkov. Sots. trud 7: no. 10: 11-13. O '62.

Shoulder to shoulder. Mykola Babyn. Ukraina no. 21: 7. N '62.

Some data on the international socialist division of labor [with English summary in appendix]. V. Rybalkin. Vnesh. torg. 42: no. 10: 27-33. '62.

MSTISLAVL' DISTRICT—CORN (MAIZE)

Corn helps us to carry out our plan. A. T. Shkuro. Biul. agit. [Bel.] no. 3: 26-29. Ja '60.

MYCOBACTERIUM

Mycobacterial contamination of air in threshing areas [in Armenian with summary in Russia]. A. K. Dashtoian. Izv. AN Arm. SSR. Biol. nauki. 15: no. 7: 71-74. '62.

Role of the mycobacteria of tuberculosis of the avian type in the epizootology of tuberculosis in mammals. R. V. Tuzova. Trudy NIVI. 1: 39-43. '60.

MYNBULAK REGION—SALINE AND ALKALI SOILS

Some general natural conditions and soils in the Mynbulak area. A. A. Sokolov. Trudy Inst. pochv. AN Kazakh SSR. 13: 88-113. '62.

MYNDZHILKY VALLEY—GLACIERS

Glaciological observations in the Mynazhilky Valley (Kirghizian Ala-Tau) [with summary in English]. A.N. Lastochkin. Vest.LGU 17 no.18 112-119 '62

MYOSINS

Studying various structural forms of the protein myosin by the electron paramagnetic resonance method. L.L. Razumova. Dokl.AN SSSR 146 no.5 1197-1200 O '62.

MYOTONIA

Clinical aspects and treatment of atrophic myotonia. IU.I.Ishzon-Ryss, L.A.Kotelkov, A.I.Kolesnikov. Vrach.delo no.10 146-148 O '62.

MYSHKIN, IPPOLIT NIKITICH, 1848-1885

More about the biography of I.N.Myshkin. V.S.Antonov. Ist.arkh. 8 no.4 231-233 Jl-Ag '62.

MYTHOLOGY

"Mythologies of the ancient world" [in English]. Edited by S.N.Kramer. Reviewed by E.M.Meletinskii. Nar.Az.i Afr. no.5 194-199 '62.

MYTILACEA, FOSSIL see subdivision under Pacific Area

NADZORNYY—PSYCHIATRIC HOSPITALS

From the backward to the progressive. T.Arkhipova. Sots.obesp. 23 no.10:39 O '62.

NALCHEK—CONFECTIONERY

Use of corn in the confectionery industry. Zh.D. Khuzhokov. Khleb.i kond.prom. 6 no.10 17-19 O '62.

NAMES, GEOGRAPHICAL—ASIA MINOR

Kapantsian, G.A. [Suffixes and suffixing of words in the toponymy of Asia Minor, their genesis, linguistic origin and territorial dissemination] Suffiksy i suffigirovanye slova v toponimike drevnei Maloi Azii, ikh genezis, lingvokovaia prinadlezhnost' i territorial'noe rasprostranenie. Erevan, Akad. nauk Armianskoi SSR, 1948. 55 p. (MIU)

NAMES, GEOGRAPHICAL—IRANIAN

Moscow. TSentral'nyi nauchno-issledovatel'skii institut geodezii, nerosemki i kartografii. [Dictionary of Russian transliteration of Iranian geographical names] Slovar' russkoi transkriptsii geograficheskikh nazvanii Irana. Sost. V.L.Savina. Moskva, 1961. 216 p.

NAMES, PERSONAL

Proper names (to be continued). Semia i shkola 17 no.10:45-46 O '62.

NAPHTHALENE

Kinetics of the dehydrogenation and dehydration of isopropyl alcohol and of the dehydrogenation of tetralin on thulium oxide. A.A. Tolstopiatova, A.A. Belandin, Pyn Bi-sian [P'êng Pi-hsiang]. Izv. AN SSSR Otd. khim. nauk no.9:1524-1533 S '62.

Oxidation of naphthalene and monomethylnaphthalene fractions of semicoke-tar aromatic hydrogenates to phthalic anhydride. A.I.Blonskaia, E.A.Dembovskaia, A.V.Lozovoi. Trudy IGI 17,182-186 '62.

Phosphorescence of naphthalene and some of its derivatives at the temperature of liquid oxygen. B.A. Piatnitskii and others. Izv.vys.uch.zav.:fiz. 3:41-44 '62.

NAPHTHENES

Anilides of 5-acenaphthoic acid and 3-acenaphthenesulfonic acid. G.V.Kulik. Ukr.khim.zhur. 28 no.6 637-640 '62.

NAPHTHENIC ACID

Effect of electrolytes on the critical concentration of sodium laurinate and naphthenate micelles. P.A. Demchenko, N.N.Zakharova, L.G.Demchenko. Ukr. khim.zhur. 28 no.5 611-614 '62.

Guseinov, D.M. [Use of new fertilizers of petroleum origin] Primenenie novykh vidov udobrenii neftianogo proiskhozhdeniia. Moskva, Izd-vo selkhoz. lit-ry, zhurnalov i plakatov, 1961. 63 p. (MIU)

NAPHTHOIC ACID

Anilides of 5-acenaphthoic acid and 3-acenaphthenesulfonic acid. G.V.Kulik. Ukr.khim.zhur. 28 no.6 637-640 '62.

NAPHTHOQUINONE

Polarographic determination of 9, 10-dihydroanthrylene-1', 4'-naphthoquinone. E.I.Klabunovskii, L.V.Antik, N.A.Ezerskaia. Izv.AN SSSR, Otd.khim.nauk no.10 1877-1880 O '62.

NAPOLEON I—PORTRAITS, CARICATURES, ETC.

So you want Russian peasants?.. S.Klavdiev. Sov. pech. no.10:45 O '62.

NARYM RANGE—GRAPHITE

Singular formations of hydrothermal gypsum and graphite in the ores of the Cherdoyak deposit. N.N. Popova. Zap.Vses.min.ob-va 91 no.3:353-355 '62.

NARYM RANGE—GYPSUM

Singular formations of hydrothermal gypsum and graphite in the ores of the Cherdoyak deposit. N.N. Popova. Zap.Vses.min.ob-va 91 no.3.353-355 '62.

NATIONAL GUARD see subdivision under United States

NATIONAL SOCIALISM

An unkown article by Heinrich Mann. N.S.Isaev, V.I. Sharonov. Ist.arkh. 8 no.4:197-202 Jl-Ag '62.

NATIONALISM see subdivision under Azerbaijan

NATIONALISM AND ART

An unknown letter of V.V.Stasov. A.I.Davidenko Ist.arkh. 8 no.4 227-228 Jl-Ag '62.

NATIONALITIES

(see also subdivision under Transcaucasia)

[Formation of socialist nations in the U.S.S.R.] Formirovanie sotsialisticheskikh natsii v SSSR, [sbornik statei]. Moskva, Gospolitizdat, 1962. 637 p.

Great brotherhood of nations; on the 40th anniversary of the establishment of the U.S.S.R. M.Akhmedov. Agitator no.23:19-21 D '62.

How the industrial development of the non-Russian republics of the Soviet Union was equalized during the building of socialism. IU.P.Vorob'ev. Ist.SSSR 6 no.4-26-51 Jl-Ag '62.

Molochko, A.D. [Relations among the nations of the U.S.S.R. during the period of the expanded building of communism] Natsional'nye otnoshenila v SSSR v period razvernutogo stroitel'stva kommunizma. Minsk, 1962. 30 p. (Obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii Belorusskoi SSR, no.11)

Patchadze, G.G. [In a united fraternal family of nations] V edinoi bratskoe sem'e narodov. Tbilisi, Izd-vo Soiuza pisatelei Gruzii "Zarla Vostoka," 1961. 80 p.

Prosperity of Soviet nations and their further amalgamation. K.Khanazarov, Kommunist 34 no.7.77-85 Jl '62.

NATURAL HISTORY

Interesting world. M.Gavrilov. Ukraina no.16:23 S '62.

"Reason against elements" by I.Adabashev. Reviewed by F.I.Baranova. Priroda 51 no.10.121 O '62.

NATURAL RESOURCES

(see also subdivision under Armenia)

Does humanity have sufficient natural resources? P.K. Fedorov. Nauka i zhizn' 29 no.9:25-28 S '62.

Earth Science and the problems of altering nature. A.G. Doskach. Izv.AN SSSR, Ser.geog. no.5:127-137 S-O '62.

NATURE STUDY

Forest stories. Jan Kucharski. Vokrug sveta no.9: 62 S '62.

Visiting with nature. Evgenii Orlov. Nauka i zhizn' 29 no.9:100 S '62.

NATURE-WORSHIP

...They worshipped stones? Nauka i rel. 4 no.11:94-95 N '62.

NAUTICAL CHARTS

Establish a unified order for the preparation, preservation, and correction of navigation aids. A.Voretenichev. Mor.flot 22 no.10 19-20 O '62.

NAUTILOIDEA, FOSSIL see subdivision under Siberian Platform

NAVAL ARCHITECTURE

In the Collegium of the Ministry of the River Fleet. Rech. transp. 21 no.10:37 O '62.

Strakhov, A.P. [Principles of the theory and structure of ships for inland navigation] Osnovy teorii i ustroistva sudov vnutrennego plavaniia. Izd.2., ispr.i dop. Moskva, Izd-vo "Rechnoi transport," 1962. 224 p.

NAVIES see also subdivision 'Navy' under Russia

NAVIGATION

General graphic solution of navigation problems by the "insertion" method using position lines taken at various time. M.Leskov. Mor.flot, 22 no.10.16-19 O '62.

NAVIGATION—GRAPHIC METHODS

Mal'tsev, B.A. [Use in navigation of lines of position taken at different times] Ispol'zovanie raznovremennykh linii polozhenila v sudovozhdenii. Moskva, Morskoi transport, 1962. 138 p.

NAVIGATION—LAWS AND REGULATIONS see subdivision under Danube River

NEAR EAST—GAS, NATURAL—GEOLOGY

Baklrov, A.A., and A.M. Pronina. [Oil- and gas-bearing provinces in southeastern Asia and the Near East; geological conditions governing regional oil and gas accumulation] Neftegazonosnye oblasti Bllzhnego Vostoka i IUgo-Vostochnoi Azii; geologicheskie uslovila regional'nogo neftegazonakopleniia. Moskva, Gosgeoltekhizdat, 1962. 207 p.

NEAR EAST—PETROLEUM GEOLOGY

Bakirov, A.A., and A.M. Pronina. [Oil- and gas-bearing provinces in southeastern Asia and the Near East; geological conditions governing regional oil and gas accumulation] Neftegazonosnye oblasti Bllzhnego Vostoka i IUgo-Vostochnoi Azii; geologicheskie uslovila regional'nogo neftegazonakopleniia. Moskva, Gosgeoltekhizdat, 1962. 207 p.

NEAR EAST—PETROLEUM INDUSTRY

"The Near East, oil and independence" by R.N. Andrianian, A.IA. Il'inov. Reviewed by B.M. Dantsig. Nar. Az. i Afr. no.5 170-173 '62.

NEAR EAST—POLITICS

"The Near East, oil and independence" by R.N. Andrianian, A.IA. Il'inov. Reviewed by B.M. Dantsig. Nar. Az. i Afr. no.5 170-173 '62.

NEBULAE

Colorimetry of cometary nebula NGC 2261 [with summary in English]. E.S. Parenago. Soob. Biur. obser. no.30-51-55 '62.

Polarization of cometary nebula NGC 2261 [with summary in English]. E.F. Khachikian, N.L. Kulloglian. Soob. Biur. obser. no.30.45-50 '62.

NECROSIS

Early necrectomy in free skin autoplasty. M.A. Surpina. Vest.khir. 89 no.8:75-76 Ag '62.

NEJEDLY, ZDENEK, 1878-1962

A conference devoted to Zdenek Nejedly. K.P.Gagina. Nov.i noveish.ist. no.4:195 '62.

NEKRASOV, NIKOLAI ALEKSEEVICH, 1821-1877

Petrushkov, V.S., and A.A. Luchok. [Ideology and craftsmanship of M.E. Saltykov-Shchedrin and N.A. Nekrasov] Ideinost' i masterstvo, M.E. Saltykov-Shchedrin i N.A. Nekrasov. Stalinabad, Tadzhikskii gos. univ. im. V.I. Lenina, 1961. 190 p. (MIU)

NEMAN VALLEY (WHITE RUSSIA)—ANTIQUITIES

Gurevich, F.D. [Antiquities of the White Russian part of the Neman Valley] Drevnosti Belorusskogo Pone-manila. Moskva, Izd-vo Akad. nauk SSSR, 1962. 219 p.

NEMATODA see subdivision under Tuva A.S.S.R.

NEODYNIUM-MAGNESIUM ALLOYS see Magnesium-neodynium alloys

NEON

Elastic and inelastic proton scattering by Ne^{22} nuclei [with summary in English]. P.V.Sorokin. Zhur.eksp. i teor.fiz. 43 no.3 749-751 '62.

NEPAL—DESCRIPTION AND TRAVEL

Beyond the seven mountains. V.Pushkurkov. Ogonek 10 no.25 21 Je '62.

NEPHELINE

Low-temperature caking of nephelines with caustic alkalis. L.A.Sputnova, A.I.Bellaev. Izv.vys.ucheb. zav., tsvet.met. 5 no.5:93-99 '62.

NEPTUNIUM—ANALYSIS

Photometric determination of neptunium by means of quercetin. P.G.Chudinov, G.N.IAkovlev. Radiokhimiia 4 no.3:371-375 '62.

Photometric determination of neptunium by means of thoron. P.G.Chudinov, G.N.IAkovlev. Radiokhimiia 4 no.3:375-377 '62.

NERVES

Neuron started talking. IUrii Shcherbak. Nauka i zhizn' 29 no.6:50-53 Je '62.

Resistance of neuromuscular synapses to decamethonium. Postsynaptic block, its properties and nature [with summary in English]. I.V.Komissarov. Biul.eksp. biol.i med. 53 no.6.40-45 Je '62.

NERVOUS SYSTEM

Effect of indole derivatives on higher nervous activity. A.S. Zakharevskii. Zdrav.Bel. 8 no.5:36-38 My '62.

Effect of the nervous system on the appearance of pulmonary atelectasis in an experiment. A.M.Rabinovich. K izuch.roli nerv.sist.v pat., immun.i lech. tub. no.2:360-376 '61.

Effect of the nervous system on the rate of resolution of pulmonary atelectasis; an experimental study. A.M.Rabinovich, T.N.Shtepotova. K izuch.roli nerv. sist.v pat., immun.i lech.tub. no.2:377-384 '61.

Effect of the state of the nervous system on the rhizoptive capacity of the tongue, an experimental study. A.I.Marchenko. Trudy Nauch.-issl.inst.stom. no.10 122-126 '62.

Experimental study of higher nervous activity in children with primary tuberculosis. E.F.Gagatova. K izuch.roli nerv.sist.v pat., immun.i lech.tub. no.2:103-111 '61.

Experimental tuberculosis of the spleen and its interrelation with the nervous system. G.S.Kan, E.I. Kan, K.A.Poletaeva. K izuch.roli nerv.sist.v pat., immun.i lech.tub. no.2:46-62 '61.

Functional disorders of the nervous system in pulmonary tuberculosis, based on data from an overall study. B.M.Zarnitskaia, K.A.Kharcheva. K izuch.roli nerv. sist.v pat., immun.i lech.tub. no.2:84-91 '61.

Materials on the problem of the role of the nervous system in the pathogenesis of hematogenic tuberculosis of the larynx. Report No.3. M.E.Pavlenko. K izuch. roli nerv.sist.v pat., immun.i lech.tub. no.2:237-242 '61.

Materials on the study of the role of the nervous system in the pathogenesis of experimental tuberculosis of the gastrointestinal tract. I.IA.Danelik. K izuch. roli nerv.sist.v pat., immun.i lech.tub. no.2:220-236 '61.

NERVOUS SYSTEM (Continued)
Mechanism of the action of aminazine on the central nervous system. V. I. Savchuk. Trudy Gos. nauch.-issl. inst. psikh. 27 212-221 '61.
Physiological analysis of the pathological neurodynamics of the higher segments of the central nervous system in tuberculosis. G. S. Kan. K izuch. roli nerv. sist. v pat., immun. i lech. tub. no. 2, 5-18 '61.
Role of the nervous system in the development of a focus of primary tuberculous inflammation in the skin of guinea pigs. Report No. 1. V. A. Strelets. K izuch. roli nerv. sist. v pat., immun. i lech. tub. no. 2 198-211 '61.
Some aspects of the role of the nervous system in the process of treating infected wounds with hexachloran (in Armenian with summary in Russian) A. S. Avakian. Izv. Glav. upr. sel'khoz. nauk i podget. kad. Arm. SSR 5 no. 7 109-115 '62.
Some pathophysiological shifts in higher nervous activity during the treatment with neuroplegic substances of schizophrenia. S. V. Dneprovskaia. Trudy Gos. nauch.-issl. inst. psikh. 27 201-207 '61.
State of higher nervous activity in tuberculosis. A. D. Semenov. K izuch. roli nerv. sist. v pat., immun. i lech. tub. no. 2 92-102 '61.
Study of the cutaneogalvanic reflex as an index of the reactivity of the nervous system in chronic cholecystitis. A. M. Nogaller. Uch. zap. Pyat. gos. nauch.-issl. bal'n. inst. 3 139-158 '60.
Study of the influence of the nervous system on the formation of immunity to tuberculosis in white mice. Report No. 1. A. E. Perelman. K izuch. roli nerv. sist. v pat., immun. i lech. tub. no. 2 301-313 '61.
Study of the influence of the nervous system on the formation of immunity to tuberculosis in white mice. Report No. 2. A. E. Perelman. K izuch. roli nerv. sist. v pat., immun. i lech. tub. no. 2 311-322 '61.

NERVOUS SYSTEM—DISEASES
Detanov, V. IA. [Psychic disorders associated with rheumatism in children and adolescents] Psikhicheskie narushenila pri revmatizme u detei i podrostkov. Pod red. G. E. Sukharevoi. Moskva, Gos. nauchno-issl. in-t psikhiatrii MZ RSFSR, 1962. 188 p. (DNLM)
Diagnostic significance of an intracutaneous administration of Margulis-Shubladze vaccine in virus infections of the nervous system. N. S. Molchanova. Uch. zap. Pyat. gos. nauch.-issl. bal'n. inst. 3 375-379 '60.
Nervous system lesions in rheumo-septic endocarditis. I. G. Gloriozova. Vest. AMN SSSR 17 no. 7 30-31 '62.
Penciks, A., G. Enina, and J. Berzins. [Nervous diseases] Nervu slimibas. Riga, Latvijas Valsts izdevnieciba, 1961. 237 p. [In Latvian] (DNLM)
Work of a respiratory center in the treatment of respiratory disorders in poliomyelitis and in diseases of the nervous system of varying etiology. L. M. Popova. Vest. AMN SSSR 17 no. 7 23-29 '62.

NERVOUS SYSTEM—DEGENERATION AND REGENERATION
Nerve regeneration in experimental animals under biotron conditions [with summary in English] P. A. Perfilo. Vrach. delo no. 10 107-111 O '62.

NERVOUS SYSTEM—MOLLUSKS
Interaction of cerebral and abdominal ganglia of the edible snail Helix pomatia in reflex regulation of cardiac activity. N. A. Smirnova, R. F. Popkova. Nauch. dokl. vys. shkoly, biol. nauki no. 1 59-63 '62.

NERVOUS SYSTEM—SURGERY
International Congress of Neurosurgeons. B. G. Egorov, G. I. Kandel'. Vest. AMN SSSR 17 no. 7 87-88 '62.

NERVOUS SYSTEM, AUTONOMIC
Breitman's test as an index of vegetative changes in chronic gastritis. N. K. Vasil'eva. Uch. zap. Pyat. gos. nauch.-issl. bal'n. inst. 3 59-66 '60.

NESTEROV, MIKHAIL VASIL'EVICH, 1862-1942
Born twice. V. Ol'shevskii. Ogonek 40 no. 22-16 My '62.
From meetings with M. V. Nesterov. V. Bulgakov. Iskusstvo 25 no. 8, 64-66 '62.

NETHERLANDS—HISTORY
The Spartak movement in the Netherlands in 1917. I. M. Kitvoguz. Nov. i noveish. ist. no. 5 92-97 '62.

NETHERLANDS—SHAFT SINKING
Self-sliding "Leven" make form. S. L. Kilimov. Ugol' Ukr. 6 no. 10 44-45 O '62.

NETHERLANDS—YOUTH
The "Aldermaston March," 1961 in the Netherlands. Mol. mira no. 6, 2-3 '61.

NEURITIS, MULTIPLE
Some clinical forms of infectious lumbosacral radiculoneuritis. K. F. Kanareikin, I. S. Kurilenko, E. S. Brezhneva. Voen.-med. zhur. no. 9 44-48 S '61.

NEUROCHEMISTRY
Chemical factors of neural stimulation in diabetes mellitus and their change under the influence of treatment, preliminary report. I. D. Frenkel'. Uch. zap. Pyat. gos. nauch.-issl. bal'n. inst. 3 191-200 '60.
Disorder of neurohumoral regulation in infectious polyarthritis and its changes under the influence of health resort treatment in Pyatigorsk. P. G. Tsaritis, G. S. Glotova. Uch. zap. Pyat. gos. nauch.-issl. bal'n. inst. 3 67-78 '60.
Effect of radon waters of varying concentrations on some indices of neurohumoral regulation in chronic gastritis. R. L. Blokh, N. K. Vasil'eva, A. G. Saakian. Uch. zap. Pyat. gos. nauch.-issl. bal'n. inst. 3 48-58 '60.
Some laboratory studies of neurohumoral disorders in schizophrenia. A. I. Serova. Trudy Gos. nauch.-issl. inst. psikh. 27 151-155 '61.
State of the humoral factors of nervous excitation and phagocytic activity of the leucocytes in chronic tonsillitis in children [with summary in English] R. A. Kaliuzhnaia, T. S. Krasavina. Pediatriia no. 8 54-57 '62.

NEUROLOGY
Ideas of materialistic neurosism in the works of A. A. Sokolovskii. O. G. Pikhalaeva. Trudy Gos. nauch.-issl. inst. psikh. 27 378-382 '61.

NEUROSES
Effect of compound health resort treatment in Kislovodsk using Nazan baths on neurosis patients with cardialgia and the angioneurotic form of stenocardia, based on data from clinical observation and plethysmography. N. P. Chinarova. Uch. zap. Pyat. gos. nauch.-issl. bal'n. inst. 3 231-246 '60.
Immediate and late results of treatment in Kislovodsk of neurosis patients with cardiovascular manifestations. P. P. Fedorova. Uch. zap. Pyat. gos. nauch.-issl. bal'n. inst. 3 247-255 '60.
Pathophysiological mechanisms of headache in neuroses. B. D. Karvasarskii. Trudy Gos. nauch.-issl. inst. psikh. 27 313-319 '61.
Physical hysterical symptoms in hysterical neurosis and hysterical reactions. Iu. P. Maulova. Trudy Gos. nauch.-issl. inst. psikh. 27 276-283 '61.
Prognostic significance of the "dysmorphophobia" syndrome. M. V. Korkina. Trudy Gos. nauch.-issl. inst. psikh. 27 27-31 '61.
Secretory cycle of the thyroid gland in experimental neurosis [with summary in English]. M. G. Amiragova. Biul. eksp. biol. i med. 53 no. 6 15-19 Je '62.

NEUTRINOS
Belliev, V. B. [Possibility of the accumulation of optical neutrinos in closed cavities] O vozmozhnosti nakopleniia optycheskikh neitrino v zamknutykh polostiakh. Dubna, Ob"edinennyi in-t iadernykh issl., 1962. 5 p.
A process opposite to the $\pi \to \mu\nu$ decay in a Coulomb nuclear field. Iu. P. Nikitin, E. P. Shabalin. Zhur. eksp. i teor. fiz. 43 no. 3 1119-1120 '62.

NEUTRINOS—SCATTERING
Elastic neutrino and antineutrino scattering on electrons taking higher approximations into account [with summary in Russian] Nguen Van-khieu. Zhur. eksp. i teor. fiz. 43 no. 3 981-990 '62.

NEUTRON ACTIVATION ANALYSIS see Radioactivation analysis

NEUTRONS
Albego of slow neutrons in the atmosphere at a depth of 30 g/cm^{-2}. V. D. Sokolov, Iu. G. Shafer. Geomag. i aer. 2 no. 5 836-838 S-O '62.
Determining the lifetime of a high-temperature plasma on the basis of the duration of neutron emission [with summary in English] Iu. V. Gott, V. G. Telkovskii. Zhur. eksp. i teor. fiz. 43 no. 3, 831-834 '62.
Fission of U^{238} nuclei by continuous spectrum photons with $E_{\gamma max} = 35$ Mev, and by 14 Mev. neutrons. A. P. Komar, B. A. Buchagov, V. I. Fadeev. Dokl. AN SSSR 146 no. 5 1051-1053 O '62.
Probability of triple fission of U^{233} nuclei by resonance neutrons [with summary in English] A. A. Panov. Zhur. eksp. i teor. fiz. 43 no. 3 847-851 '62.
Radio circuit of a transistorized neutron monitor. I. N. Kapustin, A. M. Smirdobtsev, G. V. Shafer. Geomag. i aer. 2 no. 4 777-781 Jl-Ag '62.
The 30th anniversary of the discovery of neutrons. S. F. Shebalin. Priroda 51 no. 10 83-84 O '62.

NEUTRONS—CAPTURE
Popov, Iu. P., and Iu. I. Fenin. [Analysis of averaged cross sections of neutron capture] Analiz usrednennykh sechenii zakhvata neitronov. Dubna, Ob"edinennyi in-t iadernykh issl., 1962. 14 p. [With summary in English]

NEUTRONS—MEASUREMENT
Using a neutron detector. R. Z. Denikaev and others. Geomag. i aer. 2 no. 5 1010-1011 S-O '62.

NEUTRONS—SPECTRA
Analysis of the energy spectrum of polarized neutrons using a magnetic field. G. M. Drabkin. Zhur. eksp. i teor. fiz. 43 no. 3 1107-1108 '62.

NEVEROV, A., pseud. see Skobolev, Aleksandr Sergeevich, 1886-1923

NEW BROADCASTS see Radio journalism

NEW GUINEA, WEST—POLITICS AND GOVERNMENT
Another setback for colonialists. V. Senin. Az. i Afr. segodnia no. 10 54-55 O '62.

NEW GUINEA, WEST (WEST IRIAN)
West Irian. Agitator no. 22 37 N '62.

NEW YORK (CITY)—CHURCHES
A church with all accomodations is on sale. S. Gorbovskii. Nauka i rel. 4 no. 11 51 N '62.

NEW YORK (CITY)—DESCRIPTION
Streets and streets. . . B. Ivanov. Ogonek 40 no. 21 26-29 Je '62.

NEW YORK (CITY)—SOCIAL CONDITIONS
New York begs to be saved. V. Voinov. Smena 19 no. 21 27-29 N '62.

NEW ZEALAND—MOA
The giant bird moa. K. K. Markov. Priroda 51 no. 10 111-115 O '62.

NEWFOUNDLAND—FOREST FIRES
Newfoundland fire. Vokrug sveta no. 9 54 S '62.

NEWFOUNDLAND REGION—ZOOPLANKTON
Distribution and seasonal changes of the zooplankton in the region of Newfoundland. E. V. Vladimirskaia. Trudy VNIRO 46, 296-315 '62.

NEWSPAPER AND PERIODICAL CIRCULATION
(see also subdivision under Arab Countries, Bukovina, Gomel' Province, Kirghizistan, Leningrad; Moscow, Turkmenistan; Ukraine, Ventspils)
Against a formalistic procedure in regard to workers' complaints. A. Nefedov. Raspr. pech. no. 10 10-11 O '62.
Improve the service to railroad men. A. Mineykin. Raspr. pech. no. 10 6-7 O '62.
The individual subscriber gets the center of attention. Raspr. pech. no. 10 1-2 O '62.
A party office becomes an organizer of the subscription campaign. I. Galuzinskii. Raspr. pech. no. 10, 5 O '62.
The Soviet on the "Rodina" Collective Farm. B. Nalivaev. Raspr. pech. no. 10 8-9 O '62.
What method is better? L. Sitsinskaia. Raspr. pech. no. 10 18 O '62.
The work of volunteers is a powerful force; it should be used correctly. Raspr. pech. no. 10 4-5 O '62.

NEWSPAPERS see subdivision under Daghestan; Karaganda

NEWSPAPERS—SECTIONS, COLUMNS, ETC. see subdivision under Ukraine

NEZHIN—INTELLECTUAL LIFE
From the archives of the Nezhin Gymnasium for Advanced Study. Il. IA. Nedil'ko. Rad. lit. 6 no. 4 124-128 Jl-Ag '62.

NICKEL—COLD WORKING
Abrasive wear of prestressed nickel. V. N. Kashchiev, V. M. Glazkov. Fiz. met. i metalloved. 14 no. 4, 608-612 O '62.

NICKEL—ISOTOPES
Stripping reaction on nickel isotopes [with summary in English]. M. V. Pasechnik, P. G. Ivanitskii. Zhur. eksp. i teor. fiz. 43 no. 3, 777-782 '62.

NICKEL—METALLURGY
Kinetics of nickel reduction by hydrogen from ammoniacal-sulfate solutions. G. N. Dobrokhotov, N. I. Ommiskaia. Izv. vys. uchebn. zav., tsvet. met. 5 no. 5 72-78 '62.

NICKEL—WELDING
Chemical composition and structure of welded joints in commercial nickel. K. V. Bagrianskii, G. S. Kuz'min. Avtom. svar. 15 no. 11 30-36 N '62.

NICKEL ALLOYS
Phase diagram of the system $Ni_3Al - Ni_3Nb$. R. S. Iliets, G. F. Bolieeva, Iu. S. Malkov. Zhur. neorg. khim. 7 no. 10 2382-2387 O '62.

NICKEL CATALYSTS
Effect of the method of preparing on the activity of nickel catalysts. P. Tetenl, K. Shakhter. Dokl. AN SSSR 141 no. 3 621-624 S '62.

NICKEL ELECTRODES see Electrodes, Nickel

NICKEL-IRON ALLOYS
Natural ferromagnetic resonance in monocrystals of a nickel-iron ferrate [with summary in English] A. A. Askochenskii, T. M. Perekalina. Zhur. eksp. i teor. fiz. 43 no. 3, 841-846 '62.

NICKEL-IRON ALLOYS—TESTING
Effect of temperature on hardness changes and the elasticity modulus of alloys in the system Fe-Ni. E. A. Assonova, M. G. Lozinskii. Metalloved. i termo. obr. met. no. 10, 11-15 O '62.

NICKEL-IRON-CARBON ALLOYS
Thermodynamics of solid solutions in the system Fe-Ni-C. E. F. Petrova, L. A. Shvartsman. Dokl. AN SSSR 146 no. 3 646-648 S '62.

NICKEL-MANGANESE ALLOYS see Manganese-Nickel alloys

NICKEL PLATING

Hardening machine part surfaces by chemical nickel plating. S. A. Vishenkov, V. I. Velemitsina Trudy Sem. po kach. poverkh. no. 5 146-155 '61

Labutin, V. P. [New technological processes for the application of bright copper and nickel coatings] Novye tekhnologicheskie protsessy blestiashchikh mednykh i nikelevykh pokrytii. Leningrad, 1962 36 p (Leningradskii dom nauchno-tekhnicheskoi propagandy Obmen peredovym opytom Serilia Zashchitnye pokrytiia, no 3)

Mechanism of the electrodeposition of nickel from sulfate solutions. A. T. Vagramian, L. A. Ilvarov. Dokl. AN SSSR 146 no. 3, 635-637 S '62.

NICKEL SELENIDE—THERMAL PROPERTIES

Thermal stability of iron and nickel selenides and tellurides IU. V. Rumiantsev, G. M. Zhiteneva, F. M. Bolondz' Trudy Vost. Sib. fil. AN SSSR no. 11 114-120 '62.

NICKEL TELLURIDE—THERMAL PROPERTIES

Thermal stability of iron and nickel selenides and tellurides. IU. V. Rumiantsev, G. M. Zhitenova, F. M. Bolondz' Trudy Vost. Sib. fil. AN SSSR no. 41 114-120 '62

NICKEL-TITANIUM ALLOYS see Titanium-nickel alloys

NICOTINAMIDE

Kinetics and mechanism of the addition of weak acid anions to N-benzyl-1,4-dihydronicotinamide. O. M. Grishin, A. A. IAsnikov. Ukr. khim. zhur. 28 no. 6: 707-713 '62.

NICOTINE

Hypotensive activity of nicotine and carboline derivatives and of some aliphatic and alicyclic amines [with summary in English]. D. A. Kharkevich. Uch. zap. Inst. farm. i khimioter. AMN SSSR 2 153-164 '60.

NICOTINIC ACID

Characteristics of the interoceptive reflexes to nicotinic acid in pulmonary tuberculosis I. S. Kolesnikova, M. D. Shkol'nikova. K izuch. roli nerv. sist. v pat. i immun. i lech. tub. no. 2, 74-79 '61.

NIGER—COMMERCE—RUSSIA

Ten days in the Niger Republic. I. Grishin. Vnesh. torg. 42 no. 10 13-14 '62.

NIGER—ECONOMIC CONDITIONS

Ten days in the Niger Republic. I. Grishin. Vnesh. torg. 42 no. 10 13-14 '62.

NIGERIA—DESCRIPTION AND TRAVEL

The Niger overflows V. Ioffanskii Ogonek 40 no. 12 [illegible] 23 O '62.

NIGERIA—ECONOMIC POLICY

Two years of independence [with English summary in insert]. K. Gelvandov. Az. i Afr. segi. no. 10 8-9, 16 O '62.

NIGHT SKY

[illegible]

Issledovanii po programme Mezhdunarodnogo geofizicheskogo goda)

No. 9. [Auroras and night-sky light] Polarnye siianiia i svechenie nochnogo neba, 1962. 61 p.

Collection no. 8 of articles entitled "Auroras and night-sky light" A. I. Ol'. Geomag. i aer. 2 no. 5 1020-1021 S-O '62.

NIGHT VISION

Use of vitamin A for increasing night vision in military personnel G. Sh. Avin, IU. P. Pogonov Voen.-med. zhur. no. 9 75-76 S '61

NIKITA (CRIMEA)—BOTANICAL GARDENS

Voloshin, M. P. [State Nikita Botanical Garden; guidebook] Gosudarstvennyi Nikitskii botanicheskii sad; putevoditel', Simferopol', Krymizdat, 1960. 157 p. illus. (CU)

NIKITINA, EVDOKSHIA FEDOROVNA, 1903-

"Nikitina's saturday gatherings." Nauka i zhizn' 29 no. 9: 63, 111-112 S '62.

NIKOLAEV, ANDRIAN GRIGOR'EVICH, 1929-

Ahead, to the victory of communism Av. i kosm. 15 no. 9: 6-7 '62.

Answers to questions Av. i kosm. 45 no. 9, 52-56 '62.

Astronaut Andrifan Nikolaev. M. Golyshev. Kryl. rod. 13 no. 9: 4-5 S '62.

Astronauts recount. D. Dmitriev. Av. i kosm. 45 no. 9 94-95 '62.

The beginnings (to be continued) A. Nikolaev, Av. i kosm. 45 no. 9: 72-76 '62.

Confidence (to be continued). A. Nikolaev. Av. i kosm. 45 no. 10: 21-25 '62.

Country acclaims space heroes. Av. i kosm. 45 no. 9, 20-38 '62.

The first Soviet team in space. P. R. Popovich Av. i kosm. 45 no. 9 49-51 '62.

Group flight of several days in space has been successfully completed Av. i kosm. 15 no. 9 16-19 '62

New space records. L. G. Borisenko. Kryl. rod. 13 no. 9 8-9 S '62.

Our heart is in orbit A. Merkulov. Av. i kosm. 15 no. 9 91-93 '62

Our scientific peaceful objectives A. G. Nikolaev Av. i kosm. 15 no. 9 15-19 '62

Space field and the area of landing. N. Kamanin and others Av. i kosm. 15 no. 9 61-70 '62

They fulfilled the task as communists should IU. Gagarin Av. i kosm. 45 no. 9 57-59 '62

To the CPSU and peoples of the Soviet Union! To peoples and governments of all countries! To all of progressive mankind! Av. i kosm. 45 no. 9 3-6 '62

Ukrains'ke tovarystvo druzhby i kul'turnoho zv'iazku z Zarubizhnymy krainamy. [Soviet austronauts Adrian Nikolaev and Pavel Popovich] Sovetskie kosmonavty Andrilan Nikolaev i Pavel Popovich. Kiev, 1962. 5 p. 46 photographs. [Parallel texts in Russian, Ukrainian, and German]

The "Vostok-3" spaceship is in space Av. i kosm. 15 no. 9 8-11 '62

NIKOPOL' REGION—MANGANESE ORES

Efficient use of Nikopol' manganese ores in the production of manganese alloys G. I. Kontorovich, I. F. Krasnykh, G. B. Shirer Gor. zhur. no. 10 56-62 O '62

NIKOPOL' REGION—MINING ENGINEERING

Determination of the thickness of roofs in open-cut mining of areas where there are old underground workings B. P. Bogolubov and others Gor. zhur. no. 11 21-23 N '62

NIKOPOL' REGION—STRIP MINING—EQUIPMENT AND SUPPLIES

Efficient use of new equipment in constructing open-pit mines IA. I. Guberman, A. V. Krasnomovets Gor. zhur. no. 11 17-20 N '62

NILE RIVER—DAMS

Under the pyramids. E. Parnov. Mol. intra no. 6 11-15 '61

NIOBIUM CARBIDE

Solution and formation of niobium carbide in low-carbon manganese steel. V. R. Golik and others. Fiz. met. i metalloved. 14 no. 4 555-558 O '62.

NIOBIUM CHLORIDE

Interaction of niobium and tantalum pentachlorides with sodium and potassium chlorides A. P. Palkin, N. D. Chikanov, Zhur. neorg. khim. 7 no. 10: 2394-2399 O '62.

NIOBIUM COMPOUNDS

Complex formation in the system niobium (V) - salicylate-organic base. A. K. Babko, A. N. Volkova. Zhur. neorg. khim. 7 no. 10: 2345-2351 O '62.

Spectrophotometric study of pyrogallate complexes of niobium. A. K. Babko, V. V. Lukachina. Ukr. khim. zhur. 28 no. 3: 371-377 '62.

NIOBIUM-TITANIUM ALLOYS—METALLOGRAPHY

Process and products of the oxidation of niobium-titanium alloys. D. A. Prokoshkin, E. V. Vasil'eva. Izv. AN SSSR, Otd. tekh. nauk, Met. i topl. no. 5: 151-156 S-O '62

NIOBIUM-ZIRCONIUM ALLOYS see Zirconium-niobium alloys

NISHCHYNS'KIY PETRO IVANOVYCH, 1632-1698

Author of an immortal song. M. Lystopad, M. Vizyr, IU. Kolesnichenko. Ukraina no. 18: 25 S '62

NITRAGIN

Role of nodule bacteria in the nitrogen nutrition of leguminous plants and the urgent task of increasing the efficacy of nitragin application [with summary in English] L. M. Doroshinskii. Izv. AN SSSR. Ser. biol. no. 5: 700-708 S-O '62.

NITRATES

Use of cation exchangers in the form of salts for removing foreign anions in the determination of nitrates. I. K. TSitovich, T. A. Lapina. Zhur. VKHO 7 no. 5: 579-580 '62.

NITRIC ACID

Complex compounds of lanthanide nitrates with nitric acid. E. D. Kriss, Z. A. Sheka. Radiokhimiia 4 no. 3: 312-322 '62.

Recent developments in the technology of complex fertilizers using the nitric acid treatment of phosphates. F. G. Margolis, T. V. Glazova, A. I. Sverdlova. Zhur. VKHO 7 no. 5: 507-512 '62.

NITRILES

Synthesis of polymers from nitriles of aliphatic acids. S. L. Sosin and others. Izv. AN SSSR, Otd. khim. nauk no. 9 1644-1650 S '62.

NITRO COMPOUNDS

Stradiņš, Jānis. [Polarography of organic nitro compounds] Polarografiia organicheskikh nitrosoedinenii. Riga, Izd-vo Akad. nauk Latviiskoi SSR, 1961 162 p. illus. tables.
(NNC)

NITROGEN

Nitrogen solubility and content in cast iron. I. I. Iovl. Ukr. proizv. no. 10 32-35 O '62.

Production of nitrogen from air by catalytic oxidation of ammonia with the aid of a vanadium catalyst M. G. Morekhin, V. S. IAkovlev, A. G. Sidorovich Ukr. khim. zhur. 28 no. 5 635-638 '62

NITROGEN—FIXATION

Role of microelements in nitrogen fixation [with summary in English]. N. B. Krylova. Izv. AN SSSR, Ser. biol. no. 5: 718-731 S-O '62.

Symbiotic nitrogen fixation [with summary in English]. E. N. Mishustin. Izv. AN SSSR Ser. biol. no. 5: 685-699 S-O '62.

NITROGEN—ISOTOPES

Use of the isotopes P32 and N15 in the agricultural chemistry. A. V. Sokolov, F. V. Turchin. Zhur. VKHO 7 no. 5, 489-491 '62.

NITROGEN COMPOUNDS

Hydrolytic stability of nitrogen compounds of peat. L. A. Borozdina. Trudy IGI 17, 88-98 '62.

NITROGEN COMPOUNDS—THERMAL PROPERTIES

Thermal stability of nitrogen compounds in metamorphic coals. L. A. Borozdina. Trudy IGI 17: 107-115 '62.

Thermal stability of nitrogen compounds of upland and bottom peats. L. A. Borozdina. Trudy IGI 17: 99-106 '62.

NITROGEN FERTILIZERS

Economic effectiveness of using liquid nitrogen fertilizers on sugar beets on collective farms of the Ukrainian S. S. R. A. S. Barova, Pyt. ekon. sil'. hosp. URSR no. 4: 141-145 '61.

New types of nitrogen fertilizers. S. N. Ganz. Zemledelie 24 no. 9: 39-40 S '62.

Theoretical basis of the use of nitrogen fertilizers [with summary in English]. Z. I. Zhubitskii Izv. AN SSSR Ser. biol. no. 5: 660-667 S-O '62.

NITROGEN METABOLISM

Biochemistry of autotrophic nitrogen assimilation in plants [with summary in English]. V. L. Kretovich Izv. AN SSSR, Ser. biol. no. 5: 660-684 S-O '62.

Change in the nitrogen and free amino acid content of corn plants at different pH of the medium. S. S. Andreenko, N. D. Alekhina. Nauch. dokl. vyss. shkoly, biol. nauki no. 4: 129-136 '62.

NITROGEN OXIDE

Structure of $UO_2(NO_3)_2 \cdot 2NO_2$. V. M. Vdovenko, D. N. Suglobov, G. A. Romanov. Dokl. AN SSSR 146 no. 3: 1078-1080 O '62.

NITROGEN METABOLISM

Some characteristics of the nitrogen metabolism of saprogenic anaerobes. V. L. Kondrat'eva, V. N. Shvedova. Trudy Len. Khim.-farm. inst. no. 13 77-88 '61.

NITRON

Complex formation in the system cobalt ion - nitron - thiocyanate Composition and absorption spectra of the nitron-thiocyanate complex of cobalt in dichloroethane V. N. Tolmachev, A. S. Babenko Ukr. khim. zhur. 28 no. 5: 550-555 '62

NITROSO COMPOUNDS

New interesting cases of the formation of nitroso compounds. I. L. Knunyants and others. Dokl. AN SSSR 146 no. 5: 1088-1091 O '62.

NIZHNIY TAGIL—APARTMENT HOUSES

Urgent problems. E. Khalkin Zhil.-kom. khoz. 12 no. 5 15 My '62.

NIZHNIY TAGIL—CORRESPONDENCE SCHOOLS AND COURSES

What a questionnaire showed. L. A. Senina. Sred. spets. obr. 9 no. 9: 47-49 S '62.

NIZHNIY TAGIL—METALLURGICAL RESEARCH

Research at the Nizhniy Tagil Metallurgical Plant G. M. Kompaniets, I. A. Shmonin. Stal' 22 no. 10: 891, 910, 937-938, 963 O '62.

NIZHNYAYA TUNGUSKA see Lower Tunguska Valley

NOISE

Statistical properties of the sinusoidal signal and Poisson noise envelopes. I. S. Vsekhsviatskaia. Geomag. i aer. 2 no. 4: 712-719 Jl-Ag '62.

NOISE CONTROL

Noise is our enemy. A. M. Margolis and others. Zdorov'e 8 no. 10: 22-24 O '62.

NOMADS

Forms of stockbreeding and the nomads. S. I. Rudenko. Mat. po Otd. etn. Geog. ob-va SSSR no. 1: 2-15 '61.

NOMOGRAPHY (MATHEMATICS)

Gavra, D. L. [Fundamentals of nomography with examples in mechanical engineering] Osnovy nomografii s primerami iz mashinostroeniia. Izd. 2. Moskva, Mashgiz, 1962. 162 p.

Khovanskii, G. S. [Nomograms for linear interpolation] Nomogrammy dlia lineinoi interpolatsii. Moskva, Vychislitel'nyi tsentr AN SSSR, 1962. 14 p. 10 graphs.

NOMOGRAPHY (MATHEMATICS)

Nomograms for selecting feeds and cutting speeds considering the finish of machining and the intensity of dimensional wear of cutting tools. A. D. Makarov. Mashinostroitel' no. 10 26-27 O '62.

NONFERROUS ALLOYS—ANALYSIS

Effect of alloy composition and the rate of cooling on the distribution of shrinkage cavities in castings. R. A. Bakhtiarov, A. M. Kats. Izv. AN SSSR Otd. tekh. nauk, Met. i topl. no. 5:102-109 S-O '62.

NONFERROUS METAL INDUSTRIES

On the eve of the 45th anniversary of the Great October Socialist Revolution. TSvet. met. 35 no. 10 1-3 O '62.

Use of electron computer techniques for technical and economic calculations in nonferrous metallurgy. A. Kh. Benuni, S. Kh. Elbusinov, M. G. Zhuk. TSvet. met. 35 no. 10 4-8 O '62.

NONFERROUS METAL INDUSTRIES—COSTS

Expenditures for and prices of rare elements produced by nonferrous metal plants. V. N. Lekein, A. G. Tokareva. TSvet. met. 35 no. 10 42-50 O '62.

NONFERROUS METALS

(see also subdivision under Transbaikalia)

Shashurin, S. L. [Secondary mining of nonferrous and rare metal deposits] Povtornaia razrabotka mestorozhdenii tsvetnykh i redkikh metallov. Moskva, Gosgortekhizdat, 1962. 237 p.

We should economize electric power and nonferrous metals. Blok. agit. [Gruz.] no. 1 41-44 Ja '60.

NONFERROUS METALS—BIBLIOGRAPHY see Bibliography—Nonferrous metals

NONFERROUS METALS—COSTS

Determination of production costs in the complex utilization of raw materials. S. IA. Rachkovskii. Izv. vys. ucheb. zav., tsvet. met. 5 no. 5:161-164 '62.

NONFERROUS METALS—METALLURGY

Coalescence of finely dispersed matte particles in silicate melts. A. V. Vanukov, V. IA. Zaitsev. Izv. vys. ucheb. zav., tsvet. met. 5 no. 5 39-47 '62.

Investigating the process of obtaining a nickel-cobalt sulfide concentrate out of solutions for the leaching of oxidized ores. V. I. Rybnikov, V. I. Smirnov. Izv. vys. ucheb. zav., tsvet. met. 5 no. 5:79-85 '62

Rudnitskii, M. L., and V. A. Sudnab. [Guide for workers occupied in the dressing and recovery of nonferrous metals and diamonds] Pamiatka dlia rabochikh, zaniatykh na obogashchenii i izvlechenii tsvetnykh metallov i almazov. Moskva, Gosgortekhizdat, 1962. 154 p. (Organizatsiia i oplata truda)

Use of mazut in the fuming process. V. V. Kostelov, L. N. Grinevich. TSvet. met. 35 no. 10;39-42 O '62.

NONFERROUS METALS—THERMAL PROPERTIES

Simultaneous solubility of calcium and antimony in molten lead at 400°. P. I. Fedorov, V. I. Shachnev. Izv. vys. ucheb. zav., tsvet. met. 5 no. 5 86-88 '62.

NONWOVEN FABRICS

Multilayer nonwoven fabrics. M. Z. Kumaritashvili and others. Izv. vys. ucheb. zav. tekh. tekst. prom no 4: 73-75 '62.

NORIL'SK REGION—BORING

Efficiency of using larger boreholes in "Yuzhnyy" Mine S. N. Zver'kov. Gor. zhur. no 10 39-40 O '62

NORIL'SK REGION—FROZEN GROUND

Features of the heat conditions of mines in the permafrost zone. IU. D. Diad'kin. Izv. vys. ucheb. zav., gor. zhur. 5 no. 6:82-88 '62

NORIL'SK REGION—WHITEFISHES

Observations on the descent of whitefish (Coregoninae) larvae in the small rivers of the Noril'sk lake and river system. A. A. Lobovikova. Vop. ikht. 2 no. 3:642-466 '62.

NORTH ATLANTIC TREATY ORGANIZATION

Israel and the imperialist block. Mezhdunar. zhizn' 9 no. 11:141-142 N '62.

Pack of wolves. V. Kovrov. Sov. voin 44 no. 20:44-45 O '62.

NORTH KAZAKHSTAN PROVINCE—STATISTICS

Severo-Kazakhstanskaia oblast'. [Economy of North Kazakhstan Province; collected statistics] Narodnoe khoziaistvo Severo-Kazakhstanskoi oblasti; statisticheskii sbornik. Petropavlovsk, 1962. 206 p.

NORTH KOREA see Korea, North

NORTH OSSETIA see Ossetia, North

NORTHERN BAIKAL HIGHLAND—SYENITE

Composite intrusion of syenites in the Synnyr massif of the Northern Baikal alkali province [with summary in English]. A. IA. Zhidkov. Geol. i geofiz. no. 9:29-40 '62.

NORTHERN CAUCASUS see Caucasus, Northern

NORTHERN HEMISPHERE—ATMOSPHERE

Special features of the perennial regime of atmospheric circulation in the Northern Hemisphere. IU. V. Spiridonova. Izv. AN SSSR, Ser. geog. no. 5:14-21 S-O '62.

NORWAY—WORLD WAR, 1939-1945—UNDERGROUND LITERATURE

"Underground newspapers, the free Norwegian underground publications during the German occupation" [in Norwegian] by H. Luihn. Reviewed by N. E. Frenkel'. Nov. i noveish. ist. no. 1:175 '62.

NORWEGIAN SEA—COPEPODA

Average weight of Copepoda in the Central and North Atlantic, Norwegian and Greenland seas. L. P. Kanaeva. Trudy VNIRO 46:253-266 '62.

NORWEGIAN SEA—DEEP-SEA DEPOSITS

Organic matter in the sediments of the Norwegian Sea and conditions governing its accumulation. T. I. Gorshkova. Trudy VNIRO 46,38-57 '62.

NORWEGIAN SEA—OCEANOGRAPHY

Oceanographic studies in the Norwegian Sea in accordance with the plans of the IGY-IGC. G. N. Zaitsev. Trudy VNIRO 46 5-13 '62.

NORWEGIAN SEA—ORGANIC MATTER

Organic matter in the sediments of the Norwegian Sea and conditions governing its accumulation. T. I. Gorshkova. Trudy VNIRO 46:38-57 '62.

NORWEGIAN SEA—WATER—COMPOSITION

Conditions governing the formation of the hydrochemical conditions and primary productivity in the Norwegian and Greenland Seas. M. V. Fedosov, I. A. Ermachenko. Trudy VNIRO 46:18-36 '62.

NOTARIES

From the practice of notarial agencies. Sov. just. no. 20;31 O '62.

Regional conferences of the personnel of notarial agencies. A. Stepanova. Sov. just. no. 20, 26 O '62.

NOVAYA ZEMLYA—DISCOVERY AND EXPLORATION

"To the land of taiga pathfinders" by Z. L. Diebarov and "On the glaciers of Novaya Zemlya" by E. M. Zinger. Reviewed by A. I. Alekseev. Priroda 51 no. 10, 122-123 O '62.

NOVGOROD PROVINCE—RAILROADS—EMPLOYEES

Communists are at the forefront. B. Nikitin. Part. zhizn' no 21 50-53 N '62.

NOVIKOV-PRIBOI, ALEKSEI SILYCH, 1877-1944

Unpublished stories of A. S. Novikov-Priboi. Leonid Karlov. Sov. Ukr. no. 9 141-148 S '62.

NOVO-TITAROVSKAYA—BUILDING RESEARCH

In the Krasnodar Branch of the Rural Construction Research Institute of the State Committee on Construction of the R. S. F. S. R. Biul. stroi. tekh. 19 no. 9:44-45 S '62.

NOVOCAINE

Connection of resorptive action with local anesthetic activity in a series of acylated derivatives of novocaine. V. M. Vinogradova. Trudy Len. khim.-farm. inst no. 13;193-196 '61.

Effect of some analgesic substances and novocaine on reflexes from the heart [with summary in English]. M. IU. Ladinskaia. Uch. zap. Inst. farm. i khimiotet. AMN SSSR 2,105-113 '60.

Morphological changes in the myocardium in dogs with an experimentally induced infarct treated with novocaine. A. F. Ryzhova. Trudy Len. khim.-farm. inst. no. 13; 203-209 '61.

Treatment of snake bites. A. T. Berdyeva. Priroda 51 no. 10:62 O '62.

NOVOCHERKASSK—METALLURGICAL RESEARCH

Important unexploited potentials of Soviet metallurgy. I. Goncharov, IU. Dorofeev. Part. zhizn' no. 22;37-40 N '62.

NOVOGRAD-VOLYNSK DISTRICT—HOLIDAYS

The praise of work. Agitator no. 22;53 N '62.

NOVOKUGNETSK

Stalinsk. [Kemerovo] Kemerovskoe knizhnoe izd-vo, 1958. 90 p. illus. (Goroda Kuzbassa) (CaOTU)

NOVOKUZNETSK—IRON AND STEEL PLANTS—TECHNOLOGICAL INNOVATIONS

Creative activity of Kuznetsk metalworkers is growing. N. Petunkina, IU. Zhilina. Metallurg 7 no. 11;36-37 N '62.

NOVOMOSCOVSK DISTRICT—POPLAR

Effect of sodium carbonate salinization of floodland soils on the growth of poplar plantations. R. S. Lavryshcheva. Vestnik sil'khoz. nauky 5 no. 9;108-109 S '62.

NOVOROSSYISK—BAPTISM

How Nikolai Pogrebniak "approached God." A. Kulik. Nauka i rel. 4 no. 11;64-65 N '62.

NOVOSEL'TSY (ZVENIGORODKA DISTRICT, CHERKASSY PROVINCE)—KAOLIN

White flowers of the earth. I. Padalka. Znan. ta pratsia no 10 16 O '62.

NOVOSIBIRSK—EVENING AND CONTINUATION SCHOOLS

Let's pay special attention to the improvement of qualifications. E. Kuznetsova, Prof.-tekh. obr. 19 no. 9; 27 S '62.

NOVOSIBIRSK—ROLLING MILLS—LABOR PRODUCTIVITY

Potentialities for increased labor productivity. I. Genkin. Metallurg 7 no 11 17-19 N '62.

NOVOSIBIRSK—STEEL INDUSTRY—LABOR PRODUCTIVITY

A volunteer labor organization office at the Novosibirsk Metallurgical Plant. I. Genkin. Sots. trud 7 no. 8 123-126 Ag '62

NOVOSIBIRSK—THEATER

The events in Dalskalsky. G. Ul'ianov. Nauka i rel. 4 no. 11 90-92 N '62.

NOVOSIBIRSK PROVINCE—ACCOUNTING

Our practice. A. Dondo. Bukhg. uchet 19 no. 6 15-18 Je '62

NOVOSIBIRSK PROVINCE—MOTION-PICTURE THEATERS—FIRES AND FIRE PREVENTION

A region covered with a wide motion-picture theater net. A. Abramov. Pozh. delo 8 no 10;6 O '62

NOVOVOLYNSK—COMMUNIST PARTY OF THE SOVIET UNION

Secretary of our city party committee violates the rights of the Communists. A. Makarov and others. Part. zhizn' no. 22 59-60 N '62.

NOYEMBERYAN DISTRICT—FIG—VARIETIES

Promising fig varieties for Noyemberyan District, Armenian S. S. R. [in Armenian with summary in Russian]. G. G. Mkrtchian. Izv. Glav. upr. sel'khoz. nauk i podgot. kad. Arm. SSR 5 no 7 55-60 '62

NUCLEAR FISSION

On the existence of two types of nuclear fission [with summary in English]. IU. A. Selitskii, V. P. Lemeshko. Zhur. eksp. i teor. fiz. 43 no. 3;1005-1008 '62.

Polikanov, S. M., and others. [Formation of nuclei with anomalous periods of spontaneous fission in reactions with heavy ions] Obrazovanie iader s anomal'nymi periodom spontannogo deleniia v reaktsiiakh s tiazhelymi ionami. Dubna, Ob"edinennyi in-t iadernykh issl., 1962. 6 p.

Probability of triple fission of U^{235} nuclei by thermal neutrons [with summary in English]. A. A. Pomerantsev. Zhur. eksp. i teor. fiz. 43 no. 3;847-851 '62

NUCLEAR FORCES

Hyperfine structure of electron paramagnetic resonance spectra of an electron delocalized in a system of equivalent potential wells. IU. I. Naberukhin, A. I. Burshtein. Fiz. tver. tela 4 no. 4 956-962 Ap '62.

NUCLEAR FUELS

Zaimovskii, A. S., V. V. Kalashnikov, and I. S. Golovnin. [Fuel elements of atomic reactors] Teplovydeliaiushchie elementy atomnykh reaktorov. Moskva, Gosatomizdat, 1962. 369 p.

[MICROFILM]

NUCLEAR MAGNETIC RESONANCE AND RELAXATION

Effect of impurities on the anisotropy of the width of the resonance line in ferrites. Mem. Stankevichskoi, V. I. Starobinets, A. G. Gurevich. Fiz. tver. tela 4 no. 5; 1060-1062 Ap '62.

Nuclear magnetic resonance in some hydroaluminates and in calcium hydroxide. V. I. Kvlividze, I. N. Rukhadze. Dokl. AN SSSR 146 no. 6:1322-1325 O '62.

NUCLEAR OPTICAL MODELS

Optical potential of heavy nuclei [with summary in English]. M. IA. Amusia. Zhur. eksp. i teor. fiz. 43 no 3 942-952 '62.

Vertex parts of the amplitudes of direct nuclear processes [with summary in English]. I. S. Shapiro. Zhur. eksp. i teor. fiz. 43 no. 3;1068-1082 '62.

NUCLEAR PHOTOGRAPHY see Photography, Particle track

NUCLEAR PHYSICS—CONGRESSES

International Conference of High-Energy Physics, 9th, Kiev, 1959. [Ninth International Conference on High Physics, Kiev, July 15-25, 1959] Deviatata Mezhdunarodnaia konferentsiia po fizike vysokikh energii, Kiev 15-25 iiulia 1959 g. Moskva, 1961. 730 p (MII)

NUCLEAR REACTIONS

Anomalous thresholds and interaction in the finite state [with summary in English]. V. V. Anisovich and others. Zhur. eksp. i teor. fiz. 43 no. 3;906-908 '62.

Blokhintsova, T. D., and others. [Interaction between π^+-mesons and hydrogen at an energy of 340 Mev.] Vzaimodeistvie π^+-mezonov s vodorodom pri energii 340 Mev. Dubna, Ob"edinennyi in-t iadernykh issl., 1962. 27 p.

Coulomb excitation of a Λ-particle. D. V. Volkov. Zhur. eksp. i teor. fiz. 43 no. 3;1112-1113 '62.

Decay reactions of carbon and oxygen nuclei induced by 15-29 Mev. protons [with summary in English]. S. S. Vasil'ev, V. V. Komarov, A. M. Popova. Zhur. eksp. i teor. fiz. 43 no. 3;737-748 '62.

Perfilov, N. A., O. V. Lozhkin, and V. I. Ostroumov. [Nuclear reactions caused by high-energy particles] Iadernye reaktsii pod deistviem chastits vysokikh energii. Moskva, Izd-vo Akad. nauk SSSR, 1962 250 p.

NUCLEAR REACTIONS (Continued)

Polikanov, S. M., and others. [Formation of nuclei with anomalous periods of spontaneous fission in reactions with heavy ions] Obrazovanie iader s anomal'nym periodom spontannogo deleniia v reaktsiiakh s tiazhelymi ionami. Dubna, Ob"edinennyi in-t iadernykh issl., 1962. 6 p.

A process opposite to the $\pi \rightarrow \mu + \nu$ decay in a Coulomb nuclear field. IU. P. Nikitin, E. P. Shabalin. Zhur. eksp. i teor. fiz., 43 no. 3, 1119-1120 '62.

Rare case of high-energy nuclear interaction with isotropic angular distribution of the secondary particles [with summary in English]. K. I. Alekseeva and others. Zhur. eksp. i teor. fiz. 43 no. 3 783-789 '62.

Stripping reaction on nickel isotopes [with summary in English]. M. V. Pasechnik, P. G. Ivanitskii. Zhur. eksp. i teor. fiz. 43 no. 3 777-782 '62.

The Tomonaga-Schwinger equation in Bogoliubov's method [with summary in English]. A. D. Sukhanov. Zhur. eksp. i teor. fiz. 43 no. 3 932-941 '62.

Transfer reactions of 2n and 3n by bombardment of Al, Cu, and Ta with N^{15} and N^{14} ions [with summary in English]. V. V. Volkov and others. Zhur. eksp. i teor. fiz. 43 no. 3 865-872 '62.

Vertex parts of the amplitudes of direct nuclear processes [with summary in English]. I. S. Shapiro. Zhur. eksp. i teor. fiz. 43 no. 3, 1068-1082 '62.

NUCLEAR REACTIONS—MODELS

A model of universal weak interaction [with summary in English]. E. M. Lipmanov. Zhur. eksp. i teor. fiz. 43 no. 3, 893-899 '62.

NUCLEAR REACTORS

Maslenchuk, G. I., ed. [Theory and methods of designing nuclear reactors] Teoriia i metody rascheta iadernykh reaktorov, sbornik statei. Moskva, Gosatomizdat, 1962. 258 p.

NUCLEAR REACTORS—FUEL see Nuclear fuels

NUCLEAR REACTORS—MATERIALS

Battelle Memorial Institute, Columbus, Ohio. [Metallography of reactor materials. Translated from the English] Metallovedenie reaktornykh materialov; obzory. Moskva, Gosatomizdat, [From 'Reactor Core Materials", a quarterly...]

Book 3. [Moderator, reflector, and control device materials] Materialy zamedlitelia, otrazhatelia i regulirulushchikh ustroistv. Pod red. D. M. Skorova. 1962. 113 p.

NUCLEAR ROCKETS see subdivision under Great Britain

NUCLEAR SPIN

Bilen'kii, S. M., and R. M. Ryndin. [Determining the spin of K^+] Ob opredelenii spina K^+. Dubna, Ob"edinennyi in-t iadernykh issl., 1962. 4 p.

Degeneration with respect to isotopic spin, and the hypercharge. A. M. Baldin, A. A. Komar. Dokl. AN SSSR 146 no. 3:574-576 S '62.

Thermodynamic properties of the spin system of copper potassium and chromium potassium sulfates. K. P. Sitnikov. Fiz. tver. tela 4 no. 1, 861-865 Ap '62.

NUCLEAR SPIN—MODELS

Theory of a linear antiferromagnetic chain [with summary in English]. I. N. Bulaevskii. Zhur. eksp. i teor. fiz. 43 no. 3 968-973 '62.

NUCLEI, ATOMIC

Microscopic description of collective levels of non-spherical nuclei [with summary in English]. D. F. Zaretskii, M. G. Urin. Zhur. eksp. i teor. fiz. 43 no. 3:1021-1030 '62.

NUCLEI, ATOMIC—DECAY

Emission of delayed protons in positron decay of neutron-deficient nuclei. V. I. Gol'danskii. Dokl. AN SSSR 146 no. 6:1309-1311 O '62.

NUCLEIC ACIDS

Effect produced by gonadotropin on the state of DNA in the thymus of sexually immature rats. A. A. Beketova, A. M. Kuzin. Dokl. AN SSSR 146 no. 5:1201-1203 O '62.

Nucleic acids and the problem of protein biosynthesis. A. N. Belozerskii. Vest. AN SSSR 32 no. 10:26-35 O '62.

Problem of the exceptional genetic role of deoxyribonucleic acid. N. I. Grigin'son. Agrobiologiia no. 3 454-472 My-Je '62.

Relation between RNA and proteins of cellular structures. R. R. Akhmetov, V. G. Konarev. Dokl. AN SSSR 146 no. 5:1220-1222 O '62.

NUCLEONS

Near-threshold singularities in exchange pion-nucleon scattering [with summary in English]. L. I. Lapidus. Zhur. eksp. i teor. fiz. 43 no. 3:1053-1056 '62.

Spin-orbital interaction between two nucleons. IU. G. Pavlenko. Vest. Mosk. un. Ser. 3: Fiz., astr. 17 no. 5: 30-34 S-O '62.

NUCLEONS—SCATTERING

Logunov, A. A., and others. [Dispersion relations and analytic properties of partial amplitudes in the perturbation theory] Dispersionnye sootnoshenia i analiticheskie svoistva partsial'nykh amplitud v teorii vozmushchenii. Dubna, Ob"edinennyi in-t iadernykh issl., 1962. 31 p.

NUCLEUS (CELLS) see Cell nuclei

NUMBERS, COMPLEX

Number of classes of fields in complex multiplication. A. P. Novikov. Izv. AN SSSR Ser. mat. 26 no. 5:675-686 S-O '62.

NUMBERS, PRIME

More accurate evaluation of the remainder term in Hardy-Littlewood problems [with summary in English]. B. M. Bredikhin. Vest. LGU 17 no. 19:133-137 '62.

NUMBERS, THEORY OF

On a property of Pythagorean numbers. V. D. Podsypanin. Izv. vys. ucheb. zav., mat. no. 4:130-133 '62.

NUMMULITIDAE, FOSSIL see subdivision under Armenia

NUREK HYDROELECTRIC POWER STATION

Vakhsh became famous. Mikhail Dudenkov. Sov. voin 44 no. 20, 28-30 O '62.

NUREMBERG TRIAL OF MAJOR GERMAN WAR CRIMINALS, 1945-1946

"From Munich to Nuremberg" by A. I. Pollorak. Reviewed by L. Evgen'ev. Voen.-ist. zhur. 4 no. 10:101-105 O '62.

NURSERY STOCK

Dzhanaeva, V. M. [Gathering juniper berries and growing juniper seedlings in irrigated nurseries of Kirgizistan; temporary recommendations] Sbor shishkoiagod i vyrashchivanie sejantsev archi v polivnykh pitomnikakh Kirgizii; vremennye rekomendatsii Frunze, Izd-vo Akad. nauk Kirgizskoi SSR, 1962. 20 p. (DNAL)

NYLON

Capron for molding. A. M. Kogan and others. Mashinostroitel' no. 10:31-32 O '62.

Interferometric determination of water-soluble low molecular fractions in capron. R. V. Vottekhovskii, T. K. Zasimchuk. Zav. lab. 28 no. 10 1206-1207 '62.

"Machine parts made of capron" by R. N. Podshivalov, N. I. Suslov. Reviewed by V. Voitovich. Mashinostroitel' no. 10, 17 O '62.

Sorption of water vapor by hydrophilic high polymers. Part 6. Isotherms of sorption and of heat of wetting of polycaprolactam. E. F. Nekrasov, Z. A. Samchenko. Ukr. khim. zhur. 28 no. 5 614-621 '62.

Sorption of water vapors by hydrophilic high polymers. Part 9. Investigation of the structural changes of polycaprolactam based on sorption and thermochemical data. E. F. Nekrasov, Z. A. Samchenko. Ukr. khim. zhur. 28 no. 6 703-706 '62.

NYLON—TOXICOLOGY

Dermatitis and eczema caused by capron and nylon. P. M. Leonenko. Zdrav. Bel. 8 no. 5:41-42 My '62.

NYMPHAEUM—HISTORY

Khudiak, M. M. [History of Nymphaeum from the sixth to the third century B. C.] Iz istorii Nimfeia VI-VIII vekov do n.e. Leningrad, Izd-vo Gos. Ermitazha, 1962. 63 p. illus.

NYVOCHYK—CHILDREN—RELIGIOUS LIFE

Happiness is here, on earth! Bohdan Voronych. Voiov. ateist. no. 10 24-26 O '62.

OAK see subdivision under Talysh Mountains; Ukraine; Yergeni Hills

OAK—DISEASES AND PESTS see subdivision under Moldavia

OATHS

You must strictly and unwaveringly observe the promises of your military oath. V. Cherednichenko. Komm. Voroniezh. Sil 3 no. 20:75-79 O '62.

OB' VALLEY—DIATOMS, FOSSIL

New and rare diatoms from Paleogene sediments of the Ob'-Purinterfluve. N. I. Strelnikova. Bot. mat. Otd. spor. rast. 15:38-41 Ja '62.

OB' VALLEY—INLAND WATER TRANSPORTATION

Ways of developing the Ob'-Irtysh Basin. N. Ivanov. Rech. transp. 21 no. 10:10-11 O '62.

OBSERVATORIES see subdivision under Mongolia

OBSTETRICS

Shock in obstetrical practice. I. I. Feigel'. Sov. med. 26 no. 8:84-87 Ag '62.

OCCULT SCIENCES

Essay on mimicry. Vladimir Orlov. Nauka i zhizn' 29 no. 6:75-80 Je '62.

OCCUPATIONS

Methods for the development of the occupational division of labor. K. Varshavskaia. Sots. trud 7 no. 8:11-21 Ag '62.

OCCUPATIONS, DANGEROUS—SAFETY APPLIANCES

Druzhinin, B. M. [Protective clothing, protective footgear and safety appliances, safety measures] Spetsodezhda, spetsobuv i predokhranitel'nye prisposobleniia, zashchitnye sredstva. Pod obshchei red. N. A. Smirnova. Leningrad, 1962. 27 p. (Leningradskii dom nauchno-tekhnicheskii propagandy. Biblioteka stroitelia po tekhnike bezopasnosti, no. 13)

OCEAN CURRENTS see subdivision under Antarctic Ocean, Arctic regions

OCEAN TEMPERATURE see subdivision under Atlantic Ocean

OCEANIA—POLITICS

"The Australasian Monroe Doctrine" [in English] by Merze Tate. Reviewed by P. E. Osipova. Vop. ist. no. 10:194-196 O '62.

OCEANOGRAPHIC INSTRUMENTS

Design and testing of containers for geophysical investigations at great depths of the ocean. A. A. Semenchan, D. B. Balashov. Dokl. AN SSSR 146 no. 3 589-595 S '62.

OCEANOGRAPHIC RESEARCH

(see subdivision under Atlantic Ocean)

Treasures of the seventh continent. I. A. Zenkevich. Ogonek 40 no. 11 23 O '62.

OCEANOGRAPHY see subdivision under Arctic regions, Bering Sea, Denmark Strait, Faeroe Islands region, Iceland region, Norwegian Sea, Pacific Ocean

OCTENE

Using oxidation-reduction systems for the initiation of the reaction of 1-octene with carbon tetrachloride. R. Kh. Freidlina, L. Ps. Chukovskaia. Otd. khim. nauk no. 10 1784-1788 O '62.

ODESSA—CARGO HANDLING

Cargo transshipment by the direct alternate in the Odessa harbor. I. Golubets. Mor. flot 22 no. 10 6-8 O '62.

ODESSA—POLICE

From the editor's mail. Agitator no. 23:57-59 D '62.

ODESSA—RESTUARANTS, LUNCHROOMS, ETC.—EMPLOYEES

Cook Mashen'ka. M. Binov, P. Karas'. Obshchestv. pit. no. 7:49-50 Jl '62.

ODESSA—SOCIAL SCIENCES—STUDY AND TEACHING

Municipal methods' association of social science teachers. B. I. Aptekar'. Sred. spets. obr. 8 no. 8 41-43 S '62.

ODESSA—SUGAR MANUFACTURE

Plant for the processing of unrefined cane sugar. E. A. Gusev. Sakh. prom. 36 no. 10:63 O '62.

ODESSA—TELEVISION BROADCASTING

Great perspectives. A. Donatov. Sov. rad. i tel. 6 no. 4, 27-28 '57.

ODESSA PROVINCE—ACCOUNTING

Our tasks. A. Zentsov. Bukhg. uchet 18 no. 6 23-24 Je '62.

ODESSA PROVINCE—COLLECTIVE FARMS—FINANCE

Regularize capital investments on collective farms. I. A. Nikiforov. Uchet i fin. v kolkhoz. i sovkhoz. 18 no. 9, 35-37 S '62.

ODESSA PROVINCE—GEOGRAPHY

Drozdov, O. M. and V. V. Petrenko. [Odessa Province; geographical sketch] Odes'ka oblast'; geograficheskyi narys. Kyiv, Radians'ka shkola, 1959. 97 p. (Oblasti Ukraina'koi RSR) (NNC)

ODESSA PROVINCE—MACHINE TOOLS

Machine tools manufactured in Odessa Economic Region. Mashinostroitel' no. 10 8-9 O '62.

ODESSA PROVINCE—SOIL CONSERVATION

Measures for soil erosion control in the south of the Ukraine. M. S. Zinenberg. Zemledelie 24 no. 9:49-53 S '62.

ODESSA REGION—LOCUST (TREE)

Specificity of the effect of soil salinity on the anatomical structure of wood of the false acacia (Robinia pseudoacacia L.). V. G. Nikolaevskii. Nauch. dokl. vys. shkoly, biol. nauki no. 4:113-117 '62.

OFFENSES AGAINST SOCIALIST PROPERTY

Supervising the observance of laws on the protection of collective and state farm property. F. Polozkov. Sots. zakon. 39 no. 11:19-22 N '62.

Supervising the observance of laws on the protection of harvested farm produce. V. Tkachenko. Sots. zakon. 39 no. 11 68-69 N '62.

We should ensure full compensation for loss caused to socialist property by embezzlement and pilfering. F. Nikitinskii, A. Safronov, Z. Erzhenov. Sots. zakon. 39 no. 11:65-67 N '62.

OFFICE EQUIPMENT AND SUPPLIES—ABSTRACTS

[Precision instruments and testing equipment] Ref. zhur. Otd. vyp. 40; Prib. tech. mekh. i isp. ust. nos. 21-22 N '62.

OIL FIELD BRINES—ANALYSIS

(see also subdivision under Volga Valley)

Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut gidrogeologii i inzhenernoi geologii. [Organic matter and microflora of underground waters and their significance in the processes of oil and gas formation] Organicheskie veshchestva i mikroflora podzemnykh vod, i ikh znachenie v protsessakh neftegazoobrazovaniia. [By] M. E. Al'tovskii i dr. Moskva, Gostoptekhizdat, 1962. 293 p.

OIL FIELDS—ELECTRIC EQUIPMENT

Kulizade, K.N. [Efficient use of electric power in oil fields] Ratsional'noe ispol'zovanie elektricheskoi energii na neftianykh promyslakh. Baku, Azerneshr, 1962. 182 p.

OIL FIELDS—PRODUCTION METHODS

Means of automation used in recovering oil and gas. B.N. Bobrovnikov. Biul. tekh.-ekon. inform. Gos. nauch.-issl. inst. nauch. i tekh. inform. no. 10 17-21 '62.

OIL HYDRAULIC MACHINERY

Calculating the pressure of the compensation of leaks of the hydraulic torque converter circulation cycle P.M. Sharoiko. Trudy KHIIT no. 51 88-92 '61

Overriding clutch of the guide system of the hydraulic torque converter and its design for strength and stiffness. P.M. Sharoiko. Trudy KHIIT no. 51 77-87 '61.

OIL INDUSTRIES—EQUIPMENT AND SUPPLIES

Tilov, A.V. [Overall mechanization in oil extraction plants] Kompleksnaia mekhanizatsiia na maslodobyvaiushchikh zavodakh. Moskva, Pishchepromizdat, 1962. 175 p.

OIL RESERVOIR ENGINEERING

Permiakov, I.G., M.M. Sattarov, and I.B. Genkin. [Methodology of analyzing the development of oil fields] Metodika analiza razrabotki neftianykh mestorozhdenii. Moskva, Gostoptekhizdat, 1962. 358 p.

OIL SANDS—PERMEABILITY

Change in the specific electric resistance of water-saturated rocks when subject to rock and formation pressures. I.F. Glumov, V.M. Dobrynin. Prikl. geofiz. no. 33:190-205 '62.

Combustion frontas a factor in the determination of the permeability of oil sands. T.M. Alikishibekova. Trudy ININ AN Azerb. SSR 15:40-45 '62.

Determination of the wettability characteristic of rocks. G.I. Skoblikova, A.S. Vinokurova. Prikl. geofiz. no. 33: 176-189 '62.

Methodology of determining the permeability of oil-bearing formations from electric logging data. L.G. Petrosian and others. Prikl. geofiz. no. 33:169-175 '62.

OIL SHALES

Thermal decomposition of oil shales in the presence of water under pressure. G.E. Fridman, I.M. Peresleni. Trudy IGI 17:60-75 '62.

OIL WELL DRILLING

Saakov, M.A. [Experience of innovators in rapid drilling of wells] Opyt novatorov skorostnogo bureniia skvazhin. Moskva, Gostoptekhizdat, 1962. 121 p.

Timofeev, N.S., and V.O. Belorussov. [Drilling vertical wells under geological conditions facilitating well curvature] Burenie vertikal'nykh skvazhin v geologicheskikh usloviiakh, sposobstvuiushchikh iskrivleniiu skvazhin. Moskva, Gostoptekhizdat, 1962. 124 p.

OIL WELL DRILLING—SAFETY MEASURES

[Preventing and controlling accidents in drilling. Translated from the Rumanian] Preduprezhdenie i bor'ba s avariiami v burenii. Pod red. I.v obrabotke M.A. Geimana. Moskva, Gostoptekhizdat, 1962. 234 p.

OIL WELL DRILLING RIGS—ELECTRIC DRIVING

Series of control stations for regulating the electric drives of oil well drilling rigs. G.M. Pogosov. Vest. elektroprom. 33 no. 8:53-56 S '62.

OIL WELL LOGGING, ELECTRIC

(see also subdivision under Tatar A.S.S.R.)

Electrothermal action on oil-bearing layers. M.A. Bagirov and others. Trudy ENIN AN Azerb. SSR 15: 53-57 '62.

Methodology of determining the permeability of oil-bearing formations from electric logging data. L.G. Petrosian and others. Prikl. geofiz. no. 33:169-175 '62.

OILS AND FATS

Investigation of the stability of fat bases in pharmacy. R.S. Gershentsvit. Trudy Len. khim.-farm. inst. no. 13:259-263 '61.

Story of an oil film. Evgenii Orlov. Nauka i zhizn' 29 no. 8:110-111 Je '62.

Use of X-ray and structural analysis for studying fat bases in pharmacy. R.S. Gershentsvit, E.IU. Fal'k. Trudy Len. khim.-farm. inst. no. 13:264-267 '61.

OILS AND FATS—ANALYSIS

Changes occuring in the acid number of the oil of sunflower seeds in storage. M.I. Igol'chenko, V.M. Kopeikovskii. Izv. vys. ucheb. zav., pishch. tekh. no. 5:25-28 '62.

OKHOTSK REGION—ORE DEPOSITS

Okhotsk-Chukchi volcanic belt, its metal potential, and prospecting problems. B.N. Erofeev, S.F. Lugov. Sov. geol. 5 no. 10:3-15 O '62.

OKHTA REGION—PINE

Root accretion in pines planted in clusters in the forest zone. N.V. Podzorov. Les. khoz. 15 no. 6:54-56 Je '62.

OKINAWA ISLAND—POLITICS AND GOVERNMENT

For a free Okinawa. Mezhdunar. zhizn' 9 no. 11:156-158 N '62.

OLD AGE HOMES

(see also subdivision under Medyn')

What gives us pleasure and what makes us sad. I. Chernyshenko and others. Sot. obesp. 23 no. 10 30 O '62.

OLD-AGE PENSIONS

Answering our readers' questions. Sov. iust. no. 20: 30 O '62.

OLEFINS

Kiverin, M.D., and M.G. Smirnova. [Unsaturated hydrocarbons] Nepredel'nye uglevodorody. Arkhangel'sk, Arkhangel'skii gos. med. in-t, 1960. 21 p. [MICROFILM]

Preparation of C6 - C10 alkenes by the catalytic dehydrogenation of alkanes. N.I. Shuikin and others. Neftekhimiia 2 no. 1 157-166 Ja-Ag '62.

Preparation of higher normal α-olefins by the high-speed cracking of paraffin petroleum products. K.P. Lavrovskii and others. Neftekhimiia 2 no. 4 487-494 Ja-Ag '62.

Production of lower olefins, bivinyl, and aromatic hydrocarbons by the pyrolysis of gasoline fractions. T.N. Mukhina, G.F. Lesokhina, S.E. Ilsek. Neftekhimiia 2 no. 4 495-497 Ja-Ag '62.

Radiation-induced chemical telomerization of olefins. A.A. Beer and others. Neftekhimiia 2 no. 4 617-623 Ja-Ag '62.

Reaction of NH_3 with fluorinated olefins. L.L. Knuniants, L.G. Bykhovskaia. Zhur. VKHO 7 no. 5:585-586 '62.

OLEFINS—SPECTRA

Characteristic bands of some chloroalkanes and chloroalkenes. L.G. Zelenskaia, A.V. Iogansen, G.I. Rumantseva. Izv. AN SSSR. Ser. fiz. no. 10 1272-1275 O '62.

OLEKMA RIVER—GABBRO

Lebedev, A.P. [Gabbro-anorthosite pluton of the China Valley (Eastern Siberia)] Chineiskii gabbro-anortozitovyi pluton (Vostochnaia Sibir'). Moskva, Izd-vo Akad. nauk SSSR, 1962. 99 p. (Akademiia nauk SSSR. Institut geologii rudnykh mestorozhdenii, petrografii, mineralogii i geokhimii. Trudy, no. 80)

OLYMPIC GAMES

Sports and peace are indivisible. Ogonek 40 no. 25:26 Je '62.

OMSK—YEAST

For a high yield of yeast. V.P. Markov. Khleb. i kond. prom. 6 no. 10:41 O '62.

OMSK PROVINCE—ECONOMIC CONDITIONS

Il'in, N.V. [Omsk Economic Administrative District] Omskii ekonomicheskii administrativnyi raion. [Omsk] Omskoe oblastnoe knizhnoe izd-vo, 1957. 80 p. (NNC)

OMSK PROVINCE—FERTILIZERS AND MANURES

Kochergin, A.E., and A.M. Koval'chuk. [Fertilizing soils of the non-Chernozem zone] Udobrenie pochv nechernozemnoi zony. [Omsk] Omskoe knizhnoe izd-vo, 1960. 63 p. (DNAL)

OMSK PROVINCE—RADIO AUDIENCES

Group radio listening. A. Kanevskaia. Sov. rad. i tel. 6 no. 1:1-2 '57.

OMSK PROVINCE—STATE FARMS

A responsible position. P. Tselik. Komsom. zhizn' no. 12 16-17 Je '62.

ONCOLOGY—RESEARCH

Method for obtaining cellular suspensions of human and animal tumors. G.IA. Glozer, N.I. Vol'fson, G.IA. Kudriavtseva. Trudy Len. khim.-farm. inst. no. 13: 133-141 '61.

ONEGA RIVER—DESCRIPTION AND TRAVEL

Onega flows into the White Sea. G. Gunn. Vokrug sveta no. 9:38-41, 55 S '62.

ONIONS

Changes in the activity of some oxidizing enzymes during the growth of the onion (Allium cepa L.). G.G. Gabrielian. Izv. AN Arm. SSR. Biol. nauki 15 no. 7:33-42 '62.

ONIONS—VARIETIES see subdivision under Leningrad Province

ONTOGENY

Blood group antigens in ontogenesis [with summary in English]. P.N. Kosiakov, L.N. Muravieva. Biul. eksp. biol. i med. 53 no. 6:52-55 Je '62.

OOGENESIS

Binucleate oocytes in the oogenesis of macaques. IU.S. Bocharov. Biul. MOIP. Otd. biol. 67 no. 5:154-155 S-O '62.

OOLITE see subdivision under Turgay Gates

OPALS

Study of the crystalline texture of silica contained in opals and opal-bearing rocks. V.A. Zabelin. Zap. Vses. min. ob-va 91 no. 3:343-350 '62.

OPEN-CUT MINING see Strip mining

OPEN-HEARTH FURNACES

Investigating the operation of 400-ton open-hearth furnaces following redesign. F.D. Voronov and others. Stal' 22 no. 10 904-907 O '62.

Making a combined use of compressed air in a high-capacity open-hearth furnace. M.IA. Medzhibozhskii and others. Stal' 22 no. 10 894-900 O '62.

Overall automation of the thermal conditions of open-hearth furnaces. M.V. Shavelzon, M.D. Kuzin. Mont. i spets. rab. v stroi. 24 no. 10 12-14 O '62.

Temperature conditions of a 250-ton open-hearth furnace bath in the finishing period. V.S. Kocho, A.G. Streltchenko, I.G. Khavinson. Izv. vys. ucheb. zav., chern. met. 5 no. 9:81-91 '62.

OPEN-HEARTH FURNACES—EQUIPMENT AND SUPPLIES

Automatic weighing of the pig iron in open-hearth plant mixers. V.L. Shinkarenko, G.G. Brenko, L.M. Ivanchenko. Stal' 22 no. 10 956 O '62.

OPEN-HEARTH PROCESS—MODELS

Studying on models the processes of charging and melting of the charge in open-hearth furnaces. P.A. Iodko, B.V. Okhotskii. Izv. vys. ucheb. zav., chern. met. 5 no. 9:76-83 '62.

OPERA

(see also subdivision under Moscow, Sverdlovsk)

Ratskaia, TS.S. [Operatic forms, from the practice of the people's university of culture of the Moscow Sverdlovsk District] Operne formy, iz opyta raboty narodnogo universiteta kul'tury Sverdlovskogo raiona g. Moskvy. Moskva, Sovetskii kompozitor, 1962. 46 p. (V pomoshch slushateliam narodnykh universitetov kul'tury. Besedy o muzyke)

OPERATIONAL CALCULUS see Calculus, Operational

OPERATORS (MATHEMATICS)

Abstract functions of sets and the imbedding theorems. V.B. Korotkov. Dokl. AN SSSR 146 no. 3 531-534 S '62.

Asymptotic value of approximations of multiply differentiable functions by linear positive operators. R.G. Mamedov. Dokl. AN SSSR 146 no. 5:1013-1016 O '62.

Expansion in eigenfunctions of ordinary linear differential operators in a finite interval. A.P. Khromov. Dokl. AN SSSR 146 no. 6:1204-1207 O '62.

General boundary value problems for elliptic systems in a multidimensional region. M.S. Agranovich, A.S. Dynin. Dokl. AN SSSR 146 no. 3:511-514 S '62.

Integral operators in L_p spaces. E.I. Pustyl'nik. Dokl. AN SSSR 146 no. 6:1271-1274 O '62.

Integral representation of linear operators in Orlicz spaces. N. Dinculeanu. Dokl. AN SSSR 146 no. 6:1255-1258 O '62.

Lie's theorems for generalized displacive operators. B.M. Levitan. Trudy Mosk. mat. ob-va 11:123-137 '62.

Spectral theory of non-self-adjoint differential operators. B.S. Pavlov. Dokl. AN SSSR 146 no. 6:1267-1270 O '62.

Summability of series over the principal vectors of non-self-adjoint operators. V.B. Lidskii. Trudy Mosk. mat. ob-va 11:3-35 '62.

OPERATTA see subdivision under Moscow

OPTIC CHIASM

Multicomponent primary response in the optical cortex and chiasm of a rabbit. L.M. Mukhametov. Nauch. dokl. vys. shkoly, biol. nauki no. 1 71-73 '62.

OPTIC NERVE—DISEASES

"Fulminant" choked disk [with summary in English]. Jan Glowacki. Vrach. delo no. 10,102-104 O '62.

OPTICAL INSTRUMENTS

Casing for the protection of the scale of an optical dividing head. A.P. Emel'ianov. Izm. tekh. no. 10:12 O '62.

Filament field corrector for optical and electronic-optical instruments. P.V. Shcheglov. Sbornik GAISH no. 117:24-26 '61.

Improving the characteristics of an optical analyzer by the use of a dielectric photoeffect. S.M. Sutovskii. Izv. vys. ucheb. zav., tsvet. met. 5 no. 5:156-160 '62.

The MPS stereoscopic microprofilograph. V.I. Sarkin. Trudy Sem. po kach. poverkh. no. 5:245-247 '61.

Russia (1923- U.S.S.R.) Komitet standartov, mer i izmeritel'nykh priborov. [Checking optical-mechanical instruments for the measurement of lengths and angles] Poverka optiko-mekhanicheskikh priborov dlia izmereniia dlin i uglov, sbornik instruktsii. Izd. ofitsial'noe. Moskva, Standartgiz, 1961. 505 p. (SSSR. Gosudarstvennye standarty)

OPTICAL INSTRUMENTS—ABSTRACTS

[Photographic and motion-picture equipment and optical instruments] Ref. zhur. Otd. vyp. 46. Foto-kinoapp. i opt. prib. nos. 20-22 O-N '62.

OPTICS, PHYSICAL

Three mysteries of light. L. Pekar. Znan ia pratsia no. 10.22-23 O '62

ORATORS, GREEK

Greek orators of the fourth century B.C.; Hypereides, Lycurgus, Dinarchus, and Aeschines (to be continued). Translated from the Greek. Vest.drev.ist. no.3 215-283 '62.

ORBELI, IOSIF ABGAROVICH, 1887-

Seventy-fifth anniversary of the birth of I.A.Orbeli. F.Rusnova. Nar.Az.i Afr. no.5 226-228 '62.

ORDZHONIKIDZE—THEATER

Temirtaev, D.I. [North Ossetian Republic Theater of Russian drama] Severo-osetinskii respublikanskii teatr russkoi dramy. Ordzhonikidze, Severo-osetinskoe knizhnoe izd-vo, 1960. 42 p. Illus. (MIi)

ORE DEPOSITS

(see also subdivision under Almalyk region, Bug Valley, Chita Province, Chukchi Peninsula, Maritime Territory, Okhotsk region, Siberia, Eastern, Siberia, Western, South America, Transbaikalia, Ural Mountain region, Yakutia)

Akademiia nauk SSSR. Institut geologii rudnykh mestorozhdenii, petrografii, mineralogii i geokhimii. [Study of the structure of ore zones and deposits] Voprosy izucheniia struktur rudnykh polei i mestorozhdenii. Moskva, Izd-vo Akad. nauk SSSR, 1962. 141 p. (Trudy, no 82)

[MICROFILM]

Akademiia nauk SSSR. Laboratoriia osadochnykh poleznykh iskopaemykh. [Outline of the metallogeny of sedimentary and sedimentary-metamorphic rocks] Ocherki po metallogenii osadochnykh i osadochno-metamorficheskikh porod. Moskva, Izd-vo Akad. nauk SSSR, 1962. 240 p. Illus.

Metallogenic regions of the U.S.S.R. and prospects for the increase of their ore resources. I.G.Magak'ian. Vop.geog. no.57:9-21 '62.

Ore-bearing volcanic vents and their spatial distribution. V.N.Kotliar. Zap.Vses.min.ob-va 91 no.4 413-420 '62.

Some features of the distribution of metals in ore deposits. P.A.Ryzhov, V.M.Gudkov. Izv.vys.ucheb.zav.; gor.zhur. no.10,74-77 '61.

Some problems of regional metallogeny, criticism of the metallogenetic concepts of Iu.A.Bilibin and of the metallogenic collective of the All-Union Geological Scientific Research Institute. G.S.Labazin. Zap.Vses.min.ob-va 91 no.4 394-412 '62.

Stages in the development and types of fissure-free vein formation; modeling of stockwork ore deposits. G.L.Pospelov, P.I.Kaushanskaia. Geol.i geofiz. no.9:41-47 '62.

Using the natural field method in searching for and small scale mapping of pyritized zones and graphitized rocks. Iu.S.Ryss and others. Uch.zap.LGU 303,226-233 '62.

ORE DRESSING

Automatic measurement of the moisture in products of dressing and agglomerate mixtures. G.S.Nesterov. Izv.vys.ucheb.zav., gor.zhur. 5 no.8 155-160 '62.

Efficient flowsheets of magnetic quartzite milling. P.E.Ostapenko. Gor.zhur. no.10 65-68 O '62.

Efficient use of Nikopol' manganese ores in the production of manganese alloys. G.I.Kontorovich, I.F.Krasnykh, G.B.Shirer. Gor.zhur. no.10,58-62 O '62.

Equivalent circuits of electronic amplifiers of some automatic control devices in ore-dressing plants. V.M.Kirpichnikov. Izv.vys.ucheb.zav.; gor.zhur. no.9 146-147 '61.

Gubin, G.V., and others. [Roaster of ores] Obzhigal'shchik rud. Moskva, Gosgortekhizdat, 1962. 68 p. (Bibliotechka molodogo obogatitelia)

Hot granulation of tin concentrates. V.I.Butanov. Trudy Vost.Sib.fil.AN SSSR no.41:11-14 '62.

Investigating the process of magnetizing roasting of Kerch Peninsula brown ore. Report No.1. A.N.Pokhvisnev, Iu.S.Iusfin. Izv.vys.ucheb.zav.,chern.met. 5 no.9:48-53 '62.

New type of ore dressing plant. V.G.Svirin. TSvet.met. 35 no.10:17-23 O '62.

Operating conditions in transporting pulp by pipe in ore-dressing plants. T.I.Mel'nikov. Izv.vys.ucheb.zav.; gor.zhur. no.9:168-172 '61.

[Ore dressing and coal preparation in the Kazakh S.S.R.; transactions of the out-of-town session in Balkhash and Karaganda, of the Section on Mineral Dressing of the Learned Council of the A.A.Skochinskii Mining Institut (November-December 1960)] Zadachi obogashcheniia rud i uglei Kazakhskoi SSR; trudy vyezdnoi sessii sektsii obogashcheniia poleznykh iskopaemykh Uchenogo soveta Instituta i gornogo dela im. A.A.Skochinskogo v gorodakh Balkhashe i Karagande, noiabr'-dekabr' 1960 g. Moskva, Izd-vo Akad. nauk SSSR, 1962. 173 p.

Plaksin, I.N., Iu.G.Melik-Stepanov, and Iu.M.Sokhin. [Dressing ores in heavy media] Obogashchenie rud v tiazhelykh sredakh. Moskva, Izd-vo Akad. nauk SSSR, 1962. 110 p.

Prospects for the industrial utilization of the Chita Province stockwork ores. G.A.Mel'nikov. Trudy Vost.Sib.fil.AN SSSR no.4):5-10 '62.

Skorov, V.A. [Ore dresser] Obogatitel' gornorudnoi promyshlennosti. Moskva, Gosgortekhizdat, 1961. 311 p.

ORE DRESSING—EQUIPMENT AND SUPPLIES

"Automatic control in ore dressing plants" by V.A.Bun'ko, S.A.Volotkovskii, and N.G.IAnkilevich. Reviewed by B.P.Belykh, A.P.Diomidov, and A.E.Trop. Gor.zhur. no.11 77-78 N '62.

Bozhko, M.P. [Classifier operator] Mashinist klassifikatora. Moskva, Gosgortekhizdat, 1962. 82 p. (Bibliotechka molodogo obogatitelia)

Isaev, I.N. [Concentrating tables] Kontsentratsionnye stoly. Moskva, Gosgortizdat, 1962. 100 p.

ORE DRESSING—SAFETY MEASURES

Klimanov, A.D., and K.G.Rudenko. [Safety techniques and fire prevention in ore dressing and briquetting plants] Tekhnika bezopasnosti i protivopozharnaia tekhnika na obogatitel'nykh i briketnykh fabrikakh. Moskva, Gosgortekhizdat, 1962. 362 p.

ORE DRESSING—TECHNOLOGICAL INNOVATIONS see subdivision under Pyshma

ORE HANDLING—EQUIPMENT AND SUPPLIES

Swinging feeder. I.S.Voronov. Gor.zhur. no.11 76 N '62.

OREL PROVINCE—CHILDREN—SURGERY

Pressing problems in the organization of pediatric surgical service. S.S.Ivanov. Zdrav.Ross.Feder. 6 no.9:27-29 S '62.

OREL PROVINCE—FISHES, FOSSIL

Fishes of the Central Devonian field. O.P.Obrucheva. Biul.MOIP,Otd.geol. 37 no.3 129 My-Je '62.

OREL PROVINCE—SUPERSTITION

The film of the clairvoyant Serofim. A.Nekoshnov, N.Piteteskii. Nauka i rel. 4 no.11,65-67 N '62.

ORENBURG—FEED MILLS

At the Orenburg Mixed Feed Mill. B.TSinberg. Muk.-elev.prom. 28 no.9 11-12 S '62.

ORENBURG PROVINCE—AGRICULTURAL MACHINERY—MAINTENANCE AND REPAIR

It is a shame not to know. S.Shaboldin. Mol.komm. no.10 69-76 O '62.

ORENBURG PROVINCE—GEOLOGY, STRATIGRAPHIC

Conditions governing the formation of the Lower Carboniferous terrigenous layer in the Kama-Kinel' Depression. S.IA.Vainbaum, E.Kh.IAgofarov. Sov.geol. 5 no.10:101-109 O '62.

ORENBURG PROVINCE—METALLURGICAL RESEARCH

At the Orsk-Khalilovo Metallurgical Combine. I.N.Varnavskii. Stal' 22 no.10 893, 915-916, 916, 938, 945 O '62.

ORENBURG PROVINCE—POTATOES—IRRIGATION

Saturation irrigation in Orenburg Province. N.S.Malimonov. Zemledelie 21 no.9:22-24 S '62.

ORENBURG PROVINCE—SOIL MOISTURE

Basic agricultural measures for the accumulation of moisture in soils. V.G.Anikovich. Zemledelie 24 no.9:56-64 S '62.

ORENBURG PROVINCE—STRIP MINING

Plowing instead of boring and blasting. I.S.Mel'nikov. Gor.zhur. no.10 71-75 O '62.

ORENBURG PROVINCE—WHEAT—IRRIGATION

Saturation irrigation in Orenburg Province. N.S.Malimonov. Zemledelie 24 no.9:22-24 S '62.

ORES—SAMPLING AND ESTIMATION

(see also subdivision under Baltic Shield)

Calculation of mean volume weight from a definite number of calculations. V.I.Kuz'min. Izv.vys.ucheb.zav., gor.zhur. no.9:86-89 '61.

Internal and external control of analyses of prospecting samples. A.P.Prokof'ev. Razved.i okh.nedr 28 no.6:8-10 Je '62.

Selection of a more efficient method of sampling ores. V.N.Sarychev. Razved.i okh.nedr 28 no.6:15-17 Je '62.

ORGANIC CHEMISTRY see Chemistry, Organic

ORGANIC COMPOUNDS—SPECTRA

Unusual manifestations of the mutual influence of atomic groups in spectra of complex molecules. P.P.Shorygin, E.M.Popov. Dokl.AN SSSR 146 no.5:1132-1135 O '62.

ORGANIC MATTER see subdivision under Baltic Sea; Norwegian Sea

ORGANIC MATTER—ANALYSIS see subdivision under Atlantic Ocean

ORGANOMETALLIC COMPOUNDS

Chemical changes during β-decay of Sb^{125}, present in certain phenyl- and tolyl derivatives. V.D.Nefedov, I.S.Kirin, V.M.Zaitsev. Radiokhimiia 2 no.3:351-355 '62.

Inner-complex compounds of the elements of the titanium subgroup with salicylal-o-aminophenol. A.S.Kudriavtsev, I.A.Savich. Zhur.VKHO 7 no.5:591-593 '62.

Synthesis of polymerizing organometallic compounds of phthalic acid N-vinyl amide and N-(o,p-carboxyphenyl) acryl (methacryl)amides. T.M.Kiseleva, M.M.Koton, G.M.Chetyrkina. Izv.AN SSSR. Otd.khim.nauk no.10:1798-1804 O '62.

ORGANOMETALLIC COMPOUNDS—SPECTRA

Polar effects in infrared spectra of the organic compounds of some elements of the group IV. Iu.P.Egorov and others. Izv.AN SSSR. Otd.khim.nauk no.10 1880-1882 O '62.

ORIBATIDAE see subdivision under Armenia

ORIENTAL LITERATURE—HISTORY AND CRITICISM

A discussion on the problem of the formation of realism in the Asian and African literatures. B.Parnikel'. Nar.Az.i Afr. no.5 214-221 '62.

ORIENTAL PHILOSOPHY—CONGRESSES

The First All-Union Conference on Eastern Textology. G.Aliev, L.Kontsevich. Nar.Az.i Afr. no.5 222-226 '62.

ORIENTAL STUDIES

A conference on the national economy and history of Afghanistan, Iran, and Turkey. M.V.Popov. Vop.ist. no.10:161-163 O '62.

ORIENTATION

Winged navigators. A.Ivanov. Mekh.tekh. 7 no.10 64-66 O '62.

ORNITHOSIS VIRUS

Susceptibility of some types of wild rodents to the ornithosis virus; preliminary report [with summary in English]. I.I.Terskikh, A.M.Chel'tsov-Bebutov, A.M.Bekleshova. Zhur.mikrobiol.,epid.i immun. 33 no.4: 39-42 Ap '62.

ORTHODONTIA

Change in the mucopolysaccharides in the tissues of the paradontium during the early days of the orthodontic transposition of the teeth; Report No.2. E.IA.Vares, O.N.Zoshchuk. Trudy Nauch.-issl.inst.stom. no.10:183-186 '62.

Organization of dispensary service for children with maxillodental deformations. A.D.Gandelin. Trudy Nauch.-issl.inst.stom. no.10:162-169 '62.

Succession of morphological changes in the tissues of the paradontium during the orthodontic transposition of the teeth using a constantly acting force; Report No.1. O.N.Zoshchuk. Trudy Nauch.-issl.inst.stom. no.10 170-182 '62.

Work of the nurse with young children in the orthodontic office. V.M.Moiseeva. Trudy Nauch.-issl.inst.stom. no.10:204-208 '62.

ORTHODONTIA—EQUIPMENT AND SUPPLIES

Copying apparatus for the objective registration of the degree of rearrangement of the dental rows during orthodontic treatment. V.N.Volodkin. Trudy Nauch.-issl.inst.stom. no.10:200-2-3 '62.

Preparation of orthodontic apparatus from AKR-"p" plates in combination with acrylic plastics. E.IA.Vares. Trudy Nauch.-issl.inst.stom. no.10:144-149 '62.

ORTHODOX EASTERN CHURCH

(see also subdivision under Bashkiria)

New campaign against the Orthodox Church in the U.S.S.R. and the situation of the Moscow Patriarchate. N.A.Teodorovich. Mat.i soob.Issl.otd.Inst.po izuch.SSSR no.35/36 66-81 My-Je '62.

The Orthodox Inquisition in Russia. I.Sinel'nikov. Nauka i rel. no.5:25-30 My '62.

ORTHODOX EASTERN CHURCH—CLERGY

(see also subdivision under Chernigov Province)

Most important events in the life of churches and religious societies in the U.S.S.R. N.A.Teodorovich. Mat.i soob.Issl.otd.Inst.po izuch.SSSR no.32/33: 68-71 F-Mr '62.

ORTHODOX EASTERN CHURCH—DOCTRINAL AND CONTROVERSIAL WORKS

Critical evaluation of the present-day philosophical "argumentation" of the Orthodox Church [with summary in English, p.180]. I.S.Gordienko. Vop.filos. 16 no.10:48-56 '62.

ORTHODOX EASTERN CHURCH, RUSSIAN

Orlov, G.M. [Traditions of church and community] Tradiitsiia tserkovnaia i obshchestvennaia. Buenos Aires, 1957. 83 p. (MH)

ORTHOPEDIA

Comparative evaluation of the use of various types of grafts in fixation of the spine in scoliotic children. V.D.Chaklin, E.A.Abal'masova, A.G.Prokhorova. Vest.khir. 89 no.8:3-12 Ag '62.

ORTHOPEDIC APPARATUS INDUSTRY see subdivision under Kalinin, Saratov; Tambov

ORTHOPEDIC SHOES

Price list needs a supplement. D.Mar'in. Sots.obesp. 23 no.10:48 O '62.

ORTHOPTERA, FOSSIL

New Permian family Orthoptera. A.G.Sharov. Paleont.zhur. no.3:112-116 '62.

OSCILLATIONS

Application of the Bubnov-Galerkin method in the nonlinear oscillation theory [with summary in English]. L.I.Kuznetsov. Vest.LGU 17 no.19:79-85 '62.

OSCILLATIONS (Continued)

Oscillations of a plane hexagonal lattice with allowance for non-point interaction. Part 1. Vertical oscillations V. M. Rubtsov. Izv. vys. uch. zav., fiz. 3 24-32 '62

Oscillations of coupled systems with slowly varying parameters [with summary in English]. L. A. Ostrovskii. Izv. vys. ucheb. zav., radiofiz. 5 no. 5 984-989 '62.

OSCILLATIONS—ELECTROMECHANICAL ANALOGIES

Self-oscillations and forced oscillations in a nonlinear circuit with asymmetric characteristics. A. V. Turik. Izv. vys. ucheb. zav., radiofiz. 5 no. 5:1037-1040 '62.

Self-oscillations of a simple relay system with correction [with summary in English] A. I. Cherepanov. Izv. vys. ucheb. zav., radiofiz. 5 no. 5 999-997 '62.

OSCILLATORS, CRYSTAL

Continuously operating optical ruby generator. R. A. Zhitnikov. Priroda 51 no. 10 99-100 O '62.

OSCILLATORS, ELECTRIC

Calculation of a ferroresonant generator of damped oscillations. V. M. Il'in. Izv. vys. ucheb. zav., energ. 5 no. 9, 25-34 S '62.

Calculation of the operation of a pulse generator with an erosion gap I. S. Rogachev, A. N. Thachenko. Izv. vys. ucheb. zav., elektromekh. 5 no. 6:679-683 '62.

Field frequency of an oscillator moving in an anisotropic medium [with summary in English]. N. A. Mitiakov. Izv. vys. ucheb. zav., radiofiz. 5 no. 5:892-896 '62.

Mutual synchronization of self-oscillatory systems. V. P. Rubanik. Radiotekh. i elektron. 7 no. 10:1711-1719 O '62.

Some characteristics of a generator operating on a neon-helium mixture. N. G. Basov, E. P. Markin, D. I. Mash. Zhur. eksp. i teor. fiz. 43 no. 3, 1116-1117 '62.

Ternary triggers on parametric oscillators [with summary in English]. S. A. Akhmanov, A. S. Roshal', Izv. vys. ucheb. zav., radiofiz. 5 no. 5:1017-1025 '62.

OSCILLATORS, ELECTRON-TUBE

Reaction of parametrically excited systems on a parameter changing self-oscillator. Iu. V. Grigor'ev. Radiotekh. i elektron. 7 no. 10:1838-1841 O '62.

OSCILLOGRAPH

Light-beam recording oscillographs F. S. Borisevich. Vest. AN SSSR 32 no. 10, 68-72 O '62.

OSCILLOGRAPHY

Double time relay for controlling the recording with the MPO-2 oscillograph. V. M. Chernyagev. Priborostroenie no. 10 30 O '62.

OSINNIKI—FIRES AND FIRE PREVENTION

Our experience. IA. Molodov. Pozh. delo 8 no 10:7 O '62.

OSKILKO, VOLADYMYR, 1892-1926

Martos, Borys. [Oskilko and Bolbochan; reminiscences] Oskilko i Bolbochan, spohady. Munich, Vyd-vo Petro Belei, 1958. 62 p.
(IU)

OSLO REGION—ROCKS, IGNEOUS

Igneous rocks in the Oslo region. A. M. Daminova. Biul. MOIP. Otd. geol. 37 no. 3:125-126 My-Je '62.

OSMIUM COMPOUNDS

Synthesis and properties of osmium phthalocyanine, B. D. Berezin, N. I. Sosnikova. Dokl. AN SSSR 146 no. 3 604-607 S '62.

OSSETIA, NORTH—CORN BREEDING

Growth of the root system in self-pollinated lines and interlinear hybrids of corn. I. F. Dorovskaia. Nauch. dokl. vys. shkoly. biol. nauki no. 4:137-141 '62.

OSSIFICATION

Effect of sublethal X-ray irradiation on the induction process caused by transitional epithelium in the connective tissue [with summary in English]. A. IA. Fridenshtein. Biul. eksp. biol. i med. 53 no. 6:80-84 Je '62.

OSTEOMYELITIS

Replantation of teeth in acute odontogenic osteomyelitis. I. K. Shirokov. Trudy Nauch.-issl. inst. stom. no. 10, 79-84 '62.

OSTEOPLASTY see Bone grafting

OSTEOTOMY

Subtrochanteric osteotomy in tuberculous coxitis. R. Z. Fakhrutdinova. Sov. zdrav. Kir. no. 5:55-56 S-O '62.

OSTRACODA, FOSSIL see subdivision under Azerbaijan, Caucasus, North; Turkmenistan; Ural Mountain region

OUTBOARD MOTORS

Outboard motor for gliders. I. Shelest. IUn. tekh. 7 no. 10 32 O '62.

OUTER SPACE—EXPLORATION

Cascade of discoveries. A. Blagonravov. Av. i kosm. 45 no. 9:81-82 '62.

Laboratories in orbits. V. Ginzburg and others. Av. i kosm. 45 no. 6:13-22 '62

Ocular shows other worlds. N. Kell'. Av. i kosm. 45 no. 9:86-87 '62.

OVARIES

Effect of ionizing radiation on the gonadotropic reaction of ovaries in mice. L. A. Kashchenko. Dokl. AN SSSR 146 no. 6 1430-1433 O '62.

Function of the thyroid gland in compensatory hypertrophy of the kidneys and ovaries [with summary in English]. Biul. eksp. biol. i med. 53 no. 6, 19-23 Je '62

OVARIES—BLOOD VESSELS

Vascular system of the ovaries of macaques and some other mammals L. E. Etingen. Biul. MOIP. Otd. biol. 67 no. 5:153-154 S-O '62.

OVARIES—DISEASES

Polycystic ovaries (Stein-Leventhal syndrome). M. S. TSirul'nikov. Sov. med. 26 no. 8:87-92 Ag '62.

OVERVOLTAGE

Overvoltage of hydrogen evolution on mercury in a ripple current. G. G. Vlasov, O. K. Kudra Ukr. khim. zhur. 28 no. 5 604-610 '62

OXALATES

Thermal decomposition of oxalic acid and bivalent metal oxalates. B. V. Strizhkov, A. V. Lapitskii, L. G. Vlasov. Zhur. neorg. khim. 7 no. 10 2352-2356 O '62.

OXALATOURANATES

New salts of oxalatouranic acid. A. A. Grinberg, G. I. Petrzhak, G. S. Lozhkina. Radiokhimiia 4 no. 3:289-295 '62.

OXALIC ACID

Thermal decomposition of oxalic acid and bivalent metal oxalates. B. V. Strizhkov, A. V. Lapitskii, L. G. Vlasov. Zhur. neorg. khim. 7 no. 10:2352-2356 O '62.

OXIDATION

Effect of dilution with an inert solvent on the process of oxidative decarboxylation of fatty acids L. K. Obukhova, V. M. Gol'dberg Izv. AN SSSR. Otd. khim. nauk no. 10 1894 O '62

Effect of the structure of elementary links of modified cellulose during its oxidation. Z. I. Kuznetsova, V. I. Ivanov, M. S. Dobrzhinskaia Izv. AN SSSR, Otd. khim. nauk no. 10:1886-1889 O '62

Mechanism of high-temperature oxidation of titanium. S. S. Mozhaev, L. F. Sokirianskii, I. S. Anitov. Fiz. met. i metalloved. 14 no. 4:637-638 O '62.

Mishkevich, R. I. [High temperature oxidation of permalloy in air] Termovozdushnoe okislidirovanie permalloia. Leningrad, 1962. 26 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Serlia. Metallovedenie i termicheskaia obrabotka, no. 4)

Oxidation of propylene on cobalt-manganese spinels with lithium, titanium and copper oxides added. V. R. Linde, L. IA. Margolis Izv. AN SSSR Otd. khim. nauk no. 10 1723-1726 O '62

Oxidation of uranium dioxide. V. G. Vlasov, A. F. Bessonov. Izv. vys. ucheb. zav., tsvet. met. 5 no. 5:113-122 '62.

Process and products of the oxidation of niobium-titanium alloys. D. A. Prokoshkin, E. V. Vasil'eva. Izv. AN SSSR. Otd. tekh. nauk. Met i topl. no. 5, 151-156 S-O '62.

Resistance of river water humus to destructive oxidation. M. A. Shevchenko, G. B. Barashenkov, R. S. Kas'ianchuk. Ukr. khim. zhur. 28 no. 6:732-737 '62.

OXIDATION-REDUCTION REACTION

Using oxidation-reduction systems for the initiation of the reaction of 1-octen with carbon tetrachloride. R. Kh. Freidlina, E. TS. Chukovskaia. Otd khim nauk no 10:1783-1788 O '62

OXIDES

Catalytic isomerization of β-oxides. N. I. Shuikin and others. Izv. AN SSSR. Otd. khim nauk no 9:1653-1656 S '62.

OXIDES—ELECTRIC PROPERTIES

Nature of the electroconductivity of beryllium, magnesium, calcium and strontium oxides at high temperatures. S. F. Pal'guev, A. D. Neuimin. Fiz. tver. tela 4 no. 4:855-860 Ap '62.

OXIRENE

Some conversions of 1, 4-dioxene. M. F. Shostakovskii, N. V. Kuznetsov, IAn Chzhe-min' [Yang Chê-min] Izv AN SSSR, Otd khim nauk no. 10 1859-1860 O '62.

OXYACETYLENE WELDING see Gas welding and cutting

OXYCELLULOSE

Determination of glyoxylic and erythronic acids in decomposition products of oxycelluloses. A. M. Pakhomov, V. M. Prostiakova, V. I. Ivanov. Izv AN SSSR. Otd. khim. nauk no. 9:1671-1672 S '62

OXYGEN

Study of the conversion of ethyl alcohol to acetaldehyde by the method of separate calorimetric measurement. Part 2: Role of oxygen in the process of alcohol conversion. T. P. Kornienko, F. G. Kapustina, M. V. Poliakov. Ukr. khim. zhur. 28 no. 3:343-346 '62.

OXYGEN—INDUSTRIAL APPLICATIONS

Effect of oxygen on the dusulfuration of liquid steel. A. I. Kondrat'ev, A. M. Samarin. Izv. vys. ucheb. zav. ;chern. met. 5 no. 9:99-104 '62.

Plant equipment with oxygen converters having a refill of 100-130 tons I. L. Dobronokok Stal' 22 no. 10 903-904 O '62.

OXYGEN—PHYSIOLOGICAL EFFECT

Activity of glutamic decarboxylase and γ-aminobutyric acid content in the brain of rats in different functional states brought about by elevated oxygen pressure. G. V. Shcherbakova. Dokl. AN SSSR 146 no. 5 1214-1215 O '62.

OXYGEN THERAPY

Study of the combined action of antibiotics and oxygen on local strains of dysenteric bacilli. E. O. Lukina, O. V. Gorokhova. Trudy Lab. med. inst. no. 29 27-32 '60.

OZERSK DISTRICT—STOCK AND STOCKBREEDING - LABOR PRODUCTIVITY

Labor productivity is higher if management is better I. I. Padin Uchet i fin. v kolkhoz. i sovkhoz. 10 no. 12 52-54 S '62

OZOCERITE

Thermophilic bacterium isolated from ozocerite [with summary in English]. Ch. B. Badtiev, S. M. Manukov Izv. AN SSSR, Ser. biol. no. 5 782-786 S-O '62

OZONE

Ozone formation in the action of alpha radiation on the air. N. N. Tantsova. Geomag. i aer. 2 no. 4 717-720 Jl-Ag '62

OZONIZATION

Ozonolysis of a low-grade technical phenanthrene. Preparation of 3,8-dimethoxy-1,5,6,7-dibenzo-1,7-dioxocyclooctane and 2'-formyldiphenyl-2-carboxylic acid. L. P. Kulev and others. Zhur. VKhO 7 no. 5, 598-600 '62.

PACIFIC AREA—MYTILACEA, FOSSIL

Cretaceous Inoceramus in the northern part of the Pacific area. M. A. Perfilament. Izv. AN SSSR ser. geol. no. 10:55-68 O '62.

PACIFIC OCEAN—ALGAE

Representatives of the genus Rhodoglossum J. Ag. from near the Soviet coast of the Pacific Ocean. A. D. Zinova. Bot. mat. Otd. spor. rast. 16, 70-74 Ja '62.

PACIFIC OCEAN—BACTERIA

Distribution of heterotrophic bacteria in the waters of the Pacific Ocean. A. E. Kriss. Dokl. AN SSSR 146 no. 6 1422-1425 O '62.

PACIFIC OCEAN—ICHTYOLOGICAL RESEARCH — CONGRESSES

Papers on ichthyology and fishery management at the 10th Pacific Science Congress. N. V. Parin. Vop. ikht. 2 no. 3, 571-576 '62.

PACIFIC OCEAN—ISOPODA

Munnidae (Isopoda, Asellota) from the Far Eastern seas of the U. S. S. R. O. G. Kusakin. Trudy Zool. Inst. 30 66-109 '62.

PACIFIC OCEAN—OCEANOGRAPHY

Hydrology of the northeastern part of the Pacific Ocean review of published data. A. P. Plakhotkin. Trudy VNIRO 46:190-201 '62.

PACIFIC OCEAN—PROSOBRANCHIATA

New species of gastropods of the genus Neptunea Bolten (Gastropoda, Prosobranchiata) from the Far Eastern seas of the U. S. S. R. A. N. Golikov. Trudy Zool. Inst. 30:3-10 '62.

PACKING HOUSE WORKERS—DISEASES AND HYGIENE

Group outbreak of Q fever in a meat combine; clinical epidemiological observations [with summary in English] V. M. Popugailo, G. D. Klepko, P. A. Zhultukhin Zhur. mikrobiol., epid. i immun. 33 no. 4:65-67 Ap '62.

PAINT

New oiliess paints. Sh. Golant. Zhil.-kom. khoz. 12 no. 5:16 My '62.

PAINTING see subdivision under White Russia

PAINTING—STUDY AND TEACHING

How to study the development of Russian pictorial art during "History of the U. S. S. R." classes in grades 8 and 9. I. P. Popov. Uch. zap. RGPI 26:19-51 '61.

PAINTING, CHINESE

On six principles of Chinese painting. E. Vinogradova. Iskusstvo 25 no. 9:57-64 '62.

PAINTING, INDUSTRIAL

Terlo, G. IA. [Parkerizing primers and their use in industry] Fosfatiruiushchie grunty i ikh primenenie v promyshlennosti. Leningrad, 1962. 32 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Serlia: Zashchitnye pokrytiia, no. 4)

PAINTINGS, ANTIRELIGIOUS

How the works of pictorial art can be used in atheistic propaganda V. Vinogradov. Blok. agit. [Bel.] no. 5: 31-36 Ja '60.

PAINTINGS, LITHUANIAN

[Painting] Tapyba. Vilnius, Valstybine politines ir mokslines literaturos leidykla, 1961. 33 p. Illus. [In Lithuanian]

PAKISTAN—ECONOMIC GEOGRAPHY

Puliarkin, V. A. [Western Pakistan, economic geography] Zapadnyi Pakistan, ekonomiko-geograficheskaia kharakteristika. Moskva, Geografgiz, 1962 259 p

PAKISTAN—HISTORY

"Early India and Pakistan to Ashoka" [in English] by M. W. Wheeler. Reviewed by I. Brashinskii. Vest. drev. ist. no. 3:178-185 '62.

"The history of Pakistan" by IU. V. Gankovskii, L. R. Gordon-Polonskaia. Reviewed by V. N. Moskalenko Vop. ist. no. 10:150-153 O '62.

PALATE—ABNORMITIES AND DEFORMITIES

Osteoplasty in the surgical treatment of palatal defects. N. G. Vasil'eva, Trudy Nauch.-issl. inst. stom. no. 10 45-50 '62.

PALATE—INNVERATION

Histomorphology of the neural apparatus of the soft palate in toxic diphtheria of the pharynx V. M. Baran Zdrav. Bel. 8 no 5 14-16 My '62.

PALATE—SURGERY

One hundredth anniversary of B. Langenbeck's "periosteal uranoplasty." M. D. Dubov. Vest. khir. 89 no. 6 93-96 Ag '62.

Preventing the formation of postoperative defects following uranoplasty in partial nonpenetrating cleft palate. V. I. Vakulenko. Trudy Nauch.-issl. inst. stom. no. 10 11-44 '62.

PALATE, CLEFT

Preventing the formation of postoperative defects following uranoplasty in partial nonpenetrating cleft palate. V. I. Vakulenko. Trudy Nauch.-issl. inst. stom. no. 10:41-44 '62.

Treatment of congenital cleft palate. V. I. Vakulenko. Trudy Nauch.-issl. inst. stom. no. 10:34-40 '62.

PALEOBOTANY see subdivision under Caucasus; Caucasus, Northern, Zaysan District

PALEOBOTANY, STRATIGRAPHIC see subdivision under Kalinin Province; Kama Valley, Lakhta region (Leningrad Province), Ural Mountains; Zaysan Lake region

PALEOGEOGRAPHY see subdivision under Maritime Territory; Pamirs; Syr-Darya Valley

PALEONTOLOGICAL SOCIETIES

Activity of the Paleontological Section of the Moscow Naturalists' Society, 1961 V. N. Shimanskii Paleont. zhur. no 2:175-177 '62

Eighth session of the All-Union Paleontological Society O. V. Amitrov Paleont zhur no 2 177-179 '62.

PALEONTOLOGY

(see also subdivision under Blagady region)

"Flying lizards and prehistoric birds" by Josef Augusta and Zdenek Burian. A book review. Priroda 51 no. 10:126 O '62.

Some stages in the development of the organic world in the Paleozoic. V. V. Drushchits, V. N. Shimanskii. Biul. MOIP. Otd. geol. 37 no. 3:135-136 My-Je '62.

PALEONTOLOGY—STUDY AND TEACHING

Training of paleontologists IU. A Orlov Paleont. zhur no 2 3-8 '62.

PALEONTOLOGY—TERMINOLOGY

Remarks concerning V. P. Nekhoroshev's article D V Obruchev Paleont. zhur. no 2 157-159 '62.

Rights of nomen conservandum should not be forgotten. V P Nekhoroshev Paleont. zhur no 2,149-156 '62.

PALEONTOLOGY, STRATIGRAPHIC see subdivision under Ayat Valley; Kola Peninsula; Mugay Valley

PALLADIUM-IRIDIUM ALLOYS see Iridium-palladium alloys

PALLADIUM-MAGNESIUM ALLOYS see Magnesium-palladium alloys

PALLADIUM-SILVER ALLOYS—ELECTRIC PROPERTIES

Effect of plastic deformation on the electric resistance of alloys of the system palladium-silver. N. L. Pravoverov. Izv. vys. uch. zav.; fiz. 3 74-78 '62.

PALLASOVKA DISTRICT—COMMUNIST PARTY OF THE SOVIET UNION

Oleinikov, I. A. and T. F. Siagailo. [Party organization of the Chapaev Collective Farm; from work practices] Partilnaia organizatsiia kolkhoza imeni Chapaeva; iz opyta raboty. [Stalingrad] Stalingradskoe knizhnoe izd-vo, 1960. 62 p. (MIH)

PALYNOLOGY

(see also subdivision under Ural Mountain region)

Methods of spore-pollen analysis. S. E. Maizlish. Paleont. zhur. no 2:160-162 '62.

PAMIRS—GEOLOGY, STRATIGRAPHIC

Ancient Paleozoic sediments of the central Pamirs. B. R. Pashkov. Izv. vys. uch. zav.; geol. i razv. 5 no. 7:22-29 Jl '62.

PAMIRS—PALEOGEOGRAPHY

Paleogeographic results of the exploration of an alpine Stone-age camp site in the Pamirs. S. V. Butomo and others. Dokl. AN SSSR 146 no. 6:1380-1382 O '62.

PAMIRS—SHRUBS

Recent data on the height limit of shrub growth in mountains of the U. S. S. R. V. K. Lukanenkova, M. K. Khalikov. Dokl. AN SSSR 146 no 3 711-716 S '62.

PAMIRS—WATER RESOURCES DEVELOPMENT

At the Lake Baikal of the Pamirs. B. Snegov. Uzbekiston 21 no. 9:7 S '62.

PAN-SLAVISM

"Slavic committees in Russia, 1858-1876" by S. A. Nikitin. Reviewed by S. S. Dmitriev Vop. ist. no. 10:129-132 O '62.

PANCREAS

Daily rhythm of the mitotic activity of the exocrine epithelium of the rat pancreas [with summary in English]. I. V. Markelova. Biul. eksp. biol. i med. 53 no. 6:74-77 Je '62.

Effect of aminaine, difacil, and tetamon "I" on the external secretory function of the pancreas. R. N. Zozulia. Trudy Len. khim.-farm. inst. no. 13:167-173 '61.

PANCREAS—DISEASES

Changes in the electrocardiogram in acute pancreatitis [with summary in English]. A. E. Kucherenko. Vrach. delo no. 10 65-69 O '62.

PANCREAS—SECRETIONS

Changes in the exocrine function of the pancreas during the internal use of water from well No. 4 of Pyatigorsk health resort. B. M. Kopytin. Uch. zap. Pyat. gos. nauch.-issl. bal'n. inst. 3:212-218 '60.

Secretion of pancreatic enzymes in response to different food stimuli under conditions of high environmental temperature [with summary in English]. IU. A. Shcherbakov. Vop. pit. 21 no. 3:61-66 My-Je '62.

PANCREAS—WOUNDS AND INJURIES

Reaction of the pancreas to injuries in frog larvae in relation to metamorphosis [with summary in English]. A. A. Voitkevich, L. N. Kuleshova. Biul. eksp. biol. i med. 53 no. 6:84-87 Je '62

PANKOVA, SOF'IA SIARHÉEVNA, 1902-1942

A letter from the prison I. Khauratovich Rab. i sial. 38 no. 10 7 O '62.

PANORAMAS see subdivision under Moscow

PANOV, ALEKSANDR VASIL'EVICH, 1865-1903

Aleksandr Vasil'evich Panov. V. M. Mashkova. Trudy [Len.] publ. bibl. 10:141-152 '62.

PANTALOONS see Trousers

PANTOTHENIC ACID—THERAPEUTIC USE

Use of pantothenic acid G B Berliner Voen.-med. zhur no 9 81-82 S '61

PAPAVERINE

Effect of papaverine on oxidative phosphorylation in the tissues of the heart muscle [with summary in English]. E. P. Chetverikova. Uch. zap. Inst. farm. i khimiotер. AMN SSSR 2:212-222 '60.

PAPER—SPECTRA

Spectroscopic methods of investigating the thermal degradation of woodpulp materials. Z. L. Zosim, I. N. Ermolenko, M. Z. Gavrilov. Ukr. khim. zhur. 28 no. 6:729-731 '62.

PAPER CHROMATOGRAPHY

Analysis of active vinylsulfonic dyes by means of paper chromatography. L. A. Kovzhin, A. A. Kharkharov. Izv. vys. ucheb. zav. tekh. tekst. prom. no. 4:84-89 '62.

Detection of As, Sb, and Sn present together and in a mixture with other cations by means of paper precipitation chromatography IU M Labii Ukr khim zhur 28 no. 5:641-643 '62.

Determination of impurities of mono- and tetradianthrimides in dinitrodianthrimide by means of paper partition chromatography. A. A. Cherkasskii, L. V. Merzloukhova. Zav lab. 28 no. 10:1177-1179 '62.

Effect of the nature and position of halogen on the behavior of monohaloanthraquinones in paper chromatography. N. S. Dokunikhin, B. N. Kolokolov. Zhur. VKHO 7 no. 5: 597 '62.

Paper chromatography of inositol phosphates [with summary in English] A. M Sobolev. Fiziol. rast. 9 no. 5:649-651 '62.

PAPER INDUSTRY

Uchastkina, Z. V., and G. B. Kasparov. [The economics, organization, and planning of the woodpulp and paper industries] Ekonomika, organizatsiia i planirovanie tsellulozno-bumazhnogo proizvodstva. Moskva, Goslesbumizdat, 1961. 230 p. (MH)

PAPERMAKING MACHINERY

[Equipment and technology of the printing industry] Ref. zhur. Otd. vyp. 37: Obor. i tekh. poligr. proizv. nos. 21-22 N '62.

Synthesis of the compensating devices of the automatic speed control system of a papermaking machine. G. G. Sokolovskii. Izv. vys. ucheb. zav. ; elektromekh. 5 no. 7:747-758 '62.

PARABEL' REGION—EUGLENOPHYTA

Trachelomonas calva Conrad and the allied T. cincta sp. nova in the bodies of water of Tomsk Province. T. A. Safonova. Bot. mat. Otd. spor. rast. 15:67-70 Ja '62.

PARABOLA

Congruences of parabolas in equiaffine geometry. V. S. Malakhovskii. Dokl. AN SSSR 146 no. 3:539-541 S '62.

PARACHUTE TROOPS

Wings of the infantry. I. Lisov. Kryl. rod. 13 no. 9: 22-21 S '62.

PARACHUTING

(see also subdivision under Izhevsk, Yaroslavl)

Mate for mate. I Lisov. Kryl. rod. 13 no. 10:10 O '62

Our answers to questions. Kryl. rod. 13 no. 9:31 S '62.

Parachute jumps today. Kryl. rod. 13 no. 9:16 S '62.

PARACHUTING—SAFETY MEASURES

Preventing accidents in parachuting. D Shormann. Kryl. rod. 13 no. 10:22 O '62

PARADISE BIRDS see Birds of paradise

PARAFFIN WAX

Badyshtova, K. M., A. A. Chesnokov, and G. G. Burmistrov. [Dewaxing of oils] Deparafinizatsiia masel. Moskva, Gostoptekhizdat, 1962. 151 p. (Bibliotechka molodogo rabochego)

PARAFFINS

Addition of tetranitroalkanes to α,β-unsaturated ketones. I. S. Ivanova, N. N. Bulatova, S. S. Novikov Izv. AN SSSR. Otd. khim. nauk no 10:1856-1858 O '62

Kiverin, M. D., and M. G. Smirnova. [Saturated hydrocarbons] Predel'nye uglevodorody. Arkhangel'sk, Arkhangel'skii gos. med. in-t, 1960. 16 p. [MICROFILM]

Preparation of C_8-C_{10} alkenes by the catalytic dehydrogenation of alkanes N I Shuikin and others. Neftekhimiia 2 no 4 457-466 Jl-Ag '62.

Thermal conductivity of n-hexane, n-heptane, and n-octane at different temperatures and at high pressures. Trudy LENIN AN Azerb. SSR 15:94-102 '62.

Thermodynamic correlation between the products of thermal catalytic transformations of paraffin hydrocarbons. V. A. Zakharenko. Trudy IGI 17 212-219 '62.

PARAFFINS—SPECTRA

Characteristic bands of some chloroalkanes and chloroalkenes L. G. Zelenskaia, A. V. Iogansen, G. I. Romanisova Izv AN SSSR Ser fiz no 10 1272-1275 O '62.

Intensity of stretching N-O vibrations in nitro-alkanes and halogenated nitro alkanes V. A. Shliapochnikov and others. Izv AN SSSR. Otd. khim. nauk no. 9 1684-1686 S '62.

PARAGENESIS see subdivision under Bug Valley

PARAMAGNETIC RESONANCE AND RELAXATION

Hyperfine structure of electron paramagnetic resonance spectra of an electron delocalized in a system of equivalent potential wells. IU. I. Naberukhin, A. I. Burshtein. Fiz. tver. tela 4 no. 4:956-962 Ap '62.

Paramagnetic resonance of Cr^{3+} ions in spinel [with summary in English]. V A Atsarkin. Zhur eksp. i teor. fiz. 43 no 3:830-840 '62.

Studying various structural forms of the protein myosin by the electron paramagnetic resonance method. L. L. Razumova. Dokl. AN SSSR 146 no. 5:1197-1200 O '62.

PARAMAGNETISM

Search for anomalies of μ-meson decay in paramagnetic metals [with summary in English]. L B. Egorov and others. Zhur. eksp. i teor. fiz. 43 no. 3:873-876 '62.

PARAMETRIC AMPLIFIERS

Nonlinear theory of a traveling-wave parametric amplifier. E. V. Pogorelova, R. V. Khokhlov. Vest. Mosk. un. Ser. 3: Fiz., astr. 17 no. 5:82-89 S-O '62.

Steady-state conditions in a two-stage parametric amplifier containing a nonlinear p-n junction capacitance. V. I. Samoilenko, B. S. Finogenov. Trudy MAI no. 150: 39-61 '62.

PARANOIA

Clinical aspects of the initial period in the paranoid form of schizophrenia. L. M. Elgazina. Trudy Gos. nauch.-issl. inst. psikh. 27:47-54 '61.

Pathogenesis of acute paranoia appearing during a railroad trip. A. I. Katkovnikov. Trudy Gos. nauch.-issl. inst. psikh. 27:321-332 '61.

Results of an electroencephaloscopic study of the paranoid form of schizophrenia using neurotonics and neuroleptics. N. IA. Belen'kaia. Trudy Gos. nauch.-issl. inst. psikh. 27:208-211 '61.

"Travel" paranoias. N. P. Statsenko, S. M. Larin. Trudy Gos. nauch.-issl. inst. psikh. 27:315-320 '61.

PARASITES—AMPHIBIA see subdivision under Kazakhstan

PARASITES—BIRDS see subdivision under Kazakhstan

PARASITES—CAMELS
Occurrence of the tick Hyalomma asiaticum asiaticum infected with plague on a camel. M.G.Komardina, E.I.Loseva, N.A.Eremitskaia. Biul MOIP,Otd.biol. 67 no.4 157-158 Jl-Ag '62.

PARASITES—FISHES see subdivision under Balkhash, Lake, Pechora River, Syr Darya

PARASITES—GERBILS
(see also subdivision under Kzyl-Orda Province)
Use of radioactive carbon in studying the intensity of the exchange of fleas between Rhombomys opimus and Meriones meridianus. I.S.Soldatkin and others. Dokl. AN SSSR 146 no.6 1462-1463 O '62.

PARASITES—GOATS
Question of the duration of coccidial invasion in goats N.G.Paichuk, A.A.TSygankov, L.G.Zavadskaia. Trudy Inst zool AN Kazakh SSR 16 208-210 '62

PARASITES—HARES see subdivision under White Russia

PARASITES—MICE see subdivision under Alma-Ata Province

PARASITES—MOLLUSKS see subdivision under Alma-Ata Province, Chilik Valley

PARASITES—MUSK DEER see subdivision under Tuva A.S.S.R.

PARASITES—MUSKRATS see subdivision under Kazakhstan

PARASITES—PIKAS see subdivision under Kazakhstan

PARASITES—POULTRY see subdivision under Polesye, Ukraine

PARASITES—RODENTIA see subdivision under Transili Ala-Tau

PARASITES—RUMINANTIA see subdivision under Kazakhstan

PARASITES—SCALE INSECTS
Morphological and biological groups of chalcids (Hymenoptera, Chalcidoidea) parasiting on coccids (Homoptera, Coccoidea) [with summary in English] E.S.Sugonaev Izv.AN SSSR,Ser.biol. no.5:754-766 S-O '62.

PARASITES—SHEEP
(see also subdivision under Kazakhstan, Kzyl-Orda Province)
Chemical composition of meat, liver, kidneys and adipose tissue in sheep during fascioliasis and infestation with Müller's larvae [in Armenian with summary in Russian] M.L.Kentikian, A.S.Abakian Izv.Glav.upr.sel'khoz nauk i podgot kad Arm SSR 5 no.5,91-97 '62.

PARASITES—SQUIRRELS see subdivision under Kazakhstan

PARASITES—SWINE
(see also subdivision under Polesye; Ukraine)
Study of echinochasmosis of swine R.S.Chebotarev, L.N.Zaskind, A.I.Kubenko Trudy NIVI 1 201-203 '60

PARASITES—TICKS see subdivision under Kazakhstan

PARASITES—UNGULATA see subdivision under Kazakhstan

PARASITES—WATER BIRDS see subdivision under Turgay Gates

PARASITES—WOLVES see subdivision under Bet-Pak-Dala; Kazakhstan

PARASITOLOGY
This is in our power. N.P.Shikhobalova. Zdorov'e 8 no.11;12-13 N '62.

PARASYMPATHOLYTICS
Effect of anicaine, difacil, and tetamon "I" on the external secretory function of the pancreas. R.N.Zozulia. Trudy Len.khim.-farm.inst. no.13;167-173 '61.
Pharmacology of anicaine. T.A.Mel'nikova. Trudy Len. khim.-farm.inst. no.13;215-219 '61.
Relation between the local anesthetizing and anticholinergic action of piperidinealkanol esters of p-alkoxybenzoic acids. V.M.Samvelian, N.E.Akopian. Izv. AN Arm.SSR.Biol.nauki 15 no.7:23-31 '62.

PARATROOPS see Parachute troops

PARATYPHOID FEVER
Clinical and immunobiochemical parallels in typhoid-paratyphoid patients. Report No.1: Effect of the severity of the course, the type of pathogen and the age factor on the protein composition of the blood serum of typhoid-paratyphoid patients. S.E.Shapiro and others. Trudy Khab.med.inst. no.20:36-42 '60.
Some peripheral blood indices in children with typhoid fever and paratyphoid B treated with syntomycin and symptomatic agents. R.IA.Kireeva. Trudy Khab. med.inst. no.20:57-63 '60.

PARENT AND CHILD
Editor's mail. Semia i shkola 17 no.10,16 O '62.
Editor's mail. T.Khrenova, A.Prestman. Semia i shkola 17 no.10 38-39 O '62.
"Ty" or "Vy"? A.Grigorova. Sov.rad.i tel 6 no.3 12-13 '57

PARIS—COMMUNE, 1871
"The Paris Commune of 1871," Vols.1-2. Reviewed by V.M.Dalin. Nov.i noveish.ist. no.5:132-135 '62.

PARKS see subdivision under Zhdanov

PART-TIME FARMING
Riches of the "blue virgin soil" L.Godin. Sots.obesp. 23 no.10 34-36 O '62.

PARTHIA—CULTURE
Present-day foreign studies on Parthian culture. G.A. Koshelenko. Vest.drev.ist. no.3 166-178 '62.

PARTHIA—HISTORY
"Parthia and Rome; the origin of political dualism in the Near East" by A.G.Bokshchanin. Reviewed by N.P. Belova, I.V.Pliankov. Vest.drev.ist. no.3 159-163 '62.
Problem of the time of the origin of Parthian kingdom. M.E.Masson. Izv.AN Turk.SSR.Ser.obshchestv. nauk no.5 3-15 '62.

PARTICLE ACCELERATORS
Akademiia nauk URSR, Kiev. Fiziko-tekhnichnyi instytut. [Theory and design of linear accelerators] Teoriia i raschet lineinykh uskoritelei, sbornik statei Moskva, Gosatomizdat, 1962. 317 p.
[Linear ion accelerators] Lineinye uskoriteli ionov, [By] D.V.Kuretnikov i dr. Moskva, Gosatomizdat, 1962. 207 p.

PARTICLE TRACK PHOTOGRAPHY see Photography, Particle track

PARTICLES (NUCLEAR PHYSICS)
A theoretical conference on philosophical problems in the physics of elementary particles. V.L.Skurlatov, Vop.filos. 16 no.10 143-148 '62.

PASCAL, BLAISE, 1623-1662
An outstanding French scientist; 300th anniversary of the death of Blaise Pascal. A.S.Fedorov. Priroda 51 no.10 87-90 O '62.

PASHENNAIA, VERA NIKOLAEVNA, 1887-
Tolchenova, N. [Actress Vera Pashennaia] Aktrisa Vera Pashennaia. Moskva, Izd-vo "Pravda," 1962. 45 p. (Biblioteka "Ogonek," no.40)

PASSERIFORMES
New subspecies of passerine birds (Aves, Passeriformes). Report No.2. L.A.Portenko. Trudy Zool. inst. 30,385-394 '62.

PASTEURELLA BOLLINGERI
Case of lysis of the culture of Pasteurella bovisceptica by plague bacteriophage. A.L.Kartasheva, L.S.Kamennova. Biul.MOIP,Otd.biol. 67 no.1;155-156 Jl-Ag '62.

PASTEURELLA PESTIS
Biological characteristics of plague bacteriophages. Report No.1: The Morphology of negative colonies and their serological properties. F.I.Dyshov, Z.A.Bykova Zhur.mikrobiol., epid.i immun. 33 no.4;121 Ap '62.

PASTEURELLA TULARENSIS
Diffusion precipitation in gel of antigens of tularemic bacteria. Report No.1 [with summary in English]. V.P. Dzhanpoladova, A.P.Semenova. Zhur.mikrobiol., epid.i immun. 33 no.4:27-30 Ap '62.
Variability of the tularemia microbe in natural conditions [with summary in English]. O.S.Emel'ianova. Zhur. mikrobiol., epid.i immun. 33 no.4:3-9 Ap '62.

PASTEURELLOSIS see Hemorrhagic septicemia

PASTURE RESEARCH
(see also subdivision under Streletskoye Steppe Preserve, Ust-Urt)
Methods for field estimation of the yield of the sedge Carex physodes M.B. in pastures. I.G.Gringof, A.G. Alimzhanov. Bot.zhur. 47 no.8;1170-1176 Ag '62.

PASTURES AND MEADOWS
(see also subdivision under Amur Province; Caspian Sea region; Karaganda Province; Kazakhstan; Kirghizistan; Latvia; Lena Valley; Lugansk Province; Maritime Territory; Tien Shan)
Artem'ev, V.F. [Practices in basic improvement of meadows and the growing of meadow and pasture grass seeds] Opyt korennogo uluchsheniia lugov i vyrashchivaniia semian lugopastbishchnykh trav. Moskva, Sel'khozizdat, 1961. 18 p. (DNAL)

PASTURES AND MEADOWS—FERTILIZERS AND MANURES
Fertilize meadows in fall. N.S.Koniushkov. Zemledelie 24 no.9:40-44 S '62.

PASTURES AND MEADOWS—IRRIGATION see subdivision under Kirghizistan

PATENT LICENSES
Bought in the U.S.S.R. Sov.Soiuz no.11 34-36 '62.

PATENTS
[Bulletin on inventions] Biul.izobr. 39 no.19 '62

PATENTS—LICENSES see Patent Licenses

PATERNITY
Whose son? N.Topolianskii. Sots.zakon. 28 no.8 63-64 Ag '62.

PATRIOTISM
Training patriots F.Kokin Voen.znan 38 no.10 13-14 O '62

PATTERNMAKING
Abramov, V.L., L.S.Smol'ianinova, and D.M.Pudin, [Making pattern foundry equipment from epoxy resins, from practices of the Lepse Fittings Plant in Leningrad] Izgotovlenie liteinoi model'noi osnastki iz epoksidnykh smol; iz opyta Leningradskogo armaturnogo zavoda imeni Lepse. Leningrad, 1962. 24 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Serila Liteinoe proizvodstvo, no 3)

PAUSTOVSKII, KONSTANTIN GEORGIEVICH, 1893-
Konstantin Paustovskii. V.Lidin. Ogonek 40 no.22:6 My '62.

PAVEMENTS
Gordeev, S.O. [Asphalt-concrete work] Asfal'tobetonnye raboty. Moskva M-va kommun. khoz. RSFSR, 1962 225 p.
Laying rough-surfaced asphalt-concrete pavements N.V.Gorelyshev and others Avt.dor. 25 no.10, 4-6 O '62

PAVEMENTS, CONCRETE
Use of concrete slabs for the paving of the abutment cones. I.N.Mironenko. Put' i put khoz. 6 no.9;31 '62.

PAVLODAR PROVINCE—AGRICULTURE
"Merry-go-round" pays D.Bergel. Part.zhizn' Kazakh. no.6 70-74 Je '62

PAVLODAR PROVINCE—EROSION
Erosion of soils by wind in Pavlodar Province and some methods for its control. K.Sh.Faizov Trudy Inst pochv. AN Kazakh. SSR 13;130-149 '62.

PAVLODAR PROVINCE—SOILS
Aeolian soil complex on sandy dark Chestnut soils created by wind. E.A.Chakvetadze, T.F.IAkubov. Pochvovedenie no.7;40-51 Jl '62.

PAVLOV, IVAN PETROVICH, 1849-1936
Koshevoi, K.K. [Reasoning and suggestion and Pavlov's theory of conditioned reflexes] Suzhdenie i predlozhenie i pavlovskoe uchenie ob uslovnykh reflekasakh Perm', Permskoe knizhnoe izd-vo, 1959. 101 p. (NNC)

PAYMENT
Payments for finished work in the construction of housing and buildings serving cultural and public needs. G.Bromberg. Nauch.dokl.vys.shkoly; ekon.nauki no.5:78-86 '62.

PEA BREEDING see subdivision under Virgin Territory

PEACE
Two solemn words, peace and friendship. Helvi Hamalainen. Sov.profsoiuzy 18 no.20;39-40 O '62.

PEACE—SOCIETIES, ETC. see subdivision under Great Britain

PEACH BREEDING
(see also subdivision under Uzbekistan)
Breeding apricot and peach; work results of Academician P.N.IAkovlev. Trudy TSGL 7:82-106 '61.

PEAR
Pruning apple and pear trees in the school garden plot and the school training and experimental orchard. I.M.Chvilev. Izv.Vor.gos.ped.inst 38,3-15 '61.

PEAR—VARIETIES
Some observations on the Bere winter pear variety V.M.Oleshko. Agrobiologiia no.3:355-360 My-Je '62

PEAR BREEDING
Pear breeding. S.P.IAkovlev. Trudy TSGL 7 31-42 '61.

PEARS see Pear

PEAS
"Grow peas - it pays" by V.M.Kavun. Reviewed by D.D.Moldavskii. Zemledelie 24 no.9;94-96 S '62.

PEAS—HARVESTING
Reisler, IU.V., and IU.A.Nikolaev, [Over-all mechanization of pea harvesting] Kompleksnaia mekhanizatsiia uborki gorokha. [Moskva] Mosk. rabochii, 1962. 83 p. (DNAL)

PEAS, FIELD see Field pea

PEASANTRY
(see also subdivision under Ekaterinoslav Government, Yakutia)
"Studies on the economic situation of peasants in the northeastern Russia of the 14th and 15th centuries" by A. D. Gorskii. Reviewed by A. A. Zimin Ist SSSR 6 no. 1:170-174 Jl-Ag '62.

PEASANTS see subdivision under Balagansk Administrative Area, Transbaikalia

PEAT
Bituminization of peat during heating in the presence of alkali and water under pressure. G. B. Fridman, I. M. Peresleni. Trudy IGI 17:47-59 '62.
Effect of chemical additives on the physicomechanical properties of small peat blocks. G. IA Volenkov. Izv. vys. ucheb. zav., gor. zhur. no. 9:11-17 '61.
Is peat used as a fertilizer a source of weeds? [with summary in English]. M. V. Semianinova-Korchagina, T. A. Metel'kova. Vest. LGU 17 no. 16:77-91 '62.
Mechanism of gas formation during peat pyrolysis. N. D. Drozhalina, V. E. Rakovskii. Izv. AN SSSR. Otd. tekh. nauk. Met. i topl. no. 5:220-226 S-O '62.
Production of peat-moss litters and peat-mineral-ammoniac fertilizers for agriculture. N. F. Shcheptev. Biul. tekh.-ekon. inform. Gos. nauch.-issl. inst. nauch. i tekh. inform. no. 10, 55-59 '62.
Semicoking of peat under conditions of high-speed heating. L. P. Malashenko and others. Trudy IGI 17:21-33 '62.
Surface-active substances from peat tar hydrocarbons. F. I. Kazakov and others. Trudy IGI 17:157-168 '62.

PEAT—ANALYSIS
(see also subdivision under Tokmak, Kirghizistan)
Hydrolytic stability of nitrogen compounds of peat. L. A. Borozdina. Trudy IGI 17:88-98 '62.
Thermal stability of nitrogen compounds of upland and bottom peats. L. A. Borozdina. Trudy IGI 17:99-106 '62.

PEAT—THERAPEUTIC USE
Organization of peat-clay therapy under hospital conditions. M. M. Stepanov. Voen.-med. zhur. no. 9:85 S '61

PEAT GASIFICATION
Thermal decomposition of peat under conditions of high-speed heating. E. A. Shapatina and others. Trudy IGI 17:3-20 '62.

PEAT INDUSTRY—HYGIENIC ASPECTS
Greater attention to industrial hygiene in the peat industries. V. Bodiako, G. Pashkovskaia, N. Iager. Zdrav. Bel. 8 no. 5:46-48 My '62.

PEAT MACHINERY
The FDP-1 cutter drum for cutting peat litters. V. V. Vaganov. Biul. tekh.-ekon. inform. Gos. nauch.-issl. inst. nauch. i tekh. inform. no. 10:58-60 '62.

PEAT SOILS
Application of the similitude theory to mechanical dehydration of soils of the peat type and other such matter. I. I. Mogilevskii. Izv. vys. ucheb. zav., gor. zhur. no. 10:48-54 '61.
Lashkovich, G. I. [Fertility of peat soils and hemp growing] Plodorodie torfianykh pochv i vozdelyvanie konopli. Minsk, Gos. izd-vo sel'khoz. lit-ry BSSR, 1962. 343 p.
(DNAL)

PECHORA RIVER—PARASITES—FISHES
Materials on the parasites of fishes of the Pechora River. I. V. Ekimova. Vop. ikht. 2 no. 3:542-546 '62.

PECHORO-ILYCH PRESERVE—GROUSE
"Ecology of tetraonid birds" by O. I. Semenov-Tian-Shanskii. Reviewed by A. S. Malchevskii. Biul. MOIP. Otd. biol. 67 no. 4:147-150 Jl-Ag '62.

PECTIC ACIDS
Reaction of galacturonic and pectic acids with aluminum salts. T. K. Gaponenkov, Z. I. Protsenko. Izv. vys. ucheb. zav.; pishch. tekh. no. 5:43-46 '62.

PEDIATRIC ANESTHESIA
Characteristics of intubation anesthesia in children. F. R. Cherninkhovskii. Vest. khir. 89 no. 8:57-60 Ag '62.

PEDIATRICS
Tumarkin, TS. M. [Diagnosis and treatment of emergency pediatric states] Diagnostika i terapiia neotlozhnykh sostoianii u detei. Moskva, Medgiz, 1961. 198 p. (Biblioteka srednego medrabotnika)
(DNLM)

PEGMATITES
(see also subdivision under Armenia; Tien Shan)
Find of taptolite in granitic pegmatites. L. N. Rudovskaia. Zap. Vses. min. ob-va 91 no. 3:356-356 '62.

PELTS see Hides and skins

PENCILS
Around a pencil. Nauka i zhizn' 29 no. 9:69 S '62

PENICILLIN—TOXICOLOGY
Clinical variations of allergic reactions in children caused by penicillin. IU. B. Vishnevskii. Pediatriia no. 8:78-83 '62.

PENICILLIUM
Comparative study of the conditions for isolating protease from the mycelium of Penicillium chrysogenum S. I. Bezborodova. Trudy Len. khim.-farm. inst. no. 13:38-41 '61.
New antibiotically active soil fungus Penicillium lilani Kamyshko, O. P. Kamyshko. Bot. mat. Otd. spor. rast. 15:86-88 Ja '62.
Suitableness of Penicillium mycelium for feeding poultry and swine. Kh. S. Goreglliad. Trudy NIVI 1, 232-239 '60

PENSIONERS see subdivision under Krasnodar Territory

PENSIONERS—EMPLOYMENT
(see also subdivision under Moscow)
Our community workers. Sots. obesp. 23 no. 10:1-4 O '62.

PENSIONS
(see also subdivision under Chita Province, Chuvashia, Great Britain, Kirov Province, Lipetsk Province; Moscow, Taganrog)
Follow-up on unpublished letters. Sots. obesp. 23 no. 1:50 O '62.
How would you decide? Sots. obesp. 23 no. 10:59-61 O '62.
Inattention or.... S. Smirnov. Sots. obesp. 23 no. 10:16-20 O '62.
Questions and answers. Sots. obesp. 23 no. 10:58-59 O '62.
Supplement to pensions. O. Vinogradova. Sots. obesp. 23 no. 10:51-58 O '62.

PENTOXYL
Effect of pentoxyl on immunological indices in irradiated animals following immunization with typhoid bacteria [with summary in English]. E. A. Gurkova. Zhur. mikrobiol., epid. i immun. 33 no. 8:52-57 Ag '62.

PENTYNE
Mechanism of hydrogenation of n. pentynes and n. hexynes on a skeletal nickel catalyst. L. Kh. Freidlin, IU. IU. Kaup. Izv. AN SSSR. Otd. khim. nauk no. 9:1660-1663 S '62.

PENZA—EMBANKMENTS
Embankment of the Suna River in Penza. I. Kolbnover, Sh. Lapin. Zhil.-kom. khoz. 12 no. 5:33 My '62.

PENZA—TAILORS
Customers are the judges. G. Skoblov. Mast. prom. i khud. promys. 3 no. 8:27 Ag '62.

PENZA GOVERNMENT—REVOLUTION, 1917-1921
Morozov, V. F. [The Penza Organization of Bolsheviks in the preparation for and execution of the Great October Socialist Revolution; March-October, 1917] Penzenskaia organizatsiia bol'shevikov v period podgotovki i provedeniia Velikoi Oktiabr'skoi sotsialisticheskoi revoliutsii; mart - oktiabr' 1917 goda. [Penza] Penzenskoe knizhnoe izd-vo, 1959. 46 p. (Bibliotechka po istorii Penzenskoi organizatsii KPSS)
(NNC)
Sytov, L. G. [The Penza organization of the RKP(b) [Russian Communist Party (Bolshevik)] during the period of military intervention and civil war, summer of 1918 to 1920] Penzenskaia organizatsiia RKP(b) v period voennoi interventsii i grazhdanskoi voiny, leto 1918 g. - 1920 g. [Penza] Penzenskoe knizhnoe izd-vo, 1960. 61 p. (Bibliotechka po istorii Penzenskoi organizatsii KPSS)
(MH)
V. I. Lenin's correspondence with the Penza Government Bolsheviks in 1918. V. F. Morozov. Ist. SSSR 6 no. 4:100-112 Jl-Ag '62.

PENZA GOVERNMENT—RUSSIAN SOCIAL DEMOCRATIC PARTY
Morozov, V. F. [The Penza Organization of Bolsheviks in the preparation for and execution of the Great October Socialist Revolution; March-October, 1917] Penzenskaia organizatsiia bol'shevikov v period podgotovki i provedeniia Velikoi Oktiabr'skoi sotsialisticheskoi revoliutsii; mart - oktiabr' 1917 goda. [Penza] Penzenskoe knizhnoe izd-vo, 1959. 46 p. (Bibliotechka po istorii Penzenskoi organizatsii KPSS)
(NNC)
Sytov, L. G. [The Penza organization of the RKP(b) [Russian Communist Party (Bolshevik)] during the period of military intervention and civil war, summer of 1918 to 1920] Penzenskaia organizatsiia RKP(b) v period voennoi interventsii i grazhdanskoi voiny, leto 1918 g. - 1920 g. [Penza] Penzenskoe knizhnoe izd-vo, 1960. 61 p. (Bibliotechka po istorii Penzenskoi organizatsii KPSS)
(MH)

PEOPLE'S DEMOCRACIES
The alliance of the working class and the peasantry in national-liberation revolutions [with summary in English, p 231]. G. F. Kim. Nar. Az. i Afr. no. 5:3-12 '62.
The people's democratic state [with English summary in insert]. G. Kim. Az. i Afr. seg. no. 10:2-5 O '62

PEPTIC ULCER
Clinical aspects of peptic ulcer of the duodenum and stomach in children. M. D. Kurbatova. Pediatriia no. 8:36-41 '62.
Combined gastric resection in peptic ulcer [with summary in English]. V. T. Natsvin. Sov. med. 26 no. 8:56-60 Ag '62.
Features of the clinical picture and secretory function of the stomach in patients with peptic ulcer in relation to the varying localization of the ulcer. S. M. Ryss. Vest. AMN SSSR 17 no. 7:11-17 '62.
Functional state of the cardiovascular system in peptic ulcer of the stomach and duodenum and the changes in it under the influence of health resort treatment. B. N. Papkov, L. M. Komissarova. Uch. zap. Pyat. gos. nauch.-issl. balneol. inst. 3:107-116 '60.
Penetration of a gastric ulcer into the heart. D. D. Savchenko. Khirurgiia no. 9:132-134 '62.
Perforating ulcer of the stomach and duodenum in elderly persons [with summary in English]. IU. V. Astrozhnikov. Sov. med. 26 no. 8:48-52 Ag '62.
Ways for improving the late results in the treatment of perforating ulcers of the stomach and duodenum [with summary in English]. D. V. Usov. Sov. med. 26 no. 8:119-123 Ag '62.

PERCEPTION
Analysis of the systemic structure of perception. Report No. 10. Experimental formation of differential sensivity to vibration. A. IA. Chizmak. Dokl. APN no. 3:103-106 '62.
Figure-ground discrimination by preschool children. Report No. 3. Differentiating form in the process of construction. V. P. Sokhina. Dokl. APN no. 3:91-94 '62.
Stochastic theory of perception. Report No. 7. Specific aspects of the reduction of the amount of tactile perception required to identify letter pattern. L. Arana, L. N. Sokolov. Dokl. APN no. 3:77-81 '62.

PERCOLATION
Evaluating some approximate solutions of problems of nonstationary percolation. A. M. Pirverdian. Izv. AN SSSR. Otd. tekh. nauk. Mekh. i mashinostr. no. 5:46-50 S-O '62.

PEREVOZSKIY DISTRICT—COLLECTIVE FARMS—ACCOUNTING
Most important potential for reducing the costs of production. K. P. Novikov. Uchet i fin. v kolkhoz i sovkhoz. 18 no. 9:48-51 S '62.

PERFUSION PUMP (HEART)
Artificial circulation in surgery of the heart and large vessels. F. V. Baliuzek and others. Grud. khir. no. 4:33-38 Jl-Ag '62.
Surgery using an apparatus for extracorporeal circulation [with summary in English]. K. Šilář and others. Khirurgiia no. 9:18-22 '62.
Surgery with artificial circulation in defects of the interventricular septum. L. N. Sidarenko. Khirurgiia no. 9:30-36 '62.

PERIARTERITIS NODOSA
Periarteritis nodosa and scleroderma in children. A. I. Titova, T. M. Golikova. Pediatriia no. 8:40-44 '62.

PERICARDITIS
Hemorrhagic vasculitis with pericarditis and lung lesions of the Hamman-Rich syndrome type. A. M. Pleshkov. Vrach. delo no. 10:143-144 O '62.

PERICARDIUM—ABNORMITIES AND DEFORMITIES
Case of a penetrating wound of the left ventricle of the heart in complete congenital absence of the pericardium. V. V. Goncharenko. Grud. khir. no. 4:103-104 Jl-Ag '62.

PERICARDIUM—TUMORS
Colomic cysts of the pericardium [with summary in English]. A. G. Karavanov, V. M. Volchek, V. G. Zagorodniaia. Khirurgiia no. 9:44-48 '62.

PERIODIC DISEASE
So-called periodic disease. V. A. Astvatsatrian, L. A. Makhonova. Pediatriia no. 8:85-87 '62.

PERIODIC FUNCTIONS see Functions, Periodic

PERIODIC LAW
At the Kharkov section of the Mendeleev All-Union Chemical Society (seminar on general chemistry). B. I. Krech. Zhur. VKHO 7 no. 5:576 '62.

PERIODICALS—CIRCULATION see Newspaper and periodical circulation

PERIODICITY
Daily rhythm of the mitotic activity of the exocrine epithelium of the rat pancreas [with summary in English]. I. V. Markelova. Biul. eksp. biol. i med. 53 no. 6:74-77 Je '62.
Periodic fluctuations of the intragastric temperature and the periodic motor function of the empty stomach in true gastric achylia [with summary in English]. A. I. Kravchenko. Vrach. delo no. 10:91-95 O '62.

PERIODONTIA
Change in the mucopolysaccharides in the tissues of the parodontium during the early days of the orthodontic transposition of the teeth; Report No. 2. E. IA. Vares, O. N. Zoshchuk. Trudy Nauch.-issl. inst. stom. no. 10:183-186 '62.

PERIODONTIA (Continued)

Succession of morphological changes in the tissues of the parodontium during the orthodontic transposition of the teeth using a constantly acting force. Report No. 1. O.N. Zoshchuk. Trudy Nauch.-issl. inst. stom. no. 10: 170-182 '62.

PERIODONTOLOGY see Periodontia

PERLITE (MINERAL)

Russia (1923- U.S.S.R.) Ministerstvo geologii i okhrany nedr. [Perlite and vermiculite, geology, prospecting methods, and technology] Perlit i vermikulit, geologiia, metodika razvedki i tekhnologiia. Moskva, Gosgeoltekhizdat, 1962. 122 p.

PERM—PHYSICIANS

Outstanding doctors in Perm. P.E. Zabludovskii. Zdrav. Ros. Feder. 6 no. 9: 36-37 S '62.

PERM—RESTAURANTS, LUNCHROOMS, ETC.—EQUIPMENT AND SUPPLIES

Here equipment for restaurants is made. Obshchestv. pit. no. 7: 4 Jl '62.

PERM PROVINCE—COLLECTIVE FARMS—MANAGEMENT

Brigades with over-all mechanization are a progressive form of work organization on collective farms. Iu. Fomichev, V. Zhuzhgov. Ekon. sel'khoz. 33 no. 8: 81-88 S '62.

PERM PROVINCE—DEMOGRAPHY

Dynamics of the basic sanitary and demographic indices for Perm Province. P.N. Voronova. Zdrav. Ros. Feder. 6 no. 9: 10-13 S '62

PERM PROVINCE—TICKS

Geographical variation of the numerical dynamics of Ixodes persulcatus. G.N. Simkin. Biul. MOIP. Otd. biol. 67 no. 4: 145-148 Jl-Ag '62.

PERMAFROST see Frozen ground

PERMALLOY—ELECTRIC PROPERTIES

Mishkevich, R.I. [High temperature oxidation of permalloy in air] Termookislenie permalloia na vozdukhe. Leningrad, 1962. 26 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia Metallovedenie i termicheskaia obrabotka, no. 4)

PEROVO—RAILROADS—HUMP YARDS

Ivannikov, G.S., and I.I. Kokoulin. [Efficient utilization of switching locomotives, experience of the Perovo Station] Effektivnoe ispol'zovanie manevrovykh lokomotivov; opyt stantsii Perovo. Moskva, Transzheldorizdat, 1962. 25 p.

PEROVSKITE—MAGNETIC PROPERTIES

Antiferromagnetic properties of some perovskites [with summary in English]. G.A. Smolenskii and others. Zhur. eksp. i teor. fiz. 43 no. 3: 877-880 '62

PEROXYDISULFATES

Using electrochemical persulfate reduction for the initiation of polymerization reaction. E.M. Skobets, G.S. Nestiuk. Dokl. AN SSSR 146 no. 5: 1125-1127 O '62.

PERPETUAL MOTION

2×2=5. V. Berezin. Iun. tekh. 7 no. 10: 69-72 O '62.

PERSIA see Iran

PERSIAN LANGUAGE—GRAMMAR

Kasaev, A.M., and N.N. Tomas. [Textbook of the Persian language] Uchebnik persidskogo iazyka. Izd. 2., ispr. i dop. Moskva, Izd-vo Mosk. in-t vostokovedeniia, 1945-1946. 2 v. in 1.

(MiU) [PHOTOCOPY]

PERSONALITY—[illegible]

Liu I-ch'en, and I.T. Todorov. [Integral representation of the vertex part in perturbation theory] Integral'noe predstavlenie vershinnoi chasti v teorii vozmushchenii. Dubna, Ob"edinennyi in-t iadernykh issl., 1962. 6 p.

Logunov, A.A., and others. [Dispersion relations and analytic properties of partial amplitudes in the perturbation theory] Dispersionnye sootnoshenitia i analiticheskie svoistva partsial'nykh amplitud v teorii vozmushchenii. Dubna, Ob"edinennyi in-t iadernykh issl., 1962. 31 p.

PESTICIDES

Use of chlorinated terpenes in the control of pests of agricultural crops. V.A. Sanin. Khim. prom. [Ukr.] no. 1: 31-36 Ja-Mr '62.

PETER I, THE GREAT, 1672-1725

"Peter the Great, Emperor of all Russia" [in English] by Ian Grey. Reviewed by IA.E. Vodarskii. Ist. SSSR 6 no. 4: 203-208 Jl-Ag '62.

PETRIKOV DISTRICT—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

A propaganda group of a state farm "section." N. Blishch. Blok. agit. [Bel.] no. 25: 31-35 S '59.

PETROGLYPHS

"The search for the Tassili frescoes" by Henry Lhote. I.N. Lobachev. Priroda 51 no. 10: 124-125 O '62.

PETROLEUM see subdivision under Turkmenistan

PETROLEUM—PIPELINES

A petroleum pipeline is crossing the borderlines. Blok. agit. [Bel.] no. 4: 37-38 F '60.

Zimin, A.A. [Hydraulic calculations for petroleum products pipelines and pumping stations, a reference manual] Gidravlicheskie raschety nefteproduktoprovodov i nasosnykh stantsii, spravochnik. Moskva, Gostoptekhizdat, 1962. 108 p.

PETROLEUM—REFINERIES see subdivision under United States

PETROLEUM—REFINING

Effect of electrical parameters on oil refining in a high-potential field. Z.E. Aliev and others. Trudy ENIN AN Azerb. SSR 15: 46-52 '62.

Luk'ianov, P.I. and A.G. Basistov. [Pyrolysis of crude petroleum products] Piroliz neftianogo syr'ia, resursy neftekhimii. Moskva, Gostoptekhizdat, 1962. 273 p.

PETROLEUM—TRANSPORTATION see subdivision under Baku

PETROLEUM AS FUEL

Chemical composition of the fuel oils in Romashkino Region petroleum. N.A. Davtian. Trudy IGI 17: 220-231 '62.

This is how we strive to achieve economy in the expenditure of diesel fuel. E.I. Monakhov. Liok. i tepl. tiaga 6 no. 9: 12-11 S '62.

PETROLEUM GEOLOGY

(see also subdivision under Ararat Plain; Ashchisor Depression, Asia, Southeastern, Bashkiria, Caspian Lowland, Daghestan, Mugodzhar Hills region; Near East; Sabo region, Siberia, Eastern, Uzbekistan, Volga-Ural region)

Neruchev, S.G. [Oil-producing layers and oil migration, results of studying organic matter in sedimentary rocks] Neftenroizvodiashchie svity i migratsiia nefti; rezul'taty izucheniia organicheskogo veshchestva osadochnykh porod. Leningrad, Gostoptekhizdat, 1962. 223 p.

Problems concerning displacement of the oil pool outline and flooding of boreholes in a macroscopically inhomogeneous stratum. K.N. Dzhalilov. Izv. AN Azerb. SSR. Ser. fiz.-mat. i tekh. nauk no. 2: 89-94 '62.

PETROLEUM INDUSTRY see subdivision under Baku; Cambay, India, Groznyy Province, Near East

PETROLEUM INDUSTRY—EQUIPMENT AND SUPPLIES

Pol'skii, S.M. [New flowmeters and consumption meters in the petroleum and petrochemical industries abroad] Novye zhidkostnye schetchiki i raskhodomery v neftianoi neftekhimicheskoi promyshlennosti za rubezhom. Moskva, Gostoptekhizdat, 1962. 76 p.

PETROLEUM INDUSTRY—PRODUCTION STANDARDS

Production instruction on establishing technical standards. N. Serebrinkov, A. Smirnov. Sots. trud 7 no. 10: 81-85 O '62.

PETROLEUM PRODUCTS

Coke formation on an alumina-molybdenum oxide catalyst in the course of high temperature hydrogenation. A.V. Lozovoi, T.I. Markina, S.V. Seniavin. Trudy IGI 17: 235-245 '62.

Preparation of higher normal α-olefins by the high-speed cracking of paraffin petroleum products. K.P. Lavrovskii and others. Neftekhimiia 2 no. 4: 487-494 Jl-Ag '62.

Production of maleic anhydride from petroleum gases. IU.D. Kernos, B.L. Moldavskii. Neftekhimiia 2 no. 4: 519-523 Jl-Ag '62.

[illegible] effects of petroleum by-products in soils [illegible] sical and mechanical properties. A.I. [illegible] IIN AN Azerb. SSR 15: 5-12 '62.

[illegible] chniques in the automatic control of [illegible] parameters of petroleum products [in Azerbaijani with summary in Russian]. M.A. Topchubashov, I.A. Mammedov. Trudy ENIN AN Azerb. SSR 15: 155-165 '62.

PETROLEUM PRODUCTS—STORAGE

Construction of mazut storage reservoirs. F.K. Sokolenko. Sakh. prom. 36 no. 10: 65 O '62.

PETROLEUM WASTE

Use of the centrifugal method for petroleum recovery from petroleum impregnated briquet crumbs. V.S. Kaminskii, A.V. Shlaq. Obog. i brik. ugl. no. 24: 36-44 '62.

PETROLEUM WORKERS—EDUCATION AND TRAINING

Production instruction on establishing technical standards. N. Serebrinkov, A. Smirnov. Sots. trud 7 no. 10: 81-85 O '62.

PETROLOGY

(see also subdivision under Caucasus; Crimea; Selennyakh Range; Soviet Far East; Stanovoy Range; Tatar A.S.S.R.; Ural Mountains)

Meeting of the Petrographic Group of the Institute of the Geology of Ore Deposits, Petrology, Mineralogy, and Geochemistry of the Academy of Sciences of the U.S.S.R. E.K. Ustiev. Izv. AN SSSR Ser. geol. no. 10: 126-127 O '62.

Zubkov, V.V. [Brief course in general petrography] Kratkii kurs obshchei petrografii. 3 izd., perer. i dop. Moskva, Gosgeoltekhizdat, 1962. 237 p.

PETROVSKIY DISTRICT (STAVROPOL TERRITORY)—AGRICULTURAL CREDIT

Working capital and supplying credit to collective farms. P.K. Shevchenko. Uchet i fin. v kolkhoz. i sovkhoz. 19 no. 9: 42-44 S '62.

PETROVSKIY DISTRICT (STAVROPOL TERRITORY)—COLLECTIVE FARMS—FINANCE

Working capital and supplying credit to collective farms. P.K. Shevchenko. Uchet i fin. v kolkhoz. i sovkhoz. 19 no. 9: 42-44 S '62.

PHAGOCYTOSIS

Change in the permeability of the hemato-encephalic barrier and the phagocytosis of the leucocytes in tuberculous phrenics under the influence of insulin therapy. I.I. Romel'. Trudy Gos. nauch.-issl. inst. psikh. 27: 204-211 '61.

Effect of dibazole on phagocytosis and the function of the reticuloendothelial system [with summary in English] A.M. Kapitanenko. Zhur. mikrobiol., epid. i immun. 33 no. 8: 69-73 Ag '62.

Experimental study of the phagocytic apparatus of the wall of the appendix in the rabbit [with summary in English]. S.M. Sobolev. Biul. eksp. biol. i med. 53 no. 6: 91-95 Je '62.

"Phagocytic activity of the leucocytes in the blood in various injuries" by V.M. Zdanovich. Reviewed by G. Frenkel'. Vop. klin. i patog. i klektrotrav. 1: 301-301. '61.

Phagocytic reflex in schizophrenia and its change under the influence of insulin therapy and caffeine. M.I. Vorob'ev. Trudy Gos. nauch.-issl. inst. psikh. 27: 212-217 '61.

State of the humoral factors of nervous excitation and phagocytic activity of the leucocytes in chronic tonsillitis in children [with summary in English]. R.A. Kaliuzhnaia, T.S. Krasavina. Pediatriia no. 8: 51-61 '62.

PHARMACOLOGY—EQUIPMENT AND SUPPLIES

Simplified modification of the Sitkovskii-Egorov device. M.V. Korablev. Zdrav. Bel. 8 no. 5: 60-61 My '62

PHARYNX—DISEASES

Histomorphology of the neural apparatus of the soft palate in toxic diphtheria of the pharynx. V.M. Imran. Zdrav. Bel. 8 no. 5: 14-16 My '62.

PHASE RULE AND EQUILIBRIUM

Effect of impurities on polymorphic transformations in lead. N.L. Pokrovskii, N.F. Dylmovs, V.V. Kirichenko. Fiz. met. i metalloved. 14 no. 4: 564-568 O '62.

Equilibrium diagram of the system cobalt - chromium - titanium. E.K. Zakharov, B.G. Livshits. Izv. AN SSSR. Otd. tekh. nauk. Met. i topl. no. 5: 143-150 S-O '62.

Equilibrium in the system As_2O_3-H_2O-H_2SO_4. G.K. Distanov. Uch. zap. Biol.-pochv. fak. Kir. un. no. 7: 185-188 '58.

Investigating β-phase transformations in the copper - beryllium system. M.I. Zakharova, F.M. Ansonov. Fiz. met. i metalloved. 14 no. 4: 550-563 O '62.

Investigating the phase composition of certain multilayer facings. K.V. Bagrianskii, V.N. Kal'ianov. Svar. proizv. no. 10: 9-12 O '62.

Kinetics of cementite decomposition. V.A. Grigorian and others. Izv. AN SSSR. Otd. tekh. nauk. Met. i topl. no. 5: 159-162 S-O '62.

Phase constitution of the diffusion layer on boron-saturated nickel. S.B. Maslenkov, D.N. Zhukova. Fiz. met. i metalloved. 14 no. 4: 638-640 O '62.

Phase equilibria in the system $NaBH_4$ - NH_3. G.A. Egorenko, IA.I. Vaberi, I.S. Antonov. Zhur. neorg. khim. 7 no. 10: 2419-2425 O '62.

Phase transformations in the system iron - zinc - copper during condenser discharge welding. N.G. Shul'ga, L.V. Gal'chinskii. Izv. vys. ucheb. zav.; chern. met. 5 no. 9: 180-187 '62.

PHENANTHRENE

Ozonolysis of a low-grade technical phenanthrene. Preparation of 3,8-dimethoxy-4,5,6,7-dibenzo-1,2-dioxocyclooctane and 2'-formyldiphenyl-2-carboxylic acid. L.P. Kulev and others. Zhur. VKHO 7 no. 5: 599-600 '62.

PHENOL

Hydrogenation of individual compounds of phenol oil formed in the synthesis of phenol by the cumene method. A.B. Vol'-Epshtein, M.N. Zharova, V.V. Surovtseva. Trudy IGI 17: 262-268 '62.

Inhibitors of free radical reactions. Report No. 3: Formylation of 2,6-dialkylphenols. G.A. Nikiforov and others. Izv. AN SSSR. Otd. khim. nauk no. 10: 1836-1838 O '62.

Reaction of phenol with methylacetylene in the presence of boron fluoride compounds. D.A. Novoklatka, A.A. Glushkova, N.M. Chotverikova. Zhur. VKHO 7 no. 5: 586 '62.

PHENOL CONDENSATION PRODUCTS

Preparation of "diphenols" on the basis of acetylenic hydrocarbons. V. L. Vaiser, V. D. Riabov. Neftekhimiia 2 no. 4 577-584 Jl-Ag '62

Yield and composition of light phenols obtained from a mean-temperature brown coal tar and their utilization. N. M. Karavaev and others. Trudy IGI 17 145-151 '62.

PHENOLS

Tetraethylenamides of diphosphoric esters of some diatomic phenols. L. D. Protsenko, K. A. Kornev. Ukr. khim. zhur. 28 no. 6, 719-720 '62.

Transformation of phenols in wilt-infected cotton plants [with summary in English]. G. IA. Gubanov. Fiziol. rast. 9 no. 5-614-619 '62.

PHENOLS—PHYSIOLOGICAL EFFECT

Kinetic characteristics of the inhibition of protein biosynthesis in cancer cells treated with alkyl phenols and chloramphenicol. G. V. Kukushkina, L. B. Gorbacheva, N. M. Emanuel'. Dokl. AN SSSR 146 no. 5 1206-1208 O '62.

PHENOLS IN THE BODY

Effect of rutin preparations on the excretion of phenol substances in the urine [with summary in English]. Biul. eksp. biol. i med. 53 no. 6 36-39 Je '62.

PHENOTHIAZINE

Clinical testing of chloractzine in coronary disease [with summary in English]. R. S. Ivanov. Uch. zap. Inst. farm. i khimioter. AMN SSSR 2-252-264 '60.

Effect of neuroplegic substances on chemoreception [with summary in English]. IU. I. Vikhliaev. Uch. zap. Inst. farm. i khimioter. AMN SSSR 2 114-120 '60.

Treatment of angina pectoris seizures with chloracizine [with summary in English]. F. E. Ostapiuk. Uch. zap. Inst. farm. i khimioter. AMN SSSR 2-265-275 '60.

Treatment of angina pectoris with a new spasmolytic drug chloracizine [with summary in English]. N. A. Rekhtzamer. Uch. zap. Inst. farm. i khimioter. AMN SSSR 2 276-282 '60.

Use of chloracizine in chronic coronary insufficiency [with summary in English]. S. S. Milovidova. Uch. zap. Inst. farm. i khimioter. AMN SSSR 2:283-287 '60.

PHILIPPINES—ECONOMIC CONDITIONS

"American capital in the Philippines" and "Philippines, economic outline" by N. A. Savel'ev. Reviewed by O. G. Baryshnikova. Nar. Az. i Afr. no. 5 177-178 '62.

PHILIPPINES—POLITICS AND GOVERNMENT

"The government of the Republic of the Philippines" [in English] by Primo L. Tongko. Reviewed by A. Orlov. Mezhdunar. zhizn' 9 no. 11:131-133 N '62.

PHILIPPINES INVESTMENTS, AMERICA

"American capital in the Philippines" and "Philippines, economic outline" by N. A. Savel'ev. Reviewed by O. G. Baryshnikova. Nar. Az. i Afr. no. 5 177-178 '62

PHILOSOPHY

Baskin, M. P. [Crisis of bourgeois consciousness; the bankruptcy of individualism] Krizis burzhuaznogo soznaniia, individualizm i ego krakh. Moskva, Izd-vo Akad. nauk SSSR, 1962. 302 p.

"Introduction to the history of philosophy" by A. D. Makarov. Reviewed by A. F. Okulov. Vop. filos. 16 no. 10, 160-162 '62.

Problem of the ideal in philosophy. E. V. Il'enkov. Vop. filos. 16 no. 10, 118-129 '62.

PHILOSOPHY—BIBLIOGRAPHY see Bibliography—Philosophy

PHILOSOPHY—PERIODICALS

Dear readers! Vop. filos. 16 no. 10:178 '62.

PHILOSOPHY—RESEARCH

New highly qualified scholars. Vop. filos. 16 no. 10: 133-133 '62.

PHILOSOPHY—STUDY AND TEACHING

Moscow. Akademiia obshchestvennykh nauk. [Course outline on the fundamentals of philosophical knowledge for groups within the system of party education] Programa vyvchennia osnov filosofs'kykh znan' dlia hurtkiv systemy partiinoi osvity. Kyiv, Derzhpolitvydav URSR, 1962. 17 p.

PHILOSOPHY AND RELIGION

Zhuravlev, L. A. [Neopositivism in the service of religion] Neopozitivizm na sluzhbe religii; posobie dlia studentov filosofskikh fakul'tetov gosudarstvennykh universitetov. [Moskva] Izd-vo Mosk. univ. 1962. 55 p.

PHILOSOPHY, MOLDAVIAN

Brief news. F. Z. Koval'chuk. Vop. filos. 16 no. 10: 149 '62.

PHONETICS

Duke l'skii, N. I. [Principles of the segmentation of speech flow] Printsipy segmentatsii rechevogo potoka. Moskva, Izd-vo Akad. nauk SSSR, 1962. 136 p.

PHONOGRAPH

The "Kontsertnyi-2" electric phonograph. Radio no. 10: 64, 3 of cover O '62.

The "Volga" radio-phonograph combination. B. Okhlopkov. Radio no. 10:29-31 O '62.

PHOSPHATASE

Change in the activity of phosphomonoesterases related to the preservation of the homogenate [in Armenian with summary in Russian]. G. T. Adamts, L. V. Sarkisian. Izv. AN Arm. SSR, Biol. nauki 15 no. 7-13-22 Jl '62.

PHOSPHATE INDUSTRY—BY-PRODUCTS

Production of feed phosphates. S. I. Volfkovich, A. A. Ionass, R. E. Temen. Zhur. VKHO 7 no. 5 524-528 '62.

PHOSPHATES

Magnesium-ammonium phosphate as a complex fertilizer. T. D. Koritskaia, R. E. Remen. Zhur. VKHO 7 no. 5: 520-523 '62.

Methods without drying used in manufacturing granulated superphosphates. E. D. Zusser. Zhur. VKHO 7 no. 5: 530-531 '62.

Recent developments in the technology of complex fertilizers using the nitric acid treatment of phosphates. F. G. Margolis, T. V. Glazova, A. I. Sverdlova. Zhur. VKHO 7 no. 5, 507-512 '62.

Row placement of superphosphate for hemp. M. D. Khanin. Trudy Vses. nauch.-issl. inst. lub. kul't. no. 24, 97-108 '59.

PHOSPHINAMIDIC ACID

Problem of tautomerism of N-acylamidophosphates and N-acylamidophosphinates. M. I. Kabachnik and others. Izv. AN SSSR Otd. khim. nauk no. 9:1589-1599 S '62.

PHOSPHINE OXIDE

Preparation of a polymer from diphenylbenzylphosphine oxide by polyrecombination reaction. V. V. Korshak, E. S. Krongauz, P. N. Gribkova. Izv. AN SSSR Otd. khim. nauk no. 9, 1638-1644 S '62.

Reactions of vinyldiphenylphosphine oxide. M. I. Kabachnik and others. Izv. AN SSSR Otd. khim. nauk no. 9: 1584-1589 S '62.

PHOSPHINIC ACID

Derivatives of β-ketophosphinic acids. V. L. Foss and others. Dokl. AN SSSR 146 no. 5:1105-1108 O '62.

Interaction of aluminium isopropylate with dialkyl esters of methylphosphinic acid. K. A. Andrianov, A. S. Shapatin. Izv. AN SSSR, Otd. khim. nauk no. 10 1753-1756 O '62

Synthesis of isoprenoid acids from isoprenoid ketones by the action of diethyl ester of carbethoxymethylphosphinic acid. B. G. Kovalev, L. A. IAnovskaia, V. F. Kucherov. Izv. AN SSSR Otd. khim. nauk no. 10:1876-1877 O '62

Synthesis of some esters of α-acetoxy-β, β, β-trichloroethylphosphinic acid. K. V. Nikonorov, V. A. Nikonenko. Izv. AN SSSR Otd. khim. nauk no. 10.1882-1884 O '62.

PHOSPHOMOLYBDIC ACID

Structure of 12-silicotungstate and 12-phosphomolybdate anions in saturated aqueous solutions. A. A. Babad-Zakhrapin, N. S. Gorbunov. Izv. AN SSSR, Otd. khim. nauk no. 10 1670-1671 O '62.

PHOSPHONIC ACID

Extraction of microamounts of cerium from nitric acid solutions with di- and monoisoamyl esters of methylphosphonic acid. F. V. Ukraintsev, N. F. Kashcheev. Radiokhimiia 4 no. 3:279-289 '62.

PHOSPHORAMIDIC ACID

Problem of tautomerism of N-acylamidophosphates and N-acylamidophosphinates. M. I. Kabachnik and others. Izv. AN SSSR. Otd. khim. nauk no. 9:1589-1599 S '62.

PHOSPHORESCENCE

Phosphorescence of naphthalene and some of its derivatives at the temperature of liquid oxygen. B. A. Plotnitskii and others. Izv. vys. uch. zav., fiz. 3:41-44 '62.

PHOSPHORIC ACID

Electrochemical method for preparing trialkyl phosphates. S. L. Varshavskii, A. P. Tomilov, IU. D. Smirnov. Zhur. VKHO 7 no. 5:598-599 '62.

Production of phosphoric acid and concentrated fertilizers based on the electrothermal treatment of phosphates. N. N. Postnikov, M. G. Frenkel'. Zhur. VKHO 7 no. 5:500-506 '62.

Reaction of gallium phosphate with phosphoric acid. I. V. Tananaev, N. N. Chudinova. Zhur. neorg. khim. 7 no. 10:2287-2289 O '62.

PHOSPHORITE see subdivision under Siberian Platform

PHOSPHORODITHIOIC ACID

Addition of diethyldithiophosphoric acid to vinylaryl sulfides and vinyl ethers. E. N. Prilezhaeva, L. V. TSymbal, M. F. Shostakovskii. Izv. AN SSSR, Otd. khim. nauk no. 9, 1678-1681 S '62.

PHOSPHORODITHIOIC ACID—SPECTRA

Contours, integral and peak intensities of valence vibrations bands of the P-S bond. A. F. Vasil'ev. Izv. AN SSSR, Ser. fiz. no. 10:1278-1282 O '62.

PHOSPHOROUS ACID

Ethylene amides of glycolphosphorous acids. N. P. Grechkin, L. N. Grishina. Dokl. AN SSSR 146 no. 6:1333-1334 O '62.

PHOSPHORS

Determining the copper concentration in NaCl-Cu phosphors by spectrum analysis. A. S. Sambucova. Izv. vys. uch. zav., fiz. 3 79-81 '62.

PHOSPHORUS

Effect of phosphorous supplements on milk productivity in cows. P. M. Kondratenko. Visnyk sil'hosp. nauky 5 no. 9:71-76 S '62.

PHOSPHORUS—ISOTOPES

Attempt to apply P32 to the study of the competition between roots and regrowth of trees in forests of the southern taiga. V. G. Karpov. Dokl. AN SSSR 146 no. 3:717-719 S '62

Chemical identification of phosphorus and thallium in quantitative neutron activation analysis. P. A. Isaeva and others. Radiokhimiia 4 no. 3:345-350 '62.

Use of radioactive phosphorus (P^{32}) for studying the body reactivity of healthy and tuberculosis infected chickens. R. V. Tuzova, N. A. Troitskii, A. A. Kotel'nikov. Trudy NIVI 1 44-47 '60.

Use of [illegible]opes P32 and N[illegible] in the agricultural chem[illegible]. A. V. Sokolov, F. V. Turchin. Zhur. VKHO 7 no. 5 489-494 '62.

PHOSPHORUS—TOXICOLOGY

Phosphorus burn. V. I. Golubinskii. Vest. khir. 89 no. 8-74-75 Ag '62.

PHOSPHORUS BACTERIA see Bacteria, Phosphorus

PHOSPHORUS IN SOILS see Soils—Phosphorus content

PHOSPHORUS METABOLISM

Composition and carbohydrate-phosphorus metabolism of the heart muscle under medication sleep [with summary in English]. L. A. TSeitlin. Uch. zap. Inst. farm. i khimioter. AMN SSSR 2-197-211 '60.

PHOSPHORUS ORGANIC COMPOUNDS

Gar, K. A., and B. IA. Kiptani. [Studying the penetration and remains of phosphorus organic insecticides in plants with the aid of radioactive isotopes] Izuchenie s pomoshch'iu radioaktivnykh izotopov proniknoveniia i ostatkov fosforoorganicheskikh insektitsidov v rasteniiakh. Moskva, 1955. 35 p. (Doklady, predstavlennye SSSR na Mezhdunarodnuiu konferentsiiu po mirnomu ispol'zovaniiu atomnoi energii)

Organophosphorus monomers. M. I. Kabachnik and others. Neftekhimiia 2 no. 4-639-651 Jl-Ag '62

Synthesis of unsaturated phosphoroorganosilicon compounds of the siloxane series. K. A. Andrianov, A. K. Dabagova, I. K. Kuznetsova. Izv. AN SSSR, Otd. khim. nauk no. 9 1664-1668 S '62.

PHOSPHORYLATION

Effect of papaverine on oxidative phosphorylation in the tissues of the heart muscle [with summary in English]. E. P. Chetverikova. Uch. zap. Inst. farm. i khimioter. AMN SSSR 2-212-222 '60.

Role of the processes of anaerobic and oxidative phosphorylation in the protective functions of the body. S. E. Severin. Vest. AMN SSSR 17 no. 5:93-101 '62.

PHOTOCHEMISTRY

Formation of amino acids by the photochemical method with the use of various substances containing carbon in the presence of nickel as catalyst. Krishna Bahadur, Radzhendra Bahadur Srivastava. Izv. AN SSSR, Otd. khim. nauk no. 9:1608-1611 S '62

Photocatalytic activity of anatase and rutile. A. V. Pomilov, R. IA. Mushkii, IA. S. Mazurkevich. Ukr. khim. zhur. 28 no. 5 589-594 '62.

Quantum yields of iodine photodissociation in solutions. A. V. Savitskii, IA. K. Syrkin. Dokl. AN SSSR 146 no. 3: 649-651 S '62.

PHOTOELASTIC METHOD see Photoelasticity

PHOTOELASTICITY

Photoelastic method of modeling the stress state of a drill end a rock. G. L. Khesin and others. Gor. zhur. no. 10-30-35 O '62.

Proskuriakov, V. B. [Using the method of photoelasticity in solving engineering problems] Ispol'zovanie metoda fotouprugosti pri reshenii inzhenernykh zadach. Moskva, Gosenergoizdat, 1962. 47 p. [MICROFILM]

PHOTOELECTRIC CELLS

Grinshtein, M. M. [Photoresistances and their use in industrial automatic control devices] Fotosoprotivleniia v priborakh promyshlennoi avtomatiki. Moskva, Gosenergoizdat, 1962. 76 p. (Biblioteka po avtomatike, no. 49) [MICROFILM]

PHOTOELECTRIC MULTIPLIERS—TESTING

Fatigue characteristics of an electron photomultiplier operating under average current conditions. V. M. Karpov. Zav. lab. 28 no. 10:1256-1257 '62.

PHOTOELECTRICITY

Angular distribution of photoelectrons from the K-shell [with summary in English]. V. G. Gorshkov, A. I. Mikhailov. Zhur. eksp. i teor. fiz. 43 no. 3:991-1004 '62.

PHOTOELECTRICITY (Continued)

Effect of the path length of electrons emerging from the depth of an antimony-cesium cathode on the nature of their energy distribution. G.A.Zheludeva, Vest. Mosk.un.Ser.3 Fiz., astr. 17 no.5:3-9 S-O '62.

Gamma- and photoelectric properties of cadmium sulfide. P.G.Litovchenko, V.I.Ustianov. Fiz.tver.tela 4 no.4 1050-1052 Ap '62.

Improving the characteristics of an optical analyzer by the use of a dielectric photoeffect. S.M.Sutovskii, L.v.vys.ucheb.zav., tsvet.met. 5 no.5:156-160 '62.

Light-induced signals of electron paramagnetic resonance in organic dye crystals. V.E.Kholmogorov, A.N.Teremin. Dokl.AN SSSR 146 no.3 652-655 S '62.

Mechanism of increasing electroconductivity in zinc oxide under illumination. G.A.Korsunovskii. Fiz. tver.tela 4 no.4,968-971 Ap '62.

PHOTOENGRAVING—HALFTONE PROCESS

Reproduction of highly artistic and facsimile editions. E.Kazakov and others. Poligr.proizv. no.10:12-14 O '62.

PHOTOGRAPHIC SURVEYING see subdivision under Elbrus, Mount

PHOTOGRAPHY—DEVELOPING AND DEVELOPERS

Improving the formulas of developers for the processing of negatives of a rerecording on the ZT-7 film. A.E. Zinov'eva. Tekh.kino i telev. 6 no.9 71-72 S '62.

PHOTOGRAPHY—EQUIPMENT AND SUPPLIES

[Photographic and motion-picture equipment and optical instruments] Ref.zhur.Otd.vyp.46. Foto-kinoapp.i opt. prib. nos.20-22 O-N '62.

Photolaboratory in a box. S.Vetsrub. Nauka i zhizn' 29 no.9:104-105 S '62.

PHOTOGRAPHY—PAPERS see Photography—Printing papers

PHOTOGRAPHY—PRINTING PAPERS

Television method of quality control of the production of sensitized photographic materials [with summary in English on p.96]. O.I.Rudzon. Tekh.kino i telev. 6 no.9:51-54 S '62

PHOTOGRAPHY, AERIAL

Digital-analog computer for processing aerial photography prints. V.B.Smolov, A.A.Chigirev. Izv.LETI 59 no.46 50-73 '62

PHOTOGRAPHY, COMMERCIAL

Artist or tradesman? More about portrait photographers. E.Bialyi. Mest.prom.i khud.promys. 3 no.8:24 Ag '62.

PHOTOGRAPHY, PARTICLE TRACK

Rare case of high-energy nuclear interaction with isotropic angular distribution of the secondary particles. [with summary in English]. K.I.Alekseeva and others. Zhur.eksp.i teor.fiz. 43 no.3 783-789 '62.

PHOTOGRAPHY, UNDERWATER

In friendly relations with an aqualung. A.Reznitskogo Vokr.znan. 38 no.10 33 O '62

PHOTOMETRY

Photometric analysis of twilight based on sky brightness measurements in the vertical of the sun. N.B.Divari. Geomag.i aer. 2 no.4,720-731 Jl-Ag '62.

PHOTONS

Fission of U^{238} nuclei by continuous spectrum photons with $E_{\gamma\ max}$ = 35 Mev, and by 14 Mev. neutrons. A.P.Komar, B.A.Bochagov, V.I.Fadeev. Dokl.AN SSSR 146 no.5:1051-1053 O '62

Production of π^+-photomesons at angles of 25°-36° in the energy range of 152-162 Mev. M.I.Adamovich, E.G.Gorzhevskaia, F.R.IAgudina. Zhur.eksp.i teor. fiz. 43 no.3:1113-1118 '62.

PHOTONUCLEAR REACTIONS

Resonance formula for photonuclear reactions. A.V. Bravin. Izv.vys.uch.zav., fiz. 3:14-20 '62.

PHOTOPERIODISM

A day's variations of the amount of assimilation products in the leaves of long-day and short-day plants [with summary in English] V.S.TSybul'ko. Fiziol.rast. 9 no.5:567-574 '62

Effect of a short-day photoperiod on the morphological changes and secondary growth of hemp. V.A.Makarevich. Trudy Vses.nauch.-issl.inst.lub.kul't no.24,157-165 '59.

PHOTOSYNTHESIS

Efficiency of a green leaf. Kh.N.Pochinok, B.I.Guliaev. Nauka i zhizn' 29 no.9:21-23 S '62.

Field apparatus for studying photosynthesis by the method of tagged atoms with the use of radioactive C^{14}. L.A.Shpota. Uch.zap.Biol.-pochv.fak.Kir.un. no.7: 65-76 '58.

PHOTOTELEGRAPHY

[Theoretical principles of electrical transmission of images, television and phototelegraphy] Teoreticheskie osnovy elektricheskoi peredachi izobrazhenii; televidenie i fototelegrafiia. [By] E.L.Orlovskii i dr. Pod obshchei red. A.V.Tarantsova. Moskva, Sovetskoe radio,

Vols.1-2. 1962.

PHTHALAMIDE

Synthesis of polymerizing organometallic compounds of phthalic acid N-vinyl amide and N-(o,p-carboxyphenyl) acryl (methacryl)amides. T.M.Kiseleva, M.M. Koton, G.M.Chetyrkina. Izv.AN SSSR Otd.khim.nauk no.10 1798-1804 O '62

PHTHALIC ANHYDRIDE

Oxidation of naphthalene and monomethylnaphthalene fractions of semicoke-tar aromatic hydrocarbons to phthalic anhydride. A.I.Bionskaia, F.A.Dembovskaia, A.V.Lozovoi. Trudy IGI 17,182-186 '62.

Preparation of phthalic anhydride by the liquid phase oxidation of o-xylene. A.I.Kamneva, L.A. Muzychenko, N.G.Digurov. Neftekhimiia 2 no.4 524-530 Jl-Ag '62.

PHTHALOCYANINE

Synthesis and properties of osmium phthalocyanine. B.D. Berezin, N.I.Sosnikova. Dokl.AN SSSR 146 no.3 601-607 S '62.

PHYLLOXERA

(see also subdivision under Russia, Southern)

Victory over the Phylloxera. Biok.agit.[Gruz.] no.1. 45-46 Ja '60.

PHYSICAL EDUCATION AND TRAINING

(see also subdivision under Tashkent)

Dobrovol'skii, V.K. [It's not too late; the prophylactic role of physical culture and sports] Poka ne pozdno; profilakticheskaia rol' fizicheskoi kul'tury i sporta. Moskva, Izd-vo "Znanie," 1962. 30 p. (Novoe v zhizni, nauke, tekhnike. VIII Seriia Biologiia i meditsina, no.18)

Role of the physical education of children in preventing diseases. A.F.Tur. Vest.AMN SSSR 17 no.5:58-63 '62.

Russia (1917- R.S.F.S.R.) Ministerstvo prosveshcheniia. Programmno-metodicheskoe upravlenie. [Secondary school programs for the 1962-1963 school year; physical education and training] Programmy srednei shkoly na 1962/63 uchebnyi god, fizicheskaia kul'tura. Moskva, Uchpedgiz, 1962. 28 p.

PHYSICAL EDUCATION FOR CHILDREN

Gel'fan, E.M. [Games and exercises for the little and the big, training of children in play] Igry i uprazhneniia dlia malen'kikh i bol'shikh; vospitanie detei v igre. Pod red. L.V.Blagonadezhinoi. Moskva, Izd-vo Akad. pedagog. nauk RSFSR, 1961. 63 p. (Knigi dlia roditelei)

Let's have more contests and more good athletes. A.Bondarev. Prof.-tekh.obr. 19 no.9:23-24 S '62.

Russia (1917- R.S.F.S.R.) Ministerstvo prosveshcheniia. [Programs of the eight-year school; physical education and training] Programmy vos'miletnei shkoly, fizicheskaia kul'tura. Moskva, Uchpedgiz, 1962. 76 p.

PHYSICAL GEOGRAPHY

(see also subdivision under Denmark, Dzhambul Province; Mongolia)

"Physical geography of the parts of the world" by T.V. Vlasova. Reviewed by IU.D.Dmitrievskii. Izv.AN SSSR, Ser.geog. no.5:179-181 S-O '62.

Sheviakov, F.N., and I.I.Zaslavskii. [Physical geography; textbook for the fifth grade of the evening (shift) school] Fizicheskaia geografiia; uchebnoe posobie dlia 5 klassa vechernei (smennoi) shkoly. Moskva, Uchpedgiz, 1962. 135 p.

PHYSICAL METALLURGY

Likhtman, V.I., E.D.Shchukin, and P.A.Rebinder. [Physicochemical mechanics of metals, adsorption phenomena in processes of deformation and metal failure] Fiziko-khimicheskaia mekhanika metallov; adsorbtionnye iavleniia v protsessakh deformatsii i razrusheniia metallov. Moskva, Izd-vo Akad. nauk SSSR, 1962. 302 p.

PHYSICIANS see subdivision under Perm

PHYSICS

"Einstein and the development of physical and mathematical thought," Reviewed by L.I.Storchak. Vest.AN SSSR 32 no.10:116-118 O '62.

"Introduction to physics" by A.I.Kitaigorodskii. Reviewed by G.B.Ravich. Fiz.v shkole 22 no.4:97-98 Jl-Ag '62.

PHYSICS—ABSTRACTS

[Physics] Ref.zhur.: Fiz. Predmetnyi ukazatel' za 1961.

PHYSICS—AUDIO-VISUAL AIDS

From the Administration of the Technical Education Aids Industry. B.P.Kramarov. Fiz.v shkole 22 no.4:110 Jl-Ag '62.

Suggestions and advice. L.E.Kurinnoi, A.M.Khait. Fiz.v shkole 22 no.4:81 Jl-Ag '62.

PHYSICS—DICTIONARIES

[Encyclopedic physics dictionary] Fizicheskii entsiklopedicheskii slovar'. Glav.red. B.A.Vvedenskii i dr. Nauchn.sovet izd-va: A.P.Aleksandrov i dr. Moskva, Gos.nauchn.izd-vo "Sovetskaia entsiklopediia." (Entsiklopedii, slovari, spravochniki)

Vol.2. E - Litii. 1962. 608 p.

PHYSICS—EXPERIMENTS

Conducting laboratory work on physics. V.G.Mukhin. Fiz.v shkole 22 no.4:87-88 Jl-Ag '62.

Demonstrating the characteristics of thermal expansion of water. A.V.Dmitrianov. Fiz.v shkole 22 no.5: 62-63 Jl-Ag '62

Determining the refractive index of a substance. S.I. Kniazev. Fiz.v shkole 22 no.4:64-65 Jl-Ag '62.

Experimental evaluation of the dimensions of molecules. V.D.Shevelkin. Fiz.v shkole 22 no.4,61-62 Jl-Ag '62.

Measuring the pressure inside a liquid. Fiz.v shkole 22 no.4:68 Jl-Ag '62.

Producing sounds of various pitch and timbre. V.V. Alekseev. Fiz.v shkole 22 no.4:63 Jl-Ag '62.

Story of an oil film. Evgenii Orlov. Nauka i zhizn' 29 no.6:110-111 Je '62.

Thermal expansion of air. V.I.Maslovskii. Fiz.v shkole 22 no.4:60 Jl-Ag '62.

PHYSICS—FORMULAE

Elementary deduction of the formula of central forces regulated by the "inverse square" law. E.A.Korchmar. Fiz.v shkole 22 no.4:59-60 Jl-Ag '62.

PHYSICS—PHILOSOPHY

A theoretical conference on philosophical problems in the physics of elementary particles. V.L.Shpurlintov. Vop.filos. 16 no.10 143-148 '62.

PHYSICS—PROBLEMS, EXERCISES, ETC.

Analysis of the development of phenomena in the solution of problems. A.L.Pigorov. Fiz.v shkole 22 no.4, 48-50 Jl-Ag '62.

Problem questions on the mechanics of liquids and gases. I.V.Fomichenko. Fiz.v shkole 22 no.4:93 Jl-Ag '62.

PHYSICS—STUDY AND TEACHING

An electron oscilloscope for lecture demonstrations. B.Sh.Perkal'skis. Izv.vys.uch.zav., fiz. 3:115-118 '62.

Examination of functional relations in the physics course. A.Tazhmagambetov. Fiz.v shkole 22 no.4 46-50 Jl-Ag '62.

High standard of approximate computation in physics lessons. I.M.Kipnis, N.IA.Pratsman. Fiz.v shkole 22 no.4:55-58 Jl-Ag '62.

Let's introduce progressive practices into the work of all teachers. Fiz.v shkole 22 no.4:5-6 Jl-Ag '62.

Moscow. Pervyi meditsinskii institut. Kafedra fiziki. [Practical work in physics using the method of comprehensive group studies; a textbook for laboratory work in physics for students of resident or correspondence courses at pharmaceutical institutes and faculties] Fizicheskii praktikum po metodu kompleksnokollektivnykh issledovanii; rukovodstvo k laboratornym zaniatiiam po fizike dlia studentov farmatsevticheskikh institutov i fakul'tetov ochnogo i zaochnogo otdelenii. Moskva, 1962. 248 p.

Practices of the Lipetsk Province teachers and the teaching of physics. A.V.Usova, B.E.Lalinskii. Fiz. v shkole 22 no.4:30-34 Jl-Ag '62.

Raising the standard of students' speech in physics lessons. V.P.Moiseenko. Fiz.v shkole 22 no.4:89-90 Jl-Ag '62.

Russia (1917- R.S.F.S.R.) Ministerstvo prosveshcheniia. [Programs of the eight-year school, physics] Programmy vos'miletnei shkoly; fizika. Moskva, Uchpedgiz, 1962. 28 p.

Russia (1917- R.S.F.S.R.) Ministerstvo prosveshcheniia. [Secondary school programs for the 1962-1963 school year; physics and astronomy] Programmy srednei shkoly na 1962/63 uchebnyi god; fizika, astronomiia. Moskva, Uchpedgiz, 1962. 38 p.

Students' work with material distributed to them in physics lessons. A.V.Usova, M.A.Klemleva. Fiz.v shkole 22 no.4:85-87 Jl-Ag '62.

Studying the great program of the development of communism during the teaching of physics. L.V.Shabashina. Fiz.v shkole 22 no.4:18-20 Jl-Ag '62.

Studying the second law of electrolysis. B.D.Orlenskii, O.N.Travina. Fiz.v shkole 22 no.4:88 Jl-Ag '62.

Teaching physics in the eighth grade according to the new program and the new textbook. E.IA.Minchenkov. Fiz.v shkole 22 no.4:39-44 Jl-Ag '62.

PHYSICS—STUDY AND TEACHING—BIBLIOGRAPHY see Bibliography—Physics—Study and teaching

PHYSIOLOGICAL APPARATUS

Simple method for the simultaneous graphic registration of the tonus, motility and evacuatory function of the stomach. IU.K.Vasilenko. Uch.zap.Pyat.gos. nauch.issl.bal'n.inst. 3:380-384 '60.

PHYSIOLOGICAL CHEMISTRY

Use of food acids for accelerating the hydrothermal fission of the proteins of cattle meat stroma. D.L. Lobanov, S.F.Elmanov. Izv.vys.ucheb.zav.; pishch. tekh. no.5:58-61 '62.

PHYSIOLOGY

Razumovich, M.B. [Entertaining physiology] Zanimatel'naia fiziologiia. Minsk, Gos. uchebno-pedagog. izd-vo M-va prosv. BSSR, 1962. 171 p.

PHYSIOLOGY, COMPARATIVE
Valuable contribution to animal physiology. Priroda 51 no.10:118 O '62.

PHYSIOLOGY, PATHOLOGICAL
"Pathological physiology" by D.L. Al'pern. Reviewed by E. Shalicv. Vop. elektropat. i elektroterav 1:62 '61

PHYTOGEOGRAPHY
(see also subdivision under Kirghizistan, Severka Valley, Moscow Province)
Geobotanical map as a reflection of the reclamation of a territory. V.A. Dolotov. Bot. zhur. 47 no.8:1181-1189 Ag '62.

PHYTONCIDES—CONGRESSES
All-Union Conference on Phytoncides. E.F. Berezova. Zemledelie 24 no.9 91-92 S '62.

PHYTOPLANKTON
(see also subdivision under Atlantic Ocean, Baltic Sea, Greenland Sea)
Formation of the chemical foundation of the primary production in northern seas M.F. Fedosov. Trudy VNIRO 46:13-18 '62

PICTURE DICTIONARIES
Chekhov, N.V., M.G. Robinson, and Kh.G. Khakimov [Picture dictionary of the Russian language, a visual aid for pupils of non-Russian elementary schools] Kartinnyi slovar' russkogo iazyka, nagliadnoe uchebnoe posobie dlia uchashchikhsia nerusskikh nachal'nykh shkol Izd 9 Moskva, Gos. uchebno-pedagog izd-vo, 1960. 2 v.
(LNHT)

PIEZOELECTRIC OSCILLATORS see Oscillators, Crystal

PIEZOELECTRIC SUBSTANCES
Theory of sound absorption in piezoelectrics. V.L. Gurevich. Fiz. tver. tela 4 no.4:909-917 Ap '62.

PIEZOELECTRICITY
Piezoresistance effect in PbTe and PbSe. Iu.V. Ilisavskii. Fiz. tver. tela 4 no.4:918-927 Ap '62.

PIGMENTS
Accelerated precipitation of artificial and natural iron oxide pigments. V.P. Riumin. Zhur. VKHO 7 no.5: 591 '62.

PILING (CIVIL ENGINEERING)—STANDARDS
Hollow reinforced concrete piles. Biul. stroi. tekh. 19 no.10,33 O '62.

PINE
(see also subdivision under Barguzin Valley, Buryat-Mongolia, Kazakhstan; Kokchetav Province, Okhta region, Uda Valley; Volgograd Province, Zhitomir Province)
Interesting facts on the accretion of trunks in the Scotch and Crimean pines. P.P. Pobokhov. Agrobiologiia no. 3:149-450 My-Je '62.
Tikhomirov, B.A., and S.A. Plynik. [Pinus pumila; biology and utilization] Kedrovyi stlanik, biologiia i ispol'zovanie. [Magadan] Magadanskoe knizhnoe izd-vo, 1961. 35 p.
(DNAL)

PINE MOTH see subdivision under Voronezh Province

PIONEERS (COMMUNIST YOUTH)
(see also subdivision under Czechoslovakia, Kabardino-Balkar A.S.S.R., Ural Mountain region)
[A Pioneer leader came in from the factory; sketches] Iz tekha prishel vozhatyi; ocherki. [Moskva] Molodaia gvardiia, 1962. 62 p. (Dlia tekh kto rabotaet s pionerami)
Pioneers' radio receiver and transmitter. B. Gavrilenko. Iun. tekh. 7 no.10 10-11 O '62.
[With our gay friend the drum] S veselym drugom - barabanom. [Moskva] Izd-vo "Molodaia gvardiia," 1961. 303 p.

PIONS see Mesons

PIPE—MEASUREMENT
TM-1 pipe measuring rod. A. Vandalovskii. Zhil.-kom. khoz. 12 no.3:26-27 Mr '62.

PIPE—TESTING
Screw cap for hydraulic pipe testing. V.N. Glinchevskii. Mashinostroitel' no.10,22 O '62.
Stoppers for testing pipes. S. Penkin. Sel'. stroi. no.9 17 S '62.

PIPE—TRANSPORTATION
Gal'perin, A.I., I.V. Makarov, and V.F. Nikolenko. [Vehicles for transporting pipes and pipe sections] Mashiny dlia perevozki trub i pletei. Moskva, Gostoptekhizdat, 1962. 116 p.

PIPE—WELDING
Fal'kevich, A.S. [Welding pipelines and plant (industrial) piping] Svarka magistral'nykh i zavodskikh (tekhnologicheskikh) truboprovodov. 2. izd. Moskva, Gostoptekhizdat, 1962. 422 p.

PIPE, ALUMINUM
Two-channel aluminum pipes (from "Pipes and pipelines," no. 3, 1962). Mont. i spets. rab. v stroi. 24 no.10,27 O '62.

PIPE, BRASS—WELDING
Straight joint welding of brass pipe by radio frequency currents with conductive feed. V.IA Golberg. TSvet. met. 35 no.10 69-71 O '62.

PIPE, CAST-IRON
Use of ferrochart hs in the production of cast iron pipe V.M. Pishchev. Lit. proizv. no.10,1-4 O '62.

PIPE, CLAY—STANDARDS
State standard for ceramic drain pipes Biul. stroi. tekh. 19 no.9:13-11 S '62.

PIPE, PLASTIC
Akademiia stroitel'stva i arkhitektury SSSR. Institut sanitarnoi tekhniki. [Basic recommendations for the use of steel pipe lined with vinyl plastics] Osnovnye rekomendatsii po primeneniiu stal'nykh trub, futerovannykh viniplastom. Moskva, Gosstroiizdat, 1962. 134 p.

PIPE, STEEL
Akademiia stroitel'stva i arkhitektury SSSR. Institut sanitarnoi tekhniki. [Basic recommendations for the use of steel pipe lined with vinyl plastics] Osnovnye rekomendatsii po primeneniiu stal'nykh trub, futerovannykh viniplastom. Moskva, Gosstroiizdat, 1962. 134 p.
Means of rapidly determining the life periods of pulp pipelines. S.P. Turchaninov Gor. zhur no. 11 51-56 N '62.

PIPE, STEEL—CORROSION
Increasing the corrosion resistance of electrically welded 1Kh18N9T steel pipe. V.K. Buzii and others Stal' 22 no.10 911 O '62

PIPE, STEEL—STANDARDS
Reviewing standards for drive pipes and their unions. N.A. Karpinskaia and others. Standartizatsiia 26 no.10 21-22 O '62.
State standard for steel water and gas pipes. Biul. stroi. tekh. 19 no.10:15-17 O '62.

PIPE, STEEL—WELDING
Pipe welding in foreign countries with use of high-frequency currents V.N. Bogdanov Avtom. svar. 15 no.11 88-91 N '62
Welding of pipes made with EI-695R and EP-17 make austenite steels. E.A. Gotlib, R.B. Polikarova, IA.V. IAshchenko. Teploenergetika 9 no.11 63-67 N '62.

PIPE CUTTING—EQUIPMENT AND SUPPLIES
Automatic machine for cutting pipes made of vinyl chloride. S.F. Grigut'ev. Mashinostroitel' no.10:33 O '62.

PIPE FITTINGS
Working out principles of the overall mechanization and automation for casting pipe fittings. V.N. Bekhalov Sbor. trud. NIIST no.10:71-98 '62.

PIPE MILLS
(see also subdivision under Taganrog)
All-Union conference of pipe mill workers. V.P. Mankov. Stal' 22 no.10 937 O '62.
Fixed mandrels on automatic mills. IA.L. Vatkin and others. Nauch. trudy DMI no.48:174-185 '62.
Increasing the output of continuous furnace pipe welding plants. N.I. Kagan. Metallurg 7 no.11:24-26 N '62.

PIPELINE TRANSPORTATION OF SOLIDS see Hydraulic conveying

PIPELINES
The IM-6P machine for insulating pipelines with polymer bands. N.P. Shagov. Biul. tekh.-ekon. inform. Gos. nauch.-issl. inst. nauch. i tekh. inform. no.10,32-33 '62.

PIPELINES—ABSTRACTS
[Pipeline transportation] Ref. zhur. Otd. vyp. 45: Trub. transp. no.11 N '62.

PIPELINES—EQUIPMENT AND SUPPLIES see subdivision under Golodnaya Steppe

PIPELINES—TESTING
Investigating operating conditions of underground pipelines during an earthquake. T. Rashidov. Izv. AN Uz. SSR. Ser. tekh. nauk 6 no.5:44-52 '62.

PIPERIDINE
Addition of 3, 3, 5, 5-tetranitropiperidine to α,β-unsaturated compounds. I.S. Ivanova and others. Izv. AN SSSR. Otd. khim. nauk no.9 1686-1688 S '62.
Relation between the local anesthetizing and anticholinergic action of piperidinealkanol esters of p-alkoxybenzoic acids. V.M. Samvelian, N.E. Akopian. Izv. AN Arm. SSR. Biol. nauki 15 no.7:23-31 '62.

PIPES see subdivision under Leningrad

PIROPLASMOSIS
Mass prophylaxis of babesiasis in cattle by means of early (preventive) chemotherapy. P.M. Mordasov and others. Trudy NIVI 1:100-104 '60.

PISTACHIO see subdivision under Armenia

PISTON RINGS—CLEANING
Cleaning and degreasing piston rings of internal combustion engines by means of ultrasonic oscillations. A.P. Gindis, A.A. Bershitskii Avt. prom. 28 no.9 40-43 S '62

PISTON RINGS—TESTING
Investigating the wear of piston rings made of high-strength cast iron in motor-vehicle engines P.I. Zemskov, I.D. Pogorelov Avt. prom. 28 no.9 30-33 S '62.

PISTONS—TESTING
Investigating the characteristics of fuel feed by the fuel pump of the 2D100 engine with modified cutting-off edges of the pump piston. A.P. Chirkin, M.K. Gavrilenko, N.D. Verner. Trudy KHIIT no.52 5-15 '61.

PITUITARY BODY
Role of the hypophysial-adrenal system in immunological and infectious processes V.I. Ioffe, L.P. Kopytovskaia Vest. AMN SSSR 17 no.5 24-29 '62.

PLAGIOCLASE—ANALYSIS
Variations in the composition of plagioclases in andesite-basalt rocks. G.A. Rashin. Zap. Vses. min. ob-va 91 no.3:271-280 '62.

PLANETARIA
Homemade school planetaria. N.K. Semakin, N.A. Deryavenko. Fiz. v shkole 22 no.4:69-77 Jl-Ag '62.

PLANETS
New hypothesis on the origin of planets. S. Gamburg. IUn. tekh. 7 no.10 42-47 O '62.

PLANETS, LIFE ON see Plurality of worlds

PLANIMETER
Planimeter L. Krivonosov. Voen. znan. 38 no.10 31 O '62

PLANING HULLS
New type of engine and seagoing ships on underwater wings. A.N. Vashedchenko. Sudostroenie 28 no.9 12-14 S '62
Propulsion of gliding vessels. L.M. Krivonosov. Sudostroenie 28 no.9 32-36 S '62.

PLANKTON see subdivision under Atlantic Ocean, Baltic region; Takoradi region

PLANT, PROTECTION OF—DICTIONARIES
Latvijas Padomju Socialistiskas Republikas Zinatnu akademija. Latvijesu valodas terminologijas komisija. [Scientific and technical terminology] Nauchnaia i tekhnicheskaia terminologiia. Riga, Izd-vo Akad. nauk Latviiskoi SSR.
No 3. [Plant protection] Zashchita rastenii 1960. 591 p. [Latvian, Latin and Russian]

PLANT BREEDING
Michurin's principles and methods of breeding as a basis of Soviet plant growing. I.S. Gorshkov. Trudy TSGL 7:5-28 '61.
Plant physiology and some problems in breeding for quality. B.A. Rubin. Nauch. dokl. vys. shkoly. biol. nauki no.4:7-13 '62.

PLANT BREEDING—RESEARCH see subdivision under Ukraine

PLANT BREEDING—STUDY AND TEACHING
Plant breeding on the training farm of 8 to 11-year schools. L.S. Kondakova. Izv. Ver. gos. ped. inst. 38: 11-30 '61.

PLANT CELLS AND TISSUES
Methods of cytological investigation of fruit trees and berry plants. O.S. Zhukov. Trudy TSGL 7:118-139 '61.
Structure of stomata and epidermal cells in magnolias as related to the taxonomy of the genus Magnolia L. [with summary in English]. M.A. Baranova. Bot. zhur. 47 no.8:1108-1115 Ag '62.

PLANT COMMUNITIES see subdivision under Crimean Mountains

PLANT CUTTINGS
Changes in the bios content at the time of callus and root formation during the stratification of grapevine treated with growth promoting substances. D.TS Lilov. Agrobiologiia no.3:443-445 My-Je '62.

PLANT DISEASES—RESEARCH
Prokosenko, A.E., and R.M. Legunkova. [Technique of electron microscopic investigations in phytopathology] Tekhnika elektronnomikroskopicheskikh issledovanii v fitopatologii. Moskva, Izd-vo Akad. nauk SSSR, 1962. 46 p.

PLANT LICE see subdivision under Azerbaijan

PLANT PHYSIOLOGY
"Environment and plant development" by V.I. Razumov. Reviewed by M.M. IAkubtsiner. Agrobiologiia no.3 474-475 My-Je '62

PLANT PHYSIOLOGY (Continued)

Phasic development of plants. D A.Dolgushin. Zemledelie 24 no.9 3-10 S '62.

Plant physiology and some problems in breeding for quality. B. A Rubin Nauch dokl vys. shkoly, biol. nauki no. 1 7-13 '62.

PLANTERS (AGRICULTURAL MACHINERY)

A new method for sowing grain. P. Kurgaev. Tekh. v sel'khoz. 22 no.8:4-7 Ag '62.

Soil compaction by rollers in sowing with checkrow planters. P. M. Vasylenko, V. M. Shevel'ov. Visnyk sil'hosp. nauky 5 no 9:22-28 S '62

PLANTS—ASSIMILATION

Biochemistry of autotrophic nitrogen assimilation in plants [with summary in English] V L Kretovich Izv. AN SSSR. Ser. biol no 5:668-684 S-O '62

A day's variations of the amount of assimilation products in the leaves of long-day and short-day plants [with summary in English] V S TSybul'ko. Fiziol rast 9 no 5 567-574 '62

Diurnal periodicity of the translocation of assimilates. A. A. Anisimov and others. Dokl. AN SSSR 146 no. 6 1441-1444 O '62.

PLANTS—CHEMICAL ANALYSIS
(see also subdivision under Amur Province, Irkutsk Province)

Content of trace elements in various plant organs. G. V. Porutskii, V. P. Golovchenko, S. V. Cheredнichenko. Dokl. AN SSSR 146 no. 5:1223-1225 O '62.

Determining the elements of mineral nutrition in the sap of various plant organs. A. I. Uskov. Trudy TSGL 7: 179-182 '61.

Discoloration by bismuth oxychloride of colored plant extracts intended for ascorbic acid determination in them. D. I. Bal'tsev. Vop. pit. 21 no. 3 81-83 My-Je '62.

Methods for determining the general anion-exchange absorptive capacity of roots by adsorption [with summary in English]. A. V. Peterburgskii, G L Nelubova Fiziol rast. 9 no. 5:651-655 '62.

Study of the chemical composition of two species of red algae. G. P. Serenkov, L V Zlochevskaia. Nauch. dokl. vys. shkoly, biol. nauki no. 4 151-156 '62.

PLANTS—DISEASE AND PEST RESISTANCE

Economic efficiency of measures for plant protection. M. Glebov. Ekon. sel'khoz. 33 no. 8:43-49 Ag '62.

PLANTS—FLOWERING see Plants, Flowering of

PLANTS—FROST RESISTANCE
(see also subdivision under Ural Mountains)

Effect of thawing rate on the survival of vitrified cells and hardened plants [with summary in English] I I. Tumanov, O. A Krasavtsev Fiziol rast. 9 no. 5 595-606 '62.

Growth and winter hardiness of apple seedlings grown from buds of various parts of the tree crown. I. S. Kuzin. Trudy TSGL 7 209-217 '61.

Nature and the degree of flower bud damages by low temperatures in stone fruits. G G Fetisov, G. A. Filimonova Agrobiologiia no 3 377-382 My-Je '62.

Relation between the frost resistance of citrus plants and the intensity of winter insolation. V. A. Mirimanian. Bot. zhur. 47 no. 8:1160-1169 Ag '62.

Russia (1923- U. S. S. R.) Ministerstvo sel'skogo khoziaistva. Upravlenie nauki, propagandy i vnedreniia peredovogo opyta. [Methods of breeding wheat for winter hardiness] Metody selektsii zimostoikikh pshenits, sbornik statei. Pod obshchei red. N. A. Maisuriana, P. E. Sudnova, I. N. Elagina. Moskva, Sel'khozizdat, 1962. p. 158 p.
(MIRA 15)

PLANTS—TRANSPIRATION—BIBLIOGRAPHY see Bibliography—Plants—Transpiration

PLANTS, CULTIVATED

Anthocyanins of some cultivated plants [with summary in English]. G B Samorodova-Bianki Fiziol rast. 9 no. 5 560-566 '62

PLANTS, EFFECT OF ARIDITY ON

Effect of drought on the postphotosynthetic transformation of carbon in wheat leaves [with summary in English] I A Tarchevskii, N S Sitanova Fiziol rast 9 no 5 534-541 '62.

Effect of water deficiency in the soil on female gametophyte formation in some grasses in connection with their growth. F. D. Skazkin, K. A Lukomskaia Dokl. AN SSSR 146 no. 6 1449-1451 O '62.

PLANTS, EFFECT OF BORON ON

Boron fertilizers for field. S. G. Kuznetsov. Zemledelie 24 no. 9:87-88 S '62.

PLANTS, EFFECT OF CALCIUM ON

Effect of calcium and magnesium carbonates on the tobacco yield [in Armenian with summary in Russian]. R. A Edilian, E. T. Matevosian. Izv. Glav. upr. sel'khoz. nauk i podgot. kad Arm. SSR 5 no 7.45-51 '62.

PLANTS, EFFECT OF COBALT ON

Kedrov-Zikhman, O. K. [Co^{60} in studying the role of cobalt as a microelement in plant nutrition] Co^{60} v izuchenii roli kobal'ta kak mikroelementa v pitanii rastenii. Moskva, 1955. 18 p. (Doklady, predstavlennye SSSR na Mezhdunarodnuiu konferentsiiu po mirnomu ispol'zovaniiu atomnoi energii)

PLANTS, EFFECT OF ELECTRICITY ON

Some changes in the development of plants under the influence of electricity on soil. I. N. Lutkova. Trudy TSGL 7:266-284 '61.

PLANTS, EFFECT OF GAMMA RAYS ON

Vitality and fertility of the vegetative offspring of gladiolus corms which were exposed to chronic radiation in a γ-field. L V. Dragina, V. F. Akhramova. Nauch. dokl. vys. shkoly, biol. nauki no. 4.98-102 '62.

PLANTS, EFFECT OF HYDROGEN-ION CONCENTRATION ON

Change in the nitrogen and free amino acid content of corn plants at different pH of the medium. S. S Andrienko, N. D. Alekhina. Nauch. dokl. vys. shkoly, biol. nauki no. 4 129-136 '62.

PLANTS, EFFECT OF INSECTICIDES ON

Gar, K. A., and R. IA. Kipiani. [Studying the penetration and remains of phosphorus organic insecticides in plants with the aid of radioactive isotopes] Izuchenie s pomoshch'iu radioaktivnykh izotopov proniknoveniia i ostatkov fosfororganicheskikh insektitsidov v rastenitakh. Moskva, 1955. 35 p. (Doklady, predstavlennye SSSR na Mezhdunarodnuiu konferentsiiu po mirnomu ispol'zovaniiu atomnoi energii)

PLANTS, EFFECT OF LIGHT ON

"A course in the photoculture of plants" by V. M Leman Reviewed by N. N. Protasova, G A. Samygin. Fiziol. rast. 9 no. 5:654-655 '62.

Relation between the frost resistance of citrus plants and the intensity of winter insolation. V. A. Mirimanian. Bot. zhur. 47 no. 8:1160-1169 Ag '62.

PLANTS, EFFECT OF LIGHT ON—CONGRESSES

Conference on artificial irradiation of plants. M. B. Zimin. Svetotekhnika 8 no. 9:30-31 S '62.

PLANTS, EFFECT OF LIME ON

Effect of various amounts of lime on the yield and quality of plants. N. S. Avdonin, V. I. Steshkina. Nauch. dokl. vys. shkoly; biol. nauki no. 4 142-146 '62.

PLANTS, EFFECT OF MAGNESIUM ON

Effect of calcium and magnesium carbonates on the tobacco yield [in Armenian with summary in Russian]. R. A. Edilian, E. T Matevosian Izv Glav. upr. sel'khoz. nauk i podgot. kad Arm. SSR 5 no. 7.45-54 '62.

PLANTS, EFFECT OF NITROGEN ON

Significance of root microflora in the nitrogen nutrition of hemp. K. P. Tulaikova. Trudy Vses. nauch.-issl. inst. lub. kul't. no. 24:123-130 '59.

PLANTS, EFFECT OF PHOSPHORUS ON

Effect of phosphorus on the drought resistance and water balance of spring wheat and barley. I. I. Beliakov. Vest. sel'khoz. nauki [Kazakh.] 5 no. 10:23-30 O '62.

PLANTS, EFFECT OF SALT ON

Age-induced changes in the salt resistance of fruit crops. A. S Deviatov. Agrobiologiia no 3:383-386 My-Je '62.

Effect of sodium carbonate salinization of floodland soils on the growth of poplar plantations. R. S. Lavryshcheva. Visnyk sil'hosp. nauky 5 no. 9:103-109 S '62.

Specificity of the effect of soil salinity on the anatomical structure of wood of the false acacia (Robinia pseudoacacia L.). V. G. Nikolaevskii. Nauch. dokl. vys. shkoly, biol. nauki no. 4:113-117 '62.

PLANTS, EFFECT OF TEMPERATURE ON

Effect of preplanting stimulation on some physiological processes and the yield of corn [with summary in English] P K. Kornaev. Fiziol. rast 9 no. 5 620-625 '62.

Some changes in the protein and carbohydrate metabolism of almond buds at low temperatures. K. A. Kuraptsian. Izv. AN Arm. SSR. Biol. nauki 15 no. 7 13-20 '62.

Study of the winter hardiness of grape buds. S F Antikeeva Sbor. lab. TGO no. 1:133-140 '61

Thermal treatment of seeds and the vernalization of yellow fodder lupine IU. K. Melikhova. Fiziol rast 9 no 5 628-631 '62

PLANTS, EFFECT OF TRACE ELEMENTS ON

Effect of microelements on the water balance in seedlings of some woody plants [with summary in English] I V. Dobroserdova. Fiziol rast. 9 no. 5.582-588 '62

PLANTS, EFFECT OF WATER ON

Resistance of winter rye and wheat to standing water [with summary in English] I. A Stefanovskii. Fiziol rast 9 no. 5 589-594 '62

PLANTS, FLOWERING OF

Explosive and stepwise flowering of grasses. A. N. Ponomarev, T. P. Turbacheva. Dokl. AN SSSR 146 no. 6 1437-1440 O '62.

PLANTS, PROTECTION OF

Harvest protection from pests and diseases. D. M. Shteinberg, G. M. Shumakov. Priroda 51 no. 10.64-68 O '62.

PLASMA (IONIZED GASES)

Annihilation of positrons in an ionized gas [with summary in English]. I N Toptygin. Zhur. eksp. i teor. fiz. 41 no. 3 1037-1041 '62.

Detector characteristics of a plasma [with summary in English]. G. A. Sobol'. Izv. vys. ucheb. zav.; radiofiz. 5 no. 5:963-971 '62.

Determining the lifetime of a high-temperature plasma on the basis of the duration of neutron emission [with summary in English] IU. V Gott, V. G. Teikovskii Zhur. eksp. i teor. fiz 43 no. 3:831-841 '62.

Drift instability of an inhomogeneous plasma in a magnetic field. B B. Kadomtsev, A. V. Timofeev. Dokl. AN SSSR 146 no. 3 581-584 S '62.

Field frequency of an oscillator moving in an anisotropic medium [with summary in English]. N. A. Mitiakov. Izv. vys. ucheb. zav., radiofiz. 5 no. 5:892-896 '62.

Konferentsiia po fizike plazmy i probleme upravliaemykh termoiadernykh reaktsii, 1st, Kharkov, 1958. [Plasma physics and the problems of controlled thermonuclear synthesis; reports] Fizika plazmy i problemy upravliaemogo termoiadernogo sinteza; doklady. Kiev, Izd-vo Akad. nauk USSR, 1962. 175 p.

Lower limit of a high-frequency quasi-potential in a positive plasma column [with summary in English]. K. S. Golovanivskii, A. A. Kuzovnikov. Izv. vys. ucheb. zav., radiofiz. 5 no. 5.933-944 '62.

Parametric interaction between charged or quasi-neutral objects and nonuniform high-frequency fields [with summary in English]. M. A. Miller. Izv. vys. ucheb. zav., radiofiz. 5 no. 5:929-932 '62.

Plasma clot with variable mass in an external magnetic field. A. K. Musin. Radiotekh. i elektron. 7 no. 10: 1799-1808 O '62.

Propagation of plane electromagnetic waves in a periodically non-steady state magnetoactive plasma [with summary in English]. V. N. Lugovoi. Izv. vys. ucheb. zav. radiofiz. 5 no. 5:901-907 '62.

Quasi-linear approximation in the kinetics of a rarefied plasma [with summary in English]. A. A. Vedenov, E P Velikhov Zhur. eksp. i teor. fiz. 43 no. 3:963-967 '62.

Reflection of radiation from a moving plasma in a semiconductor with a current in a magnetic field. G. A Askar'ian. Zhur. eksp. i teor. fiz. 43 no. 1. 1104-1105 '62.

Reflection of waves by an arbitrary moving inhomogeneity [with summary in English]. N. S. Stepanov. Izv. vys. ucheb. zav., radiofiz. 5 no. 5.908-916 '62.

Study of some properties of a delay system consisting of a helical guide surrounding a plasma rod [with summary in English]. S. M. Levitskii, N. S. Baranchik. Izv. vys. ucheb. zav., radiofiz. 5 no. 5:972-977 '62.

PLASTIC BEARINGS

Using polyamide materials for bearings of rolling mills. I. A. Toder, P. P. Dynkina, N. I. Rumiantsev. Vest. mashinostr. 42 no. 10:53-56 O '62.

PLASTIC FILMS

Vibratory method for coating with plastics. V. V. Zhukov. Mashinostroitel' no. 10:30-31 O '62.

PLASTIC MOLDING see Plastics—Molding

PLASTIC PIPE see Pipe, Plastic

PLASTICITY

Effect of plastic deformation on the electric resistance of alloys of the system palladium-silver. N. L. Prusakverov. Izv. vys. uch. zav.; fiz. 3:74-78 '62.

Evaluation of the flow theory. S. D. Kliachko. Izv. AN SSSR. Otd. tekh. nauk. Mekh. i mashinostr. no. 5:160-164 S-O '62.

Hypothesis of the local definiteness in the theory of plasticity. V. S. Lenskii. Izv. AN SSSR. Otd. tekh. nauk. Mekh. i mashinostr. no. 5:154-164 S-O '62.

PLASTICIZERS

Use of the new type of synthetic plasticizers in the manufacture of artificial leather. D. M. Katyshev, S. M. Dridze. Kozh.-obuv. prom. 4 no. 10:14-15 O '62.

PLASTICS

Akhmechet, L. S., L. V. Vaizer, and A. R. Chudnovskii. [Use of plastics in technical equipment] Primenenie plasticheskikh mass v tekhnologicheskoi osnastke. Moskva, Mashgiz, 1962. 155 p.

Bulgakov, N. V., and G. I. Kutianin [Introduction, Plastics, Commercial Chemicals] Vvedenie, Plasticheskie massy, Khimiko-moskatel'nye tovary. Moskva, Gostorgizdat, 1962. 368 p. (Tovarovedenie promyshlennykh tovarov)

Efremov, S. I. [Plastic dies] Shtampy iz plastmass. Moskva, Profitekhizdat, 1962. 59 p. (Novaia tekhnika i peredovye metody truda)

Footwear made with polymer materials. I. D. Lifshits and others. Kozh.-obuv. prom. 4 no. 10:17-19 O '62.

Manufacture of parts from plastic materials in repair shops. V. Belyi, S. Shcherbakov. Tekh. v sel'khoz. 22 no. 8:49-51 Ag '62.

Plastics enter the world of consumers' goods. S. Men'. Mest. prom. i khud. promys. 3 no. 8:14-15 Ag '62.

Surprise of a plastic cone. R. Fedorov. Nauka i zhizn' 29 no. 6:68-69 Je '62.

Using plastics for repairing the equipment of macaroni factories. Iu. D. Berezhnoi. Khleb. i kond prom. 6 no. 10:42-43 O '62.

PLASTICS—MOLDING

Precision of the thread of plastic parts. V. N. Plutalov. Vest. mashinostr. 42 no. 10:49-52 O '62.

Skliarskii, A. M. [Centrifugal casting of machine parts of polyamides] TSentrobezhnoe lit'e detalei mashin iz poliamidov. Leningrad, 1962. 30 p. [Leningradskii dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Serlia Sinteticheskie materialy, no. 3)

PLASTICS—TESTING

Microgeometry of friction surfaces of plastics. Sh. M. Bilik. Trudy Sem. po kach. poverkh no. 5:330-347 '61.

PLASTICS—WELDING

Welding polycaprolactam with preheated gases. V. S. Fel'dman. Svar. proizv. no 10 27-28 O '62.

PLASTICS IN MEDICINE

Osteosynthesis in fractures of the mandible using periosteal plexiglas plates. N. G. Vasil'eva, N. D. Andronik, A. A. Kalinik. Trudy Nauch.-issl. inst. stom. no. 10:63-71 '62.

Preparation of orthodontic apparatus from AKR-"p" plates in combination with acrylic plastics. E. IA. Vares. Trudy Nauch.-issl. inst. stom. no. 10 144-149 '62.

PLASTICS MACHINERY

Mechanizing the chipping of burrs from plastic parts. K. Kriuchkov. Mashinostroitel' no. 10:7 O '62.

PLATES, IRON AND STEEL—TESTING

Heat treated carbon steel for shipbuilding. N. V. Shmidt and others. Sudostroenie 28 no. 9 41-48 S '62

PLATINUM see subdivision under Ural Mountain region

PLATINUM COMPOUNDS

Complex compounds of tetravalent platinum with glycol. A. A. Grinberg, IUon' Kan [Wan K'ang]. Zhur. neorg. khim. 7 no. 10:2304-2310 O '62.

Instability constants of platinum complexes. A. A. Grinberg, G. A. Shagisultanova. Zhur. neorg. khim. 7 no. 10:2311-2314 O '62.

Mutual transformation of isomers of platinum divaline. L. M. Volshtein, G. D. Zegzhda. Zhur. neorg. khim. 7 no. 10:2315-2319 O '62.

PLAVIL'SHCHIKOV, NIKOLAI NIKOVLAEVICH, 1892-1962

In memory of Nikolai Nikolaevich Plavil'shchikov (1892-1962). O. L. Kryzhanovskii. Fiz. obozr. 41 no. 3:692-698 '62.

PLAY

Usova, A. P. [Play and organization of a child's life; methodological instructions] Igra i organizatsiia zhizni detei; metodicheskie ukazaniia. Moskva, Uchpedgiz, 1962. 37 p.

PLAYGROUNDS

Courts for playing games. Zhil.-kom. khoz. 12 no. 5: 9 My '62.

Rozantsev, S. N. [Children's playgrounds at apartment houses] Pridomovye detskie ploshchadki. Izd. 2., dop. Moskva, Izd-vo M-va kommun. khoz. RSFSR, 1961. 28 p.
(CLU)

PLAYS FOR CHILDREN see Children's plays

PLESHCHENITSY DISTRICT—AGRICULTURE

Confident march of the seven-year plan. P. S. Udovkin. Blok. agit. [Bel.] no. 24:34-38 Ag '59.

PLETHYSMOGRAPHY

Effect of compound health resort treatment in Kislovodsk using Nazan baths on neurosis patients with cardialgia and the angioneurotic form of stenocardia, based on data from clinical observation and plethysmography. N. I. Chinarova. Uch. zap. Pyat. gos. nauch.-issl. bal'n. inst. 3:231-246 '60

Single-stage parallel plethysmography in obliterating lesions of the vessels of the lower extremities [with summary in English]. O. S. Kushakovskii. Sov. med. 26 no. 8 28-32 Ag '62.

PLEURA—DISEASES

Pleuropulmonary complications following transthoracic operations on the esophagus and cardia; clinical X-ray observations [with summary in English]. K. B. Krymova, R. R. Golenko, T. V. Kotlukova. Grud. khir. no. 4:89-95 Jl-Ag '62.

PLEURA—RADIOGRAPHY

Interrelation of the actual upper border of liquid in the free pleural cavity with the X-ray border and the Damoiseau-Sokolov line. IU. S. Khomiakov. Vrach. delo no. 10:148-150 O '62.

PLEURISY

Pleurisy. M. IA. Elova. Zdorov'e 8 no. 10:20-21 O '62.

PLOTKINA, ANTONINA IVANOVNA

All ages are subject to.... M. Bertenson. Teatr 23 no. 10 118 O '62.

PLOUGH see Plows

PLOWING

(see also subdivision under Armenia)

Effect of plowing on the change in physical and chemical characteristics of Chernozem soils in Aktyubinsk Province. P. V. Madanov, A. N. Tiurmenko. Nauch. dokl. vys. shkoly, biol. nauki no. 4:185-191 '62

Effect of plowing very steep slopes on the surface washing off and gully formation in Spitak District [in Armenian with summary in Russian]. E. Alrapetian. Izv. Glav. upr. sel'khoz. nauk i podgot. kad. Arm. SSR 5 no. 7:61-71 '62

Movement stability of subsoiling units in the horizontal plane [in Armenian with summary in Russian]. L. A. Khachatrian. Izv. Glav. upr. sel'khoz. nauk i podgot. kad. Arm. SSR 5 no. 7:25-34 '62.

PLOWS

Gogunskii, G. G., and G. D. Kaliurhnyi. [Mounted and semimounted tractor plows, scarifiers, and diggers] Navesnye i polunavesnye traktornye plugi, rykhliteli, lamokopateli. Moskva, Mashgiz, 1962. 159 p.
(DNAL)

Modernization of the P-5-35 plow for forest plantations under irrigation. E. I. Khaliman. Les. khoz 15 no. 6: 84-85 Je '62.

Rolling the blade of a composite share made of Kh12F1 steel. Stal' 22 no 10:919-921 O '62.

PLOWS—DESIGN

Metsepuro, M. E. [Theory of plough-type ditch diggers and marsh ploughs] Voprosy teorii pluzhnykh kanavokopatelei i bolotnykh plugov. Minsk, Izd-vo Akad. nauk BSSR, 1957. 233 p
(DNAL)

PLURALITY OF WORLDS

Helmet and pumpkin. Aleksandr Kazantsev. Ogonek 40 no. 43 20-22 O '62.

PLUTONIUM COMPOUNDS

Synergetic and antagonistic effects in the extraction of plutonium compounds. M. Taube. Radiokhimiia 4 no. 3:260-272 '62.

PNEUMATIC CONVEYING

Calculating the velocity rate of soaring under free and constricted conditions. A. S. Kemmer, A. M. Dziadzio. Izv. vys. ucheb. zav.; pishch. tekh. no. 5:113-119 '62.

Mikol'skii, IU. N. [Pneumatic conveying in the production of building materials] Pnevmaticheskii transport v proizvodstve stroitel'nykh materialov. Kiev, Gosstroiizdat, USSR, 1962. 102 p.

"Pneumatic conveying in grain processing plants" by A. M. Dziadzio. Reviewed by P. G. Demidov, L. I. Kotliar. Izv. vys. ucheb. zav.; pishch. tekh. no. 5: 153-154 '62.

Use of compressed air power for underground and surface coal conveying. B. I. Zasadych. Ugol' 37 no. 11: 38-41 N '62.

PNEUMATIC GAUGES

Feeler for a pneumatic device for measuring the microgeometry of surfaces of small holes. V. A. Trutan'. Trudy Sem. po kach. poverkh. no. 5:239-244 '61.

PNEUMOCOCCAL INFECTIONS

Effect of serotonin (5-hydroxytryptamine) and 5-hydroxytryptophan on the mortality of animals in experimental pneumococcal infection and typhoid intoxication [with summary in English]. Z. A. Popenenkova, T. N. Zavoniagina. Biul. eksp. biol. i med. 53 no. 6:48-51 Je '62.

PNEUMONIA

Clinical aspects and treatment of acute pneumonias [with summary in English]. E. N. Artem'ev, I. O. Turlianskaia. Sov. med. 26 no. 8 9-13 Ag '62.

Pneumonia in children. P. Tambovtsev. Semia i shkola 17 no. 10:47-48 O '62.

Use of heterogenic donors' blood in gastroenteritis and bronchopneumonias in calves and young pigs. P. Z. Potapenko. Trudy NIVI 1:245-248 '60.

PNEUMOPERITONEUM

Effect of pneumoperitoneum on lung tonus. K. A. Kharcheva. K izuch. roli nerv. sist. v pat., immun. i lech. tub. no. 2:360-364 '61.

PNEUMOPERITONEUM, ARTIFICIAL

Physiological premises for understanding the mechanism of the action of therapeutic pneumoperitoneum. K. A. Pimenova. K izuch. roli nerv. sist. v pat., immun. i lech. tub. no. 2:319-359 '61.

PNEUMOTHORAX

Artificial pneumothorax in the compound treatment of the destructive forms of pulmonary tuberculosis. V. IA. Zubareva. Sov. zdrav. Kir. no. 5 24-27 S-O '62.

POACHING see subdivision under Shilka Valley

POCHAYEV—WOMEN—RELIGIOUS LIFE

I was sad to look at it . . . N. Safronova. Volov. ateist no. 10.31 O '62.

PODOLIA—MEDUSAE, FOSSIL

Find of medusa impressions in the Lower Silurian of Podolia. V. A. Sytova. Paleont. zhur. no. 2 164-165 '62.

PODOPHYLLUM see subdivision under Leningrad Province

POETS, AZERBAIJANI

[Poets of Azerbaijan. Translated from the Azerbaijani] Poety Azerbaidzhana. Predisl. P. Antokol'skogo. Obshchaia red. A. N. Boldyreva i A. P. Vekilova. Moskva, Leningrad, 1962. 421 p. (Biblioteka poeta. Bol'shaia seriia. 2. izd.)

POGODIN, NIKOLAI FEDOROVICH, 1900-1962

Bobotykin, V. G. [N. Pogodin's trilogy on Lenin] Trilogiia N. Pogodina o Lenine. Moskva, Sovetskii pisatel', 1962. 106 p.
(MH)

In memory of N. F. Pogodin. Teatr 23 no. 10:35-36 O '62.

POKROVSKIY DISTRICT (DNEPROPETROVSK PROVINCE)—COLLECTIVE FARMS

If you want order observe the agricultural artel statutes. I. D. Khalabudenko. Uchot i fin. v kolkhoz. i sovkhoz. 10 no. 9:54-56 S '62.

POLAND—BIBLIOGRAPHY

[New literature on Poland] Nov. lit. po Pol'. no. 1, 6/7-8 '62.

POLAND—CHEMISTRY—STUDY AND TEACHING

Methods of studying chemistry in the Polish periodical "Chemia w szkole" for 1961. A. A. Grabetskii. Khim. v shkole 17 no. 4:80-86 Jl-Ag '62.

POLAND—COMMUNIST PARTY

Formation of the basic principles of the Polish Workers' Party. S. M. Stotskevich. Vop. ist. no. 10:186-189 O '62.

How the Polish Communist Party struggled for the popular front against fascism, 1934-1935. A. P. Sema. Nov. i noveish. ist. no. 4:80-96 '62.

The 20th anniversary of the Polish Workers' Party. E. Pilishek. Nov. i noveish. ist. no. 4:192-193 '62.

POLAND—ECONOMIC CONDITIONS

Development of the economy of the Polish People's Republic. A. Karpinskyi. Ekon. Rad. Ukr. no. 4:104-110 Jl-Ag '62.

POLAND—ECONOMIC POLICY

Gomulka, Wladyslaw. [Selected articles and speeches, 1959-1961] Izbrannye stat'i i rechi, 1959-1961. Moskva, Gospolitizdat, 1962. 719 p.

POLAND—ELECTRIC LOCOMOTIVES

New locomotives. Elek. i tepl. tiaga 6 no. 9:47 S '62.

POLAND—FOREIGN RELATIONS—GERMANY

J. Beck's negotiations with the leaders of Hitlerite Germany in 1935. K. I. Kozyrina. Nov. i noveish. ist. no. 4: 177 '62.

The Polish-German Agreement of 1934 [with summary in English, pp. 221-222]. K. Lapter. Vop. ist. no. 10:90-106 O '62.

POLAND—HISTORY

"Problem of the establishment of an independent Silesian state after the First World War" [in Polish] by G. Zilinski. Reviewed by TS. Liafarov. Nov. i noveish. ist. no. 5:165-166 '62.

POLAND—LAND TENURE

Kostiushko, I. I. [The reform of peasant land tenure in the Kingdom of Poland in 1864] Krest'ianskaia reforma 1864 goda v TSarstve Pol'skom. Moskva, Izd-vo Akad. nauk SSSR, 1962. 491 p.

POLAND—POLITICS AND GOVERNMENT

Gomulka, Wladyslaw [Selected articles and speeches, 1959-1961] Izbrannye stat'i i rechi, 1959-1961. Moskva, Gospolitizdat, 1962 719 p

POLAND—POPULAR FRONTS

Ha the Polish Communist Party struggled for the popular front against fascism, 1934-1935. A.P. Sema. Nov. i noveish. ist no 4 30-56 '62.

POLAND—RELATIONS (GENERAL) WITH RUSSIA

Smirnov, A.F. [Revolutionary contacts between the peoples of Russia and Poland, from the 30's to the 60's of the 19th century] Revoliutsionnye sviazi narodov Rossii i Pol'shi, 30-60 gody XIX veka Moskva, Izd-vo sotsial'no-ekon lit-ry, 1962 425 p (CtY)

Work of the Department of the History of Russo-Polish relations of the Polish Academy of Sciences W Gostyńska Nov i st no 10 202-203 O '62

POLAND—REVOLUTION, 1863-1864

Mirek, M.V. [The Polish uprising of 1863] Pol'skoe vosstanie 1863 goda. Moskva, Izd-vo Akad. nauk SSSR, 1962 334 p

The Polish Rebellion of 1863. S.M. Fal'kovich. Ist. arkhiv. 8 no 4 208-213 Jl-Ag '62.

POLAND—SEED PRODUCTION

Seed production in Poland. V.P. Lisenkov. Zemledelie 24 no.9 82-84 S '62.

POLAND—WORLD WAR, 1939-1945—PERSONAL NARRATIVES

Grif, A.IA., and Gusarev, S.P., comps. [A friendship born in battles] Druzhba, rozhdennaia v boiakh Moskva, Izd-vo DOSAAF, 1962 103 p. illus

POLAND—WORLD WAR, 1939-1945—PRISONERS AND PRISONS, ITALIAN

"Anders will not return to Italy" [in Polish] by Jacek Wilczur Reviewed by M. Ignatiev. Mezhdunar. zhizn' no.11:125-128 N '62.

POLAND—WORLD WAR, 1939-1945—UNDERGROUND MOVEMENTS

Disproof of a slanderous interpretation of the Polish resistance movement. A.B. Nov. i noveish. ist no. 4 176 '62.

POLARISCOPE

Veshkov, A.I., and I.P. Lepeshkin. [Tables for determining the results of the polarimetric analysis of sugar products] Tablitsy dlia opredeleniia rezul'tatov polarimetricheskogo analiza sakharnykh produktov. Izd 3, ispr i dop Moskva, Pishchepromizdat, 1962 303 p

POLARIZATION (ELECTRICITY)

Concerning the structure of polarization fixing substances IU.G. Pliner, V.Kh. Kozlovskii Izv LETI 53 no 46 393-397 '62

Rectification effect on an ideall. polarizable electrode. V.G. Levich, B.M. Grafov. Dokl. AN SSSR 146 no. 6. 1372-1373 O '62

POLARIZATION (LIGHT)

Polarization observations of β Coronae Borealis [with summary in English]. R.A. Vardanian. Soob. Biur. obser. no. 30 67-76 '62.

Polarization of radiation and image contour of a spectrograph A.I. Kornilov, N.I. Kozhevnikov Soob GAISH no 117 15-20 '61

POLAROGRAPHY

Determination of copper in metallic indium by the square-wave polarography method B.IA. Kaplan, I.A. Sorokovskaia, G.A. Smirnova Zav. lab 28 no 10 1188-1191 '62

Polarographic determination of 9,10-dihydroanthrylene-1',4'-naphthoquinone E.I. Klabunovskii, L.V. Antik, N.A. Ezerskaia Izv AN SSSR Otd khim. nauk no 10 1877-1880 O '62

Polarographic determination of selenium and tellurium. G.M. Zhitenev, IU.V. Rumiantsev. Trudy Vost. Sib fil AN SSSR no 41 155-157 '62.

Polarographic investigation with fused sodium metaphosphate as the support IU.K. Delimarskii, T.N. Kaptsova, K.M. Boiko Ukr khim zhur 28 no 5 595-599 '62

Simplified circuit for obtaining differential polarographic curves. V.D. Skobets, E.M. Skobets. Ukr. khim. zhur. 28 no. 3:337-342 '62.

Stradiņš, Jānis [Polarography of organic nitro compounds] Polarografiia organicheskikh nitrosoedinenii. Riga, Izd-vo Akad. nauk Latviiskoi SSR, 1961 162 p illus tables.
(NNC)

POLECATS see subdivision under Turkmenistan

POLESYE—ALDER

Effect of the quality of nursery stock on the growth and state of black alder plantations. IE.N. Poliakov. Visnyk sil'hosp. nauky 5 no.9:104-108 S '62.

POLESYE—DRAINAGE

Some problems of forest drainage in the Ukraine. A.I. Mikhovich. Les. khoz. 15 no. 8:25-28 Je '62.

POLESYE—FORESTS AND FORESTRY

Some problems of forest drainage in the Ukraine. A.I. Mikhovich. Les. khoz. 15 no. 8:25-28 Je '62

POLESYE—LUNGWORMS

Study of the seasonal dynamics of dictyocaulosis of cattle and sheep in the White Russian Polesye A.P. Bobkova Trudy NIVI 1 149-150 '60

POLESYE—PARASITES—POULTRY

Parasites and parasitoses of chickens in the territory of the Polesye and forest-steppe zone of the Ukrainian S.S.R. and the measures for controlling them R.S. Chebotarev Trudy NIVI 1 189-195 '60

POLESYE—PARASITES—SWINE

Materials on the helminthic fauna of swine in the White Russian Polesye A.G. Bobkova Trudy NIVI 1 105-118 '60

Study of the epizootology of macracanthorhynchiasis of swine under the conditions in the Polesye and forest-steppe zone of the Ukrainian S.S.R. R.S. Chebotarev Trudy NIVI 1 196-200 '60

POLICE see subdivision under Odessa; Ukraine

POLIOMYELITIS

Effect of adenosinetriphosphoric acid on the restoration of the function of transplanted muscles in poliomyelitis patients [with summary in English]. A.V. Bunichenko, O.N. Shcherban', A.S. IAnkovskaia. Vrach. delo no. 10 101-107 O '62.

Work of a respiratory center in the treatment of respiratory disorders in poliomyelitis and in diseases of the nervous system of varying etiology. L.M. Popova. Vest. AMN SSSR 17 no. 7 23-29 '62.

POLIOMYELITIS—DIAGNOSIS

Diagnosis of acute poliomyelitis in adults. I.I. Prolas, R.I. Mehmed Zdrav Bel. 8 no 5:20-23 My '62.

POLISH LANGUAGE—DICTIONARIES—RUSSIAN

Danilevskaia, S.I., and N.V. IAkovlevskaia, comps. [Concise Polish-Russian dictionary of geology and geography] Kratkii pol'sko-russkii geologo-geograficheskii slovar'. Pod red. L.G. Kamenina. Moskva, Glav. red. inostr. nauchno-tekhn. slovarei Fizmatgiza, 1962. 243 p.

POLITICAL PRISONERS see subdivision under Portugal; Rumania

POLITICAL SCIENCE—CONGRESSES

Twelfth International Congress on Administrative Science. V.V. Laptev Vest. AN SSSR 32 no. 10:86-87 O '62.

POLITICAL SCIENCE—STUDY AND TEACHING

How we conduct political science classes. E. Tyshchenko Prof.-tekh. obr. 19 no. 9:21 S '62.

POLITICS AND CHRISTIANITY see Christianity and politics

POLLEN

Critical survey of recent investigations of the structure of the membrane of pollen grains of angiosperms. L.A. Aleshina. Bot. zhur. 47 no. 8 1210-1213 Ag '62.

Methods for determining the vitality and fertilization capacity of the pollen of fruit-bearing plants. V.I. Ostapenko. Trudy TSGI. 7:163-169 '61.

POLLEN, FOSSIL see subdivision under Baikal Lake region

POLLINATION see Fertilization of plants

POLTAVA DISTRICT (POLTAVA PROVINCE)—STOCK AND STOCKBREEDING—COSTS

New state purchasing prices aid the development of stockbreeding. F. TSybul'ko, L. Oskner. Ekon. sel'khoz. 33 no. 8:69-73 Ag '62.

POLTAVA PROVINCE—AGRICULTURAL ADMINISTRATION

Improving management is an important means for the upsurge of agriculture. V. Komiakhov. Ekon. sel'khoz. 33 no. 8:20-29 Ag '62.

POLTAVA PROVINCE—ATHEISM—STUDY AND TEACHING

After the historic congress M. Kyrychenko. Voiov. ateist no. 10:6-9 O '62.

POLTAVA PROVINCE—EROSION

Agricultural characteristics of eroded soils [with summary in English]. G.A. Cheremisinov. Izv AN SSSR Ser. biol. no. 5:767-781 S-O '62.

POLTAVA PROVINCE—STATE FARMS—ACCOUNTING

Introduce business accounting in to every state farm brigade. I.T. Reshetnik. Uchet i fin. v kolkhoz i sovkhoz. 19 no 10:38-39 O '62

POLTAVA PROVINCE—THYROID GLAND—DISEASES

Endemic foci of hyperplasia of the thyroid gland and the external environmental factors; based on materials from Poltava Province. N.I. Kovgan. Vrach. delo no. 10:116-121 O '62

POLYAMIDES

Polycaprolactam powder. O.A. Gunder, R.I. Babir'eva. Khim. prom. [Ukr.] no. 1:81-82 Ja-Mr '62.

POLYETHYLENE

Polyethylene terephthalate films (lavsan) with [illegible] polystyrene. V.V. Korshak, D.IA. Tsvankin, I. Krukovskii. Dokl. AN SSSR 146 no. 5 1141-1143 O '62.

POLYHEDRA

Structure of an n-dimensional parallelohedron of P. fedorov type. S.S. Ryshkov. Dokl. AN SSSR 146 no. 5 1027-1030 O '62.

POLYMERIZATION

Copolymerization of nitrogen-substituted [illegible] hexamethylene diisocyanate V.V. Korshak, V.A. Zamiatina, R.M. Oganesian. Izv. AN SSSR Otd. khim. nauk no. 9 1669-1670 S '62.

Demonstrating the reaction of polycondensation [illegible] Galbyb. Khim. v shkole 17 no. 4 79-80 Jl-Ag '62.

Effect of ethers on the chain structure in the stereospecific polymerization of butadiene. B.S. Turova and others. Dokl. AN SSSR 146 no. 5 1141-1142 O '62.

New polymers of vinyl ethers. Report No. 1. Heterogeneous catalyst of stereospecific polymerization at room temperature. M.F. Shostakovskii and others. Izv. AN SSSR, Otd. khim. nauk no. 10 1814 1817 O '62.

Polycondensation of N-triphenylbenzazole with [illegible] V.V. Korshak, V.A. Zamiatina, R.M. Oganesian. Izv. AN SSSR Otd. khim. nauk no. 10 1850-1852 O '62.

Polymerization of styrene derivatives in the [illegible] (frozen) state I.V. Andreeva, M.M. Koton, [illegible] Kovaleva Izv. AN SSSR, Otd. khim. nauk no. 10 1891 O '62.

Radiation-induced chemical telomerization of [illegible] A.A. Beer and others. Neftekhimiia 2 no. 4 611-616 Jl-Ag '62.

Role of acid chloride hydrolysis of some aliphatic and aromatic dicarboxylic acids in the process of interfacial polycondensation. V.V. Korshak and others. Izv. AN SSSR Otd. khim. nauk no. 10 1860-1863 O '62.

Synthesis and polymerization of some new derivatives of biphenyl. N.A. Adrova, M.M. Koton, F.F. Mosk[illegible] Izv. AN SSSR, Otd. khim. nauk no. 10 1893-1897 O '62.

Telomerization between ethylene and chloride derivatives of methane. I.B. Afanas'ev, A.A. Beer. Neftekhimiia 2 no. 1 611-616 Jl-Ag '62.

Telomerization of bromochloromethane with ethylene. I.B. Afanas'ev, A.A. Beer. Zhur. VKHO 7 no. 5 595-597 '62.

Telomerization reaction of organocyclosiloxanes. [illegible] dimethyldichlorosilane. K.A. Andrianov, V.V. [illegible] Dokl. AN SSSR 146 no. 1 601-604 S '62.

Using electrochemical persulfate reduction for the initiation of polymerization reaction. L.N. Denisova, G.S. Nentiuk. Dokl. AN SSSR 146 no. 5 1112-1114 O '62.

POLYMERS

Applicability of the two-term friction law to the [illegible] properties of polymers. B.V. Deriagin, IU.P. [illegible] Dokl. AN SSSR 146 no. 6:1356-1359 O '62.

[The chemistry and technology of polymers] [illegible] from foreign periodical literature] Khim i tekh polimerov, perev. iz inostr. period. lit. 6 no. 11 '62

Determination of polymer to metal bonding. S.S. Voiutskii, IU.I. Markin. Zav. lab 28 no. 10 1204-1205 '62.

New method of studying the configuration transformation of polymers. S.S. Ilnazovskii, I.I. Ezhik. Vysokomol. soed. 4 no. 3:328-332 '62.

New polymeric materials in the food industry and [illegible] enic requirements of them. S.V. Genel', A.I. Shtenberg. Vop. pit. 21 no. 3:3-8 My-Je '62.

Polysulfophenylene quinones A.A. Berlin, A.V. Rossov, B.I. Liogon'kii Izv. AN SSSR, Otd. khim. nauk no. 10 1863-1865 O '62

Popov, V.P. [Polymers in the mechanization of agriculture] Polimery v mekhanizatsii sel'skogo khoziaistva. Moskva, Sel'khozizdat, 1962. 86 p.

Preparation of a polymer from diphenylbenzylphosphine oxide by polyrecombination reaction. V.V. Korshak, E.S. Krongauz, P.N. Gribkova. Izv. AN SSSR Otd. khim. nauk no. 9 1636-1644 S '62.

Present-day chemistry of polymers. A.V. Topchiev, M.I. Rokhlin. Vest. AN SSSR 32 no. 10:7-17 O '62

Synthesis of polymers from nitriles of aliphatic acids S.L. Sosin and others. Izv. AN SSSR, Otd. khim. nauk no. 9 1644-1650 S '62.

Theory of the tensile strength of solid polymers. A.F. Gubanov, A.D. Chevychelov. Fiz. tver. tela 4 no. 4 928-933 Ap '62.

POLYMERS—MAGNETIC PROPERTIES

Magnetic properties of ferrocene polymers. IU.S. Karabanov, I.F. Shchegolev. Dokl. AN SSSR 146 no. 6 1370-1371 O '62.

POLYMERS—SPECTRA

Spectral investigation of polymer aging processes V.M. Chulanovskii and others. Izv. AN SSSR, Ser. fiz. no. 10:1316-1317 O '62.

POLYMERS, HIGH see Macromolecular compounds

POLYNOMIALS

Best approximation of functions of several variables by polynomials. M.F.Bezborodnikov. Izv.vys.ucheb. zav., mat. no.4:3-12 '62.

Formulas for calculating discriminants of Jacobi, Laguerre, and Hermitian polynomials. O.I.Tsyankova. Izv.vys.ucheb.zav., mat. no.1 170-172 '62.

Representations of polynomials in the form an - cyn. G.Babaev. Trudy AN Tadzh.SSR 109 14-24 '61.

Some polynomials occurring in probability theory [with summary in English]. V.V Petrov Vest LGU 17 no.19:150-153 '62.

Use of Bernoulli polynomials for improving the convergence of trigonometric series according to Krylov's method. S.G.Gurevich. Izv.LETI 57 no.39.292-300 '59.

POLYPORACEAE see subdivision under China; Soviet Far East

POLYPROPYLENE

Supermolecular structures in isotactic polypropylene films. V.A.Kargin, G.P.Andrianova. Dokl.AN SSSR 146 no.6:1337-1339 O '62.

POLYSACCHARIDES

Change in the mucopolysaccharides in the tissues of the parodontium during the early days of the orthodontic transposition of the teeth. Report No.2 E.IA.Vares, O.N.Zoshchuk. Trudy Nauch.-issl.inst.stom. no.10 183-186 '62.

POLYZOA see subdivision under Kerch Peninsula

POPLAR see subdivision under Novomoscovsk District

POPLAR—DISEASES AND PESTS see subdivision under Kremenchug District

POPOV, ALEKSANDR NIKOLAEVICH, 1882-

A.N.Popov's 80th birthday. Vest.drev.ist. no.3 214 '62.

POPOVICH, PAVEL ROMANOVICH, 1930-

Ahead, to the victory of communism. Av.i kosm. 15 no.9 6-7 '62

Answers to questions Av.i kosm 15 no.9 52-56 '62

Astronaut Pavel Popovich. IU.Zel'venskii, Kryl.rod. 13 no.9 6-7 S '62.

Astronauts recount D.Dmitriev Av.i kosm. 15 no.9 91-95 '62.

Country acclaims space heroes Av.i kosm. 15 no.9 20-38 '62

The first Soviet team in space P.R.Popovich. Av.i kosm 45 no.9 19-51 '62

Group flight of several days in space has been successfully completed Av.i kosm 15 no.9 16-19 '62

New space records. I.G.Borisenko. Kryl.rod. 13 no.9:6-9 S '62.

Our heart is in orbit. A.Merkulov. Av.i kosm 45 no.9-91-93 '62

Our scientific peaceful objectives. A.G.Nikolaev. Av.i kosm 45 no.9 45-49 '62

A road to the sky (to be continued). P.Popovich. Av.i kosm 45 no.9 77-80 '62

Sonic barrier (to be continued). P.Popovich. Av.i kosm. 45 no.10:26-30 '62.

Space field and the area of landing N.Kamanin and others Av.i kosm. 45 no.9:61-70 '62

They fulfilled the task as communists should. IU.Gagarin Av.i kosm. 45 no.9 57-59 '62

To the CPSU and peoples of the Soviet Union! To peoples and governments of all countries! To all of progressive mankind! Av.i kosm. 45 no.9 3-6 '62

Ukrains'ke tovarystvo druzhby i kul'turnoho zv'iazku z zarubizhnymy krainamy. [Soviet austronauts Adrian Nikolaev and Pavel Popovich] Sovetskie kosmonavty Andrian Nikolaev i Pavel Popovich. Kiev, 1962. 5 p. 46 photographs. [Parallel texts in Russian, Ukrainian, and German]

Visiting with Astronaut-4. V.Mykhal'chenko. Ukraina no.18:2-3 S '62.

The "Vostok-4" spaceship is in orbit. Group flight of Soviet spaceships. Av.i kosm 45 no.9 13-15 '62

POPPY—FERTILIZERS AND MANURES

Ashimkanov, Katkoldi. [Effect of mineral fertilizers on the dynamics of growth and yield of medicinal poppy] Vliianie mineral'nykh udobrenii na dinamiku rosta i urozhainost' lekarstvennogo maka. Frunze, Izd-vo Akad. nauk Kirgizskoi SSR, 1962. 52 p. (DNAL)

POPULAR FRONTS see subdivision under France, Poland

POPULATION

(see also subdivision under Russia)

Does humanity have sufficient natural resources? E.K. Fedorov. Nauka i zhizn' 29 no.9:25-28 S '62.

POROSITY

Formation of porosities during the austenitizing and graphitizing of iron alloys. A.A.Baranov. Izv.AN SSSR, Otd.tekh.nauk, Met.i topl. no.5:96-101 S-O '62.

Relation between the speed of linear wave and porosity and its use in ultrasonic seismic logging of boreholes. N.V.Shanigin, V IA Shifrin. Uch.zap LGU 303 159-166 '62.

POROUS MATERIALS

Mechanism of the extraction of substances from porous materials. V.P.Mustenko, M.V.Tovbin. Ukr.khim. zhur. 28 no.3 315-323 '62.

PORTABLE ELECTRIC LAMPS see Electric lamps, Portable

PORTRAIT PAINTING

To love and respect man. V.Ilinonov. Iskusstvo 25 no.8 1 '62.

PORTRAITS

A valuable acquisition A [Athenaeum Rab i stol 38 no.10 8-9 O '62

PORTUGAL—ECONOMIC GEOGRAPHY

Krukovskii, IU.A., and L.A.Avdeichev. [Economic geography of the Pyrenean countries; Spain and Portugal. Lecture for correspondence school students of the geographical faculties of state universities] Ekonomicheskaia geografiia Pirenеiskikh stran; Ispanii i Portugalii. Lektsii dlia studentov-zaochnikov geograficheskikh fakul'tetov gosudarstvennykh universitetov. [Moskva] Izd-vo Mosk. univ., 1962. 78 p.

PORTUGAL—POLITICAL PRISONERS

Freedom for Portuguese political prisoners! L.I. Mol.mira no.1:21 '62.

POSITRONS

Annihilation of positrons in an ionized gas [with summary in English]. I.N.Toptygin. Zhur.eksp.i teor.fiz. 13 no.4:1047-1043 '62

POSTAGE STAMPS

(see also subdivision under Algeria)

[One-hundred years of Russian postage stamps,1858-1958] Sto let russkoi pochtovoi marki, 1858-1958. [Moskva, Sviaz'izdat, 1958] 99 p.

POSTAL SERVICE see subdivision under Vitebsk Province

POSTAL SERVICE—LAWS AND REGULATIONS

Contracts for postal and telegraphic service. G.P. Chub. Vest.Mosk.un.Ser.10: Pravo 17 no.3.13-19 JI-S '62.

POSTAL SERVICE—PRODUCTION STANDARDS

Fainguz, P.P., and M.A.Vlasov. [Establishment of work norms in the communications industry] Tekhnicheskoe normirovanie truda v khoziaistve sviazi. 4 izd. Moskva, Sviaz'izdat, 1962 229 p.

POSTERS

Patronage aid. V.Skugarev, N.Domin, I.Apollonov. Stroi.i arkhit. 10 no.9 32-33 S '62.

[Soviet motion-picture poster] Sovetskii kinoplakat; sbornik statei [Red. V.A.Tikhanova. Moskva, Sovetskii khudozhnik, 1961] 80 p. (CLU)

POTASH INDUSTRY AND TRADE see subdivision under Soligorsk

POTASSIUM CHLORIDE

Ways to eliminating the deterioration in storage (by caking) of potassium chloride. R.A.Dymshits. Zhur. VKHO 7 no.5:550-553 '62.

POTASSIUM PERMANGANATE

Metaflotherapy of poisoning by viper venoms. M.S. Chikun. Zdrav.Bel. 8 no.5:49-51 My '62.

POTASSIUM SULFATES

Thermodynamic properties of the spin system of copper potassium and chromium potassium sulfates. K.P. Sitnikov. Fiz.tver.tela 4 no.4:861-865 Ap '62.

POTATO DIGGER (MACHINE)

The KMP-2 potato digger. M.Asinbrik, K.Titovets, Tekh.v sel'khoz. 22 no.8:70-72 Ag '62.

Use of a spearing technique in separating potato tubers from clusters of soil. A.Ul'ianov, M.Borisov. Tekh. v sel'khoz. 22 no.8:79-83 Ag '62.

POTATO PEELING

Centralized production of peeled potatoes and vegetables. V.Udaeva. Obshchestv.pit. no.7:32 JI '62.

Losses in mechanical potato peeling. A.L. Obshchestv. pit. no.7:59 JI '62.

Thermal unit for peeling potatoes by steam. I.Elkin, A.Rovinskii. Obshchestv.pit. no.7:33-38 JI '62.

POTATO ROT

Methods for determining the strain of the potato late blight pathogen. N.A.Dorozhkin, Z.I.Remneva. Agrobiologiia no.3 407-411 My-Je '62.

POTATOES

(see also subdivision under Armenia)

Kuznetsov, A.I. [Early potatoes in green fallow] Rannii kartofel' v zaniatom paru. Moskva, Izd-vo M-va sel'. khoz. RSFSR, 1961. 57 p. (DNAL)

System for preparing silage from potatoes. K.Bachinin. Tekh.v sel'khoz. 22 no.8:20-23 Ag '62.

Tainov, M.A. [Ways for increasing the yield and reducing the cost of vegetables and potatoes] Puti povysheniia urozhainosti i snizheniia sebestoimosti ovoshchei i kartofelia. [Leningrad] Lenizdat, 1961. 95 p. (DNAL)

Use of a spearing technique in separating potato tubers from clusters of soil. A.Ul'ianov, M.Borisov. Tekh. v sel'khoz. 22 no.8 79-83 Ag '62.

POTATOES—DISEASES AND PESTS see subdivision under Kazakhstan

POTATOES—FERTILIZERS AND MANURES

Effect of soil properties and fertilizers on the changes in the quality of potatoes. G.G.Vendilo. Nauch.dokl. vys.shkoly, biol.nauki no.4:117-120 '62.

POTATOES—HARVESTING

Maksimenko, V.G. [Combine harvesting of potatoes] Kombainovaia uborka kartofelia [Moskva] Mosk. rabochii, 1962. 30 p. (DNAL)

POTATOES—IRRIGATION see subdivision under Orenburg Province

POTENTIAL, THEORY OF

Asymptotically accurate solution to a model Hamiltonian in the theory of crystals. L.P.Harmov. Vest.Mosk. un.Ser.3: Fiz., astr. 17 no.5.42-45 S-O '62.

Green's function of electrons in a metal and analysis of the electron spectrum [with summary in English]. A.A.Abrikosov. Zhur.eksp.i teor.fiz. 13 no.3: 1088-1098 '62.

Green's functions and their spectral representations in the statistical mechanics of classical systems. N.N. Bogoliubov (Jr.), B.I.Sadovnikov. Vest.Mosk.un. Ser.3: Fiz., astr. 17 no.5:51-61 S-O '62.

Infrared asymptotic behavior of Green's functions in some models of quantum field theory [with summary in English]. G.A.Milekhin. Zhur.eksp.i teor.fiz 41 no.3:1017-1020 '62.

Short-wave asymptotic behavior of Green's functions outside of a bounded convex region. V.M.Babich. Dokl. AN SSSR 146 no.3:571-574 S '62.

Solution to Dirichlet's problem for a Laplace equation in a composite region with corners. Sh.I.Vekilov. Izv.AN Azerb.SSR.Ser.fiz.-mat.i tekh.nauk no.2: 21-27 '62.

POTENTIOMETER

Sivul'kin, A.E., and R.L.Sabanovskii. [Automation of potentiometer and toroidal coil winding operations on transfer machines] Avtomatizatsiia protsessa namotki potentsiometrov i toroidov na stankakh rotatsionnogo klassa. Leningrad, 1962. 17 p. [Leningradskii dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia: Pribory i elementy avtomatiki, no.4)

POTENTIOMETRIC ANALYSIS

Use of certain amino acids as addends for Co(II) in its potentiometric titration by ferricyanide P.K Agasian, V.K Khokhlova Zav.lab 28 no.10 1154-1156 '62.

POTI—CARGO HANDLING

The handling of freight in bulk in the port of Poti, S.I. Lelikh. Inform. shor. TsNIIMF no.71 Mor. pravo i prak. no.15:6-12 '61.

POTTER, EUGENE, 1910-1967

Poet-atheist. Valentin Dmitriev. Nauka i rel. 4 no.11: 86-87 N '62.

POTTERY, UZBEK

Rakhimov, M.K. [Artistic ceramics of Uzbekistan] Khudozhestvennaia keramika Uzbekistana. Tashkent, Akad. nauk Uzbekskoi SSR, 1961. 243 p. (MH)

POULTRY

(see also subdivision under Ukraine)

Pentoushkevich, E.E., ed. [Poultry] Sel'skokhoziaistvennaia ptitsa. Moskva, Sel'khozizdat, Vols.1-2. 1962. (DNAL)

Raikerus, A.A. [I am a poultry woman] Moia professiia - ptichnitsa. [Leningrad] Lenizdat, 1961. 14 p. (Vypolnim resheniia ianvarskogo Plenuma TsK KPSS) (DNAL)

POULTRY—FEEDING AND FEEDS

(see also subdivision under Ukraine)

Food rations for laying hens with a maximum content of corn. L.P.Radchenko. Visnyk sil'khoz.nauky 5 no.9:110-112 S '62.

POULTRY—PARASITES see Parasites—Poultry

POULTRY—PRICES

How the increase in state purchasing prices for cattle and poultry benefits the collective farms of the R.S.F.S.R. I.Lebedev. Ekon.sel'khoz. 33 no.8: 38-42 Ag '62.

POULTRY HOUSES AND EQUIPMENT
(see also subdivision under Yaroslavl Province)
From small poultry houses to large poultry raising departments and fully automated enterprises. R. M. Slavin. Vest. elektropriom. 33 no. 9:26-29 S '62

POWDER METALLURGY
Aksenov, G.I. [Principles of powder metallurgy] Osnovy poroshkovoi metallurgii. [Kulbyshev] Kulbyshevskoe knizhnoe izd-vo, 1962. 188 p.
Reduction of iron oxides by hydrogen in a fluidized bed at high pressures. P. IA. Nasonov and others. Izv. AN SSSR. Otd. tekh. nauk. Met. i topl. no. 5:29-36 S-O '62
Structure and properties of sintered aluminum powder (S. A. P.). A. I. Paisov, A. I. Kolpashnikov, Pan Ia-chen' [P'ang Ya-ch'ên]. TSvet. met. 35 no. 10:71-75 O '62.

POWER ENGINEERING
(see also subdivision under White Russia)
From the results of the work of the Plenum of the Scientific Council on "Power engineering and electrification." S. V. Byvshev. Teploenergetika 9 no. 11 94-96 N '62

POWER ENGINEERING—RESEARCH see subdivision under Rumania

POWER PLANTS—ABSTRACTS
[Power plants] Ref. zhur. Otd. vyp. 12: Sil. ust nos. 21-22 N '62.

POWER PLANTS—DESIGN AND CONSTRUCTION
Justification of the efficient types of combined gas-and-steam plants for high capacity power production. L. A. Shubenko-Shubin, M. P. Kaplan. Teploenergetika 9 no. 11 2-10 N '62.

POWER PRESSES—STANDARDS
[Press-forging equipment] Kuznechno-pressovoe oborudovanie. Izd. ofitsial'noi. Moskva, Standartgiz, 1961. 245 p.
[MICROFILM]

POWER RESOURCES
(see also subdivision under Korea, North)
Characteristics of the economics of power resources and production specialization in regions. A. E. Probst. Vop. geog. no. 57 39-57 '62.
Future geography of the fuel-power economy of the U. S. S. R. IA. A. Mazover, A. S. Nekrasov, V. K. Savel'ev. Vop. geog. no. 57:22-38 '62

POWER TOOLS—SAFETY MEASURES
Grigor'ev, P. M. [Safe operation of electric tools] Bezopasnye metody raboty elektrifitsirovannym instrumentom; opyt zavoda "Elektrosila." Leningrad, 1962. 18 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia: Mekhanicheskaia obrabotka, no. 16)

PRAGUE—GYMNASTICS
The Fifteenth Prague Festival, notes of a sports commentator. Anatolii Ivanov. Sov. Ukr. no. 9:182-185 S '62.

PRAGUE—LIBRARIES AND READERS
Raising the standard of individual work with readers. R. Malek. Trudy LGBI 8:257-270 '61.

PRAGUE—TELEVISION STATIONS
Political information on television. Viktor Ruzicka. Sov. rad. i tel. 6 no. 1:26-28 '57.

PRECAST CONCRETE
(see also subdivision under Kazakhstan)
"Economics and planning of the production of precast reinforced concrete" by D. M. Chudnovskii and others. P. Gorbushin, D. Bukshtein. Ekon. stroi. no. 9:62-63 S '62.
IAkobson, IA. M. [Young Worker's Handbook on the manufacture of precast reinforced concrete] Spravochnik molodogo rabochego po izgotovleniiu sbornogo zhelezobetona. Moskva, Profizdat, 1962. 237 p.
Murashev, V. I., E. E. Sigalov, and V. N. Baikov. [Reinforced-concrete elements] Zhelezobetonnye konstruktsii; obshchii kurs. Pod red. P. L. Pasternaka. Moskva, Gosstroiizdat, 1962. 658 p.
National-economic significance of the use of precast reinforced concrete in construction. V. Maliugin. Ekon. stroi. no. 9:37-42 S '62.
Raise the efficiency of the supply center for construction for the transportation industry. B. Levin. Ekon. stroi. no. 9:21-30 S '62.
Russia (1923- U. S. S. R.) Gosudarstvennyi komitet po delam stroitel'stva. [Standards SN 209-62 for the technical design of enterprises for the production of solid and cellular silicate concrete articles] Normy tekhnologicheskogo proektirovaniia predpriiatii po proizvodstvu izdelii iz plotnogo i iacheistogo silikatnogo betona (SN 209-62). Moskva, Gosstroiizdat, 1962. 18 p.
Some problems of the application of "Technical specifications for the manufacture and inspection of concrete and precast reinforced concrete products." Biul. stroi. tekh. 19 no. 9:33-34 S '62.

PRECAST CONCRETE—STANDARDS
Standards for the design of concrete and reinforced concrete elements. Biul. stroi. tekh. 19 no. 10:28-31 O '62.
The use of standardized dimensions of one-story buildings and of the assortment of factory-made precast reinforced concrete elements in design and construction. Biul. stroi. tekh. 19 no. 10:31-32 O '62.

PRECAST CONCRETE—TESTING
Experimental and theoretical study of the rigidity of eccentric compression of precast concrete structures. G. Golovnin. Stroi. i arkhit. 10 no. 9:25-29 S '62.

PRECAST CONCRETE CONSTRUCTION
Accuracy and quality. N. Zenkov, I. Svetashev. Pozh. delo 8 no. 10:12 O '62
Concerning the category of complex buildings and structures erected out of precast reinforced concrete. Biul. stroi. tekh. 19 no. 9:30-31 S '62.
Construction of irrigation flumes of precast reinforced concrete in the Golodnaya Steppe. U. IU. Pulatov and others. Vop. gidr. no. 5:99-105 '62
Drecki, Adam. [Reinforced-concrete lighting poles; types and manufacture. Translated from the Polish] Zhelezobetonnye osvetitel'nye opory, tipy i izgotovlenie. Moskva, Gosenergoizdat, 1961. 123 p.
House made of prefabricated rooms. P. Bronnikov. Sel'. stroi. no. 9:24-24a S '62.
Ioffe, IU. R., and I. P. Kuptsov. [Design and construction of large thermal electric power plants of precast reinforced concrete] Proektirovanie i stroitel'stvo moshchnykh teplovykh elektrostantsii iz sbornogo zhelezobetona. Moskva, Orgenergostroi, 1962. 77 p. (Iz opyta energeticheskogo stroitel'stva)

PRECIOUS STONES
Fersman, A. E. [Selected works] Izbrannye trudy. Moskva, Izd-vo Akad. nauk SSSR.
Vol. 7. 1962 592 p

PRECIPITATION (CHEMISTRY)
Kinetics of coprecipitation of a mixture of iron with calcium hydroxide from caustic alkali solutions. M. M. Kushnir. Ukr. khim. zhur. 28 no. 3:409-411 '62.
Precipitation of scandium hydroxide and scandium oxalate. V. M. Shatskii and others. Zhur. neorg. khim. 7 no. 10:2294-2298 O '62.

PRECIPITATION (METEOROLOGY) see subdivision under Black Sea region

PRECISION CASTING—PRODUCTION STANDARDS
Moscow. TSentral'noe biuro promyshlennykh normativov po trudu. [Time norms established in the general machinery industry for die casting and precision casting operations] Obshchemashinostroitel'nye normativy vremeni na liteinye raboty pri lit'e pod davleniem i po vyplavliaemym modeliam. Moskva, Mashgiz, 1962. 57 p.

PREFABRICATED BUILDINGS see Buildings, Prefabricated

PREGNANCY, COMPLICATIONS OF
Late outcomes of late pregnancy toxemias with changes in the fundus oculi. M. N. Krol'. Sov. med. 26 no. 8:132-136 Ag '62.

PREGNANCY, EXTRAUTERINE
Combination of extrauterine and uterine pregnancy. E. P. Adarich. Zdrav. Bel. 8 no. 5:52 My '62.

PRESS
(see also subdivision under White Russia)
Gor'kii, Maksim. [The press] O pechati. Moskva, Gospolitizdat, 1962. 366 p.
Increasing the effectiveness of the Soviet press. Sov. pech. no. 10:1-2 O '62.

PRESSED WOOD see Wood, Compressed

PRESSURE VESSELS
Russia (1923- U. S. S. R.) Komitet po nadzoru za bezopasnym vedeniem rabot v promyshlennosti i gornomu nadzoru. [Regulations for the manufacture and safe operation of high-pressure vessels; mandatory for all ministries and departments] Pravila ustroistva i bezopasnoi ekspluatatsii sosudov, rabotaiushchikh pod davleniem; obiazatel'ny dlia vsekh ministerstv i vedomstv. Izd. 4. Moskva, Gosgortekhizdat, 1961. 79 p.

PRESTRESSED CONCRETE
Rinaldi, Giuseppe, engineer. [Prestressed concrete, technology of production, standards, design, and testing. Translated from the Italian] Predvaritel'no napriazhennyi zhelezobeton; tekhnologiia proizvodstva, normy, proektirovanie i ispytaniia. Moskva, Gos. izd-vo lit-ry po stroit. i arkhit., 1957. 94 p.
(GAT)

PRESTRESSED CONCRETE CONSTRUCTION
Use precast reinforced concrete in road construction. E. N. Dubrovin and others. Gor. khoz. Mosk. 36 no. 9:17-20 S '62.

PREVENTION OF CRIME see Crime prevention

PRIANISHNIKOV, DMITRII NIKOLAEVICH, 1865-1948
Founder of Russian agricultural chemistry; D. N. Prianishnikov and the chemicalization of agriculture. S. I. Vol'fkovich. Priroda 51 no. 10, 93-95 O '62.
Peterburgskii, A. V. [D. N. Prianishnikov and his theories] D. N. Prianishnikov i ego shkola. [Moskva] Sovetskaia Rossiia, 1962. 100 p.
(DNAL)

PRICES
Conference at the G. V. Plekhanov Institute of National Economy in Moscow. A. Dorinbin. Nauch. dokl. vys. shkoly, ekon. nauki no. 5:100-106 '62.
The system of prices and the tasks of the building of communism. D. Kondrashev. Ekon. sel'khoz. 38 no. 9:28-32 S '62.

PRISHIMSKYI DISTRICT—STOCK AND STOCKBREEDING
Visiting the "Zarechnyi" stockbreeders. V. Bykov. Part. zhizn' Kazakh. no. 6 12-14 Je '62

PRINT SHOPS see Printing plants

PRINTING
Shops with overall mechanization and ways to automate them. A. Smirnov, A. Lavrisevich, I. Valershtein. Poligr. proizv. no. 10:15-17 O '62.
Techniques of aniline printing. T. I. Mikhailov, IU. P. Sal'nikov, E. M. Berkman. Poligr. proizv. no. 10:20-21 O '62

PRINTING—DICTIONARIES
Borozina, A. M., and others, comps. [English-Russian dictionary of printing terms] Anglo-russkii poligraficheskii slovar'. Pod obshchei red. A. A. Tiurina. Moskva, Glav. red. mostr. nauchno-tekhn. slovarei Fizmatgiza, 1962. 450 p.

PRINTING—EXHIBITIONS
[Best books of 1959] Luchshie knigi 1959 goda. Moskva, Iskusstvo, 1962. 115 p.

PRINTING INDUSTRY
(see also subdivision under Leningrad; Lithuania)
Economical work and its results. A. Ignatov. Poligr. proizv. no. 10:6-8 O '62
Leningrad printers are in socialist competition. O. A. Astaf'eva, E. M. Liadova. Poligr. proizv. no. 10:8-9 O '62.

PRINTING INDUSTRY—EQUIPMENT AND SUPPLIES
[Equipment and technology of the printing industry] Ref. zhur. Otd. vyp. 37: Obor. i tekh. poligr. proizv. nos. 21-22 N '62.

PRINTING INDUSTRY—FINANCE see subdivision under Leningrad Province

PRINTING INDUSTRY—PRODUCTION STANDARDS
The quality of the format of printed matter and ways to improve it. F. Alekhikova, I. Dul'tsyn, G. Ianson. Poligr. proizv. no. 10:4-6 O '62.

PRINTING MACHINERY AND SUPPLIES
Automation of high-speed welding of masticated rubber products. IU. P. Galuzin, A. D. Dudnikov, V. V. Smirnov. Poligr. proizv. no. 10:17-19 O '62.
For the printing houses of Leningrad. N. I. Zaikin, V. A. Sekliutskii, V. IA. Khrichenko. Poligr. proizv. no. 10:22-23 O '62.
Our plans in the field of equipment and techniques. E. Magunov, V. Vikhorev. Poligr. proizv. no. 10:3-4 O '62.
Production line for the preparation of paper and bookbinding materials. M. I. Bardenshtein, N. N. Iaolkaia. Poligr. proizv. no. 10:28-29 O '62.
Ways to lower losses of printing alloys. IA. Ukrainskii, E. Pravdina. Poligr. proizv. no. 10:25-28 O '62.
What the Leningrad printing machinery plant is working on. N. Kol'tsov. Poligr. proizv. no. 10:21-22 O '62

PRINTING OFFICES see Printing plants

PRINTING PLANTS
New building for "Krasnaia Zvezda." P. Korzinkin. Sov. pech. no. 10:46 O '62.

PRINTING PLATES
Automation of the manufacture of steel offset printing plates. S. F. Mokhov, A. I. Germogenov, M. V. Bukhmarev. Poligr. proizv. no. 10:14-15 O '62
Emulsion etching of printing plates. A. N. Zvereva. Poligr. proizv. no. 10:10-12 O '62.

PRISON SENTENCES
Decision No. 10 of the plenary session of the Supreme Court of the U. S. S. R. of July 31, 1962 "Judicial practice in designating the type of corrective labor colony in prison sentences." Biul. Verkh. Suda no. 5:13-16 '62.

PRISONS
A conference of public prosecutors on problems concerning the supervision of prisons and jails. IU. M. Kots. zakon. 32 no. 8:72-73 Ag '62.

PROBABILITIES
Some polynomials occurring in probability theory [with summary in English]. V. V. Petrov. Vest. LGU 17 no. 19:150-153 '62.

PROCTOSIGMOIDOSCOPY

Method for preparing patients for rectoromanoscopy. A. I Al'per in. Vrach. delo no. 10:129 O '62

PRODIGIOSINE—PHYSIOLOGICAL EFFECT

Prodigiosine, a biologically active polysaccharid derived from Bacterium prodigiosum. G. E. Vaisberg and others. Dokl. AN SSSR 146 no. 5:1233-1236 O '62.

PRODUCE TRADE

Gaponenko, G. S., and M. Gorodskii. [New system of state agricultural produce procurements on collective farms] O novoi sisteme zagotovok sel'skokhozlaistvennykh produktov v kolkhozakh. Moskva, Gos. izd-vo polit. lit-ry, 1959. 93 p. (NNC)

PRODUCE TRADE—PRICES

Accumulation and the problem of price determination. G. Romanchenko. Ekon. sel'khoz. 33 no. 9, 32-37 S '62.

PRODUCTION STANDARDS

Combining material and moral work incentives. Sots. trud 7 no. 8:3-10 Ag '62.

Conferences on the work organization of auxiliary workers. Sots. trud 7 no. 8:145-146 Ag '62.

"Organization of work and establishing work norms in industrial enterprises." Edited by P. F. Petrochenko. Reviewed by Mel'nikov. Sots. trud 7 no. 8:152-154 Ag '62.

"Setting of norms for track maintenance work and its technology" by L. M. Il'in, M. G. Riabinov. Reviewed by V. I. Tikhomirov. Put' i put khoz. 6 no. 9:43 '62.

PRODUCTIVITY ACCOUNTING

Determining labor productivity on the basis of the aggregate expenditure of living and past labor. M. Fedorovykh. Sots. trud 7 no. 10:39-41 O '62.

The first interbranch balance of labor expenditure in the national economy of the U. S. S. R. M. Eidel'man. Vest. stat. no. 10:3-17 '62.

Main indices of the interbranch balance of the expenditure of labor in production for 1959. Vest. stat. no. 10:81 '62.

Several problems in measuring labor productivity. S. Shnitser. Sots. trud 7 no. 10:36-39 O '62.

PROFESSIONAL EDUCATION

Diploma dissertations taking place in a factory. E. Kanevets. Mest. prom. i khud. promys. 3 no. 8:12 Ag '62.

PROGRAMMING (ELECTRONIC COMPUTERS)

Solution of some problems on the theory of dynamic programming using electronic simulating devices [with summary in English]. Nguen Tkhan' Bang. Avtom. i telem. 23 no. 9:1130-1140 S '62

Trifonov, N. P., G. S. Rosliakov, and E. A. Zhogolev, eds. [Computing techniques and programming; collection of works of the Moscow University Computer Center] Vychislitel'nye metody i programmirovanie; sbornik rabot Vychislitel'nogo tsentra Moskovskogo universiteta. [Moskva] Izd-vo Mosk. univ., Vol. I. 1962. 349 p.

PROGRAMMING (MATHEMATICS)

Akademiia nauk SSSR. Otdelenie ekonomicheskikh, filosovskikh i pravovykh nauk. [Mathematical methods in technical and economical calculations] Matematicheskie metody v tekhnika-ekonomicheskikh raschetakh. Moskva, Izd-vo Akad. nauk SSSR, 1961. 166 p. (DBC) (CStmoR)

PROGRESS

"Evolution and progress" [in English] by M. Ginsberg. Vol. 3. Reviewed by S. A. Efirov. Vop. filos. 16 no. 10:167-170 '62.

PROHIBITED BOOKS

Lombardi in disgrace. I. Lavretskii. Nauka i rel. no. 5: 46-47 My '62.

Prohibited thoughts. G. Vasil'ev. Nauka i rel. no. 5:33-35 My '62.

Shushuk-ogly or Missionary Matveev? A. Blium. Nauka i rel. 4 no. 11:61-62 N '62.

PROJECTILES, AERIAL

Precision of homing guidance. L. Evlanov. Av. i kosm. 45 no. 10:71-74 '62.

Rocket airplane. A. Tupolev. Av. i kosm. 45 no. 6: 3-6 '62

Surikov, B. T. [Aircraft rockets] Samoletnye rakety. Moskva, Voenizdat, 1962. 69 p. (Raketnaia tekhnika)

What affects the precision of rocket guidance? D. Gladkov. Av. i kosm. 45 no. 6:79-83 '62

PROJECTION

Development of the lines of intersection between a parabolic cylinder, a circular cylinder, and a plane. G. V. Butova. Izv. LETI 57 no. 39:264-270 '59.

Kadyshevskii, V. G. [Different parametrizations in quantized space-time theory] O razlichnykh parametrizatsiiakh v teorii kvantovannogo prostranstva-vremeni. Dubna, Ob'edinennyi in-t iadernykh issl., 1962. 6 p.

PROJECTORS

Microprojector. A. Evseev. Nauka i zhizn' 29 no 6: 71 Je '62

PROLETARSKAYA RESERVOIR—ROACH (FISH)

Regulation of roach (Rutilus rutilus heckeli Nordm), fisheries in Proletarskaya Reservoir. K. N. Titova, L. A. Berival'd. Vop. ikht. 2 no. 3:428-432 '62.

PROMINSKI, JAN, D 1923

A friend of Lenin. Józef Kozlowski. Ukraina no. 21:6 N '62.

PROPAGANDA, ANTI-COMMUNIST see subdivision under United States

PROPAGANDA AND RADIO see Radio in propaganda

PROPAGANDA IN RADIO see Radio in propaganda

PROPANE

Effect of curvature on the rate of propagation of a laminar flame in a poor propane-air mixture. V. S. Babkin, I. L. Kuznetsov, L. S. Kozachenko. Dokl. AN SSSR 146 no. 3:625-627 S '62.

Synthesis of 1, 1, 1, 3-tetranitro-2-alkylpropanes and their cleavage by the action of bases. S. S. Novikov and others. Izv. AN SSSR, Otd. khim. nauk no. 10:1853-1855 O '62.

PROPANESULFONIC ACID

Sodium 2-(β,γ-dimercaptopropoxy)-ethanesulfonate, an analog of unithiol. V. E. Petrun'kin, V. A. Portnigina. Ukr. khim. zhur. 28 no. 6:721-723 '62.

PROPENE

Effect of supermolecular structure on the strength of polypropylene. V. E. Gul', V. V. Kovriga, A. M. Vasserman. Dokl. AN SSSR 146 no. 3:656-658 S '62.

Oxidation of propylene on cobalt-manganese spinels with lithium, titanium, and copper oxides added. V. R Linde, L. IA Margolis. Izv. AN SSSR, Otd. khim. nauk no. 10:1723-1728 O '62

Synthesis of methacrylic acid based on isobutylene. B. F. Ustavshchikov, M. I. Farberov, V. A. Podgornova. Neftekhimiia 2 no. 1:592-599 Jl-Ag '62.

PROPERDINE

Properdine system and its role in infection and immunity. Report No. 7. V. I. Pokrovskii, E. V. Chernokhvostova, V. D. Nikitina. Zhur. mikrobiol., epid. i immun. 33 no. 8:131 Ag '62.

PROPIONIBACTERIUM

Effect of sodium hyposulfite on the biosynthesis of vitamin B_{12} by Propionibact. Jensenii. L. I. Vorob'eva. Dokl. AN SSSR 146 no. 3:693-695 S '62.

PROPORTIONING EQUIPMENT

Automatic device for filling batchmeters which takes into account the concentration of liquid. O. IA. Shnaider, M. I. Gorfinkel'. Khim. prom. [Ukr.] no. 1:72-73 Ja-Mr '62.

Volumetric batcher for bitumen. A. I Musatov, IA. D Kaganovskii. Avt. dor. 25 no. 10 26 O '62

PROPYNE

Fluoro-derivative acetylenic hydrocarbons. α-Fluorinated propyne perhalides. A. M. Shchekotokhin and others. Zhur. VKHO 7 no. 5, 580-582 '62.

Reaction of phenol with methylacetylene in the presence of boron fluoride compounds. D. A. Novokhatka, A. A. Glushkova, N. M. Chetverikova. Zhur. VKHO 7 no. 5: 586 '62.

PROSOBRANCHIATA see subdivision under Pacific Ocean

PROSPECTING

(see also subdivision under Salair Ridge)

Competing for the title of collective of communist labor. Z. I. Ivanovskaia. Razved. i okh. nedr 28 no. 5, 60-61 My '62.

For a further increase in trade-union work. P. I. Shelakhin. Razved. i okh. nedr 28 no. 6:56-60 Je '62.

Lugov, S. F. [How to search for tin] Kak iskat' olovo. Izd. 2. Moskva, Gosgeoltekhizdat, 1962. 25 p. (Bibliotechka iskatelia poleznykh iskopaemykh)

Methodology of prospecting operations in connection with underground storage of gas. I. G. Lodzhevskii. Trudy SGPK no. 3:35-46 '62.

Novosel'skoye upland is a possible location underground storage of gas in the central trans-Ural region. A. I. Malinov. Trudy SGPK no. 3:163-171 '62.

Prospecting for stockwork-type molybdenum deposits. G. G. Kulutskii. Razved. i okh. nedr 28 no. 5:11-17 My '62.

Results of prospecting and determining the basic parameters of a reservoir formation and the hermetic capacity of the cap rock by the gas stimulation method in the Ryazan structure. S. I. Strazhgorodskii Trudy SGPK no. 3:80-102 '62.

Results of prospecting and opening up the Shchelkovo structure in connection with test injection of gas A. M. Masterkov. Trudy SGPK no. 3:67-79 '62.

Results of prospecting operations in the Kaluga area. A. V. Katsman, S. V. Tikhomirov. Trudy SGPK no. 3: 47-66 '62.

Results of prospecting operations performed by the Union Geological Prospecting Bureau between 1956 and 1960 for purposes of organizing the underground storage of gas. I. I. Afanasenkov. Trudy SGPK no 3 16-34 '62

State and results of prospecting operations in connection with the underground storage of gas in the Kiev Economic Region of the Ukrainian S. S. R. I. V. Kuznetsov. Trudy SGPK no 3 125-162 '62.

State of underground gas storage in the Leningrad industrial area. M. I. Peisik, L. I. Stankevich, V. N. IAroshenko. Trudy SGPK no 3 103-124 '62

To the Central Committee of the Communist Party of the Soviet Union. Razved. i okh. nedr 28 no. 6:1-2 Je '62.

Work of the leadership of research institutions and design bureaus in the competition for the title of collective of communist labor. V. A. Kuzin. Razved. i okh. nedr 28 no. 5, 61-63 My '62.

PROSPECTING—EQUIPMENT AND SUPPLIES

Improve the methods of determining the needs of geological organizations for equipment and supplies. M. A. Minashkin. Razved. i okh. nedr 28 no. 6:18-21 Je '62.

PROSPECTING—GEOPHYSICAL METHODS

(see also subdivision under Transbaikalia)

Dakhnov, V. N. [Interpretation of the results of geophysical studies of cross sections of holes] Interpretatsiia rezul'tatov geofizicheskikh issledovanii razrezov skvazhin. Izd. 2., perer. i dop. Moskva, Gostoptekhizdat, 1962. 547 p.

———— [Album of diagrams for interpreting the results of studies of holes by the resistivity method] Al'bom paletok dlia interpretatsii rezul'tatov issledovanila skvazhin metodom soprotivlenii. 17 graphs (in portfolio)

Economic efficiency of geophysical prospecting of drill holes in ore deposits. A. K. Kozyrin, M. S. Rovinskii. Izv. vys. ucheb. zav., gor. zhur., no. 10:66-73 '61.

Electric prospecting for the drainage of mine workings. N. U. Savenkov. Ugol' 37 no. 11 26-29 N '62

Sensivity threshold of induction-type magnetic transducers for magnetotelluric probing. M. V. Kolmakov. Izv. vys. uch. zav.; geol. i razv. 5 no. 7:108-114 Jl '62.

PROSTHESIS

We need the new construction of a mobile workshop. G. Dikkert. Sots. obesp. 23 no. 10, 47 O '62.

PROTEASE

Comparative study of the conditions for isolating protease from the mycelium of Penicillium chrysogenum S. I. Bezborodova. Trudy Len. khim.-farm. inst no 13: 38-44 '61.

PROTECTION OF PLANTS see Plants, Protection of

PROTECTION OF WILD FLOWERS see Plants, Protection of

PROTECTIVE ATMOSPHERES

Argon-arc gun with gas economizer. G. S. Smelkov, N. I. Danilov. Svar. proizv. no. 10:40 O '62.

Pas', A. I., and V. N. Chutkov. [Welding of aluminum-magnesium alloys in an argon-shielded atmosphere over a layer of flux] Svarka aliuminievo-magnievykh splavov v srede argona i po sloiu flliusa. Leningrad, 1962. 19 p. (Leningradskii dom nauchno-tekhicheskoi propagandy. Obmen peredovym opytom. Serila; Svarka i paika, no. 7)

"Soft" chamber for the welding of titanium and its alloys L. M. Berson. Svar. proizv. no. 10 36-38 O '62

PROTECTIVE CLOTHING see Clothing, Protective

PROTECTIVE COATINGS

Coal-tar lac as a material for coating cast-iron sewer pipes. V. M Pishchev, M. A Danilov. Sbor. trud. NIIST no. 10:126-131 '62

Phase constitution of the diffusion layer on boron-saturated nickel. S. B. Maslenkov, D. N. Zharkova. Fiz. met. i metalloved. 14 no. 4:638-640 O '62.

Terlo, G. IA. [Parkerizing primers and their use in industry] Fosfatiruiushchie grunty i ikh primenenie v promyshlennosti. Leningrad, 1962. 32 p. (Leningradskii dom nauchno-tekhicheskoi propagandy. Obmen peredovym opytom. Serila: Zashchitnye pokrytila, no. 4)

Zasukhina, L. Z. [Protective enamel coatings] Zashchitnye emalevye pokrytila. Leningrad, 1962. 20 p. (Leningradskii dom nauchno-tekhicheskoi propagandy. Obmen peredovym opytom. Serila: Zashchitnye pokrytiia, no. 1)

PROTEIN METABOLISM

Characteristics of protein restoration in the cerebral cortex as dependent on its functional state. E. L. Shnlak. Dokl. AN SSSR 146 no. 3:734-736 S '62.

Some changes in the protein and carbohydrate metabolism of almond buds at low temperatures. K. A. Karapetian. Izv. AN Arm. SSR. Biol. nauki 15 no. 7:43-50 '62.

Water, protein and lipid metabolism in hypertension [with summary in English]. R. I. Mikunis, M. G. Sheverda. Vrach. delo no. 10:35-40 O '62.

PROTEINASE

Purification of the proteinase of Bac Sporogenes. V N. Shvedova, V. F. Kondrat'eva Trudy Len Khim -farm inst. no. 13:33-37 '61.

PROTEINS

C-reactive protein in tuberculous patients [with summary in English]. V. P. Belogurova, V. V. Navrotskii. Sov. med. 26 no. 8 99-102 Ag '62.

Chemistry of life (conclusion). V. A Engel'gardt. Nauka i zhizn' 29 no. 6:8-14 Je '62.

Determination of protein in food products by the Kjeldahl method without distillation [with summary in English]. M. P. Bolotov. Vop. pit. 21 no. 3 14-17 My-Je '62.

Effect of choline and threonine on fatty infiltration of the liver caused by choline and protein deficiency [with summary in English]. M. N. Volgarev, N. M. Fil'chagin. Vop. pit. 21 no. 3 40-47 My-Je '62.

Electrophoretic changes in the proteins during the process of preserving diphtheria serum V I Saichuk, N G Milenina Trudy NIVI i 268-276 '60

Food protein as an ecologic and physiological factor. V. V. Chernomordikov, N. F. Nadiarnaja. Biul. MOIP, Otd. biol. 67 no. 4 140-141 Jl-Ag '62.

Nucleic acids and the problem of protein biosynthesis. A. N. Belozerskii. Vest. AN SSSR 32 no 10:26-35 O '62.

Photometric determination of protein in milk [with summary in English]. A. D. Gololobov. Vop. pit. 21 no. 3 17-22 My-Je '62.

Plant protein. N. A. Maisurian. Priroda 51 no. 10 37-46 O '62.

The protein problem in agriculture [with summary in English]. N. A. Maisurian. Izv. AN SSSR. Ser biol. no 5:553-559 S-O '62.

Reaction to C-reactive protein in tuberculosis [with summary in English]. V. P. Belogurova, V. V. Navrotskii. Vrach. delo no. 10 77-80 O '62.

Relation between RNA and proteins of cellular structures. R. R. Akhmetov, V. G. Konarev. Dokl AN SSSR 146 no. 5:1220-1222 O '62.

Resources of feed protein. P. A. IAkimov, G. K. Mil'berg Vest. AN SSSR 32 no 10:113-115 O '62.

Specific dynamic action of food after total resection of the stomach in man [with summary in English]. A. P. Borisov, G. F. Harkova. Vop. pit. 21 no. 3:32-37 My-Je '62.

PROTONS

Cascade α-particles from carbon nuclei split by 660 Mev. protons [with summary in English]. A P Zhdanov, P I Fedotov Zhur. eksp i teor. fiz 43 no. 3 835-838 '62.

Decay reactions of carbon and oxygen nuclei induced by 15-29 Mev. protons [with summary in English]. S. S. Vasil'ev, V. V. Komarov, A. M. Popova. Zhur. eksp. i teor. fiz. 43 no. 3 737-748 '62.

Emission of delayed protons in positron decay of neutron-deficient nuclei. V. I. Gol'danskii. Dokl. AN SSSR 146 no. 6:1309-1311 O '62.

Production of ΛK^0 and K^0K^0 pairs in interactions between protons and 7-8 Bev./c π^--mesons [with summary in English] Van IUn-chan [Wang Yung-ch'iang] and others Zhur. eksp. i teor fiz. 43 no. 3 815-822 '62

Veksler, V. I., and others. [Polarization of Λ-hyperons produced in π^--p-interactions at an energy of 7-8 Bev.] Izuchenie poliarizatsii Λ-giperonov pri rozhdenii v π^--p-vzaimodeistviiakh s energiei 7-8 Bev. Dubna, Ob"edinennyi in-t iadernykh issl., 1962. 23 p.

PROTONS—SCATTERING

Elastic and inelastic proton scattering by Ne^{22} nuclei [with summary in English]. P. V. Sorokin. Zhur. eksp. i teor. fiz. 43 no. 3 749-751 '62.

Elastic scattering of 5.45 Mev. protons by magnesium isotopes [with summary in English]. A. P. Klucharov, N. IA. Rutkevich. Zhur. eksp. i teor. fiz. 43 no. 3, 775-776 '62.

A more accurate presentation of the effective radius theory obtained with the aid of the Mandel'stam dispersion relations [with summary in English]. V. I. Lenitel, IU. M. Lomsadze, B. M. Ernst Zhur. eksp i teor fiz. 43 no. 3:974-976 '62

PROTONS—SPECTRA

Angular and energy distributions of photoprotons from heavy nuclei [with summary in English]. V. G. Shevchenko, B. A. IUr'ev. Zhur. eksp. i teor fiz. 43 no. 3 860-864 '62.

PROTOPLASM

Movement of cytoplasm and chloroplasts in the cells of detached leaves of Elodea canadensis [with summary in English] S. V Tageeva, E N Kazantsev. Fiziol rast 9 no. 5.542-549 '62.

PROTOZOA, PATHOGENIC

(see also subdivision under Alma-Ata Province, Kazakhstan)

Protozoa of wild animals morphologically resembling Toxoplasma. D. N. Zasukhin. Trudy Inst. zool. AN Kazakh. SSR 16:9-14 '62.

PROVAL BAY—GEOMORPHOLOGY

Geomorphology and bottom sediments in Proval Bay. G. A. Kazenkina, N. P. Ladokhin. Trudy VSGI SO AN SSR no. 3, 35-39 '61.

PROVAL BAY—SEDIMENTS (GEOLOGY)

Geomorphology and bottom sediments in Proval Bay. G. A. Kazenkina, N. P. Ladokhin. Trudy VSGI SO AN SSR no. 3 35-49 '61.

PROVERBS, BURYAT

Popular proverbs in "At sunrise," a novel by Kh Namsaraev. Trudy BKNII no. 6 176-183 '61.

PROVERBS, RUSSIAN

Kashcheev, V. S., comp. [Without God the path is wider, proverbs and sayings] Bez Boga - shire doroga, poslovitsy i pogovorki. [Saratov] Saratovskoe knizhnoe izd-vo, 1961. 77 p. illus.
(NNC)

PROVERBS, TURKMEN

[Turkmen proverbs and sayings] Turkmenskie poslovitsy i pogovorki. Ashkhabad, Turkmenskoe gos. izd-vo, 1961. 165 p.

PROVERBS, WHITE RUSSIAN

IAnkouski, Fiodor, comp [White Russian proverbs, sayings, and idioms] Belaruskiia prykazki, prymaўki, frazealagizmy. Vyd. 2., dap Minsk, Vyd-vo Akad navuk BSSR, 1962. 555 p.

PRUNING

Effect of root pruning time on the opening of cotton bolls. H. G. Protsenko. Uch. zap. Biol. -pochv. fak. Kir. un. no. 7:49-54 '58.

Pruning apple and pear trees in the school garden plot and the school training and experimental orchard I M. Chvilev. Izv. Vor. gos. ped inst 38 3-15 '61.

PRUSSIC ACID see Hydrocyanic acid

PRUT VALLEY—ALGAE

First occurrence of Chytridiochloris scherffelii (Pasch.) Ettl in the U.S.S.R. P. A. Obukh. Bot. mat. Otd. spor. rast. 15:57-62 Ja '62.

PSEUDOUREA

Reduction of the toxic action of lethal doses of antineoplastic preparations using aminoethylisothiuronium [with summary in English]. L. F. Larionov, and others. Biul. eksp. biol. i med. 53 no. 6:66-71 Je '62.

PSHYRKOU, IUL'IAN SIARHEEVICH, 1912-

A student of White Russian literature. A. Shaumin. Belarus' 19 no 10 26 O '62

PSILOMELANE see subdivision under Kazakhstan

PSKOV—RADIO INDUSTRY—FIRES AND FIRE PREVENTION

New developments in the life of the plant. G. Borisova. Pozh. delo 8 no 10:3-5 O '62

PSORIASIS

Age characteristics of the clinical aspects of metabolism in psoriasis. R. F. Fedorovskaia, N. A. Dobrotina. Sov. med. 26 no. 8, 136-140 Ag '62.

PSYCHIATRIC HOSPITALS

(see also subdivision under Nadzornyy)

Scientific bases for planning outpatient psychoneurological service and new problems in the therapeutic work of psychoneurological dispensaries E. D. Krasik. Trudy Gos. nauch. -issl. inst. psikh. 27:359-366 '61.

PSYCHIATRY

Use of the serogram method in the psychiatric clinic. N. V. Vasil'ev. Trudy Gos. nauch. -issl. inst. psikh. 27: 169-171 '61.

PSYCHOLOGY, MILITARY

How we observe the rules of the "ethical code." Komm. Vooruzh. Sil 3 no. 21:39-45 N '62.

"Psychology for sergeants" by M. P Korobeinikov. Reviewed by L. Cherkasov. Voen. vest. 42 no. 10:124-125 O '62.

PSYCHOLOGY, PATHOLOGICAL

Litigiousness of psychopaths which does not preclude responsibility. T. P. Pechernikova. Trudy Gos. nauch. -issl. inst. psikh. 27 284-291 '61.

PSYCHOLOGY, PHYSIOLOGICAL

Effect of conveyer work on the condition of workers. Report No. 3. Functional changes in workers carrying out an operation in which elements are united into a specific logical structure. V. G. Asseev. Dokl. APN no. 3:21-24 '62.

PSYCHOSES

Mental changes and psychoses in influenza in Khabarovsk during the period of the 1957 pandemic. L. B. Galant, M. P. Chernukhina, O. A. Denisieva. Trudy Khab. med. inst. no. 20:171-176 '60.

PSYCHOTHERAPY

Characteristics of psychotherapeutic aid in the country. IA. N. Vorobeichik, M. IA. Minkevich. Sov. med. 26 no. 8:144-145 Ag '62.

PSYCHROMETERS see Hygrometry

PTERIDOSPERMAE

New materials characterizing the genus Pachypteris (Pteridospermaphyta) N. P Gomolitskii, V V Kolesnikov, T A Sikstel' Paleont zhur no 2:156-162 '62

PUBLIC BUILDINGS

Moscow. Moskovskii inzhenerno-stroitel'nyi institut [Architecture of public and industrial buildings, a history of architecture] Arkhitektura grazhdanskikh i promyshlennykh zdanii, istoriia arkhitektury. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1962. 283 p.

PUBLIC HEALTH

(see also subdivision under Asia, Dnepropetrovsk, Murmansk Province; Tashkent)

Brief news. Zdrav. Bel. 8 no. 5:78 My '62

Comparison of the general morbidity incidence among the city population and among workers in industrial enterprises I D Bogatyrev Sov. zdrav 21 no 10 40-43 '62

Kalinin, M. I. [Public health and medicine] O zdravookhranenii i meditsine Moskva, Medgiz, 1962. 170 p (DNLM)

Let's give more attention to attracting the public to health protection for the nation. S. IA. Cibkin, I. I. Udintsov. Zdrav. Ros. Feder. 6 no. 9:6-10 S '62.

The people and public health. N. A. Vinogradov. Zdorov'e 8 no. 11:1-3 N '62.

"Pravda" on guard for the health of the workers. Zdrav. Bel. 8 no. 5:3-5 My '62.

Public health and the public. B. D. Petrov. Zdrav. Ros. Feder. 6 no. 9:3-5 S '62.

Spring of the people's initiative. Zdorov'e 8 no. 10:2 O '62.

Vinogradov, N. A., ed. [Public health organization in the U. S. S. R.; a textbook for physicians] Organizatsiia zdravookhraneniia v SSSR; posobie dlia vrachei. 2 iz. i. Moskva, Medgiz, 1962. 664 p.
(DNLM)

PUBLIC HEALTH—BIBLIOGRAPHY see Bibliography—Public health

PUBLIC HEALTH—PERIODICALS

Work of the journal, "Zdravookhranenie Belorussii", in 1961. Zdrav. Bel. 8 no. 5:72-75 My '62

PUBLIC HEALTH—STUDY AND TEACHING

Teaching of public health organization in the stomatological department. I. E. Golovchiner. Zdrav. Ros. Feder. 6 no. 9:25-27 S '62.

PUBLIC HEALTH, RURAL

Planning the development of rural public health V I Kant. Sov zdrav 21 no. 10 34-38 '62.

Vague, erroneous suppositions, a propos of I. I. Ilinskii's article IA I Rodov. Sov zdrav 21 no 10 64-68 '62

PUBLIC HEALTH ADMINISTRATION

Potarikina, L. L. [The work of district soviets in the field of public health and social insurance] Deiatel'nost' raionnogo Soveta v oblasti zdravookhraneniia i sotsial'nogo obespecheniia. Otv. red. D. M. Rabil. Moskva, Gosturizdat, 1962. 62 p. (Bibliotechka rabotnika raionnogo Soveta)

PUBLIC PROSECUTORS

(see also subdivision under Velikiye Luki)

False interpretation of the role of Soviet public prosecutors by bourgeois lawyers. S. Berezovskaia. Sots. zakon 39 no. 11:58-62 N '62.

Glorious anniversary. Sots. zakon. 39 no. 11:3 N '62.

How public prosecutors supervise the observance of laws Sots. zakon. 39 no. 11:86-90 N '62

How the public prosecutors of the U. S. S. R. supervise the observance of laws. Sots. zakon. 39 no. 8:82-85 Ag '62.

In the Office of the Public Prosecutor of the U. S. S. R. Sots. zakon. 39 no. 8:50-53 Ag '62.

Onipko, N. Z., and P. M. Petrenko. [How public prosecutors supervise the observance of laws by economic councils] Prokurorskii nadzor za soblIudeniem zakonnosti v deiatel'nosti sovnarkhozov. Otvet. red. G. P Toropov. Moskva, Gosturizdat, 1962. 56 p.

Public prosecutors in their supervisory work should give special attention to the prevention of crime and lawbreaking. M. Katsuk. Sots. zakon. 39 no. 8:0-14 Ag '62.

Public prosecutors should be at the forefront of the struggle against crime and the violation of Soviet laws N. Kadnikov Sots. zakon. 39 no. 11:23-25 N '62

Supervising the observance of laws on the protection of collective and state farm property. F. Polozkov. Sots. zakon. 39 no 11:19-22 N '62.

Supervision of the observance of agricultural laws should contribute to the solution of new problems M. IAkovlev. Sots. zakon. 39 no 11:15-19 N '62

We should thoroughly examine the complaints and requests of Soviet citizens. S. Shishkov. Sots. zakon. 39 no. 8:3-8 Ag '62.

PUBLIC RELATIONS see subdivision under United States

PUBLISHERS AND PUBLISHING
(see also subdivision under Moscow)
More books for our servicemen. E. Galkin. Komm. Vooruzh. Sil 3 no. 21:73-75 N '62.

PUERARIA see subdivision under Khasanskiy District

PUGACHEV, EMEL'IAN IVANOVICH, D 1775
Brief notes on interesting things. Smena 39 no. 21:11 N '62.

PULKOVO OBSERVATORY
Solar magnetograph of the Pulkovo Observatory [with summary in English]. Part 2. L. M. Kotliar. Izv. GAO 22 no. 2 95-107 '61.

PULMONARY ARTERY
Comparison of the electrokymographic changes with the anatomical and with the pressure in the left auricle and pulmonary artery in mitral stenosis [with summary in English]. IU. I. Akimov, V. D. Fedorov. Grud. khir. no. 4:51-58 Jl-Ag '62.

PULMONARY EMBOLISM
Embolisms of the pulmonary artery as complications in fractures. N. I. Bgantsev. Khirurgiia no. 9:114-119 '62.

PULMONARY FIBROSIS
Hemorrhagic vasculitis with pericarditis and lung lesions of the Hamman-Rich syndrome type. A. M. Pleshkov. Vrach. delo no. 10:143-144 O '62.

PULSE
Method for determining the rate of pulse wave spreading. V. D. Dzhordzhikiia. Vrach. delo no. 10:110-111 O '62.

PULSE CIRCUITS
Calculation of the operation of a pulse generator with an erosion gap. I. S. Rogachev, A. N. Tkachenko. Izv. vys. ucheb. zav. ;elektromekh. 5 no. 6:679-683 '62.

Calculation of the pulse-droop compensating networks of pulse transformers. P. N. Matkhanov, IU. A. Petrov. Izv. LETI 59 no. 46 126-133 '62.

Cyclic integration network. B. A. Beskov, N. N. Privezentsev. Trudy MIIT no. 141:149-157 '62.

Litvinenko, O. N., and V. I. Soshnikov. [Design of pulse-shaping lines] Raschet formiruiushchikh linii. Kiev, Gostekhizdat, 1962. 113 p.

Pulse separating network for a servo system. N. S. Anishin. Izv. vys. ucheb. zav. ;elektromekh. 5 no. 6:646-649 '62.

PULSE TECHNIQUES (ELECTRONICS)
Cyclic functional converters of pulse numbers. V. B. Smolov. Izv. LETI 59 no. 46 12-49 '62.

High-speed sampled-data systems with switching between sampling instants [with summary in English]. R. S. Rutman. Avtom. i telem. 23 no. 9:1224-1238 S '62.

Kalashnikov, A. M., and V. Z. Slutskii. [Principles of radar and radio engineering, vacuum-tube devices and pulse techniques] Osnovy radiotekhniki i radiolokatsii; elektrovakuumnye pribory i impul'snaia tekhnika. Izd. 2., perer. Moskva, Voenizdat, 1962. 385 p.

Litvinenko, O. N., and V. I. Soshnikov. [Design of pulse-shaping lines] Raschet formiruiushchikh linii. Kiev, Gostekhizdat, 1962. 113 p.

Metal resistance at high current density and short pulse duration. L. G. Dubitskii. Radiotekh. i elektron. 7 no. 10:1816-1823 O '62.

Overvoltages originating in pulse transformers during faulty operation. L. Z. Gogoitsyn. Izv. LETI 59 no. 46:149-156 '62.

Problem concerning the synthesis of impulse-type servo systems. IU. K. Pestov. Izv. LETI 57 no. 39:98-101 '59.

PUMPING MACHINERY
(see also subdivision under Uzbekistan)
Currents and stresses in a layer of liquid metal in cylindrical induction pumps. A. I. Vol'dek. Izv. vys. ucheb. zav. ;elektromekh. 5 no. 6:587-592 '62.

Expediency of using wind-driven water pumps. IA. Shefter. Ekon. sel'khoz. 33 no. 8:89-92 Ag '62.

Experience in operating 5TS10 feed pumps without use of unloading lines. G. D. Bukhman. Energetik 10 no. 8:9 Ag '62.

Fire pump oil can. A. Mechev. Pozh. delo 8 no. 10: 23-24 O '62.

Increase of the self-regulation range of the 10 KSD-5x3 condensate pump. Energetik 10 no. 8:14-15 Ag '62.

Initial selection of pumping units for irrigation stations. V. A. Barsanov. Vop. gidr. no. 5:46-59 '62.

Magneto-hydrodynamic effects in the channels of liquid metal induction pumps. M. N. Okhremenko. Izv. vys. ucheb. zav. ;elektromekh. 5 no. 6:593-601 '62.

Modernization of the NShP-20-59 gear pump for molasses. N. K. Pugach, F. Z. Kozachuk. Sakh. prom. 36 no. 10: 64-65 O '62.

PUMPING MACHINERY—TESTING
Transitional conditions and dynamics of the starting of turbine pumps. M. V. Polikovskii. Teploenergetika 9 no. 11:28-31 N '62.

PUMPING MACHINERY, ELECTRIC
Automated electric drive for deep-seated pumps. S. S. Rabkin. Vest. elektroprom. 33 no. 9:18-20 S '62.

Determination of the condition of the 6APV-9x12 sinking pump without dismantling it. S. Kostenko. Tekh. v sel'khoz. 22 no. 8:51-52 Ag '62.

Electromagnetic pumping of nonmetallic melts. V. P. Polishchuk, M. R. TSin. TSvet. met. 35 no. 10:82-83 O '62.

PUMPING STATIONS
Selection of the number units for irrigation pumping stations. V. A. Barsanov. Vop. gidr. no. 5 29-45 '62.

PUMPS, CENTRIFUGAL see Centrifugal pumps

PUNCH (LONDON)
Smolensk. Gosudarstvennyi pedagogicheskii institut im. Karla Marksa. [English and French philology] Angliiskaia i frantsuzskaia filologiia, sbornik statei. Smolensk, 1961. 84 p.
(MH)

PUNCHED CARD SYSTEMS
The standard method of accounting for materials with the use of account-punched card machines. A. Denisov, S. Baranovskii, V. Suprunuk. Bukhg. uchet 10 no. 8 13-17 S '62.

PUNCHED CARD SYSTEMS—CHEMISTRY
Photographic methods used for the accumulation of laboratory data. S. A. Lipkin, G. G. Vorob'ev. Zav. lab. 28 no. 10 1221-1224 '62.

PUNISHMENT
Decision No. 12 of the plenary session of the Supreme Court of the U. S. S. R. of July 31, 1962 "Some shortcomings in the imposition of penalty by Soviet courts." Biul. Verkh. Suda no. 5:19-21 '62.

PUR VALLEY (TYUMEN' PROVINCE)—DIATOMS, FOSSIL
New and rare diatoms from Paleogene sediments of the Oif-Pur interfluve. N. I. Strel'nikova. Bot. mat. Otd. spor. rast. 15 49-11 Ja '62.

PURPURA (PATHOLOGY)
Acute severe course of Werlhof's disease in a girl with chicken pox. V. V. Lesteva. Pediatriia no. 8:90-91 '62.

Hemorrhagic vasculitis with pericarditis and lung lesions of the Hamman-Rich syndrome type. A. M. Pleshkov. Vrach. delo no. 10:143-144 O '62.

PUSHKIN, ALEKSANDR SERGEEVICH, 1799-1837
Bashilov, Boris. [Misunderstood bearid; Pushkin's role in the development of the Russian national outlook] Neponiatyi predvozvestitel', rol Pushkina v razvitii russkogo natsional'nogo mirovozrenila. [Buenos Aires] Rus', [105- ?] 124 p.
(MH)

Feinberg, I. L. [Pushkin's unfinished works] Nezavershennye raboty Pushkina. Izd. 3., dop. Moskva, Sovetskii pisatel', 1962. 426 p.

TSiavlovskii, M. A. [Articles on Pushkin] Stat'i o Pushkine. Moskva, Izd-vo Akad. nauk SSSR, 1962. 433 p.

PYATIGORSK—HEALTH RESORTS, WATERING-PLACES, ETC.
Disorder of neurohumoral regulation in infectious polyarthritis and its changes under the influence of health resort treatment in Pyatigorsk. P. G. TSarfis, G. S. Glotova. Uch. zap. Pyat. gos. nauch. -issl. bal'n. inst. 3:67-78 '60.

Electroencephalographic data on patients suffering from the residual manifestations of viral encephalitis during a treatment period at Pyatigorsk health resort. A. P. Rodikov. Uch. zap. Pyat. gos. nauch. -issl. bal'n. inst. 3:79-83 '60.

Some immunobiological indices of chronic inflammatory gynecological diseases and their changes under the influence of treatment at the Pyatigorsk health resort. E. IA. Stavskaia. Uch. zap. Pyat. gos. nauch. -issl. bal'n. inst. 3 323-333 '60.

PYATIGORSK—MINERAL WATERS
Biological action of Pyatigorsk radon water (from well drill hole No. 106) during its internal use; an experimental study. S. N. Molchanov. Uch. zap. Pyat. gos. nauch. -issl. bal'n. inst. 3:16-28 '60.

Changes in the exocrine function of the pancreas during the internal use of water from well No. 4 of Pyatigorsk health resort. B. M. Kopytin. Uch. zap. Pyat. gos. nauch. -issl. bal'n. inst. 3:212-218 '60.

PYATIGORSK—RADON—THERAPEUTIC USE
Dynamics of the neurovascular reactions according to colposcopy data in uterine hemorrhages of an inflammatory origin under the influence of Pyatigorsk radon waters. A. V. Emanuel'. Uch. zap. Pyat. gos. nauch. -issl. bal'n. inst. 3:365-374 '60.

Effectiveness of treating inflammatory gynecological diseases of the female sex organs using radon waters in two concentrations. E. IA. Stavskaia and others. Uch. zap. Pyat. gos. nauch. -issl. bal'n. inst. 3:353-364 '60.

PYRAN
Catalyzed synthesis of 2, 6-dialkyltetrahydropyrans. I. F. Bel'skii and others. Izv. AN SSSR, Otd. khim. nauk no. 9:1650-1653 S '62.

PYRANONE
δ-Lactones and ó-lactams. Chloromethylation of 2-pyrone. N. P. Shusherina, N. D. Dmitrieva, R. IA. Levina. Dokl. AN SSSR 146 no. 5:1113-1116 O '62.

PYRAZOLIDINE
Comparative study of the antipyretic, analgesic, and antiphlogistic action of some pyrazolidine derivatives. T. A. Mel'nikova, N. M. Kostygov. Trudy Len. khim. -farm. inst. no. 13:220-228 '61.

PYRAZOLINE
Synthesis of 5-stilbenyl-1, 3-diphenyl-Δ^2-pyrazoline. K. A. Kovyrzina, L. A. Radatkina, E. E. Beroni. Zhur. VKHO 7 no. 5:592-593 '62.

PYRIDINE
Conformational transformations of polyvinylpyridine. S. S. Urazovskii, I. T. Sliusarov. Ukr. khim. zhur. 28 no. 6:660-672 '62.

Synthesis and study of compounds formed by uranyl salts with pyridine oxide derivatives. A. V. Nikolaev and others. Radiokhimiia 4 no. 3:296-304 '62.

PYRIDOINDOLE
Hypotensive activity of nicotine and carboline derivatives and of some aliphatic and alicyclic amines [with summary in English]. D. A. Khakevich. Uch. zap. Inst. farm. i khimiotер. AMN SSSR 2:133-164 '60.

PYRIMIDINES
Treatment with persanthine of stenocardia [with summary in English]. TS. A. Levina and others. Vrach. delo no. 10 20-26 O '62.

PYROCHLORE
Decrystallization of metamict pyrochlore under natural conditions. B. V. Chesnokov, S. P. Eremeev. Dokl. AN SSSR 146 no. 3:683-685 S '62.

PYROGALLOL
Spectrophotometric study of pyrogallate complexes of niobium. A. K. Babko, V. V. Lukachina. Ukr. khim. zhur. 28 no. 3 371-377 '62.

PYROLYSIS
Calculating the process of ethane pyrolysis by means of the "Ural-1" electronic digital computer. E. A. Feigin and others. Neftekhimiia 2 no. 4:499-508 Jl-Ag '62.

Catalytic pyrolysis of pulverized fuels under hydrogen pressure. E. I. Kazakov, P. N. Melent'ev. Trudy IGI 17:43-46 '62.

Luk'ianov, P. I. and A. G. Bastatov. [Pyrolysis of crude petroleum products] Piroliz neftianogo syr'ia; resursy neftekhimii. Moskva, Gostoptekhizdat, 1962. 273 p.

Mechanism of gas formation during peat pyrolysis. N. D. Drozhalina, V. E. Rakovskii. Izv. AN SSSR. Otd. tekh. nauk. Met. i topl. no. 5:220-226 S-O '62.

Pyrolytic reactions of trifluoroethylene. I. I. Knuniants, L. S. German, I. N. Rozhkov. Izv. AN SSSR Otd. khim. nauk no. 9 1674-1676 S '62.

PYROMETERS
Radiator with a high sighting ratio for calibrating radiation pyrometers. M. S. Kalender. Izm. tekh. no. 10: 36-37 O '62.

PYROPHOSPHORIC ACID
Tetraethylenamides of diphosphoric esters of some diatomic phenols. L. D. Protsenko, K. A. Kornev. Ukr. khim. zhur. 28 no. 6:719-720 '62.

PYSHMA—ORE DRESSING—TECHNOLOGICAL INNOVATIONS
Innovatorial practice is introduced in an organized manner. V. Khristoforov. Sots. trud 7 no. 10:129-131 O '62.

Q FEVER
Group outbreak of Q fever in a meat combine; clinical epidemiological observations [with summary in English]. V. M. Popugailo, G. D. Klepko, P. A. Zheltukhin. Zhur. mikrobiol., epid. i immun. 33 no. 4:65-67 Ap '62.

QUADRATIC FORMS see Forms, Quadratic

QUADRATIC RESIDUES see Congruences and residues

QUALITY CONTROL
Reliability and longevity. I. Litinetskii. Mol. komm. no. 10:8-17 O '62.

Television method of quality control of the production of sensitized photographic materials [with summary in English on p. 66]. O. I. IUdzon. Tekh. kino i telev. 6 no. 9:51-54 S '62.

QUANTUM CHEMISTRY
Quantum yields of iodine photodissociation in solutions. A. V. Savitskii, IA. K. Syrkin. Dokl. AN SSSR 146 no. 3: 649-651 S '62.

QUANTUM FIELD THEORY
Green's function of electrons in a metal and analysis of the electron spectrum [with summary in English]. A. A. Abrikosov. Zhur. eksp. i teor. fiz. 43 no. 3: 1083-1088 '62.

Kadyshevskii, V. G. [Different parametrizations in quantized space-time theory] O razlichnykh parametrizatsiiakh v teorii kvantovannogo prostranstva-vremeni. Dubna, Ob'edinennyi in-t iadernykh issl., 1962. 6 p

Kadyshevskii, V. G. [Model for the scalar field theory in quantized space-time] Model' skalarnoi teorii polia v kvantovannom prostranstve-vremeni. Dubna, Ob'edinennyi in-t iadernykh issl., 1962. 8 p

Liu I-ch'en, and I. T. Todorov. [Integral representation of the vertex part in perturbation theory] Integral'noe predstavlenie vershinnoi chasti v teorii vozmushchenii. Dubna, Ob'edinennyi in-t iadernykh issl., 1962. 6 p.

A model in quantum field theory. V. D. Kukin, A. R. Frenkin. Dokl. AN SSSR 146 no. 5, 1054-1057 O '62.

QUANTUM FIELD THEORY—MODELS

Infrared asymptotic behavior of Green's functions in some models of quantum field theory [with summary in English] G. A. Milekhin. Zhur. eksp. i teor. fiz. 43 no. 3, 1012-1020 '62

QUANTUM MECHANICAL AMPLIFIERS see Masers

QUANTUM THEORY

Angular distribution of photoelectrons from the K-shell [with summary in English] V. G. Gorshkov, A. I. Mikhailov. Zhur. eksp. i teor. fiz. 43 no. 3, 991-1004 '62

Asymptotically accurate solution to a model Hamiltonian in the theory of crystals. I. P. Hazarov. Vest. Mosk. un. Ser. 3: Fiz., astr. 17 no. 5, 42-45 S-O '62.

Elastic and inelastic proton scattering by Ne^{22} nuclei [with summary in English]. P. V. Sorokin. Zhur. eksp. i teor. fiz. 43 no. 3, 748-751 '62.

Existence of particle-like solutions to a quasi-linear scalar field equation. S. F. Shushurin. Vest. Mosk. un. Ser. 3 Fiz., astr. 17 no. 5, 10-15 S-O '62.

Lifetime of excited F-centers. S. I. Pekar, IU. E. Perlin. Zhur. eksp. i teor. fiz. 43 no. 3, 1108-1110 '62.

Microscopic description of collective levels of non-spherical nuclei [with summary in English]. D. F. Zaretskii, M. G. Urin. Zhur. eksp. i teor. fiz. 43 no. 3, 1021-1030 '62.

Quantum oscillations of the quasi-static conductivity of bismuth in a magnetic field. E. P. Volfskii. Zhur. eksp. i teor. fiz. 43 no. 3, 1120-1122 '62

Quantum theory of the normal skin effect in a magnetic field at low temperatures [with summary in English]. V. V. Andreev, A. M. Kosevich. Zhur. eksp. i teor. fiz. 43 no. 3, 1060-1067 '62.

Regier poles in nonrelativistic quantum mechanics. A. Z. Patashinskii, V. L. Pokrovskii, I. M. Khalatnikov. Zhur. eksp. i teor. fiz. 43 no. 3, 1117-1119 '62.

Resonance formula for photonuclear reactions. A. V. Bravin. Izv. vys. uch. zav., fiz. 3, 14-20 '62.

Vertex parts of the amplitudes of direct nuclear processes [with summary in English]. I. S. Shapiro. Zhur. eksp. i teor. fiz. 43 no. 3, 1066-1082 '62

Wigner, Eugene Paul. [Theory of groups and its application to the quantum mechanics theory of atomic spectra. Translation from the German] Teoriia grupp i ee prilozhenita k kvantovo-mekhanicheskoi teorii atomnykh spektrov. Perevod s dopoln. i ispr. izdaniia. N. P. Klepikova. Pod red. IA. A. Smorodinskogo. Moskva, Izd-vo inostr. lit-ry, 1961. 443 p. diagrs. (RPB)

QUARENGHI, GIACOMO, 1744-1817

Grimm, G. G. [Heritage of Quarenghi's graphic works] Graficheskoe nasledie Kvarengi. Leningrad, Izd-vo Gos. Ermitazha, 1962. 198 p.

QUARTZ

(see also subdivision under Tien Shan)

Development of the quartz-muscovite complex in mica-bearing pegmatites and in rocks enclosing them. A. V. Milovskii. Zap. Vses. min ob-va 91 no. 3, 360-362 '62.

Interaction of γ-dicalcium silicate with quartz sand in autoclave hardening. IU. M. Butt, B. S. Bobrov. Zhur. VKHO 7 no. 5, 588-589 '62.

Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut mineral'nogo syr'ia. [Industry's requirements as to the quality of mineral raw materials] Trebovaniia promyshlennosti k kachestvu mineral'nogo syr'ia; spravochnik dlia geologov. Moskva, Gosgeoltekhizdat.

No. 31. Puzanov, L. S., and others. [Piezoelectric and optical minerals] P'ezoelektricheskoe i opticheskoe syr'e. Nauchn. red. A. S. Gudkov i A. I. Suderkin. Izd. 2., perer. 1962. 46 p.

QUARTZ—ANALYSIS

Effect of crystallization on the penetration of impurities into quartz lattices [with summary in English]. I. E. Kamentsev. Vest. LGU 17 no. 18, 109-112 '62.

QUARTZ OSCILLATORS see Oscillators, Crystal

QUARTZ PLATE OSCILLATORS see Oscillators, Crystal

QUARTZ RESONATORS see Oscillators, Crystal

QUEEN MAUD LAND—GEOGRAPHICAL RESEARCH

Geographical exploration in the Queen Maud Land in 1960-1961. V. I. Bardin. Vest. Mosk. un. Ser. 5: Geog. 17 no. 5, 57-59 S-O '62.

QUERCETIN

Photometric determination of neptunium by means of quercetin. E. G. Chudinov, G. N. IAkovlev. Radiokhimiia 4 no. 2, 173-175 '62

QUINOLINE

Treatment with resochin of lambliogenic cholecystitis. A. V. Lypenko. Vrach. delo no. 10, 151-152 O '62.

QUINOLINOL

Solubility of hydroxyquinolates in organic solvents and the optical properties of solutions. Part 1: Magnesium hydroxyquinolate. F. G. Zharovskii, V. L. Ryzhenko. Ukr. khim. zhur. 28 no. 3, 306-309 '62.

QUINOLONE

Stereochemistry of heterocyclic compounds. Report No. 11. Effect of substitution at the nitrogen atom on the configuration of 4-decahydroquinolones and the stereochemistry of some nucleophilic reactions at a keto group. E. A. Mustafukov, N. I. Aronova, V. F. Kucherov. Izv. AN SSSR Otd. khim. nauk no. 8, 1599-1604 S '62

RABBITS

Farkhutdinov, K. F. [Highly productive rabbit farm] Vysokoproduktivnaia krolikovodcheskaia ferma. Moskva, Sel'khozizdat, 1961. 54 p. (DNAL)

Shalaev, V. F., E. D. Gogoleva, and S. A. Kivotov. [Correlation between zoology lessons and practical work of students in rabbit husbandry] Vzaimosviaz' urokov zoologii s prakticheskimi rabotami uchashchikhsia po krolikovodstvu. Moskva, Izd-vo Akad. pedagog. nauk RSFSR, 1961. 52 p. (DNAL)

RABIES see subdivision under Smolensk

RACE DISCRIMINATION see subdivision under South Africa, Republic of

RADAR

Ismail, Mohamed Abd-el Wahab. [Radar altimeter with double frequency modulation] Radiolokatsionnyi vysotomer s dvoinoi chastotnoi modulatsiei. Pod red. IU. A. Mogilevskogo. 8 predisl. IU. B. Kobzareva. Moskva, Izd-vo inostr. lit-ry, 1957. 135 p. [Publ. in English as "A study of a double modulated F. M. Radar."] (RPB)

Kalashnikov, A. M., and V. Z. Slutskii. [Principles of radar and radio engineering; vacuum-tube devices and pulse techniques] Osnovy radiotekhniki i radiolokatsii; elektrovakuumnye pribory i impul'snaia tekhnika. Izd. 2., perer. Moskva, Voenizdat, 1962. 385 p.

Rakov, V. I. [Radar display units] Indikatornye ustroistva radiolokatsionnykh stantsii. Leningrad, Sudpromgiz, 1962. 531 p.

RADAR, MILITARY

Improve the effectiveness of fire; from the experience of firing on moving targets with the help of a radiolocation station. B. Sapovskii. Voen. vest 42 no. 10, 74-75 O '62.

RADAR METEOROLOGY

(see also subdivision under Tiksi)

Apparatus for the experimental study of the scattering of radio waves along meteor trails. I. V. Bairachenko, E. D. Podgorodetskii. Sbor. rab. po mezhdunar. geofiz. godu no. 1, 49-51 '61.

Possibility of calculating diagrams of the directivity of radar antennas from data from meteor observations. I. A. Derlugin, R. I. Moisia. Sbor. rab. po mezhdunar. geofiz. godu no. 1, 37-43 '61.

Radar observations of meteor showers. V. G. Kruchinenko, R. I. Moisia, I. V. Bairachenko. Sbor. rab. po mezhdunar. geofiz. godu no. 1, 26-36 '61.

Radar system operating in the 8-meter band for studying meteors. I. V. Bairachenko, R. I. Moisia. Sbor. rab. po mezhdunar. geofiz. godu, no. 1, 44-48 '61.

RADIATION

Comparing the effect of electron irradiation on the optical activity of racemates and optical antipodes [with summary in English]. V. I. Gol'danskii, V. V. Khlopov. Zhur. eksp. i teor. fiz. 43 no. 3, 823-827 '62.

Concentration of ions accumulated in saturated hydrocarbons irradiated at low temperature. E. L. Frankevich, B. S. IAkovlev. Izv. AN SSSR. Otd. khim. nauk no. 9, 1693 S '62.

Radiation from a charge moving in an inhomogeneous medium [with summary in English]. V. IA. Eidman. Izv. vys. ucheb. zav.: radiofiz. 5 no. 5, 897-900 '62.

Radiation-induced chemical telomerization of olefins. A. A. Beer and others. Neftekhimiia 2 no. 4, 617-623 Jl-Ag '62.

Radiation method of preparation of highly dispersed metals and oxides. G. M. Zhabrova and others. Izv. AN SSSR. Otd. khim. nauk no. 9, 1690-1692 S '62.

Theory of unsteady diffusion of radiation [with summary in English]. I. N. Minin. Vest. LGU 17 no. 19, 124-132 '62.

RADIATION—DOSAGE

Determining the integral absorbed radiation dosage [illegible] white mice during their irradiation in a [illegible] chamber. M. S. Kagan, L. M. Legen'kaia, I. V. Kli[illegible] tina. Uch. zap. Pyat. gos. nauch.-issl. [illegible] 3, 397-413 '60.

RADIATION—MEASUREMENT

Radio circuit of a transistorized neutron monitor. I. N. Kapustin, A. M. Starodubtsev, G. V. Shulek[illegible] ner. 2 no. 4, 777-781 Jl-Ag '62.

Self-contained charging device for the DI-[illegible] meter. B. N. Pustoshkin. Izv. LETI 59 [illegible] 302 '62

RADIATION—PHYSIOLOGICAL EFFECT

Disorders of natural immunity in irradiated animals, [illegible] ways for its natural stimulation. V. I. Ivolgin[illegible] AMN SSSR 17 no. 5, 29-38 '62.

Effect of ionizing radiation on the gonadotropic [illegible] of ovaries in mice. L. A. Kashchenko. Dokl. AN [illegible] 146 no. 6, 1430-1433 O '62.

Effect of irradiation on immunity of experimental [illegible] thematous typhus. Report No. 1: Study of immunity [illegible] irradiated guinea pigs vaccinated against lichoradia prowazekii [with summary in English]. I. V. Ilin[illegible] va. Zhur. mikrobiol., epid. i immun. 34 no. 8, 23-24 Ap '62

Frequency of the occurrence of lymphonal connective [illegible] subjected to single or fractionated irradiation. [illegible] Aleksandrov, K. F. Galkovskaia. Dokl. AN SSSR 146 no. 5, 1190-1192 O '62.

Inflammatory changes in the bone in late periods following metallic osteosynthesis of gunshot fractures of the femur in irradiated animals. V. S. Puzanov. Voen. med. zhur. no. 9, 36-38 S '61.

"Problems in radiation genetics" by N. P. Dubinin. Reviewed by V. V. Alpatov. Biul. MOIP. Otd. biol. 67 no. 5, 137-138 S-O '62.

RADIATION SICKNESS

Changes in a wound following radiation injury of [illegible] wounds of the mandible. A. I. Rybakov. Voen. med. zhur. no. 9, 36-38 S '61

Course of severe acute radiation sickness following [illegible] venous administration of bone marrow (experimental study). A. P. Burkalov, I. IA. Voznyuk, M. [illegible] Voen.-med. zhur. no. 9, 23-5 S '61.

Dmitrieva, V. S., and A. I. Rybakov. [Treatment of [illegible] furies to the jaws in acute radiation sickness in an experiment] Lechenie travmy chelliustei pri ostroi [illegible] vol bolezni v eksperimente. Moskva, Medgiz, 1962. 180 p. (DNLM)

Effect of pentoxyl on immunological indices in irradiated animals following immunization with typhoid bacteria [with summary in English]. E. A. Glukova. Zhur. mikrobiol., epid. i immun. 33 no. 8, 52-57 Ag '62

Influence of burns on hemodynamics and temperature in animals with radiation sickness. A. A. Zaitskii. Voen. med. zhur. no. 9, 27-30 S '61.

Morphological changes in free skin homografts in experimental acute radiation sickness [with summary in English]. K. K. Zaitseva. Vest. khir. 89 no. 8, 29-31 Ag '62.

Treatment of acute radiation sickness with homoplastic bone marrow. G. V. Tumanov and others. Voen. med. zhur. no. 9, 21-22 S '61.

RADIATORS

Akademiia stroitel'stva i arkhitektury SSSR. Institut sanitarnoi tekhniki. [Methodology of comparison and selection of radiators and radiator systems] Metodika sravneniia i podbora kalioriferov i kaloriferynykh uzlov. Moskva, Gosstroiizdat, 1962. 16 p.

Automatic process for the manufacture of sand cores for radiators. E. M. Votkin, G. E. Kur, N. M. Ar[illegible] shtein. Sbor. trud. NIIST no. 10, 5-40 '62.

RADICALS (CHEMISTRY)

Isotopic exchange of free radicals with deuterium. I. [illegible] dich, R. E. Mardaleishvili. Dokl. AN SSSR 146 no. [illegible] 618-620 S '62.

Transformations of free radicals in γ-irradiated polyisoprenes. A. S. Kuz'minskii and others. Dokl. AN SSSR 146 no. 3, 611-614 S '62.

RADIO

Amplitude modulation utilizing the Hall effect. M. E. Mazurov, I. N. Prudnikov. Radiotekh. i elektron. 7 no. 10, 1720-1729 O '62.

Kalashnikov, A. M., and V. Z. Slutskii. [Principles of radar and radio engineering; vacuum-tube devices and pulse techniques] Osnovy radiotekhniki i radiolokatsii; elektrovakuumnye pribory i impul'snaia tekhnika. Izd. 2., perer. Moskva, Voenizdat, 1962. 385 p.

Kubarkin, L. V., and E. A. Levitin. [Recreational radio engineering] Zanimatel'naia radiotekhnika. Izd. 2., perer. i dop. Moskva, Gosenergoizdat, 1962. 288 p. (Massovaia radiobiblioteka, no. 454)

Meromson, IA. L., and L. G. Stepanova. [Experience in operating the ZhR-4 transmitter-receiver] Opyt ekspluatatsii radiostantsii tipa ZhR-4. Moskva, Transzheldorizdat, 1962. 51 p.

[MICROFILM]

Radio communications in outer space. A. Semenov. Radio no. 10 5-7 O '62.

[Radio engineering abroad] Zarub. radioelek. 17 no. 10 O '62

Waves and oscillations. E. Ovcharenko. Radio no. 10 32-36 O '62.

RADIO—ABSTRACTS

[Automatic control and radio engineering] Ref. zhur.: Avtom. i radioelektr. no. 9 S '62.

RADIO—ANTENNAS

Design of a quarter-wave vertical antennas. Iu. Prozorovskii. Radio no. 10 23-24 O '62.

RADIO—EQUIPMENT AND SUPPLIES

In the auditoriums of people's universities. Nauka i zhizn' 29 no. 9:101 S '62.

Our consultations. Radio no. 10 61-63 O '62.

Rapoport, Z. G., and K. E. Bobrov. [Materials for repairing radio equipment] Materialy dlia remonta radiosredstv; kratkii spravochnik. Moskva, Voenizdat, 1962. 255 p.

Suggestions of readers. Radio no. 10:43 O '62.

RADIO—EXHIBITIONS

Moscow. Vsesoiuznaia vystavka tvorchestva radiolubitelei-konstruktorov, 10th, Moscow. [The best designs] Luchshie konstruktsii. Moskva, Izd-vo DOSAAF, 1962. 158 p.

RADIO—INSTALLATION ON SHIPS

At the shores of Antartica. P. Morozov. Radio no. 10 20 O '62.

RADIO—QUALITY CONTROL

Akademiia nauk SSSR, Komitet tekhnicheskoi terminologii. [Theory of reliability in radio electronics; general concepts, failures, redundancy, parameters, and tests] Teoriia nadezhnosti v oblasti radioelektroniki: Obshchie poniatiia. Otkazy. Rezervirovanie. Parametry. Ispytaniia, terminologiia. Moskva, Izd-vo Akad. nauk SSSR, 1962. 46 p. (Its: Sborniki rekomenduemykh terminov, no. 60)

RADIO—RECEIVERS AND RECEPTION

The "Volga" radio-phonograph combination. B. Okhlopkov. Radio no. 10 29-31 O '62.

RADIO—RESEARCH see Radio research

RADIO—STANDARDS

[Radio equipment] Radiotekhnicheskie ustroistva. Izd. ofitsial'noe. Moskva, Standartgiz, 1962. 398 p. (SSSR. Gosudarstvennye standarty)

RADIO—TERMINOLOGY

Akademiia nauk SSSR, Komitet tekhnicheskoi terminologii. [Theory of reliability in radio electronics; general concepts, failures, redundancy, parameters, and tests] Teoriia nadezhnosti v oblasti radioelektroniki: Obshchie poniatiia. Otkazy. Rezervirovanie. Parametry. Ispytaniia, terminologiia. Moskva, Izd-vo Akad. nauk SSSR, 1962. 46 p. (Its: Sborniki rekomenduemykh terminov, no. 60)

RADIO, MILITARY

At shorter range, but with interference. O. Mikhailovskii. Voen. vest. 12 no. 10:94-96 O '62.

Radio electronics in military science. V. Maksimenko. Voen. znan. 38 no. 10 26-27 O '62.

RADIO, SHORTWAVE

Sieklov, M. I. [Amateure UHF radio equipment; for radio clubs of vocational technical schools] Samodel'naia UKV radioapparatura; v pomoshch' radiokruzhkam professional'no-tekhnicheskikh uchilishch. Moskva, TSentr. dom kul'tury uchashchikhsia professional'no-tekhn. uchebnykh zavedenii, 1960. 31 p. [MICROFILM]

RADIO, SHORTWAVE—TRANSMITTERS AND TRANSMISSION

Shortwave transmitter using a rod-type tube. V. Lomanovich. Radio no. 10:25-26 O '62.

RADIO AND CHILDREN see subdivision under Kuybyshev

RADIO AND LITERATURE see subdivision under Moscow

RADIO AND MUSIC

(see also subdivision under Moscow)

Congress of Soviet composers refers to radiobroadcasting. Sov. rad. i tel. 6 no. 3:28-29 '57.

Music on the radio. N. Chaplygin. Sov. rad. i tel. 6 no. 2:9-10 '57.

Musical hour for youth. A. Koreshkova. Sov. rad. i tel. 6 no. 3:9-11 '57.

RADIO AND PROPAGANDA see Radio in propaganda

RADIO ASTRONOMY

Horizons of "space" radio-electronics. K. Palatov. Av. i kosm. 45 no. 9:90 '62.

Results of precision measurements of lunar radio emission at a wavelength of 1.6 cm. [with summary in English]. S. A. Kamenskaia and others. Izv. vys. ucheb. zav., radiofiz. 5 no. 5:882-894 '62.

Study of irregularities of electron density in the ionosphere using radio astronomical methods and artificial earth satellites, review. L. M. Erukhimov. Izv. vys. ucheb. zav., radiofiz. 5 no. 5:839-855 '62.

Variation of the flux density of the radio source Cassiopeia-A [with summary in English]. V. A. Sanamian, A. M. Aslanian. Soob. Biur. obser. no. 30:35-43 '62.

RADIO AUDIENCES

(see also subdivision under Chelyabinsk; Kiev, Omsk Province)

Word of radio listeners. L. Barkan. Sov. rad. i tel. 6 no. 6, 13-15 '57.

RADIO BROADCASTING—PROPAGANDA see Radio in propaganda

RADIO CLUBS

(see also subdivision under Lvov, Ural Mountain region)

Beneficial results of the work of radio amateurs. V. Kashpirovskii. Radio no. 10 14-16 O '62.

Our immediate goal. M. Bazhenov. Radio no. 10 11 O '62.

We shall carry out our obligations. V. Polovinko. Radio no. 10, 10 O '62.

We show our real achievements. V. Savchishkin. Radio no. 10:11 O '62.

RADIO CLUBS—EQUIPMENT AND SUPPLIES

A store for radio amateurs. L. TSyganova. Radio no. 10:17 O '62.

RADIO CONTROL

Barsukov, F. I. [Radio telemechanics] Radiotelemekhanika. Moskva, Gosenergoizdat, 1962. 87 p. (Massovaia radiobiblioteka no. 433) [MICROFILM]

RADIO DRAMA see Radio plays

RADIO FILTERS

Design of low-pass filters. I. Chekmarev. Radio no. 10. 44-45 O '62.

Fabrikant, V. L. [Filters with symmetrical components] Filtry simmetrichnykh sostavliaiushchikh. 2. izd., perer. Moskva, Gosenergoizdat, 1962. 423 p.

Use of a variable parameter method for calculating the static characteristics of a microwave frequency discriminator. I. G. Kirenskii. Izv. LETI 57 no. 30:84-97 '59.

RADIO FREE EUROPE

Radio gangsters from "Free Europe." B. Stolpovskii. Sov. rad. i tel. 6 no. 1:29-31 '57.

RADIO-FREQUENCY COSMIC RADIATIONS see Cosmic radiations, Radio-frequency

RADIO IN AGRICULTURE

(see also subdivision under Chelyabinsk; Estonia; Georgia, Gorno-Altaisk; Krasnoyarsk; Mordovia, Ryazan Province; Stavropol)

Feeling of measure. N. Nikolaev. Sov. rad. i tel. 6 no. 1:16-17 '57.

What the Soviet government has given to rural workers. Sov. rad. i tel. 6 no. 4:3-4 '57.

RADIO IN INDUSTRY

(see also subdivision under Estonia; Gorkiy; Stavropol)

Feeling of measure. N. Nikolaev. Sov. rad. i tel. 6 no. 1:16-17 '57.

Lenin's legacy has been put into practice. Sov. rad. i tel. 6 no. 4:3 '57.

On science and technology over the radio. G. Anfilov. Sov. rad. i tel. 6 no. 3:13-16 '57.

Usefulness is most important. T. Chistiakova. Sov. rad. i tel. 6 no. 2:5-6 '57.

RADIO IN MINING

Reliable radio communications apparatus for open pits. G. P. Runkelov. Gor. zhur. no. 10 48-49 O '62.

RADIO IN PROPAGANDA

Stages of a great road. D. Beloiserkovskaia. Sov. rad. i tel. 6 no. 3:1-2 '57.

RADIO IN SPORTS

(see also subdivision under Communist Countries)

Our sportscasters. V. Semenov. Sov. rad. i tel. 6 no. 4:18-19 '57.

RADIO INDUSTRY—FIRES AND FIRE PREVENTION see subdivision under Pskov

RADIO JOURNALISM

(see also subdivision under Minsk; Romania)

Discussion on reporting. A. Rogov. Sov. rad. i tel. 6 no. 5:11-14 '57.

How to improve the current news programs. G. Uskova. Sov. rad. i tel. 6 no. 3:6-8 '57.

New feature for one day. G. Nanevich. Sov. rad. i tel. 6 no. 1:3-5 '57.

"Northern lights; a journalist's notebook" by IUrii Gal'perin. Reviewed by IU. Letunov. Sov. rad. i tel. 6 no. 1:32 '57.

Practice demands.... A. Chernyshev. Sov. rad. i tel. 6 no. 1:10 '57.

Reporting is the highest form of communication. M. Frolov. Sov. rad. i tel. 6 no. 2:20-22 '57.

With a microphone around our country. K. Rotinskii, IU. Letunov. Sov. rad. i tel. 6 no. 6-16-19 '57.

RADIO LINES

Polekhin, S. I. [Crosstalk coupling between telecommunication networks] Vzaimnoe vliianie mezhdu tseplami sviazi. Moskva, Sviaz'izdat, 1962. 68 p. (Vsesoiuznyi zaochnyi tekhnikum sviazi)

Probability of the distortion of pulse-code modulation signals due to some nongaussian noises. R. F. Maleev. Radiotekh. i elektron. 7 no. 10:1703-1710 O '62.

Synthesis of a nonhomogeneous line using continuous fractions. V. IA. Maleev. Radiotekh. i elektron. 7 no. 10: 1820-1831 O '62.

RADIO MEASUREMENTS

Optimum observation time in measuring weak signals [with summary in English]. A. G. Kiselinkov. Izv. vys. ucheb. zav., radiofiz. 5 no. 5, 915-955 '62.

Summation of partial errors in the field of radio technical measurements. B. E. Rabinovich. Trudy inst. kom. stand. mer i izm. prib. no. 57, 19-33 '62.

RADIO NEWS see Radio journalism

RADIO OPERATORS

Astronauts! We were listening! IU. Prozorovskii. Radio no. 10, 8-9 O '62.

Beneficial results of the work of radio amateurs. V. Kashpirovskii. Radio no. 10:14-16 O '62.

A glorious victory. R. Gaukhman. Radio no. 10 9 O '62.

The observers should also be recognized. N. Geshtovt. Radio no. 10:17 O '62.

The radio amateurs of the world show their delight. IU. Zhomov. Radio no. 10 8 O '62.

Some results and beneficial lessons. K. Kutsenko, N. Kazanskii. Radio no. 10 16-19 O '62.

Voices on the air. S. Ivanov. Radio no. 10:12-13 O '62.

We shall carry out our obligations. V. Polovinko. Radio no. 10 10 O '62.

YO is transmitted by 73 stations. I. Paolazzo. Radio no. 10:22 O '62.

RADIO OPERATORS—EQUIPMENT AND SUPPLIES

A store for radio amateurs. L. TSyganova. Radio no. 10 17 O '62.

RADIO PLAYS

(see also subdivision under Gorkiy)

"The left-handed one." T. Potashinskaia. Sov. rad. i tel. 6 no. 2:26-27 '57.

RADIO PROGRAMS

(see also subdivision under Azerbaijan; Bulgaria, Estonia; Ivanovo, Kiev; Lithuania; Mirnyy, Moldavia; Moscow; Ural Mountain region; Uzbekistan; Volgograd)

Against a pattern. S. Proshko. Sov. rad. i tel. 6 no. 3: 28 '57.

Broadcasts on Soviet literature. Sov. rad. i tel. 6 no. 4:4 '57.

Letters read over the radio. K. Vsevodina. Sov. rad. i tel. 6 no. 1:8-9 '57.

Radiobroadcasting and the apartment house on Ilbitskiy Street. T. Lilina. Sov. pech. no. 10 10-11 O '62.

"Ty" or "Vy"? A. Grigoreva. Sov. rad. i tel. 6 no. 3, 12-13 '57.

With experts on art. V. Kerova, S. Rozen. Sov. rad. i tel. 6 no. 1:11-13 '57.

RADIO PROGRAMS FOR CHILDREN

(see also subdivision under Communist Countries, Ivanovo; Leningrad)

For young radio listeners. I. Dubrovitskii. Sov. rad. i tel. 6 no. 1:6-7 '57.

To children on the 40th anniversary of the Great October. Sov. rad. i tel. 6 no. 4:4-5 '57.

RADIO RECEIVERS, TRANSISTOR see Transistor radios

RADIO RESEARCH

Behavior of radio waves over the sea. IUn. tekh. 7 no. 10:7-8 O '62.

RADIO STATIONS

(see also subdivision under Ukraine)

Construction of new radio stations. Sov. rad. i tel. 6 no. 2:22-23 '57.

RADIO TELESCOPE see Telescope, Radio

RADIO WAVE PROPAGATION IN THE IONOSPHERE see Ionospheric radio wave propagation

RADIO WAVES

Behavior of radio waves over the sea. IUn. tekh. 7 no. 10:7-8 O '62.

Mutual correlation function of amplitude and phase fluctuations of a wave propagating in a nonuniform medium. IU. A. Ryzkov. Radiotekh. i elektron. 7 no. 10: 1824-1825 O '62.

Possibility of using data on dispersions of whistling atmospherics for estimating concentrations in solar corpuscular streams. B. N. Gershman, V. IU. Trakhtengerts. Geomag. i aer. 2 no. 4:653-658 Jl-Ag '62.

Study of plasma waves in the ionosphere. E. A. Benediktov, V. O. Rapoport, V. IA. Eidman, Geomag i aer 2 no 4 708-711 Jl-Ag '62

Using the spacial dispersed reception method from a small base to study the nonuniform structure of the ionosphere. L. V. Grishkevich. Geomag i aer 2 no. 5, 909-917 S-O '62.

RADIO WAVES—SCATTERING

Apparatus for the experimental study of the scattering of radio waves along meteor trails. I. V. Bairachenko, F. D. Podgorodetskii. Sbor. rab. po mezhdunar. geofiz. godu no 1 49-51 '61.

RADIOACTIVATION ANALYSIS

Chemical identification of phosphorus and thallium in quantitative neutron activation analysis. E. A. Isaeva and others. Radiokhimiia 4 no. 3:345-350 '62

RADIOACTIVE ISOTOPES see Radioisotopes

RADIOACTIVE PROSPECTING

Possibility of determining the nature of selective logging anomalies. A. P. Ochkur and others. Uch. zap. LGU 303 274-277 '62

Radiometric method of determining the uranium content of lumps of ore. O. A. Arkhipov, V. N. Filippova. Razved. i okh. nedr. 28 no. 6:41-46 Je '62.

RADIOACTIVE PROSPECTING—EQUIPMENT AND SUPPLIES

Test results and method of using the "TSirkon" radiometer. G. S. Momdzhi, V. I. Kholina, V. K. Abulevich. Razved. i okh. nedr. 28 no. 5:17-23 My '62.

RADIOACTIVE SUBSTANCES—INDUSTRIAL APPLICATIONS

Automatic regulation of the width of plastic films using radioactive isotopes. N. I. Osipov, IU. IA. Loznovskii. Izv. LETI 59 no 46 308-318 '62

RADIOACTIVE SUBSTANCES—TRANSPORTATION

Leshchinskii, N. I. [Transportation of radioactive substances] Transportirovanie radioaktivnykh veshchestv. Moskva, Gosatomizdat, 1962, 194 p.

RADIOACTIVE TRACERS

Gar, K. A., and R. IA. Kiplani. [Studying the penetration and remains of phosphorus organic insecticides in plants with the aid of radioactive isotopes] Izuchenie s pomoshch'iu radioaktivnykh izotopov proniknoveniia i ostatkov fosfororganicheskikh insektisidov v rasteniiakh. Moskva, 1955. 35 p. (Doklady, predstavlennye SSSR na Mezhdunarodnuiu konferentsiiu po mirnomu ispol'zovaniiu atomnoi energii)

Use of radioactive carbon in studying the intensity of the exchange of fleas between Rhombomys opimus and Meriones meridianus. I. S. Soldatkin and others. Dokl. AN SSSR 146 no. 6:1462-1463 O '62.

RADIOACTIVITY

Dakovskii, M., and others. [Study of the radioactivity of slag used in the production of building materials, Issledovanie radioaktivnosti shlakov primeniaemykh v proizvodstve stroitel'nykh materialov] Warsaw, 1961, 9 p. (Polska Akademia Nauk. Instytut Badan Jadrowych. Report 269/I-A)
(VIU)

Some data on natural radioactivity of food products. N. N. Grigor'iants. Vop. pit. 21 no. 3:89-90 My-Je '62.

Weiss, C. F. [Radioactive standard preparations, properties, production and measurement of activity. Translated from the German] Radioaktivnye standartnye preparaty, svoistva, izgotovlenie i izmerenie aktivnosti. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1958. 244 p.
(KU)

RADIOBIOLOGY

[Practical work in general biophysics in eight issues] Praktikum po obshchei biofizike v vos'mi vypuskakh. Pod obshchei red. B. N. Tarusova. Moskva, Gos. izd-vo "Vysshaia shkola."

No. 6 Kol'os, O. R., and I. M. Limarenko. [Work with radioactive isotopes] Rabota s radioaktivnymi izotopami. 1962. 202 p.

RADIOBROADCASTING

(see also subdivision under Berlin; Chuvashia; Georgia; Kazakhstan; Latvia; Leningrad; Lithuania; Michurinsk; Soviet Far East, Tajikistan; United States, Uzbekistan; Yakutia)

Against broadcasts confined only to certain departments. P. Romashov. Sov. rad. i tel. 6 no. 4:26 '57.

Brief news. Sov. rad. i tel. 6 no. 5:32 '57.

Creative bonds. L. Ravin. Sov. rad. i tel. 6 no. 2:14-15 '57.

Development of the Soviet press, motion pictures, and radiobroadcasting. Blok. agit. [Bel.] no. 25:27-29 S '59.

"For those at sea." E. Fedorov. Sov. rad. i tel. 6 no. 3:18-20 '57.

Foreign chronicle. Sov. rad. i tel. 6 no. 6:37 '57.

From the history of Soviet radiobroadcasting. Sov. rad. i tel. 6 no. 6:12 '57.

In the hundred languages of peace. G. Kazakov. Sov. pech. no. 10:33-36 O '62

In the State Committee for Radiobroadcasting and Television. Sov. rad. i tel. 6 no. 5:10 '57.

In the State Committee for Radiobroadcasting and Television attached to the Council of Ministers of the U.S.S.R. Sov. rad. i tel. 6 no. 6:38-40 '57.

In the studios of the All-Union Radio. Sov. rad. i tel. 6 no 1 7, 9 '57

Measures for improving radiobroadcasting. N. Danilova. Sov. rad. i tel. 6 no. 2 1-5 '57.

More on what was discussed at the conference.... Sov. rad. i tel. 6 no. 2:23-24 '57.

News items. Sov. rad. i tel. 6 no. 3 29 '57.

Objectives of radio and television workers. D. Chesnokov. Sov. rad. i tel. 6 no. 1 1-2 '57.

Remarks on the language of radio broadcasts. V. Vasevolodov. Sov. rad. i tel. 6 no. 2:30-32 '57.

...And things moved on. K. Sokolov. Sov. pech. no. 10: 42 O '62.

Use of tape recordings in radiobroadcasting. Sov. rad. i tel. 6 no. 1 31 '57.

V. I. Lenin and radio. M. Gleizer. Sov. rad. i tel. 6 no. 6 2-8 '57.

RADIOCARBON DATING

Possibility of studying the history of the earth's magnetic pole by the radiometric method. V. V. Artem'ev. Geomag i aer. 2 no 4:792-793 Jl-Ag '62.

RADIOCHEMICAL ANALYSIS see Radioactivation analysis

RADIOCHEMISTRY

Change of emanation capacity and the separation of the surface-labeling radioactive gas during dehydration of hydroxides. Ch. Ekh. Radiokhimiia 4 no. 3:355-364 '62.

Matter on order. Vanda Beletskaia. Ogonek 40 no. 25: 10-11 Je '62.

Radiation chemistry of starch. V. F. Oreshko and others. Izv. vys. ucheb. zav.; pishch. tekh. no. 5 32-37 '62.

Radiochemistry laboratory. V. E. Manoilova. Izv. LETI 59 no 46 272-279 '62.

Separation of tellurium without carrier from a CsCl target irradiated with protons having an energy of 660-Mev. V. N. Rybakov, Van Chuan'-pen [Wang Ch'uan-p'êng], Min Nam Buk. Radiokhimiia 4 no. 3:340-345 '62

RADIODIAGNOSIS see Diagnosis, Radioscopic

RADIOISOTOPES

Determination of the vapor pressure of ruthenium tetroxide over its aqueous solution with the aid of radioactive indicators. R. L. Miuller, A. B. Nikol'skii. Radiokhimiia 4 no. 3:364-370 '62.

Effect of the various biomass of aquatic plants on the concentration of microquantities of cesium and strontium in tanks with slow circulation [with summary in English]. A. L. Agre, A. P. Rnike, N. V. Timofeev-Resovskii. Biul. MOIP. Otd. biol. 67 no. 5:120-127 S-O '62.

Soluzkhimeksport, Vsesoiuznoe ob"edinenie. Izotopy, Isotopes. Moskva, [n. d.] 160 p. [Parallel texts in Russian and English]
[MICROFILM]

Theory of errors of indirect measurements in the study of sorption processes by the method of radioactive indicators. V. V. Rachinskii, S. M. Rustamov. Radiokhimiia 4 no. 3:253-260 '62.

RADIOISOTOPES—INDUSTRIAL APPLICATIONS

Changing the circuit of the ER-111-54 controller for operating with radioisotope pickups. A. T. Lebedev. Priborostroenie no. 10 25-26 O '62.

Evaluation of the possibility of using radioisotopes to study permeable layers. A. A. Korzhev, V. A. Vladimirova. Prikl. geofiz. no. 33:225-231 '62.

Isotopes help blacksmiths. V. Isaev. Mashinostroitel' no. 10 6 O '62.

RADIOLOGY, MEDICAL see subdivision under Ukraine

RADIOLOGY, MEDICAL—SAFETY MEASURES

Sword and shield. Sov. Soiuz no. 11:42-43 '62.

RADIOMETRIC ANALYSIS see Radioactivation analysis

RADIOSONDES

Using a combination slide rule and nomogram in rapid processing of material from the A-22 radiosonde. S. A. Budarina. Sbor. rab. TGO no. 1 141-148 '61

RADIOTELEGRAPH

Persistence and industriousness. S. IAnovskii. Voen. vest. 42 no. 10:97-98 O '62.

RADOMYSHL' DISTRICT—AGRICULTURE

Extended specialization on collective farms in Radomyshl' District. V. I. Batiuta. Pyt. ekon. stil', hosp. URSR no. 4: 17-21 '61.

RADON

Determining the integral absorbed radiation dosage for white mice during their irradiation in a radiation chamber. M. S. Kagan, L. M. Legen'kaia, E. V. Khurtina. Uch. zap. Pyat. gos. nauch. -issl. bal'n. inst. 3:397-413 '60.

RADON—THERAPEUTIC USE

(see also subdivision under Pyatigorsk)

Biological action of Pyatigorsk radon water (from well drill hole No. 16b) during its internal use, an experimental study. S. N. Molchanov. Uch. zap. Pyat. gos. nauch. -issl. bal'n. inst. 3:16-26 '60.

Change in the content of nitrogen substances in the gastric juice of dogs in experimental gastritis with the subsequent use of a high concentration of radon water. I. A. Ul'm. Uch. zap. Pyat. gos. nauch. -issl. bal'n. inst. 3:29-37 '60.

Dynamics of the bioelectrical activity of the cerebral cortex in hypertension with chronic cerebral circulatory insufficiency under the influence of treatment by radon baths of varying concentrations. E. V. Sankina. Uch. zap. Pyat. gos. nauch. -issl. bal'n. inst. 3:84-95 '60.

Effect of radon waters of varying concentrations on some indices of neurohumoral regulation in chronic gastritis. R. L. Blokh, N. K. Vasil'eva, A. G. Sankina. Uch. zap. Pyat. gos. nauch. -issl. bal'n. inst. 3:48-58 '60.

Effect of radon water with a high radon content on the normal secretory function of the stomach and in experimental (burn) gastritis. V. M. Derbikina. Uch. zap. Pyat. gos. nauch. -issl. bal'n. inst. 3:38-47 '60.

Effect of vaginal radon irrigations on the vascular and muscular tonus of the uterus in cats. A. V. Imshenil' Uch. zap. Pyat. gos. nauch. -issl. bal'n. inst. 3:334-352 '60.

Effect of various concentrations of radon on the peripheral blood in animals. O. M. Volkova, A. D. Iashchenskaia, M. S. Kagan. Uch. zap. Pyat. gos. nauch. -issl. bal'n inst. 3:3-15 '60.

RADTSIG, SERGEI IVANOVICH, 1882-

S. I. Radtsig's 80th birthday. Vest. drev. ist. no. 3:214 '62.

RAILROAD BRIDGES—MAINTENANCE AND REPAIR

Apply advanced methods for the exchange of bridge timbers. IA. I. Andrievskii. Put' i put. khoz. 6 no 8:48 '62.

The bridge maintenance foreman. V. N. Zimin, M. D. Leibman, D. N. Romanov. Put' i put. khoz. 6 no 8 19 '62.

RAILROAD BRIDGES—PAINTINGS

Gadget for bridge painting. G. S. Chernov. Put' i put. khoz. 6 no 8:32 '62.

RAILROAD ENGINEERING

Nizovkin, G. A., and V. F. Kul'bitskii. [Mechanization of the engineering geology studies of the bad spots of the roadbed] Mekhanizatsiia inzhenerno-geologicheskikh obsledovanii bol'nykh mest zemlianogo polotna. Moskva, Transzheldorizdat, 1962. 24 p.

[Protection of railroads against mudflows; proceedings of the conference held in Tbilisi in April 1961] Zashchita zheleznykh dorog ot selevykh potokov; trudy soveshchaniia v g. Tbilisi v aprele 1961 g. Moskva, Transzheldorizdat, 1962. 237 p.

RAILROAD ENGINEERING—STUDY AND TEACHING

Track machinery station for student training. V. I. Selishchev, G. V. Lidera. Put' i put. khoz. 6 no. 9:25-26 '62.

RAILROAD RESEARCH

Chemistry at the service of railroad transportation. S. G. Vedenkin. Khim. v shkole 17 no. 4:14-24 Jl-Ag '62.

RAILROAD STATIONS see Railroads—Stations

RAILROAD TERMINALS see Railroads—Stations

RAILROADS

(see also subdivision under Alma-Ata)

Bobkov, V. A., and V. P. Markov. [Railroad transportation of the U.S.S.R. in the seven-year plan] Zheleznodorozhnyi transport SSSR v semiletnom plane. Leningrad, Ob-vo po rasspr. polit. i nauchn. znanii RSFSR, 1961. 43 p.
(NNC)

Letters to the editor. Put' i put. khoz. 6 no. 9:47 '62

TSarenko, A. P. [A train takes off] Poezd otpravliaetsia v put'. Moskva, Transzheldorizdat, 1962. 141 p.

RAILROADS—ABSTRACTS

[Railroad transportation] Ref. zhur.: Zhel. dor. transp. no. 11 N '62.

RAILROADS—BIBLIOGRAPHY see Bibliography—Railroads

RAILROADS—BRAKES

How to prevent the overloading of the brake systems of freight trains. V. N. Gorn, N. P. Kovrizhkin. Elek. i tepl. tiaga 6 no. 9:28-31 S '62.

RAILROADS—CARS

(see also subdivision under Leningrad)

Changes in surface metal layers caused by non-lubricated sliding friction and their effect on the wear resistance of friction devices of railroad cars. N. N. Inshakov, F. F. Komolova. Trudy Sem. po kach. poverkh. no. 5:293-300

RAILROADS—CARS—MAINTENANCE AND REPAIR

Alekseev, V. D., and G. E. Sorokin. [Car repairing] Remont vagonov. Moskva, Transzheldorizdat, 1962. 311 p.

RAILROADS—COMMUNICATION SYSTEMS

Melamson, IA. L., and L. G. Stepanova. [Experience in operating the ZhR-4 transmitter-receiver] Opyt ekspluatatsii radiostantsii tipa ZhR-4. Moskva, Transzheldorizdat, 1962. 51 p. [MICROFILM]

Mirskii, A. G., and V. V. Kudinov. [Selective telephone communication in railroad transportation] Izbiratel'naia telefonnaia sviaz' na zheleznodorozhnom transporte. Moskva, Transzheldorizdat, 1962. 227 p.

Operation and repair of the radio equipment of trains. A. D. Mirzoev, I. K. Sidenko. Elek. i tepl. tiaga 6 no. 9 21-23 S '62.

RAILROADS—CONSTRUCTION

Experience in the consolidation of main and approach lines. G. E. Denisov, L. F. Gnoevets. Put' i put. khoz. 6 no. 10 8-13 O '62.

Kostiaev, P. S. [Start of an engineer's career] Nachalo puti inzhenera. Moskva, Izd-vo "Znanie," 1962. 31 p. (Novoe v zhizni, nauke, tekhnike. X Seriia: Molodezhnaia, no. 19)

RAILROADS—CURVES AND TURNOUTS

New order of the inspection and rating of curves. Put' i put. khoz. 6 no. 10 39 O '62.

RAILROADS—DEPOT see Railroads—Stations

RAILROADS—ELECTRIC EQUIPMENT

Fel'dman, A. B., and L. A. Chastoedov. [Electric power supply for railroad telecommunication apparatus] Elektropitanie ustroistv sviazi na zheleznodorozhnom transporte. Moskva, Transzheldorizdat, 1962. 222 p.

RAILROADS—ELECTRIFICATION

Electrification of railroads and reconditioning of the roadbed. A. B. Karminskii. Put' i put. khoz. 6 no. 9:17-19 '62.

RAILROADS—ELECTRONIC EQUIPMENT

Adjustment of remote control devices. IU. P. Oleinik. Elek. i tepl. tiaga 6 no. 9:17-19 S '62.

Eifer, A. A. [Control computers] Upravliaiushchie vychislitel'nye mashiny. Moskva, Transzheldorizdat, 1962. 169 p.

Mirskii, A. G., and V. V. Kudinov. [Selective telephone communication in railroad transportation] Izbiratel'naia telefonnaia sviaz' na zheleznodorozhnom transporte. Moskva, Transzheldorizdat, 1962. 227 p.

Operation and repair of the radio equipment of trains. A. D. Mirzoev, I. K. Sidenko. Elek. i tepl. tiaga 6 no. 9, 21-23 S '62.

RAILROADS—EMPLOYEES

(see also subdivision under Kizyl-Arvat; Makhachkala, Novgorod Province)

The best in the profession. Put' i put. khoz. 6 no. 10: 13 O '62.

Increase in labor productivity and our hidden potentials. IU. I. Budovskii, G. A. Gerleman. Elek. i tepl. tiaga 6 no. 9:7-10 S '62.

New developments in the organization of the chief mechanics' work. V. A. Baulin. Elek. i tepl. tiaga 6 no. 9 5-7 S '62.

Progressive track foreman. I. S. Dukhovich. Put' i put. khoz. 6 no. 9:8 '62.

Should we have a manager in every traction substation? Elek. i tepl. tiaga 6 no. 9 46 S '62.

RAILROADS—EMPLOYEES—EDUCATION AND TRAINING

Leningrad. Institut inzhenerov zheleznodorozhnogo transporta. [V. N. Obraztsov Order of Lenin Institute of Railroad Transportation Engineers in Leningrad, 1809-1959] Leningradskii Ordena Lenina institut inzhenerov zheleznodorozhnogo transporta imeni akademika V. N. Obraztsova, 1809-1959. Moskva, Vses. izdatel'sko-poligraficheskoe ob"edinenie M-va putei soobshcheniia, 1960. 387 p. illus. (MR)

RAILROADS—EMPLOYEES—MEDICAL CARE

Medical service of railroad units prepares to be worthy of the meeting of the 22d Congress of the CPSU. I. N. Bratel'. Voen.-med. zhur. no. 9:10-12 S '61.

RAILROADS—EQUIPMENT AND SUPPLIES

Efficiency promoters of track machinery stations. N. N. Kuznetsov. Put' i put. khoz. 6 no. 10, 40-42 O '62.

How to double the capacity of a defectoscope. S. I. Tolstik. Put' i put. khoz. 6 no. 8:35 '62.

New types of books for recording the results of track inspection. Put' i put. khoz. 6 no. 10:46 O '62.

Permanently mounted gauging system. N. K. Nesterov. Put' i put. khoz. 6 no. 8:32 '62.

Use of a generator on the track relocation machine. A. G. Mikhailik. Put' i put. khoz. 6 no. 10 10-11 O '62.

RAILROADS—FREIGHT

Deribas, A. T., and V. P. Potapov. [Organization of freight and commercial operations] Organizatsiia gruzovoi i kommercheskoi raboty. Izd. 2., perer. i dop. Moskva, Transzheldorizdat, 1961. 253 p.

Karaba, V. I. [Rapid transportation of local freight] Uskorennyi gruzovoz mestnogo gruza. Moskva, Transzheldorizdat, 1962. 36 p.

RAILROADS—FREIGHT CARS—BRAKES

Klykov, E. V., and R. I. Kozlulina. [Automatic regulators of freight car brake systems (conditional No. 265-002 and conditional No. 265-003)] Avtomaticheskie regulatory gruzovykh rezhimov tormozhenila (usl. No. 265-002 i usl. No. 265-003). Moskva, Transzheldorizdat, 1962. 38 p.

RAILROADS—HUMP YARDS see subdivision under Pervoe

RAILROADS—MAINTENANCE AND REPAIR

Amendment of the instructions for the interpretation of the tape recordings of the track measuring car. S. S. Solnev. Put' i put. khoz. 6 no. 8:15 '62.

At the seminar of track supervisors. L. V. Afanas'eva. Put' i put. khoz. 6 no. 8 7-8 '62.

Cutting drain slots in the embankment is a justified measure. I. P. Nikiforov. Put' i put. khoz. 6 no. 8 27 '62.

Improving work indices. S. L. Shmykov. Put' i put. khoz. 6 no. 10 27 O '62.

Increasing the operative efficiency of machinery. V. M. Karpov. Put' i put. khoz. 6 no. 9:11-12 '62.

Increasing the track maintenance rates. A. P. Novikov. Put' i put. khoz. 6 no. 10:6-7 O '62.

Introduce a production cost index in the evaluation of the current track maintenance. L. A. Zhuchkov. Put' i put. khoz. 6 no. 10:45 O '62.

Leader of a progressive brigade. F. K. Odnokhokov. Put' i put. khoz. 6 no. 9:28 '62.

Make better use of the "interval" time. V. V. Melenets. Put' i put. khoz. 6 no. 9:6-8 '62.

Machinery used for improving the roadbed. G. A. Chibizov. Put' i put. khoz. 6 no. 8 26 '62.

Measures for improving the roadbed foundation. S. M. Rak. Put' i put. khoz. 6 no. 8:24-25 '62.

Organization of work on tracks with asbestos ballast. L. K. Gromov, D. A. Pechagin. Put' i put. khoz. 6 no. 10:22-26 O '62.

Our machines are always in a good working condition. V. T. Paramonov. Put' i put. khoz. 6 no. 9:30 '62.

Our methods of utilizing the tie tamping machine. A. F. Belosheikov. Put' i put. khoz. 6 no. 10, 2-5 O '62.

Reclamation of swampy sections. D. F. Shelengovskii. Put' i put. khoz. 6 no. 8:40 '62.

Relieving stresses due to temperature in a track with continuous rails. A. S. Kucher. Put' i put. khoz. 6 no. 8 9-11 '62.

Restoration of the supporting capacity of track anchorage. M. S. IAkhov. Put' i put. khoz. 6 no. 8:37 '62.

Save every kopeck of state property. TS. IA. TSvik. Put' i put. khoz. 6 no. 10:45 O '62.

"Setting of norms for track maintenance work and its technology" by L. M. Il'in, M. G. Rabinov. Reviewed by V. I. Tikhomirov. Put' i put. khoz. 6 no. 9:43 '62.

Track alignment by specialized track forces. S. I. Klinov. Put' i put. khoz. 6 no. 8:11 '62.

We manufacture reinforced concrete elements. IA. S. Shul'gin. Put' i put. khoz. 6 no. 8:19-21 '62.

We shall provide more excellent track kilometers. I. V. Polubotarin. Put' i put. khoz. 6 no. 8 3 '62.

RAILROADS—MANAGEMENT

Deribas, A. T., and V. P. Potapov. [Organization of freight and commercial operations] Organizatsiia gruzovoi i kommercheskoi raboty. Izd 2., perer. i dop. Moskva, Transzheldorizdat, 1961. 253 p.

Improve the structure of track divisions. Put' i put. khoz. 6 no. 8:1-2 '62.

Public participation in the management of Soviet railroads. A. P. Alekhin. Vest. Mosk. un. Ser. 10 Pravo 17 no. 3:24-31 Jl-S '62.

Russia (1923- U.S.S.R.) Ministerstvo putei soobshcheniia. [Analysis of the production and economic operations of a railroad division, methodological textbook] Analiz proizvodstvenno-khoziaistvennoi deiatel'nosti otdeleniia dorogi; metodicheskoe posobie. Moskva, Transzheldorizdat, 1961. 119 p.

Tverskoi, K. N. [Planning in railroad transportation] Planirovanie na zheleznodorozhnom transporte. Moskva, Transzheldorizdat, 1962. 69 p. (V pomoshch' izuchaiushchim ekonomiku zheleznodorozhnogo transporta)

RAILROADS—RAILS

Effect of the shape, weight, and conditions of the rolling of rails on their quality. M. P. Galemin. Nauch. trudy OMI no. 48:316-322 '62.

Investigation of the contact strength of rail steel. I. V. Navrotskii, S. I. Makukhin. Zav. lab. 28 no. 10:1243-1245 '62.

Methods of determining the contact strength of rail metal. R. A. Omberg. Zav. lab. 28 no. 10:1246-1247 '62.

Methods for evaluating the resistance of rail steel to destruction under the impact of repeated plastic deformations. V. N. Danilov. Zav. lab. 28 no. 10 1248-1250 '62.

New design of the packaged rail unit. N. F. Pinatolov. Put' i put. khoz. 6 no. 9:33 '62.

New developments in rail inspection. N. A. Krasin. Put' i put. khoz. 6 no. 8:30 '62.

Rail wear and track profile. IU. N. Markov. Put' i put. khoz. 6 no. 8:28 '62.

Rails with vanadium additives. IA. A. Didenko. Put' i put. khoz. 6 no. 8 31 '62.

Saving rail joint fiber insulation material. S. N. Bychko. Put' i put. khoz. 6 no. 8 33 '62.

Stand for testing expansion devices. V. V. Fomin. Put' i put. khoz. 6 no. 8:33 '62.

Test sets for determining the contact strength of rail steels. IU. V. Gridina, L. V. TSarapkin, P. G. Il'iushko. Zav. lab. 28 no. 10 1250-1251 '62.

RAILROADS—RAILS—DEFECTS

How to double the capacity of a defectoscope. S. I. Tolstik. Put' i put. khoz. 6 no. 8:35 '62.

Working slide rule of the track maintenance worker. P. F. Zagranichnyi. Put' i put. khoz. 6 no. 9:38-39 '62.

RAILROADS—RAILS—FASTENINGS

Fastenings with dowel bolts for reinforced concrete ties. I. I. Krainov, V. G. Mamontov. Put' i put. khoz. 6 no. 8: 15-17 '62.

RAILROADS—RAILS—TRANSPORTATION

Rail fastening in transportation. V. I. Tolmachev. Put' i put. khoz. 6 no. 8:34 '62.

RAILROADS—RAILS—WELDING

Gas pressure welding. Put' i put. khoz. 6 no. 9:14 '62.

Operation of the rail welding machine. S. I. Kuchuk-IAtsenko. Put' i put. khoz. 6 no. 10:35-39 O '62.

Rail welding in three shifts. M. N. Provodina. Put' i put. khoz. 6 no. 8:4-5 '62.

Rail welding on the track. N. N. Chainov, A. I. Molchenko. Put' i put. khoz. 6 no. 8:28-29 '62.

They provided for an uninterruped operation of the plant. M. A. Abuladze. Put' i put. khoz. 6 no. 9:13 '62.

Welding of used rails. G. S. Alvazian. Put' i put. khoz. 6 no. 8, 21 '62.

RAILROADS—RESEARCH see Railroad research

RAILROADS—SAFETY MEASURES

Traffic safety is our first and foremost responsibility. Put' i put. khoz. 6 no. 9, 1-2 '62.

RAILROADS—SIGNALING

Persistently improve the safety measures in rolling stock traffic. A. I. Tishchenko. Elek. i tepl. tiaga 6 no. 9:1-4 S '62.

RAILROADS—SNOW PROTECTION AND REMOVAL

All means for track protection should be in a state of complete preparedness. Put' i put. khoz. 6 no. 10: 1 O '62.

Trenches for snow protection. A. S. Lapitskii. Put' i put. khoz. 6 no. 10, 16 O '62.

RAILROADS—STATIONS

(see also subdivision under Velikiye Luki)

Russia (1923- U.S.S.R.) Gosudarstvennyi komitet po delam stroitel'stva. [Program of the all-Union open contest for the development of designs and plans of new types of railroad stations] Programma otkrytogo vsesoiuznogo konkursa na razrabotku proektov novykh tipov zdanii zheleznodorozhnykh vokzalov. Moskva, Gosstroiizdat, 1962. 16 p.

RAILROADS—STATISTICS

Kochetov, I. V. [Problems of railroad statistics] Voprosy zheleznodorozhnoi statistiki. Moskva, 1962. 119 p. (DC)

RAILROADS—SWITCHES

(see also subdivision under France)

Adapt the arrangement of switch systems for a mechanized laying. E. K. Smykov, I. G. Lizogub. Put' i put. khoz. 6 no. 8:22-23 '62.

Improving of switch systems by the plant. V. P. Khoroshko. Put' i put. khoz. 6 no. 9:46 '62.

Laying and maintenance of flat switch assemblies. A. A. Strochkov, A. A. Simon. Put' i put. khoz. 6 no. 8:13-15 '62.

Mechanized laying of switches on a reinforced concrete foundation. M. R. Rabinov, R. F. Volynskii. Put' i put. khoz. 6 no. 10:29-31 O '62.

RAILROADS—TECHNOLOGICAL INNOVATIONS

Russia (1923- U.S.S.R.) Komitet po delam izobretenii i otkrytii. [Inventions; railroad transportation] Sbornik izobretenii; zheleznodorozhnyi transport. Moskva, TSentr. biuro tekhn. informatsii, 1962. 207 p. (Sborniki otechestvennykh izobretenii)

RAILROADS—TERMINALS see Railroads—Stations

RAILROADS—TIES
(see also subdivision under United States)

It is possible to prevent tie damage caused by spike holes E A Liubimov, P A Mel'nichenko Put' i put. khoz 6 no 8 30-31 '62

New antiseptic paste. V. M. Kombarov Put' i put. khoz 6 no 8 38 '62

Tie plates with lengthened flanges M A Borzov Put' i put khoz. 6 no 8 39 '62

Track maintenance forces exchange practices of wooden tie repairing Put' i put. khoz. 6 no. 10 20-21 O '62

We mechanized the wire binding of ties P D Kirecvskii. Put' i put khoz 6 no 8 36-37 '62

RAILROADS—TIES, CONCRETE

It is necessary to change the cross section of reinforced concrete ties F. P. Bondarenko Put' i put. khoz. 6 no. 9:29 '62

Reconditioning of concrete ties on the track. V. S. Artamonov. Put' i put. khoz. 6 no. 10, 17-19 O '62.

Ties made with sand concrete. N. V. Mikhailov, V. M. Bykov, A. N. Sokolov. Put' i put. khoz. 6 no. 10 14-16 O '62.

RAILROADS—TOOLS AND IMPLEMENTS

Device for regulating the screwdriver. G. P. Zhdanova, A. D. Klishchitskii. Put' i put. khoz 6 no 9:34 '62.

New spike drawer. V. V. Fomin. Put' i put khoz. 6 no. 9:35 '62.

RAILROADS—TRACK
(see also subdivision under United States)

All-purpose adhesive (from "Przeglad kilejowy," no. 7, 1961) D P Gaidamakov Put' i put khoz 6 no. 8:48 '62

Answering readers' queries Put' i put. khoz. 6 no 9: 44-46 '62.

Characteristics of the operation and maintenance of tracks with 25 meter long rails. N. A. Slavikovskii, N. I. Kirichenko. Put' i put. khoz. 6 no. 10:28-29 O '62.

Combined track patrolling A. M. L'vitsyn. Put' i put. khoz 6 no 8 12-13 '62

Gomel'. Belorusskii institut inzhenerov zheleznodorozhnogo transporta. [Operational conditions of track with continuous welded rails] Uslovila raboty besstykovogo puti. Gomel', 1962. 75 p. [MICROFILM]

Let's bring to a higher level the planning in track operation and maintenance. M. G. Soroka Put' i put khoz. 6 no. 9:3-5 '62.

Letters to the editor Put' i put. khoz. 6 no. 8:44 '62.

"Maintenance and repair of the railroad track" by S. D. Povarenkov, A. S. Moroshkin, A. D. Tret'iakov Reviewed by V. N. Strel'nikov. Put' i put. khoz. 6 no. 9: 42 '62.

Need for more accurate evaluation of track conditions. I. D. Kolomiets Put' i put khoz 6 no. 8, 16 '62.

Observations in connection with the revision of the clearance allowance of the track gauge. A. O Zaretskii. Put' i put. khoz. 6 no. 9:24 '62.

Organizing the laying of cantinuous tracks. V. G. Poliakov Put' i put. khoz. 6 no. 8:6 '62.

Shabalin, G. I., and others. [The track of high-speed train sections; work practice of the railroad workers of the October Railroad] Put' na uchastkakh skorostnogo dvizhenila poezdov; opyt raboty puteitsev Oktiabr'skoi dorogi. Moskva, Transzheldorizdat, 1962. 71 p.

Stabilization of the roadbed on a karstic section. A E. Panasov, V. G. Zaitsev, V. M. Skliarenko. Put' i put khoz. 6 no. 9:20-22 '62.

RAMADAN

Why... Nauka i rel no. 5:80-81 My '62.

RAMS—FEEDS AND FEEDING

Effect of alkali nutrition on the metabolism and semen production in breeding rams. R. N. Odyneta. Uch. zap. Biol.-pochv. fak. Kir. un no 7:239-245 '58.

RAPALLO, TREATY OF 1922

The 40th anniversary of the Treaty of Rapallo; a conference of Soviet and German historians. V. P. Ierusalimskii Nov. i noveish. ist. no. 1:187-190 '62.

RARE EARTH METALS

Pridantsev, M. V. [Effect of impurities in rare earth elements on the properties of alloys] Vliianie primesei i redkozemel'nykh elementov na svoistva splavov. Moskva, Metallurgizdat, 1962. 200 p.

Thermodynamics of steel deoxidation by lanthanum, cerium, praseodymium, and neodymium. G. Kline, A. F. Vishkarev, V. I. IAvoiskii. Izv. vys. ucheb. zav., chern. met. 5 no. 9:92-98 '62.

RARE EARTH SALTS

Pure reagent salts of rare earth elements. I. V. Vinarov, M. E. Kornelii. Khim. prom. (Ukr.) no. 1:26-30 Ja-Mr '62.

RARE EARTHS

Quantitative determination of terbium in mixtures of rare earth elements of the yttrium subgroup. G. IA. Gornyi. Ukr. khim. zhur. 28 no. 3:303-305 '62.

Separation of rare earth elements on cadmium hydroxychloride. N. V. Aksel'rud, N. K. Davidenko. Ukr. khim. zhur. 28 no. 3 301-305 '62.

RATS see subdivision under Kirghizistan

RAUWOLFIA

Effectiveness of long courses of treatment with Rauwolfia serpentina preparations [with summary in English]. R. M. Ptukha. Vrach. delo no. 10:32-35 O '62.

RAYON

Deformation and endurance of spun rayon yarn with various twist. A. K. Kiselev. Izv. vys. uchab. zav. tekh. tekst. prom. no. 4:12-17 '62.

Determining the length of the sample cuts for checking rayon yarn number and evenness according to the number. F. Kh. Sadykova. Izv. vys. ucheb. zav. tekh. tekst. prom. no. 4:32-36 '62.

Use of the carding spinning method for manufacturing yarn from a mixture of Egyptian "Menoufiieh" cotton and viscose spun rayon. I. M. Bekeneva. Nauch.-issl. trudy IVNITI 25, 15-20 '61.

RAZDAN VALLEY

Volcanic rocks and lacustrine-continental sediments in the lower Razdan Valley. A. N. Nazarian. Izv. AN Arm. SSR, Geol. i geog. nauki 15 no. 5 19-33 '62.

RAZDAN VALLEY—CURRANTS

Wild currants in the Sevan basin and upper Razdan Valley [in Armenian with summary in Russian]. A. N. Zorabian. Izv. Glav. upr. sel'khoz. nauk i podgot. kad Arm. SSR 5 no. 5:53-59 '62.

RAZDAN VALLEY—SEDIMENTS (GEOLOGY)

Volcanic rocks and lacustrine-continental sediments in the lower Razdan Valley. A. N. Nazarian. Izv. AN Arm. SSR, Geol. i geog. nauki 15 no. 5:19-33 '62.

REACTANCE (ELECTRICITY)

Problem concerning the expression of the reactive power of three-phase systems. V. N. Nedelku. Izv. vys. ucheb. zav.; energ. 5 no. 9:18-24 S '62.

REACTOR FUELS see Nuclear fuels

READING

read quicker. Jean le Pichon. Nauka i zhizn' 9:60-61 S '62.

OPERTY

problems concerning the possession and use of tial buildings. L. Urakov. Sots. zakon 39 -36 N '62.

lo. 13 of the plenary session of the Supreme the U. S. S. R. of July 31, 1962 "Judicial practices concerning property rights to buildings." kh. Suda no. 5:21-24 '62.

N LITERATURE

ion on the problem of the formation of realism ian and African literatures. B. Parnikel' i Afr. no. 5 214-221 '62.

EMENTS (CHEMISTRY)

mides of glycolphosphorous acids. N. P. Grech-. Grishina. Dokl. AN SSSR 146 no. 6:1333-'62.

hindered phenols. Report No. 6: Bromination lalkyl-p-cresols and 3, 5-dialkyl-4-hydroxyomides. V. V. Ershov and others Izv. AN l. khim. nauk no. 10-1839-1843 O '62.

I (PSYCHOLOGY)

nformation processing by man in a choice . Report No. 3. Dependence of the length of ction on the amount of specific and average ion. E. P. Krinchik. Dokl. APN no. 3:71-76

RECEPTORS (NEUROLOGY)

Interoceptors are signalling. Polina Sevat'neva. Nauka i zhizn' 29 no. 6:19-22 Je '62.

Role of the interoceptors in anaphylactic reaction. V. L. Lashns. Vest. AMN SSSR 17 no 7:68-77 '62

RECHITSA DISTRICT—RURAL CONDITIONS

Achievements of the October Revolution Anton Ilich. Rab i sial 38 no. 10 10-11 O '62

RECIPROCATING PUMPS—STANDARDS

State standard for mortar piston pumps. Stroit. i dor. mash. 10 no. 9 22-23 S '62.

RECLAMATION OF LAND
(see also subdivision under Fergana, Golodnaya Steppe; Soviet Central Asia; Ukraine; Volga-Akhtuba Flood Plain; Volga Delta)

Genetic types of soils and soil improvement regions of piedmont plains of the Kara-Tau and the western part of the Kirghiz Range I A Aessing Trudy Inst. pochv. AN Kazakh SSR 13, 3-37 '62.

Geobotanical map as a reflection of the reclamation of a territory. V. A. Dolotov. Bot. zhur. 47 no. 8 1184-1189 Ag '62.

Reclamation of swampy sections. D. F. Shalaginskii Put' i put khoz 6 no. 8:10 '62.

RECONSTRUCTION
(see also subdivision under Turkmenistan)

Petrova, A. I. [Soviet trade-unions during the reconstruction period, 1921 - 1925] Sovetskie profsoiuzy v vosstanovitel'nyi period, 1921-1925 gg. [Moskva] Profizdat, 1962. 94 p.

RECRUITING AND ENLISTMENT—HYGIENIC ASPECTS

Carry out a qualitative by high medical selection of army and navy recruits. Voen.-med zhur no 9 2 0 5 '62

RED CROSS
(see also subdivision under White Russia)

Red Cross. Russia. Obshchestvo Krasnogo Kresta RSFSR. [Soviet Red Cross] Sovetskii Krasnyi Krest. Pitigorsk, Pitigorskii gor. komit Krasnogo kresta, 1961. 9 p.

REDUCTION, ELECTROLYTIC

Determination of the α constant from the dependence of electroreduction kinetics on the potential and on the background concentration. O. A. Petrii, A. N. Frumkin. Dokl. AN SSSR 146 no. 5:1121-1124 O '62.

Electrochemical reduction of nitrocyclohexane in an aqueous medium. V. G. Khomiakov and others Zh. r. VKHO 7 no. 5:584-585 '62.

Using electrochemical persulfate reduction for the initiation of polymerization reaction. E. M. Aboretz, G. S. Nestiuk. Dokl. AN SSSR 146 no. 5 1125-1127 O '62.

REED, JOHN, 1887-1920

Gilenson, B. A. [He witnessed the birth of a new world] On videl rozhdenie novogo mira. Moskva, Gospolitizdat, 1962. 78 p.

John Reed, a Soviet consul. P. Chumak. Ogonek 40 no. 44:7 O '62.

Soldier of the revolution. M Dosin Belarus' 10 no 10-25 O '62.

REED (BOTANY) see subdivision under Syr-Darya Valley

REED PRODUCTS

Unit for the manufacture of reedwork panels. Stroit. i dor. tekh. 19 no. 10:42-43 O '62.

REFLECTING TELESCOPE see Telescope, Reflecting

REFLEXES

Change in the higher nervous activity of dogs in experimental tuberculosis and their treatment with streptomycin. I. E. Gaber, G. S. Kan, V. K. Krasuskii. K izuch. roli nerv. sist. v pat., immun. i lech. tub. no. 2 12 130 '61.

Change in the higher nervous activity of dogs in experimental tuberculosis and their treatment with streptomycin. I. E. Gaber, G. S. Kan, V. K. Krasuskii. K izuch. roli nerv. sist. v pat., immun. i lech. tub. no. 2 12 130 '61.

Characteristics of the interoceptive reflexes in nicotinic acid in pulmonary tuberculosis. I. S. Kolesnikova, M. D. Shkol'nikova. K izuch. roli nerv. sist. v pat., immun. i lech. tub. no. 2:74-79 '61.

Cutaneous neuroreflex vascular reactions in chronic cholecystitis and their changes under the influence of health resort treatment at Yessentuki. A. M. Lvgaller. Uch. zap. Pyat. gos. nauch.-issl. bal'n. inst. 3:159-174 '60.

Dependence of phasic and tonic orienting reactions on the conditions of afferentation. M. B. Mikhalevskaia Dokl. APN no. 3:103-106 '62.

Effect of a tuberculous infection on the higher nervous activity of rabbits. V. A. Streletz. K izuch. roli nerv. sist. v pat., immun. i lech. tub. no. 2:131-137 '61.

Effect of analgesic and neuroplegic substances on the coronary chemoreflex [with summary in English]. I. N. Pidevich. Uch. zap. Inst. farm. i khimioter. AMN SSSR 2:121-132 '60.

REFLEXES (Continued)

Effect of experimental tuberculosis of the small intestine on interoceptive reflexes and the structure of the intramural nerve formations. I.D.Gabet, A.L. Mikeladze. K izuch.roli nerv.sist.v pat., immun.i lech.tub. no 2 31-37 '61

Effect of some analgesic substances and novocaine on reflexes from the heart [with summary in English]. M.Iu.Ladinskaia. Uch.zap.Inst.farm.i khimiotet. AMN SSSR 2;105-113 '60

Effect of streptomycin on the respiratory reflexes appearing during stimulation in chronic experiments on the chemoreceptors of the carotid sinus using lobeline. G.S.Kan, K.A.Pimenova. K izuch.roli nerv.sist.v pat., immun.i lech.tub. no.2 331-340 '61.

Index of the stability of unconditioned defense reflexes (PSR) and its character in various forms of schizophrenia. I.Z Gindis. Trudy Gos nauch.-issl. inst. psikh. 27;108-111 '61.

Reflexes from the chemoreceptors of a rabbit's foot stimulated by tuberculin. F.A.Levtova. K izuch. roli nerv.sist.v pat., immun.i lech.tub. no.2 19-22 '61.

Reflexes from the mechanoreceptors of the upper respiratory tract in a local tuberculous inflammatory process in the region of the larynx. R.A.Fel'berbaum. K izuch.roli nerv.sist.v pat., immun.i lech.tub. no.2 38-45 '61.

Reflexes from the mechanoreceptors of the upper respiratory tract in cats in health and in experimental tuberculosis. R.A.Fel'berbaum. K izuch.roli nerv. sist.v pat., immun.i lech.tub. no.2 63-73 '61.

Study of the latent time for flexing and blinking reflexes and for a fever reaction in experimental tuberculosis; preliminary report. A.L.Plekavichene. K izuch.roli nerv.sist.v pat., immun.i lech.tub. no.2;80-83 '61.

Study of the mechanism of the depressing effect of streptomycin on reflexes from the chemoreceptors. G.S.Kan. K izuch.roli nerv.sist.v pat., immun.i lech.tub. no.2;385-388 '61.

REFORESTATION

(see also subdivision under Vologda Province)

Improving the use of machinery in reforestation work at forest working circles and logging camps of the Russian Federation. N.V. Zlatogorskii, V.I.Belitskii Les.khoz. 15 no.6;5-10 Je '62.

REFORMATION

"Russian reformational movements from the 14th to the first half of the 16th century" by A.I. Klibanov Reviewed by A.A Zimin. Viz vrem. 21 225-230 '62

REFRACTION

Theory of refraction in a stratified inhomogeneous medium [with summary in English]. V.I.Tatarskii. Izv. vys.ucheb.zav.; radiofiz. 5 no.5;923-929 '62.

REFRACTIVE INDEX

Determining the refractive index of a substance. S.I. Kniazev. Fiz.v shkole 22 no.4;64-65 Jl-Ag '62

REFRACTORIES see Refractory materials

REFRACTORY MATERIALS

Materials for basic cupola lining. V.V.Klibus, A.A. Gorshkov. Lit.proizv. no.10;13-15 O '62.

REFRACTORY MATERIALS—STANDARDS

[Refractories and refractory products] Ogneupory i ogneuporaye izdeliia. Izd. ofitsial'noe. Moskva, Gos. izd-vo standartov, 1961. 411 p. (SSSR. Gosudarstvennye standarty)

REFRIGERATION AND REFRIGERATING MACHINERY

Bondarenkov, K.A., and I.P. Belov. [Assembly of ammonia refrigerating plants] Montazh ammiachnykh kholodil'nykh ustanovok; prakticheskoe rukovodstvo. Moskva, Gostorgizdat, 1962. 190 p.

Cooling whirlwind. O. Vavilin. Nauka i zhizn' 29 no.9; 33 S '62.

Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut kholodil'noi promyshlennosti. [Recommendations for the design and planning of refrigeration installations] Rekomendatsii po proektirovaniiu kholodil'nykh ustanovok. Moskva, 1962. 94 p.

Zaitsev, V.P. [Refrigeration engineering] Kholodil'naia tekhnika. [Leningrad] Gos. izd-vo torg. lit-ry, 1962, 343 p.

REFRIGERATION AND REFRIGERATING MACHINERY—ABSTRACTS

[Compressors and refrigeration engineering] Ref. zhur. Otd. vyp. 34; Komp. i khol. tekh. nos. 21-22 N '62.

REFRIGERATOR CARS see subdivision under Kazakhstan

REFUGEES—POLITICAL ACTIVITIES

Narodno-trudovoi soiuz. [Program of the National Alliance of Russian Solidarists] Programma Narodno-trudovogo soiuza (rossiiskikh solidaristov). [Frankfurt am Main, Possev] 1959. 98 p. (CLU)

REFUGEES, RUSSIAN

Tolstaia, A.L. [Appeal of free Russians to the free world, May 1st, 1959] Obrashchenie svobodnykh rossian k svobodnomu miru, pervogo maia 1959 g. [New York, 1959] 19 p. (CLU)

REFUGEES, UKRAINIAN

Ob'iednannia ukrains'kykh zhinok na emigratsii. [Commandments of Ukrainian women in foreign countries] Zapovidi ukrainki na chuzhyni [Munich?] 1947 [4] p (NNC)

TSentral'ne Predstavnyatvo ukrains'koi emigratsii. [Statutes of the Committee of Representatives of Ukrainian Emigrés, Ukrainian Relief Committee in Germany and regulations on the election of local (county) and province members of the Central Committee of Representatives of Ukrainian Emigrés] Statut Predstavnytstva ukrains'koi emigratsii - Ukrains'koho dopomohovoho komitetu v Niimechchyni ta vyborchyi pravyl'nyk dlia vyboriv mistsevykh (Povitovykh) i oblasnykh rad chleniv Holovnoi rady TsPU. [Augsburg] 1948. 39 p (NNC)

Ukrains'ka revoliutsiino demokratychna partiia. [Statutes of the Ukrainian Revolutionary Democratic Party (URDP) corrected and approved by the Third Congress of URDP, May 28-29, 1949] Statut Ukrains'koi revoliutsiino demokratichnoi partii (URDP) skorehovanyi zatverdzhenyi Tretim z'izdom URDP, 28-29 travnia 1949 roku. [Munich?] 1949. 13 p. (NNC)

REFUGEES, UKRAINIAN—POLITICAL ACTIVITIES

Bolas'kyi, P.K. [Ukrainian domestic policy of the Organization of Ukrainian Nationalists] Ukrains'ka vnutrishnia politvka Organizatsii ukrains'kykh natsionalistiv. Geneva, 1947. 80 p.

REGIONAL PLANNING

Akademiia stroitel'stva i arkhitektury SSSR. Institut gradostroitel'stva i rasionnoi planirovki. [Regional planning of economic administrative regions, industrial regions and centers; planning guide] Rasionnaia planirovka ekonomicheskikh administrativnykh raionov, promyshlennykh raionov i uzlov; rukovodstvo po proektirovaniiu. Pod red. N.IA. Burlakova. Moskva, Gosstroizdat, 1962. 200 p.

Intraregional planning. M.S. Bulanovskii. Izv. AN SSSR. Ser. geog. no 5;138-147 S-O '62.

REHABILITATION OF CRIMINALS

Alone? (to be concluded) Roman Aleksandrov, Vsevolod Mikhailov Sots. zakon. 32 no.11;75-82 N '62

REINFORCED CONCRETE

We manufacture reinforced concrete elements. IA.S. Shul'gin Put' i put. khoz 6 no.8,19-21 '62

REINFORCED CONCRETE CONSTRUCTION

Minor architectural forms made of reinforced concrete elements. V. Protsenko. Stroi. i arkhit. 10 no.9; 17 S '62.

Tumas, E.V., N.L. Filimonova, and E.I. Shtil'man. [Use of wire-reinforced concrete in bridge construction] Primenenie strunobetona v mostostroenii. Moskva, Avtotransizdat, 1962. 134 p.

REINGOL'DT, VIL'GEL'M

Personal correspondent. I. Lukianov. Sov. rad. i tel. 6 no.1;18-19 '57.

REITER'S DISEASE

Reiter's syndrome in an 8-year-old girl. N.F. Batiunina, V.M. Kontsevaia. Pediatriia no.6;87-90 '62.

RELATIVITY (PHYSICS)

Certain properties of the Einstein equations for spherically symmetrical gravitational fields. I.D. Novikov. Vest. Mosk.un.Ser.3: Fiz., astr. 17 no.5;90-95 S-O '62.

On the relative localization of the gravitational field. IU.A.Rylov. Vest. Mosk.un.Ser.3: Fiz., astr. 17 no.5;70-80 S-O '62.

Semiclosed worlds in the general theory of relativity [with summary in English]. IA.B. Zel'dovich. Zhur. eksp.i teor.fiz. 43 no.3;1037-1043 '62.

RELIGION

(see also subdivision under Tomsk Province; United States)

Attack! N. Sorokovoi. Sov.pech. no.10;23-24 O '62.

"Consolers" by I. Suprun. Reviewed by P. Ukhov. Nauka i rel. no.5;93-94 My '62.

Facts reveal. Nauka i rel. no.5;37 My '62.

Khaitun, D.E. [Origin of the belief in God] Ba khudo e"tikod kardan chitavr ba uvchud omaduast? Stalinobod, Chamu"llati pakhnkumandai donishkhi seisi va ilmii RSS.Tochikiston, 1961. 17 p. [In Tajik]

Lobovyk, B., and R. Prykhod'ko, comps. [CPSU and the Soviet state on religion and atheistic propaganda] KPRS i Radians'ka derzhava pro religiiu ta ateistychnu propahandu; zbirnyk dokumentiv i materialiv. Kyiv, Derzh. vyd-vo polit. lit-ry URSR, 1962. 183 p.

One must not remain indifferent! M. Duranov. Semia i shkola 17 no.10;28-30 O '62.

Questions and answers. Nauka i rel. no.5;96 My '62.

Religion and church abroad. Nauka i rel no 5;50-51 My '62.

Religion and church abroad. Nauka i rel. 1 no.11;51-55 N '62.

The search for truth. A.Osipov. Nauka i rel. 1 no.11; 7-10 N '62.

Stages of an important journey. A.Veshchikov. Nauka i rel. 1 no.11;56-60 N '62.

RELIGION—CONTROVERSIAL LITERATURE

Critical evaluation of the present-day philosophical "argumentation" of the Orthodox Church [with summary in English, p. 180]. I.S. Gordienko. Vop. filos. 16 no.10 46-56 '62.

"Social and gnoseological roots of religion" by A.D. Sukhov. Reviewed by V.K. Tanchev. Vop. filos. 16 no.10;171-172 '62.

"Thou shalt not kill." I. Murauiov. Rab. i sial 36 no 10 21 O '62

RELIGION—PHILOSOPHY

Fedorov, N.I. [At the threshold of the church; reflections of a freethinking intellectual] U tserkovnot ogrady, razmyshlenila svobodomyslliashchego intelligenta. Buenos-Aires, 1955. 60 p. (MH)

RELIGION, PRIMITIVE

Man and God. M. Kublianov. Nauka i rel. 1 no.11; 32-37 N '62.

RELIGION AND COMMUNISM see Communism and religion

RELIGION AND SCIENCE

Biology according to Rimmer A. Emmo. Mol. kommu. no 10 120-125 O '62

The eternal youth of the world IU. Zmiiv. Voiov. ateist no.10.15-19 O '62.

IAndushkin, K.N. [Chemical experiments used in scientific atheistic propaganda] Naukatln ateizm propagandinchi khimi opychesem. Shupashkar, Chavashgosizdat, 1960. 30 p. (Ateizm biblioteki) [In Chuvash]

Voitko, V.I. [Scientific and religious philosophy, lecture on the course "Fundamentals of scientific atheism."] Nauchnoe religioznoe mirovozzrenie, lektsiia po kursu "Osnovy nauchnogo ateizma." Kiev [Izd-vo Kievskogo polit. univ.] 1960. 51 p. (RPE)

RELIGIOUS JOURNALISM see Journalism, Religious

RELIGIOUS LIBERTY

"Religious liberty in the U.S.S.R." by F.M. Rudinskii. Reviewed by A. Veshchikov. Agitator no.23,61-62 D '62.

REMOTE CONTROL

Automatic and remote control in mines of the Tekeli Combine. E.E. Miroshnik. Gor. zhur. no. 11 58-64 N '62.

Balasanov, D.B. [Automatic and remote control devices in municipal gas supply systems] Avtomaticheskie i telemekhanicheskie ustroistva v gorodskikh sistemakh gazosnabzheniia; uchebnoe posobie dlia tekhnicheskikh vuzov. Baku, Azerbaidzhanskoe gos. izd-vo uchebno-pedagog. lit-ry, 1961. 300 p.

Contactless control of low voltage current collectors in mines V.N Naprasnikov Ugol' Ukr. 6 no.10;11-14 O '62.

Electric drive of disposal gates on dredger scows. V.D Volkov, M.G. Shmakov. Sudostroenie 28 no.9;20-24 S '62

Indicator selsyns with noncophased feed. G.I. Shturman, I.A. Babanov. Izv. vys. ucheb. zav. ;elektromekh. 5 no.8;811-821 '62.

Kazanskii, V.E. [Automation and remote control in electric power systems] Avtomatizatsiia i telemekhanizatsiia energeticheskikh sistem. Moskva, Profizdat, 1962. 182 p. (Novaia tekhnika i peredovye metody truda)

Level measurement by remote control of the liquid cargo in tank vessel compartments A.T Solov'ev Sudostroenie 28 no.9;64-66 S '62.

Problem concerning the reliability of continuously serviced multichannel systems [with summary in English]. L.N. Mikhailov. Avtom. i telem. 23 no.11;1527-1535 N '62.

Remote control of welding transformer currents. V.IA. Shekhtman, B.S. Dukhon Svar. proizv. no.10;31-32 O '62.

Remote control of wire broadcasting stations using the carrier frequency of shortwave FM transmitters. I. Pakhomov. Radio no.10;27-28 O '62.

Simple TUBV device for remote control of block-type fans in mines. E.G. Fainshtein, G.I. Kornilov Izv. vys. ucheb. zav. ; gor. zhur. 5 no.8;150-154 '62.

REMOTE CONTROL—EQUIPMENT AND SUPPLIES

Adjustment of remote control devices. IU.P. Oleinik. Elek.i tepl. tiaga 6 no.9;17-19 S '62.

RENT (ECONOMIC THEORY)

Several problems of mining rent. B. Novozhilov. Nar. khoz.Kazakh. 20 no.6;78-84 Je '62.

RENTING OF EQUIPMENT, ETC
People get accustomed to renting enterprises. M. Burdinskii. Mast. prom. i khud. promys. 3 no. 8: 25 Ag '62.

REPAIRING TRADES see subdivision under Moscow

REPARATION
We should ensure full compensation for loss caused to socialist property by embezzlement and pilfering. F. Nikitinskii, A. Safronov, Z. Frzhanov. Sots. zakon 39 no. 11 65-67 N '62

REPATRIATION
Return. A. Serbin. Ogonek 40 no. 42:26-27 O '62.

REPETEK DISTRICT PRESERVE—DESERT FLORA
Relief and phenological phases of the development of herbaceous vegetation in a sandy desert. T. I. Dybskaia. Biul. MOIP. Otd. biol. 67 no. 5:133-136 S-O '62.

REPETSK REGION—RAIN AND RAINFALL
Cloudburst in Karn Kum. R. A. Rotov. Priroda 51 no. 10, 92 O '62.

REPIN, IL'IA EFIMOVICH, 1844-1930
IUrova, T. V. [Barge haulers on the Volga, painting by I. E. Repin] Burlaki na Volge, kartina I. E. Repina. Moskva, Iskusstvo, 1960. 49 p. illus. (Sokrovishcha mirovogo iskusstva)
(MII)

REPRODUCTION
The phenomenon of viviparity in Lacinilaria Strauchi (O. Bttg.) (Gastropoda, Clausiliidae) and fundamental data on its morphology. G. I. Lezhava. Dokl. AN SSSR 146 no. 5:1231-1232 O '62.

RESEARCH
Path to knowledge and science. Vest. vys. shkoly 20 no. 10:40-46 O '62
State Research Institute of Scientific and Technological Information. Biul. tekh.-ekon. inform. Gos. nauch.-issl. inst. nauch. i tekh. inform. no. 10 73-75 '62.
Trends in research for 1963 in branches of the Academy of Sciences of the U. S. S. R. and in institutes attached to the Main Research Institute of the State Committee on Research Coordination at the Council of Ministers of the U. S. S. R. V. O. Ruzhitskii. Biul. tekh.-ekon. inform. Gos. nauch.-issl. inst. nauch. i tekh. inform. no. 10 69-71 '62.

RESEARCH, INDUSTRIAL
(see also subdivision under United States)
Scientific and technological progress and the building of the material and technical foundation of communism. V. Kamaev. Nauch. dokl. vys. shkoly; ekon. nauki no. 5: 3-10 '62.

RESERPINE
Correlation of the changes in carbohydrate metabolism and the clinical picture during the reserpine treatment of schizophrenia and other mental diseases. V. I. Dolgii. Trudy Gos. nauch.-issl. inst. psikh. 27:223-231 '61.
Materials on the characteristics of the action of aminazine and serpasil on the vegetative nervous system of schizophrenics. R. F. Kokenbaeva. Trudy Gos. nauch.-issl. inst. psikh. 27, 222-227 '61.
Use of aminazine in combination with reserpine on schizophrenics with a protracted unfavorable course of the disease. G. M. Kurapova. Trudy Gos. nauch.-issl. inst. psikh. 27:178-182 '61.

RESERPINE—TOXICOLOGY
Clinical aspects of poisoning from fatal doses of serpasil and the effect of intoxication on the brain and internal organs of experimental animals. V. F. Matveev. Trudy Gos. nauch.-issl. inst. psikh. 27:255-260 '61.

RESERVOIRS
Enrichment of fauna in reservoirs. P. A. Zharavel'. Priroda 51 no. 10:69-71 O '62.
Reservoirs of the U. S. S. R. and the prospects for their construction. A. B. Avakian and others. Vop. geog. no. 57:58-77 '62.
Siting of a water reservoir. I. A. Shneer. Izv. AN Uz. SSR. Ser. tekh. nauk 6 no. 5:62-71 '62.
Study the sedimentation susceptibility of reservoir bays. I. Kondrat'ev. Rech. transp. 21 no. 10:39-41 O '62.

RESIN ACIDS—SPECTRA
Study of the molecular association of resin acids by infrared spectroscopy methods. A. M. Prima and others. Izv. AN SSSR, Ser. fiz. no. 10:1313-1316 O '62

RESINS see Gums and resins

RESINS, SYNTHETIC
Light coarse-porous concretes from synthetic resins. B. G. Skramtaev, A. M. Shchepetov, G. A. Iaskovich. Sbor. trud. VNIINSM no. 5 38-47 '61.
Manufacturing shale and petroleum shale resins. N. V. Shorygina, A. E. Zarubitskii. Sbor. trud. *VNIINSM* no. 5:99-107 '61.
Use of indene-coumarone resins in adhesive compositions for finishing polymer materials. V. P. Liatlova and others. Sbor. trud. VNIINSM no. 5:75-81 '61.

RESPIRATION
Bronchial patency standards according to data on the relationship of the maximum ventilation to the vital capacity of the lungs [with summary in English]. G. O. Badalian. Sov. med. 26 no. 8:106-109 Ag '62.
Changes in some indices of the function of external respiration and blood circulation in rabbits during the formation of postvaccinal immunity to tuberculosis. K. A. Pimenova. K izuch. roli nerv. sist. v pat., immun. i lech. tub. no. 2:281-287 '61.
Change in the function of external respiration under the influence of health resort treatment in Kislovodsk. S. P. Mel'nichuk, G. S. Mel'nikov. Uch. zap. Pyat. gos. nauch.-issl. bal'n. inst. 3 307-322 '60.
Disorder of the respiratory function of the lungs in chronic fibro-cavernous and chronic disseminated pulmonary tuberculosis. M. V. Tereshchenko. Sov. med. 26 no. 8:102-106 Ag '62.
Effect of streptomycin on the respiratory reflexes appearing during stimulation in chronic experiments on the chemoreceptors of the carotid sinus using lobeline. G. S. Kan, K. A. Pimenova. K izuch. roli nerv. sist. v pat., immun. i lech. tub. no. 2:331-340 '61.
Influence of burns on hemodynamics and respiration in animals with radiation sickness. A. A. Zor'kin. Voen.-med. zhur. no. 9:27-30 S '61

RESPIRATORY ORGANS
(see also subdivision under Soviet Far East)
State of the upper respiratory tract and the organ of hearing in singers and voice students in Khabarovsk. V. S. Liande and others. Trudy Khab. med. inst. no. 20: 147-155 '60.

RESPIRATORY ORGANS—DISEASES
Work of a respiratory center in the treatment of respiratory disorders in poliomyelitis and in diseases of the nervous system of varying etiology. L. M. Popova. Vest. AMN SSSR 17 no. 7:23-29 '62.

RESPIRATORY ORGANS—FOREIGN BODIES
Removal of foreign bodies from the respiratory tract. G. Kh. Kutushev, IU. N. Shanin, A. B. Zorin. Grud. khir. no. 4:104-106 Jl-Ag '62.

RESPIRATORY ORGANS—INNERVATION
Reflexes from the mechanoreceptors of the upper respiratory tract in a local tuberculous inflammatory process in the region of the larynx. R. A. Fel'berbaum. K izuch. roli nerv. sist. v pat., immun. i lech. tub. no. 2:38-45 '61.
Reflexes from the mechanoreceptors of the upper respiratory tract in cats, in health and in experimental tuberculosis. R. A. Fel'berbaum. K izuch. roli nerv. sist. v pat., immun. i lech. tub. no. 2, 63-73 '61.

RESTAURANT MANAGEMENT
Always concerned with economic problems. Obshchestv. pit. no. 7, 1-3 Jl '62.
Cooked food as the foundation of planning. M. Gileva. Obshchestv. pit. no. 7:19-20 Jl '62.
With and without gravy. I. Vasil'ev. Mast. prom. i khud. promys. 3 no. 8:32 Ag '62.

RESTAURANTS, LUNCHROOMS, ETC.
(see also subdivision under Altai Territory, Bashkiria; Khabarovsk; Moscow; Sosnogorsk, Ulan Bator; Vinnitsa Province)
Facts speak for themselves. V. Kuz'menko. Obshchestv. pit. no. 7:21-23 Jl '62.
Letters to the editor. Obshchestv. pit. no. 7:53 Jl '62.
A significant day. Obshchestv. pit. no. 7:57-58 Jl '62.
Zakharov, V. I., ed. [Manual on the state and development of public-eating establishments in the R. S. F. S. R.] Spravochnik o sostoianii i razvitii obshchestvennogo pitaniia v RSFSR. [By] B. I. Azinshtein i dr. Moskva, Gostorgizdat, 1960. 99 p.
(MII)

RESTAURANTS, LUNCHROOMS, ETC—ACCOUNTING
(see also subdivision under Riga)
Anisov, A. A., G. S. Bundukov, and N. I. Il'in. [Accounting in public dining] Bukhgalterskii uchet v obshchestvennom pitanii. 2., perer. izd. Pod red. N. I. Il'ina. Moskva, Gostorgizdat, 1962. 269 p.

RESTAURANTS, LUNCHROOMS, ETC.—AUDITING AND INSPECTION see subdivision under Leningrad

RESTAURANTS, LUNCHROOMS, ETC.—*EMPLOYEES*
(see also subdivision under Odessa)
Not by porridge alone. K. Bakshi. Ogonek 40 no. 23: 9-11 Je '62.

RESTAURANTS, LUNCHROOMS, ETC.—EQUIPMENT AND SUPPLIES see subdivision under Perm

RESTAURANTS, LUNCHROOMS, ETC.—LAW
Russia (1917- R. S. F. S. R.) Ministerstvo torgovli. [Manual of the manager of a public food-serving establishment] Spravochnik rukovoditelia predpriiatiia obshchestvennogo pitaniia. Sost. K. M. Mukhina, V. I. Trukhanova. Izd. 2., perer. i dop. Moskva, Gostorgizdat, 1962. 503 p.

RESTAURANTS, LUNCHROOMS, ETC.—MANAGEMENT see Restaurant management

RESTORATION FROM DROWNING see Drowning, Restoration from

RESUSCITATION
Case of revival from a state of clinical death using heart massage. B. N. Rabinovich, V. L. Kassil'. Khirurgiia no. 9:130 '62.

RETAIL TRADE
(*see also subdivision* under Lvov, Moscow)
Akademiia stroitel'stva i arkhitektury SSSR. Institut obshchestvennykh zdanii. [Retail trade enterprises; handbook on their design] Predpriiatiia roznichnoi torgovli, posobie po proektirovaniiu. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1962. 231 p.
Without a book of complaints. R. F. Dement'eva. Ogonek 40 no. 23:8-9 Je '62.

RETICULO-ENDOTHELIAL SYSTEM
Effect of dibazole on phagocytosis and the function of the reticuloendothelial system [with summary in English] A. M. Kapitanenko. Zhur. mikrobiol., epid. i immun. 33 no. 8:69-73 Ag '62.
Stimulating effect of antibiotics from the tetracycline group on the absorptive function of the reticuloendothelial system [with summary in *English*]. G. IA. Kivman, N. A. Kulinina. Biul. eksp. biol. i med. 53 no. 6:46-48 Je '62.

RETINA
Determining the spectral sensitivity of retinal receptors from experiments with dichromates. N. V. Lobanova, G. N. Rautian. Dokl. AN SSSR 146 no. 5:1193-1196 O '62.

RETIRED MILITARY PERSONNEL—EMPLOYMENT
Unused potentialities. A. IAkhnitskii. Komm. Vooruzh. Sil 3 no. 21:72 N '62.

REVOLUTIONISTS see subdivision under Cuba

REWARDS (PRIZES, ETC.)
Gold medals and individual prizes to be awarded by the Academy of Sciences of the U. S. S. R. in 1963. Vest. AN SSSR 32 no. 10, 99-100 O '62

RHENIUM-TUNGSTEN-MOLYBDENUM ALLOYS see Tungsten-molybdenum-rhenium alloys

RHEOLOGY
Rheologic relationships in continuous media in mechanical and thermal processes [with summary in English]. L. P. Khoroshun. Prykl. mekh. 8 no. 6 653-657 '62.

RHEUMATIC FEVER
Dolanov, V. IA. [Psychic disorders associated with rheumatism in children and adolescents] Psikhicheskie narusheniia pri revmatizme u detei i podrostkov. Pod red. G. E. Sukharevoi. Moskva, Gos. nauchno-issl. in-t psikhiatrii MZ RSFSR, 1962. 186 p.
(*DNLM*)
Diphenylamine reaction in rheumatism in children [with summary in English]. E. N. Maksakova. Pediatriia no. 8:49-54 '62.
Morphological changes in the kidneys in rheumatism and endocarditis lenta. G. N. Voronkovskaia. Vrach. delo no. 10:14-20 O '62.
Some diagnostic indices of the activity of the rheumatic process in children during the period of its quiescence. E. P. Rubleva. Pediatriia no. 8:45-48 '62.
Vsesoiuznyi komitet po izucheniiu revmatizma i bolezni sustavov i bor'be s nimi. [Problems in rheumatism, its pathogenesis, the determination of its activity and its prevention] Voprosy revmatizma; patogenez, opredelenie aktivnosti, profilaktika. Pod red. A. I. Nesterova. Moskva, Medgiz, 1961. 150 p.
(DNLM)

RHEUMATIC HEART DISEASE
Apropos of L. D. Krymskii's article, "Anatomical and clinical features specific to the course of mitral stenosis of rheumatic etiology in the surgical cardiological clinic." E. V. Ponomarev. Grud. khir. no. 4:125-125 Jl-Ag '62.
Clinical characteristics of rheumocarditis. F. P. Lemeshko, P. P. Trunov. Voen.-med. zhur. no. 9 81 S '61.
Nervous system lesions in rheumo-septic endocarditis. T. G. Gloriozova. Vest. AMN SSSR 17 no. 7:30-34 '62
To take care of your heart, train it! V. L. Strakovskaia. Zdorov'e 8 no 10:25-26 O '62.

RHEUMATISM
Kushelevskii, B. P., M. A. IAshovskii, and S. M. Ryss. [Diseases of the joints. Rheumatism. Avitaminoses] Bolezni sustavov. Revmatizm. Avitaminozy. Moskva, Medgiz, 1961. 398 p. (Rukovodstvo po vnutrennim bolezniam)
(DNLM)

RHINE RIVER AND VALLEY—HISTORY—SEPARATIST MOVEMENT, 1918-1924
"The treaty of Versailles and the separatists of the Rhine Valley" by A. A. Galkin. Reviewed by I. S. Kremer. Nov. i noveish. ist. no. 5:152-153 '62.

RHIZOSPHERE MICROBIOLOGY
Significance of root microflora in the nitrogen nutrition of hemp. K. P. Tulaikova. Trudy Vses. nauch.-issl. inst. lub. kult., no. 24, 123-136 '59
Some data on the soil mycoflora of birch, linden and spruce forests of the Zvenigorod Biological Station of Moscow State University and of the rhizospheres of the respective species [with summary in English] T. P. Sizova, T. P. Supriun. Biul. MOIP Otd. biol. 67 no. 5 112-119 S-O '62
RHODIUM COMPOUNDS
Structure of rhodium acetate complexes. M. A. Porai-Koshits, A. S. Antsyshkina. Dokl. AN SSSR 146 no. 5: 1102-1105 O '62.
RHODODENDRON see subdivision under Zaigrayevo District
RHYNCHONELLACEA, FOSSIL see subdivision under Mugodzhar Hills region
RIABUSHKIN, ANDREI PETROVICH, 1861-1904
Suzdalev, P. K. Riabushkin. Moskva, Iskusstvo, 1961. 54 p. plates (MH)
RIBOFLAVIN
Effect of light on riboflavin metabolism in the organism [with summary in English]. E. M. Maslenkova. Vop. pit. 21 no. 3:56-61 My-Je '62.
RIBONUCLEASE
Enzymatic activity of ribonuclease absorbed on SBS-4 sulforesin. A. Mkrtumova, G. A. Dehorin. Dokl. AN SSSR 146 no. 6:1434-1436 O '62.
RICKETTSIA
Change in the complement-fixing activity of antigens prepared from Rickettsia burnetii [with summary in English]. A. I. IAkovlev, A. I. Polozov. Zhur. mikrobiol., epid. i immun. 33 no. 8:74-79 Ag '62.
Dependence of the antigenic activity of Rickettsia burnetii on phasic variability [with summary in English]. N. I. Fedorova, R. G. Dluisalieva. Zhur. mikrobiol., epid. i immun. 33 no. 8:95-100 Ag '62.
Effect of irradiation on immunity in experimental exanthematous typhus. Report No. 1. Study of immunity in irradiated guinea pigs vaccinated against Rickettsia prowazekii [with summary in English]. T. V. Bocharova. Zhur. mikrobiol., epid. i immun. 33 no. 4:23-26 Ap '62.
RICKETTSIAL DISEASES see subdivision under Maritime Territory
RIDDLES, UKRAINIAN
[Ukrainian riddles] Ukrains'ki zahadky. Kyiv, Derzh. vyd-vo khudozh. lit-ry, 1962. 155 p.
RIEMANN SURFACES
Complexes of sections of closed Riemannian surfaces of zero order. V. G. Tairova. Izv. vys. ucheb. zav., mat. no. 4:155-160 '62.
A theorem of the existence of rational functions on Riemannian surfaces. V. G. Mikhal'chuk. Izv. vys. ucheb. zav., mat. no. 4:104-109 '62.
RIFLES
Russia (1923- U. S. S. R.) Ministerstvo oborony. [Rifle manual, Simonov (SKS) 7.62 mm self-loading carbine] Nastavlenie po strelkovomu delu; 7,62-mm samozariadnyi karabin Simonova (SKS). Izd. 2., ispr. i dop. Moskva, Voenizdat, 1962. 136 p.
RIGA—CLOTHING INDUSTRY
Small-lot production of clothing. B. M. Sondak. Shvein. prom. no. 5 39 S-O '62
The trend is toward specialization. K. Usmanov. Mest. prom. i khud. promys. 3 no. 8 10 Ag '62.
RIGA—CONSTRUCTION INDUSTRY
Volunteer inspectors of building sites. E. Erglis. Agitator no. 22:47 N '62.
RIGA—RESTAURANTS, LUNCHROOMS, ETC.—ACCOUNTING
Mechanize accounting at public-dining enterprises. G. Poplianskii. Bukhg. uchet 10 no. 9:56-61 S '62.
RIGHT OF PROPERTY
Changes in the regulation of property relations brought by the "Basic Principles of the Civil Law of the U. S. S. R. and the Union Republics." V. P. Gribanov. Vest. Mosk. un. Ser. 10: Pravo 17 no. 3:32-42 Jl-S '62.
Decision No. 13 of the plenary session of the Supreme Court of the U. S. S. R. of July 31, 1962 "Judicial practice in cases concerning property rights to buildings." Biul. Verkh. Suda no. 5:21-24 '62.
RIMMER, G
Biology according to Rimmer A. Emme. Mol. komm. no 10:120-125 O '62.
RIMSA, PETRAS, 1861-
Budrys, S. K. [Petras Rimša] Piatras Rimsha. Moskva, Sovetskii khudozhnik, 1961. 61 p. (MH)
RIVERS see subdivision under Daghestan
RIVERS—REGULATION
Regulating structures without stone. N. Lapitskii. Rech. transp. 21 no. 10:50 O '62.
RIVETS AND RIVETING—EQUIPMENT AND SUPPLIES
Semiautomatic machine for unriveting the valve rod of a shock absorber by means of electric heating D. E. Burshtein Avt. prom 28 no. 9 39-40 S '62
ROACH (FISH) see subdivision under Proletarskaya Reservoir, Volga Delta
ROAD CONSTRUCTION
(see also subdivision under Kazakhstan; Moscow; Stellitamak)
Earthwork in road construction in the north-east regions of the country A. S. Popolov Avt. dor. 25 no. 10 6-7 O '62.
Information Avt. dor. 25 no. 10 30 O '62
"Pocket manual for road constructors." Reviewed by N. E. Onipko, IA. L. Mykhatiyk Avt. dor. 25 no. 10 29 O '62.
ROAD CONSTRUCTION—TECHNOLOGICAL INNOVATIONS
Shock workers of communist labor promote the introduction of innovations K. V. Gorlachikh Avt. dor. 25 no. 10 3-4 O '62
ROAD DESIGN see Roads—Design
ROAD MACHINERY
The D-432 machine for cutting expansion joints in hardened concrete. L. N. Guba, A. M. Skorikov. Stroi. i dor. mash. 7 no. 9:15-16 S '62.
The D-61 motor road oiler N. Mishin. Avt. dor. 25 no. 10 26-27 O '62
ROAD MACHINERY—ABSTRACTS
[Manufacture of construction equipment and road machinery. Mining machinery] Ref. zhur. Otd. vyp. 43: Stroi. i dor. mashinostr., Gor. mash. nos. 21-22 N '62.
ROAD MACHINERY—MAINTENANCE AND REPAIR
Preparing road machinery for winter work. S. T. Semenikhin. Avt. dor. 25 no. 10 31-3 of cover O '62.
ROAD MATERIALS
Local materials represent a source for reducing the cost and developing the construction of highways Avt. dor. 25 no. 10, 1-2 O '62.
Road emulsions and factors for their formation. M. F. Nikishina Avt. dor. 25 no. 10:13-15 O '62.
What to read on the use of local materials in road construction A. Ganushin Avt. dor. 25 no. 10 29-30 O '62.
ROADS—DESIGN
Sibirko, A. N., and K. A. Khavkin. [Calculation of volumes of road earthwork on electronic calculating machines] Podschet ob"emov zemlianykh rabot avtomobil'nykh dorog na elektronnykh vychislitel'nykh mashinakh. Moskva, Avtotransizdat, 1962. 79 p.
ROADS, CONCRETE—MAINTENANCE AND REPAIR
Restoration of concrete coatings by polymer-cement concretes. IU. S. Cherkinskii, V. M. Kalashnikova, V. L. Smelianskii. Sbor. trud. VNIINSM no. 5, 48-64 '61
ROADSIDE IMPROVEMENT see subdivision under Crimea
ROCK DRILLS
Increasing the durability of drill and pneumatic hammer drill parts. I. A. Begagoen Trudy Sem. po kach. poverkh no. 5:123-130 '61.
Need for modernization of the LBS-1 boring machine. N. E. Voloshin, A. A. Nakhatovich, I. P. Panasovskii. Ugol' 37 no. 11:64 N '62.
Summary of works conducted in the field of the development of boring machinery for the control of sudden outbursts and gas removal in coal seams. M. S. Andrusov. Ugol' 37 no. 11:58-59 N '62.
Use of the TM-1, 75 boring unit for drilling air holes. A. V. Makarov. Ugol' 37 no. 11:42-43 N '62.
ROCK DRILLS—MAINTENANCE AND REPAIR
Khutornoi, P. S. [Reliable system of maintaining rock drills] Garantiinaia sistema tekhnicheskogo obsluzhivaniia perforatorov. Moskva, Gosgortekhizdat, 1962. 71 p.
ROCK PRESSURE
(see also subdivision under Donets Basin)
Change in the specific electric resistance of water-saturated rocks when subject to rock and formation pressures. I. F. Ghimov, V. M. Dobrynin. Prikl. geofiz. no. 33:190-205 '62.
Effect of rock pressure on the electric resistance of carbonate rocks. L. I. Orlov, R. S. Gimaev. Prikl. geofiz. no. 33:206-212 '62.
Manifestations of rock pressure in short working faces with anchor bolting. M. P. Pereverzev. Nauch. trudy MGI no. 38:181-189 '61.
Methodology of mine observations of the nature of rock pressure manifestations in working flat coal seams by the chamber and the chamber and pillar systems. M. P. Pereverzev. Nauch. trudy MGI no. 38:105-118 '61.
Nature of rock pressure manifestations during the working of a medium thick, inclined layer in a permafrost zone. V. S. Andreev. Nauch. trudy MGI no. 38:255-268 '61.
Seminar on the instruments used in the investigation of rock pressure A. A. Korablev. Ugol' 37 no. 10 58-59 O '62.
Theory of the movement of loose rocks in a mined-out area of pitching seams and the interaction of them with flexible movable supports A. I. Baritsev. Nauch. trudy MGI no. 38 191-201 '61.
ROCK WOOL see Mineral wool
ROCKETRY—ABSTRACTS
[Rocket engineering and space flight equipment] Ref. zhur. Otd. vyp. 41. Raket. tekh. i app. kosm. pol. nos. 21-22 N '62
ROCKETRY—DICTIONARIES
Deev, M. N., comp. [French-Russian rocket dictionary] Frantsuzsko-russkii slovar' po raketnoi tekhnike. Pod red. N. L. Solov'eva Moskva, Voenizdat, 1962. 263 p.
ROCKETS
Zharov, V. F., and V. I. Ivanov, comps. [Missiles and antimissile defense; translated articles] Rakety i protivoraketnaia oborona; sbornik perevodnykh statei. Predisl. i red. A. Kh. Monza. Moskva, Voenizdat, 1962. 225 p.
ROCKETS (AERONAUTICS)
Information bulletin of the Telegraph Agency of the U. S. S. R. Biul. agit. [Bel.] no. 3:1-2 Ja '60.
ROCKETS (AERONAUTICS)—BIBLIOGRAPHY see Bibliography—Rockets (Aeronautics)
ROCKETS (ORDNANCE)
Kartashov, N. V. [Nonguided rocket weapons] Neupravliaemoe raketnoe oruzhie. Moskva, Voenizdat, 1962. 79 p. (Raketnaia tekhnika)
Let's disseminate and adopt the experience of the best rocket launching units. S. Varentsov. Komm. Vooruzh. Sil 3 no. 21:27-32 N '62.
A question of our consciousness. M. Chudinov. Komm. Vooruzh. Sil 3 no. 21:56-59 N '62.
A regimental commander. IA. Zakharov. Komm. Vooruzh. Sil 3 no. 21:52-55 N '62.
ROCKS—ANALYSIS
Variation-statistical processing of the results of studying the composition of rocks. M. I. Tolstol, I. M. Ostafichuk. Razved. i okh. nedr 28 no. 5:23-29 My '62.
ROCKS—CLASSIFICATION
Classification of rocks and minerals based on the efforts needed in core extraction from them. B. I. Vordvizhenskii, V. V. Bol'shinkov. Izv. vys. uch. zav.; geol. i razv. 5 no. 7:115-119 Jl '62.
ROCKS—DENSITY
Concerning the remarks of S. G. Troitskii, and V. L. Shashkin in "Geologiia i geofizika" no. 7, 1962. L. S. Polak and others. Geol. i geofiz. no. 9:125-126 '62.
ROCKS—MAGNETIC PROPERTIES
(see also subdivision under Kazakhstan; Siberian Platform, Soviet Central Asia)
Fifth Conference on Paleomagnetism. A. IA. Vlasov. Geol. i geofiz. no. 9:127-128 '62.
Nomogram for calculating the vector of residual magnetization. L. P. Zhegolev. Razved. i okh. nedr 28 no. 6:52-53 Je '62.
Stability of residual magnetization. L. E. Sholpo, B. M. IAnovskii. Uch. zap. LGU 303:16-37 '62.
ROCKS—PERMEABILITY
Evaluation of the possibility of using radioisotopes to study permeable layers. A. A. Korzhev, V. A. Vladimirova. Prikl. geofiz. no. 33 225-231 '62.
ROCKS—TESTING
Change in the elasticity modulus of rocks with depth and their relation to geological factors. N. V. Shon'gin, O. K. Voronkov, I. Kh. IUdborovskii. Uch. zap. LGU 303:146-157 '62.
"Determining the properties of rocks" by L. I. Baron, B. M. Logunstov, and E. Z. Pozin. Reviewed by A. A. Ilivitskii and others. Gor. zhur. no. 10:77-78 O '62.
Observing hardness criteria of similitude in modeling with equivalent materials. A. K. Petrenko. Nauch. trudy MGI no. 38:215-220 '61.
Photoelastic method of modeling the stress state of a drill and a rock. G. L. Khesin and others. Gor. zhur. no. 10:30-35 O '62
ROCKS—THERMAL PROPERTIES
(see also subdivision under Donets Basin)
Experimental determination of the thermophysical properties of rocks under mining conditions G. V. Duganov, V. N. Kukharev. Izv. vys. ucheb. zav., gor. zhur. 5 no. 8 71-75 '62.
ROCKS, CARBONATE
(see also subdivision under Gissar Range)
Operation of the centrifugal blast method of manufacturing mineral wool out of local carbonate raw materials. I. V. Miller, IA. K. Priedite. Stroi. mat. 8 no. 9:22-25 S '62.
ROCKS, CARBONATE—ANALYSIS
Using various concentrations of hydrochloric acid in field studies of carbonate rocks. S. N. Kudrin. Razved. i okh. nedr 28 no. 5:47-50 My '62.

ROCKS, CARBONATE—ELECTRIC PROPERTIES

Effect of rock pressure on the electric resistance of carbonate rocks. L.I.Orlov, R.S.Gimaev. Prikl. geofiz. no.33,208-212 '62

ROCKS, CRYSTALLINE AND METAMORPHIC see subdivision under Mama-Chuya District, Siberian Platform

ROCKS, IGNEOUS

(see also subdivision under Aldan Plateau, Belozerka region, Zaporozh'ye Province, Kamchatka, Lipovets District, Oslo region, Russian Platform, South America, Ural Mountain region, Zhabulak Mountains)

Mineralogical and geochemical characteristics of the argillization of basic rocks. IU.V.Kazitsyn. Zap. Vses. min. ob-va 91 no.4 421-432 '62

Three lectures by Professor L.E.Wager on the foliated intrusions of basic and ultrabasic rocks. A.P.Lebedev, I.D.Riabchikov. Izv.AN SSSR Ser.geol. no.10 121-126 O '62

ROCKS, IGNEOUS—NOMENCLATURE

On the discussion of the efficient nomenclature of different igneous rocks. V.I.Lebedinskii. Zap. Vses. min. ob-va 91 no.3 366-369 '62.

ROCKS, SEDIMENTARY see subdivision under Chelekan Peninsula, Darvaza Range region

ROCKS, SEDIMENTARY—CLASSIFICATION

Akademiia nauk SSSR. Laboratoriia vulkanologii. [Classification of volcanic fragmental rocks] Klassifikatsiia vulkanogennykh obломochnykh gornykh porod. Moskva, Gosgeoltekhizdat, 1962. 17 p.

RODENT CONTROL

(see also subdivision under Moldavia)

Vashkov, V.I., and others. [Handbook on disinfection, disinfestation and deratization] Spravochnik po dezinfektsii, dezinsektsii i deratizatsii. Moskva, Medgiz, 1962. 166 p.
(DNLM)

RODENTIA

(see also subdivision under Altai Mountain region, Kirghizistan, Saliar Ridge region)

Water deficiency and changes in the water loss through the skin and lungs in some murine rodents. A.L. German. Biul.MOIP,Otd.biol. 67 no.4:137-139 Jl-Ag '62.

RODENTIA—PARASITES see Parasites—Rodentia

RODENTS AS CARRIERS OF DISEASE

Carriage of L. tarassowi among synanthropic rodents [with summary in English]. E.N.Gorshanova. Zhur. mikrobiol., epid. i immun. 33 no.4:34-39 Ap '62.

Susceptibility of some types of wild rodents to the ornithosis virus, preliminary report [with summary in English]. I.I.Terskikh, A.M.Chel'tsov-Bebutov, A.M.Bokleshova. Zhur. mikrobiol., epid. i immun. 33 no.4:38-42 Ap '62.

ROLLAND, ROMAIN, 1866-1944

Paul Vaillant-Couturier and Romain Rolland. F.Narkir'er. Ogonek 40 no.42 16 O '62.

ROLLER BEARINGS

Flexible roller bearings for belt conveyers and prospects for their use. M.A.Lianger. Stroi. i dor.mash. 7 no.9:20-21 S '62.

ROLLING (METALWORK)

Analytic determination of specific pressures during the hot rolling of steel. A.P.Chekmarev, V.I.Prokof'ev. *Trudy Inst. chern. met. AN URSR* 17:55-66 '62.

Applicability of the laws of deformation geometry in the theory of small deformations to longitudinal rolling. V.A.IAshchenko. Izv.vys.ucheb.zav.,chern.met. 5 no.9:125-134 '62.

Boundary condition for rolling in flange grooves. A.P. Chekmarev, V.A.Tertaev. Trudy Inst. chern. met. AN *URSR 17:113-124 '62.*

Calculating deformations in the forming and edging grooves during the rolling of T-sections. I.IA.Tarnovskii, B.M.Ilukovich, A.N.Skorokhodov. Stal' 22 no.10:925-928 O '62.

Calculated equation of the process of rolling with increase in width applying the law of plastic friction $\tau = \mu p$. P.I.Polukhin, G.IA.Gun, V.A.Masterov. Izv.vys. ucheb.zav.,chern.met. 5 no.8:118-124 '62.

Certain dependences of transition processes during continuous cold rolling. A.P.Chekmarev, M.P.Toporovskii. Trudy Inst. chern.met. AN URSR 17:3-15 '62.

Deriving formulas for pressure determination in rolling in section grooves. V.M.Klimenko. *Trudy Inst.chern. met.* AN URSR 17:67-82 '62.

Determining the height of the initial billet for rolling in a closed section grove. M.S.Mutiev. Nauch.trudy DMI no.48:192-205 '62.

Effect of certain factors on the filling of section grooves by metal. V.M.Klimenko. Trudy Inst. chern. met. AN URSR 17:99-112 '62.

Effect of external parts on an increase in width during longitudinal rolling. P.I.Polukhin, V.A.Masterov, G.IA.Gun. Izv.vys.ucheb.zav.,; tsvet.met. 5 no.5: 141-144 '62.

Effect of strip tension on the rolling pressure. V.P. Grechko, M.D.Kutsygin. Trudy Inst.chern.met. AN URSR 17:31-37 '62.

Effect of the conditions of steel rod cooling on the pickling process. A.P.Chekmarev, IU.V.Goncharov. Nauch. trudy DMI no.48 292-298 '62.

Effect of tension on the metal spread during rolling. L.N.Levchenko, L.F.Mashkin. Nauch.trudy DMI no.48:158-166 '62.

Experimental determination of the torque arm during the cold rolling of alloyed steels. M.M.Saffian, V.P. Kholodnyi. Nauch.trudy DMI no.48 228-238 '62.

Experimental investigation of the effect of rolling speed on specific pressure. L.D.Kapturov. Nauch.trudy DMI no.48,311-315 '62.

Forward slip in rolling angles on continuous mills. A.P. Chekmarev, G.P.Borisenko. Nauch.trudy DMI no.48. 94-107 '62.

High and transverse metal deformations in beam passes. R.A.Mashkovtsev. Nauch.trudy DMI no.48:284-291 '62.

Increasing the accuracy of rolling on shape and wire mills. A.P.Chekmarev, G.G.Pobegailo. Nauch.trudy DMI no.48:5-54 '62.

Investigating external friction during the rolling of lead. A.P.Grudev, IU.V.Zil'berg. Nauch.trudy DMI no.48: 299-310 '62.

Kuganenko, M.E., M.V.Kovynev, and V.V.Miller [Sheet-rolling mill practice, manual for increasing the qualifications of workers in the industry] Listoprokatnoe proizvodstvo, posobie dlia povysheniia kvalifikatsii rabochikh na proizvodstve. Moskva, Metallurgizdat, 1962. 420 p.

Maxima angles of bite in the rolling of steel and nonferrous metals. A.P.Grudev, IU.V.Zil'berg. Nauch. trudy DMI no.48 186-191 '62.

Metal pressure on rolls and cogging conditions on a three-high sheet rolling mill in the Novo-Kramatorsk Machinery Plant. A.P.Chekmarev, L.E.Kapturov, S.N.Rabinovich. Nauch.trudy DMI no.48 239-249 '62.

Metal pressure on rolls and cogging conditions on a two-high thin sheet rolling mill. A.P.Chekmarev, L.F. Kapturov, S.N.Rabinovich. Nauch.trudy DMI no.48: 257-264 '62.

New methods of investigating metal deformations in shaped grooves. R.A.Mashkovtsev. Nauch.trudy DMI no.48:275-283 '62.

Optimum shape in cross section of strips for sheet steel manufacture. V.Kh.Faizullin, V.L.Radiukevich. Stal' 22 no.10 934-936 O '62.

Potentialities in rolling mill practice to serve communism. B.S.Shapiro. Metallurg 7 no.11:6-8 '62.

Pressure in rolling between rolls with a variable radius. A.P.Chekmarev and others. Nauch.trudy DMI no.48: *157-173 '62.*

Pressure on rolls and the rolling moment during tension. A.P.Chekmarev, L.N.Levchenko. Nauch.trudy DMI *no.48:147-157 '62.*

Prospects for the development of combined processes of continuous casting and rolling of steel. I.N.Golikov, O.G.Muzalevskii. Izv.AN SSSR.Otd.tekh.nauk.Met.i topl. no.5:9-14 S-O '62.

Rolling of angle steel on a continuous mill. A.P. Chekmarev and others. Nauch.trudy DMI no.48:79-*93 '62.*

Rolling the blade of a composite share made of Khl2F1 steel. Stal' 22 no.10.919-921 O '62.

Speed of rolling in grooves. N.M.Sanko. Nauch.trudy DMI no.48:330-334 '62.

Tolerance limits and the possibility of rolling merchant shapes in multiple lines. G.G.Pobegailo. Trudy Inst. chern.met. AN URSR 17:130-134 '62.

Torque distribution among rolls during the rolling of beams. V.A.Tertaev. Trudy Inst.chern.met. AN URSR 17:125-129 '62.

ROLLING (METALWORK)—BIBLIOGRAPHY see Bibliography—Rolling (Metalwork)

ROLLING (METALWORK)—QUALITY CONTROL

Effect of the shape, weight, and conditions of the rolling of rails on their quality. M.P.Galomin. Nauch.trudy DMI no.48:316-322 '62.

ROLLING (METALWORK)—TESTING

Methods of investigating the rolling of plain and shaped sections with backing and tension. A.P.Chekmarev, L.N.Levchenko. Nauch.trudy DMI no.48:132-146 '62.

ROLLING MILLS

(see also subdivision under Chelyabinsk)

Arm of the resultant in rolling with tension. V.P.Grechko, M.D.Kutsygin. Trudy Inst.chern.met. AN URSR 17:38-44 '62.

Contact arc and the torque arm coefficient considering the elastic compression of the rolls. A.A.Dinnik. Nauch.trudy DMI no.48:206-215 '62.

Determination of an expedient speed for ejection of ingots from the rollers during automatic rolling on a reversing milling machine. L.P.Smol'nikov. Izv LETI 59 no.46 118-127 '62.

Effect of tension on energy consumption during rolling. A.I.TSelikov. Stal' 22 no.10:922-923 O '62.

Engineering methods for calculating metal pressure on rolls and the torque in hot rolling with smooth rolls. A.A.Dinnik. Nauch.trudy DMI no.48:56-78 '62.

Improving the grooving of continuous billet mills. [illegible] Bolashinov, I.P.Shulaev. Stal' 22 no.10 931-933 O '62

Investigating tension on a continuous shape mill. A.P. Chekmarev, G.P.Borisenko. Nauch.trudy DMI [illegible] 108-120 '62.

Kinematic interaction of horizontal and vertical stands in mill rolls. V.I.Pavlov, V.I.Meleshko, M.P.Fig[illegible] tovskii. Trudy Inst.chern.met. AN URSR [illegible] '62.

Maxima angles of bite during the steady rolling [illegible] V.I.Prokof'ev. Nauch.trudy DMI no.48,321-329 '62.

Methods of approximate estimates of stabbing mill input. V.I.Meleshko, V.I.Pavlov. Trudy Inst.chern.met. AN URSR 17 112-146 '62.

Moscow. Vsesoluznyi institut nauchnoi i tekhnicheskoi informatsii. [Rolling mills] Prokatnye stany. Ed. ed. E.S.Rokotiana. Moskva, 1959-61 2 v.

Relation between unit energy consumption and metal pressure on the rolls. E.S.Rokotian. Stal' 22 no.11 921-925 O '62

Tension between stands of a continuous strip mill. N.P. Shklidenov. Trudy Inst.chern.met. AN URSR [illegible] '62

TSelikov, A.I. [Theory of force calculations in rolling mills] Teoriia raschета usilii v prokatnykh stanakh. Moskva, Metallurgizdat, 1962. 494 p.

ROLLING-MILLS—FOUNDATIONS

Manufacture and assembly of frames for anchor bolts. P.S.Marchenko. Mont.i spets.rab.v stroi. 24 no.10:18-19 O '62.

ROLLING MILLS—LABOR PRODUCTIVITY see subdivision under Novosibirsk

ROLLS (IRON MILLS)

Addition to the universal principle of grooving. A.A. Logovatovskii. Izv.vys.ucheb.zav.,chern.met. 5 no.9:135-142 '62.

Automatic shape adjustment of sheet mill rolls by means of a mechanical grinding device. A.P.Chekmarev and others. Nauch.trudy DMI no.48:265-274 '62.

Calculation of roll grooving on prestressed stands. A.P. Chekmarev, G.G.Pobegailo. Trudy Inst.chern.met. AN URSR 17:135-141 '62.

Effect of conditions of heating with commercial fuel, energy currents on residual stresses and resilience of rolls for cold rolling. B.D.Petrov, P.V.Bykhovtsev. Metalloved.i term.obr.met. no.10.50-52 O '62.

Elastic deformations of rolls on a four-high mill. V.P. Polukhin, IU.D.Zheleznov, A.V.Zinov'ev. Izv.vys. ucheb.zav.,chern.met. 5 no.9:143-149 '62.

Investigating the grooving and the wear of rolls on a four-high thin sheet rolling mill. A.P.Chekmarev, S.S. Rabinovich, L.E.Kapturov. Nauch.trudy DMI no.[illegible] 250-256 '62.

Temperature conditions of roughing rolls on continuous thin-sheet mills. A.P.Chekmarev and others. Nauch. trudy DMI *no.48:121-131 '62.*

ROLLS (IRON MILLS)—TESTING

Experimental deflection determination of the rolls on a four-high rolling mills. M.M.Saffian, V.P.Kholodnyi. Nauch.trudy DMI no.48:216-227 '62.

ROMANOVSKII, GENNADII DANILOVICH, 1830-1903

Uchenyi [illegible] Otdel [illegible] 298 p. illus. (Russkie uchenye-issledovateli Srednei Azii, no.4)
(MH)

ROMASHKI (KIEV PROVINCE)—ANTIQUITIES

Calendar of the ancient Slavs. B.A.Rybakov. Nauka i zhizn' 29 no.8:29-32 S '62.

ROME—HISTORY

"Parthia and Rome; the origin of political dualism in the Near East" by A.G.Bokshchanin. Reviewed by N.P. Belova, I.V.Pliankov. Vest.drev.ist. no.3 159-161 '62.

ROME—SLAVERY

Slavery in the Danube Valley provinces of the Roman Empire, a review of recent studies. IU.K.Kolesov. Vest.drev.ist. no.3:186-198 '62.

ROOFING PAINT

Roofing paste. A.Chernov. Mest.prom.i khud.promys. 3 no.8:15 Ag '62.

ROOFS—MAINTENANCE AND REPAIR

Repairing the roof for winter. IU.Vernikovskii. Sel'. stroi. no.9 18-19 S '62.

ROOFS, SUSPENSION

Suspended roofs. L.Dmitriev, A.Gorodetskii. Stroi.i arkhit. 10 no.9:21-23 S '62.

ROOSEVELT, FRANKLIN DELANO, 1882-1945

Sherwood, R. E. [Roosevelt and Hopkins; an intimate history. Translated from the English] Ruzvel't i Gopkins, glazami ochevidtsa. Red. V. N. Pavlov. Vstup. stat'ia IU. V. Borisova. Moskva, Izd-vo inostr. lit-ry, 1958. 2v.
(MID)

ROOTS (BOTANY)

Accretion of root systems and healing of stumps in dense plantations of the Siberian larch S. G. Cheremskoi. Agrobiologiia no. 3 450-451 My-Je '62.

Accretion of tree roots in forests of the Yalta Forest Working Circle. G. D. IAroslavtsev. Les. Pho. 15 no. 6:49-54 Je '62.

Effect of root excretions of annual legumes on the vital activity of corn in mixed cultures. L. I. Guliaev, G. A. Ronsal', Bot. zhur. 47 no. 8 1152-1159 Ag '62.

Effect of root pruning time on the opening of cotton bolls. B. G. Protsenko. Uch. zap. Biol.-pochv. fak. Kir. un. no. 7:49-54 '58.

Growth of the root system in self-pollinated lines and interlinear hybrids of corn. I. F. Dorovskaia. Nauch. dokl. vys. shkoly, biol. nauki no. 4 137-141 '62.

Heterogeneity of tissues in the main rhizome of the hop plant. A. S. Sergeev, N. M. Matveev. Agrobiologiia no. 3 452-453 My-Je '62.

Kolosov, I. I. [Absorptive activity of the root systems of plants] Poglotitel'naia deiatel'nost' kornevykh sistem rastenii. Moskva, Izd-vo Akad. nauk SSSR 1962. 387 p.

Methods for determining the general anion-exchange absorptive capacity of roots by adsorption [with summary in English]. A. V. Peterburgskii, G. L. Neliubova. Fiziol. rast. 9 no. 5 651-653 '62.

Method for studying the corn root system. N. N. Kuleshov, I. A. Marchenko. Fiziol. rast. 9 no. 5 631-634 '62.

Methods of studying the root systems of agricultural plants. S. S. Rubin and others. Bot. zhur. 47 no. 8 1176-1184 Ag '62.

Right and left roots in plants [with summary in English]. IU. A. Urmantsev, A. M. Smirnov. Bot. zhur. 47 no. 8: 1073-1086 Ag '62.

Root accretion in pines planted in clusters in the forest zone. N. V. Podzolov. Les. khoz. 15 no. 6:54-56 Je '62.

ROSTOV-ON-DON—BUILDING RESEARCH

In the Building Research Institute in Rostov-on-Don. Biul. strol. tekh. 19 no. 9:42-44 S '62.

ROSTOV PROVINCE—AGRICULTURE

Rasporkin, F. P. [Shoots] Vskhody. Sovetskaia Rossiia, 1962. 78 p.
(DNAL)

Take, my homeland, the rich gift! I. Zametin. Ogonek 40 no. 41:3-4 O '62.

ROSTOV PROVINCE—INDUSTRIAL ORGANIZATION

Improving the administrative apparatus. G. Gubarev. Sots. trud 7 no. 8:127-129 Ag '62.

ROSTOV PROVINCE—MINE ROOF BOLTING

Experimental use of rod bolting with sprayed concrete in mines of the Rostov Economic Region. B. K. Chukan and others. Gor. zhur. no. 10 21-27 O '62.

ROSTOV PROVINCE—SHREWS

Shrews in Rostov Province. T. I. Kritskaia. Nauch. dokl. vys. shkoly, biol. nauki no. 4 46-49 '62.

ROSTOV PROVINCE—WINDBREAKS, SHELTERBELTS, ETC.

Shaposhnikov, A. P., S. F. Bessarabov, and K. A. Kuznetsov. [Shelterbelt afforestation and landscaping in the Don Valley; from farm practices in Rostov Province] Zashchitnoe lesorazvedenie i ozelenenie na Donu; iz opyta khoziaistv Rostovskoi oblasti [Rostov-na-Donu] Rostovskoe knizhnoe izd-vo, 1962. 269 p.
(DNAL)

ROTARY KILNS see Kilns, Rotary

ROTATING AMPLIFIERS

Radin, V. I. [Amplidynes] Elektromashinnye usiliteli. Moskva, Gosenergoizdat, 1962. 75 p. (Biblioteka po avtomatike, no. 56)

Smirnov, V. A. [Amplidynes] Elektromashinnye usiliteli. Moskva, Voenizdat, 1962. 72 p. (Za voenno-tekhnicheskie znaniia)
[MICROFILM]

ROTATING DISKS see Disks, Rotating

ROTATION OF CROPS

Effect of postharvest annual forage crops on the yield of hemp and physicochemical properties of soil. O. IE. Zabrodskyi. Visnyk sil'hosp. nauky 5 no. 9:100-104 S '62.

Mukhamedzhanov, M. V. [Crop rotation and subsoiling in cotton regions] Sevooboroty i uglublenie pakhotnogo sloia pochvy v rainonakh khlopkovodstva. Tashkent, Izd-vo Akad. nauk Uzbekskoi SSR, 1962. 263 p.
(DNAL)

Preceding crops for hemp. N. A. Krasheninnikov, P. T. Borisenko. Trudy Vses. nauch.-issl. inst. lub. kult. no. 24:39-60 '59.

ROTIFERA see subdivision under Kaliningrad region

RUBAKIN, NIKOLAI ALEKSANDROVICH, 1862-1946

Letter from N. A. Rubakin to L. B. Khavkina. Trudy LGBI 8 261-263 '61.

RUBBER
(see also subdivision under Japan)

Use of rubber solution in studying the properties of rubber. I. N. Chertkov. Khim. v shkole 17 no. 1 66-69 Jl-Ag '62.

Using rubber of depreciated goods for the manufacture of waterproofed film materials. I. V. Provintsev, V. I. Vatazhina, V. Z. Latsiuk. Sbor. trud. VNIINSM no. 5 65-71 '61.

RUBBER, SYNTHETIC

Labutin, A. L., and N. S. Fedorova. [Anticorrosive and sealing thiokol compounds] Antikorrozionnye i germetiziruiushchie tiokolovye sostavy. Leningrad, 1962. 21 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia Sinteticheskie materialy, no. 4)

Labutin, A. L., and N. S. Fedorova. [Hermetic seals from rubbers] Germetiki na osnove kauchukov, sleno-gramma lektsii. Leningrad, 1962. 47 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Seriia Sinteticheskie materialy)

Rubber cables based on carboxylate rubbers. V. N. Kolobenin, G. A. Blokh. Khim. prom. [Ukr.] no. 1:22-27 Ja-Mr '62.

RUBBER INDUSTRY see subdivision under Ceylon

RUBINSHTEIN, ANTON GRIGOR'EVICH, 1829-1894

Barenboim, L. A. [Anton Grigor'evich Rubinshtein; life, artistic path, work, musical and public activities] Anton Grigor'evich Rubinshtein; zhizn', artisticheskii put', tvorchestvo, muzykal'no-obshchestvennaia deiatel'nost'. Leningrad, Muzgiz.
Vol. 2. 1867-1894. 1962. 490 p.

RUBINSHTEIN, ISAAK SAMUILOVICH, 1902-

I. S. Rubinshtein. Zdrav. Bel. 8 no. 5:76 My '62.

RUDAKOV, KONSTANTIN IVANOVICH, 1891-1949

Akademiia Khudozhestv SSSR. Muzei. [Konstantin Ivanovich Rudakov; exhibition catalog] Konstantin Ivanovich Rudakov, katalog vystavki. Moskva, Iskusstvo, 1951. 55 p. 16 plates.
(NNC)

RUDNYY—DESCRIPTION

Ore, town and people. IU. Gorin. Sov. Soiuz no. 11:38-41 '62.

RUDO, NIKOLAI MIKHAILOVICH, 1894-1962

N. M. Rudo; obituary. Izm. tekh. no. 10:63 O '62.

RULERS (INSTRUMENTS)

Ruler for dividing a circumference into equal parts. M. Liman. Shkola i proizv. 6 no. 10 63-64 O '62.

RUMANIA—ARCHITECTURE

Modern and interesting. Stroi. i arkhit. 10 no. 9:36-37 S '62.

RUMANIA—COMMUNIST PARTY—CONGRESSES

Partidul Muncitoresc Romin. Comitetul Central. [Report of the Central Committee at the Third Congress of the Rumanian Workers' Party] Otchetnyi doklad TSentral'nogo komiteta Rymynskoi rabochei partii III s"ezdu partii. [By] Gheorghiu-Dej, Gheorghe. Moskva, [Gos. izd-vo polit. lit-ry] 1960. 175 p. (Bibliotechka po nauchnomu sotsializmu)
(CSt-H)

RUMANIA—COMMUNIST YOUTH LEAGUE

Forty years in the service of Rumanian youth. Mol. mira no. 1 9-10 '62.

RUMANIA—DOCUMENTATION

Technical documentation in the Rumanian People's Republic. T. E. Orzhekhovskaia. Bibliotekoved. i bibl. za rub. no. 9:52-78 '62.

RUMANIA—ECONOMIC POLICY

Partidul Muncitoresc Romin. Comitetul Central. [Report of the Central Committee at the Third Congress of the Rumanian Workers' Party] Otchetnyi doklad TSentral'nogo komiteta Rymynskoi rabochei partii III s"ezdu partii. [By] Gheorghiu-Dej, Gheorghe. Moskva, [Gos. izd-vo polit. lit-ry] 1960. 175 p. (Bibliotechka po nauchnomu sotsializmu)
(CSt-H)

RUMANIA—FINANCE

Establishing norms and financing working capital in Rumanian industries. Aurel Vijoli. Fin. SSSR 23 no. 10:84-92 O '62.

RUMANIA—HISTORY

History of the Rumanian labor movement. A. A. IAz'kova, O. Oltianu. Nov. i noveish. ist. no. 5:166-167 '62.

RUMANIA—POLITICAL PRISONERS

Five meetings with my husband. V. Rudin. Ogonek 40 no. 25:14-15 Je '62.

RUMANIA—POWER ENGINEERING—RESEARCH

Organizing scientific research work on power engineering in Rumania. A. S. Alizade. Izv. AN Azerb. SSR. Ser. fiz.-mat. i tekh. nauk no. 2:113-117 '62.

RUMANIA—RADIO JOURNALISM

Years of a youthful genre. Teodor Brates. Sov. rad. i tel. 6 no. 5 26-29 '57.

RUMANIA—STATISTICS—YEARBOOKS

Rumania. Directiunea Centrala de Statistica. [Statistical yearbook of the Rumanian People's Republic, 1961] Statisticheskii ezhegodnik RNR, 1961. Bucharest, [n. d.] 1 v.
(KU)

RUMANIA—WORLD WAR, 1939-1945

How the Hitlerites transformed Rumania into a place d'armes for the assault on the U. S. S. R. A. A. Shevinkov. Nov. i noveish. ist. no. 4:103-111 '62.

RUMANIAN LANGUAGE—STUDY AND TEACHING

Sadetskaia, A. S. [Practical course in the Rumanian language] Prakticheskii kurs rumynskogo iazyka. Moskva, Izd-vo IMO, 1962. 341 p.

RUMANIAN LANGUAGE—VOICE

Lukht, L. I. [Voice in the modern Rumanian language; the passive] Zalog v sovremennom rumynskom iazyke; passiv. Moskva, Izd-vo Akad. nauk SSSR, 1962. 79 p.

RUMEX

Liquid extract of horse sorrel root as a hypotensive preparation [with summary in English]. L. A. Shvedenko. Vrach. delo no. 10 53-57 O '62.

RUNOFF
(see also subdivision under Mongolia)

[Protection of railroads against mudflows; proceedings of the conference held in Tbilisi in April 1961] Zashchita zheleznykh dorog ot selevykh potokov; trudy soveshchaniia v g. Tbilisi v aprele 1961 g. Moskva, Transzheldorizdat, 1962. 237 p.

Surface runoff and processes of soil erosion in the clear-cut areas of pine and larch forests in the Buryat A. S. S. R. as exemplified by the Zaigrayevo Forest Working Circle. I. I. Khutorov. Trudy Inst. lesa i drev. 54 235-277 '62.

Water balance and its zonal features. M. I. Lvovich. Izv. AN SSSR, Ser. geog. no. 5 3-13 S-O '62.

RURAL CONDITIONS

City conveniences for rural areas. Zhil.-kom. khoz. 12 no. 5:10-11 My '62.

RURAL ELECTRIFICATION

Automation of rural electric power distribution networks. N. M. Zul'. Vest. elektroprom. 33 no. 9:3-7 S '62.

One of the most pressing problems. I. A. Budzko. Vest. elektroprom. 33 no. 9:1-3 S '62.

Rural electric power plants using gas turbines. I. Lovkov, S. Iosipian. Tekh. v sel'khoz. 22 no. 8:31-35 Ag '62.

Study of the substitution of high-voltage protection equipment by sectionalizing apparatus in rural consumers' 10/0.4 kv. transformer substations. O. IU. Raichenko. Visnyk sil'hosp. nauky 5 no. 9:29-33 S '62.

Underground 500 volt cable networks for rural electric power distribution. R. V. Kulakova, A. G. Mirzoev. Vest. elektroprom. 33 no. 9:7-10 S '62.

RURAL ELECTRIFICATION—EQUIPMENT AND SUPPLIES

Accelerate the development and manufacture of electrical equipment for use in rural areas. S. G. Iosipian. Vest. elektroprom. 33 no. 9:14-17 S '62.

RURAL PLANNING

Designing a new type of settlement. V. Moshkova, A. Shteinberg. Stroi. i arkhit. 10 no. 9:19-20 S '62.

Fourth plenum of the board of directors of the Union of Ukrainian Architects. Stroi. i arkhit. 10 no. 9:36-39 S '62.

RURAL SCHOOLS

Shibanov, A. A. [Polytechnic and practical training in the rural school] Politekhnicheskoe i proizvodstvennoe obuchenie v sel'skoi shkole. Izd. 4., perer. i dop. Moskva, Izd-vo Akad. pedagog. nauk RSFSR, 1962. 300 p.
(DNAL)

RUSSIA

News in pictures. Ogonek 40 no. 43:2-5 O '62.

Photographs with comments. Ogonek 40 no. 44:4-7 O '62.

RUSSIA—AIR FORCE

Achievements of the Great October Revolution are sacred. Av. i kosm. 45 no. 10:2-6 '62.

On a voluntary basis! N. Ostreumov. Av. i kosm. 45 no. 10:78-80 '62.

There should be no red tape in competition. O. Chaplinskii, V. Smolin. Av. i kosm. 45 no. 6:40-44 '62.

Under the guards banner. M. Novikov. Av. i kosm. 45 no. 10:39 '62.

We should teach our fliers to be exact and industrious. N. Shchepankov, A. Krylov. Komm. Vooruzh. Sil 3 no. 20:32-37 O '62.

RUSSIA—ALLIED INTERVENTION, 1918-1920

Kol'tsov, P. S. [The last clash with the Entent] Poslednaia skliavka s Antantoi. Moskva, Gospolitizdat, 1962. 76 p. (Stranitsy istorii Sovetskoi Rodiny)

Samoilo, A. A., and M. I. Sboichakov. [Instructive lesson; combat operations of the Red Army against the interventionists and White Guards in northern Russia between 1918 and 1920] Pouchitel'nyi urok; boevye deistvila Krasnoi Armii protiv interventov i belogvardeitsev na Severe Rossii v 1918-1920 gg. Moskva, Voenizdat, 1962. 190 p.

RUSSIA—ANTI-COMMUNIST MOVEMENTS

Tolstaia, A. L. [Appeal of free Russians to the free world, May 1st, 1959] Obrashchenie svobodnykh rossian k svobodnomu miru, pervogo maia 1959 g. [New York, 1959] 19 p.
(CLU)

RUSSIA—ARMED FORCES

Faithful guardians of our motherland, on the 12d anniversary of the Soviet Armed Forces. S. Matlin. Blok. agit. [Bel.] no. 1 11-21 F '60.

Grechko, A. A. [Great mission] Vysokoe prizvanie. Moskva, Voenizdat, 1962. 98 p.

Our Leninist brotherhood of the Communists. M. Sibilev. Komm. Vooruzh. Sil 3 no. 20 13-49 O '62.

Problem of the number of the Soviet Armed Forces. N. I4, Galat. Mat. i soob. Iasl. otd. Inst. po Izuch. SSSR no. 35/36 1-5 My-Je '62.

To greet the 45th anniversary of the great October. Voen. znan. 38 no. 10:1 O '62.

The 22d Congress of the CPSU and the defense of our socialist fatherland. N. Titov. Komm. Vooruzh. Sil 3 no. 20:10-18 O '62.

Under the invincible banner of Lenin. Sov. voin. 44 no. 20:1-2 O '62.

We should prize the honor and high calling of the "Soviet soldier." Komm. Vooruzh. Sil 3 no. 21 1-8 N '62.

RUSSIA—ARMED FORCES—EDUCATION, NONMILITARY

Russia (1923- U. S. S. R.) Glavnoe politicheskoe upravlenie Sovetskoi Armii i Voenno-Morskogo Flota. [Noncommissioned officers, direct supervisors and educators of soldiers and sailors; textbook on political studies for noncommissioned officers] Seržhanty i starshiny, neposredstvennye nachal'niki i vospitateli soldat i matrosov; uchebnoe posobie po politicheskim zaniatiiam dlia serzhantov i starshin. Moskva, Voen. izd-vo, 1960. 221 p.
(NNC)

RUSSIA—ARMED FORCES—OFFICERS

Training officers as commanders. Voen. vest. 42 no. 10 7-9 O '62.

RUSSIA—ARMED FORCES—POLITICAL ACTIVITY

Brief news of party and political work. Komm. Vooruzh. Sil 3 no. 21 93-95 N '62.

Brief news of party and political work. Komm. Vooruzh. Sil 3 no. 20:94-96 O '62.

Combat friendship. V. Aksenov. Voen. vest. 42 no. 10: 11-12 O '62.

Sloss, V. P. [Communists guide and direct] Kommunisty vedut. Moskva, Izd-vo "Morskoi transport," 1959. 118 p.
(NNC)

A year of inspired labor, on the anniversary of the 22d Congress of the CPSU. Voen. vest. 42 no. 10:3-6 O '62.

RUSSIA—ARMY

Belosselsky-Belozersky, S. S. Istoriia L. Gv. Konnago polka, illustratsii. History of the Russian Horse Guards; illustrations. [New York, Prince Belosselsky-Belozersky, 1961] 39 p. 186 p. of illus.
(NN)

Kirin, L. [Victory goes to the courageous and capable soldier] Pobeda dastsia smelomu i umelomu. Moskva, Voenizdat, 1962. 62 p. (Biblioteka soldata i matrosa)

RUSSIA—ARMY—DEMOBILIZATION

Main consideration of the entire world. Blok. agit. [Bel.] no. 4:22-24 F '60.

RUSSIA—ARMY—DRILL AND TACTICS

Russia (1923- U. S. S. R.) Ministerstvo oborony. [Drill manual of the Armed Forces of the U. S. S. R.] Stroevoi ustav Vooruzhennykh sil Soiuza SSR. Moskva, Voen. izd-vo, 1961. 176 p.
[MICROFILM]

RUSSIA—ARMY—EQUIPMENT

Contribution of efficiency promoters in the army. M. Konstantinov. Voen. vest. 42 no. 10:109-111 O '62.

RUSSIA—ARMY—MILITARY LIFE

Generous heart. V. Maimeskul. Sov. voin. 44 no. 20:41 O '62.

Leading lights. Voen. vest. 42 no. 10:10-11 O '62.

Soldier's canteen. Aleksandr Krivitskii. Ogonek 40 no. 41:28-30 O '62.

Voluntary participation in social group work. P. Usachev. Komm. Vooruzh. Sil 3 no. 21:55-58 N '62.

RUSSIA—ARMY—NONCOMMISSIONED OFFICERS

Better training for future sergeants. P. Lashchenko. Voen. vest. 42 no. 10:41-45 O '62.

RUSSIA—ARMY—OFFICERS

Always ready for combat. V. Shaibei. Voen. vest. 42 no. 10 36-37 O '62.

RUSSIA—ARMY—POLITICAL ACTIVITY

A committee for Communist Youth League work. A. Makunin. Komm. Vooruzh. Sil 3 no. 21 59-61 N '62.

Follow-up of articles published in our periodical. Komm. Vooruzh. Sil 3 no. 21:96 N '62.

From simple to complicated problems. V. Kuznetsov. Komm. Vooruzh. Sil 3 no. 21 62-64 N '62.

How to plan political and educational work in military units. V. Buslaev. Komm. Vooruzh. Sil 3 no. 20:86-88 O '62.

Important results and instructive conclusions. A. Bednagin. Komm. Vooruzh. Sil 3 no. 20 26-31 O '62.

New methods of political studies. B. Viazgichev. Komm. Vooruzh. Sil 3 no. 20, 63-66 O '62.

RUSSIA—ARMY—SIGNAL CORPS

Education of youth is the highly important duty of all party members. R. Molodyko. Komm. Vooruzh. Sil 3 no. 21 33-36 N '62.

RUSSIA—COMMERCE—AFRICA

Mutual advantage, broad prospects [with English summary in insert]. V. Katin. Az. i Afr. seg. no. 10:10-13 O '62.

RUSSIA—COMMERCE—GHANA

Commerce with Ghana is on the upsurge [with English summary in appendix]. G. Fadina. Vnesh. torg. 42 no. 10:8-11 '62.

RUSSIA—COMMERCE—NIGER

Ten days in the Niger Republic. I. Grishin. Vnesh. torg. 42 no. 10:13-14 '62.

RUSSIA—COMMERCE—SENEGAL

Trade agreement between the U. S. S. R. and the Republic of Senegal. Vnesh. torg. 42 no. 10:50-51 '62.

RUSSIA—COMMERCE—SUDAN

Long-term trade agreement between the U. S. S. R. and the Republic of Sudan. Vnesh. torg. 42 no. 10:48-50 '62.

RUSSIA—COMMUNIST PARTY see Communist Party of the Soviet Union

RUSSIA—CONSTITUTION

Basic phases in the development of the Soviet socialist state and its Constitution. B. Manelis. Komm. Ut. 34 no. 7:42-52 Jl '62.

RUSSIA—CULTURE

Conclusive phase of the cultural revolution. R. F. Abul'khanov, N. S. Zlobin. Vop. filos. 16 no. 10: 141-143 '62.

RUSSIA—DEFENSES

Goranskii, M. N. [The 22d Congress of the CPSU on the consolidation of the economic and defensive power of the U. S. S. R.] XXII s"ezd KPSS ob ukreplenii ekonomicheskogo i oboronnogo mogushchestva SSSR. Minsk, 1962. 27 p. (Obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii Belorusskoi SSSR, no. 10)

RUSSIA—DESCRIPTION AND TRAVEL

Along the roads of the socialist world. G. Fedoseev. Sov. pech. no. 10:60-61 O '62.

RUSSIA—ECONOMIC CONDITIONS

Another morning. Boris Ivanov. Ogonek 40 no. 42:4 O '62.

Burlakov, M. I. [Development of production relations during the period of the building of communism] Razvitie proizvodstvennykh otnoshenii v period stroitel'stva kommunizma. Moskva, Izd-vo "Znanie," 1962. 38 p. (Novoe v zhizni, nauke, tekhnike. III Seriia: Ekonomika, no. 17)

Criticism of bourgeois falsifications concerning Soviet economic development. L. Speranskaia. Nauch. dokl. vys. shkoly; ekon. nauki no. 5:21-30 '62.

Epoch of great achievements. A. V. Topchiev. Sov. Soiuz no. 11:14-15 '62.

A great event in the life of our party and the Soviet people. Agitator no. 22:2 N '62.

How the industrial development of the non-Russian republics of the Soviet Union was equalized during the building of socialism. Iu. F. Vorob'ev. Ist. SSSR 6 no. 4: 26-51 Jl-Ag '62.

Moscow. Akademiia obshchestvennykh nauk. [CPSU in the struggle for the expansion of the national economy at the present stage] KPSS v bor'be za pod"em narodnogo khoziaistva na sovremennom etape. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1962. 325 p.

The October Revolution has shown us our road. Ukraina no. 21:1 N '62.

"Problems of the early history of capitalism in Russia; collected articles." Reviewed by Iu. A. Tikhonov, S. M. Troitskii. Ist. SSSR 6 no. 4:174-178 Jl-Ag '62.

[Problems of the economics of socialism] Problemy politicheskoi ekonomii sotsializma; sbornik statei. Moskva, Gos. izd-vo polit. lit-ry, 1961. 1 v.
(NN)

Small industrial enterprises producing consumer goods in the development of capitalism in Russia in the late 19th century. N. L. Rubinshtein. Int. Sotsial. [illegible] Ji-Ag '62.

"The Soviet industrialization debate" [illegible] A. Erlich. Reviewed by V. Z. Drobizhev. [illegible] no. 4:201-203 Jl-Ag '62.

Statistics show our glorious achievements. [illegible] Belarus' 10 no. 10 1-2 O '62.

To greet the 45th anniversary of the great [illegible] Voen. znan. 38 no. 10 1 O '62.

Triumph of the ideas of the Great October. [illegible] no. 11 1-3 N '62.

Two worlds and two results. Sov. Soiuz no. 11 [illegible]

Under the banner of the October Revolution. [illegible] 38 no. 10 1 O '62.

Under the invincible banner of Lenin. [illegible] no. 20, 1-2 O '62.

Victorious march of the October Revolution. [illegible] Vooruzh. Sil 3 no. 20:3-9 O '62.

RUSSIA—ECONOMIC GEOGRAPHY see Geography, Economic

RUSSIA—ECONOMIC POLICY

Ashkhabad. Institut istorii partii. [The 31st [illegible] congress of builders of communism, materials for propagandists] XXI s"ezd - s"ezd stroitelei kommunizma; materialy dlia propagandistov. Ashkhabad, [illegible] mengosizdat, 1959. 123 p.

Goranskii, M. N. [The 22d Congress of the [illegible] consolidation of the economic and defensive [illegible] of the U. S. S. R.] XXII s"ezd KPSS ob ukreplenii [illegible] cheskogo i oboronnogo mogushchestva [illegible] 1962. 27 p. (Obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii Belorusskoi [illegible] no. 10)

Karpenko, A. P. [Plan of the economic development of the U. S. S. R. for 1959-1965, new stage in the building of communism] Plan razvitiia narodnogo khoziaistva SSSR na 1959-1965 gody - novyi etap v stroitel'stve kommunizma. Moskva, Ob-vo po rasprostraneniiu politi. i nauchn. znanii RSFSR, 1959. 59 p.
(NNC)

Labor productivity is a foundation for [illegible] ing-up of communism. Stan. i instr. [illegible] O '62.

Memorable anniversary. Mashinostroitel' [illegible] O '62.

RUSSIA—FEBRUARY REVOLUTION, 1917

Monopolistic bourgeoisie and the [illegible] ment. P. V. Volobuev. Trudy LOII AN SSSR [illegible] 240-273 '62.

RUSSIA—FOREIGN ECONOMIC RELATIONS. ALBANIA

Soviet-Albanian economic relations. L. A. Gol'[illegible] Mat. i soob. Iasl. otd. Inst. po Izuch. [illegible] F-Mr '62.

RUSSIA—FOREIGN ECONOMIC RELATIONS. EASTERN

Motto fraternal cooperation. Ogonek [illegible] '62.

RUSSIA—FOREIGN ECONOMIC RELATIONS. BRITAIN

Accounts and Loan Bank of Persia in [illegible] Anan'ich. Trudy LOII AN SSSR. no. 4 [illegible]

RUSSIA—FOREIGN ECONOMIC RELATIONS. JAPAN

Japanese business delegation in the U. S. S. R. [illegible] torg. 42 no. 10 insert. 12 p. O '62.

RUSSIA—FOREIGN ECONOMIC RELATIONS. LATIN AMERICA

Attempt to develop economic relations between [illegible] and the countries of Latin America at the [illegible] 19th and the beginning of the 20th centuries. [illegible] lin. Trudy LOII AN SSSR. no. 1 [illegible]

RUSSIA—FOREIGN RELATIONS

Airapetian, M. E. [Fundamental principles of [illegible] foreign policy] Osnovnye printsipy vneshnei [illegible] SSSR. Moskva, Ob-vo po rasprostraneniiu [illegible] nauchn. znanii RSFSR, 1959. 32 p. (Znanie [illegible]
(NNC)

Archives relate [with English summary to [illegible] E. Liusternik. Az. i Afr. seg. no. 10:52 [illegible]

Chicherin, G. V. [Articles and speeches on [illegible] politics] Stati i rechi po voprosam mezhd[illegible] politiki. Moskva, Sotsekgiz, 1961. 515 p. [illegible] vneshnei politiki)
(MH)

"Documentary materials on the foreign [illegible] U. S. S. R." Vols. 5-6. Reviewed by O. L. [illegible] Vop. ist. no. 10:124-127 O '62.

"Russian foreign policy in the 19th and the early [illegible] centuries." Vol. 6. Reviewed by A. [illegible] zhizn' 9 no. 11:123-125 N '62.

"Russian foreign policy in the 19th and early [illegible] tury." Reviewed by A. V. Fadeev. Vop. ist. [illegible] 133-135 O '62.

A sane policy of peace. Mir, ekon. i mezhdunar. [illegible] no. 11:3-6 N '62.

RUSSIA — FOREIGN RELATIONS (Continued)

Soviet effort to fulfill the tasks in foreign policy set up by the 20th Congress of the CPSU, 1956-1958. I. F. Ivashin. Uch. zap. kaf. ist. mezhdunar. rab. i nats. -osv. dvizh. no. 1:18-14 '59.

"The struggle in Russia over its foreign policy from 1906 to 1910" by I. V. Bestuzhev. Reviewed by A. IA Grunt Ist. SSSR 6 no. 4 161-164 Jl-Ag '62.

Two worlds and two results. Sov. Soiuz no. 11:3-4 '62.

RUSSIA—FOREIGN RELATIONS—AFGHANISTAN

Afghan scientists visiting the U. S. S. R. Vest AN SSSR 32 no. 10:88-89 O '62.

RUSSIA—FOREIGN RELATIONS—ARAB COUNTRIES

"The U S S R and Arab countries, 1917-1960, documents and source materials " Reviewed by N S Lutskala. Nar. Az. i Afr. no 5 182-183 '62

RUSSIA—FOREIGN RELATIONS—AUSTRIA

Austro-Russian relations on the eve of the Patriotic War of 1812 and during this war. Submitted by F. A. Fedorova, T. I. Mikhailova. Ist. arkh. 6 no. 4 95-120 Jl-Ag '62.

RUSSIA—FOREIGN RELATIONS—BIBLIOGRAPHY

Egorov, IU. V. [Peaceful coexistence and the struggle for universal peace (a manual for students of the program of the CPSU), recommended index of literature.] Mirnoe sosushchestvovanie i bor'ba za vseobshchii mir (v pomoshch' izuchaiushchim Programmu KPSS); rekomendatel'nyi ukazatel literatury. Leningrad, Publichnaia biblioteka, 1962. 62 p.

RUSSIA—FOREIGN RELATIONS—BULGARIA

Heart for heart and loyalty for loyalty. I. Vylkova. Ogonek 40 no. 22 4-5 My '62.

[The U. S. S. R. and Bulgaria are together forever; a visit of the representatives of the Soviet government and the party headed by the First Secretary of the Central Committee of the CPSU and Chairman of the Council of Ministers of the U. S. S. R. Comrade N. S. Khrushchev to the People's Republic of Bulgaria, May 14-20, 1962] SSSR i Bolgariia-naveki vmeste, prebyvanie sovetskoi partiino pravitel'stvennoi delegatsii vo glave s Pervym sekretarem TSentral'nogo Komiteta Kommunisticheskoi partii Sovetskogo Soiuza, Predsedatelem Soveta Ministrov SSSR tovarishchem N. S. Khrushchevym v Narodnoi Respublike Bolgarii, 14-20 maia 1962. goda. Moskva, Gospolitizdat, 1962. 149 p.

RUSSIA—FOREIGN RELATIONS—CHINA

Interference of the imperialist powers in Soviet-Chinese negotiations of 1917-1918 [with summary in English, p 233]. S. S. Khuscinov. Nar. Az. i Afr. no 5 83-91 '62

Kazanin, M. I. [Notes of a secretary of a mission; from the early history of Soviet diplomacy] Zapiski sekretaria missii; stranichka istorii pervykh let sovetskoi diplomatii. Moskva, Izd-vo vostochnoi lit-ry, 1962. 157 p

Results of a study of the Amur Basin. Vest. AN SSSR 32 no. 10:94-96 O '62.

RUSSIA—FOREIGN RELATIONS—EGYPT

Bondarevskii, G. L. [Relations between Russia and Egypt at the end of the 19th century; according to archival data] Russko-egipetskie otnosheniia v kontse XIX veka; po arkhivnym dannym. Moskva, Izd-vo vostochnoi lit-ry, 1960. 12 p.
(RPB)

RUSSIA—FOREIGN RELATIONS—FRANCE

Frenchmen welcome N. S. Khrushchev. R. Andrier. Blok. agit. [Bel.] no. 3-36-42 Ja '60.

RUSSIA—FOREIGN RELATIONS—GERMANY

Meeting of Soviet and German astronomers. A. A. Mikhailov. Vest. AN SSSR 32 no. 10:84 O '62.

RUSSIA—FOREIGN RELATIONS—IRAN

Alf-IUz-Bashi Karabagskii's diplomatic visit to Abbas-Mirza. S. V. Shostakovich. Izv. AN Azerb. SSR. Ser. obshchestv. nauk no 6 15-22 '62.

A sensible move. V. Suvorov. Az. i Afr. seg. no. 10:6 O '62.

RUSSIA—FOREIGN RELATIONS—JAPAN

"History of Soviet diplomatic relations with Japan" by L. N Kutakov. Reviewed by IU. Borisov. Mir. ekon. i mezhdunar. otn. no. 11 151-153 N '62.

"History of Soviet-Japanese diplomatic relations" by L. N. Kutakov. Reviewed by V. Ivanov. Mezhdunar. zhizn' 9 no. 11:128-131 N '62.

Japan's neutrality and the struggle for peace [with summary in English, p. 232]. Kh. T. Eidus Nar. Az. i Afr. no. 5:49-59 '62.

RUSSIA—FOREIGN RELATIONS—SUDAN

Sudan scientific delegation on a visit to the U. S. S. R. Vest. AN SSSR 32 no. 10:89-90 O '62.

RUSSIA—FOREIGN RELATIONS—UNITED STATES

"I got acquainted with your magazine..." Michael John Holberg. Mezhdunar. zhizn' 9 no. 11:138-139 N '62.

RUSSIA—GEOGRAPHY see Geography

RUSSIA—HISTORIOGRAPHY

Akademiia nauk SSSR. Otdelenie istoricheskikh nauk. [Historiography of the building of socialism and communism in the U. S. S. R.; collected articles based on the papers delivered at the session of the Scientific Council on the History of Socialism and Communism in the U. S. S. R.] Istoriografiia sotsialisticheskogo i kommunisticheskogo stroitel'stva v SSSR; sbornik statei po materialam sessii nauchnogo soveta. Moskva, Izd-vo Akad. nauk SSSR, 1962. 275 p.

Sources of the German neofascist conception of Russian history [with summary in English, pp 219-220] V. T. Pashuto. Vop. ist. no. 10,61-79 O '62.

RUSSIA—HISTORY

Brief notes. Vop. ist. no. 10,163-166 O '62.

Bulochnikov, M. G. [Memoirs of a participant in three revolutions] Zapiski uchastnika trekh revolutsii. Cheboksary, Chuvashskoe gos. izd-vo, 1961. 177 p.

[Elements of political science; a textbook] Osnovy politicheskikh znanii; uchebnoe posobie. [4., perer. i dop. izd.] Moskva, Gospolitizdat, 1962. 542 p.

Historical significance of the peasant war in the early 17th century. A. Kh. Gorfunkel'. Ist. SSSR 6 no 4:112-118 Jl-Ag '62.

"History of Russia in the period of capitalism" by S. S. Dmitriev, V. A. Fedorov, V. I. Bovykin Reviewed by G. N. Vul'fson. Ist. SSSR 6 no. 4:165-166 Jl-Ag '62.

In the Section of the Russian History of the Feudal Period of the Institute of History of the Academy of Sciences of the U. S. S. R. M. D. Kuimacheva Ist. SSSR 6 no. 4: 226-227 Jl-Ag '62.

Kashin, N. N. [Russia's past] Russkaia byl'. Los Angeles [Publ. by Georg Kachin]
Vol. 1. 1961.
(MH)

Minis, I. I., and D. S. Karev. [History of the U. S. S. R.; a textbook for the eight grade] Istoriia SSSR, uchebnoe posobie dlia 8 klassa. Moskva, Uchpedgiz, 1962. 334 p. maps.

A new document concerning the exile of "copper rioters". 1662. V. I. Bogdanov. Ist. arkh. 6 no. 4 233-234 Jl-Ag '62.

An Office of Urban Affairs of the Russian Government of the 16th century. V. I. Buganov. Vop. ist. no. 10:211-214 O '62.

[Problems of the economics of socialism] Problemy politicheskoi ekonomii sotsializma; sbornik statei. Moskva, Gos. izd-vo polit. lit-ry, 1961. 1 v.
(NN)

"The Russian state of the 17th century; new trends in its social, economic, political and cultural life, collected articles." Reviewed by S. M. Troitskii. Vop. ist. no. 10:139-141 O '62.

Stages of a great road. D. Beloiserkovskaia. Sov. rad. i tel. 6 no. 3:1-2 '57.

"Studies on the history of the U. S. S. R., 1861-1904" by V. I. Bovykin and others. Reviewed by S. B. Okun', N. I. Sergeeva. Ist. SSSR 6 no 4:167-170 Jl-Ag '62.

RUSSIA—HISTORY—CURIOSA AND MISCELLANY

From the pages of the periodical "Istoricheskii arkhiv." A. Iglitskii. Nauka i zhizn' 29 no. 9:78-79 S '62.

RUSSIA—HISTORY—PERIODICALS

A conference with our readers. Ist. SSSR 6 no. 4:225 Jl-Ag '62.

On the periodical "Voprosy istorii KPSS." Part. zhizn' no. 22:44-46 N '62.

Our readers discuss the work of our periodical. Ist. SSSR 6 no. 4:233-235 Jl-Ag '62.

RUSSIA—HISTORY—SOURCES

"Brief notes on Russian chronicles from the manuscript collections of Moscow libraries" by M. N. Tikhomirov. Reviewed by V. B. Kobrin. Vop. ist. no. 10:142-144 O '62.

Discussing the problem of sources for the history of the Soviet regime. L. B. IAstrebov. Ist. SSSR 6 no. 4:230-232 Jl-Ag '62.

Laonikos Chalkondylēs' notes about Russia. G. Ditten. Viz. vrem. 21 51-94 '62.

A review of new books. M. L. Ikin, I. A. Rubin, A. I. Parusov. Ist. arkh. 6 no. 4:214-217 Jl-Ag '62.

Russian progressive officers' and soldiers' sympathy for the Hungarian Revolution of 1848-1849. Submitted by V. G. Verzhbitskii. Ist. arkh. 6 no. 4:121-133 Jl-Ag '62.

Students of the sources of Russian history have conferred at the Moscow Institute of History and Archival Work. A. V. Ist. arkh. 6 no. 4:218-219 Jl-Ag '62.

Tikhomirov, M. N. [Studying the sources of the history of the U. S. S. R.; a textbook] Istochnikovedenie istorii SSSR; uchebnoe posobie. Moskva, Sotsekgiz.
No. 1. [From the ancient times to the end of the 18th century] S drevneishego vremeni do kontsa XVIII veka. 1962. 404 p.

Timofeev, Ivan. [Chronicle of Ivan Timofeev] Vremennik Ivana Timofeeva Podgotovka k pechati, perevod i kommentarii O. A. Derzhavinoi. Pod red. V. P. Adrianovoi-Peretts. Moskva, Izd-vo Akad. nauk SSSR, 1951. 511 p. illus. facsims. (Akademiia nauk SSSR, Literaturnye pamiatniki)
(RPB)

RUSSIA—HISTORY—STUDY AND TEACHING

Levin, S. E. [Lessons for the elementary course in the history of the U. S. S. R. in the 7th grade, the 18th and 19th centuries] Uroki po elementarnomu kursu istorii SSSR v 7-m klasse, XVIII-XIX vv, kratkoe metodicheskoe posobie. Moskva, Uchpedgiz, 1962. 151 p.

RUSSIA—HISTORY, MILITARY—BIBLIOGRAPHY

Studies on the history of wars and military art. Voen.-ist. zhur. 4 no. 10:122-124 O '62.

RUSSIA—INDUSTRIES

Achievements of the seven-year plan, facts and figures. Agitator no. 22:38-40 N '62.

Moscow. Gosudarstvennyi ekonomicheskii institut. [Economics of socialist industry; textbook] Ekonomika sotsialisticheskoi promyshlennosti; uchebnik. Pod red. L. I. Itina, B. S. Gerashchenko. 2., dop. i perer. izd. Moskva, Gospolitizdat, 1961. 775 p.

Possel', M. A. [Issuing credit to enterprises on the basis of the turnover of material values] Kreditovanie predpriiatii po oborotu material'nykh tsennostei. Moskva, Gosfinizdat, 1958. 61 p.
(NNC)

Ways to develop the regions of central Russia. A. A. Mints, S. N. Riazantsev, B. S. Khorev. Vop geog. no. 57: 191-214 '62.

What the U. S. S. R. will show abroad. A. Morozov, A. Popov, P. Chervlakov. Vnesh. torg. 42 no. 10:36-39 '62.

RUSSIA—INDUSTRIES—DICTIONARIES

[Economic encyclopedia; industry and construction] Ekonomicheskaia entsiklopediia; promyshlennosti i stroitel'stvo. Chleny red. kollegii, A. V. Bachurin i dr. Nauchn. sovet izd-va: A. P. Aleksandrov i dr. Moskva, Gos. nauchn. izd-vo "Sovetskaia entsiklopediia;" (Entsiklopedii, slovari, spravochniki)
Vol. 1. A - M. 1962. 951 p.

RUSSIA—INVASION OF 1812

Akademiia nauk SSSR, Institut istorii. [The year 1812; the 150th anniversary of the Patriotic War] 1812 god; k stopiatidesiatiletiiu Otechestvennoi voiny. Sbornik statei. Moskva, Izd-vo Akad. nauk SSSR, 1962. 318 p.

Along the old Smolensk road. S. Golitsyn. Shkola-int. no. 5:7-13 S-O '62.

Along the old Smolensk road.... T. Sidorova. Ogonek 40 no. 42 9 O '62.

Austro-Russian relations on the eve of the Patriotic War of 1812 and during this war. Submitted by F. A. Fedorova, T. I. Mikhailovn. Ist. arkh. 6 no. 4:95-120 Jl-Ag '62.

Babkin, V. I. [Home Guard in the Patriotic War of 1812] Narodnoe opolchenie v Otechestvennoi voine 1812 goda. Moskva, Sotsekgiz, 1962. 211 p.

The Battle of Maloyaroslavets. A. Dmitriev. Voen.-ist. zhur. 4 no. 10:113-116 O '62.

The Battle of Tarutino. I. Istov. Voen.-ist. zhur. 4 no. 10:111-113 O '62.

Beskrovnyi, L. G. [The Patriotic War of 1812] Otechestvennaia voina 1812 goda. Moskva, Sotsekgiz, 1962. 610 p.

Borodino is our glory! N. Denisov. Shkola-int. no. 5: 6-11 S-O '62.

British comments on the Patriotic War of 1812. L. G. Gutkina. Nov. i noveish. ist. no. 5:84-91 '62.

Eighteen hundred and twelve. N. Kazakov. Nauka i zhizn' 29 no. 9:36-38 S '62.

Fire of love for their homeland. O. Nikitina, M. Golovnikova. Ogonek 40 no. 41:12-13 O '62.

Glorious anniversary. V. Cheremnykh. Voen.-ist. zhur. 4 no. 10:116-118 O '62.

Military organization of the Russian Army during the Patriotic War of 1812. A. Kochatkov. Voen.-ist. zhur. 4 no. 10:86-95 O '62.

Monuments of unforgettable years. L. Nikiforova, M. Malchenko. Nauka i zhizn' 29 no. 8:34-36 Je '62

The Patriotic War of 1812 and the movement of German patriots. A. G. Vlasikh. Nov. i noveish. ist. no. 5:72-83 '62.

Rout of the French at Berezina. Voen. znan 38 no. 10: 40 O '62.

The Russian people and the Patriotic War of 1812. S. B. Okun'. Ist. SSSR 6 no. 4:52-65 Jl-Ag '62.

Some problems in the history of the Patriotic War of 1812 [with summary in English, p. 218]. L. G. Beskrovnyi. Vop. ist. no. 10:50-60 O '62.

True sons of their motherland. Soldier on enemy's invasion. Decembrists in 1812. E. Voronin, T. Ivanova. Nauka i zhizn' 29 no. 9:38-45 S '62.

"War memoirs" by Denis Davydov. Reviewed by E. V. Tarle. Voen.-ist. zhur. 4 no. 10:105-107 O '62.

RUSSIA—INVASION OF 1812—MEDICAL AND SANITARY AFFAIRS

Medical faculty of Moscow University during the War of 1812. I. M. Geizer. Zdrav. Ros. Feder. 6 no. 9:31-33 S '62.

RUSSIA—INVASION OF 1812—MEDICAL CARE

Korneev, V.M., and L.V.Mikhaltova. [Medical service in the Patriotic War of 1812; on the sesquicentennial of the war] Meditsinskaia sluzhba v Otechestvennuiu voinu 1812 goda; k 150-letiiu voiny. Leningrad, Medgiz, 1962. 89 p.

RUSSIA—LIBRARIES

Problems in the study of the history of the book and library work in old Russia. N.N.Rozov. Trudy [Len.] publ bibl. 10,153-160 '62

RUSSIA—LITERATURES

Akademiia nauk SSSR. Institut mirovoi literatury. [Socialist realism in the literatures of the peoples of the U.S.S.R.] Sotsialisticheskii realizm v literaturakh narodov SSSR. Moskva, Izd-vo Akad. nauk SSSR, 1962. 364 p.

RUSSIA—MANUFACTURES

Calculating the increase of labor productivity in light industry. V.Ogol'tsova. Sots.trud 7 no.10 13-15 O '62.

RUSSIA—MILITARY POLICY

The 22d Congress of the CPSU and the defense of our socialist fatherland. N.Titov. Komm.Vooruzh.Sil 3 no.20:10-18 O '62.

We are always ready to repel aggressors. Komm. Vooruzh.Sil 3 no.21:2-3 N '62.

RUSSIA—MINORITIES

Fedenko, Panas. [Marxist and Bolshevik theories of nationality] Marksysts'ki i bol'shovyts'ki teorii natsional'nogo pytannia. Munich, Instytut dlia Vyvchennia SSSR, 1960. 76 p. (*laU*)

Mezhrespublikanskii seminar-soveshchanie posviashchennyi teme "Druzhba narodov i sotsialisticheskii internatsionalizm, velikaia sila v bor'be za postroenie kommunizma, Tashkent, 1961. [Interrepublic Seminar and Conference Dedicated to the Topic "Friendship of peoples and Socialist Internationalism, Great Force in the Struggle for the Development of Communism', materials] Druzhba narodov i sotsialisticheskii internatsionalizm, velikaia sila v bor'be za postroenie kommunizma, materialy. Tashkent, Ob"edinennoe izd-vo, 1961. 430 p. (*MH*)

TSamerian, I.P. [New era in the development of national relations in the U.S.S.R.] Novyi etap v razvitii natsional'nykh otnoshenii v SSSR. [Moskva] Mosk. rabochii, 1962. 67 p. (CSt-H)

RUSSIA—NAVY

Celebrated patron. G.Shatunov. Voen.znan. 38 no.10 2-3 O '62.

"The documents of M.P.Lazarev." Vol.3. Reviewed by F.Kriltsyn. Voen.-ist.zhur. 4 no.10:95-101 O '62.

On the battle watch. A.Bel'skii. Voen.znan. 38 no.10 4-5 O '62.

The revolutionary relay race is in reliable hands. G.Grabchenko. Mol.komm. no.10:108-111 O '62.

This is how it started.... S.IAkovlev. Smena 39 no.20,10 O '62.

RUSSIA—NAVY—MANEUVERS

In the "Victoria" square. O.Nordii. Ukraina no.18:18-19 S '62.

RUSSIA—POLITICS AND GOVERNMENT

Basic phases in the development of the Soviet socialist state and its Constitution. B.Manelis. Komm.Ur. 34 no.7:42-52 Jl '62.

Chronical of events, January 1 - February 28, 1962. Mat. i soob.Issl.otd Inst.po izuch.SSSR no.32/33:75-84 F-Mr '62.

Chronicle of recent events, April 1-May 31, 1962. Mat. i soob.Issl.otd.Inst.po izuch.SSSR no.35/36:89-101 My-Je '62.

Efforts of the Communist Party to improve Soviet governmental organization, 1939-1952. A.V.*Krasnov*. Trudy BKNII no.6:3-25 '61.

[Gazette of the Supreme Soviet of the R.S.F.S.R.] Ved. Verkh.Sov.RSFSR 6 nos.42-44 O-N '62.

[Gazette of the Supreme Soviet of the U.S.S.R.] Ved. Verkh.Sov.SSSR 25 nos.46-50 N-D '62.

Karnaukhov, I.M. [V.I.Lenin's development of Marxist doctrine concerning the proletarian state in the post-October period, 1918-1920] Rozvytok V.I.*Leninym* marksystskoho vchennia pro proletars'ku derzhavu v pisliazhovtnevyi period, 1918-1920 rr. [Kyiv] Vyd-vo Kyivs'koho univ., 1960. 107 p. (NNC)

Living pages of a great book. Ogonek 40 no.41:1-3 O '62.

Our supreme governmental authority. Zhil.-kom.khoz. 12 no.3:1 Mr '62.

[Principles of the Soviet state and law; a textbook for the historical and philological faculties of pedagogical institutes] Osnovy Sovetskogo gosudarstva i prava; uchebnik dlia istoriko-filologicheskikh fakul'tetov pedagogicheskikh institutov. Moskva, Uchpedgiz, Moskva, 1962. 422 p.

Progressive development of Soviet democracy. N.Ermolovich. Agitator no.22:18-20 N '62.

Russia (1917- R.S.F.S.R.) Verkhovnyi Sovet. [Meetings of the Fifth Supreme Soviet of the R.S.F.S.R. sixth session, July 24-25, 1962. Verbatim report] Zasedaniia Verkhovnogo Soveta RSFSR piatogo sozyva, shestaia sessiia (24-25 iiulia 1962 g. Stenograficheskii otchet. [Moskva] Izd. Verkhovnogo Soveta RSFSR, 1962. 220 p.

Smol'iakov, V.G. [Problems of the development of the Soviet state in the resolutions of the Ninth All-Russian Congress of Soviets] Voprosy gosudarstvennogo stroitel'stva v resheniiakh IX Vserossiiskogo s"ezda Sovetov. [Moskva] Izd-vo Mosk. univ., 1962. 84 p.

Vysochenko, A. [U.S.S.R. without a mask] SSSR bez maski. [2 vyd.] Winnipeg, Nakl. i druk. Novoho shliakhu, 1962. 196 p. (IU)

RUSSIA—POPULATION

[Geography of the population of the U.S.S.R.] Geografiia naselenia SSSR. Moskva, Geografiz, 1962. 227 p. (DDC)

RUSSIA—RELATIONS (GENERAL) WITH AFGHANISTAN

Cultural and economic penetration of the Soviet Union into Afghanistan. T.M.Davletshin. Mat.i soob.Issl.otd Inst.po izuch.SSSR no.35/36:9-35 My-Je '62

RUSSIA—RELATIONS (GENERAL) WITH AFRICA

U.S.S.R. and Africa. Sov.Soiuz no.11:44-46 '62.

RUSSIA—RELATIONS (GENERAL) WITH CHINA

Fraternal peoples. T.Skvortsov-Lokarin. Az i Ain.neg. no.10:7-8 O '62.

RUSSIA—RELATION (GENERAL) WITH FOREIGN COUNTRIES

Reception for radio and television commentators. Sov.rad.i tel. 6 no.5:31 '57.

RUSSIA—RELATIONS (GENERAL) WITH GHANA

In hospitable Ghana. L.Kutskov. Mor.flot 22 no.10 42-43 O '62.

RUSSIA—RELATIONS (GENERAL) WITH KAZAKHSTAN

"Economic and political contacts between Kazakhstan and Russia in the second half of the 18th and the early 19th century" by N.G.Apollova. Reviewed by S.Z.Zimanov. Vop.ist. no.10:135-136 O '62.

RUSSIA—RELATIONS (GENERAL) WITH MONGOLIA

Friendship between the Mongolian and Soviet peoples is strengthening. Sovr.Mong. 7 no.6:8 Je '62

RUSSIA—RELATIONS (GENERAL) WITH NORTH VIETNAM

In the land of friends (to be continued). IA.Sinonov. Pozh.delo 8 no.10:30-31 O '62

RUSSIA—RELATIONS (GENERAL) WITH POLAND

Smirnov, A.F. [Revolutionary contacts between the peoples of Russia and Poland; from the 30's to the 60's of the 19th century] Revoliutsionnye sviazi narodov Rossii i Pol'shi, *30-60 gody XIX veka*. Moskva, Izd-vo sotsial'no-ekon.lit-ry, 1962. 425 p. (CtY)

Work of the Department of the History of Russo-Polish relations of the Polish Academy of Sciences. W.Gostyńska. Vop.ist. no.10:202-203 O '62.

RUSSIA—RELATIONS (GENERAL) WITH THE UNITED STATES

Increasing solidarity of United States workers with the Soviet Union, 1930-1933. V.K.Fundaev. Uch.zap.kaf. ist.mezhdunar.rab.i nats.-osev.dvizh. no.1:111-120 '59.

RUSSIA—RELATIONS (GENERAL) WITH YUGOSLAVIA

Soviet-Yugoslav cooperation in radiobroadcasting and television. Sov.rad.i tel. 6 no.5:32 '57.

RUSSIA—RELIGION

The most important events in the life of churches and religious groups in the U.S.S.R. N.T. Mat.i soob. Issl.otd Inst.po izuch.SSSR no.35/36:82-86 My-Je '62.

RUSSIA—REVOLUTION OF 1905

(see also subdivision under *Estonia*)

Karelina, M.L. [The Bolshevik Party during the Revolution of 1905-1907] Partiia bol'shevikov v revoliutsii 1905-1907 godov. Moskva, 1959. 51 p. (Znanie v massakh) (*NNC*)

RUSSIA—REVOLUTION, 1917-1921

(see also subdivision under *Amur Valley; Archangel Province; Baltic States; Donets Basin; Kazakhstan, Khakass Autonomous Province; Kiev Government; Kiev Province; Penza Government; Siberia, Eastern; Soviet Far East, Turkmenistan; Ukraine; Ural Mountain region*)

Akademiia nauk SSSR. Institut istorii. [History of the Great October Socialist Revolution] Istoriia Velikoi Oktiabr'skoi sotsialisticheskoi *revoliutsii*. *Moskva*, Izd-vo Akad. nauk SSSR, 1962. 523 p.

Eternal spring of the October Revolution. Mezhdunar. zhizn' 9 no.11:3-6 N '62.

Forty-fifth anniversary of the Great October Revolution. Mor.flot 22 no.10:1-2 O '62.

The 15th anniversary of the Great October Revolution. Svetotekhnika 8 no.11:1-2 N '62.

History of the confiscation of manorial estates in the Ryazan Government, redistribution of peasant lands in the summer and autumn of 1918. [D.V.Tuma. Vsia...ap RGPI 28:109-131 '61

A holiday of the creators of the new life. Nauka i zhizn' 1 no.11,3-6 N '62.

Holovakha, I.P. [Socialist revolution and the dictatorship of the proletariat] Sotsialistychna revoliutsiia i dyktatura proletariatu. Kyiv, Akad. nauk URSR, 1957. 68 p. (NNC)

How was suppressed the Antonov uprising, 1921. K.P. Orlov. Ist.zap. 8 no.4:20-38 Jl-Ag '62.

Koltonakov, K.A. [Stormy days, literary notes by Mikhail Kuz'kin] Grozovye dni, literaturnaia zapis' Mikhaila Kuz'kina. Abakan, Khakasskoe knizhnoe izd-vo, 1961. 57 p. (MH)

Kurganov, G.S., and P.M.Kuranov. [*Secrets of the* Russian revolution and the future of Russia; secrets of world politics] Tainy russkoi revoliutsii i budushchee Rossii; tainy mirovoi politiki. VRES. [Inglewood, Calif., Health for All Book Co.] 1959. 276 p. illus. (MH)

Lenin, V.I. [Complete works] Polnoe sobranie sochinenii. Izd.5. Moskva, Gospolitizdat.
Vol.34. [July-October 1917] Iul'-oktiabr' 1917. 1962. 564 p.

The October Revolution and Africa. K.Brutents. Nov. vrem. 38 no.45:7-9 N '62.

Participation of the German war prisoners in the defense of the achievements of the Great October Socialist Revolution, November 1917-November 1918. I.M.Kirsanov. Uch.zap.kaf.ist.mezhdunar.rab.i nats.-osev. dvizh. no.1:130-141 '59.

Popov, K., ed. [Ivan Chaadaev in the Great War; materials for the history of the regiment edited by the historical committee of the regiment] Leib-Ivanty v Velikoi voine, materialy dlia istorii polka v obrabotke polkovoi istoricheskoi komissii. Paris, 1959. 243 p. illus. maps, facsims. (NB)

Some funny aspects of anti-communism. G.Gerasimov. Nov.vrem. 38 no.45:13 N '62.

Spirin, L.M. [Attack Kolchak!] Na Kolchaka! Moskva, Gospolitizdat, 1962. 77 p. (Stranitsy istorii Sovetskoi Rodiny)

There is a revolution in Russia! Pavlo Mekushchenko. Sov.profsoiuzy 18 no.20:6-9 O '62.

To children on the 40th anniversary of the Great October. Sov.rad.i tel. 6 no.4:4-5 '57.

With faith in the future. G.I.Poltnikov. Sov.voin. 44 no.20:8 O '62.

RUSSIA—REVOLUTION, 1917-1921—BIBLIOGRAPHY

"The Great October Socialist Revolution; bibliography of published source materials." Reviewed by I.A.Gherbovskii. Ist.SSSR 6 no.4:157-160 Jl-Ag '62.

RUSSIA—REVOLUTION, 1917-1921—LATVIAN PARTICIPATION

History of the "Lockot plot" in 1918. A.S.Pokrovskii. Ist.arkh. 8 no.4:231-237 Jl-Ag '62.

RUSSIA—REVOLUTION, 1917-1921—TURKISH PARTICIPATION

Mustafa Subchy's unknown document, 1919. P.I.IAkir. Ist.arkh. 8 no.4:222-224 Jl-Ag '62.

RUSSIA—SOCIAL CONDITIONS

[Elements of political science; a textbook] Osnovy politicheskikh znanii, uchebnoe posobie. [4., perer.i dop. izd.] Moskva, Gospolitizdat, 1962. 542 p.

Vysochenko, A. [U.S.S.R. without a mask] SSSR bez maski. [2 vyd.] Winnipeg, Nakl. i druk. Novoho shliakhu, 1962. 196 p. (IU)

RUSSIA—STATISTICS

[The National economy of the U.S.S.R. in 1961; statistical yearbook] Narodnoe khoziaistvo SSSR v 1961 godu, statisticheskii ezhegodnik. Moskva, Gosstatizdat, 1962. 960 p.

RUSSIA—UNDERGROUND LITERATURE

Dissemination of the publications of the Russian section of the First International in the Russian revolutionary underground [with summary in English, pp. 216-219]. B.S.Ronberg. Vop.ist. no.10:40-49 O '62.

Levitas, I.G., M.A.Moskalev, and E.M.Firgerit. [Revolutionary underground press in Russia from 1800 to 1917] Revoliutsionnye podpol'nye tipografii v Rossii, *1860-1917 gg.* Moskva, Gospolitizdat, 1962. 372 p.

RUSSIA, NORTHEASTERN—ARCHITECTURE

Voronin, N.N. [Architecture of Northeastern Russia *from the twelfth* to the fifteenth centuries in two volumes] Zodchestvo Severo-Vostochnoi Rusi XII-XV vekov v dvukh tomakh. Moskva, Izd-vo Akad. nauk SSSR.
Vol.2. [From the thirteenth to the fifteenth century] XIII-XV stoletiia. 1962. 557 p.

RUSSIA, NORTHERN—ARCHITECTURE, DOMESTIC

Makovetskii, I. V. [Architecture of the traditional Russian dwelling; the North and the upper Volga Valley] Arkhitektura russkogo narodnogo zhilishcha, Sever i Verkhnee Povolzh'e. Moskva, Izd-vo Akad. nauk SSSR. 1962. 336 p.

RUSSIA, NORTHERN—RUSSIAN LANGUAGE—DIALECTS

Leningrad. Universitet. [Words in the dialects of northern Russia] Slovo v narodnykh govorakh russkogo Severa. [Leningrad] 1962. 135 p.

RUSSIA, NORTHWESTERN—LUMBERING—LABOR PRODUCTIVITY

Some ways of improving public labor productivity in the eastern regions of northwestern Russia [with summary in English] L. G. Chertov. Vest. LGU 17 no. 18:63-75 '62

RUSSIA, NORTHWESTERN—TILLAGE

Tillage characteristics for spring crops. V. A. Chernyshev. Zemledelie 24 no. 9 68-71 S '62.

RUSSIA, SOUTHERN—PHYLLOXERA

Superiority of grafted in comparison with ocion-rooted vineyards in areas infected with phylloxera. IA. B. Herman. Vinogr. i vinodel. no. 6 no. 6:16-21 S '62.

RUSSIA, SOUTHERN—SOILS—CARBON CONTENT

Relation of carbon to total nitrogen in basic soils of Ciscaucasia [with summary in English]. A. M. Durasov. Pochvovedenie no. 7:98-100 Jl '62

RUSSIA, SOUTHERN—SOILS—NITROGEN CONTENT

Relation of carbon to total nitrogen in basic soils of Ciscaucasia [with summary in English] A. M. Durasov. Pochvovedenie no. 7:98-100 Jl '62

RUSSIA, SOUTHERN—SOLONETZ SOILS

Valuable investigations in the current problems of soil science and shelterbelt afforestation. I. S. Matiul. Pochvovedenie no. 7:114-115 Jl '62

RUSSIAN DRAMA

Alzenshtadt, V. [Russian Soviet dramaturgy of the first years after the October Revolution, lecture for students on the course "History of theatrical art."] Russkaia sovetskaia dramaturgiia pervykh let Oktiabria, lektsiia dlia studentov po kursu "Istoriia teatral'nogo iskusstva. Khar'kov, M-vo kul'tury USSR, 1961. 35 p.
(MH)

Akimov, N. P. [On the theater] O teatre. Leningrad, Iskusstvo, 1962. 350 p.
(MH)

Sumarokov, A. A. [Without make-up, notes of an old actor] Bez grima, zapiski starogo aktera. Kyiv, Derzh. vyd-vo obrazotvorchoho mystetstva i muzychnoi lit-ry URSR, 1961. 292 p.
(MH)

RUSSIAN DRAMA—HISTORY AND CRITICISM

And your opinion? Guseln Mukhtarov and others. Teatr 23 no. 10:74-77 O '62.

In support of the one-act play. IA. Apushkin. Teatr 23 no. 10 165-166 O '62.

Initial position. M. Rogachevskii. Teatr 23 no. 10: 57-63 O '62.

Let's talk seriously. Iosif Kiselev. Teatr 23 no. 10: 37-45 O '62.

Time to seek and time to debate. L. Malkugin. Teatr 23 no. 10:46-56 O '62.

Undying traditions. A. Bogoslavskii, V. Diev. Teatr 23 no. 10:61-68 O '62.

RUSSIAN LANGUAGE—DIALECTS see subdivision under Chorkassy Province, Russia, Northern

RUSSIAN LANGUAGE—DICTION

Expert of the spoken word. I. I. Malenko. Teatr 23 no. 10:158 O '62.

Remarks on the language of radio broadcasts. V. Vsevolodov. Sov. rad. i tel. 6 no. 2, 30-32 '57.

RUSSIAN LANGUAGE—DICTIONARIES

Zhilinskii, A. A. [Trade dictionary for fishermen and trappers of the White Sea region] Promyslovyi slovar' rybakov i zveroboev Belogo moria. Petrozavodsk, Gos. izd-vo Karel'skoi ASSR, 1957. 63 p.
(NiD)

RUSSIAN LANGUAGE—DICTIONARIES—BURMESE

[Russian-Burmese pocket dictionary] Karmannyi russko-birmanskii slovar'. Sost. U Chin Vei i A. I. Borovikov. Okolo 7500 slov. Moskva, Gos. izd-vo inostr. i natsional'nykh slovarei, 1962. 756 p.

RUSSIAN LANGUAGE—DICTIONARIES—ENGLISH

Kramor, A. A. Russko-angliiskii matematicheskii slovar'. Russian-English mathematical dictionary. [Trenton, N. J., Author, 1961] 123 p.
NN OCIW

RUSSIAN LANGUAGE—DICTIONARIES—ESTONIAN

Margus, M., A. Valmet, and K. Veermets, comps. [Russian-Estonian silvicultural dictionary] Metsanduslik vene-eesti sonastik. Tallinn, Eesti Riiklik Kirjastus, 1962. 76 p.

RUSSIAN LANGUAGE—DICTIONARIES—KAZAKH

Abetov, G. T. [Concise Russian-Kazakh dictionary of literary terms] Kratkii russko-kazakhskii slovar' literaturovedcheskikh terminov. Pod obshchei red. K. Dzhumaliева. Alma-Ata, Izd-vo Akad. nauk Kazakhskoi SSR, 1962. 139 p.

RUSSIAN LANGUAGE—DICTIONARIES—TURKMEN

Pokharova, M. S., and L. N. Stetsun. [Russian-Turkmen dictionary for students in grades 8-10 of the secondary school] Russko-turkmenskii slovar' dlia uchashchikhsia VIII-X klassov srednei shkoly. Ashkhabad, Turkmenskoe uchebno-pedagog. izd-vo, 1960. 137 p.

RUSSIAN LANGUAGE—FOREIGN WORDS AND PHRASES

Our dictionary of foreign and winged words. Agitator no. 23 60 D '62.

RUSSIAN LANGUAGE—GRAMMAR, COMPARATIVE—TURKMEN

Nevzli, M. G. [Comparative grammar of the Russian and Turkmen languages] Nekotorye voprosy sopostavitel'noi grammatiki russkogo i turkmenskogo iazykov. Ashkhabad, Turkmenuchpedgiz, 1961. 227 p.

RUSSIAN LANGUAGE—MOOD

Tikhonov, A. N., linguist. [The conditional category in the modern Russian language] Kategoriia sostoianiia v sovremennom russkom iazyke. Samarkand, 1960. 41 p.
(CtY)

RUSSIAN LANGUAGE—MORPHOLOGY

Golanov, I. G. [Morphology of the present day Russian language] Morfologiia sovremennogo russkogo iazyka. Moskva, Vysshaia shkola, 1962. 261 p.

RUSSIAN LANGUAGE—OLD RUSSIAN

Akademiia nauk SSSR. Institut russkogo iazyka. [Historical grammar and lexicology of the Russian language; materials and studies] Istoricheskaia grammatika i leksikologiia russkogo iazyka, materialy i issledovaniia. Moskva, Izd-vo Akad. nauk SSSR, 1962. 210 p.

RUSSIAN LANGUAGE—ORTHOGRAPHY

What is the right spelling and what is the right pronunciation? V. A. Dobromyslov. Nauka i zhizn' 29 no. 9: 60-69 S '62.

RUSSIAN LANGUAGE—PRONUNCIATION

What is the right spelling and what is the right pronunciation? V. A. Dobromyslov. Nauka i zhizn' 29 no. 9: 68-69 S '62.

RUSSIAN LANGUAGE—PUNCTUATION

Firsov, G. P. [Acquainting pupils in grades 5 and 6 with punctuation] Oznakomlenie uchashchikhsia V-VI klassov s punktuatsiei. Moskva, Izd-vo Akad. pedagog. nauk RSFSR, 1959. 66 p. (Pedagogicheskaia biblioteka uchitelia)
(ICU)

RUSSIAN LANGUAGE—SPOKEN RUSSIAN

Bogatova, G., and others. [Practical Russian; (a textbook for English speaking people)]. Praktika russkoi razgovornoi rechi, (posobie dlia lits, govoriashchikh na angliiskom iazyke). Moskva, Izd-vo lit-ry na inostr. iazykakh, [1962] 173 p.

RUSSIAN LANGUAGE—STUDY AND TEACHING
(see also subdivision under Tajikistan, Uzbekistan)

Algazina, N. N., and others. [Teaching expositions in the fifth grade] Obuchaiushchie izlozheniia v V klasse. Moskva, Izd-vo Akad. pedagog. nauk RSFSR, 1962. 106 p.

Russia (1917- R. S. F. S. R.) Ministerstvo prosveshcheniia. [Programs for grades 5-8 of the evening (staggered) secondary general school, the Russian language and literature] Programmy V - VIII klassov vechernei (smennoi) srednei obshcheobrazovatel'noi shkoly; russkii iazyk i literatura. Moskva, Uchpedgiz, 1962. 55 p.

RUSSIAN LANGUAGE—STYLE

From studies on the language and style of T. H. Shevchenko's Russian tales. H. P. Izhakevych. Movoznavstvo 17:35-52 '62.

Leningrad. Universitet. [Literary style and vocabulary employed by M. Gor'kii] Slovoupotreblenie i stil' M. Gor'kogo. [Leningrad] 1962. 146 p.

RUSSIAN LANGUAGE—TEXTBOOKS FOR FOREIGNERS

Bogatova, G., and others. [Practical Russian; (a textbook for English speaking people)]. Praktika russkoi razgovornoi rechi; (posobie dlia lits, govoriashchikh na angliiskom iazyke). Moskva, Izd-vo lit-ry na inostr. iazykakh, [1962] 173 p.

RUSSIAN LANGUAGE—WORD FORMATION

Biography of words. L. V. Uspenskii. Nauka i zhizn' 29 no. 6:23-25 Je '62.

Why do we write and why do we pronounce it this way? V. A. Dobromyslov. Nauka i zhizn' 29 no. 6:109 Je '62.

RUSSIAN LANGUAGE—WORDS

Biography of words. L. V. Uspenskii. Nauka i zhizn' 29 no. 9:50-51 S '62.

RUSSIAN LITERATURE
(see also subdivision under Tula Province)

Pospelov, N. I., and P. Shablovskii. [Russian literature, textbook for the eight grade of secondary schools] Russkaia literatura, uchebnik dlia VII klassa srednei shkoly. Pod obshchei red. N. L. Brodskogo. Izd. 12 Moskva, Gos. uchebno-pedagog. izd-vo, 1952. 391 p.
(CaOTU)

RUSSIAN LITERATURE—ADDRESSES, ESSAYS, LECTURES

Dymshits, A. L. [On a great march; collection of articles] V velikom pokhode; sbornik statei. Moskva, Sovetskii pisatel', 1962. 412 p.
(CU)

RUSSIAN LITERATURE—BIBLIOGRAPHY see Bibliography—Russian literature

RUSSIAN LITERATURE—HISTORY AND CRITICISM

Kardin, V. [Truth of the times; literary criticism] Vernost' vremeni, literaturno-kriticheskie stat'i. Moskva, Sovetskii pisatel', 1962. 301 p.

"Shevchenko and Russian literature of the 19th century" by I. IA. Pilima. Reviewed by M. M. Pavliuk. Rad. lit. 6 no. 4, 146-149 Jl-Ag '62

Starikova, E. V. [Poetry of prose] Poeziia prozy; stat'i. Moskva, Sovetskii pisatel', 1962. 270 p.
(CU)

RUSSIAN LITERATURE—STUDY AND TEACHING
(see also subdivision under Uzbekistan)

Creative writing as a means of training students for practical work. F. V. S. Fan-Iling. Dokl. APN no. 3: 49-53 '62.

Lipaev, A. A. [Studying the theory of Russian literature in the upper grades of national minority schools] Izuchenie teorii russkoi literatury v starshikh klassakh natsional'noi shkoly. Moskva, Izd-vo APN RSFSR, 1962. 125 p. (Pedagogicheskaia biblioteka uchitelia)

Petrova, G. A. [Inculcating aesthetic tastes in students of secondary school literature lessons] O vospitanii khudozhestvennogo vkusa uchashchikhsia na urokakh literatury v srednei shkole. [Kazan'] Izd-vo Kazanskogo univ., 1959. 74 p.
(MH)

Russia (1917- R. S. F. S. R.) Ministerstvo prosveshcheniia. [Programs for grades 5-8 of the evening (staggered) secondary general school, the Russian language and literature] Programmy V - VII klassov vechernei (smennoi) srednei obshcheobrazovatel'noi shkoly; russkii iazyk i literatura. Moskva, Uchpedgiz, 1962. 55 p.

Russia (1917- R. S. F. S. R.) Ministerstvo prosveshcheniia. [Secondary school programs for the 1962-1963 school year, literature, grades 9 and 10] Programmy srednei shkoly na 1962/63 uchebnyi god, literatura, IX-X klassy. Moskva, Uchpedgiz, 1962. 30 p.

RUSSIAN NEWSPAPERS
(see also subdivision under Virgin Territory)

["The Bell", published by A. I. Herzen and N. P. Ogarev (the Free Russian Press) in 1857, London - Geneva] Kolokol, gazeta A. I. Gertsena i N. P. Ogareva. (Vol'naia Russkaia Tipografiia), 1857-1867 London—Zhenova. Faksimil'noe izdanie. Moskva, Izd-vo Akad. nauk SSSR
No. 4. 1861 London. 1962. 980 p.

A conference devoted to the 50th anniversary of "Pravda" IU. I. Kir'ianov. Ist. SSSR 6 no. 4, 218-221 Jl-Ag '62.

Development of the Soviet press, motion pictures, and radiobroadcasting. Blok. agit. [bol.] no. 25-27-29 S '59.

Duz', I. M. ["Pravda" and literary style] "Pravda" i khudozhnie slovo. Kyiv, 1962. 41 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR. Serija VIII, no. 4)

A glorious 50th anniversary. Nauka i rel. no. 5:15-17 My '62.

"Pravda" on guard for the health of the workers. Zdrav. Bel. 8 no. 5:3-8 My '62

Sarkisov, A. A. [Lenin's "Iskra" and the Bolshevik press of Transcaucasia] Leninskaia "Iskra" i bol'shevistskaia pechat' Zakavkaz'ia. Erevan, Aipetrat, 1961. 126 p.
(WU)

RUSSIAN NEWSPAPERS—BIBLIOGRAPHY see Bibliography—Russian newspapers

RUSSIAN NEWSPAPERS—INDEXES

[Chronicle of newspaper articles] Let. gazet. st. no. 10 '62.

RUSSIAN PERIODICALS

Let us continue the "Young Guard" traditions. B. Balashov. Raspr. pech. no. 10 23-24 O '62.

Painting, sculpture, and graphic arts on the pages of the periodical "Iunost'." I. Gorin. Iskusstvo 25 no. 8:72-74 '62

RUSSIAN PERIODICALS—INDEXES

[Chronicle of periodical articles] Let. zhur. st. nos. 42-45 '62.

RUSSIAN PLATFORM—GEOLOGY
Some geological results of regional geophysical studies carried out in Central Asia and the Russian Platform. I.E.Shirlaev, P.A.Blokhin. Sov. geol. 5 no.10:88-9[illegible] O '62

RUSSIAN PLATFORM—GEOLOGY, STRUCTURAL
The main Devonian trench of the East European Platform. S.S.Ellern, R.N.Valeev. Dokl.AN SSSR 146 no.5 1168-1171 O '62.

RUSSIAN PLATFORM—ROCKS, IGNEOUS
New data on volcanic processes in central areas of the Russian Platform. V.S Il'ina. Biul.MOIP.Otd.geol. 37 no.3 126-127 My-Je '62

RUSSIAN PLATFORM—SEISMIC PROSPECTING
Some results of using the correlation refracted wave method in searching for dipping structures in the eastern Russian Platform. M.B Shneerson, S.S Pfimkina Prikl.geofiz no.33 73-84 '62

RUSSIAN POETRY—HISTORY AND CRITICISM
We are heirs of a great poetry. Evg Evtushenko Mol komm no 10 46-59 O '62

RUSSIAN POETRY—STUDY AND TEACHING
Influence of students' independent work on literary text in improving the quality of teaching literature in evening (staggered) schools Report No.1. Analysis of verse in the eighth grade N E.Sokolova. Dokl.APN no.3:55-58 '62.

RUSSIAN SATELLITES see Communist Countries

RUSSIAN SOCIAL DEMOCRATIC PARTY
(see also subdivision under Batum; Chita, White Russia)
Documentary materials concerning the revolutionary work of M.T. Flizarov in 1906 and 1912. A.F.Varlamova, L.A.Zhvakina. Ist.arkh. 8 no.4 220-222 Jl-Ag '62.
[History of the Communist Party of the Soviet Union] Istoriia Kommunisticheskoi partii Sovetskogo Soiuza. Izd.2., dop. Moskva, Gospolitizdat, 1962. 783 p.
Karelina, M.L. [The Bolshevik Party during the Revolution of 1905-1907] Partiia bol'shevikov v revoliutsii 1905-1907 godov Moskva, 1959 51 p. (Znanie v massakh)
(NNC)
The years of emigration, 1914-1917. T.F. Liudvinskaia. Ist.arkh. 8 no.4:144-162 Jl-Ag '62

RUSSIAN STUDIES see subdivision under Germany

RUSSIAN STUDIES—BIBLIOGRAPHY see Bibliography—Russian studies

RUSSO-FRENCH ALLIANCE see Franco-Russian Alliance

RUSSO-JAPANESE BORDER CONFLICTS, 1932-1941
At Lake Khasan. M. Kriuchkin. Sov.voin 44 no.20:6-7 O '62.

RUSTAVI—CIVIC IMPROVEMENT
Arkhipenko, V.K. [Rustavi is marching into the future] Rustavi shagaet v budushchee. Moskva, Izd-vo "Znanie," 1962. 31 p. (Novoe v zhizni, nauke, tekhnike. I Seriia Istoriia, no 20)

RUTHENIA see Transcarpathia

RUTHENIUM OXIDE
Determination of the vapor pressure of ruthenium tetroxide over its aqueous solution with the aid of radioactive indicators. R.L Mueller, A.B.Nikol'skii Radiokhimiia 4 no.3:364-370 '62.

RUTILE
Photocatalytic activity of anatase and rutile A.V. Pamfilov, R.IA Mushii, IA S Mazurkevich Ukr khim zhur 28 no 5 589-594 '62

RUTIN
Effect of rutin preparations on the excretion of phenol substances in the urine [with summary in English]. K.M.Tikotskaia, L.N.Popova. Biul.eksp.biol.i med. 53 no.6:36-39 Je '62.

RYAZAN—ARCHITECTURE
Touring the architectural monuments of our city. E.S Grechikhina. Uch.zap.RGPI 28:7-18 '61.

RYAZAN—ECONOMIC GEOGRAPHY
Dyorov, I.M. [Ryazan; economic and geographical study] Riazan', ekonomiko-geograficheskii ocherk. [Riazan'] Riazanskoe knizhnoe izd-vo, 1961. 173 p.

RYAZAN GOVERNMENT—LAND TENURE
History of the confiscation of manorial estates in the Ryazan Government; redistribution of peasant tracts in the summer and autumn of 1918. IU.V.Fulin, Uch. zap.RGPI 28:103-133 '61.

RYAZAN GOVERNMENT—SERFDOM
The centenary of the abolition of serfdom in Russia; based on the materials of the Ryazan Government. P.P. Kir'ianov, N.N.Telkova. Uch.zap.RGPI 28 93-107 '61.

RYAZAN PROVINCE—HISTORICAL RESEARCH
From the editor. Uch.zap.RGPI 28:3-5 '61.

RYAZAN PROVINCE—HISTORY
History of the Meshchera region in Ryazan Province and the ancient settlements in the Kurakha Valley V.T Vanfushechkin Uch.zap.RGPI 28 63-92 '61.

RYAZAN PROVINCE—RADIO IN AGRICULTURE
Dear Comrade Strel'tsova! Fedor Malov. Sov.rad.i tel. 6 no.4:21-22 '57.

RYAZAN PROVINCE—STATE FARMS—ACCOUNTING
Account for and use feeds economically. A.S.Shershukov Uchet i fin v kolkhoz i sovkhoz 19 no.9:9-11 S '62.

RYAZAN REGION—GAS, NATURAL—STORAGE
Results of prospecting and determining the basic parameters of a reservoir formation and the hermatic capacity of the cap rock by the gas stimulation method in the Ryazan structure S I Strazhgorodskii. Trudy SGPK no 3 80-102 '62.

RYBNOVSK DISTRICT—COMMUNIST PARTY OF THE SOVIET UNION
Follow-up of an unpublished letter to the editor. Part. zhizn' no. 21 76 N '62.

RYCHKOV, PETR IVANOVICH, 1712-1777
The first corresponding member of the Academy of Sciences; on the 250th anniversary of the birth of P.I Rychkov. E.S.Kuliabko, A.M.Cherenkov. Vest.AN SSSR 32 no.10:80-83 O '62.
A talented Russian naturalist; 250th anniversary of the birth of P.I.Rychkov. E.V.IAstrebov. Priroda 51 no.10 91-92 O '62.

RYE
Resistance of winter rye and wheat to standing water [with summary in English] I A.Stefanovskii. Fiziol rast. 9 no 5 589-594 '62.

RYL'SK REGION—STOCK AND STOCKBREEDING
We are trying to improve stockbreeding in every possible way. A.Gnusarev. Part.zhizn' no. 21:32-37 N '62.

RYL'SKYI, MAKSYM, 1895-
Bard of communist labor, Vasilii Borshchevskii. Sov. Ukr. no.8 163-173 S '62.

SABALENKA, RAMAN KARPAVICH, 1907-
"The start of my work, a tale" by Raman Sabalenka. Reviewed by IA Hertsovich Belarus' 19 no.10 28-29 O '62

SABIR, pseud. see Tali-Zade, Mirza-Alekber, 1862-1911

SABO REGION—GAS, NATURAL—GEOLOGY
Conditions of the formation of oil and gas pools of the Sabo field. V.V Stasenkov. Geol.i geofiz. no.8 121-128 '62.

SABO REGION—PETROLEUM GEOLOGY
Conditions of the formation of oil and gas pools of the *Sabo field* V V. Stasenkov. Geol.i geofiz. no 8:121-128 '62.

SAFANOVO REGION (SMOLENSK PROVINCE)—MINE TIMBERING
Supporting development workings in mines of Safanovo deposit under loose rock conditions. O.V. Timofeev, IU N Ogorodnikov. Izv vys uchеb zav., gor zhur. 5 no 8 45-52 '62.

SAIGA
"Biology of saiga," by A.G. Bannikov and others. Reviewed by S.S. Turov. Priroda 51 no. 10:123-124 O '62.

SAILORS (NAVY)
Envoys of the Communist Youth League are the pride of the navy. A. Mel'chin Voen. znan 38 no. 10:6-7 O '62
His biography starts with heroism. A. Perekhodin, Smena 39 no. 20:13 O '62.

SAINTS—CONTROVERSIAL LITERATURE
Holbach, Paul Henry Thiry. [Gallery of saints (or a study of the way of thinking, conduct, rules and merits of those whom Christianity proposes as examples examples)] Galereia sviatykh (ili issledovanie obraza *myslei*, povedeniia, pravil i zaslug tekh lits, kotorykh khristianstvo predlagaet v kachestve obraztsov) Moskva, Gospolitizdat, 1962. 351 p.

SAKHALIN—AGRICULTURE—STUDY AND TEACHING
Secondary schools of Sakhalin *Province train cadres* for agriculture I.S. Smirnov. Shkola i proizv. 6 no 10. 27-29 O '62.

SAKHALIN—CORN (MAIZE)
Balutina, O.S., L.A. Petrenko, and IU.G. Storozhenko. [Let's bring corn to the fields of Sakhalin] Kukuruzu - na polia Sakhalina. IUzhno-Sakhalinsk, Izd. gazety "Sovetskii Sakhalin," 1955. 22 p. (Sakhalinskii filial Akademii nauk SSSR Nauchno-populiarnaia serila)
(ICMILC)

SAKHALIN—FERNS, FOSSIL
Salvinia genus of the Upper Dui series of the west coast of Sakhalin Island. L.I. Fotianova. Biul.MOIP.Otd. geol. 37 no.3:130 My-Je '62.

SAKHALIN—HERRING
Origin of the two concentration areas of the Sakhalin-Hokkaido herring fry V.A.Sokolov. Vop.ikht. 2 no.3 473-479 '62.

SAKHALIN PROVINCE see Sakhalin

SAKSAUL see subdivision under Soviet Central Asia

SALAIR RIDGE—AUTUMN
Salair taiga in fall. S.P.Churikhin. Priroda 51 no.10 128 O '62.

SALAIR RIDGE—PROSPECTING
Geomorphologic analysis in prospecting for mineral deposits in friable sediments of the Salair Ridge. A.M Maloletko. Izv.vys.uch.zav.; geol.i razv. 5 no.7 95-101 Jl '62.

SALAIR RIDGE REGION—RODENTIA
Special features of the changing population of marine rodents in developing the black taiga at the foothills of the Altai and Salair. V.N.Neronov. Vest.Mosk.un. Ser.5: Geog. 17 no.5:32-38 S-O '62.

SALEKHARD—EROSION
Phenomena of modern erosion in the region of Salekhard B.P. Kosov. Vest. Mosk.un. Ser. 5: Geog. 17 no.5 59-62 S-O '62.

SALES
Usmanov, O. [Present-day contracts of retail sale and purchase in state commerce] Dogovor roznichnoi kupli-prodazhi v gosudarstvennoi torgovle na sovremennom etape. Stalinabad, Tadzhikskii gos. univ. im. V.I Lenina, 1960. 53 p.

SALES TAX
Zhadanov, V.A. [Planning a turnover tax] Planirovanie naloga s oborota. Moskva, Gosfinizdat, 1962. 79 p. (V pomoshch' finansovomu rabotniku)

SALICYLIC ACID
Complex formation in the system niobium (V) - salicylate - organic base. A.K. Banko, A.N. Volkova. Zhur.neorg. khim. 7 no.10:2345-2351 O '62.
Functional state of the thyroid gland in experimental tuberculosis. N.R. Turupanova. K izuch.toll serv. sist.v pat., immun.i lech.tub. no.2:174-182 '61.

SALINE AND ALKALI SOILS
(see also subdivision under Azerbaijan; Fergana; Mynbulak region, Vietnam, North)
Study of means of sowing cotton in saline soils. T.V. Belinkova. Trudy Ped.mel.op.sta no 2 107-127 '61

SALINITY see subdivision under Atlantic Ocean

SALIVA
Experimental study of the toxicity of the saliva from black flies (family Simuliidae) on colts and lambs. G.F. Dem'ianchenko. Trudy NIVI 1:116-132 '60
Immunogenesis and nonspecific factors of natural resistance. Report No. 1. Effect of active immunization on the amount of lysozyme in animal saliva [with summary in English]. D.P. Plotnikova and others. Zhur.mikrobiol., epid.i immun. 33 no.8:113-117 Ag '62

SALMON
Vertical chamber for observing the development of eggs of salmonoid fishes. Zh.A.Cherniaev. Vop.ikht. 2 no.3 556-560 '62.

SALMONELLA
Case of isolation of S. Heidelberg from a frog's intestine L.A. Gitterman. Zhur.mikrobiol., epid.i immun 33 no.8:125-126 Ag '62.
Heat resistance of the pathogens of paratyphoid fever of calves contained in milk and some milk products. I.S. Zagalovskyi, V.I. Kramarenko. Vinnyk sil'hosp. nauky 5 no.9:120-121 S '62.
Immunological relationship of some Salmonella of the B group. B.A. Matvienko. Vest.sel'khoz.nauki [Kazakh.] 5 no.6:57-61 Jl '62.

SALMONELLA INFECTIONS see subdivision under Khabarovsk

SALMONELLA TYPHIMURIUM
Interrelationship of algae and micro-organisms. Report No. 2. Effect of developing cultures of the protococcal algae Chlorella vulgaris and Scenedesmus obliquus on the survival of the mouse typhoid bacillus Salmonella typhimurium. M.M. Tolitchenko, N.V. Davydova, V.D. Fedorov. Nauch. dokl. vys. shkoly: biol. nauki no.4:157-163 '62.

SALT
Disinfection of dishes and linen by means of electrolyzed sodium chloride solutions *(with summary in English)*. B.L. Shura-Bura, M.I. Vorobiev, V.I. Shlykov. Zhur. mikrobiol., epid.i immun. 33 no. 8:9-14 Ag '62
Thermal solubility diagram of the ternary system sodium chloride-sucrose-water. Report No. 1. S.A.Arbatov. Uch.zap.Biol.-pochv.fak.Kir.un. no.7:189-205 '58.

SALT DEPOSITS see subdivision under Soviet Central Asia

SALT DOMES
Structures of salt flow in the cores of salt domes. S.S. Korobov. Dokl.AN SSSR 146 no. 3:668-668 S '62.

SALT IN THE BODY
About salt. G. Gokhleitner. Nauka i zhizn' 29 no. 9:76 S '62.

SALT INDUSTRY
(see also subdivision under Along Bay region)
Vasserman, I.M. [Production of mineral salts] Proizvodstvo mineral'nykh solei. 2. izd., perer. i dop. Leningrad, Goskhimizdat, 1962. 436 p.

SALT MINES AND MINING see subdivision under Artemovsk, Soligorsk

SALTING-OUT
Conductometric control of the salting-out of chymotrypsinogen and trypsin. V. P. Komov, N. N. Chamin. Trudy Len. khim.-farm. inst. no. 13:28-32 '61.

SALTS
Conductance of melts of reciprocal pairs of salts. System K, Rb| Cl, Br, B. F. Markov, V. F. Pristazhnyi. Ukr. khim. zhur. 28 no. 3 418 '62
Determination of a relative stability of salts in multicomponent reciprocal systems. I. S. Dombrovskii, V. I. Posypaiko. Zhur. neorg. khim. 7 no. 10,2431-2437 O '62.
Reactions of an aqueous solution of polyacrolein with inorganic salts. M. M. Koton and others. Dokl. AN SSSR 146 no. 3:608-610 S '62

SALTYKOV, MIKHAIL EVGRAFOVICH, 1826-1889
Dornegin, I. K. [Sociopolitical opinions of M. E. Saltykov-Shchedrin] Obshchestvenno-politicheskie vzgliady M. E. Saltykova-Shchedrina. Gor'kii, Gor'kovskii gos. pedagog. in-t im. A. M. Gor'kogo, 1961. 144 p. (MIR)
Petrushkov, V. S., and A. A. Luchok. [Ideology and craftsmanship of M. E. Saltykov-Shchedrin and N. A. Nekrasov] Ideinost' i masterstvo, M. E. Saltykov-Shchedrin i N. A. Nekrasov. Stalinabad, Tadzhikskii gos. univ. im. V. I. Lenina, 1961. 190 p. (MIR)

SALVAGE
From experience in the reinforcement of damaged ships. B. Marchevskii. Mor. flot 22 no. 10:20 O '62.
From the practice of local arbitration agencies. Inform. sbor. TSNIIMF no. 71 Mor. pravo i prak. no. 15 54-56 '61.
From the practice of the Bureau of Dispatchers attached to the All-Union Chamber of Commerce. Inform. sbor. TSNIIMF no. 46 Mor. pravo i prak. no. 8:72-78 '60.
From the practice of the Maritime Arbitration Commission. Inform. sbor. TSNIIMF no. 71 Mor. pravo i prak. no. 15:58-64 '61.

SALVAGE (WASTE, ETC.)
(see also subdivision under Sverdlovsk)
Make better utilization of reclaimed wool. Mest. prom. i khud. promys. 3 no. 8,13 Ag '62.

SAMARIN, ALEKSANDR MIKHAILOVICH, 1902-
Aleksandr Mikhailovich Samarin; on his 60th birthday. Izv. AN SSSR. Otd. tekh. nauk. Met. i top. no. 5 6-8 S-O '62.

SAMARKAND—FLIES
Changes in the one day's dynamics of the specific composition of synanthropic flies within a season [with summary in English]. V. I. Sychevskaia. Ent. obozr. 41 no. 3,545-563 '62.

SAMARKAND—THEATER
Search goes on. A. Sadovnikova. Uzbekiston 21 no. 9: 11 S '62.

SAMUR RIVER—HYDRAULIC STRUCTURES
Race forming processes in the under water of the Samur Hydroelectric Development. N. K. Topchibashev. Trudy ENIN AN Azerb. SSR 15:166-170 '62.

SAN ANTONIO REGION—BATS
Bracken Cave; 20 million bats. A. Krshanovskii. Priroda 51 no. 10:103-105 O '62.

SAN MARINO—POLITICS AND GOVERNMENT
San Marino. Mezhdunar. zhizn' 9 no. 11:152-153 N '62.

SAND
Regularities in dressing argillaceous-arenaceous pulp in a hydro-cyclone. I. A. Kakovskii, V. I. Revnivtsev, V. V. Kliachin. Izv. vys. ucheb. zav.; gor. zhur. no. 10: 159-168 '61.

SAND AND GRAVEL INDUSTRY see subdivision under Czechoslovakia

SAND-LIME PRODUCTS
Economic efficiency of producing and using silicate-concrete elements in construction. IA. A. Rekitar and others. Stroi. mat. 8 no. 9:3-8 S '62.

SAND-LIME PRODUCTS—EXHIBITIONS
Large products made of concrete containing no cement. Stroi. mat. 8 no. 9:27-29 S '62.

SAND-LIME PRODUCTS—TESTING
Lightweight fine-grained silicate concrete. L. N. Popov, M. S. Shvartszaid. Stroi. mat. 8 no. 9:33-34 S '62.

SANDY SOILS
Ivanov, P. L. [Liquefaction of sandy soils] Razzhizhenie peschanykh gruntov. Moskva, Gosenergoizdat, 1962. 259 p.

SANGAR REGION—COAL MINES AND MINING—COLD WEATHER OPERATIONS
Nature of rock pressure manifestations during the working of a medium thick, inclined layer in a permafrost zone. V. S. Andreev. Nauch. trudy MGI no. 38,255-268 '61

SANITARY ENGINEERING—CONGRESSES
Conference of sanitary engineers. Mont. i spets. rab. v stroi. 24 no. 10 29-30 O '62.

SANITARY ENGINEERING—EQUIPMENT AND SUPPLIES
Bukreev, E. M., V. N. Denisov, and G. L. Karakhan [Foreign municipal sanitary engineering machinery] Zarubezhnye mashiny dlia sanitarnoi ochistki i uborki gorodov. Moskva, Izd-vo M-va kommun. khoz. RSFSR, 1961. 178 p.
Vas'kovskii, A. N. [Handbook on sanitary engineering equipment for the surface of mines] Spravochnik po sanitarno-tekhnicheskomu oborudovaniiu poverkhnosti shakht. Moskva, Gosgortekhizdat, 1962. 207 p.

SANSKRIT INSCRIPTIONS see Inscriptions, Sanskrit

SAPONINS
Triterpene saponins. Report No. 13. Aralozide A from Aralia schmidtii. G. B. Elliakov and others. Izv. AN SSSR. Otd. khim. nauk no. 9:1605-1608 S '62.

SARATOV—FLOUR MILLS—FIRES AND FIRE PREVENTION
Conquest of the dust. N. Ul'iev. Pozh. delo 8 no. 10: 8-9 O '62.

SARATOV—ORTHOPEDIC APPARATUS INDUSTRY
In pursuit of the plan fulfillment. A. Martynova. Sots. obesp. 23 no. 10:44-45 O '62.

SARATOV PROVINCE—ACCOUNTING
Cooperation of the Department of Accounting with the central accounting office of the regional economic council. Buking. uchet 19 no. 6-71-72 Je '62

SARATOV PROVINCE—AGRICULTURAL ADMINISTRATION
Close contacts with the masses are the most important factor in our work. IU. Vostrikov. Part. zhizn' no. 22: 47-50 N '62.

SARCOLYSINE
Treatment with sarcolysine of myelomic disease. G. I. Doroshenko, L. N. Pliasova. Vrach. delo no. 10:145-146 O '62

SARDINES
(see also subdivision under Atlantic Ocean)
Distribution and dynamics of plankton and the food of sardinella in the commercial areas off the western coast of Africa. N. S. Khromov. Trudy VNIRO 46 211-235 '62.

SATELLITES, ARTIFICIAL see Artificial satellites

SAUDI ARABIA—ARABIC LITERATURE
The literature of Saudi Arabia [with English summary in insert]. G. Sharbatov. Az. i Afr. sog. no. 10:46-47 O '62.

SAUERKRAUT
Kurbatov, A. P. [Mechanized fermentation of cabbage] Mekhanizatsiia kvasheniia kapusty. Moskva, Gostorgizdat, 1961. 44 p.

SAUSAGES
Causes for the softening of meat products. Kh. S. Goregliad, M. A. Stepanova. Trudy NIVI 1 291-295 '60

SAWFLIES see subdivision under Armenia; Transcarpathia

SAYAN MOUNTAINS—GEOLOGY, STRUCTURAL
Tectonics of the Western Sayan Mountains. L. M. Parfenov. Geol. i geofiz. no. 8:117-121 '62.

SAYAN MOUNTAINS—GLACIERS
Region of modern glaciation in the central part of Sayan Mountains. M. G. Grosval'd. Vest. Mosk. un. Ser. 5 Geog. 17 no. 5,62-63 S-O '62.

SAYAN MOUNTAINS—TRUCK DRIVERS
Hard kilometers. V. Smirnov. Vokrug sveta no. 8:18-22 S '62.

SCAFFOLDING
Portable self-hoisting metal scaffolding. S. Agilitskii. Zhil.-kom. khoz. 12 no. 3:15-16 Mr '62.

SCALE INSECTS see subdivision under Armenia; Yunnan Province

SCALE INSECTS—PARASITES see Parasites—Scale insects

SCALES (WEIGHING INSTRUMENTS)
Electric tensometer-type scales for weighing the components of a charge. A. A. Kukhar'. Izm. tekh. no. 10: 15 O '62.

SCANDINAVIA—FOREIGN RELATIONS
Traditions of neutrality in the foreign policy of Scandinavian states. A. S. Kan. Nov. i noveish. ist. no. 4: 63-79 '62.

SCANDIUM COMPOUNDS
Precipitation of scandium hydroxide and scandium oxalate. V. M. Shatskii and others. Zhur. neorg. khim. 7 no. 10,2294-2298 O '62

SCANDIUM COMPOUNDS—THERMAL PROPERTIES
Composition and thermal stability of scandium halides ammoniates. I. V. Tananaev, V. P. Orlovskii. Zhur. neorg. khim. 7 no. 10:2299-2303 O '62.

SCARABAEIDAE see subdivision under Azerbaijan; Chonghemin Valley; Soviet Central Asia

SCARLET FEVER
Vitamin C metabolism in scarlatina. V. I. Komar. Zdrav. Bel. 8 no. 5:17-18 My '62

SCENE PAINTING
"Decorative stage-director" on the road. IU. Nekhoroshev. Teatr 23 no. 10:93-101 O '62.
Wonder of colors. L. Bulgak. Teatr 23 no. 10:148-150 O '62.
Young artists. G. Zagianskaia. Teatr 23 no. 10:147 O '62.

SCHISOTHORAX see subdivision under Susamyr Valley

SCHISTS—MAPS
Geological mapping of crystalline schist areas. M. A. Zavalishin. Sov. geol. 5 no. 10:109-112 O '62.

SCHIZOPHRENIA
Atypical forms of the manic-depressive psychosis and their delimitation from schizophrenia. V. V. Kryzhanovskaia. Trudy Gos. nauch.-issl. inst. psikh. 27:55-59 '61.
Autoantigens in the blood of schizophrenics. L. A. Stukalova. Trudy Gos. nauch.-issl. inst. psikh. 27:135-137 '61.
Change in the permeability of the hemato-encephalic barrier and the phagocytosis of the leucocytes in schizophrenics under the influence of insulin therapy. T. E. Romel'. Trudy Gos. nauch.-issl. inst. psikh. 27.238 241 '61.
Characteristics of indistinctly expressed disorders of thinking in schizophrenia. IU. F. Polikov. Trudy Gos. nauch.-issl. inst. psikh. 27 87-96 '61.
Clinical aspects of the initial period in the paranoid form of schizophrenia. L. M. Elgazina. Trudy Gos. nauch.-issl. inst. psikh. 27 47-51 '61.
Clinical characteristics of and some endocrinological indices in schizophrenia developing during the climacteric. I. IA. Gurovich. Trudy Gos. nauch.-issl. inst. psikh. 27 76-82 '61.
Clinical psychopathological characteristics of schizophrenia with a psychic automatism syndrome. L. K. Khokhlov. Trudy Gos. nauch.-issl. inst. psikh. 27:14-21 '61.
Correlation of the changes in carbohydrate metabolism and the clinical picture during the neuroleptic treatment of schizophrenia and other mental diseases. V. I. Dolgii. Trudy Gos. nauch.-issl. inst. psikh. 27:220-231 '61.
Cytochemical changes in the leucocytes in the blood of schizophrenics. A. I. Kukoleva. Trudy Gos. nauch.-issl. inst. psikh. 27:248-254 '61.
Data from morphological and histochemical studies of the bone marrow and peripheral blood of schizophrenics. D. L. Burtianskii. Trudy Gos. nauch.-issl. inst. psikh. 27:162-168 '61.
Development and course of hallucinations in schizophrenics. G. M. Molchanov. Trudy Gos. nauch.-issl. inst. psikh. 27:7-13 '61.
Directed changes in the temperature reactivity of schizophrenics. V. Kovshulis. Trudy Gos. nauch.-issl. inst. psikh. 27 120-126 '61.
Disorder of depth vision in schizophrenia. A. G. Kaziaeva. Trudy Gos. nauch.-issl. inst. psikh. 27.101-107 '61.
Dynamic change in the blood sugar content in schizophrenics during the combined action of insulin and adrenaline. G. P. Baklanov. Trudy Gos. nauch.-issl. inst. psikh. 27:112-119 '61.
Effect of aminazine therapy on the dynamics of some free amino acids in the blood serum in schizophrenia. A. F. Skugarevskii. Zdrav. Bel. 8 no. 8:30-35 My '62.
Effect of chronic alcoholism on the course of schizophrenia (the forms with an uninterrupted, fluctuating course of the disease). I. V. Pavlova. Trudy Gos. nauch.-issl. inst. psikh. 27:60-75 '61.
Functional disorder of the adrenal cortex in schizophrenia and related problems of therapy. A. U. Tibilova. Trudy Gos. nauch.-issl. inst. psikh. 27:83-88 '61.
Index of the stability of unconditioned defense reflexes (PSR) and its character in various forms of schizophrenia. I. Z. Gindis. Trudy Gos. nauch.-issl. inst. psikh. 27:108-111 '61.
Jealousy delirium syndrome in schizophrenia and some other mental diseases. A. F. Moskvicheva. Trudy Gos. nauch.-issl. inst. psikh. 27:22-26 '61.
Materials on the characteristics of the action of aminazine and serpasil on the vegetative nervous system of schizophrenics. R. F. Kokanbaeva. Trudy Gos. nauch.-issl. inst. psikh. 27:222-227 '61.
Mechanism of the functional disorder of the thyroid gland in schizophrenia. A. I. Belkin. Trudy Gos. nauch.-issl. inst. psikh. 27:64-68 '61.

SCHIZOPHRENIA (Continued)

Phagocytic refle in schizophrenia and its change under the influence of insulin therapy and caffeine M I. Vorob'ev. Trudy Gos nauch.-issl inst psikh. 27 242-247 '61.

Results of a study of the histidine and tyrosin in the urine, blood serum and leucocytes in schizophrenics I M Pipkin Trudy Gos. nauch -issl inst psikh. 27 156-161 '61.

Results of an electroencephaloscopic study of the paranoid form of schizophrenia using neurotonics and neuroleptics N. IA Belen'kaia. Trudy Gos. nauch. -issl inst psikh 27 208-211 '61.

Significance of "slipping" in schizophrenic thought and its pathophysiological basis K I Koshkareva. Trudy Gos. nauch. -issl. inst psikh 27 97-100 '61

Some characteristics of remissions during the treatment with neuroplegic substances of schizophrenics with a verbal hallucinosis syndrome. O. P. Vertogradova Trudy Gos nauch -issl inst psikh. 27 172-177 '61.

Some characteristics of the emotional disorders in schizophrenia V IA Ivanick. Trudy Gos. nauch. -issl. inst psikh 27 32-40 '61

Some laboratory studies of neurohumoral disorders in schizophrenia A I Serova Trudy Gos. nauch -issl inst psikh. 27 151-155 '61

Some pathophysiological shifts in higher nervous activity during the treatment with neuroplegic substances of schizophrenia. S. V. Dneprovskaia Trudy Gos. nauch -issl. inst. psikh 27 201-207 '61

Study of sulfocyanate in the blood serum of schizophrenics. A S Tiganov Trudy Gos nauch -issl inst psikh 27 147-150 '61

Study of the content of adrenergic substances in the blood as a characteristic of some functions of the vegetative nervous system in the catatonic form of schizophrenia. T. A Goncharova. Trudy Gos nauch. -issl. inst. psikh 27 127-134 '61.

Treatment using neuroplegic preparations of patients suffering from late schizophrenia. S. IA. Shvartsman. Trudy Gos. nauch. -issl. inst. psikh. 27 183-190 '61

Types of the course in the simple form of schizophrenia and medical work fitness expertise. B. M Pogosian. Trudy Gos nauch. -issl. inst. psikh. 27 41-46 '61.

Use of aminazine in combination with reserpine on schizophrenics with a protracted unfavorable course of the disease. G M. Kurapova. Trudy Gos. nauch. -issl. inst. psikh. 27 178-182 '61.

SCHIZOPHRENICS—CARE AND TREATMENT

Moscow. Gosudarstvennyi nauchno-issledovatel'skii institut psikhiatrii [Supporting therapy with neuroleptic agents of schizophrenics, methodological materials] Podderzhivaiushchaia terapiia neiroleptícheskimi sredstvami bol'nykh shizofreniei, metodicheskie materialy. Pod red. L. L. Rokhlina i I. G. Ravkina. Moskva, 1961. 64 p.
(DNLM)

SCHOOL EXCURSIONS

Along the old Smolensk road. S. Golitsyn. Shkola-int. no. 5:7-13 S-O '62.

Conducting an excursion to a rural hydroelectric power station. I. D. Kolesnikov. Fiz. v shkole 22 no. 4 81 Jl-Ag '62.

SCHOOL HYGIENE

(see also subdivision under Kiev)

Experience in therapeutic and prophylactic work in the school. V. A. Minkina, A. V. Zotova, G. N Krasnodymskaia. Pediatriia no 6:8-11 '62.

Work hygiene for students. V. G. Kryzhanovskii. Zdorov'e 8 no. 11:18-18 N '62.

SCHOOL PHYSICIANS

Urgent problems in the activity of the school physician.

SCIENCE—PERIODICALS

Fiftieth anniversary of "Priroda." M. I. Radovskii Nauka i zhizn' 29 no. 6:58-59 Je '62

SCIENCE—PHILOSOPHY

Dialectical logic and scientific investigation [with summary in English, p. 179]. P. V. Kopnin. Vop. filos. 16 no. 10 3-9 '62.

IUrova, I. L. [Dialectical materialism and individual sciences; lecture] Dialekticheskii materializm i chastnye nauki; lektsiia [Moskva] Izd-vo Mosk. univ., 1962. 32 p

Leningrad. Universitet [Philosophical problems in the present-day theory of motion in nature] Filosofskie voprosy sovremennogo ucheniia o dvizhenii v prirode [Leningrad] 1962. 198 p

Theory of levels and the dialectic of nature. J. P. Vigier. Vop. filos. 16 no. 10 94-104 '62.

University studies in the field of the philosophy of science. M. P. Vedenov. Vop. filos. 16 no. 10 148-119 '62.

SCIENCE—STUDY AND TEACHING see subdivision under Germany, East

SCIENCE AND CIVILIZATION

"Comrade time and comrade art" by V. Turbin. Reviewed by IU Davydov. Teatr 23 no. 10 126-132 O '62.

Science and technology in the world of the future N N. Semenov, John Bernal Vest vys shkoly 29 no 10 7-8 O '62

Science and the problem of freedom. Kenjuro Yanagida Nauka i zhizn' 29 no. 9:46-48 S '62

SCIENCE NEWS

Abroad. Nauka i zhizn' 29 no. 9:88-89 S '62.

Expeditions, discoveries, and brief news. Vokrug sveta no. 9:56-57 S '62.

A little about everything Znan. ta pratsia no 10 30 O '62

Multicolored world. Vokrug sveta no. 9:60-61 S '62.

News, events, facts. Priroda 51 no. 10, 109-117 O '62.

Reiterated conversation. P. Saval'neva. Sov. rad. i tel. 6 no. 4 23-25 '57.

SCIENTIFIC APPARATUS AND INSTRUMENTS

(see also subdivision under France)

Instruments as advisers of agriculturists. O. Andreev Nauka i zhizn' 29 no. 6:26-27 Je '62.

SCIENTIFIC EXPEDITIONS

Scientific routes of the seven-year plan. Vokrug sveta no. 9:31 S '62.

SCIENTIFIC RECREATIONS

Physics at a kitchen table Nauka i zhizn' 29 no. 9:100 S '62.

Training in logic. Nauka i zhizn' 29 no. 9:101 S '62.

SCIENTIFIC SOCIETIES

Seventh General Assembly of the World Federation of Scientific Workers. Vest. vys. shkoly 29 no 10 91-94 O '62.

SCIENTISTS see subdivision under Leningrad

SCISSORS AND SHEARS

Shearing machine for rags. I. Genich, I. Sergeeva. Mest. prom. i khud. promys. 3 no. 6, 36 Ag '62.

SCLERODERMA

Periarteritis nodosa and scleroderma in children. A. I. Titova, T. M. Golikova. Pediatriia no. 6:40-44 '62

SCORZONERA

Increased hygrophilous tendency in larvae of the scorzonera-adapted strain of the silkworm Bombyx mori
ir adaptability to feeding on scorzonera
L. G. V. Samokhvalova. Nauch. dokl. vys.
uki no. 4, 173-178 '62.

disposal gates on dredger scows.
I. G. Shmakov Sudostroenie 28
62

NDARDS

r hitched wheel scrapers. Biul. stroi.
23-24 S '62.

semi-trailer scrapers. Biul. stroi.
:17-18 O '62.

i)

work efficiency of drum screens
emptying asbestos concentrates A P.
hers. Izv. vys. ucheb. zav., gor. zhur.
'62.

a self-holder. N. Molodtsov. Shkola
10 86 O '62.

'IENT

re of the late period in English," Re-
Pavlov. Vest. drev. ist. no. 3:163-166

vision under Antarctic Ocean

SCALING (TECHNOLOGY)

Labutin, A. L., and N. S. Fedorova. [Hermetic sealing from rubbers] Germetiki na osnove kauchukov, ikh primenenie. Leningrad, 1962. 71 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Materialy Sinteticheskie materialy)

SEASHORE

"Fundamentals of the theory of the development of sea shores" by V. P. Zenkovich Reviewed by [illegible] Vest. AN SSSR 32 no 10:119-119 O '62

SEAWATER see subdivision under Caspian Sea

SECONDARY ELECTRON EMISSION

Secondary electron emission from GaAs, InSb, and [illegible] V. G. Bol'shov. Fiz. tver. tela 4 no. 1 [illegible] Ap '62.

SECTS

(see also subdivision under Latvia; Tomsk Province)

Facts reveal Nauka i zhizn' 4 no. 11:15 N '62.

Martinosov, G. A. [Religious sects; lectures on the course "Fundamentals of scientific atheism"] Religioznoe sektantstvo; lektsii po kursu "Osnovy nauchnogo ateizma." Minsk, Izd-vo Belgosuniversiteta, 1961. 60 p.
(CSt-H) (MH) (RPB)

SECURITY, INTERNATIONAL

Sobakin, V. K. [Collective security is a guarantee of peaceful coexistence] Kollektivnaia bezopasnost' garantiia mirnogo sosushchestvovaniia. Moskva, Izd-vo IMO, 1962. 517 p.

SEDGES see subdivision under Soviet Central Asia

SEDIMENTATION AND DEPOSITION

Study the sedimentation susceptibility of reservoir bas[illegible] L. Kondrat'ev. Rech. transp. 21 no. 10, 30-31 O '62.

SEDIMENTS (GEOLOGY) see subdivision under Pleval Bay, Razdan Valley

SEED POTATOES

Effect of early harvesting on the biochemical composition and seed quality of potato tubers A I Kustarev Agrobiologiia no. 3, 441-442 My-Je '62.

SEED PRODUCTION

(see also subdivision under Krasnodar Territory, Poland)

Agrobiological science and wheat seed production. V. G. Gulkanian. Izv. AN Arm. SSR. Biol. nauki 15 no 12 12 Jl '62.

Artem'ev, V. F. [Practices in basic improvement of meadows and the growing of meadow and pasture grass seeds] Opyt kompleksnogo uluchsheniia lugov i vyrashchivaniia semian lugopastbishchnykh trav. Moskva, Sel'khozizdat, 1961 16 p.
(DNAL)

Development of new vegetative shoots on the [illegible] nifalfa seed plant and measures for its control [illegible] Zykov. Vest. sel'khoz. nauki [Kazakh.] 5 no 9 11 21 S '62.

Effect of pinching back sugar beet seed plants on the yield and productivity of seeds. K. N. Khuchua. Vsesoiuz sel'khoz. nauky 5 no. 9:93-95 S '62.

Pruiskova, M. G., and R. M. Bliakherova. [Production of grain crop seeds] Semenovodstvo zernovykh kul'tur. Moskva, Izd-vo selkhoz. lit-ry, zhurnalov i plakatov, 1961. 310 p.
(DNAL)

Results of scientific research work on the most important problems of hemp seed production A P. Berezin Trudy Vses. nauch.-issl. inst. lub. kul't no 2:3-9 '59.

SEEDS

Some data on the supply of viable seeds in soils beneath the meadow and steppe vegetation [with summary in English]. I. V. Golubeva. Biul. MOIP. Otd biol. 67 no. 5:76-89 S-O '62.

SEEDS—DISINFECTION

Kalashnikov, K. IA. [Disinfection of farm crop seeds] Protravlivanie semian sel'skokhoziaistvennykh kul'tur Leningrad, Sel'khozizdat, 1961. 31 p.
(DNAL)

SEEDS—DRYING see subdivision under Germany, East

SEEDS—STORAGE

Answers to readers' queries on storing seeds. L. A. Trisviatskii. Zemledelie 24 no. 9:10-22 S '62.

Characteristics of the storage of pulse crop seeds. V. Makarov, A. Prokhorova Muk.-elev. prom. 29 no. 9:5-7 S '62.

SEEPAGE

Determination of the amount of seepage feeding into underground waters over large areas. V. A. Grigorovich Razvad. i okh. nedr 28 no. 6:42-46 My '62.

Measures for seepage prevention in irrigation systems. M. M. Kabakov. Izv. AN Kir. SSR. Ser. est. i tekh. nauk 4 no. 1:37-50 '62.

SEGREGATION IN EDUCATION see subdivision under Mississippi

SEIGNETTOELECTRIC SUBSTANCES see Ferroelectric substances

SEISMIC PROSPECTING
(see also subdivision under Karelia, Kazakhstan, Russian Platform, Surkhan-Darya Valley; Turkmenistan)

Change in the elasticity modulus of rocks with depth and their relation to geological factors. N.V.Shan'gin, O.K.Voronkov, I.Kh.IUdborovskii. Uch.zap.LGU 303 146-157 '62.

Construction of radiation patterns under the arbitrary law of the change in seismic velocity with depth. IU.I. Nekrasov. Uch.zap.LGU 303 292-300 '62.

Correlated seismic logging of prospecting holes. N.I. Berdennikova. Vop.din.teor.raspr.seism.voln. no.4:94-109 '62.

Relation between the speed of a linear wave and porosity and its use in ultrasonic seismic logging of boreholes. N.V.Shan'gin, V.IA.Shifrin. Uch.zap.LGU 303 158-165 '62.

Reliability of defining regular waves by the controlled directional method. S.A.Nakhamkin. Vop.din.teor. raspr.seism.voln no.4,143-158 '62.

SEISMIC PROSPECTING—ELECTRIC EQUIPMENT
Seventeen-channel controlled directional device using delay lines. A.E.Bilman and others. Vop.din.teor. raspr.seism.voln no.4:230-241 '62.

SEISMIC PROSPECTING—EQUIPMENT AND SUPPLIES
Polshkov, M.K. [Basic problems of seismic prospecting apparatus; steady processes and capacity to solve problems] Osnovnye voprosy seismorazvedochnoi apparatury; ustanavlivaiushchiesia protsessy, razreshaiushchaia sposobnost' Moskva, Gostoptekhizdat, 1962. 335 p.

SEISMIC WAVES
Solution of an inverse kinematic problem in the case of an inclined velocity gradient in the propagation of elastic waves. T.I.Vavilova. Vop.din.teor.raspr. seism.voln no.4:110-120 '62.

SEISMOLOGY
(see also subdivision under Apsheron Peninsula; Asia, Central, Kirghizistan; Soviet Central Asia, West Siberian Plain)

Estimation of the dynamic pressures on ground caused by seismic vibrations of a rigid structure. A.Z.Kats. Trudy Inst.fiz.Zem no.22 Vop.inzh.seism. no.7 105-111 '62.

Instructions on conducting seismic microzoning. S.V. Medvedev and others. Trudy Inst.fiz.Zem. no.22. Vop.inzh.seism no.7:112-122 '62.

Study of the seismic properties of soils for purposes of seismic microzoning. G.A.Lianzina. Trudy Inst. fiz.Zem. no.22. Vop.inzh.seism. no.7:66-75 '62.

Use of various scale maps of seismic zones to determine the rating. V.I.Bune Trudy Inst.fiz.Zem no.22. Vop.inzh.seism no.7 53-58 '62

SEISMOLOGY—ELECTRIC EQUIPMENT
Method of nonsteady calibration of piezoelectric converters for purposes of seismic modeling. E.M. Averko. Geol.i geofiz no.8,86-95 '62.

SEISMOLOGY—OBSERVATIONS
[Bulletin of the "Apatity" Seismic Station] Biul. seism.sta."Apatity" no.10 Ja-Jl '61.

SEISMOMETERS
Polarization of seismic units. E.M.Lin'kov, V.P.Tripol'nikov, S.B.Sabantsev. Uch.zap.LGU 303:135-137 '62.

SEISMOMETRY
(see also subdivision under Baikal Lake region, Uzbekistan)

Determining statistical properties of seismic signals. K.N.Volodina, IU.I.Limbakh, S.A.Nakhamkin. Vop. din.teor.raspr.seism.voln no.4:181-193 '62.

Distortion of hodographs of reflected waves in grouping. L.S.Chichinin. Vop.din.teor.raspr.seism.voln no.4,194-204 '62.

Experimental analysis of x representations of seismic signals. IU.I.Limbakh. Vop.din.teor.raspr.seism. voln no.4:150-180 '62.

Experimental studies of groups of receivers and sources based on the frequency theory of grouping. A.G.Rudakov, L.S.Chichinin. Vop.din.teor.raspr. seism.voln no.4:205-219 '62.

Means of recording seismic vibrations with signal storage. V.S.Voiutskii. Prikl.geofiz. no.33:46-59 '62.

Methodology of a frequency analysis and synthesis based on an approximative calculation of Fourier's integrals. S.A.Kats. Prikl.geofiz. no.33:85-96 '62.

Optimum characteristics of magnetic seismic recording. A.N.Fedorenko. Prikl.geofiz. no.33:3-24 '62.

Some data on phase distortions in grouping seismographs at large stations. A.K.Urupov. Prikl.geofiz. no.33: 25-44 '62.

Theory of optimum reception of seismic signals. Report no.1. F.M.Gol'tsman. Vop.din.teor.raspr. seism.voln no.4:121-132 '62.

Theory of optimum reception of seismic signals. Report no.2. F.M.Gol'tsman. Vop.din.teor.raspr. seism.voln no.4:133-142 '62.

Universal device for processing seismic records. O.N. Moiseev. Vop.din.teor.raspr.seism.voln no.4:212-248 '62.

Upheaval spectra during earthquakes rated 7 and 8 obtained on an electronic calculating machine S.V. Medvedev, M.G.Kolf Trudy Inst fiz Zem no 22. Vop.inzh seism no 7 88-94 '62

SEISMOMTERY—EQUIPMENT AND SUPPLIES
Magnetic tape for seismic recording. A.N Fedorenko. Prikl.geofiz. no 33:60-72 '62.

SELENGINSK—DECEMBRISTS
Some events in the life of the Decembrists Mikhail and Nikolai Bestuzhev in Selenginsk. S.F.Koval'. Trudy BKNII no.6 161-175 '61.

SELENIUM
Polarographic determination of selenium and tellurium G.M Zhiteneva, IU.V.Rumiantsev. Trudy Vost.Sib fil AN SSSR no 11 155-157 '62.

SELENIUM CRYSTALS—ELECTRIC PROPERTIES
Crystallization and variation in the electric resistance of a selenium film on an Al surface. K.P.Mamedov, Z.D.Nuriieva. Izv.AN Azerb.SSR.Ser.fiz.-mat.i tekh. nauk no.2,47-56 '62.

SELENNYAKH RANGE—PETROLOGY
Some petrographic problems of the Pre-Cambrian crystalline formation in the Selennyakh Range of northeastern Yakutia. I.IA.Nekrasov. Mat.po geol.i pol. iskop.IAk.ASSR no.2:85-105 '60.

SELF-CULTURE
Self-training. V.Pavlov. Samia i shkola 17 no.10:20-23 O '62.

SELLAITE
New data on sellaite. S.I Lebedeva, V.G Feklichev Zap Vses min ob-va 91 no.1 485-487 '62

SEMASHKO, NIKOLAI ALEKSANDROVICH, 1874-
N.A.Semashko on the Soviet physician and the education of students. A.M.Okulov. Sov.med. 26 no.8:155-159 Ag '62.

SEMEN
Effect of alkali nutrition on the metabolism and semen production in breeding rams. R.N.Odynets. Uch.zap. Biol.-pochv.fak.Kir.un. no.7:239-245 '58.

SEMEN—PRESERVATION
A milk diluent for bull semen at a temperature above 0° centigrade. O.P.Volosevych. Visnyk sil'hosp. nauky 5 no.9:118-119 S '62.

SEMENIKHIN, GENNADII ALEKSANDROVICH
"Clear skies over Moscow" by Gennadii Semenikhin. Reviewed by V.Sugonial. Sov.voin 44 no.20:25-26 O '62.

SEMICARBAZONES—SPECTRA
Characteristic analytical features in infrared absorption spectra and in the structure of semi- and thiosemicarbazones, as well as of their methylation products. R.R.Shagidullin and others. Izv.AN SSSR.Ser fiz. no.10 1301-1303 O '62

SEMICONDUCTOR DEVICES see Transistors

SEMICONDUCTORS
Electron mobility in heavily doped germanium with arsenic impurities. V.I.Fistul', M.I.Iglitsyn, E.M. Omel'ianovskii. Fiz.tver.tela 4 no.4:1065-1067 Ap '62.

Evaluation of the utility of the Pfann distribution in the zone purification process. B.A.Volchok. Fiz.tver. tela 4 no.4:1071-1073 Ap '62.

Investigation of the electroconductivity of the As_2Se_3-As_2Te_3 semiconductor system in the liquid state by the contactless method. V.P.Pozdnev. Fiz.tver.tela 4 no.4:946-948 Ap '62.

Low temperature light absorption by current carriers in some semiconductors. V.A.IAkovlev. Fiz.tver. tela 4 no.4:1046-1049 Ap '62.

Reflection of radiation from a moving plasma in a semiconductor with a current in a magnetic field. G.A.Askar'ian Zhur.eksp.i teor.fiz. 43 no.3: 1104-1105 '62.

Theory of edge absorption in semiconductors. E.I. Rashba, G.E.Gurgenishvili. Fiz.tver.tela 4 no.4: 1028-1031 Ap '62.

"What is a semiconductor" by Gleb Anfilov. Reviewed by V.Verkhovskii. Sov.rad.i tel. 6 no.4 32 '57.

SEMICONDUCTORS—CONGRESSES
Third Interuniversity Conference on Present Dielectrics and Semiconductors Technology V.V Pasynkov, L.K. Chirkin Izv.LETI 59 no.46,348-350 '62.

SEMICONDUCTORS—ELECTRIC PROPERTIES
Magnetoresistance and Hall effect in semiconductors with hot electrons and in a plasma. I.M.Dykman, E.I.Tolpygo. Fiz.tver.tela 4 no.4:896-903 Ap '62.

Relaxation processes in dielectrics and semiconductors. P.T.Oreshkin, S.B.Bykov. Izv.vys.uch.zav.; fiz. 3: 65-73 '62.

SEMIPALATINSK PROVINCE—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK
Taking the easy way out V.Fishchuk Part.zhizn' Kazakh no 6-55-58 Je '62

SEMIPALATINSK PROVINCE—HAY—HARVESTING
Investigating the performance of pickup balers in Semipalatinsk Province. P.G.Shul'meister. Vest. sel'khoz.nauki [Kazakh.] 5 no.8:84-89 Jl '62.

SENEGAL—COMMERCE—RUSSIA
Trade agreement between the U.S.S.R. and the Republic of Senegal. Vnesh.torg. 42 no.10:50-51 '62.

SENSES AND SENSATION
Comparative analysis of touch and vision. Report No.11. Does the hand teach the eye? V.P.Zinchenko, A.G. Ruzskaia. Dokl.APN no.3:87-90 '62.

SENTENCES (CRIMINAL PROCEDURE)
Decision No.12 of the plenary session of the Supreme Court of the U.S.S.R. of July 31, 1962 "Some shortcomings in the imposition of penalty by Soviet courts." Biul.Verkh.Suda no.5:19-21 '62.

Imposition of penalty upon the persons found guilty in the perpetration of several criminal offenses. I.Sapozhnikov. Sots.zakon. 32 no.8:31-35 Ag '62.

SEPARATORS (MACHINES)
Contribution to the theory of self-sorting of loose mixtures E.A.Nepomniashchii Izv.LETI 59 no.16, 217-227 '62.

Industrial testing of the preparation of coal pulp with hydrocyclones in a water medium. M.G.Akopov and others. Obog.i brik.ugl. no.24:3-10 '62.

Modification of the design of the Russel sand trap. N.F. Domashenko. Sakh.prom. 36 no.10:61-63 O '62.

Moscow. TSentral'nyi institut nauchno-tekhnicheskoi informatsii mashinostroeniia. [Liquid separators for the food industry; handbook-catalog] Separatory zhidkostnye dlia pishchevoi promyshlennosti; katalog-spravochnik. Moskva, 1962. 86 p.

Regularities in dressing argillaceous-arenaceous pulp in a hydrocyclone. I.A.Kokovskii, V.I.Revnivtsev, V.V.Klushin. Izv.vys.ucheb.zav., gor.zhur. no.10: 159-166 '61.

Separation of a gravel and sand mixture in hydraulically mechanized unloading. F.Lialin. Rech.transp. 21 no.10:15-18 O '62.

SEPARATORS (MACHINES)—TESTING
Comparison of various drum separators for wet separation of magnetic ores V.G.Derkach and others. Gor zhur. no.11:67-70 N '62.

SEQUENCES (MATHEMATICS)
On the closure of a system of functions on the semiaxis. A.F.Leont'ev. Izv.AN SSSR.Ser.mat. 26 no.5:781-792 S-O '62.

SERBIA—SOCIALIST PARTY
The Serbian Social Democratic Party during the First World War. Nov.i noveish.ist. no.5:111-124 '62.

SERGIEV, IOANN IL'ICH, 1829-1909
Sorglav, I.I. [From the diary of Father Ioann Kronshtadtskii] Iz dnevnika o.Ioanna Kronshtadtskogo. Paris, Za TSerkov', 1948. 34 p.
(MH)

SERIES
Expansion in eigenfunctions of a nonself-adjoint system of differential equations all along the axis. M.Gimadislamov. Dokl.AN SSSR 146 no.3:519-522 S '62.

More accurate evaluation of the remainder term in Hardy-Littlewood problems [with summary in English]. B.M.Bredikhin. Vest.LGU 17 no.19:133-137 '62

Summability of series over the principal vectors of non-self-adjoint operators. V.B.Lidskii. Trudy Mosk.mat.ob-va 11:3-35 '62.

SERIES, DIRICHLET'S
Tauberian theorems for Dirichlet series and integrals. M.A.Subkhankulov. Trudy AN Tadzh.SSR 100:25-36 '61.

SERIES, FOURIER see Fourier series

SEROTONIN
Effect of serotonin (5-hydroxytryptamine) and 5-hydroxytryptophan on the mortality of animals in experimental pneumococcal infection and typhoid intoxication [with summary in English]. Z.A.Poponenkova, T.N.Zavonialina. Biul.eksp.biol.i med. 53 no.6:48-51 Je '62.

SEROV, VALENTIN ALEKSANDROVICH, 1865-1911
Smirnova-Rakitina, V.A. Valentin Serov. Moskva, Molodaia gvardiia, 1961. 335 p. plates. (Zhizn' zamechatel'nykh liudei. Seriia biografii, no.16 [330])
(CtY)

SERPENTS see subdivision under Yunnan Province

SERPUKHOV DISTRICT—VEGETABLE GARDENING
Karpov, F.A., and A.V. Zharkov. [A vegetable "factory" of the Moscow region] Na podmoskovnoi fabrike ovoshchei. [Moskva] Mosk. rabochii, 1962. 125 p. (V oporno pokazatel'nykh khoziaistvakh)
(DNAL)

SERUM

Story of medicinal ampules. M Klu omchenko. Zdorov'e 8 no. 10 16-17 O '62.

Study of streptococcal bacteriophages; the properties of antiphage sera [with summary in English] A. A. Totolian. Zhur. mikrobiol., epid. i immun 33 no. 4:83-88 Ap '62.

SERUM DIAGNOSIS

Experimental data on the serological diagnosis of tuberculosis in chickens M. K IUskovets and others. Trudy NIVI 1 29-33 '60

Ring serum test for brucellosis in cows inoculated with strain No. 19 vaccine. G. A. Kolomakin and others. Vest. sel'khoz. nauki [Kazakh.] 5 no. 8:64-69 Jl '62.

Use of the serogram method in the psychiatric clinic. N V. Vasil'ev. Trudy Gos. nauch -issl. inst. psikh. 27: 169-171 '61.

SERUM THERAPY

"Handbook on the use of vaccines and sera" by M I Sokolov and P V. Pavlov. Reviewed by N A. Kosarikhina. Zhur. mikrobiol., epid. i immun 33 no. 4:142-143 Ap '62.

SERVICE INDUSTRIES see subdivision under Moldavia

SERVICE INDUSTRIES—COSTS see subdivision under Ukraine

SERVOMECHANISMS

Calculation of the compensating feedback of tracking systems using a frequency characteristics interval method A S. Pogodin Izv. LETI 59 no 46 134-148 '62.

Demonstrating the work of a tracking system. T. N. Metlaev, F. F. Demenskii. Fiz. v shkole 22 no. 4: 65-68 Jl-Ag '62.

Dynamics of a servo-system with airgap using nonlinear correction [with summary in English]. M. I Rabinovich. Izv. vys. ucheb. zav., radiofiz. 5 no. 5:998-1008 '62.

Indicator selsyns with noncophased feed G. I. Shturman, I. A. Babanov. Izv. vys. ucheb. zav. ,elektromekh 5 no. 6:811-821 '62.

Problem concerning the synthesis of impulse-type servo systems. IU. K. Pestov. Izv. LETI 57 no. 39-98-104 '59.

Pulse separating network for a servo system. N S. Anishin. Izv. vys. ucheb. zav. ;elektromekh. 5 no. 6:646-649 '62.

Selecting mechanism parameters for induction pickups. V. L Veits. Stan i instr 33 no. 10:28-32 O '62.

Study tracking transmissions in a course in electric engineering. P. I. Stavskii. Fiz. v shkole 22 no. 4 51-55 Jl-Ag '62.

SETTA-DABAN RANGE—GEOLOGY, STRATIGRAPHIC

New data on the Ordovician and Silurian stratigraphy of the Setta-Daban Range. V. A. IAn-Zhin-Shin. Mat. po geol. i pol. iskop IAk. ASSR no. 2:81-84 '60.

SEVAN LAKE REGION—CURRANTS

Wild currants in the Sevan basin and upper Razdan Valley [in Armenian with summary in Russian] A N Zorabian Izv Glav upr sel'khoz nauk i podgot. kad Arm SSR 5 no. 5 53-59 '62

SEVAN LAKE REGION—LESSER BLACK-BACKED GULL

Rare occurrence of the lesser black backed gull in the Sevan Lake basin. M. G. Dadikian. Izv. AN Arm. SSR. Biol. nauki 15 no. 7 95-96 '62.

SEVAN LAKE REGION—TREES, FOSSIL

Problems of the history of forest vegetation in the basin of Lake Sevan [with summary in English]. G. V. Delle. Bot. zhur. 47 no. 8:1087-1099 Ag '62.

SEVASTOPOL—SIEGE, 1942

Borisov, B. A. [Citizens of Sevastopol shall not surrender] Sevastopol'tsy ne sdaiutsia. [Izd. 2., perer. i dop.] Simferopol', Krymizdat, 1961, 188 p. (MH)

SEVERKA VALLEY (MOSCOW PROVINCE)—PHYTOGEOGRAPHY

Geobotanical and geographical observations in the Severka Basin (Moscow Province). V. S. Novikov, V. S. Govorukhin. Biul. MOIP. Otd. geol. 37 no. 3 137-138 My-Je '62.

SEWAGE—ANALYSIS

Scientific and technical conference on the methods for the analysis of industrial waste waters. D. N. Vaskevich. Zhur. VKHO 7 no. 5:571-572 '62.

SEWAGE—MICROBIOLOGY

Biological purification of waste waters. Khim. prom. [Ukr.] no. 1:94-95 Ja-Mr '62.

SEWAGE—PURIFICATION

Biological purification of waste waters. Khim. prom. [Ukr.] no. 1:94-95 Ja-Mr '62.

Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut vodosnabzheniia kanalizatsii, gidrotekhnicheskikh sooruzhenii i inzhenernoi gidrogeologii. [Biochemical purification of waste waters from chemical plants] Biokhimicheskaia ochistka stochnykh vod predpriiatii khimicheskoi promyshlennosti. Moskva, Gosstroiizdat, 1962. 230 p.

Thermal means of rendering industrial drainage harmless. E. Chechik. Nauka i zhizn' 29 no. 6:22 Je '62.

SEWAGE IRRIGATION

Orlov, V. P. [Irrigated farm fields] Zemledel'cheskie polia oroshenila. 3., perer. i dop. izd. Moskva, Sel'khozizdat, 1961. 141 p. (DNAL)

SEWER PIPE

Coal-tar isc as a material for coating cast-iron sewer pipes. V. M Pishchev, M. A. Danilov. Sbor trud. NIIST no 10:126-131 '62.

SEWING MACHINES

Expedient utilization of double-needle sewing machines V. F. Shan'gina. Izv. vys. ucheb. zav. ;tekh. leg. prom. no. 4:13-20 '62.

SHAFT SINKING

(see also subdivision under Netherlands)

Gorlov, P. I., and L. IU. Berman. [Vertical mine shaft lining] Armirovanie vertikal'nykh stvolov shakht. Izd. 2., dop. i perer. Moskva, Gosgortekhizdat, 1961. 226 p.

Improving the signalization systems in mine shafts. G I Pokrovskii Ugol' 37 no 10 33-37 O '62

New designs of buntons and conductors for the reinforcement of vertical shafts I B Dorzhinkevich. Ugol' Ukr. 6 no 10 18-20 O '62

SHAFTING

Measuring the stress acting on the shaft line thrust bearing during ship operations. L. Khak, V. IAtsenko. Mor. flot 22 no. 10:25-28 O '62.

"Transmissions with flexible wire shafts" by G. I. Kogan-Vol'man. Reviewed by A. A. Kuznetsov. Vest. mashinostr. 42 no. 10:87 O '62.

SHAFTING—WELDING

Vibration strength of welded hydraulic turbine shafts determined by modeling. A. V. Dabagian and others. Avtom. svar 15 no 11.37-43 N '62.

SHAKHTINSK—CONSTRUCTION INDUSTRY—PRODUCTION METHODS

Using the high-speed method. V. IArema, N. Kaplun. Nar. khoz. Kazakh. 20 no. 6:76-77 Je '62.

SHAKHTY—COAL MINES AND MINING

Mutual assistance of the miners. S. Babkin. Agitator no. 23:41 D '62.

SHALE

Power engineering factors in the operation of the main electromechanical equipment of a section in shale mines. V. G. Bauman, O. V. Ivanov, B. I. Komarov. Izv. vys. ucheb. zav., gor. zhur. no. 9.132-139 '61.

SHARGIN, ANATOLII TIKHONOVICH, 1902-1957

In memory of A. T. Shargin. Sov. rad. i tel. 6 no. 2: 32 '57.

SHCHEKLOVO REGION—GAS, NATURAL—STORAGE

Results of prospecting and opening up the Shchelkovo structure in connection with test injection of gas A M. Masterkov Trudy SGPK no 3-67-70 '62

SHEARS (MACHINE TOOLS)—ELECTRIC DRIVING

Afanas'ev, V. D. [Electric drives of automatically controlled flying shears] Elektroprivod avtomaticheskikh letuchikh nozhnits Moskva, Gosenergoizdat, 1962. 143 p. (Biblioteka po avtomatike, no. 59)

SHEEP

(see also subdivision under Dzhambul Province; Latvia; Taldy-Kurganskiy District)

Formation of hair in sheep during the postnatal period [with summary in English]. E. P. Panfilova. Biul. MOIP. Otd. biol. 67 no. 4:124-128 Jl-Ag '62.

SHEEP—DISEASES AND PESTS

(see also subdivision under Soviet Central Asia)

Preparation of a vaccine against pasteurellosis in sheep and a test of its immunogenic properties. I. V. Vasil'chenko Trudy NIVI 1.46-49 '60.

SHEEP—PARASITES see Parasites—Sheep

SHEEP—WATERING

(see also subdivision under Kazakhstan)

Local water in deserts and agricultural development. V. N. Kunin. Izv. AN SSSR. Ser. geog. no. 5:77-83 S-O '62.

SHEEP BREEDING

The problem of production of sheep pelts for garments has to be solved. A. N. Mashkov. Kozh. -obuv. prom. 4 no. 10:10-12 O '62.

SHEEP BREEDS

(see also subdivision under Lvov Province)

Quality of the pelts of young Romanov breed sheep. I. P. Kovnerev. Kozh. -obuv. prom. 4 no. 10:8-10 O '62.

SHEEP-DIP

Methods for preparing hexachloran-creolin emulsions for sheep-dips against scab. V. A. Chaldyk. Vest. sel'khoz. nauki [Kazakh.] 5 no. 8:62-64 Jl '62.

SHEET METAL—STANDARDS

[Sheets, strips, and bands of nonferrous metals and alloys] Listy, polosy i lenty iz tsvetnykh metallov i splavov. Izd. ofitsial'noe. Moskva, Gos. izd-vo standartov, 1961. 283 p. (SSSR, Gosudarstvennye standarty)

SHEET-METAL WORK

Isachenkov, E. I. [Sheet-metal work for the making of stainless steel parts] Shtampovka detalei iz nerzhaveiushchei stali Pod obshchel red. V. P. Romanovskogo. Moskva, Mashgiz, 1962. 63 p. (Biblioteka shtampovshchika, no. 9)

Shal'nev, V. G. [Progress in forging and sheet-metal working methods] Razvitie metodov obrabotki metallov davleniem. Moskva, Mashgiz, 1962. 618 p.

SHEET STEEL—WELDING

Universal stand for the welding of shells and sheets A. I IUkhtin, D G. Plotkin. Svar. proizv. no 10 36 O '62

SHELTERS, AIR RAID see Air raid shelters

SHENNIKOV, ALEKSANDR PETROVICH, 1883-1962

Aleksandr Petrovich Shennikov; an obituary. P. M. Iavrenko. Izv. AN SSR, Ser. biol. no. 5:802-803 S-O '62

SHEPTYTS'KYI, ANDRII, 1865-1944

Baran, Stepan. [Metropolitan Andrii Sheptyts'kyi; life and work] Mytropolyt Andrei Sheptyts'kyi; zhyttia i diial'nist'. Munich, Vernyhora, 1947 161 p. illus. (IU)

SHEVCHENKO, TARAS, 1814-1861

Akademiia nauk SSSR. Otdelenie literatury i iazyka. Taras Shevchenko. Moskva, Izd-vo Akad. nauk SSSR, 1962. 270 p.

"Description of T. H. Shevchenko's manuscripts." Reviewed by I. IA. Aizenshtok. Rad lit. 6 no 4:137-143 Jl-Ag '62.

Eleventh Conference on Shevchenko. M. P. Rad. lit. 6 no. 4:150-152 Jl-Ag '62.

From studies on the language and style of T. H. Shevchenko's Russian tales. H. P. Izhakevych. Movoznavstvo 17:35-52 '62.

From studies on the language of T. Shevchenko's poem "Martin." A. M. Matvilenko. Movoznavstvo 17:78-91 '62.

Havryliuk, Oleksandr. [Noblemen and their sons on the "Bard."] Pany i panychi nad "Kobzarem." L'viv, Knyzhkovo-zhurnal'ne vyd-vo, 1961. 86 p. (InU)

Ivan Franko's thoughts on the language employed by T. Shevchenko. Z. T. Franko. Movoznavstvo 17:92-100 '62.

Krasytskyi, Dmytro. [Taras' childhood; short stories on the childhood of T. G. Shevchenko] Detstvo Tarasa, korotkie rasskazy o detstve T. G. Shevchenko. Moskva, Gos. izd-vo detskoi lit-ry, 1961. 223 p. (Shkol'naia biblioteka) (NNC)

Language of T. H. Shevchenko's letters. P. D. Tymoshenko Movoznavstvo 17:68-77 '62.

Place of T. H. Shevchenko's spelling practices in the history of Ukrainian orthography. K. K. Tsilulko. Movoznavstvo 17:108-116 '62.

Shabliova'kyi, IE. S. [T. G. Shevchenko and the Russian revolutionary democrats, 1850-1861] T. G Shevchenko i russkie revoliutsionnye demokraty, 1858-1861. Moskva, Goslitizdat, 1962. 208 p. illus. (MH)

"Shevchenko and Russian literature of the 19th century" by F. IA. Prilma. Reviewed by M. M. Pavliuk. Rad lit 6 no. 4:146-149 Jl-Ag '62.

Shevchenko Year in the O. O. Potebnia Institute of Linguistics, Academy of Sciences of the Ukrainian S S R Z. T. Franko. Movoznavstvo 17:117-118 '62.

Some characteristics of the consonantism of T. H. Shevchenko's poetic language. M. A. Zhovtobriukh. Movoznavstvo 17:53-67 '62.

Some language characteristics of Shevchenko's rhyme. V. V. Kopilov. Movoznavstvo 17:101-107 '62.

T. H. Shevchenko, founder of the Ukrainian literary language. I. K. Bilodid. Movoznavstvo 17:13-28 '62.

T. H. Shevchenko in Yugoslav literature and criticism. M. I. Kravisov. Rad. lit. 6 no. 4:80-90 Jl-Ag '62.

"T. H. Shevchenko's atheism" by I. Romanchenko. Reviewed by Evgen Shabliova'kyi. Volov. ateist no 10: 61-62 O '62.

"Taras Shevchenko; a critico-biographic sketch" by N. F. Bel'chikov. Reviewed by M. M. Tkachenko, H. S Shabliova'kyi. Rad. lit. 6 no. 4:144-146 Jl-Ag '62.

Urgent tasks in the study of the language employed by Shevchenko. P. P. Pliushch. Movoznavstvo 17:29-34 '62.

Vyshneva'kyi, M. F. [T. G. Shevchenko; short biography] T. H. Shevchenko; korotka biografiia. Kyiv, Radians'ka shkola, 1961. 161 p. illus. (IU)

SHEVCHENKO, TARAS, 1814-1861—BIBLIOGRAPHY see Bibliography—Shevchenko, Taras, 1814-1861

SHIGELLA

Materials on the study of superinfections in dysentery in infants. Report No. 2: The relationships between the etiological structure of infant dysentery and the direction of the "change" in the pathogens within the patient's body [with summary in English]. V. N. Chernova. Zhur. mikrobiol., epid. i immun. 33 no. 4:96-100 Ap '62.

SHIGELLA (Continued)

Study of the combined action of antibiotics and oxygen on local strains of dysenteric bacilli. E.G. Livshina, O.V. Gorokhova. Trudy Khab.med.inst. no.20:27-32 '60.

Variability of dysenteric bacteria during the process of their adaptation to antibiotics. R.S. Shershevskaia. Trudy Khab.med.inst. no.20:33-37 '60.

SHILKA VALLEY—POACHING

Vultures. A. Sosunov. Vokrug sveta no.9:35-37 S '62.

SHINGLES (DISEASE) see Herpes zoster

SHIP HANDLING

Profile of ship handling specialists. V. Mosheva Mor. flot 22 no.10:37-38 O '62.

SHIP HANDLING—BIBLIOGRAPHY see Bibliography—Ship handling

SHIP PROPULSION

Calculating the power characteristics of ships on an air cushion. N.V. Korytov, M.IA. Khalfin. Sudostroenie 28 no.9:7-12 S '62.

Plotting certification diagrams for ships with controllable pitch propellers. G.D. Silukov. Sudostroenie 28 no.9:26-29 S '62.

Propulsion of gliding vessels. L.M. Krivonosov. Sudostroenie 28 no.9:32-39 S '62.

SHIP REGISTERS

Research by the R.S.F.S.R. River Register on problems of strength and stability of inland navigation ships. A.P. Strakhov. Sudostroenie 28 no.9:78-79 S '62.

SHIP TRAILS

Determining the circulation of small vessels. A. Rozentals. Mor.flot 22 no.10:20-22 O '62.

SHIPBUILDING

(see also subdivision under Belgium; Denmark, Great Britain, Japan, Leningrad; Sweden)

Determining the smallest ribband width in heated spaces. IU.F. Nesterov. Sudostroenie 28 no.9:24-25 S '62.

Full power at all speeds. V. Smirnov. Nauka i zhizn' 29 no.6:54-57 Je '62.

Heat treated carbon steel for shipbuilding. N.V. Shmidt and others. Sudostroenie 28 no.9:44-48 S '62.

SHIPBUILDING—BIBLIOGRAPHY see Bibliography—Shipbuilding

SHIPBUILDING—COSTS

"Methods of calculation in shipbuilding" by S.P. Loginov, M.P. Tolkachev. Reviewed by V.I. Ioffe. Sudostroenie 28 no.9:76-77 S '62.

SHIPBUILDING—RESEARCH

Adaptation of cetaceans to swift swimming and the possibility of making use of this adaptation for the purpose of shipbuilding [with summary in English]. A.G. Tomilin. Biul.MOIP.Otd.biol. 67 no.5:10-18 S-O '62.

SHIPBUILDING WORKERS

Tikhon Tret'iakov, man and ship. B. Pozdnin. Sov. Soiuz no.11:32-34 '62.

SHIPPING see subdivision under Sweden

SHIPPING—LABOR PRODUCTIVITY

Planning the increase of labor productivity in water transportation. S. Slutskii. Sots.trud 7 no.10:45-46 O '62.

SHIPS—AIR CONDITIONING

Simplified method of checking calculations for the selection of surface heat exchangers for air conditioning systems. V.G. Smirnov. Sudostroenie 28 no.9:17-20 S '62.

SHIPS—CARGO

Some characteristics of determining the weight of a load by the ship's draft. V. Egorov. Mor.flot 22 no.10:8-11 O '62.

SHIPS—MAINTENANCE AND REPAIR

Complete mechanization of the repair of ship hulls on slipways. I. Gurevich. Rech.transp. 21 no.10:26-29 O '62.

From experience in the reinforcement of damaged ships. B. Marchevskii. Mor.flot 22 no.10:29 O '62.

Greater attention to problems of ship repair. L. Akulich. Mor.flot 22 no.10:32-34 O '62.

Medium ship maintenance to be done by the crews. A. Troshin. Rech.transp. 21 no.10:31-32 O '62.

SHIPS—MODELS

Automatic cutoff switch for motors. L. Setrukov. Voen znan. 38 no.10:34 O '62.

SHIPS—NATIONALITY

Determination of the nationality of merchant vessels in the maritime law of capitalist countries. A.L. Kolodkin. Inform.sbor.TSNIIMF no.40 Mor.pravo i prak. no.8:10-27 '60.

SHIPS—PAINTING

Enamel painting of ships. S. Grigorian. Mor.flot 22 no.10:34 O '62.

SHIPS—WATER SUPPLY

Varnish paint coatings for drinking water tanks. I. Kliushenkov. Rech.transp. 21 no.10:49-50 O '62.

SHIPS—WELDING

Use of highly efficient electrodes. G. Mitrokhin. Mor.flot 22 no.10:35 O '62.

SHIPWRECKS

Aksiutin, L.R. [Accidents to seagoing ships from loss of stability] Avarii morskikh sudov ot poteri ostoichivosti. Moskva, Morskoi transport, 1962. 52 p.

SHMELEV, NIKOLAI ALEKSANDROVICH, 1922-

Shmelev, N.A. [In the beams of searchlights] V luchakh prozhektorov. Moskva, Voenizdat, 1962. 131 p.

SHOCK

Shock in obstetrical practice. I.L. Feigel'. Sov.med. 26 no.8:84-87 Ag '62.

Study of the mechanism of the pathogenic therapeutic action of streptomycin. Report No.2: The effect of streptomycin on posttransfusion shock. G.S. Kan, K.Iu.Ch., rolif nerv.-sist.v pat., immun.i lech.tub. no.2:315-318 '61.

SHOCK ABSORBERS

Designing shock-absorber springs. A.A. Konovalov. Vest.mashinostr. 42 no.10:48-49 O '62.

Using rubber shock absorbers in mounting machine tools. G.S. Kleiman, A.D. Smirnov. Stan.i instr. 33 no.10:38 O '62.

SHOCK WAVES

Experimental determination of the relaxation time in the dissociation of carbon dioxide in a shock tube. P.V. Bazhenova. Dokl.AN SSSR 146 no.3:554-556 S '62.

Propagation of elastic waves in stratified isotropic elastic media. T.IA. Barinova. Trudy AN Tadzh. SSR 106:107-143 '61.

Propagation of weak shock waves. G.M. Arutiunian. Izv.AN SSSR, Otd.tekh.nauk, Mekh.i mashinostr. no.5:170-172 S-O '62.

SHOE INDUSTRY

Everything in the name of mankind, everything for the good of mankind. Kozh.-obuv.prom. 4 no.10:1-4 O '62.

SHOE INDUSTRY—ACCOUNTING see subdivision under Moscow, White Russia

SHOE MANUFACTURE

Classification of the wastes in cutting and some problems of the utilization of materials for the manufacture of footwear. S.I. Kul'chitskii, A.A. Afanas'ev. Izv.vys.ucheb.zav., tekh.leg.prom. no.4:87-94 '62.

From pages of factory wall newspapers. Kozh.-obuv.prom. 4 no.10:35-36 O '62.

Protective antishock devices for special footwear. M.P. Kupriianov, E.A. Babneva. Kozh.-obuv.prom. 4 no.10:16-17 O '62.

Response to published materials. A. Kuznetsov. Kozh.-obuv.prom. 4 no.10:35 O '62.

SHOE MANUFACTURE—PRODUCTION STANDARDS

Calculation method of setting work norms in the cutting of soft leather. Report No.1: Classification of time expenditure and formulas for calculating time norms for cutting a complete set of parts. G.P. Ispirian, V.S. Chmelev, N.A. Grubyi. Izv.vys.ucheb.zav., tekh.leg.prom. no.4:21-24 '62.

Some problems in setting technical norms in the shoe and clothing production. L.L. Alekseeva, G.A. Skvira. Izv.vys.ucheb.zav., tekh.leg.prom. no.4:3-12 '62.

SHOE MANUFACTURE—QUALITY CONTROL

Objective control is the basis of the quality of production. D.G. Kostenko. Kozh.-obuv.prom. 4 no.10:12-13 O '62.

SHOE MANUFACTURE—TECHNOLOGICAL INNOVATIONS

In the Committee on Inventions and Discoveries of the Council of Ministers of the U.S.S.R. Kozh.-obuv.prom. 4 no.10:26-28 O '62.

SHOLOKHOV, MIKHAIL ALEKSANDROVICH, 1905-

Summer in Veshki. Anatolii Kalinin. Ogonek 40 no.42:17-21 O '62.

SHOOTING, MILITARY

Army thank you. V. Zheltov. Voen.znan. 38 no.10:30 O '62.

Sports and conditioning lesson. I. Rabinovich. Voen.znan. 38 no.10:28-29 O '62.

Young riflemen's club. I. Sokol'skii. Voen.znan. 38 no.10:31 O '62.

SHOOTING CONTESTS

Soiuz sportivnykh obshchestv i organizatsii SSSR. TSentral'nyi sovet. [Small-arms firing; rules of competition] Pulevaia strel'ba, pravila sorevnovanii. Moskva, Izd-vo "Fizkul'tura i sport," 1962. 101 p.

SHORELINES see subdivision under Gorkiy Reservoir

SHOSTAKOVICH, DMITRII DMITRIEVICH, 1906-

Orlov, G.A. [Symphonies of Shostakovich] Simfonii Shostakovicha. Leningrad, Muzgiz, 1961. 322 p.

SHOT PEENING—TESTING

X-ray diffraction study of shot peening. IU.G. Miasnikov. Trudy Sem.po kach.poverkh. no.5:256-259 '61.

SHOVKOPLIAS, IURII IURIOVYCH, 1903-

"Man lives two lives", a novel by IUrii Shovkoplias. Reviewed by Borys Sylin. Ukraina no.21:8 N '62.

SHREWS see subdivision under Rostov Province

SHRIMPS see subdivision under Kerch Strait

SHRUBS see subdivision under Pamirs

SHTEFKO, VLADIMIR GERMANOVICH, d. 1945

Importance of V.G. Shtefko's growth-related anatomical research to present studies on growing organisms. V.I. Puzik. Biul.MOIP.Otd.biol. 67 no.5:148-149 S-O '62.

In memory of V.G. Shtefko. V.V. Bunak. Biul.MOIP. Otd.biol. 67 no.5:147-148 S-O '62.

V.G. Shtefko as a scientist and teacher. O.P. Grigor'eva. Biul.MOIP.Otd.biol. 67 no.5:150 S-O '62.

V.G. Shtefko's works on the physical development of children and youths and their importance. P.N. Bashkirov. Biul.MOIP.Otd.biol. 67 no.5:149-150 S-O '62.

SHUBA, ALEKSEI IVANOVICH, 1912-

A.I. Shuba. Zdrav.Bel. 8 no.5:77 My '62.

SHULEIKO, NIKOLAI IVANOVICH

Fate of a diary. M. Kol'tsov. Voen.znan. 38 no.10:8 O '62.

SIBERIA—ANTIQUITIES

Erdniev, U.E. [Ancient site of Mayak, popular scientific study] Gorodishche Maiak; nauchno-populiarnyi ocherk. [Kemerovo] Kemerovskoe knizhnoe izd-vo, 1960. 66 p. illus.
(MIL)

SIBERIA—BRACHIOPODA, FOSSIL

Some Cambrian Brachiopoda of Siberia and Central Asia. O.N. Andreeva. Paleont.zhur. no.2:87-96 '62.

SIBERIA—CITIES AND TOWNS

Future development of the industrial centers and cities of central Siberia. L.N. Pertsik. Vop.geog. no.57: 250-274 '62.

SIBERIA—COAL GEOLOGY

Soveshchanie Sibirskoi tematicheskoi komissii po istorii uglenakopleniia. 1st, Novosibirsk, 1959. [Papers of the First Conference of the Siberian Special Commission on the History of Coal Accumulation] Materialy. Novosibirsk, Izd-vo Sibirskogo otd-niia AN SSSR. No.1. 1961. 115 p.
[MICROFILM]

SIBERIA—ECONOMIC ZONING

Future development of the industrial centers and cities of central Siberia. E.N. Pertsik. Vop.geog. no.57: 250-274 '62.

SIBERIA—GEOLOGY, STRATIGRAPHIC

Devonian sediments of Siberian principal sections and their correlation with those of Europe. M.A. Rzhonsnitskaia. Sov.geol. 5 no.10:16-27 O '62.

The South Siberian province of Paleogene and Neogene sedimentation. V.V. Lavrov. Dokl.AN SSSR 146 no.6:1389-1391 O '62.

SIBERIA—LABOR SUPPLY—STATISTICS

Akademiia nauk SSSR. Sibirskoe otdelenie. Institut ekonomiki i organizatsii promyshlennogo proizvodstva. [Problems of labor resources in Siberia] Voprosy trudovykh resursov v raionakh Sibiri. Pod obshchei red. G.A. Prudenskogo. Novosibirsk, Izd-vo Sibirskogo otd-niia AN SSSR, 1961. 168 p.

SIBERIA—MINERALS

Siberia reveals the mineral resources of its interior. Razved.i okh.nedr 28 no.5:1-3 My '62.

SIBERIA—SUGAR BEETS

Morozov, P.F. [Growing and using sugar beets as livestock feed; practices used in Siberia] Vyrashchivanie i ispol'zovanie sakharnoi svekly na korm skotu; opyt Sibiri. Moskva, Sel'khozizdat, 1961. 79 p.
(DNAL)

SIBERIA—TOPOGRAPHICAL SURVEYING—CONGRESSES

Results of the conference of Siberian topographers. D.N. Fialkov. Geol.i geofiz. no.6:133-134 '62.

SIBERIA—UNDERWATER DRILLING—EQUIPMENT AND SUPPLIES

Drilling in Siberian rivers. P.S. Dorofeev. Razved.i okh.nedr 28 no.6:49-51 Je '62.

SIBERIA, EASTERN—COAL

Characteristics of some Eastern Siberian coals. B.A. Onusaitis and others. Trudy IGI 17:121-128 '62.

SIBERIA, EASTERN—ECONOMIC GEOGRAPHY

Several characteristics of the future development of the territorial production complex of Eastern Siberia. I.V. Nikol'skii, A. T. Khrushchev. Vop geog. no. 57 236-249 '62

SIBERIA, EASTERN—ECONOMIC ZONING

Several characteristics of the future development of the territorial production complex of Eastern Siberia. I.V. Nikol'skii, A. T. Khrushchev. Vop geog. no. 57 236-249 '62.

SIBERIA, EASTERN—FOLKLORE

Eliasov, L. E. [Russian folklore of Eastern Siberia] Russkii folklor Vostochnoi Sibiri. Ulan-Ude, Akad. nauk SSSR. Sibirskoe otd-nie.
Vol. 2, 1960.
(RPB)

SIBERIA, EASTERN—FOREST ECOLOGY

Attempt to apply P^{32} to the study of the competition between roots and regrowth of trees in forests of the southern taiga. V. G. Karpov. Dokl. AN SSSR 146 no. 3 717-719 S '62.

SIBERIA, EASTERN—GAS, NATURAL—GEOLOGY

Eastern Siberia is a new oil- and gas-bearing province. G.V. Bagirian and others. Razved. i okh. nedr 28 no. 6:3-5 Je '62.

SIBERIA, EASTERN—GEOLOGY, STRUCTURAL

Structural diagram of the Northeast of the U. S. S. R. drawn along the foot of the Verkhoyansk complex. N.N. Zarudnyi. Dokl. AN SSSR 146 no. 6:1386-1388 O '62

Young tectonic movements and the relief of the East Siberian highland. N. A. Florenson. Trudy VSGI SO AN SSSR no. 3 6-16 '61.

SIBERIA, EASTERN—HEALTH RESORTS, WATERING PLACES, ETC.

Grushko, IA. M. [Health resorts of Eastern Siberia] Kurorty Vostochnoi Sibiri. [Irkutsk] Irkutskoe knizhnoe izd-vo, 1961. 121 p.
(MH)

SIBERIA, EASTERN—ORE DEPOSITS

Study of the genesis of ore shoots in Siberian and Far Eastern deposits. IU. G. Shcherbakov. Geol. i geofiz no. 8 129-131 '62

SIBERIA, EASTERN—PETROLEUM GEOLOGY

Eastern Siberia is a new oil- and gas-bearing province. G.V. Bagirian and others. Razved. i okh. nedr 28 no. 6:3-5 Je '62.

SIBERIA, EASTERN—REVOLUTION, 1917-1921—FOREIGN PARTICIPATION

Jaroslav Hasek's role in the struggle for the consolidation of Soviet rule in Eastern Siberia. V. S. Sanzhiev. Trudy BKNII no. 6 26-49 '61.

SIBERIA, EASTERN—ZIRCONATES

Calzirtite from the Gulinskaya intrusion of ultrabasic alkaline rocks in polar Siberia. A. G. Zhabin, Z. V. Pudovkina, A. V. Bykova. Dokl. AN SSSR 146 no. 6 1399-1400 O '62.

SIBERIA, WESTERN—ACACIA—DISEASES AND PESTS

Morphology and biology of the gall gnat Dasyneura sibirica Marik. (Diptera, Itonididae) injurious to the yellow acacia. V. M. Pospelova, A. V. Kovalenok. Nauch. dokl. vys. shkoly, biol. nauki no. 4 20-24 '62.

SIBERIA, WESTERN—CHERRY

Salamatov, M. N. [Sour cherry in Western Siberia] Vishnia v Zapadnoi Sibiri. Novosibirsk, Izd-vo Sibirskogo otd-nia Akad. nauk SSSR, 1959. 188 p.
(DNAL)

SIBERIA, WESTERN—FORAMINIFERA, FOSSIL

On the discovery of the Bashkirian Archaediscinae complex of foraminifers in the central part of the West Siberian Plain. O. I. Bogush, O. V. IUferev. Dokl. AN SSSR 148 no. 5:1150-1152 O '62.

SIBERIA, WESTERN—GALL GNATS

Morphology and biology of the gall gnat Dasyneura sibirica Marik. (Diptera, Itonididae) injurious to the hellow acacia. V. M. Pospelova, A. V. Kovalenok. Nauch. dokl. vys. shkoly: biol. nauki no. 4:20-24 '62.

SIBERIA, WESTERN—ORE DEPOSITS

Several problems of the formation and classification of alluvial placers. S. S. Konovalenko. Izv. AN SSSR. Ser. geog. no. 5:22-33 S-O '62.

SIBERIA, WESTERN—SUBMERGED LANDS

Ancient submerged valleys in the northern part of Western Siberia. G. I. Lazukov. Vest. Mosk. un. Ser 5 Geog. 17 no. 5:18-23 S-O '62.

SIBERIAN PLATFORM—KIMBERLITE

Mentailov, A. A. [Tuffs and kimberlites of the Siberian Platform and their origin] Tufy i kimberlity Sibirskoi platformy i ikh proiskhozhdenie. Moskva, Izd-vo Akad. nauk SSSR, 1962. 211 p. 12 plates. (Akademiia nauk SSSR. IAkutskii filial, Yakutsk. Trudy, no. 10)
[MICROFILM]

SIBERIAN PLATFORM—METASOMATISM

Metasomatic changes in the traps of the Bol'shoy Botuobii Valley. V. V. IUdina. Biul. MOIP, Otd. geol. 37 no. 3:124 My-Je '62.

SIBERIAN PLATFORM—NAUTILOIDEA, FOSSIL

Balashov, Z. G. [Ordovician Nautiloidea of the Siberian Platform] Nautiloidei ordovika Sibirskoi platformy. [Leningrad] Izd-vo Leningr. univ., 1962. 204 p.

SIBERIAN PLATFORM—PHOSPHORITE

Characteristics of the distribution of phosphorites in the Paleozoic of the Siberian Platform. L. D. Miroshnikov. Zap. Vses. min ob-va 91 no. 3 291-298 '62

SIBERIAN PLATFORM—ROCKS—MAGNETIC PROPERTIES

Results of studies of the magnetic properties of trap rocks from the southern Siberian Platform. V. V. Metalleva, I. G. Zolotov, F. S. Feinberg. Uch. zap. LGU 303 38-48 '62.

SIBERIAN PLATFORM—ROCKS, CRYSTALLINE AND METAMORPHIC

Composition and structure of the basement of the eastern Siberian Platform. B. G. Lutts, K. B. Mokshantsev, A. A. Nikolaevskii. Geol. i geofiz no. 8 41-50 '62

SIBERIAN PLATFORM—VOLCANIC ASH, TUFF, ETC.

Mentailov, A. A. [Tuffs and kimberlites of the Siberian Platform and their origin] Tufy i kimberlity Sibirskoi platformy i ikh proiskhozhdenie. Moskva, Izd-vo Akad. nauk SSSR. 1962. 211 p. 12 plates. (Akademiia nauk SSSR. IAkutskii filial, Yakutsk. Trudy, no. 10)
[MICROFILM]

SIDEROPLESITE see subdivision under Ukraine

SIGHT

Effect of the size of small divisions on the readability of the dials of pointer control and measurement instruments. A. A. Kriylov. Dokl. APN no. 3 95-97 '62.

SIKHOTE-ALIN RANGE—INSCRIPTIONS, HIEROGLYPHIC

Melent'ev, V. G. [Hieroglyphs of Sikhote-Alin] Ieroglify Sikhote-Alinia. [Ivanovo] Ivanovskoe knizhnoe izd-vo, 1961. 136 p.
(MH)

SILAKOV, A. S.

"The sky stays blue" by A. Silakov. Reviewed by L. Tersakopian. Mol. komm. no. 10 126-128 O '62.

SILANE

Alkenylfluorosilanes. V. F. Mironov. Izv. AN SSSR, Otd. khim. nauk no. 10 1884-1886 O '62.

Formation reactions of alkyl (aryl) chlorosilanes in the direct interaction of alkyl (aryl) chlorides with silicon. Report No. 12. Effect of hydrogen chloride on the formation of ethylchlorosilanes. K. A. Andrianov and others. Izv. AN SSSR. Otd. khim. nauk no. 10. 1788-1794 O '62

Mutual heterofunctional condensation of methyl (phenyl) acetoxysilanes with organosilicon compounds containing ethoxy group at the silicon atom. K. A. Andrianov, A. K. Dabagova, Zh. S. Syrtsova. Izv. AN SSSR. Otd. khim. nauk no. 9:1572-1577 S '62

Polycondensation reaction of α,ω-dihydroxydimethylsiloxane oligomers with phenylaminomethylmethyldiethoxysilane. K. A. Andrianov, M. N. Ermakova, Izv. AN SSSR. Otd. khim nauk no. 9:1577-1580 S '62.

Telomerization reaction of organocyclosiloxanes with dimethyldichlorosilane. K.A. Andrianov, V.V. Severnyi. Dokl. AN SSSR 146 no. 3:601-603 S '62.

SILANE—SPECTRA

Vibrational and rotational spectra of trimethylchlorosilane, triethylchlorosilane, and triethylchlorostannane. V. F. Volkov, N. N. Vyshinskii, N. K. Rudnevskii. Izv. AN SSSR. Ser. fiz. no. 10 1282-1285 O '62.

SILAZANES

Reactions of hexaalkyldisilazanes with aluminium and boron halides. K. A. Andrianov, V. V. Astakhin, D. A. Kochkin. Izv. AN SSSR, Otd. khim nauk no. 10 1852-1863 O '62

SILESIA—HISTORY

"Problem of the establishment of an independent Silesian state after the First World War" [in Polish] by G. Zlinski. Reviewed by TS. Lilafarov. Nov. i noveish. ist. no. 5:165-166 '62.

SILICA

Some biological properties of specifically formed silica gel. V. V. Pairtkeev, Z. S. Smirnova, G. I. Maksimova. Dokl. AN SSSR 146 no. 3:707-709 S '62.

SILICATES

Natural and synthetic silicate adsorbents. S. P. Zhdanov. Vest. AN SSSR 32 no. 10:80-84 O '62.

Nuclear magnetic resonance in some hydrosilicates and in calcium hydroxide. V. I. Kvlividze, L. N. Rashkovich. Dokl. AN SSSR 146 no. 6:1322-1326 O '62.

SILICIC ACID

Colorimetric determination of silicic acid in oxalate extractions by Tamm's method [with summary in English]. N. I. Beliaeva. Pochvovedenie no. 7:104-107 Jl '62.

SILICON—ANALYSIS

Fluorimetric determination of trace amounts of gallium in semiconductor silicon and high purity zinc. V. A. Nazarenko, S. IA. Vinkovetskaia, R. V. Ravitskaia. Ukr. khim. zhur. 28 no. 6:726-728 '62.

SILICON—ELECTRIC PROPERTIES

Viscosity and electrical conductivity of liquid silicon. V. M. Glazov. Izv. AN SSSR. Otd. tekh. nauk. Met. i t... no. 5:110-116 S-O '62.

SILICON CHLORIDE

Reduction of silicon and germanium chlorides and alkoxides by means of sodium and potassium aluminum hydrides. L. I. Zakharkin and others. Izv. AN SSSR. Otd. khim. nauk no. 10 1872-1874 O '62.

SILICON CRYSTALS

Influence of annealing on the spatial distribution of radiation defects in silicon. B. IA. Il'kov. Fiz. tver. tela 4 no. 4 851-854 Ap '62.

Natural frequencies of vibration in silicon and diamond. T. I. Kuchet. Fiz. tver. tela 4 no. 1:902-908 Ap '62.

SILICON ORGANIC COMPOUNDS

Mutual heterofunctional condensation of methyl (phenyl) acetoxysilanes with organosilicon compounds containing ethoxy group at the silicon atom. K. A. Andrianov, A. K. Dabagova, Zh. S. Syrtsova. Izv. AN SSSR. Otd. khim. nauk no. 9. 1572-1577 S '62.

Synthesis of organosilicon compounds having heteroatom carbon links. N. S. Nametkin and others. Neftekhimiia 2 no. 4 632-638 Jl-Ag '62.

Synthesis of organosilicon diacetylenic alcohols having conjugated triple bonds. N. V. Komarov, N. V. Nesterova. Izv. AN SSSR. Otd. khim. nauk no. 9. 1604 S '62

Synthesis of unsaturated phosphoroorganosilicon compounds of the siloxane series. K. A. Andrianov, A. K. Dabagova, I. K. Kuznetsova. Izv. AN SSSR. Otd. khim. nauk no. 9 1664-1666 S '62.

SILICON ORGANIC COMPOUNDS—SPECTRA

Some regularities in the vibration spectra of organosilicon compounds. V. F. Mironov, N. A. C... Dokl. AN SSSR 146 no. 5:1117-1120 O '62.

SILICON STEEL—THERMAL PROPERTIES

Kinetics of isothermal transformations of austenite in cast hypereutectoid silicon steel. K. P. Bunin, Zh. I. Zakorko. Izv. vys. uchab. zav. chern. met. 5 no. 9, 173-177 '62.

SILICOTUNGSTIC ACID

Structure of 12-silicotungstate and 12-phosphomolybdate anions in saturated aqueous solutions. A. A. Ibatullin, Zakhrapin, N. S. Gorbunov. Izv. AN SSSR. Otd. khim. nauk no. 10 1870-1871 O '62

SILK—STANDARDS

Reviewing the State Standard 5610-50 for raw silk. P. I. Gotsonok, L. Kh. Onipova. Standartizatsiia 26 no. 10, 36-39 O '62.

SILK MANUFACTURE AND TRADE see subdivision under Yunshang, China

SILKWORMS

(see also subdivision under Armenia)

Astaurov, B. L., and others. [Effect of high temperatures on silkworm eggs] Deistvie vysokikh temperatur na gronu shelkovichnogo chervia. Moskva, Izd-vo Akad. nauk SSSR, 1962. 124 p.
(DNAL)

Variation in the size and form of eggs in the mulberry silkworm (Bombyx mori Z). F. A. Turdakov. Uch. zap. Biol. -pochv. fak. Kir. un. no. 7:247-262 '59.

SILKWORMS—FEEDING AND FEEDS

Experiments with sharp periodical lowering of temperature in mulberry silkworm feeding. A. N. Bobrova. Uch. zap. Biol. -pochv. fak. Kir. un. no. 7:283-294 '57.

Increased hygrophilous tendency in larvae of the semizonera-adapted strain of the silkworm Bombyx mori L. and their adaptability to feeding on semizonera hispanica L. G. V. Samokhvalova. Nauch. dokl. vys. shkoly, biol. nauki no. 4:173-178 '62.

SILOXANES

Polycondensation reaction of α,ω-dihydroxydimethylsiloxane oligomers with phenylaminomethylmethyldiethoxysilane. K. A. Andrianov, M. N. Ermakova. Izv. AN SSSR, Otd. khim. nauk no. 9. 1577-1580 S '62

Polymethyl siloxane fluids. L. V. Sobolevskaia, T. A. Krasovskaia. Biul. tekh. -ekon. inform. Gos. nauch. -issl. inst. nauch. i tekh. inform. no. 10:30-32 '62.

Polyorganotitanosiloxanes in solutions. S. R. Rafikov and others. Izv. AN SSSR, Otd. khim. nauk no. 9. 1581-1584 S '62.

Some methods of synthesizing siloxane polymers having phenyl links in the chain. A. L. Klebanskii, L. F. Pertsova, S. B. Dolgoplosk. Zhur. VKHO 7 no. 5:594-599 '62.

Telomerization reaction of organocyclosiloxanes with dimethyldichlorosilane. K. A. Andrianov, V. V. Severnyi. Dokl. AN SSSR 146 no. 3:601-603 S '62.

SILT

Silting of a water reservoir. I. A. Shnaer. Izv. AN Uz. SSR, Ser. tekh. nauk 6 no. 5:62-71 '62.

SILVER

Studying the reactions of the interaction of flotation reagents with silver. M. B. Barbin. Izv. vys. uchab. zav.; gor. zhur. no. 9:173-178 '61.

SILVER COMPOUNDS
Volatility of selenic and telluric silver. Trudy Vost. Sib. fil. AN SSSR no. 11:121-127 '62.

SILVER HALIDES
Solubility of silver halides in liquid ammonia and in ammonia-water solutions. G.K.Distanov. Uch.zap. Biol.-pochv.fak.Kir.un. no.7:163-183 '58.

SILVER-PALLADIUM ALLOYS see Palladium-silver alloys

SINGERS see subdivision under Italy

SINGERS—DISEASES AND HYGIENE see subdivision under Khabarovsk

SINGERS, MONGOLIAN
Realizing a dream. N.Ichinkhorlo. Sovr. Mong. 7 no.6:15 Je '62.

SINTERING
Automatic control of sintering charge moisture. V.A. Buzygin and others. Stal' 22 no.10:880-882 O '62.

Effect of the gaseous phase composition on the kinetics of fluxed sinter reduction. P.N.Ostrik, S.T.Rostovtsev. Izv.vys.ucheb.zav.,chern.met. 5 no.9:17-25 '62.

SINTERING—EQUIPMENT AND SUPPLIES
"Equipment of sintering plants for ferrous metallurgy" by A.E.Seleznev. Reviewed by I.A.Shkitarevich. Stal' 22 no.10:889-890 O '62.

SIVASH—DIATOMS
New diatoms from the sea of Azov and Sivash. A.I. Proshkina-Lavrenko. Bot.mat.Otd.spor.rast. 15: 22-28 Ja '62.

SIZING (TEXTILE)
Investigating the sliding of the belt in a sizing machinery unit. A.I.Shchegolev. Nauch.-issl.trudy IvNITI 25:183-214 '61.

Use of homogenizers for size preparation. I.V.Bykova. Nauch.-issl.trudy IvNITI 25:95-112 '61.

SKIN
Capillaroscopical method for studying the skin cover of the human hand. M.I.Villamovskaia. Biul.MOIP. Otd.biol. 67 no.5:151-152 S-O '62.

SKIN—DISEASES
Diagnostic significance of the luminescence method in skin diseases. M.A.Shteinberg. Vrach.delo no.10: 138-139 O '62.

Eosinophilic reticulosis of the skin [with summary in English]. V.IA.Arutiunov, P.I.Golemba. Sov.med. 26 no.8:112-118 Ag '62.

Recommended treatment of the seborrhea. S.Gryngauz. Belarus' 19 no.10:27 O '62.

SKIN—TUBERCULOSIS
Effect of desensitization of the extremity on the blood system and the development of a focus of specific inflammation in the skin of dogs. E.L.Kan. K izuch. roli nerv.sist.v pat., immun.i lech.tub. no.2:212-218 '61.

Role of the nervous system in the development of a focus of primary tuberculous inflammation in the skin of guinea pigs. Report No.1. V.A.Strelets. K izuch. roli nerv.sist.v pat., immun.i lech.tub. no.2:199-211 '61.

SKIN DIVING see Diving, Submarine

SKIN EFFECT
Quantum theory of the normal skin effect in a magnetic field at low temperatures [with summary in English]. V.V.Andreev, A.M.Kosevich. Zhur.eksp.i teor.fiz. 43 no.3:1060-1067 '62.

SKIN GRAFTING
Biological film. A.F.Brodskii. Nauka i zhizn' 29 no.6: 32-33 Je '62.

Early dermatoplasty in open injuries [with summary in English]. V.S.Antipenko. Vest.khir. 89 no.8:33-38 Ag '62.

Early necrectomy in free skin autoplasty. M.A.Surpina. Vest.khir. 89 no.8:75-76 Ag '62.

Histological examination of the hip joint following arthroplasty with skin grafting. V.G.Serebriakov. Vest. khir. 89 no.8:68-70 Ag '62.

Morphological changes in free skin homografts in experimental acute radiation sickness [with summary in English]. K.K.Zaitseva. Vest.khir. 89 no.8:28-33 Ag '62.

Use of homo- and autohomotransplantation of skin in the clinic. K.E.Bronnikov. Vest.khir. 89 no.8:38-42 Ag '62.

SKOBELEV, ALEKSANDR SERGEEVICH, 1886-1923
Skobelev, V.P. [The prominent Soviet writer A.S. Neverov [pseud.], his life and works] Vydaiushchiisia sovetskii pisatel' A.S.Neverov [pseud.]; zhizn' i tvorchestvo. Kuibyshev, Ob-vo po raspr. polit. i nauchn. znanii RSFSR, Kuibyshevskoe obl. upr., 1961. 29 p.
(MH)

SKULL
Some characteristics of the upper section of the facial skeleton in relation to its flattening. TSui Chen-iao [TS'ui Ch'eng-yao]. Biul.MOIP.Otd.biol. 67 no.5: 155-156 S-O '62.

SKULL—SURGERY
Current status of bone homoplasty of defects of the cranial vault, a survey of the Soviet and foreign literature. K.G.Anosova. Vest.khir. 89 no.8:86-92 Ag '62.

SKULL—WOUNDS AND INJURIES
Course of the after-effects of craniocerebral injuries under conditions of a mountainous locality. G.I. Kostovetskii. Voen.-med.zhur. no.9:79 S '61.

SKULL, SUTURES OF see Cranial sutures

SKULME, OTIS, 1889-
Lacis, R. Otto Skulme. Moskva, Sovetskii khudozhnik, 1959. 114 p.
(NIC)

SLACKS see Trousers

SLAG
Effect of alumina on the viscosity of slags in the system calcium oxide - magnesium oxide - silica. I.I.Gul'tiai. Izv.AN SSSR.Otd.tekh.nauk.Met.i topl. no.5:52-65 S-O '62.

Investigating conditions for the obtention of waste slags during the smelting of tin concentrates in electric furnaces. O.M.Katkov. Trudy Vost.Sib.fil.AN SSSR no.41:33-38 '62.

Koordinatsionnoe soveshchanie po pererabotke i ispol'zovaniiu metallurgicheskikh shlakov v stroitel'stve, Kharkov, 1961. [Slags in construction, papers] Shlaki v stroitel'stve; trudy. [Khar'kov] Khar'kovskoe knizhnoe izd-vo, 1962. 227 p.

New equipment for the production of slag "pumice." V.V. Gofman, A.N.Karpovtsev. Stroi.i dor.mash. 7 no.9: 27-28 S '62.

Prokhorenko, K.K. [Slag conditions in steel smelting] Shlakovyi rezhim pri vyplavke stali. Moskva, Metallurgizdat, 1962. 242 p.

Use of basic open-hearth slags to increase crop yields. B.A.Lebedev, V.N.Karavnev. Zemledelie 24 no.9: 36-39 S '62.

Viscosity of lime-alumina slags. A.G.Shalimov, V.G. Kuklev. Izv.AN SSSR.Otd.tekh.nauk.Met.i topl. no.5:43-51 S-O '62.

SLAG—ANALYSIS
Composition of the gaseous phase of blast furnace tap cinder. M.K.Zil'ber, L.R.Zlat'kova. Izv.AN SSSR. Otd.tekh.nauk.Met.i topl. no.5:66-68 S-O '62.

SLAG—DENSITY
Density of molten steelmaking slag. U Din-fen' [Wu Ting-fên], A.F.Vishkarev, V.I.IAvoiskii. Izv.vys. ucheb.zav.;chern.met. 5 no.9:66-75 '62.

SLAG WOOL see Mineral wool

SLANDER
A slanderer. Halina Vasileuskaia. Rab.i stial. 38 no.10:22 O '62.

SLAVERY see subdivision under Danube Valley; Rome

SLAVIC LANGUAGES—GRAMMAR, COMPARATIVE
Akademiia nauk SSSR. Institut slavianovedeniia. [Structural-typological studies] Strukturno-tipologicheskie issledovaniia; sbornik statei. Moskva, Izd-vo Akad. nauk SSSR, 1962. 287 p.

SLAVIC STUDIES
"Slavic archives; collected articles and source materials." Reviewed by A.A.Ulunian, V.M.Khevrolina. Vop.ist. no.10:146-150 O '62.

SLAVS see subdivision under Austria

SLEEP
Characteristics of sleep at night in patients with diseases of the digestive system during a period of health resort treatment at Yessentuki. G.M.Krasheninin. Uch.zap.Pyat.gos.nauch.-issl.bal'n.inst. 3:177-184 '60.

Objective study of sleep in tuberculosis patients. IU.V. Okunev. K izuch.roli nerv.sist.v pat., immun.i lech. tub. no.2:112-119 '61.

SLEEP—THERAPEUTIC USE see Sleep therapy

SLEEP THERAPY
Change in the mitotic activity in injured rat corneal epithelium during medication sleep [with summary in English]. L.V.Sokolova. Biul.eksp.biol.i med. 53 no.6: 77-80 Je '62.

Composition and carbohydrate-phosphorus metabolism of the heart muscle under medication sleep [with summary in English]. L.A.Tseitlin. Uch.zap.Inst.farm. i khimioter.AMN SSSR 2:187-211 '60.

SLIDE RULE
Using a combination slide rule and nomogram in rapid processing of material from the A-22 radiosonde. S.A. Budarina. Shor.rab.TGO no.1:141-148 '61.

Working slide rule of the track maintenance worker. P.F.Zagranichnyi. Put' i put.khoz. 6 no.9:38-39 '62.

SLIDE-VALVES—TESTING
Stand for testing vee slide-valves. B.K.Koselapov. Mashinostroitel' no.10:32 O '62.

SLOT MACHINES see Vending Machines

SLOVAK LITERATURE—HISTORY AND CRITICISM
Bernshtein, I.A., and E.M.Olenova. [The modern Czech and Slovak novel] Sovremennyi cheshskii i slovatskii roman. Moskva, Izd-vo Akad. nauk SSSR, 1962. 170 p.

SLUICE GATES
Tainter gate and automatic device in the head waters with the float in a separate well. A.A.Gertung. Vop. gidr. no.1:92-99 '62.

SLUMS see subdivision under United States

SMELL
Olfactory sense in fishes; survey of literature. B.A. Fiserov. Vop.ikht. 2 no.3:517-529 '62.

SMELTING FURNACES
Heat balance in a recuperative, steel smelting, recirculation furnace. G.I.Demin, A.I.Plushnikov. Izv.vys. ucheb.zav.;chern.met. 5 no.9:188-192 '62.

SMOLENSK—RABIES
Fifty years of the Smolensk Pasteur Station [with summary in English]. Sh.G.Khanin, K.I.Solonina. Zhur. mikrobiol.,epid.i immun. 33 no.4:138-141 Ap '62.

SMOLENSK PROVINCE—AGRICULTURAL ADMINISTRATION
The new system of agricultural management in operation. P.Abrasimov. Ekon.sel'khoz. 33 no.8:12-19 Ag '62.

SMOLENSK PROVINCE—COMMUNITY CENTERS
Beacons of culture on a village. N.Khovanov. Sov. profsoiuzy 18 no.20,15-17 O '62.

SMOLENSK PROVINCE—CONSTRUCTION INDUSTRY
On old Smolensk Road. M.Shulenin. Sel'.stroi no.8: 8b-10 S '62.

SMUTS
(see also subdivision under Armenia)
Effect of structural characteristics of the plant on the vulnerability of corn by smut. N.I.Solunskaia. Agrobiologiia no.3:401-406 My-Je '62.

SNOW
(see also subdivision under Elbrus, Mount; Kirghiz Range)
Basic agricultural measures for the accumulation of moisture in soils. V.F.Anikovich. Zemledelie 24 no.9:56-64 S '62.

SNOW—TESTING see subdivision under Kazakhstan

SNOW REMOVAL
Mechanizing the removal of snow from the roofs. V.Ladiagina, Zhil.-kom.khoz. 12 no.3:14 Mr '62.

SOAKING PITS see Furnaces, Heating

SOBOLEV, LEONID SERGEEVICH, 1898-
"Overhauling" by L.Sobolev. Reviewed by Evgeniia Knipovich. Ogonek 40 no.43,12-13 O '62.

SOCCER see subdivision under Chile

SOCIAL GROUP WORK
(see also subdivision under Brest District)
Voluntary participation in social group work. P.Usachev. Komm.Vooruzh.Sil 3 no.21:65-68 N '62.

SOCIAL INSURANCE see Insurance, Social

SOCIAL PROBLEMS
He who does not work shall not eat. Sov.iust. no.20: 1-2 O '62.

Inhabited island. V.Privalikhin, E.Rosliakov. Ogonek 40 no.23:30-31 Je '62.

SOCIAL SCIENCES see subdivision under France

SOCIAL SCIENCES—BIBLIOGRAPHY see Bibliography—Social sciences

SOCIAL SCIENCES—STUDY AND TEACHING
(see also subdivision under Odessa; Tomsk)
Moscow. Akademiia obshchestvennykh nauk. [Course outlines on the history of philosophy, dialectical and historical materialism, history of atheistic theories, fundamentals of scientific atheism, history of ethical theories, fundamentals of Marxist-Leninist ethics and theory, communist education, history of aesthetic theories, fundamentals of Marxist-Leninist aesthetics for evening universities of Marxism-Leninism; philosophical faculties] Programmy po istorii filosofii, dialekticheskomu i istoricheskomu materializmu, istorii ateisticheskikh ucheni, osnovam nauchnogo ateizma, istorii eticheskikh uchenii, osnovam marksistsko-leninskoi etiki i teorii kommunisticheskogo vospitaniia, istorii estheticheskikh uchenii, osnovam marksistsko-leninskoi estetiki dlia vechernikh universitetov marksizma-leninizma (filosofskie fakul'toty). Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1962. 259 p.

Moscow. Akademiia obshchestvennykh nauk. [Program of the course "Fundamentals of Marxism and Leninism" for groups, seminars and political self-education] Programma kursa "Osnovy marksizma-leninizma" dlia kruzhkov, seminarov i politicheskogo samoobrazovaniia. Moskva, Gospolitizdat, 1962. 47 p.

SOCIAL SERVICES

Krest'ianinov, V.I [Public participation in government] Na obshchestvennykh nachalakh. [Moskva] Profizdat, 1962. 76 p (Bibliotechka profsoluznogo aktivista, no.18(42))

SOCIALISM

"A history of the socialist thought" [in English] by G.D.H Cole. Vols.4-5. Reviewed by V.M Alekseev, M I Pshedetskii Nov. i noveish. ist no 5 145-149 '62.

How "unprejudiced" are the scholars of the "noncommunist world", apropos of a review by Mr R. Pipes IU. Z Polevoi. Ist. SSSR 6 no. 1:210-212 Ja-Ag '62

SOCIALIST COMPETITION
(see also subdivision under Bulgaria, Georgia, Sverdlovsk Province)

Borisov, E. F., and R. L. Zaitsev. [Socialist competition and the economics of enterprises] Sotsialisticheskoe sorevnovanie i ekonomika predpriiatii. Moskva, Ekonomizdat, 1962. 93 p. (Ekonomicheskoe samoobrazovanie)

Collectivism is our first commandment. T. Molofeeva. Sov. profsoiuzy 18 no.20 22-23 O '62

Dedicate every minute, every hour to the cause of communism. I. Ivanov, S. Terekhov. Mest. prom. i khud. promys. 3 no.8.1 Ag '62.

In the front row. Pozh. delo 8 no.10:1-2 O '62

IUsupov, IUnus. [A mixed construction brigade] Kompleksnaia stroitel'naia. Stalinabad, Tadzhikgosizdat, 1961. 32 p. (Peredoviki semiletki)

Leningrad printers are in socialist competition. O. A. Astaf'eva, E. M. Liadova Poligr proizv. no 10 8-9 O '62.

Matveeva, E. F. [On the right road] Na vernom puti. [Leningrad] Lenizdat, 1961. 53 p.

A united family. M. Shamshurin. Mest. prom. i khud. promys. 3 no.8 2-3 Ag '62.

Winners in socialist competition. Stil', bud. 12 no.10 23 O '62

SOCIALIST PARTIES

A document of political impotence. A Chernisev Mir. ekon i mezhdunar otn. no 11 18-29 N '62.

Unsocialistic "Socialists", ideological positions of the present-day Social Democrats [with summary in English, p. 180] E. P. Sitkovskii. Vop. filos. 16 no.10 57-69 '62.

SOCIALIST PARTY see subdivision under France, Serbia

SOCIALIST REALISM

Akademiia nauk SSSR. Institut mirovoi literatury. [Socialist realism in the literatures of the peoples of the U. S. S. R.] Sotsialisticheskii realizm v literaturakh narodov SSSR. Moskva, Izd-vo Akad. nauk SSSR, 1962. 364 p.

SOCIOLOGY

Becker, Howard, and Alvin Boskoff, eds. [Present day sociological theory in its sequence and changes] Sovremennaia sotsiologicheskaia teoriia v ee preemstvennosti i izmenenii Obshchaia red. i posleslovie D.I. Chesnokova Moskva, Izd-vo inostr. lit-ry, 1961. 894 p (Dlia nauchnykh bibliotek)
(NNC)

SOCIOLOGY—BIBLIOGRAPHY see Bibliography—Sociology

SODIUM BOROHYDRIDE

Phase equilibria in the system $NaBH_4$ - NH_3. G. A. Egoranko, IA. I. Vabel', I. S. Antonov. Zhur. neorg. khim. 7 no.10:2419-2425 O '62.

SODIUM CARBONATES—PHYSIOLOGICAL EFFECT

Effect of alkali nutrition on the metabolism and semen production in breeding rams R. N. Odynets. Uch. zap. Biol.-pochv. fak. Kir. un. no.7:239-245 '58.

SODIUM CHLORIDE see Salt

SODIUM FLUOSILICATE

Stability of monazite depression by the SiF_6^{2-} ion as dependent on the pH of the medium. I. N. Plaksin, K. E. Barysheva, G. N. Nazarova. Dokl. AN SSSR 146 no.5: 1139-1140 O '62.

SODIUM METAPHOSPHATE

Polarographic investigation with fused sodium metaphosphate as the support IU K. Delimarskii, T N Kaptsova, K M Boiko Ukr. khim zhur 28 no 5 595-599 '62.

SODIUM SULFIDE

Content of iron impurities in sodium sulfide solution depending on various factors. M M. Kushnir Ukr. khim. zhur. 28 no 5.648-650 '62

SODIUM THIOSULFATE

Effect of sodium hyposulfite on the biosynthesis of vitamin B_{12} by Propionibact. Jensenii. L. I. Vorob'eva. Dokl. AN SSSR 146 no.3:693-695 S '62.

Study of glomerular filtration in children by means of sodium thiosulfate and endogenous creatinine [with summary in English]. M. P. Matveev and others. Pediatriia no.6:31-36 '62.

SOFIA—THEATER

When roses dance.... G. Boiadzhiev. Teatr 23 no.10: 188-190 O '62.

SOFT DRINKS

Skarzhepa, E. A. [Tables for calculating the density, acidity, and amount of carbonic acid in nonalcoholic beverages] Tablitsy dlia vychisleniia plotnosti kislotnosti i soderzhaniia uglekisloty v bezalkogol'nykh napitkakh. Moskva, Pishchepromizdat, 1962. 34 p.

SOIL ABSORPTION

Phosphate absorption by individual mechanical soil fractions. P. G. Aderikhin, G. S. Volkova. Nauch. dokl. vys. shkoly, biol. nauki no.4 196-201 '62.

SOIL BIOLOGY

Effect of electricity on the biological activity of soil. P. V. Kvartsov, B. L. Nikitin, L. V. Kvartsova. Trudy TSGL 7.239-243 '61.

SOIL CHEMISTRY
(see also subdivision under Soviet Central Asia)

Sorption of long-lived fission products by soils and clay elements. Part 3. Selectivity of soils and clays with respect to Sr^{90} under various conditions. IU A Sokotov, R. F. Popova. Radiokhimiia 4 no.3:328-334 '62

SOIL CONDITIONERS

Polymer preparations of the series K. K. S. Akhmedov, S. Z. Zainutdinov, T. M. Siderova. Priroda 51 no.10: 58-59 O '62.

SOIL CONSERVATION see subdivision under Odessa Province; Virgin Territory

SOIL DISINFECTION

Vat residues of methylene chloride, a highly effective soil fumigant. V. P. Batiuk, M IA. Pallenko, Khim. prom. [Ukr.] no.1:36-39 Ja-Mr '62.

SOIL FERTILITY

Effect of micro-organisms on the increase of soil fertility under the influence of electricity. P. V. Kvartsov. Trudy TSGL 7.255-265 '61.

Sobolev, S. S. [Preventing soil erosion and increasing soil fertility] Zashchita pochv ot erozii i povyshenie ikh plodorodiia Moskva, Izd-vo sel'khoz lit-ry, zhurnalov i plakatov, 1961. 230 p.
(DNAL)

SOIL FUNGI see subdivision under Zvenigorod region

SOIL MECHANICS
(see also subdivision under Moscow Basin)

Ivanov, P. L. [Liquefaction of sandy soils] Razzhizhenie peschanykh gruntov. Moskva, Gosenergoizdat, 1962. 259 p.

Linear approximation to the mechanics of solidified porous media. V. N Nikolaevskii. Izv. AN SSSR, Otd. tekh. nauk, Mekh. i mashinostr. no.5:50-62 S-O '62.

SOIL MICRO-ORGANISMS

Effect of fertilizers on the activity of microbiological processes in the soil of vineyards [with summary in English]. G. Peshakov. Izv. AN SSSR Ser. biol. no.5: 787-790 S-O '62.

Effect of micro-organisms on the increase of soil fertility under the influence of electricity. P. V. Kvartsov. Trudy TSGL 7:255-265 '61.

SOIL MOISTURE
(see also subdivision under Donetsk Province; Uzbekistan, Orenburg Province)

Application of the similitude theory to mechanical dehydration of soils of the peat type and other such matter. I. I. Mogilevskii. Izv. vys. ucheb. zav.; gor. zhur. no.10,48-54 '61.

Device for remote soil moisture determinations. I. V. Molokanov. Inform. shor. o rab. Geog. fak. Mosk. gos. un. po Mezhdunar. geofiz. godu no.2:201-208 '59.

Effect of the digging activity of small mammals on the distribution of soil moisture in areas covered with mixed conifer and hardwood forests [with summary in English]. N. N. Popova. Biul. MOIP. Otd. biol. 67 no.5:29-35 S-O '62.

SOIL PERCOLATION see subdivision under Chu Valley

SOIL PHYSICS

Seepage control effects of petroleum by-products in soils with different physical and mechanical properties. A. I. Agaev. Trudy ININ AN Azerb. SSR 15:5-12 '62.

SOIL STABILIZATION
(see also subdivision under Kazakhstan)

Stabilization of the roadbed on a karstic section. A. D Panasov, V. G. Zaitsev, V. M. Skliarenko. Put' i put. khoz. 6 no.9:20-22 '62.

SOIL TEMPERATURE see subdivision under Khantayka Valley

SOILS
(see also subdivision under Elbrus, Mount, Pavlodar Province)

Garkusha, I. F. [Soil science] Pochvovedenie. 5., ispr. izd Leningrad, Izd-vo sel'khoz. lit-ry, zhurnalov i plakatov, 1961. 351 p. (Uchebniki i uchebnye posobiia dlia sel'skokhoziaistvennykh tekhnikumov)
(DNAL)

SOILS—ANALYSIS
(see also subdivision under Alma-Ata region, Caspian Sea region, Kara-Tau region, Kirghiz Range, Kzyl-Orda Province, Syr-Darya Valley)

Colorimetric determination of silicic acid in oxalate extractions by Tamm's method [with summary in English] N. I. Belianeva. Pochvovedenie no 7:104-107 Jl '62

Mechanized drill for taking soil and ground samples with intact structure. IU. N. Staroduмov. Pochvovedenie no. 7:110-113 Jl '62.

Some data on the supply of viable seeds in soils beneath the meadow and steppe vegetation [with summary in English]. L. V. Golubeva. Biul. MOIP. Otd. biol. 67 no.5.76-80 S-O '62

Taking soil samples in studying the dynamics of nutrients N. M. Matboroda. Pochvovedenie no 7:112-113 Jl '62

SOILS—BIBLIOGRAPHY see Bibliography—Soils

SOILS—CARBON CONTENT see subdivision under Russia, Southern

SOILS—CLASSIFICATION
(see also subdivision under Kirghizistan)

Soil regionalization in the non-Chernozem center. I. S. Dolgova. Vest. Mosk. un. Ser. 5 Geog. 17 no. 5.21-26 S-O '62.

SOILS—IRON CONTENT
(see also subdivision under Armur Valley)

Iron-humus complexes and their role in the nutrition of plants [with summary in English] K. V. Dilakonova. Pochvovedenie no. 7:19-25 Jl '62.

SOILS—MAGNESIUM CONTENT

Trilonometric determination of available magnesium in soils with a low content of exchangeable bases [with summary in English]. M. M. Mazaeva, O. V. Neuglodova Pochvovedenie no. 7:100-104 Jl '62.

SOILS—MAPS see subdivision under Europe

SOILS—NITROGEN CONTENT see subdivision under Russia, Southern

SOILS—PHOSPHOROUS CONTENT see subdivision under Volgograd Province

SOILS—PHOSPHORUS CONTENT

Effect of a prolonged use of organic and mineral fertilizers in crop rotation on the total content and forms of phosphoric acid in the soil. P. O. Horshkov, Visnyk sil'hosp. nauky 5 no.9:49-56 S '62.

Phosphate absorption by individual mechanical soil fractions. P. G. Aderikhin, G. S. Volkova. Nauch. dokl. vys. shkoly; biol. nauki no.4:196-201 '62.

SOILS—SULFUR CONTENT

Sulfate mobilization in leached Chernozem soils. I. P. Tikhova. Nauch. dokl. vys. shkoly, biol. nauki no. 4 192-195 '62.

SOILS AND CROPS see Crops and soils

SOKOLOVSKII, ALEKSEI ANDREEVICH, 1823-1891

Ideas of materialistic naturalism in the works of A. A. Sokolovskii. O. G. Pkhaladze. Trudy Gos. nauch.-issl. inst. psikh. 27:373-382 '61.

SOLAR ENERGY

Solar energy as a substitute for fuel. M. D. Agudarev. Priroda 51 no.10.62 O '62.

SOLAR RADIATION
(see also subdivision under Soviet Central Asia)

Effect of small solar flares in the neutron component of cosmic rays in relation to the time and place of preceding flares. L. I. Dorman, E. V. Kolomeets. Geomag i aer. 2 no. 4.630-634 Jl-Ag '62

Flares of cosmic ray intensity in the stratosphere and chromospheric flares of the sun. A. N. Charakhch'ian T N Charakhch'ian. Geomag. i aer. 2 no. 5:629-635 S-O '62.

Integral functions of the absorption of long-wave radiation in the atmosphere. Part 4. Absorption by water vapors and CO_2. V. E. Zuev. Izv. vys. uch. zav.; fiz. 3:49-54 '62.

Internal structure of solar corpuscular streams from geomagnetic data. V. I. Afonas'eva, E. I. Mogilevskii, IU. D. Kalinin. Geomag i aer. 2 no. 4.659-662 Jl-Ag '62.

Ionization of the upper atmosphere with short-wave solar radiation. G. S. Ivanov-Kholodnyi. Geomag. i aer. 2 no. 4:674-687 Jl-Ag '62.

Possibility of using data on dispersions of whistling atmospherics for estimating concentrations in solar corpuscular streams. B. N. Gershman, V. IU. Trakhtengerts. Geomag. i aer. 2 no. 4:653-658 Jl-Ag '62.

Radio emission of solar corpuscular streams in the earth's atmosphere. M. A. Gintsburg. Geomag. i aer. 2 no. 4:642-652 Jl-Ag '62.

Solar cosmic rays in May and June 1961. A. N. Charakhch'ian, T. N. Charakhch'ian. Geomag. i aer. 2 no. 4 626-629 Jl-Ag '62.

SOLDER AND SOLDERING

Analysis of a silver-phosphorus solder by the spectral method. L. A. Shanter. Khim. prom. [Ukr.] no. 1:79-80 Ja-Mr '62.

SOLDER AND SOLDERING—EQUIPMENT AND SUPPLIES

Pomazanov, I.N., and P. L. Tikhomirov. [Electric soldering guns with internal heater] Elektropaial'niki s vnutrennim nagrevatelem. Leningrad, 1962. 23 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia: Svarka i paika, no. 4)

SOLDIERS

"The 'beacon lights' of our regiments" by V. Karpov. Reviewed by A. Sgibnev. Komm. Vooruzh. Sil 3 no. 21: 90-92 N '62.

Let us talk about the good name of Soviet soldiers. Komm. Vooruzh. Sil 3 no. 20 93 O '62.

Selishchev, I. P. [Family of an officer] Semi'ia ofitsera. Moskva, Voenizdat, 1962. 118 p.

SOLIDS

Some regularities of electron passage through solids. A. IA. Vlatskin, A. N. Piliankevich. Fiz. tver. tela 4 no. 4 1036-1045 Ap '62.

SOLIGORSK—POTASH INDUSTRY AND TRADE

The value of a minute of work. F. Zhevzhik, A. Blokhin. Komsom. zhizn' no. 12 8-10 Je '62.

SOLIGORSK—SALT MINES AND MINING

In an underground city. E. Khramov. Smena 39 no. 21: 12-14 N '62.

SOLNECHNOGORSK REGION—FOREST MANAGEMENT

Gradual cuttings at the Solnechnogorsk Forest Working Circle. P. I. Morozov, V. I. Sinitskhin. Les. khoz. 15 no. 6: 2-4 Je '62.

SOLODOVNIKOV, GEORGII SERGEEVICH, 1900-

Sixtieth birthday of assistant professor G. S. Solodovnikov. Vop. elektropat. i elektrotrav. 1:64-65 '61.

SOLONETZ SOILS see subdivision under Russia, Southern, West Kazakhstan Province

SOLUBILITY

Dependence of the solubility of mercury chloride on the concentration of lithium chloride in methyl alcohol. G. F. Dvorko. Ukr. khim. zhur. 28 no. 5 621-623 '62.

Physicochemical properties of solvents of the system $(NH_4)_2MoO_4 - NH_4NO_3 - H_2O$ at 25°C. Z. G. Karov, F. M. Perel'man. Zhur. neorg. khim. 7 no. 10: 2450-2456 O '62.

Solubility in the system $Li_2SO_4 - Rb_2SO_4 - H_2O$ at 35°C. V. G. Shevchuk. Zhur. neorg. khim. 7 no. 10: 2463-2465 O '62.

Solubility isotherms of the systems $KBi - KNO_3 - H_2O$ and $KI - KNO_3 - H_2O$ at 25°C. E. A. Rashkovskaia, A. K. Lomakina, L. T. Usenko. Ukr. khim. zhur. 28 no. 5: 574-577 '62.

Solubility of silver halides in liquid ammonia and in ammonia-water solutions. G. K. Distanov. Uch. zap. Biol.-pochv. fak. Kir. un. no. 7: 163-183 '58.

Solubility of titanium, zirconium, and hafnium dioxides in fused alkali metal fluorides. IU. K. Delimarskii, G. G. Buderanskaia. Ukr. khim. zhur. 28 no. 5: 565-570 '62.

Thermal solubility diagram of the ternary system sodium chloride-sucrose-water. Report No. 1. S. A. Arbaev. Uch. zap. Biol.-pochv. fak. Kir. un. no. 7: 189-205 '58.

SOLUTION (CHEMISTRY)

Certain functions characterizing the state of a substance in solution. I. E. Starik, IU. A. Barbanel'. Dokl. AN SSSR 146 no. 6: 1352-1355 O '62.

Nature of the dielectric effects reflecting solid-phase transformations in solutions. S. S. Uraimovskii, I. I. Ezhik. Izv. vys. uch. zav., fiz. 3: 111-120 '62.

SOLUTIONS, SOLID

Solid solutions in the systems NaOH - NaH and KOH - KH. V. I. Mikheeva, M. M. Shkrabkina. Zhur. neorg. khim. 7 no. 10: 2411-2418 O '62.

SOLVENTS

Allowance for the effect of a solvent on the infrared spectrum of a substance in analytical work. V. M. Chulanovskii and others. Izv. AN SSSR, Ser. fiz. no. 10: 1230-1236 O '62.

Effect of dilution with an inert solvent on the process of oxidative decarboxylation of fatty acids. L. K. Obukhova, V. M. Gol'dberg. Izv. AN SSSR, Otd. khim. nauk no. 10: 1894 O '62.

Effect of solvents on the intensity and position of bands in the electron spectra of molecules. N. G. Bakhshiev. Izv. AN SSSR, Ser. fiz. no. 10: 1237-1240 O '62.

Effect of some solvents on the absorption spectra of bivalent copper. V. F. Sergeeva, S. V. Pilushcheva. Zhur. neorg. khim. 7 no. 10: 2357-2360 O '62.

Effect of the nature of the solvent on the diffusion of electrolytes. I. D. Vdovenko, O. K. Kudra. Ukr. khim. zhur. 28 no. 3: 323-326 '62.

Effect of the nature of the solvent on the extraction of chelates. IU. A. Zolotov, I. P. Alimarin. Radiokhimiia 4 no. 3: 272-279 '62.

Solubility of hydroxyquinolates in organic solvents and the optical properties of solutions. Part 1: Magnesium hydroxyquinolate. F. G. Zharovskii, V. L. Ryzhenko. Ukr. khim. zhur. 28 no. 3: 306-309 '62.

SON-KUL', LAKE—BIRDS

Birds of the mountain lakes Son-Kul' and Chatyr-Kul'. A. Kydyraliev. Izv. AN Kir. SSR, Ser. biol. nauk 4 no. 1: 59-81 '62.

SONGS see subdivision under Transbaikalia

SONGS, BURYAT

Historical and patriotic songs of western Buryats. S. P. Baldaev. Trudy BKNII no. 6: 184-191 '61.

SONGS, UKRAINIAN see subdivision under Denmark

SORBENTS

Radiation-induced synthesis of new ion exchange sorbents of organomineral nature. E. V. Egorov and others. Dokl. AN SSSR 146 no. 6: 1360-1362 O '62.

SORGHUM

[Hybrid sorgo; translations from foreign periodical literature] Gibridnoe sorgo, sbornik perevodov iz inostrannoi periodicheskoi literatury. Moskva, Sel'khozizdat, 1962. 430 p.
(DNAL)

SORPTION

Change in the sorption of the cerebral cortex, muscle and the kidney of white mice during the period of immunization and superinfection. M. D. Shkol'nikova. K izuch. roli nerv. sist. v pat., immun. i loch. tub. no. 2: 262-270 '61.

Sorption of germanium oxide from aqueous solutions by coals. I. N. TSelik, N. F. Tunkalov, A. I. Orlova. Ukr. khim. zhur. 28 no. 3: 410-421 '62.

Sorption of water vapor by hydrophilic high polymers. Part 8: Isotherms of sorption and of heat of wetting of polycaprolactam. E. F. Nekriach, Z. A. Samchenko. Ukr. khim. zhur. 28 no. 5: 514-521 '62.

Sorption of water vapors by hydrophilic high polymers. Part 9: Investigation of the structural changes of polycaprolactam based on sorption and thermochemical data. E. F. Nekriach, Z. A. Samchenko. Ukr. khim. zhur. 28 no. 6: 703-706 '62.

Theory of errors of indirect measurements in the study of sorption processes by the method of radioactive indicators. V. V. Rachinskii, S. M. Rustamov. Radiokhimiia 4 no. 3: 253-260 '62.

SOSNOGORSK—RESTAURANTS, LUNCHROOMS, ETC.

Wages and production of food by public eating establishments for themselves. N. Kasatkin. Obshchestv. pit. no. 7: 20 Jl '62.

SOUND

Producing sounds of various pitch and timbre. V. A. Alekseev. Fiz. v shkole 22 no. 4: 63 Jl-Ag '62.

SOUND—RECORDING AND REPRODUCING

Improving the formulae of developers for the processing of negatives of a rerecording on the ZT-7 film. A. E. Zinov'eva. Tekh. kino i telev. 6 no. 8: 71-72 S '62.

SOUND—RECORDING AND REPRODUCING—BIBLIOGRAPHY see Bibliography—Sound—Recording and reproducing

SOUPS

Recipes for home cooking. Obshchestv. pit. no. 7: 62-63 Jl '62.

SOUTH AFRICA, REPUBLIC OF—MINE VENTILATION

Experience of ventilation in deep and hot gold mines of South Africa and India and possibilities for applying it to other mining areas by Hans Burkhard Dietterle [in German]. Reviewed by L. N. Dmitrieva. Gor. zhur. no. 10: 80 O '62.

SOUTH AFRICA, REPUBLIC OF—RACE DISCRIMINATION

Commonplace facts [with English summary in insert]. Lewis Nkosi. Az. i Afr. segodn. no. 10: 29-30 O '62.

SOUTH AMERICA—ORE DEPOSITS

Ore-bearing petrographic provinces in South America. O. M. Borisov, L. N. Lordkipanidze. Uzb. geol. zhur. 6 no. 5: 65-78 '62.

SOUTH AMERICA—ROCKS, IGNEOUS

Ore-bearing petrographic provinces in South America. O. M. Borisov, L. N. Lordkipanidze. Uzb. geol. zhur. 6 no. 5: 65-78 '62.

SOUTH KAZAKHSTAN PROVINCE see Chimkent Province

SOUTHEAST ASIA COLLECTIVE DEFENSE TREATY

"Whose hand is in the pie?" [in Indonesian] by Wirjosumarto. Reviewed by V. IAvin. Az. i Afr. segodn. no. 10: 59-60 O '62.

SOUTHERN BUG VALLEY—GEOLOGY, STRATIGRAPHIC

New data on the stratigraphic correlation of the Tsarev-Bug series of the Ukrainian Pre-Cambrian [with summary in English]. V. V. Smirnyi. Vest. LGU 17 no. 18: 47-55 '62.

SOVIET BLOC see Communist Countries

SOVIET CENTRAL ASIA—BEES

New Central Asiatic genera of bees (Hymenoptera, Apoidea). V. V. Popov. Trudy Zool. inst. 30: 291-309 '62.

SOVIET CENTRAL ASIA—CIVILIZATION

[illegible] [Proceedings of the Seminar and Conference Dedicated to the Topic "Friendship of Peoples and Socialist Internationalism, Great Force in the Struggle for the Development of Communism"; materials] Druzhba narodov i sotsialisticheskii internatsionalizm, velikaia sila v bor'be za postroenie kommunizma, materialy. Tashkent, Ob'edinennoe izd-vo, 1961. 430 p.
(MH)

SOVIET CENTRAL ASIA—CONSTRUCTION INDUSTRY

Reclamation of a desert. A. Sarkisov. Part. zhizn' no. 22: 30-37 N '62.

SOVIET CENTRAL ASIA—DESERTS

Nature of deserts and their future. B. A. Fedorovich. Priroda 51 no. 10: 51-55 O '62.

SOVIET CENTRAL ASIA—ECONOMIC CONDITIONS

Communism develops through the work of millions. Ogonek 40 no. 42: 2-3 O '62.

SOVIET CENTRAL ASIA—ECONOMIC GEOGRAPHY

Central Asia as an economic region. V. F. Pavlenko. Vop. geog. no. 57: 297-310 '62.

SOVIET CENTRAL ASIA—GAS, NATURAL—PIPELINES

We are going further and further away from the south. . . Kamil' Usmanov. Smena 39 no. 21: 6 N '62.

SOVIET CENTRAL ASIA—GEOLOGY

Results of the Fifth Conference of Young Geologists of the Republics of Central Asia and Kazakhstan. R. A. Sadykov, S. A. Iakhakov. Uzb. geol. zhur. 6 no. 5: 86-87 '62.

Some geological results of regional geophysical studies carried out in Central Asia and the Russian Platform. I. E. Shirinov, P. A. Blokhin. Sov. geol. 5 no. 10: 88-99 O '62.

SOVIET CENTRAL ASIA—GROUND BEETLES

New species of ground beetles (Coleoptera, Carabidae) from the U.S.S.R. O. L. Kryzhanovskii. Trudy Zool. inst. 30: 245-251 '62.

SOVIET CENTRAL ASIA—ICHNEUMON FLIES

New subfamily of braconids (Hymenoptera, Braconidae) from Central Asia. V. I. Tobias. Trudy Zool. inst. 30: 268-270 '62.

SOVIET CENTRAL ASIA—INSECTS, INJURIOUS AND BENEFICIAL

Galls, bud teratosis and their pathogens on Tamarix L. [with summary in English]. E. I. Slepian. Biul. MOIP, Otd. biol. 67 no. 5: 81-75 S-O '62.

SOVIET CENTRAL ASIA—PASTURES AND MEADOWS—CONGRESSES

Interrepublic session on the development of desert territories in Central Asia and Kazakhstan. V. N. Kunin. Izv. AN SSSR, Ser. geog. no. 5: 107-109 S-O '62.

SOVIET CENTRAL ASIA—RECLAMATION OF LAND

Conquest of deserts. Sh. B. Balyrov. Priroda 51 no. 10: 52-53 O '62.

Current problems in the overall development of land and water resources of the republics of Central Asia and of Southern Kazakhstan. Izv. AN Uz. SSR. Ser. tekh. nauk 6 no. 5: 5-12 '62.

Nature of deserts and their future. B. A. Fedorovich. Priroda 51 no. 10: 54-55 O '62.

New developments in reclaiming the steppes of Central Asia and southern Kazakhstan, interrepublic scientific session on the reclamation of steppe regions of Central Asia and Kazakhstan, May 24-31, 1962. V. I. Matveev. Vest. sel'khoz. nauki [Kazakh] 5 no. 9: 28-31 S '62.

SOVIET CENTRAL ASIA—ROCKS—MAGNETIC PROPERTIES

Magnetic properties of rocks in the eastern part of Central Asia. I. M. Mel'kanovitskii, P. G. Akhmatov, E. L. Lepigova. Uzb. geol. zhur. 6 no. 5: 83-85 '62.

SOVIET CENTRAL ASIA—SAKSAUL

Black saksaul shelterbelts. Z. Sh. Shamsutdinov. Priroda 51 no. 10: 63 O '62.

SOVIET CENTRAL ASIA—SALT DEPOSITS

Perel'man, A. I. [Migration processes of salts on the plains of eastern Turkmenia and western Uzbekistan in the Neogene; ancient soils of deserts in Central Asia] Protsessy migratsii solei na ravninakh Vostochnoi Turkmenii i Zapadnogo Uzbekistana v neogene; drevnie pochvy pustyn' Srednei Azii. Moskva, Izd-vo Akad. nauk SSSR, 1959. 108 p. (Akademiia nauk SSSR. Institut geologii rudnykh mestorozhdenii, petrografii, mineralogii i geokhimii. Trudy, no. 25)

SOVIET CENTRAL ASIA—SCARABAEIDAE

New and little-known species of scarab beetles (Coleoptera, Scarabaeidae) from Central Asia [with summary in German]. S. I. Medvedev. Ent. obozr. 41 no. 3: 506-512 '62.

SOVIET CENTRAL ASIA—SEDGES

Methods for field estimation of the yield of the sedge Carex physodes M.B. in pastures. I.G.Gringof, A.G. Alimzhanov. Bot.zhur. 47 no.8 1170-1176 Ag '62

SOVIET CENTRAL ASIA—SEISMOLOGY

General compilation of seismic statistical data in seismic zoning of Central Asia N.A Vvedenskaia Trudy Inst fiz Zem no 22 Vop. inzh. seism. no 7 25-45 '62.

SOVIET CENTRAL ASIA—SHEEP—DISEASES AND PESTS

Microelement copper. M.A.Rish. Priroda 51 no.10 60-61 O '62.

SOVIET CENTRAL ASIA—SOIL CHEMISTRY

Perel'man, A.I. [Migration processes of salts on the plains of eastern Turkmenia and western Uzbekistan in the Neogene, ancient soils of deserts in Central Asia] Protsessy migratsii solei na ravninakh Vostochnoi Turkmenii i Zapadnogo Uzbekistana v neogene, drevnie pochvy pustyn' Srednei Azii Moskva, Izd-vo Akad. nauk SSSR, 1959 108 p. (Akademiia nauk SSSR. Institut geologii rudnykh mestorozhdenii, petrografii, mineralogii i geokhimii. Trudy, no. 25)

SOVIET CENTRAL ASIA—SOLAR RADIATION

Radiation balance at some points in Central Asia U.I Antropova, M V Sitnikova Sbor rab TGO no. 1:80-101 '61.

SOVIET CENTRAL ASIA—STOCK AND STOCKBREEDING

Foundations of animal husbandry in deserts. N.T. Nechaeva, N.N. Pel't. Priroda 51 no.10:60-62 O '62.

SOVIET CENTRAL ASIA—TAMARISK—DISEASES AND PESTS

Galls, bud teratosis and their pathogens on Tamarix L. [with summary in English]. E.I.Slepian. Biul.MOIP. Otd.biol. 67 no.5:61-75 S-O '62.

SOVIET CENTRAL ASIA—WATER RESOURCES DEVELOPMENT

Conference on the comprehensive development of land and water resources in the republics of Central Asia and southern Kazakhstan. A.S.Kes'. Izv.AN SSSR, Ser. geog. no.5 190-196 S-O '62.

Current problems in the overall development of land and water resources of the republics of Central Asia and of Southern Kazakhstan. Izv.AN Uz.SSR.Ser.tekh. nauk 6 no.5:5-12 '62.

SOVIET CENTRAL ASIA—WEEVILS

New genus and species of the tribe Hyperini (Coleoptera, Curculionidae). V.A.Zaslavskii. Trudy Zool.inst. 30 260-267 '62.

SOVIET CENTRAL ASIA—WIND POWER

Useful work of the wind. IA.I.Shefter. Priroda 51 no.10:57 O '62.

SOVIET FAR EAST—ALLIED INTERVENTION, 1918-1920

Glory of those days will not be forgotten E.Kamenetskii. Voen.znan 38 no.10 22-23 O '62.

Liberation of the Far East from interventionists and the White Guards. Voen.-ist.zhur. 4 no.10:127-128 O '62.

SOVIET FAR EAST—EAR

State of the upper respiratory tract and ear in various population groups of the Far East. P.D.Glubokova, E.A.Miroshnikova. Trudy med.inst. no.20:177-182 '60.

SOVIET FAR EAST—EARTH—SURFACE

Crustal structure in the northeastern part of the U.S.S.R. based on geophysical data. K.K.Shaposhnikov. Geol. i geofiz. no.9:100-105 '62.

SOVIET FAR EAST—ECONOMIC CONDITIONS

SOVIET FAR EAST—POLYPORACEAE

New polyporaceous fungi discovered in the Far East. A.S.Bondartsev. Bot.mat.Otd.spor.rast. 15:103-111 Ja '62.

Some rare polyporaceous fungi discovered in the Far East. L.V.Liubarskii. Bot.mat.Otd.spor.rast. 15: 111-125 Ja '62.

SOVIET FAR EAST—RADIOBROADCASTING

On broadcasting in the Far East. S.Iu.Ichenko. Sov. rad.i tel. 6 no.2 13 '57.

SOVIET FAR EAST—RESPIRATORY ORGANS

State of the upper respiratory tract and ear in various population groups of the Far East. P.D.Glubokova, E.Z.Miroshnikova. Trudy Khab.med.inst. no.20 177-182 '60.

SOVIET FAR EAST—REVOLUTION, 1917-1921

Il'ukhov, N.K., and I.P. Samusenko. [Guerrilla movement in the Maritime region, 1918-1922] Partizanskoe dvizhenie v Primor'e, 1918-1922. Moskva, Voenizdat, 1962. 277 p.

SOVIET UNION see Russia

SOVIETS

(see also subdivision under Kazakhstan, Ukraine)

Bersheda, R.V. [Executive committees of the district soviets of workers' deputies] Ispolnitel'nyi komitet raionnogo Soveta deputatov trudiashchikhsia. Otv. red. B.M. Babii. Moskva, Gosiurizdat, 1962. 60 p. (Bibliotechka rabotnika raionnogo Soveta)

Brazhnykov, V.IE. [Standing committees of district soviets of workers' deputies] Postoiannye komissii raionnogo Soveta deputatov trudiashchikhsia. Otv. red. B.M. Babii. Moskva, Gosiurizdat, 1962. 65 p. (Bibliotechka rabotnika raionnogo Soveta)

Fedoniuk, K.E. [How district soviets supervise public education and carry out educational and cultural work] Deiatel'nost' raionnogo Soveta po rukovodstvu narodnym obrazovaniem i kul'turno-prosvetitel'noi rabotoi. Otv. red. B.M. Babii. Moskva, Gosiurizdat, 1962. 70 p. (Bibliotechka rabotnika raionnogo Soveta)

Pakhomov, I.N. [The work of district soviets in the field of industry and commerce] Deiatel'nost' raionnogo Soveta v oblasti promyshlennosti i torgovli. Otv. red. B.M. Babii. Moskva, Gosiurizdat, 1962. 54 p. (Bibliotechka rabotnika raionnogo Soveta)

Potarikina, L.L. [The work of district soviets in the field of public health and social insurance] Deiatel'nost' raionnogo Soveta v oblasti zdravookhraneniia i sotsial'nogo obespecheniia. Otv. red. B.M. Babii. Moskva, Gosiurizdat, 1962. 62 p. (Bibliotechka rabotnika raionnogo Soveta)

Raznatovskii, I.M. [Sessions of the district soviets of workers' deputies] Sessii raionnogo Soveta deputatov trudiashchikhsia. Otv. red. B.M. Babii. Moskva, Gosiurizdat, 1962. 63 p. (Bibliotechka rabotnika raionnogo Soveta)

Riabchuk, G.F. [Work of district soviets in the field of dwelling construction and civic improvement] Deiatel'nost' raionnogo Soveta v oblasti zhilishchnogo stroitel'stva i blagoustroistva. Otv. red. B.M. Babii. Moskva, Gosiurizdat, 1962. 58 p. (Bibliotechka rabotnika raionnogo Soveta)

SPACE BIOLOGY

Akademiia nauk SSSR. Otdelenie biologicheskikh nauk. [Problems of space biology] Problemy kosmicheskoi biologii. Pod red. N.M. Sisakiana. Moskva, Izd-vo Akad. nauk SSSR.
Vol. I. 1962. 461 p.

Biology and space flights. N.N. Zhukov-Verezhnikov, V.IA. Kop'ev. Nauka i zhizn' 29 no.9:15-20 S '62.

Birth of space biology. V.V. Parin. Priroda 51 no.10:9-11 O '62.

Model of life in the universe. L.K. Lozina-Lozinskii, ' 29 no.6:72-73 Je '62.
e. N. Sirotinin. Av i kosm. 45 no 9:

of communism. Av i kosm. 45

Av. i kosm. 45 no.9:52-56 '62.

Committee of the CPSU, the Presi- Council of the U.S.S.R., and the oviet Union. Kryl.rod. 13 no.9:

times. A. Nikolaev, P. Popovich. 9:71 '62.

ce heroes. Av. i kosm. 45 no.9-

in space. P.R. Popovich. Av. i 51 '62.

istory of communism. Kryl.rod.

le to the first group flight into ov. Av. i kosm. 45 no.10:7-

l days in space has been success- . i kosm. 45 no.9:10-19 '62.

A.A. Giurdzhian. Zdorov'e 8

spaceship. V.I. IAzdovskii. Av. i 3 '62.

New space records. I.G. Borisenko. Kryl.rod. 13 no.9 8-9 S '62.

On scientific peaceful objectives. A.G Nikolaev Av i kosm 45 no 9 45-49 '62

Reliability of technical equipment. A.A Blagonravov Av i kosm 45 no 9 13-45 '62.

Road to space has been discovered M.V Keldysh. Av. i kosm 15 no 9 10-41 '62.

Roads of spaceships. I. Morkulov. Kryl.rod. 13 no.10:4-5 O '62

Space and mathematics A Gel'fond. Av i kosm 45 no.9 83-84 '62

Space field and the area of landing N. Kamanin and others Av i kosm 45 no 9 81-70 '62

Spaceship control. V. Dobronravov. Kryl.rod. 13 no.9:12-13 S '62.

They fulfilled the task as communists should III. Gagarin Av. i kosm 15 no.9:57-59 '62

Through near-by space to universe G. Petrovich Av i kosm 45 no 6 8-12 '62

To the CPSU and peoples of the Soviet Union! To peoples and governments of all countries! To all of progressive mankind! Av i kosm. 45 no.9.3-6 '62

The "Vostok-3" spaceship is in space Av. i kosm 15 no 9 8-11 '62

The "Vostok-4" spaceship is in orbit. Group flight of Soviet spaceships. Av i kosm. 45 no.9:13-15 '62.

World scientists about the flight of A. Nikolaev and P. Popovich. Av. i kosm. 45 no.10 31-33 '62.

SPACE FLIGHT TO THE MOON

On the moon. V. D. Davydov. Nauka i zhizn' 29 no.6: 42-47 Je '62.

SPACE FLIGHT TRAINING

Astronauts. Kryl.rod. 13 no.10:2-3 O '62.

"The first astronauts and the first space scouts" by M.A. Gerd and N.N. Gurovskii. A book review. Priroda 51 no.10:108 O '62.

SPACE LAW

Space law. E. Korovin. Av. i kosm. 15 no.10:16-20 '62.

SPACE MEDICINE

Five days that shook the world. O.G. Gazenko. Nauka i zhizn' 29 no.9:2-11 S '62.

Man overcomes gravity. B. Liapunov, N. Nikolaev. Vokrug sveta no.9:4-6 S '62.

SPACE SCIENCES

Space and astronomy. B.V. Kukarkin. Priroda 51 no.10:3-7 O '62.

SPACE VEHICLES—ABSTRACTS

[Rocket engineering and space flight equipment] Ref. zhur. Otd. vyp. 41: Raket. tekh. i app. kosm. pol. nos. 21-22 N '62.

SPACES, GENERALIZED

Applying the ortspheric method to the spectral analysis of functions in real and imaginary Lobachevskii spaces I. M. Gel'fand, M. I. Graev. Trudy Mosk. mat. ob-va 11:243-308 '62.

Cartan, E.J. [Riemann geometry in an orthogonal set of linearly independent vectors. Translated from the French] Rimanova geometriia v ortogonal'nom repere. Po lektsiiam Eli Kartana, chitannym v Sorbonne v 1926-1927 gg. Perevod i red. S.P. Finikova. [Moskva] Izd-vo Mosk univ., 1960. 306 p. (RPB)

Integral operators in Lp spaces. E.I. Pustyl'nik. Dokl. AN SSSR 140 no.6:1271-1274 O '62.

Integral representation of linear operators in Orlicz spaces. N. Dinculeanu. Dokl. AN SSSR 146 no.6:1255 1258 O '62.

Order of convergence of m-singular integrals of a periodic function in generalized Lebesgue points and in an Lp (-π,π) space [in Azerbaijani with summary in Russian]. R.G. Mamedov. Izv. AN Azerb. SSR. Ser. fiz.-mat. i tekh. nauk no.2:15-26 '62.

Short-wave asymptotic behavior of Green's function outside of a bounded convex region. V.M. Babich. Dokl. AN SSSR 146 no.3:571-573 S '62.

SPAIN—CIVIL WAR, 1936-1939

Spanish wind. B. Smirnov. Kryl.rod. 13 no.10:26-28 O '62.

SPAIN—CIVIL WAR, 1936-1939—PERSONAL NARRATIVES

Maiskii, I.M. [My Spanish notebook] Ispanskie tetradi. Moskva, Voenizdat, 1962. 105 p. (Voennye memuary)

SPAIN—ECONOMIC GEOGRAPHY

Krukovskii, IU.A., and L.A. Avdeichev. [Economic geography of the Pyrenean countries; Spain and Portugal. Lecture for correspondence school students of the geographical faculties of state universities] Ekonomicheskaia geografiia Pirenejskikh stran; Ispaniia i Portugaliia. Lektsii dlia studentov-zaochnikov geograficheskikh fakul'tetov gosudarstvennykh universitetov. [Moskva] Izd-vo Mosk. univ., 1962. 78 p.

SPAIN—POLITICS AND GOVERNMENT

People of Spain will triumph. Alberto Jcovello. Ogonek 40 no.23:3 Je '62.

Spain today. Jesus Sáez. Agitator no.22:34-36 N '62.

SPAIN—STRIKES AND LOCKOUTS

People of Spain will triumph. Alberto ...wello. Ogonek 40 no.23:3 Je '62.

SPANISH AMERICA see Latin America

SPARK-EROSION MACHINING see Electric metal cutting

SPARROWS—EXTERMINATION see subdivision under Kurdayskiy District

SPECIAL LIBRARIES see Libraries, Special

SPECTROGRAPH

Classification of the spectra of auroras. V. I. Ivanchuk. Sbor. rab. po mezhdunar. geofiz. godu no. 1:58-66 '61.

Polarization of radiation and image contour of a spectrograph. A. I. Kornilov, N. I. Kozhevnikov. Soob. GAISH no. 117 15-20 '61.

SPECTROMETER

Sinaev, A. N. [Electronic systems of multichannel nuclear particle spectrometers] Elektronnye sistemy mnogokanal'nykh spektrometrov yadernykh chastits. Moskva, Gosatomizdat, 1962. 94 p.

SPECTROPHOTOMETRY

Photometric determination of neptunium by means of quercetin. E. G. Chudinov, G. N. IAkovlev. Radiokhimiia 4 no. 3:373-375 '62.

Photometric determination of neptunium by means of thoron. E. G. Chudinov, G. N. IAkovlev. Radiokhimiia 4 no. 3:375-377 '62.

Spectrophotometric and fluorimetric determination of corticosteroid hormones. E. A. Silin'sh, IA. IA. Popens, IA. A. Eidus. Izv. AN SSSR Ser. fiz. no. 10 1311-1313 O '62.

Spectrophotometric investigation of a sunspot. A. I. Kornilov. Soob. GAISH no. 117 27-56 '61.

SPECTROSCOPY—CONGRESSES

First Siberian Conference on Spectroscopy. A. V. Sechkarev. Zav. lab. 28 no. 10 1276 '62.

SPECTRUM, ATOMIC

El'iashevich, M. A. [Atomic and molecular spectroscopy] Atomnaia i molekuliarnaia spektroskopiia. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1962. 892 p.

SPECTRUM, INFRARED

Allowance for the effect of a solvent on the infrared spectrum of a substance in analytical work. V. M. Chulanovskii and others. Izv. AN SSSR Ser. fiz. no. 10 1230-1236 O '62.

Infrared spectroscopy method for determining the number of methyl and methylene groups in organic compounds containing a heteroatom. B. V. Lopatin, I. P. IAkovlev. Izv. AN SSSR, Ser. fiz. no. 10 1288-1290 O '62.

SPECTRUM, MOLECULAR

Calculation methods in molecular spectroscopy. L. A. Gribov. Izv. AN SSSR, Ser. fiz. no. 10 1226-1230 O '62.

Contours, integral and peak intensities of valence vibrations bands of the P-S bond. A. F. Vasil'ev. Izv. AN SSSR, Ser. fiz. no. 10:1278-1282 O '62.

Effect of solvents on the intensity and position of bands in the electron spectra of molecules. N. G. Bakhshiev. Izv. AN SSSR Ser. fiz. no. 10.1237-1240 O '62.

El'iashevich, M. A. [Atomic and molecular spectroscopy] Atomnaia i molekuliarnaia spektroskopiia. Moskva, Gos. izd-vo fiziko-matem. lit-ry, 1962. 892 p.

Vibrational and rotational spectra of trimethylchlorosilane, triethylchlorosilane, and triethylchlorostannane. V. F. Volkov, N. N. Vyshinskii, N. K. Rudnevskii. Izv. AN SSSR. Ser. fiz. no. 10 1282-1285 O '62.

Vibrational spectra of tin and lead organic compounds and their analytical application. N. N. Vyshinskii, IU. A. Aleksandrov, N. K. Rudnevskii. Izv. AN SSSR. Ser. fiz. no. 10:1285-1287 O '62.

SPECTRUM ANALYSIS

Chemical analysis in a minute. IU. Beliaev, L. Khitrov. Nauka i zhizn' 29 no. 6:60 Je '62.

Determining the copper concentration in NaCl-Cu phosphors by spectrum analysis. A. S. Sambueva. Izv. vys. uch. zav.; fiz. 3:79-81 '62.

Investigation of the composition of products of catalytic transformations of hydrocarbons based on Raman spectra. Kh. E. Sterin, V. T. Aleksanian. Izv. AN SSSR, Ser. fiz. no. 10:1319-1320 O '62.

Spectral density approximation by Chebyshev polynomials [with summary in English]. A. M. TSirlin. Avtom. i telem. 23 no. 11:1546-1552 N '62.

Study of the internal rotation and rotational isomerism (conformations) of molecules by spectroscopic methods. IU. A. Pentin, V. M. Tatevskii. Izv. AN SSSR, Ser. fiz. no. 10.1241-1246 O '62.

"Visual methods of emission spectral analysis" by N. S. Sventitskii. Reviewed by N. V. Butsnov. Zav. lab. 28 no. 10:1278 '62.

SPECTRUM ANALYSIS—CONGRESSES

Ural'skoe soveshchanie po spektroskopii, 3d, Sverdlovsk, 1960. [Materials of the Third Ural Conference on Spectroscopy] Materialy. Pod red. G. P. Skornialkova, A. B. Shaovicha, S. G. Bogomolova. Sverdlovsk, Metallurgizdat, 1962. 197 p.

SPEECH

Electromyographic research on "spontaneous" speech in man. N. V. Sukhanova. Dokl. APN no. 3:107-110 '62.

SPEEDOMETERS—MAINTENANCE AND REPAIR

Podshivalov, A. S. [Repair of the SL-2 speedometer, from practices of the Pechora North Railroad Depot] Remont skorostemera SL-2; iz opyta depo Pechora Severnoi zh. d. Moskva, Transzheldorizdat, 1962. 45 p.

SPHAEROPSIDALES see subdivision under Azerbaijan; Crimea

SPINAL ANESTHESIA

Causes for failures in peridural anesthesia. F. S. Tkach. Vest. khir. 89 no. 8 53-56 Ag '62.

Peridural anesthesia in surgery [with summary in English]. V. M. Tavrovskii. Vest. khir. 89 no. 8:50-53 Ag '62.

SPINAL CORD—BLOOD SUPPLY

[Vascular pathology of the brain and spinal cord; materials of a joint symposium of the nervous disease clinics of the Kishinev and Second Moscow Medical Institutes] Sosudistaia patologiia golovnogo i spinnogo mozga; materialy ob"edinennogo simpoziuma klinik nervykh boleznei Kishinevskogo i 2-go Moskovskogo meditsinskikh institutov, Kishinev, Gos. izd-vo "Kartia moldovenaske," 1962. 177 p. (DNLM)

SPINDLES (MACHINE TOOLS)

Special design of spindles of multispindle heads for machining holes with a given depth. P. V. Mynkin. Avt. prom. 28 no. 9 33-31 S '62.

SPINE—ABNORMITIES AND DEFORMITIES

Comparative evaluation of the use of various types of grafts in fixation of the spine in scoliotic children. V. D. Choklin, E. A. Abal'masova, A. G. Prokhorova. Vest. khir. 89 no. 8:8-12 Ag '62.

SPINE—FRACTURE

Fixator-clip for the surgical treatment of compression fractures of the vertebral bodies. T. A. Ramikh. Vest. khir. 89 no. 8 83-85 Ag '62.

SPINE—TUBERCULOSIS

Conservative resection of the vertebral bodies in tuberculosis of the thoracic section of the spine. D. G. Kovalenko. Vest. khir. 89 no. 8:13-17 Ag '62.

SPINEL

Determination of concentration and temperature dependence of correlation parameters of three-component spinels. A. N. Mon'. Fiz. tver. tela 4 no. 4:889-895 Ap '62.

Paramagnetic resonance of Cr^{3+} ions in spinel [with summary in English]. V. A. Atsarkin. Zhur. eksp. i teor. fiz. 43 no. 3:839-840 '62.

SPINELS

Oxidation of propylene on cobalt-manganese spinels with lithium, titanium and copper oxides added. V. R. Linde, L. IA. Margolis. Izv. AN SSSR. Otd. khim. nauk no. 10:1723-1726 O '62.

SPINNING

Effect of the twisting method on the structure of multiple ply yarns and quality characteristics of twisted products. Report No. 1. I. M. Dvernitskii. Izv. vys. uchob. zav.; tekh. tekst. prom. no. 4:48-57 '62.

SPINNING MACHINERY

Determining the transmission functions of a drafter with a comb field. L. A. Valaitis. Izv. vys. ucheb. zav. ;tekh. tekst. prom. no. 4:95-98 '62.

Drawing frame with a curved field of drafting. I. M. Bekeneva, E. P. Birina. Nauch.-issl. trudy IvNITI 25:51-55 '61.

Experimental study of the volumetric distribution of pressure in aerodynamic bearings. I. P. Solov'ev. Izv. vys. ucheb. zav. ;tekh. tekst. prom. no. 4:127-134 '62.

SPINNING MACHINERY—ELECTRIC DRIVING

Coordination of the operations of electric spindles and intake cylinders during the run and slowdown till the complete stop of a ringless twister. G. P. Arsen'eva, V. V. Kelor. Izv. vys. ucheb. zav. ;tekh. tekst. prom. no. 4: 111-121 '62.

SPINNING MACHINERY—TESTING

Studying the pressure exerted on the neck of the pressure roller of the flax spinning machine. N. M. Manaev. Izv. vys. ucheb. zav. ;tekh. tekst. prom. no. 4:141-148 '62.

SPIROCHETOSIS see subdivision under Kazakhstan

SPIROSCOPE AND SPIROSCOPY

Improved catheter for bronchospirometry. N. L. Kuprin. Grud. khir. no. 4:114-115 '62.

SPITAK DISTRICT—EROSION

Effect of plowing very steep slopes on the surface washing off and gully formation in Spitak District [in Armenian with summary in Russian]. E. Airapetian. Izv. Glav. upr. sel'khoz. nauk i podgot. kad. Arm. SSR 5 no. 7:61-71 '62.

SPLEEN

Antibody production by the spleen in vitro in the presence of antibiotics [with summary in English]. N. V. Chumachenko, E. M. Sokolova. Zhur. mikrobiol., epid. i immun. 33 no. 8.57-59 Ag '62.

SPLEEN—SURGERY

Gruzdov, D. M., and M. D. Patsiora. [Surgery in diseases of the blood system] Khirurgiia zabolevanii sistemy krovi. Moskva, Medgiz, 1962. 274 p. (DNLM)

SPLEEN—TUBERCULOSIS

Experimental tuberculosis of the spleen and its interrelation with the nervous system. G. S. Kan, E. L. Kan, K. A. Poletaeva. K izuch. roli nerv. sist. v pat., immun. i lech. tub. no. 2 40-62 '61.

SPLINTS (SURGERY)

Measured skeletal traction using the author's splint in dislocations and displacements of the cervical vertebrae. V. E. Bryk. Vest. khir. 89 no. 8:80-83 Ag '62.

SPORES (BOTANY), FOSSIL

Materials on studying fossil spores from species of the genus Chaetoceros Ehr. I. V. Makarova. Bot. mat. Otd. spor. rast. 15.11-57 Ja '62.

SPORIDESMIN

Total synthesis of sporidesmin I. M. M. Shemiakin and others. Izv AN SSSR Otd Khim nauk no. 8:1699-1700 S '62.

SPORTS

(see also subdivision under Japan)

Champions and records. A. Vit. Sov. Soluz no. 11:54 '62.

The main prize is friendship. V. Smirnov. Komsom. zhizn' no. 12.28-30 Je '62.

[Physical culture calendar for 1962] Fizkultura sesa kalendars 1962 gadam. Riga, Latvijas Valsts izdevniecība, 1962. 223 p. [In Latvian]

Why a "queen" concedes her throne. V. Pavlov. Ogonek 40 no. 43:26-27 O '62.

SPORTS—BIBLIOGRAPHY see Bibliography—Sports

SPORTS—ORGANIZATION AND ADMINISTRATION

Soiuz sportivnykh obshchestv i organizatsii SSSR. [Regulations.... Adopted by the All-Union Constituent Conference of April 18, 1959] Ustav.... Priniat Vsesoiuznoi uchreditel'noi konferentsiei 18 aprelia 1959 g. [n. p., n. d.] 14 p.

[MICROFILM]

SPORTS MEDICINE

Nemenov, A. IA., and E. I. Dmitriev. [Provision for medical aid at sports competitions; the problems of organization] Meditsinskoe obespechenie sportivnykh sorevnovanii; voprosy organizatsii. Moskva, Medgiz, 1962. 172 p. (DNLM)

SPRAY PAINTING, ELECTROSTATIC

Gots, V. L. [Slit atomizers for painting in an electrostatic field] Shchelevye raspyliteli dlia okraski v elektricheskom pole. Leningrad, 1962. 21 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia: Zashchitnye pokrytiia, no. 2)

SPRAYING AND DUSTING

Dusting and spraying by using helicopters in mountain regions. A. V. Fundikov. Les. khoz. 15 no. 6:64 Je '62.

SPRAYING AND DUSTING EQUIPMENT

The AAP-0,5 "Mikron" aerosol sprayer. N. I. Polunin. Biul. tekh.-ekon. inform. Gos. nauch.-issl. inst. nauch. i tekh. inform. no. 10.63-64 '62.

Attachment for effective use of herbicides. F. G. Stakhenko. Les. khoz. 15 no. 6:78-81 Je '62.

SPRINGS (MECHANISM)

Compressing cylindrical spiral compression springs. A. M. Trus'. Mashinostroitel' no. 10:13 O '62.

Concentration and specialization of spring manufacture in the U. S. S. R. E. M. Karlik. Vest. mashinostr. 42 no. 10:78-81 O '62.

SPRINKLER IRRIGATION

Application of sprinkler irrigation on some farms. M. I. Kapilinskii. Izv. AN Kir. SSR. Ser. est. i tekh. nauk 4 no. 1.23-36 '62.

SPRINKLERS

Some hydraulic problems with regard to the DDU-45 wide-range sprinkler. M. I. Nazarov. Izv. AN Kir. SSR. Ser. est. i tekh. nauk 4 no. 1:109-120 '62.

SPRUCE see subdivision under Carpathian Mountains; Komi A. S. S. R.

SPUTNIKS see Artificial satellites

STABILITY OF SHIPS

Akslutin, L. R. [Accident to seagoing ships from loss of stability] Avarii morskikh sudov ot poteri ostoichivosti. Moskva, Morskoi transport, 1962. 152 p.

STADIA see subdivision under Jakarta, Indonesia

STALINABAD see Dushanbe

STALINGRAD see Volgograd

STALINGRAD, BATTLE OF, 1942-1943
Beginning of a fundamental turning point. Voen. znan. 38 no.10 40 O '62

Chuikov, V.I. [One-hundred and eighty days in combat; from the notes of the commander of the 62d Army] 180 dnei v ognе srazhenii; iz zapisok komandarma 62-i. [Moskva, DOSAAF, 1962] 168 p. (CSI-H)

The 20th anniversary of the battle on the Volga; decisions of the Committee for the Defense of Stalingrad, July-November 1942. Submitted by I.I. Belonosov, M.I. Logvinova, A.M. Samsonov. Ist. arkh. 8 no.4 3-37 Jl-Ag '62.

Unparalleled heroism of the Soviet people. V. Morozov, A. Shimanskii. Komm. Vooruzh. Sil 3 no.21:19-26 N '62.

STALINGRAD PROVINCE see Volgograd Province

STALINO see Donetsk

STALINO PROVINCE see Donetsk Province

STALINSK see Novokuznetsk

STANCHITS, BORIS AFANAS'EVICH
Creative people. T. Sterkin. Sov. rad. i tel. 8 no.5: 23-24 '57.

STANDARDIZATION
(see also subdivision under Altai Territory, Kiev)
Important factors in the progressive organization of labor. T.I. Lapin. Standartizatsiia 26 no.10,39-45 O '62

Scientific technical literature and standards. V.M. Orlov. Standartizatsiia 26 no.10 60-61 O '62.

Standardization office at a machinery plant. Iu.K. Baruzdin. Standartizatsiia 26 no.10:45-46 O '62.

Voluntary committee of standardization. Z.A. Radorskaia. Standartizatsiia 26 no.10:46-49 O '62.

STANDARDIZATION—STUDY AND TEACHING see subdivision under Leningrad

STANDARDS, ENGINEERING
Changes in state standards. Biul. stroi. tekh. 19 no.10: 21-26 O '62

[Information index of standards] Inform. ukaz. stand. no 9 '62.

New standard specifications. Biul. stroi. tekh. 19 no.9: 25-29 S '62.

New standards. Biul. stroi. tekh. 19 no.10 23-24 O '62.

STANDARDS OF MASS
Evaluation of errors occurring in comparing copy-standards with the original standard of mass unit of the U.S.S.R and some changes in using them. N.A. Smirnova. Trudy inst. Kom. stand. mer i izm. prib. no 57:91-100 '62.

STANOVOY RANGE—PETROLOGY
Origin of ancient Stanovoy granitoids. M.D. Krylova. Geol i geofiz no.8 28-40 '62.

STAPHYLOCOCCAL INFECTIONS
Some changes in the blood of laboratory animals poisoned by staphylococcus enterotoxin. O.H. Ostashevskyi, I.I. Kotenko. Visnyk sil'hosp. nauky 5 no.9: 123 S '62.

STAPHYLOCOCCUS
Methods for detecting staphylococcal enterotoxin. D. Bail'ozov, M. Panaiotova, V. Veselinov. Zhur. mikrobiol., epid. i immun. 33 no.8:101-104 Ag '62.

STARCH
Mechanism of enzymatic breakup of starch in the intestine. P. De Laey, N.N. Iezuitova. Dokl. AN SSSR 146 no.3 731-733 S '62.

Radiation chemistry of starch. V.F. Oreshko and others. Izv. vys. ucheb. zav., pishch. tekh. no.5,32-37 '62.

STARCH INDUSTRY
The raw products of the new crop must be processed by the starch and molasses factories in an exemplary way. Sakh. prom. 36 no.10:1-5 O '62.

STARCH PRODUCTS
Technological flow scheme of the manufacture of potato starch tapioca on a continuous production line. G.I. Denisova, L.F. Turtsevich. Sakh. prom. 36 no.10: 66-70 O '62.

STARS—OBSERVATIONS
Polarization observations of β Coronae Borealis [with summary in English]. R.A. Vardanian. Soob. Biur. obser. no.30:67-76 '62.

STARS—SPECTRA
Some characteristics of stars with intensified metallic lines [with summary in English]. T.N. Kuznetsova. Izv. GAO 22 no.2:139-147 '61.

STARS, DOUBLE
May novae be classified as binaries? Iu.N. Efremov. Priroda 51 no.10:106-107 O '62.

STARS, NEW
Luminescence of the shell of a nova behind the front of a shock wave [with summary in English]. V.G. Gorbatskii. Vest. LGU 17 no.19:112-123 '62.

STARS, VARIABLE
Lavrov, M.I. [Some statistical regularities of variable stars and their physical interpretation] Nekotorye statisticheskie zakonomernosti u zatmennykh peremennykh zvezd i ikh fizicheskoe istolkovanie. Kazan', 1955. 63 p. (Kazan. Universitet. Astronomicheskaia observatoriia. Biulleten', no.31)

STATE AND CHURCH see Church and state

STATE FARMS
(see also subdivision under Estonia, Kazakhstan, Omsk Province; Virgin Territory)
Rasporkin, F.P., comp. [Rural trade-union work] Profsoluznaia rabota na sele. [Moskva] Profizdat, 1960. 197 p. (NNC)

STATE FARMS—ACCOUNTING
(see also subdivision under Leningrad Province; Poltava Province, Ryazan Province)
The operational-balance sheet method of accounting for materials on a state farm. I.S. Kozlov. Uchet i fin. v kolkhoz. i sovkhoz. 19 no.10:9-15 O '62.

Special features of mechanizing the accounting for labor and wages on state farms with a diversified economy. M. Rapoport. Bukhg. uchet 19 no.6 56-61 Je '62

STATE FARMS—COSTS
State farm reduces production costs. G.N. Korkh. Uchet i fin. v kolkhoz. i sovkhoz. 19 no.10:35-38 O '62.

STATE FARMS—FINANCE
(see also subdivision under Ukraine)
Improve the planning of capital investments on state farms. Kh. Iaskovych. Stil'. bud. 12 no.10 21 O '62.

STATE FARMS—INVENTORIES
(see also subdivision under Moscow Province)
Inventory is the basis for improving accounting. P.I. Eliseev. Uchet i fin. v kolkhoz. i sovkhoz. 19 no.10. 8-9 O '62.

STATE FARMS—LABOR PRODUCTIVITY see subdivision under Ukraine

STATE FARMS—MANAGEMENT
(see also subdivision under Fedorovka District, Kustanay Province; Kazakhstan)
Disseminate the practice of the "Gigant" State Farm among all farms of the country. D. Angel'ov, V. Ter-Danielian. Ekon. sel'khoz. 33 no.9:60-68 S '62.

Necessary regulation on state (collective) farm economist. P. Romanov. Ekon. sel'khoz. 33 no.9:113-111 S '62.

STATE FARMS—PRODUCTION STANDARDS see subdivision under Kaliningrad District (Moscow Province)

STATES, NEW
Ways of social and political development of the former colonial and "semicolonial" countries in the light of the new program of the CPSU. A. Iurchenko. Mat. i soob. Issl. otd. Inst. po izuch. SSSR no.32/33:1-19 F-Mr '62.

STATIONS, RAILROAD see Railroads—Stations

STATISTICAL ASTRONOMY
Lavrov, M.I. [Some statistical regularities of variable stars and their physical interpretation] Nekotorye statisticheskie zakonomernosti u zatmennykh peremennykh zvezd i ikh fizicheskoe istolkovanie. Kazan', 1955. 63 p. (Kazan. Universitet. Astronomicheskaia observatoriia. Biulleten', no.31)

STATISTICAL MECHANICS
Green's functions and their spectral representations in the statistical mechanics of classical systems. N.N. Bogoliubov (Jr.), B.I. Sadovnikov. Vest. Mosk. un. Ser. 3 Fiz., astr. 17 no.5:54-61 S-O '62.

STATISTICS
Egermayer, F., V. Gruzin, and V. Vlakh. [Fundamentals of statistics. Translated from the Czech] Osnovy statistiki. Pod red. T.I. Slemzinoi i O.E. Rozenfalia. Moskva, Gosstatizdat, 1961. 375 p. (MH)

Statistical problems discussed in newspapers and journals. Vest. stat. no.10:72-73 '62.

STATISTICS—CONGRESSES
Important landmark in the history of Soviet statistics; on the 40th anniversary of the Third All-Union Congress of Statisticians. S. Gurevich. Vest. stat. no.10:31-38 '62.

STAVROPOL—RADIO IN AGRICULTURE
To portray life more fully. T. Klimenko. Sov. rad. i tel. 6 no.4:18-20 '57.

STAVROPOL—RADIO IN INDUSTRY
To portray life more fully. T. Klimenko. Sov. rad. i tel. 6 no.4:18-20 '57.

STAVROPOL TERRITORY—MENTAL ILLNESS
Incidence of primary neuropsychiatric disease among the population of Stavropol Territory. I.A. Bogdanova. Trudy Gos. nauch.-issl. inst. psikh. [illegible] '61

STEALING
A "wise decision" of Leningrad judges. V. Il'inyi. Sov. iust. no.20,28 O '62.

STEAM
Heat emission during filmy condensation of stationary steam in a horizontal pipe. L.D. Berman, Iu.A. Tumanov. Izv. vys. ucheb. zav., energ. 5 no.9:86-93 S '62.

STEAM BOILERS see Boilers

STEAM BOILERS, MARINE see Boilers, Marine

STEAM TURBINES
(see also subdivision under Kharkov)
Study of humidity control in turbine stages. K.M. Iablonik. Izv. vys. ucheb. zav., energ. 5 no.9:81-85 S '62.

What type of units should be selected for the development of our power stations? Iu.N. Finkelʹman. Teploenergetika 9 no.11:37-40 N '62.

STEAM TURBINES—TESTING
Experimental dynamic characteristics of the TP-80 boiler - TPT-50 turbine block. V.N. Levitskii, I.G. Soboleva. Teploenergetika 9 no.11:31-35 N '62.

Method of determining the nominal heating of water in preheaters. Z.F. Nemtzev. Teploenergetika 9 no.11 32-33 N '62.

STEAM TURBINES, MARINE
Zakharov, A.M., and V.S. Markov. [Steam power plants on river-going vessels and an increase in the efficiency of their operation] Parosilovye ustanovki rechnykh sudov i povyshenie effektivnosti ikh raboty. Moskva, Izd-vo "Rechnoi transport," 1961. 207 p.

STEAMPIPES
Heat emission during filmy condensation of stationary steam in a horizontal pipe. L.D. Berman, Iu.A. Tumanov. Izv. vys. ucheb. zav., energ. 5 no.9:86-93 S '62.

Russia (1923- U.S.S.R.) Komitet po nadzoru za bezopasnym vedeniem rabot v promyshlennosti i gornomu nadzoru. [Regulations for the installation and safe operation of piping for steam and hot water, mandatory for all ministries and departments] Pravila ustroistva i bezopasnoi ekspluatatsii truboprovodov para i goriachei vody. Obiazatel'ny dlia vsekh ministerstv i vedomstv. Izd.4. Moskva, Gosgortekhizdat, 1961. 39 p.

STEATITE—ELECTRIC PROPERTIES
Effect of the composition, thermal and electrolytic treatment on the dielectric properties of steatite ceramics. K.A. Vodop'ianov, B.G. Kutov. Izv. vys. ucheb. zav., fiz 3:56-61 '62.

STEEL
Improving the quality of low-carbon steel for cold-rolled sheets. D.A. Litvinenko. Biul. tekh.-ekon. inform. Gos. nauch.-issl. inst. nauch. i tekh. inform. no.10 13-16 '62.

STEEL—ANALYSIS
Studying chemical heterogeneity in ingots of killed steel. N.G. Bogdanova, V.N. Maslova. Stal' 22 no.10 907 909 O '62.

STEEL—BRITTLENESS
Critical temperature of brittle failure in induction hardened steel. T.N. Nazarova. Metalloved. i termich. obr. met. no.10:19-22 O '62.

STEEL—CORROSION
Corrosion resistance of steel oxidized in water vapors. V.A. Tikov, S.I. Gomziakova. Stan. i instr. 33 no.10. 35-38 O '62.

STEEL—ELECTROMETALLURGY
Investigating a new procedure for the smelting of ShKh15 steel in electric furnaces. P.M. Danilov. Stal' 22 no.10:912-915 O '62.

Sapko, A.I. [Tender and operator of an electric steel smelting shop] Slesar'-mekhanik elektrostaleplavil'nogo tsekha. Moskva, Metallurgizdat, 1962. 190 p.

STEEL—FATIGUE
Methods of testing for thermal fatigue in a uniaxial state of stress. N.D. Sobolev, V.I. Egorov. Zav. lab. 28 no.10:1238-1242 '62.

STEEL—HARDENING
Gersator, V.N. [Increasing the load capacity of general-purpose reducing gears by the use of high frequency current for the hardening of pinion teeth] Povysheniе nagruzochnoi sposobnosti reduktorov obshchego naznacheniia za schet primeneniia TVCh dlia ob'emnoi zakalki zub'ov shesterni. Leningrad, 1962. 16 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia: Mekhanicheskaia obrabotka metallov, no.17)

Increasing the carrying capacity of spiral involute gears by hardening pinion teeth with induction heating. V.N. Gersator. Vest. mashinostr. 42 no.10:7-12 O '62.

STEEL—HEAT TREATMENT

Effect of heat treatment on the heat conductivity, electric resistance and Lorenz number of low-alloy chromium-molybdenum steels. B. I. Neimark, T. I. Bykova. Teploenergetika 9 no. 11 54-58 N '62

Effect of holding during the induction tempering of low-carbon steel. M. A. Krishtal, B. A. Gorlachev. Izv. vys. ucheb. zav. chern. met. 5 no. 9:178-179 '62

[Metallography and the heat treatment of steel] Metallovedenie i termicheskaia obrabotka stali; spravochnik. Izd. 2., perer. i dop. Pod red. M. L. Bernshteina i A. G. Rakhshtadta. Moskva, Metallurgizdat, Vol. 2. 1962. 1656 p.

Popov, A. A. [Theoretical basis of the chemical and heat treatment of steel] Teoreticheskie osnovy khimiko-termicheskoi obrabotki stali. Sverdlovsk, Metallurgizdat, 1962. 116 p.

Warping of parts during heat treatment. K. D. Nekrasov. Metalloved. i term. obr. met. no. 10 57-60 O '62.

STEEL—HYDROGEN CONTENT

Karpenko, G. V., and R. I. Kripiakevich. [Effect of hydrogen on the properties of steel] Vliianie vodoroda na svoistva stali. Moskva, Metallurgizdat, 1962. 105 p. [MICROFILM]

STEEL—METALLOGRAPHY

Abrasive wear and the microstructure of steel. A. G. Shchulepnikova. Metalloved. i term. obr. met. no. 10 5-8 O '62.

[Metallography and the heat treatment of steel] Metallovedenie i termicheska obrabotka stali; spravochnik. Izd. 2., perer. i dop. Pod red. M. L. Bernshteina i A. G. Rakhshtadta. Moskva, Metallurgizdat. Vol. 2. 1962. 1656 p.

STEEL—METALLURGY

Desulfuration of open-hearth converter iron by lime mixtures in vacuum. V. M. Pobegailo, A. M. Samarin, A. E. Khlebnikov. Izv. AN SSSR. Otd. tekh. nauk. Met. i topl. no. 5:17-21 '62.

Expanding the smelting of steel in oxygen-blown converters. S. G. Afanas'ev. Metallurg 7 no. 11:5-6 N '62.

Kinetic characteristics of the initial stage of the decarburization of molten iron. V. V. IAkovlev, S. I. Filippov. Izv. vys. ucheb. zav. chern. met. 5 no. 9:21-30 '62

Molten-slag electric steel smelting. G. P. Malikov. Biul. tekh.-ekon. inform. Gos. nauch.-issl. inst. nauch. i tekh. inform. no. 10 8-13 '62.

Polarkov, A. M. [Steelmaking] Proizvodstvo stali. Izd. 2., ispr. i dop. Khar'kov, Metallurgizdat, 1962. 520 p.

Prokhorenko, K. K. [Slag conditions in steel smelting] Shlakovyi rezhim pri vyplavke stali. Moskva, Metallurgizdat, 1962. 242 p.

Thermodynamics of steel deoxidation by lanthanum, cerium, praseodymium, and neodymium. G. Kinne, A. F. Vishkarev, V. I. IAvoiskii. Izv. vys. ucheb. zav., chern. met. 5 no. 9:92-98 '62.

STEEL—PICKLING

Effect of the conditions of steel rod cooling on the pickling process. A. P. Chekmarev, IU. V. Goncharov. Nauch. trudy DMI no. 48:292-298 '62.

STEEL—QUENCHING

Kovshikov, E. K. [Device for signaling the time of holding parts in quenching media during intermittent hardening] Signalizator prodolzhitel'nosti vyderzhki detalei v okhlazhdaiushchikh sredakh pri preryvistoi zakalke. Leningrad, 1962. 10 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia Metallovedenie i termicheskaia obrabotka, no. 6)

STEEL—TESTING

Correlation between the fatigue limit, the strength limit, and other mechanical characteristics of steels and alloys. A. Bukh. Metalloved. i term. obr. met. no. 10: 28-37 O '62.

Determination of actual yield points in steel by hot torsion. A. P. Chekmarev, A. P. Kachailov. Trudy Inst. chern. met. AN URSR 17:83-88 '62.

Investigation of the contact strength of rail steel. I. V. Navrotskii, S. I. Makukhin. Zav. lab. 28 no. 10:1243-1245 '62

Measuring the smoothness of rubbing surfaces in alkaline and sulfate solutions and the effect of the stressed state on the wear resistance of steel. I. V. Vasil'ev. Trudy Sem. po kach. poverkh. no. 5:271-276 '61

Methods for evaluating the resistance of rail steel to destruction under the impact of repeated plastic deformations. V. N. Danilov. Zav. lab. 28 no. 10 1248-1250 '62.

Stress-rupture strength of steel in liquid sodium containing oxygen. V. I. Nikitin. Fiz. met. i metalloved. 14 no. 4:613-617 O '62.

Study of the relationship between the mechanical properties of steel and its composition by the method of mathematical statistics. V. A. Chernikov. Zav. lab. 28 no. 10:1217-1220 '62.

Test sets for determining the contact strength of rail steels. IU. V. Grdina, L. V. TSarapkin, E. G. Il'iushko. Zav. lab. 28 no. 10:1250-1251 '62.

STEEL—WELDING

Reaction of improved 12MKh and 12KhMF steels to the thermal cycle in welding. E. M. Kuzmak, V. A. Kroshkin. Avtom. svar. 15 no. 11 44-50 N '62

STEEL, STAINLESS

Isachenkov, E. I. [Sheet-metal work for the making of stainless steel parts] Shtampovka detalei iz nerzhaveiushchei stali. Pod obshchei red. V. P. Romanovskogo. Moskva, Mashgiz, 1962. 53 p. (Bibliotechka shtampovshchika, no. 9)

Machinability of stainless steel. N. P. Golubov, V. A. Dumanskaia. Vest. mashinostr. 42 no. 10:73 O '62.

STEEL, STAINLESS—CORROSION

Control of corrosion cracking of austenite steel in water containing chlorides. V. V. Gerasimov, G. S. Moskvichev. Teploenergetika 9 no. 11:67-68 N '62

STEEL, STAINLESS—WELDING

Electric arc welding of corrosion resistant OKh21N6M2T ferritic-austenitic steel. N. I. Kakhovskii and others. Avtom. svar. 15 no. 11 16-21 N '62

Welding stainless steel strips in rolling practice. I. G. Gorin. Svar. proizv. no. 10:28-30 O '62.

STEEL, STRUCTURAL

Construction of large gasholders out of rolls of steel. B. V. Popovskii, G. V. Linevich, M. F. Kurochkin. Mont. i spets. rab. v stroi. 24 no. 10 4-8 O '62.

Quality of structural steel refined in the ladle by liquid synthetic slag. L. N. Davydova. Stal' 22 no. 10:939-944 O '62.

STEEL, STRUCTURAL—FATIGUE

Fatigue strength of chromium coated structural steel. A. P. Grabovetskii. Metalloved. i term. obr. met. no. 10 22-23 O '62.

STEEL, STRUCTURAL—METALLOGRAPHY

Interaction between dissimilar steels in liquid tin. B. I. Bruk, R. N. Grishmanovskaia, V. G. Markov. Izv. AN SSSR. Otd. tekh. nauk. Met. i topl. no. 5:212-219 S-O '62.

STEEL, STRUCTURAL—WELDING

Improving the quality of steels and alloys for important welded structures. B. E. Paton, B. I. Medovar. Avtom. svar. 15 no. 11 1-7 N '62

STEEL ALLOYS—STANDARDS

Alloyed steel. D. A. Smoliarenko, A. S. Kaplan. Standartizatsiia 26 no. 10,50-52 O '62.

STEEL ALLOYS—TESTING

Accumulation and curing of damages occurring in pearlite steel during the process of operation. O. A. Antikaino. Teploenergetika 9 no. 11:58-62 N '62.

Pridantsev, M. V. [Effect of impurities in rare earth elements on the properties of alloys] Vliianie primesei i redkozemel'nykh elementov na svoistva splavov. Moskva, Metallurgizdat, 1962. 200 p.

STEEL INDUSTRY

(see also subdivision under Cheliopovets, Georgia, Germany, East)

Sukhanov, N. I. [How to organize business accounting in workshops and brigades] Kak organizovat' khozistvennyi raschet v tsekhakh i brigadakh. Moskva, Metallurgizdat, 1962. 55 p.

STEEL INDUSTRY—FINANCE

(see also subdivision under Dnepropetrovsk Province; Zaporozh'ye)

Andreev, A. A. [Capital assets, amortization and capital repairs in ferrous metallurgy] Osnovnye fondy, amortizatsiia i kapital'nyi remont v chernoi metallurgii. Moskva, Metallurgizdat, 1962. 61 p.

STEEL INDUSTRY—LABOR PRODUCTIVITY

(see also subdivision under Novosibirsk)

Indices of physical labor productivity in ferrous metallurgy. IA. Kats. Sots. trud 7 no. 10:41-43 O '62.

STEEL INGOTS

Investigating heat processes in the riser head of a killed steel ingot. IA. M. Levitasov, A. A. Kazakov. Stal' 22 no. 10:900-902 O '62

STEEL INGOTS—TESTING

Studying chemical heterogeneity in ingots of killed steel. N. G. Bogdanova, V. N. Maslova. Stal' 22 no. 10 907-909 O '62.

STEEL PIPE see Pipe, Steel

STEELWORKERS see Iron and steel workers

STEELWORKS see Iron and steel plants

STEENSTRUPINE

Thorosteenstrupine, a new thorium silicate. I. I. Kuprianova, T. I. Stoliarova, G. A. Sidorenko. Zap. Vses. min. ob-va 91 no. 3:326-330 '62

STEL'MAKH, MYKHAILO PANASOVYCH, 1912-

Criticism of the novel "Truth and falsehood" (to be continued). M. D. Bernshtein. Rad. lit. 6 no. 4:3-20 Jl-Ag '62.

Interuniversity Academic Conference devoted to the problems of the Soviet Ukrainian novel and the works of Mykhailo Stel'makh. V. P. Safenko. Rad. lit. 6 no. 4:152-154 Jl-Ag '62.

"On Mykhailo Stel'makh." Reviewed by V. Perepelitsa. Sov. Ukr. no. 9, 178-179 S '62.

STEPASHKINA, KLAVDIIA IVANOVNA, 1912-

K. I. Stepashkina; on her 50th birthday. Vrach. delo no. 10:157 O '62.

STEPPE FLORA see subdivision under Tien Shan

STEREOCHEMISTRY

Stereochemistry of heterocyclic compounds. Report No. 11: Effect of substitution at the nitrogen atom on the configuration of 4-decahydroquinolones and the stereochemistry of some nucleophilic reactions at a keto group. E. A. Mistriukov, N. I. Aronova, V. F. Kucherov. Izv. AN SSSR. Otd. khim. nauk no. 8 1599-1604 S '62.

Unsaturated acids and macrocyclic lactones. Report No. 4: Diastereoisomeric 2, 3-dihydroxy-2-methylpentanoic acids and their cleavage to antipodes. L. D. Bergel'son and others. Izv. AN SSSR. Otd. khim. nauk no. 9 1612-1617 S '62

STEREOPHONIC SOUND SYSTEMS

Filming and synchronous recording of motion pictures on wide (70 mm) films [with summary in English on p. 86]. M. Z. Vysotskii, B. N. Konoplev, I. M. Ursantsev. Tekh. kino. i telev. 6 no. 9:20-32 S '62.

STEREOTYPING

Print blanks from rubber stereotypes. I. Davydov, P. Savelov. Poligr. proizv. no. 10 24-25 O '62

STERLITAMAK—MACHINE-TOOL INDUSTRY

An area of communist labor. A. I. Demichev. Mashinostroitel' no. 10 1-5 O '62.

STERLITAMAK—ROAD CONSTRUCTION

Achievements of road constructors in Sterlitamak. M. Pinkiev. Avt. dor. 25 no. 10:30 O '62

STEROIDS

Significance of the determination of 17-ketosteroids in surgical patients. A. T. Pulatov. Vest. khir. 89 no. 8:43-49 Ag '62.

Urinary excretion of neutral 17-ketosteroids in dysentery. N. V. Malinina. Vrach. delo no. 10:127-128 O '62.

STEROIDS—SPECTRA

Determination of the number of hydroxyl and carbonyl groups in steroids by the band intensity in infrared spectra. G. G. Dvoriantseva, IU. N. Sheinker. Izv. AN SSSR. Ser. fiz. no. 10:1290-1295 O '62.

STILBENE

Synthesis of 5-stilbenyl-1,3-diphenyl-Δ^2-pyrazoline. K. A. Kovyrzina, L. A. Radaikina, E. E. Baroni. Zhur. VKHO 7 no. 5:502-503 '62.

STINK BUGS see subdivision under Azerbaijan

STOCK AND STOCKBREEDING

(see also subdivision under Dokshitsy District; Europe, Eastern; Fergana; Kazakhstan, Khmel'nitskiy Province, Kirghizistan, Prilukskiy District; Ryl'sk region; Soviet Central Asia; Ukraine, Western; Vinnitsa Province)

[Agriculture abroad: Animal husbandry] Sel'. khoz. za rub.: Zhivotnovodstvo 8 no. 10 '62.

Forms of stockbreeding and the nomads. S. I. Rudenko. Mat. po Otd. etn. Geog. ob-va SSSR no. 1:2-15 '61.

Leonov, N. I., G. K. Skriabin, and K. M. Solntsev. [Antibiotics in animal husbandry] Antibiotiki v zhivotnovodstve. Moskva, Sel'khozizdat, 1962. 231 p. (DNAL)

Let us lower the cost of production of livestock products. G. Abramov. Part. zhizn' no. 22:22-30 N '62.

Soroko, IA. I. [Everyday work of a zootechnician; a sketch] Budni zootekhnika; ocherk. Moskva, Izd-vo "Znanie," 1962. 46 p. (Novoe v zhizni, nauke, tekhnike. V Seriia: Sel'skoe khoziaistvo, no. 17)

System for cleaning livestock. D. Turlian. Tekh. v sel'khoz. 22 no. 8:26-30 Ag '62.

STOCK AND STOCKBREEDING—COSTS

(see also subdivision under Kirghizistan; Poltava District, Poltava Province)

How the increase in state purchasing prices for cattle and poultry benefits the collective farms of the R.S.F.S.R. I. Lobedev. Ekon. sel'khoz. 33 no. 8: 38-42 Ag '62.

STOCK AND STOCKBREEDING—LABOR PRODUCTIVITY

see subdivision under Ozersk District

STOCK AND STOCKBREEDING—STUDY AND TEACHING

Shalnev, V. F., E. D. Gogoleva, and S. A. Kivotov. [Correlation between zoology lessons and practical work of students in rabbit husbandry] Vzaimosviaz' urokov zoologii s prakticheskimi rabotami uchashchikhsia po krolikovodstvu. Moskva, Izd-vo Akad. pedagog. nauk RSFSR, 1961. 52 p. (DNAL)

STOCK AND STOCKBREEDING—TRANSPORTATION

Conversion of cattle hauling trucks. TS. Frankovskii, M. Khabibullin. Tekh. v sel'khoz. 22 no. 8:26-27 Ag '62.

STOCK COMPANIES—STATISTICS

Statistics of stock companies in prerevolutionary Russia. L. E. Shepelev. Trudy LOII AN SSSR. no. 4 165-207 '62.

STOMACH

Effect of the adrenocorticotropic hormone (ACTH) and cortisone on the secretory and motor function of the stomach. A. D. Kachanov. Trudy Len khim.-farm. inst. no. 13 233-244 '61.

Effect of the adrenocorticotropic hormone (ACTH), cortisone, and butadione on the course of experimental dystrophy of the stomach. A. D. Kachanov. Trudy Len khim.-farm. inst. no. 13:229-232 '61.

Simple method for the simultaneous graphic registration of the tonus, motility and evacuatory function of the stomach. IU. K. Vasilenko. Uch. zap. Pyat. gos. nauch.-issl. bal'n. inst. 3:380-384 '60.

STOMACH—CANCER

Blood sugar in gastric cancer patients [with summary in English]. P. A. Pavlenko, V. D. Krivoruchko, N. B. Krynskaia. Sov. med. 26 no. 8:63-67 Ag '62.

Gummatous hepatitis simulating cancer of the stomach. M. L. Livshits. Vrach. delo no. 10:137-138 O '62.

STOMACH—DISEASES

Ascorbic acid metabolism in patients with chronic stomach diseases. IU. F. Koval'. Voen.-med. zhur. no. 9:82 S '61.

Examination of military personnel in peptic ulcer and chronic gastritis. B. A. Smuzikov, V. V. Nikiforov. Voen.-med. zhur. no. 9:52-54 S '61.

STOMACH—INFLAMMATION

Breitman's test as an index of vegetative changes in chronic gastritis. N. K. Vasil'eva. Uch. zap. Pyat. gos. nauch.-issl. bal'n. inst. 3:59-66 '60.

Change in the content of nitrogen substances in the gastric juice of dogs in experimental gastritis with the subsequent use of a high concentration of radon water. L. A. Ul'm. Uch. zap. Pyat. gos. nauch.-issl. bal'n. inst. 3:29-37 '60.

Current state of the problem of experimental gastritis. V. L. Gubar'. Vop. pit. 21 no. 3:72-79 My-Je '62.

Diagnosis of chronic gastritis in children. N. M. Smirnov. Pediatriia no. 8:21-25 '62.

Effect of experimental gastritis on the rate of movement into the large intestine of food subjected to different mechanical processing [with summary in English]. V. I. Alieva. Vop. pit. 21 no. 3:68-71 My-Je '62.

Effect of radon water with a high radon content on the normal secretory function of the stomach and in experimental (burn) gastritis. V. M. Deribina. Uch. zap. Pyat. gos. nauch.-issl. bal'n. inst. 3:38-47 '60.

Effect of radon waters of varying concentrations on some indices of neurohumoral regulation in chronic gastritis. R. L. Blokh, N. K. Vasil'eva, A. G. Saakian. Uch. zap. Pyat. gos. nauch.-issl. bal'n. inst. 3:48-58 '60.

Some problems in the method of crenotherapy in disorders of the motor function of the stomach in chronic gastritis. A. G. Saakian. Uch. zap. Pyat. gos. nauch.-issl. bal'n. inst. 3:96-106 '60.

STOMACH—INNERVATION

Reception by the stomach and the regulation of feeding behavior in dogs. V. N. Chernigovskii. Biul. MOIP. Otd. biol. 67 no. 5:150-151 S-O '62.

STOMACH—MOTILITY

Use of the method of acupuncture on the auricula ["Er-Chzhen'-Liao" [Erh-Chên-Liao]) for the differential diagnosis and therapy of disorders of the motor evacuatory function of the stomach [with summary in English]. IA. M. Balaban, L. G. Rozenfel'd. Vrach. delo no. 10:96-98 O '62.

STOMACH—SECRETIONS

Effect of radon water with a high radon content on the normal secretory function of the stomach and in experimental (burn) gastritis. V. M. Deribina. Uch. zap. Pyat. gos. nauch.-issl. bal'n. inst. 3:38-47 '60.

Periodic fluctuations of the intragastric temperature and the periodic motor function of the empty stomach in true gastric achylia [with summary in English]. A. I. Kravchenko. Vrach. delo no. 10:91-95 O '62.

STOMACH—SURGERY

Combined gastric resection in peptic ulcer [with summary in English]. V. T. Natsvin. Sov. med. 26 no. 8:56-60 Ag '62.

Pleuropulmonary complications following transthoracic operations on the esophagus and cardia; clinical X-ray observations [with summary in English]. K. B. Krymova, R. R. Golonzko, T. V. Kotlukova. Grud. khir. no. 4:89-95 Jl-Ag '62.

Specific dynamic action of food after total resection of the stomach in man [with summary in English]. A. P. Borisov, G. F. Harkova. Vop. pit. 21 no. 3:32-37 My-Je '62.

Surgery on the cardia and lower segment of the esophagus with preservation of the arcus costarum [with summary in English]. P. N. Napalkov, A. U. Krasner. Grud. khir. no. 4:82-89 Jl-Ag '62.

STOMATA

Structure of stomata and epidermal cells in magnolias as related to the taxonomy of the genus Magnolia L. [with summary in English]. M. A. Baranova. Bot. zhur. 47 no. 8:1108-1115 Ag '62.

STOMATOLOGY see subdivision under Kiev

STOMATOLOGY—STUDY AND TEACHING

Teaching of public health organization in the stomatology department. L. E. Golovchiner. Zdrav. Ros. Feder. 6 no. 9:25-27 S '62.

STONE

Kil'dema, K. T. [Improving the utilization of stony lands] Ob uluchshenii ispol'zovaniia kamenistykh zemel'. Leningrad, Sel'khozizdat, 1962. 116 p. (DNAL)

STONE, CAST

Use of cinders from electric power plants for stone casting. V. A. Dorofeev, I. E. Lipovskii. Energetik 10 no. 8:12-14 Ag '62.

STONE AND ORE BREAKERS

Devices for finding and separating out metal at stone crushing plants. V. IA. Grinshtein, V. F. Kostolonov. Stroi. mat. 8 no. 9:15-17 S '62.

STONE FRUIT

Nature and the degree of flower bud damages by low temperatures in stone fruits. G. G. Fetisov, G. A. Filimonova. Agrobiologiia no. 3 377-382 My-Je '62.

STOPING (MINING)

(see also subdivision under Krivoy Rog Basin)

Correlation analysis of the mechanization of stoping operations. F. T. Gaponenko. Ugol' 37 no. 10 39-42 O '62.

Technical progress is the basis for increasing labor productivity. A. R. Chernenko. Izv. vys. ucheb. zav., gor. zhur. no. 10:8-12 '61.

STORAGE BATTERIES

Action of the β-radiation of a S^{35} sulfur isotope on the characteristics RG -type lead storage batteries. V. E. Manoilov, G. P. Tolmachev. Izv. LETI 59 no. 46, 319-327 '62.

A device facilitating the pouring of acid. G. Rysin. Tekh. v sel'khoz. 22 no. 8:60 Ag '62.

Selenium rectifiers for continuous charging of storage batteries. K. F. Kharitonov, G. S. Mikhailov, M. P. Grobivker. Energetik 10 no. 8:16-17 Ag '62.

STORES, RETAIL

Akademiia stroitel'stva i arkhitektury SSSR. Institut obshchestvennykh zdanii. [Retail trade enterprises; handbook on their design] Predpriiatiia roznichnoi torgovli; posobie po proektirovaniiu. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1962. 231 p.

STRAIN GAUGES

The AI-1 and AI-2 automatic deformation measurers. A. M. Rubinchik. Trudy TSNIISK no. 14:96-122 '62.

The AR-1 automatic deformation recorder. A. M. Rubinchik. Trudy TSNIISK no. 14:123-130 '62.

Calculating temperature characteristics of a wire strain gauge. D. L. Modlin. Izm. tekh. no. 10:20-30 O '62.

Electronic 24-channel line strain gauge. D. S. Baranov. Trudy TSNIISK no. 14:85-95 '62.

Errors in measuring static stresses in rotating parts. V. M. Dolinskii. Izm. tekh. no. 10:33-35 O '62.

Introduction. Trudy TSNIISK no. 14:5-7 '62.

Method and some results of studying microscopic wire for electrotensiometric measurements. A. B. Renskii. Trudy TSNIISK no. 14:8-26 '62.

Strain gauges without transverse sensitivity; their manufacture and use. A. B. Renskii. Trudy TSNIISK no. 14:27-39 '62.

Strain-measuring bridge with resistance boxes. E. S. Ostornik. Izm. tekh. no. 10:27-29 O '62.

Tensometric measurement of pressure. V. I. Pechuk and others. Khim. prom. [Ukr.] no. 1:47-52 Ja-Mr '62.

STRAINS AND STRESSES

Calculating stresses and deformations of tight flanged joints of annular parts of hydraulic turbines. A. U. Bugov. Probl. proch. v mashinostr. no. 9:73-86 '62.

Concentration of fit stresses around holes. A. G. Ugodchikov. Probl. proch. v mashinostr. no. 9:5-14 '62.

Effect of technological errors on fit stresses. A. G. Ugodchikov. Probl. proch. v mashinostr. no. 9:15-24 '62.

Flexure of resilient cylinders. K. V. Solianik-Krassa. Izv. LETI 59 no. 46:184-216 '62.

Kravchenko, B. A. [Forces, residual stresses and friction during metal cutting] Sily, ostatochnye napriazheniia i trenie pri rezanii metallov. [Kuibyshev] Kuibyshevskoe knizhnoe izd-vo, 1962. 178 p.

Measuring the stress acting on the shaft line thrust bearing during ship operations. L. Khak, V. IAtsenko. Mor. flot 22 no. 10:25-28 O '62.

Phenomena of anomalous stress relaxation in beryllium bronze. V. IA. Zubov, S. V. Grachev. Fiz. met. i metalloved. 14 no. 4:602-607 O '62.

Possibility of the transition from a generalized plane stressed state to an axisymmetrical state. IU. D. Vaipov. Probl. proch. v mashinostr. no. 9:24-41 '62.

Proskuriakov, V. B. [Using the method of photoelasticity in solving engineering problems] Ispol'zovanie metoda fotouprugosti pri reshenii inzhenernykh zadach. Moskva, Gosenergoizdat, 1962. 47 p. [MICROFILM]

Strains and stresses in a cyclic age-hardening medium. V. V. Moskvitin. Dokl. AN SSSR 146 no. 4:[illegible] '62.

Strains in a conveyer belt while passing over the carrying rollers. O. G. Karbasov. Izv. vys. ucheb. zav., gor. zhur. 5 no. 8:119-125 '62.

Stress concentration around two uneven circular near holes due to stretching. O. I. Shishmarina. Probl. proch. v mashinostr. no. 9:42-56 '62.

Stresses and irreversible deformations in plastic media caused by simple stretching. B. M. Rovinskii, I. M. Rybakova. Izv. AN SSSR, Otd. tekh. nauk, Mekh. i mashinostr. no. 5:68-71 S-O '62.

Vasil'ev, V. V. [Stress concentration in angle elements and parts having a stepped shape] Kontsentratsiia napriazhenii v uglovykh elementakh i detaliakh stupenchatoi formy. Moskva, Mashgiz, 1962. 72 p.

STRATOSPHERE see Atmosphere, Upper

STRAUSS, FRANZ JOSEF, 1915-

Shragin, V. O. [Strauss means "war."] Shtraus - "voin." Moskva, Gospolitizdat, 1962. 29 p.

STRAUSS, JOHANN, 1825-1899

Mollikh, E. I. [Johann Strauss; from the history of the Viennese waltz] Iogann Shtraus; iz istorii venskogo val'sa. Leningrad, Muzgiz, 1962. 76 p.

STRAVINSKII, IGOR' FEDOROVICH, 1882-

Igor' Stravinskii. Sov. Soiuz no. 11:52 '62.

"You can't imagine how happy I am!" I. Vershinina. Ogonek 40 no. 41:4-5 O '62.

STRAW

Straw harvesting techniques. R. Skaugin, I. Gostishchev. Tekh. v sel'khoz. 22 no. 8:16-17 Ag '62.

STRAW AS FEED

Devlatkin, A. I. [Using straw in livestock farming, preparation and feeding] Ispol'zovanie solomy v zhivotnovodstve; podgotovka i skarmlivanie. Pod red. M. F. Tomme. Moskva, Sel'khozizdat, 1962. 70 p. (DNAL)

STRAWBERRY BREEDING

Dynamics of seed germination in the reciprocal hybrids of strawberries. T. S. Fadeeva, A. I. Dimitrova. Bot. zhur. 47 no. 8:1190-1194 Ag '62.

STREET LIGHTING

Basis for the norms on the average brightness of road surfaces in municipal outdoor lighting systems. M. A. Ostrovskii. Svetotekhnika 8 no. 11:10-12 N '62.

STREET LIGHTING—EQUIPMENT AND SUPPLIES

Dreckl, Adam. [Reinforced-concrete lighting poles, types and manufacture. Translated from the Polish] Zhelezobetonnye osvetitel'nye opory; tipy i izgotovlenie. Moskva, Gosenergoizdat, 1961. 123 p.

STREETCARS

(see also subdivision under Gorkiy)

"TVV" streetcar with a tower for servicing contact networks. Zhil.-kom. khoz. 12 no. 5:12-13 M. '62.

STREETCARS—DESIGN AND CONSTRUCTION

Samoilov, D. A., O. G. Tirbakh, and N. V. Sikrunn. ["Tatra-2" streetcars] Tramvainye vagony "Tatra-2." Moskva, Izd-vo M-va kommun. khoz. RSFSR, 1962. 167 p.

STREETCARS—MAINTENANCE AND REPAIR

(see also subdivision under Moscow)

Servicing of streetcars. V. Volochnev, M. Chertok. Zhil.-kom. khoz. 12 no. 3:24 Mr '62.

STRELETSKOYE STEPPE PRESERVE—PASTURE RESEARCH

Some data on the supply of viable seeds in soils of the meadow and steppe vegetation [with summary in English]. I. V. Golubeva. Biul. MOIP. Otd. biol. 67 no. 5:76-89 S-O '62.

STREL'TSOVA, NINA

Dear Comrade Strel'tsova! Fedor Malov. Sov. sanitariia 6 no. 4:21-22 '57.

STRENGTH OF MATERIALS

Apparatus for testing metals for hydroabrasive wear. S. P. Kozyrev. Zav. lab. 28 no. 10:1254-1255 '62.

High temperature vacuum chambers for testing materials for tension and compression. V. A. Bugrov, V. K. Grigorovich, A. N. Kobylkin. Zav. lab. 28 no. 10:1252-1253 '62.

Introduction. Trudy TSNIISK no. 14:5-7 '62.

Theory of the tensil strength of solid polymers. A. I. Gubanov, A. D. Chevychelov. Fiz. tver. tela 4 no. 4:928-933 Ap '62.

Time dependence of the strength of materials under static and cyclic loads. V. R. Regel', A. M. Leksovskii. Fiz. tver. tela 4 no. 4:949-955 Ap '62.

STREPTOCOCCUS

Study of streptococcal bacteriophages, the properties of antiphage sera [with summary in English]. A. A Totolian. Zhur. mikrobiol., epid. i immun 33 no. 4:83-88 Ap '62.

STREPTOMYCIN

Change in the higher nervous activity of dogs in experimental tuberculosis and their treatment with streptomycin. I. E. Gaber, G. S. Kan, V. K. Krasuskii. K izuch. roli nerv. sist. v pat., immun. i lech. tub. no. 2:120-130 '61.

Effect of streptomycin on the oxygen content in the arterial blood of healthy rabbits. T. I. Zlatkina, G. S. Kan, K. A. Pimenova. K izuch. roli nerv. sist. v pat., immun. i lech. tub no. 2:327-330 '61.

Effect of streptomycin on the respiratory reflexes appearing during stimulation in chronic experiments on the chemoreceptors of the carotid sinus using lobeline. G. S. Kan, K. A. Pimenova. K izuch. roli nerv. sist. v pat., immun. i lech. tub. no. 2 331-340 '61.

Functional state of the thyroid gland in experimental tuberculosis. N. R. Turupanova. K izuch. roli nerv. sist. v pat., immun. i lech. tub. no. 2:174-182 '61.

Mechanism of the direct depressing effect of streptomycin on tissue chemoreceptors. I. E. Gaber, E. IA. Geiman, G. S. Kan. K izuch. roli nerv. sist. v pat., immun. i lech. tub. no. 2:323-326 '61.

Study of the mechanism of the depressing effect of streptomycin on reflexes from the chemoreceptors. G. S. Kan. K izuch. roli nerv. sist. v pat., immun. i lech. tub. no. 2:385-388 '61.

Study of the mechanism of the pathogenic therapeutic action of streptomycin. Report No. 1: The effect of streptomycin on the fever reaction caused by a killed culture of B. mesentericus. G. S. Kan. K izuch. roli nerv. sist. v pat., immun. i lech. tub. no. 2:341-344 '61.

Study of the mechanism of the pathogenic therapeutic action of streptomycin. Report No. 2: The effect of streptomycin on posttransfusion shock. G. S. Kan. K izuch. roli nerv. sist. v pat., immun. i lech. tub. no. 2:345-348 '61.

STRESS (PHYSIOLOGY)

Effect of the overstraining of nervous processes on the course of experimental tuberculosis in white mice. K. A. Poletaeva. K izuch. roli nerv. sist. v pat., immun. i lech. tub. no. 2:183-189 '61.

STRIKES AND LOCKOUTS see subdivision under Latin America; Spain

STRIKES AND LOCKOUTS—SOAP INDUSTRY see subdivision under Ceccano, Italy

STRIP MINING

(see also subdivision under Kerch Basin, Kustanay Province; Kuznetsk Basin; Orenburg Province; Ural Mountains)

Continuous action equipment complex for open-pit mining. V. P. Aksenov, IU. I. Belinkov, A. A. Kononenko. Ugol' Ukr. 6 no. 10 22-25 O '62.

Contouring pits in preparation for starting exploitation in mining ore deposits. B. P. Bogoliubov, V. L. Komarovskii. Gor. zhur. no. 10:12-16 O '62.

Determining the efficient dimensions of open-pit mine areas. A. T. Kmitovenko, I. I. Russkii, S. I. Novichkov. Izv. vys. ucheb. zav., gor. zhur. no. 9:48-58 '61.

Digging a wide trench in an open pit. A. I. Arsent'ev, L. A. Nikolaev, R. S. Permiakov. Gor. zhur no. 11, 75 N '62.

"Engineers' and technicians' handbook on open-pit mining" by N. V. Mel'nikov. Reviewed by M. V. Vasil'ev and others. Gor. zhur. no. 11:78-79 N '62.

"New technology of open-pit mining of mineral deposits" by M. G. Novozhilov, V. G. Selianin, B. N. Tartakovskii. Reviewed by E. A Shkuta. Ugol' Ukr. 6 no. 10:45-46 O '62.

Skvortsov, G. G., and L. I. Romanovskaia. [Geological engineering observations in constructing and exploiting open-pit mines; methodological instructions] Inzhenerno-geologicheskie nabliudeniia pri stroitel'stve i ekspluatatsii kar'erov; metodicheskie ukazaniia. Moskva, Gosgeoltekhizdat, 1962. 68 p.

STRIP MINING—EQUIPMENT AND SUPPLIES see subdivision under Czechoslovakia; Nikopol' region

STRIP MINING—HYDRAULIC EQUIPMENT see subdivision under Kuznetsk Basin

STRIPE RUST

Specialization of the species Puccinia glumarum (Schmidt) Eriks. et Henn. R. A. Bogoliavsenskaia. Bot. zhur. 47 no. 8:1197-1201 Ag '62.

STRONTIUM—ISOTOPES

Effect of ethyl alcohol on the sorption of strontium ions by active manganese dioxide. IU. V. Egorov, V. V. Pushkarev, E. V. Tkachenko. Radiokhimiia 4 no. 3: 371-373 '62.

Kinetic characteristics of the release of strontium-90 by Cystoseira barbata (Good. et Wood.). G. G. Polikarpov, V. S. Ten. Nauch. dokl. vys. shkoly; biol. nauki no. 4:89-97 '62.

Sorption of long-lived fission products by soils and clay elements. Part 3: Selectivity of soils and clays with respect to Sr^{90} under various conditions. IU. A Kokotov, R. F. Popova. Radiokhimiia 4 no 3:328-334 '62

STRONTIUM GERMANATE

Role of water in the formation of highly condensed silicates and germanates. Report No 12: Dehydration of strontium dihydrogermanate and $SrO \cdot GeO_2 \cdot xH_2O$ gel G P Stavitskaia, IA I Ryskin Izv AN SSSR Otd khim nauk no 10 1708-1717 O '62

STRUCTURAL ALUMINUM see Aluminum, Structural

STRUCTURAL FRAMES

Ultimate state of frames made of thin-walled sections and subjected to torsional load [with summary in English]. O. I. Strel'bytska. Prykl. mekh. 8 no. 6 627-636 '62.

STRUCTURAL FRAMES—WELDING

Vsesoiuznaia konferentsiia po primeneniiu svarki v stroitel'nykh konstruktsiiakh, 1961. [Use of welding for structural elements] Primenenie svarki v stroitel'nykh konstruktsiiakh, [sbornik materialov]. Moskva, Gosstroiizdat, 1962. 415 p. [MICROFILM]

STRYCHNINE—TOXICOLOGY

Effect of BGG vaccination on the duration of life in white mice poisoned with strychnine; preliminary report. I. E. Gaber. K izuch. roli nerv. sist. v pat., immun. i lech. tub. no. 2:298-300 '61.

STUDENT ACTIVITIES

(see also subdivision under Yalta)

Educational role of the brigades of communist labor. E. Grishin Shkola i proizv. 8 no 10 86-89 O '62

For workers in schools with longer hours. B. Vul'fov, Shkola-int. no. 5:80-81 S-O '62.

In the schools and groups with longer hours. V. Geim, N. Aristova, G. Solnyshkina. Shkola-int. no. 5,40-44 S-O '62.

"Miniature Exhibition of Achievements of the National Economy." I. Ivannikov. IUn. tekh 7 no. 10 12-15 O '62.

Weekly educational plan in a school with longer hours. E. Kostiashkin. Shkola-int. no. 5:74-80 S-O '62.

STUDENTS, AFRICAN—CONGRESSES

Conference of African students. Mezhdunar. zhizn' 0 no. 11:151-152 N '62.

STUDENTS, CUBAN

Soldiers of the revolution. Genrikh Gurkov. Ogonek 40 no. 23:4-5 Je '62.

STUDENTS, FOREIGN see subdivision under Kiev

STUDY, METHOD OF

Study room system of preparing home assignments. A. Bereshchenko. Shkola-int. no. 5:53-56 S-O '62.

STURGEONS

Red fish and black caviar. V. Movchan. Ogonek 40 no. 44 9 O '62.

STYLE, LITERARY

Lesyn, V.M. [Composition and subject of the literary work, a lecture] Kompozytsiia i siuzhet literaturnoho tvoru; lektsiia. [L'viv] Vyd-vo L'vivs'koho univ, 1960. 43 p. (NNC)

STYLE IN DRESS see Fashion

STYRENE

Polymerization of styrene derivatives in the solid (frozen) state 1 V Andreeva, M. M Koton, K. A. Kovaleva. Izv. AN SSSR Otd. khim. nauk no. 10:1890-1891 O '62

Synthesis of vinylxylene based on xylene and acetaldehyde. A. V. Bondarenko and others. Neftekhimiia 2 no. 4: 585-591 Jl-Ag '62.

STYRENE POLYMERS

Polyethylene terephthalate films (lavsan) with grafted polystyrene. V. V. Korshak, D. IA. TSvankin, S. P. Krukovskii. Dokl. AN SSSR 146 no. 6:1347-1348 O '62.

SU, HSUAN-YING, 1884-1918

"Su, Man-shu, 1884-1918; a Sino-Japanese genius" [in English] by Henry McAleavy. Reviewed by V. I Semenov. Nar. Az. i Afr. no. 5:201-203 '62.

SU, MAN-SHU see Su, Hsuan-yang, 1884-1918

SUBMARINE BOATS

In the "Victoria" square. O. Hordii. Ukraina no. 13:18-19 S '62.

SUBMARINE GEOLOGY see subdivision under Atlantic Ocean; Bering Sea

SUBMARINE WARFARE

Rodionov, A. I., ed. [Antisubmarine defense in modern warfare; collection of translated articles] Preface by V. V. Belianov, and V. N. Berezovskii. Protivolodochnaia oborona v sovremennoi voine; sbornik perevodnykh statei. Moskva, Voenizdat, 316 p.

Shchedrin, G. I. [We of the submarine fleet; stories of a submariner] My s podlavy; rasskazy podvodnika. [Moskva, Voen. izd-vo M oborony SSSR] 1962. 47 p. (Bibliotechka zhurnala 'Sovetskii voin,' no. 15(442))

SUBMARINE WELDING AND CUTTING see Underwater welding and cutting

SUBMERGED LANDS see subdivision under Siberia, Western

SUBSIDENCES (EARTH MOVEMENTS) see subdivision under Kuybyshev Province

SUBSTITUTES FOR METALS see Metals, Substitutes for

SUBSTITUTION (CHEMISTRY)

Stereochemistry of heterocyclic compounds Report No. 11: Effect of substitution at the nitrogen atom on the configuration of 4-decahydroquinolones and the stereochemistry of some nucleophilic reactions at a keto group. E A Mastriukov, N. I. Avronova, V. F. Kucherov. Izv AN SSSR. Otd. khim. nauk no 9:1599-1604 S '62.

SUBSTITUTIONS see Groups, Theory of

SUBTILISIN

Effect of ultraviolet light and casein substratum on the polarographic wave and the catalytic activity of subtilisin. I. D. Ivanov, E. E. Rakhleeva. Dokl. AN SSSR 146 no. 5:1203-1205 O '62.

SUBWAYS

(see also subdivision under Moscow)

Evaluation of voltages in the branches of a track circuit of a subway. R. R. Mamoshin. Trudy MIIT no. 141: 137-148 '62.

SUCROSE

Surface active saccharose esters (from "Zeitschrift für die Zuckerindustrie," no. 8, 1961). R. Abragam. Sakh. prom. 36 no. 10 72-74 O '62.

Thermal solubility diagram of the ternary system sodium chloride-sucrose-water. Report No. 1. S. A. Arbaev. Uch. zap. Biol.-pochv. fak. Kir. un. no. 7:189-205 '60.

SUCROSE—INDUSTRIAL APPLICATIONS

Industrial use of saccharose (from "Lectures, monographs and reports" of the Royal Institute of Chemistry, London, no. 5, 1960). R. L. Slutskin. Sakh. prom. 36 no. 10:75-76 O '62.

SUDAN—COMMERCE—RUSSIA

Long-term trade agreement between the U. S. S. R. and the Republic of Sudan. Vnesh. torg. 42 no. 10:16-20 '62.

SUDAN—FOREIGN RELATIONS—RUSSIA

Sudan scientific delegation on a visit to the U. S. S. R. Vest. AN SSSR 32 no. 10:89-90 O '62.

SUFFOCATION see Asphyxia

SUGAR

Chemical methods of separate determining of sugars in bread. I. A. Evnitskaia, T. N. Elkina, A. I. Ostrovskii. Izv. vys. ucheb. zav., pishch. tekh. no. 5:143-146 '62.

SUGAR—ANALYSIS AND TESTING

Evaluating the quality of massecuite crystallization. I. A. Belokon', V. D. Popov. Sakh. prom. 36 no. 10: 27-29 O '62.

Iodometric determining of the amount of saccharose content. P. M. Silina. Sakh. prom. 36 no. 10:77 O '62.

Vostokov, A. I., and I. P. Lopeshkin. [Tables for determining the results of the polarimetric analysis of sugar products] Tablitsy dlia opredeleniia rezul'tatov poliarimetricheskogo analiza sakharnykh produktov izd. 3., ispr. i dop. Moskva, Pishchepromizdat, 1962. 303 p.

SUGAR BEETS

(see also subdivision under Chu Valley; Kirghizistan, Krasnodar Territory; Moscow Province; Siberia)

Automatic control of a sugar beet harvesting combine. M. Konstantinovskii. Tekh. v sel'khoz. 22 no. 8:66-70 Ag '62.

Effect of pinching back sugar beet seed plants on the yield and productivity of seeds. K. N. Khuchua. Vlanyk sil'hosp. nauky 5 no. 8:93-95 S '62.

The KSZ-1 sugar beet harvester. S. Botin, IU. Agafonov. Tekh. v sel'khoz. 22 no. 8:62-64 Ag '62.

Machine harvesting of sugar beet seed plants. A. Formichev. G. Akimenko. Tekh. v sel'khoz. 22 no. 8:17-19 Ag '62.

New developments in the field of science and technology. Ukraina no. 21:32 N '62.

Pavlova, M. V. [Five hundred and sixteen centners of sugar beets per hectare] 516 tsentnerov sakharnoi svekly s gektara. [Moskva] Mosk. rabochii, 1961. 15 p. (Ludi, dela, plany) (DNAL)

Sugar beet harvesting machinery for work on irrigated lands. G. Stetsenko. Tekh. v sel'khoz. 22 no. 8:64-66 Ag '62.

SUGAR BEETS—CLEANING

Cleaning of sugar beets from impurities. F. M. Pashkovskii, V. F. Koniakin. Sakh. prom. 36 no. 10:41-42 O '62.

SUGAR BEETS—DISEASE AND PEST RESISTANCE see subdivision under Moscow Province

SUGAR BEETS—FERTILIZERS AND MANURES
(see also subdivision under Ukraine)
Duration of the aftereffect of basic fertilizing in crop rotation on the fertility of soil, chemical composition and yield of sugar beets [with summary in English] S T Ligum. Pochvovedenie no 7 1-9 Jl '62

SUGAR BEETS—IRRIGATION see subdivision under Kazakhstan

SUGAR BEETS—STORAGE
Effect of the temperature of sugar beet storage on sugar losses due to respiration. V.Z.Zhadan, M.Z.Khelemskii. Sakh.prom. 36 no 10,55-58 O '62
Efficiency of the performance of grab cranes in the formation of sugar beet surface silos. T.F.Lozinskii. Sakh.prom. 36 no.10;37-38 O '62.
Use of reed shields for covering sugar beets. A.V.Rozhniatovskii, A.I.Spisak. Sakh.prom. 36 no.10;60-61 O '62.

SUGAR BEETS—TRANSPORTATION
Power consumption by sugar beet pumps and selection of their electric motors. N.R.Frepon Sakh prom. 36 no.10 43-48 O '62.

SUGAR BEETS AS FEED
(see also subdivision under Ukraine)
Morozov, P.F. [Growing and using sugar beets as livestock feed, practices used in Siberia] Vyrashchivanie i ispol'zovanie sakharnoi svekly na korm skotu; opyt Sibiri. Moskva, Sel'khozizdat, 1961. 79 p. (DNAL)

SUGAR IN THE BODY
Change in sugar metabolism in closed brain injury. M L Smolenskii Voen -med zhur no 9 80 S '61
Effect of vitamin B_{12} on the sugar level in the cerebrospinal fluid in tuberculous meningitis. E.V.Skovronskaia. Vrach.delo no.10;150-151 O '62.

SUGAR INDUSTRY
(see also subdivision under Tatar A.S.S.R.)
Conference and seminar of the representatives of the R.S.F.S.R. sugar industry. E.Sokol'skaia. Sakh. prom. 36 no.10;78-79 O '62.
More discussion on a better organization of sugar beet transfer from one factory to another. I.G.Peresada. Sakh.prom. 36 no.10 53-55 O '62.

SUGAR INDUSTRY—ACCOUNTING
Mechanization of accounting in sugar refineries. G.F. IAroslavtsev. Sakh.prom. 36 no.10-51-52 O '62.
Norms of sugar beet losses. L.G.Rozhanskii. Sakh. prom. 36 no.10;49-51 O '62.

SUGAR INDUSTRY—BY-PRODUCTS
Industrial use of saccharose (from "Lectures, monographs and reports" of the Royal Institute of Chemistry, London, no.5, 1960). R.L.Sluiskin. Sakh.prom. 36 no.10;75-76 O '62.

SUGAR INDUSTRY—EQUIPMENT AND SUPPLIES
Kettle for glue cooking. IU.V.Valiaev. Sakh.prom. 36 no.10;35-36 O '62.
Modification of the design of the Russel sand trap. N.F. Domashenko. Sakh.prom. 36 no.10-61-63 O '62.

SUGAR MACHINERY—DESIGN AND CONSTRUCTION
Design of massecuite distributors. M.R.Azrilevich. Sakh.prom. 36 no.10-30 O '62.

SUGAR MANUFACTURE
(see also subdivision under Kuban; Odessa)
Filtration of heavy sirups. V.A.Kolesnikov. Sakh.prom. 36 no.10;26-27 O '62.
Flocculation characteristics of the affination runoff sirup of unrefined cane sugar. D.V.Gorbanl. Sakh. prom. 36 no.10;20-21 O '62.
Improving the sedimentation characteristics of the first saturation juices by the addition of diffusion and initial beet juices. A.K.Kartashev, IU.D.Golovniak. Sakh. prom. 36 no.10;14-19 O '62.
Improving the separation of the solid phase in sugar manufacture suspensions by means of high-molecular flocculents. IU.D.Golovniak, A.K.Kartashov, O.D. Kurilenko. Izv.vys.ucheb.zav.; pishch.tekh. no.5-78-83 '62.
Rapid method of determining the coefficient of saturation of solutions in sugar manufacture. D.M. Lefkovich, L.F.Zelikman, N.L.Troianova. Izv.vys.ucheb. zav.; pishch.tekh. no.5;137-143 '62.
Rate of crystallization of sugar in case of its law quality. Chen'-I-stan' (Ch'en I-hsien). Sakh.prom. 36 no.10; 21-25 O '62.

SUGAR MANUFACTURE—EQUIPMENT AND SUPPLIES
Instrument for rapid determining of the coefficient of saturation. V.P.Zakharov. Sakh.prom. 36 no.10 12-14 O '62.

SUGGESTION SYSTEMS
New forms of work organization on automatic looms. A.Kudrin. Sots.trud 7 no.10-123-128 O '62.

SUKHUMI—THEATER
Billboards in five languages. A.Danel'ian. Teatr 23 no.10-158 O '62.

SUKHUMI BAY—COAST CHANGES
Change of the coast configuration of Sukhumi Bay. O.N. Vinogradov. Biul.MOIP.Otd.geol. 37 no 3;140-141 My-Je '62

SULFIDES
Addition of diethyldithiophosphoric acid to vinylaryl sulfides and vinyl ethers E N. Prilezhaeva, L V TSymbal, M F Shostakovskii. Izv. AN SSSR. Otd. khim. nauk no 9 1679-1681 S '62
Electric prospecting operations in studying deep-seated sulfide veins. A.S.Semenov and others. Uch.zap. LGU 303:203-221 '62.

SULFIDES—METALLURGY
Adsorption of butyl xanthate by fused copper and nickel sulfides. E.I.Maslenitskaia. Izv.vys.ucheb.zav., tsvet.met. 5 no.5 34-38 '62.
Kinetics of the oxidation of sulfides in a fluidized bed E N. Glazkov, I K Skobeev Trudy Vost Sib fil AN SSSR no 41 145-150 '62

SULFUR see subdivision under Gissar Range

SULFUR—ISOTOPES
Preparation of sulfur dioxide for isotopic analysis. V.A. Grinenko Zhur.neorg.khim. 7 no.10;2478-2483 O '62.

SULFUR COMPOUNDS
Vapor-phase refining of cracked and straight-run gasolines by means of the Odessa gray-green clay. A K Plisov, Z.D.Begatska, L.D.Sheiko. Khim prom [Ukr.] no.1 89-90 Ja-Mr '62

SULFUR DIOXIDE
Preparation of sulfur dioxide for isotopic analysis. V.A. Grinenko. Zhur neorg.khim. 7 no.10;2478-2483 O '62.

SULFUR IN SOILS see Soils—Sulfur content

SULFURATION
Preparation of thioindigoid dyes by sulfuration of acetylnaphthalenes. I.A.Troianov, G.M.Oksengendler, E.F.Kostomarova. Ukr.khim.zhur. 28 no.3 367-370 '62.

SULFURIC ACID
Effect of organic additions on the solution of titanium in sulfuric acid. A.P.Biynza, L.I.Geraskutina, T.N. Kriachek. Ukr.khim.zhur. 28 no.3;396-400 '62.
Equilibrium in the system As_2O_3-H_2O-H_2SO_4. G.K. Distanov. Uch.zap.Biol.-pochv.fak.KU.un. no.7 185-188 '59.

SUMERIAN LAW see Law, Sumerian

SUMERIANS
Examination of the fighting ability of wounded soldiers during the rule of Urukagin, Lagash king and reformer. V.V.Struve. Vest.drev.ist. no.3 24-27 '62.

SUMY PROVINCE—CRIMINAL INVESTIGATION
A report of the public prosecutor of the Sumy Province at the Council of the Institute of Criminology. Sots. zakon. 30 no.8,75 Ag '62.

SUN
Contemporary concepts of the sun. V.G.Kuzi, V.S. Avedisova. Fiz.v shkole 22 no.4;9-16 Jl-Ag '62.
Magnetic fields on the sun. I A.Zhulin, B A. Ioshpa, E.I.Mogilevskii Geomag.i aer. 2 no.4;585-625 Jl-Ag '62.
Modeling large-scale motions on the sun. Part 1. The Belopol'skii hydrodynamic model [with summary in English]. G.P.Svechnikova. Izv.GAO 22 no.2 108-120 '61.
Physics of the solar chromosphere [with summary in English]. V.A.Krat, T.V.Krat. Izv.GAO 22 no.2; 6-51 '61.
Stationary distribution of hydrogen atoms in the solar atmosphere according to states [with summary in English]. V.M.Sobolev. Izv.GAO 22 no.2;52-86 '61.

SUN—OBSERVATIONS
Scattering of light in the earth's atmosphere and its effect on the visible brightness of features on the disk of the sun. N.I.Kozhevnikov. Soob.GAISH no.117-3-14 '61.

SUN—PROMINENCES
Specific features of a metallic prominence [with summary in English]. V.N.Zuikov. Izv.GAO 22 no.2;86-94 '61.

SUNFLOWER SEED
Changes occuring in the acid number of the oil of sunflower seeds in storage. M.I.Igol'chenko, V.M.Kopeikovskii. Izv.vys.ucheb.zav.; pishch.tekh. no.5;25-28 '62.

SUNFLOWER SEED—DRYING
Effect of the thickness of the blown layer on the drying rate of high oil content sunflower seeds. V.K.Kostenko. Izv.vys.ucheb.zav.; pishch.tekh. no.5;68-72 '62.

Effect of thermal drying on the modification of the physiological and biochemical characteristics of high oil content sunflower seeds. V.K.Kostenko, V.N. Kopeikovskii. Izv.vys.ucheb.zav.; pishch.tekh. no.5;103-108 '62.

SUNFLOWERS
Dehydrases in albino sunflower plants. I.I.Lishchenko. Dokl.AN SSSR 146 no.3;720-723 S '62.
Empty husks in the sunflower. I.A.Kirikkhin. Izv.Ry TSGL 7:230-238 '61.

SUNSPOTS
Some peculiarities in the fluctuations of relative sunspot numbers [with summary in English]. IU.I Vitinskii. Izv.GAO 22 no.2 121-126 '61.
Spectrophotometric investigation of a sunspot A I Kornilov Soob GAISH no 117,27-56 '61

SUPERCONDUCTIVITY
Low-temperature heat capacity of metals. G M Drabkin Zhur.eksp.i teor.fiz. 43 no 3;1105-1107 '62.
Properties of a rarefied Fermi gas with attraction [with summary in English] S.V. Maleev. Zhur.eksp.i teor.fiz. 43 no.3;1041-1052 '62
The superconductivity criterion as a test for the appearance of instability of the Bethe-Salpeter equation for the normal state. V.V.Tolmachev. Dokl.AN SSSR 146 no.6 1312-1315 O '62.
Threshold absorption of infrared waves in superconductors [with summary in English]. V.I Pokrovskii, M.S.Ryvkin Zhur eksp i teor fiz. 44 no.3;1000 905 '62.

SUPERSONIC TESTING see Ultrasonic testing

SUPERSTITION
(see also subdivision under Orel Province)
Facts reveal. Nauka i zhiz. 4 no.11;45 N '62.
Genuine stories. V.Emel'ianov. Nauka i zhiz. no.5-21-23 My '62.
Rinzantsev, N.I. [Does a man have a fate?] Est' li u cheloveka sud'ba? Moskva, Voen. izd-vo M-va oborony SSSR, 1961. 31 p. (Nauchno-popular.naia biblioteka)

SUPPOSITORIES
Prozorovskii, A.S. [Suppositories; a textbook for laboratory work] Suppozitorii; posobie dlia laboratornykh zaniatii. Moskva, 1-i Mosk. meditsinskii in-t, 1962. 20 p. (DNLM)

SUPPURATION
Mel'nikov, N.I. [Pathogens of suppurative diseases and their association] Vozbuditeli gnoinykh zabolevanii i ikh assotsiatsii. Moskva, Medgiz, 1962. 263 p. (DNLM)

SURFACE-ACTIVE AGENTS
Light oil of a mean temperature brown coal tar as a raw material for the production of surface-active substances. E.I.Kazakov and others. Trudy IGI 17,169-173 '62.
Surface active saccharose esters (from "Zeitschrift für die Zucker industrie," no.8, 1961). R.Abragam. Sakh.prom. 36 no.10;72-74 O '62.
Surface-active substances from peat tar hydrocarbons. E.I.Kazakov and others. Trudy IGI 17:157-165 '62.

SURFACE-ACTIVE AGENTS—SPECTRA
Spectral analysis of synthetic surface-active substances A.N. Mironova, T.A. Dantlova, L.A. Molysheva. Izv. AN SSSR. Ser. fiz no.10-1317-1319 O '62.

SURFACE CHEMISTRY
Adsorption of carbon monoxide on copper and the structure of its surface compounds from infrared spectrum data. N.N.Kavtaradze, N.P. Sokolova. Dokl.AN SSSR 146 no.6-1367-1369 O '62.

SURFACE HARDENING
Disintegration of a surface layer due to work hardening of steels. Z.P. Grozinskaia. Trudy Sem. po kach. poverkh no.5;88-93 '61.
Effect of work hardening on the cyclic strength at stress concentrations. I.A.Oding, S.E.Gurevich Trudy Sem. po kach. poverkh. no.5;32-36 '61.
Increasing the durability of coal-preparation machine parts by surface hardening. N.M.Derbasov. Trudy Sem. po kach. poverkh. no.5;115-122 '61.
Quality of a surface finished by ball burnishing and its effect on the durability of machine parts. D.D.Papshev Trudy Sem. po kach. poverkh. no.5;102-107 '61.
Roughness and fibrousness of surfaces caused by roll burnishing. V.M.Braslavskii. Trudy Sem. po kach. poverkh. no.5;49-56 '61.
Stability of surface hardening of axles by burnishing. N.P. Zobnin. Trudy Sem. po kach. poverkh. no.5;64-70 '61.
Strengthening of large parts by cold surface hardening. O.O.Kulikov, V.M.Braslavskii. Trudy Sem. po kach poverkh. no.5;39-48 '61.
Strengthening tooth surfaces of the traction transmission of diesel locomotives by cold hardening along the profile D.L.IUdin. Trudy Sem. po kach. poverkh. no.5;94-101 '61.

SURFACE HARDENING (Continued)

Strengthening torsion shafts of the T-38 tractor by turning them on lathes. I. S Shteinberg Trudy Sem po kach. poverkh. no. 5:71-78 '61

Technical and economic effect of industrial hardening of machine parts. G. Z. Zaitsev Trudy Sem. po kach poverkh. no. 5:57-63 '61.

Technological methods for improving the quality of the surface layer of machine parts E A Satel', M. A. Fliravetin. Trudy Sem. po kach poverkh. no 5:21-26 '61.

Using irradiation procedures for surface hardening of metals. P. E. D'iachenko and others. Trudy Sem po kach. poverkh. no. 5, 27-31 '61.

SURFACE HARDENING—MEASUREMENT

Determining the depth of workhardened metal layer by the method of cutting thin shavings and measuring the thermoelectric power. V. I. Melamed, F. I. Rogachev Trudy Sem. po kach. poverkh. no. 5:248-255 '61

SURFACE TENSION

Temperature dependence of the surface tension of metals. S. N. Zadumkin, P. P. Pugachevich. Dokl. AN SSSR 146 no. 6:1363-1366 O '62.

Wettability of corundum and silica glass by iron-silicon melts. S. F. Volkov, V. A. Mchedlishvili, A. M. Samarin. Izv. AN SSSR. Otd. tekh. nauk. Met. i topl. no. 5:69-73 S-O '62.

SURFACES

A class of tangentially degenerated surfaces. M. A. Akivis. Dokl. AN SSSR 146 no. 3:515-518 S '62.

SURFACES (TECHNOLOGY)

Determination of parameters and the precision of measurements of the roughness of surfaces. I. V. Dunin-Barkovskii. Trudy Sem. po kach poverkh. no 5:181-190 '61.

Effect of mechanical treatment on the surface area of metals. I. L. Roikh, V. V. Ordynskaia, I. P. Bolotich. Dokl. AN SSSR 146 no. 6 1316-1317 O '62.

Effect of the microrelief on the regularities of distribution of a liquid metal on a solid metal surface IU V. Goriunov and others. Dokl. AN SSSR 146 no. 3 638-641 S '62.

Effect of the quality of surface layers on the durability of machine parts under high cyclic loads condition. G. A. Dertagin. Trudy Sem. po kach. poverkh. no 5 79-87 '61.

Effect of the roughness and properties of a material on the active area of contacts and connections of surfaces I. V. Kragel'skii, N. B. Demkin. Trudy Sem po kach. poverkh. no. 5:163-169 '61.

Measuring the smoothness of rubbing surfaces in alkaline and sulfate solutions and the effect of the stressed state on the wear resistance of steel. I. V. Vasil'ev Trudy Sem. po kach. poverkh. no. 5:271-276 '61.

Mechanical properties of roughness on metal surfaces. S. B. Albinder. Trudy Sem. po kach. poverkh no. 5:12-20 '61.

Plotting the supporting area curve for a surface. G. A Andreev. Trudy Sem. po kach. poverkh. no. 5:170-175 '61.

Relationship between the finish of machining and contact rigidity. L. P. Medvedev. Trudy Sem. po kach. poverkh. no. 5:176-180 '61.

Resolution of the Conference on Surface Quality in the Manufacture of Machinery. Trudy Sem. po kach. poverkh no. 5:410-414 '61.

Shift deformations and wear resistance of surface layers subjected to friction. V. D. Evdokimov. Izv. AN SSSR. Otd. tekh. nauk. Mekh. i mashinostr. no. 5:167-170 S-O '62.

Weakened surface layer. B. M. Rovinskii. Trudy Sem. po kach. poverkh. no. 5:7-11 '61.

SURFACES (TECHNOLOGY)—MEASUREMENT

Selecting the area length for measuring surface waviness. A. G. D'iakova, Z. P. Grozinskaia Izm. tekh. no. 10: 13-14 O '62.

SURFACES (TECHNOLOGY)—TESTING

Precision and reliability of the determination of surface roughness parameters by the profile reproduced by a feeler gauge or an optical device. A. N. Kartasheva. Trudy Sem. po kach. poverkh. no. 5:191-199 '61.

Problems in measuring the roughness and waviness of surfaces. L. I. Zalkind. Trudy Sem. po kach. poverkh. no. 5:200-209 '61.

SURFACES, RIEMANN see Riemann surfaces

SURGERY

Problem of compensation in surgery. A. A. Vishnevskii, L. L. Shik. Vest. AMN SSSR 17 no. 5:43-47 '62.

SURGERY—BIBLIOGRAPHY see Bibliography—Surgery

SURGERY, OPERATIVE

Significance of the determination of 17-ketosteroids in surgical patients. A. T. Pulatov. Vest. khir. 89 no. 8, 43-46 Ag '62.

SURGERY, PLASTIC

Alloplasty in congenital fissures of the upper lip. V. I. Sorokin. Trudy Nauch.-issl. inst. stom. no. 10, 51-55 '62.

Kiuchinskii, G. V. [Restorative operations on the face following lupus] Vosstanovitel'nye operatsii na litse posle volchanki. Moskva, Medgiz, 1961. 135 p. (Biblioteka prakticheskogo vracha) (DNLM)

SURGICAL DRESSINGS see Splints (Surgery)

SURGICAL INSTRUMENTS AND APPARATUS

Apparatus for the reposition and fixation of fragments in diaphysial fractures of the bones of the lower extremities. I. F. Borodin. Zdrav. Bel. 8 no. 5:59-60 My '62

New models of instruments for pulmonary surgery. A. M. Geselevich and others. Grud. khir. no. 4:115-117 '62.

Rules for the application of an apparatus for suturing elements of the radix pulmonis (the large UKL-60 model and the small UKL-40 model). A. M. Geselevich. Khirurgiia no. 9 149-150 '62.

SURKHAN-DARYA PROVINCE—CLIMATE

Kozik, S. M., ed. [Climatological description of Surkhan-Darya Province] Klimaticheskoe opisanie Surkhan-Dar'inskoi oblasti. [By] E. N. Bakasheva i dr. Leningrad, Gidrometeoizdat, 1962. 114 p.

SURKHAN-DARYA VALLEY—SEISMIC PROSPECTING

Main properties of a wave field, disturbed by the tracking of reflected waves, in the Surkhandar'ya Depression and problems in connection with studying it. T. M. TSymbal, B. IA. Gel'chinskii, A. G. Rudakov. Vop. din. teor. raspr. seism. voln no. 4:61-78 '62.

SURVEYING—BIBLIOGRAPHY see Bibliography—Surveying

SUSAMYR VALLEY—SCHISOTHORAX

Note on Schizothorax intermedius Mc. Cl. from the Susamyr basin. T. Abylkasymova. Izv. AN Kir. SSR. Ser biol. nauk 4 no. 1:121-124 '62.

SUSLIKS

(see also subdivision under Kirghizistan)

Salutary fat of a harmful animal. S. Imshenetskii. Nauka i zhizn' 29 no. 9:77 S '62.

SUSPENSIONS (CHEMISTRY)

Calculating the filtration process of cement and ceramic suspensions. L. S. Cherednichenko, IU Ш. Lukach. Khim. prom. [Ukr.] no. 1:53-56 Ja-Mr '62.

SVERDLOVSK—BALLET

Performances of the Sverdlovsk Opera. Teatr 23 no. 10, 154-156 O '62.

SVERDLOVSK—CARDIOVASCULAR SYSTEM—DISEASES

Materials on a study of some cardiovascular diseases in an urban population. L. I. Moiseeva. Zdrav. Ros. Feder. 6 no. 9:13-18 S '62.

SVERDLOVSK—MACHINERY INDUSTRY—PRODUCTION STANDARDS

This is what the department of labor organization and wages should be like. I. Voronkov. Sots. trud 7 no. 10:107-113 O '62.

SVERDLOVSK—MACHINERY INDUSTRY WORKERS—DISEASES AND HYGIENE

Hypertension and coronary atherosclerosis among workers of the Ural Machinery Plant [with summary in English]. S. S. Barats, Z. M. Mel'nikova. Sov. med. 26 no. 8:13-18 Ag '62.

SVERDLOVSK—MEDICAL INSTRUMENTS AND APPARATUS

Struggle for the new man. A. Romanov. Part. zhizn' no. 22:55-57 N '62.

SVERDLOVSK—OPERA

Performances of the Sverdlovsk Opera. Teatr 23 no. 10:154-156 O '62.

SVERDLOVSK—SALVAGE (WASTE, ETC.)

How to use old dumping grounds. L. Luzina. Zhil.-kom. khoz. 12 no. 5:34 My '62.

SVERDLOVSK PROVINCE—CONSTRUCTION INDUSTRY

Striving for technical progress in construction of the Sverdlovsk economic region. M. Shil'dkrot. Ekon. stroi. no. 10:7-16 O '62.

SVERDLOVSK PROVINCE—EDUCATION, COOPERATIVE

Shortcomings in the training of young workers. A. Shteinberg. Prof.-tekh. obr. 19 no. 9:27-28 S '62.

SVERDLOVSK PROVINCE—EVENING AND CONTINUATION SCHOOLS

Training and increase in the qualifications of workers and the new wage conditions. G. Kaganov, M. Liberman. Sots. trud 7 no. 8:61-66 Ag '62.

SVERDLOVSK PROVINCE—SOCIALIST COMPETITION

Bykov, A. I., and S. I. Mokshin. [Factory and plant trade-union committee is the organizer of the competition for communist labor] Fabzavkom - organizator sorevnovaniia za kommunisticheskii trud. [Moskva] Profizdat, 1962. 78 p. (Bibliotechka profsoluznogo aktivista, no. 19[43])

SVERDLOVSK PROVINCE—TRADE UNIONS

Bykov, A. I., and S. I. Mokshin. [Factory and plant trade-union committee is the organizer of the competition for communist labor] Fabzavkom - organizator sorevnovaniia za kommunisticheskii trud. [Moskva] Profizdat, 1962. 78 p. (Bibliotechka profsoluznogo aktivista, no. 19[43])

SVERDLOVSK PROVINCE—TULAREMIA

Newly detected focus of tularemia in Sverdlovsk Province [with summary in English]. T. A. Kon'shina Zhur. mikrobiol., epid. i immun. 33 no. 4:68-70 Ap '62.

SVETLOGORSK—DESCRIPTION

The stars of Svetlogorsk. P. Prykhodz'ka. Belarus' 10 no. 10:14-15 O '62.

SWEDEN—SHIPBUILDING

Swedish-built ships [from materials supplied by the firm Götaverken]. Sudostroenie 28 no. 9 74-75 S '62.

SWEDEN—SHIPPING

Review of foreign literature on the marine transportation of Sweden [with summary in English]. V. N. Sergeev. Vest. LGU 17 no. 18:128-133 '62.

SWINE

(see also subdivision under Taganrog District)

Hidden potentialities for increasing the production and reducing the costs of swine. A. Kogan. Ekon. sel'kho. 33 no. 8:50-61 Ag '62.

Important measure for increasing productivity in swine raising. F. M. Ponomarenko. Visnyk sil'hosp. nauky 5 no. 9:86-90 S '62.

Periods in the development of animals. Report No. 1. Periods in the embryonic development of swine. Ш. A. Magakian. Zool. zhur. no 12 41-61 '62

Pinovskaia, T. P. [More and cheaper pork; about swine growers on the "Vrevskii" No. 4 State Farm] Bol'she deshevoi svininy, o svinovodakh sovkhoza "Vrevskii," no 4. Tashkent, Gosizdat UzSSR, 1961. 16 p. (DNAL)

SWINE—DISEASES AND PESTS

Veterinary sanitary evaluation of the carcasses of swine with infectious atrophic rhinitis, the pathological anatomical changes. N. A. Zubets. Trudy NIVI 1: 316-320 '60

SWINE—FEEDING AND FEEDS

(see also subdivision under Gomel' Province; Kazakhstan)

Biochemical and hematological indices of the blood in young pigs fed vitamin-enriched forage biomycin. L. I. Lysenkova. Visnyk sil'hosp. nauky 5 no. 9:110-114 S '62.

Drencis, K. [Effect of antibiotics in raising and fattening meat type swine] Antibiotisko vielu lietosme bekonu cuku audzesanaa un nobarosanaa. Riga, Latvijas lopkopibas un veterinarijas zinatniski petnieciskais instituts, 1961. 25 p. [In Latvian] (DNAL)

Popov, A. M. [Large-scale fattening of swine] Massovyi otkorm svinei. Moskva, Sel'khozizdat, 1961. 46 p. (DNAL)

SWINE—PARASITES see Parasites—Swine

SWINE BREEDING

Characteristics of the inheritance and embryonic development of piglings in crossing Large White and Swedish Landrace breeds. M. M. Aslanian. Nauch. dokl. vys. shkoly, biol. nauki no. 4:179-181 '62.

Pitkänen, I. G. [New developments in the insemination and increase of fertility in swine] Novoe v oplodotvorenii i povyshenii plodovitosti svinei. Moskva, Sel'khozgiz, 1961. 185 p. [With summary in English] (DNAL)

SWINE FEVER see Hog cholera

SWINE HOUSES AND EQUIPMENT see subdivision under Moscow Province

SWITCHING THEORY

Conversion of the time pace of sequential machines and synthesis of switching circuits [with summary in English]. M. A. Aizerman and others. Avtom. i telem. 23 no. 11:1485-1491 N '62.

SWITZERLAND—LIBRARIES

Swiss libraries. T. S. Stupnikova. Bibliotekoved. i bibl. za rub. no. 9:3-51 '62.

SYAMOZERO—FRESHWATER BIOLOGY

Siamozerskaia kompleksnaia ekspeditsiia, 1954-1960. [Transactions of the Syamozero Expedition] Trudy. Petrozavodsk, Gos. izd-vo Karel'skoi ASSR.
Vol. 2. [Ichthyology, hydrobiology, and parasitology] Ikhtiologiia, gidrobiologiia, i parazitologiia. 1962. 269 p.

SYDNONE IMINE—SPECTRA

Spectroscopic study of the structure and properties of sydnone imines. V. G. IAshunskii, T. M. Persiantsi, IU N. Sheinker. Izv. AN SSSR. Ser. fiz. no. 10 1295-1298 O '62.

SYENITE see subdivision under Northern Baikal Highland

SYMBIOSIS
A widespread commensal of Devonian favosites B S Sokolov Paleont zhur no 2 45-48 '62

SYMMETRY (BIOLOGY)
Right and left roots in plants [with summary in English]. Iu.A.Urmantsev, A.M.Smirnov. Bot.zhur. 47 no.8 1073-1086 Ag '62.

SYNCHRONOUS MOTORS see Electric motors, Synchronous

SYR DARYA—PARASITES—FISHES
Parasites of fishes in the upper and middle course of the Syr Darya River A.I Agapova. Trudy Inst.zool AN Kazakh.SSR 16:135-144 '62.

SYR-DARYA VALLEY—FOREST ECOLOGY
Forest-type zones in the Syr-Darya Valley. Iu.B. Voskresenskii. Vesti sel'khoz nauki [Kazakh.] 5 no.10:72-82 O '62.

SYR-DARYA VALLEY—PALEOGEOGRAPHY
At the ancient banks of the Syr-Darya. B.A.Litvinskii, S.A.Nesmelanov. Priroda 51 no.10 115-116 O '62.

SYR-DARYA VALLEY—REED (BOTANY)
Soil conditions for the development of reed in the lower Syr-Darya Valley A I Volkov. Trudy Inst.pochv AN Kazakh SSR 13:150-173 '62

SYR-DARYA VALLEY—SOILS—ANALYSIS
Soil conditions for the development of reed in the lower Syr-Darya Valley A.I Volkov. Trudy Inst pochv AN Kazakh SSR 13.150-173 '62

SYSTEMS (CHEMISTRY)
Classification of viscosity isotherms of binary systems with chemical interaction IU IA Fialkov Ukr khim zhur 28 no 5 543-550 '62

Conductance of melts of reciprocal pairs of salts. System K, Rb‖ Cl, Br. B.F.Markov, V F. Prisiazhnyi. Ukr.khim.zhur. 28 no.3:418 '62.

Determination of a relative stability of salts in multicomponent reciprocal systems. I.S.Dombrovskii, V.I. Posypaiko. Zhur.neorg.khim. 7 no.10,2434-2437 O '62.

Electrochemical studies of the thermodynamic properties of liquid ternary metal systems M F Lantratov, A G Morachevskii Izv.LETI 59 no.46 228-264 '62.

Involutes of representations of a stable complex of the reciprocal system consisting of nine salts. A.G Bergman, V.A.Ocheretnyi. Zhur.neorg.khim. 7 no.10: 2466-2474 O '62.

Isotherms (50°) of solubility, specific gravity, and viscosity in the system NaI - NaBr - H_2O. F.M Perel'man, R M.Dolinina. Zhur.neorg.khim. 7 no.10:2459-2462 O '62.

Solubility isotherms of the systems KBr - KNO_3 - H_2O and KI - KNO_3 - H_2O at 25°C E A Rashkovskaia, A K Lomakina, L T Usenko Ukr khim zhur 28 no 5 574-577 '62

Study of anomalous mixed crystals with the aid of radioactive indicators. Part 9. Effect of multivalent ions on the nature of distribution of the microcomponent between the solid and liquid phase in the systems NH_4Cl - $CdCl_2$ - H_2O and NH_4Br - $CuBr_2$ - H_2O. E.M.Ioffe. Radiokhimiia 4 no.3:249-253 '62.

Thermal and tensimetric study of the systems $NbCl_5$ - $AlCl_3$ - KCl, $NbCl_5$ - $KTaCl_6$ - $KAlCl_4$, and $NbCl_5$ - $KTaCl_6$ - $KAlCl_4$. I.S.Morozov, V.A.Krokhin. Zhur. neorg.khim. 7 no.10:2400-2410 O '62.

Using quasi-chemical methods for metallurgical systems with ternary compounds. I.T.Sryvalin, O.A.Esin. Izv.vys.ucheb.zav, ,chern.met. 5 no:9:10-16 '62.

SYUGATY MOUNTAINS—MOLLUSKS
Terrestrial molluska of the Syugaty Mountains N.I.Sumenkova. Trudy Inst.zool AN Kazakh.SSR 16:169-176 '62.

SZECHWAN PROVINCE—LOCUSTS
Results of the Chinese-Soviet zoological and botanical expeditions to southwestern China in 1955-1957. New or less known long-horned grasshoppers (Orthoptera, Tettigonioidea) from Szechwan and Yunnan. G.IA. Bei-Bienko. Trudy Zool.inst. 30:110-138 '62.

SZECHWAN PROVINCE—MEALY BUGS
Materials on the coccids of China. Report No.11. New genera and species of mealy bugs of the family Pseudococcidae (Homoptera, Coccoidea); scientific results of the Chinese-Soviet expeditions of 1955-1957 to southwestern China. N.S.Borkhsenius. Trudy Zool.inst. 30:221-244 '62.

T-SQUARES see Rulers (Instruments)

TABLEWARE—DISINFECTION
Disinfection of dishes and linen by means of electrolyzed sodium chloride solutions [with summary in English]. B.L.Shura-Bura,M.I. Vorob'ev, V.I.Shlykov. Zhur. mikrobiol., epid.i immun. 33 no.8:9-14 Ag '62.

TACHINID FLIES
Two new species of the genus Nemosturmia T.T. (Diptera, Larvaevoridae) from the Far East. K.B. Borisova. Trudy Zool.inst. 30:326-329 '62.

TAGANROG—DISABILITY EVALUATION
In the department and the sections. N.Berfel'd. Sots. obesp. 23 no.10 11-16 O '62.

TAGANROG—PENSIONS
In the department and the sections. N.Berfel'd. Sots. obesp. 23 no.10:14-16 O '62.

TAGANROG—PIPE MILLS
Largest continuous furnace pipe welding plant in the world. N.G.Sergeev. Metallurg 7 no.11 22-23 N '62.

TAGANROG DISTRICT—SWINE
Practice in the economic analysis of swine production. V I Shangin. Uchet i fin v kolkhoz i sovkhoz. 19 no 10 40-44 O '62

TAGANROG GULF—ALGAE
Nomenclature of an interesting and little-known species of the genus Aphanizomenon Moor. A.I.Proshkina-Lavrenko. Bot.mat.Otd.spor.rast. 15:28-32 Ja '62.

TAGANROG GULF—GOBIES
Feeding habits and distribution of the goby Knipowitschia longicaudata (Kessler) in Taganrog Gulf. L.I.Moskal'kova. Vop.ikht. 2 no.3:492-505 '62.

TAGORE, SIR RABINDRANATH, 1861-1941
Tagore, fighter for peace and progress Mol.mira no.6:11 '61

TAILORING
Characteristics of the processing of fabrics containing lavsan fibers. A M.Shpaer, Z A Laliashvili, V.V. Bernatskaia. Shvein.prom no 5 26-30 S-O '62

Demenkov, P.I. [Design of patterns for men's clothing] Konstruirovanie muzhskoi verkhnei odezhdy. Moskva, Gostekhizdat, 1961. 227 p.

Handling of fabrics containing lavsan fibers K.K Podl'emshchikova, N.D. Petrov. Shvein prom. no.5. 30-32 S-O '62

Manufacture of men's suits from fabrics with lavsan content. P I. Pozhitok Shvein.prom no 5 33-34 S-O '62.

Studying the process of the shaping of textile clothing parts. Report No.1: The change of the angle between warp and weft yarn as an index of the pliability of the fabric. E.A. Ivanova, A.V. Savostitskii. Izv vys. ucheb. zav. ;tekh. leg. prom. no. 4:108-118 '62.

TAILORS see subdivision under Penza

TAIPING REBELLION, 1850-1864
"Materials for discussion on the nature of the Taiping revolution" [in Chinese]. Reviewed by L. P. Delitsin. Nar. Az. i Afr. no. 5:183-186 '62.

TAIR-ZADE, MIRZA-ALEKBER, 1862-1911
Centenary of a derider. P. Panchenko. Ogonek 40 no.23:5 Je '62.

Loan words from Russian and European languages in Sabir's satirical poems [in Azerbaijani with summary in Russian] R. Dzh Magerramova Izv. AN Azerb. SSR Ser obshchestv nauk no 6.31-40 '62

TAIWAN see Formosa

TAJIK AUTHORS see Authors, Tajik

TAJIK DEPRESSION—GEOLOGY
Zelenova, O. I. [Lithology, facies, and geochemical characteristics of Alay stage sediments in the Tajik Depression] Litologiia, fatsii i geokhimicheskie osobennosti otlozhenii Alaiskogo iarusa Tadzhikskoi depressii. Moskva, Izd-vo Akad. nauk SSSR, 1961. 127 p. 22 plates. (Akademiia nauk SSSR, Institut geologii rudnykh mestorozhdenii, petrografii, mineralogii i geokhimii. Trudy, no. 53)

TAJIKISTAN—APARTMENT HOUSES
In the State Committee on Construction of the Tajik S.S.R. Biul.stroi.tekh. 19 no.9:38-39 S '62.

TAJIKISTAN—CONSTRUCTION INDUSTRY
In the State Committee on Construction of the Tajik S.S.R. Biul.stroi.tekh. 19 no.9:38-39 S '62.

TAJIKISTAN—MATHEMATICAL SOCIETIES
At the Tajik Republican Mathematical Society. Trudy AN Tadzh.SSR 109:145-146 '61.

TAJIKISTAN—MATHEMATICS
First Republic Mathematical Conference. Trudy AN Tadzh.SSR 109.144-145 '61.

TAJIKISTAN—RADIOBROADCASTING
Successes of Tajikistan in radiobroadcasting. S.Zakhirov. Sov.rad.i tel. 6 no.6:11 '57.

TAJIKISTAN—RUSSIAN LANGUAGE—STUDY AND TEACHING
Tajik S.S.R. Upravlenie shkol. [Program for the course on Russian language and the reading of literature; for grades 5-8 of Tajik eight-year schools] Programma po russkomu iazyku i literaturnomu chteniiu dlia V-VIII klassov tadzhikskoi vos'miletnei shkoly. Stalinabad, Uchpedgiz Tadzhikskoi SSR, 1961. 64 p.

TAJIKISTAN—WINDBREAKS, SHELTERBELTS, ETC
Improvement of lands as related to shelterbelt afforestation in the mountain areas of Tajikistan. A. M. Rozanov. Les.khoz 15 no.6:11-17 Je '62.

TAKORADI REGION—PLANKTON
Distribution and dynamics of plankton and the food of sardinella in the commercial areas off the western coast of Africa. N.S.Khromov. Trudy VNIRO 46 214-235 '62.

TALDY-KURGANSKIY DISTRICT—SHEEP
Effect of age and fatness on the profitableness of delivering wethers for meat. E. Chebotov. Vest sel'khoz nauki [Kazakh.] 5 no.9:9-13 S '62

TALES, MALAGASY
[Tales and proverbs of Madagascar; translated from the Malagasy] Skazki i poslovitsy Madagaskara. Moskva, Izd-vo inostr. lit-ry, 1962. 110 p.

TALLINN—CHILDREN—MANAGEMENT
With united forces. E. Villmann. Zhil.-kom. khoz. 12 no.5:8 My '62.

TALLINN—DESCRIPTION
Across the city with legends. N. Khrabrova. Ogonek 10 no.42,3 of cover O '62.

TALLINN—VIEWS
[Old Tallinn] Vana Tallinn. Staryi Tallin. Tallinn, Eesti NSV Kunst, 1960. [9] p. plates. [Parallel text in Estonian, Russian and German]

TALOVAYA DISTRICT (VORONEZH PROVINCE)—MEDICINE, RURAL
Work experience of a district rural hospital. I.A. Akulinin. Sov.med. 26 no.8:145-147 Ag '62.

TALYSH MOUNTAINS—OAK
Evergreen oak in the Talysh Mountains. I.G.Sadovnik. Bot.zhur. 47 no.8:1207-1209 Ag '62.

TAMARISK see subdivision under Aral Sea region

TAMARISK—DISEASES AND PESTS see subdivision under Soviet Central Asia

TAMBOV—ORTHOPEDIC APPARATUS INDUSTRY
We are for the bonus system for hourly workers. V. Ilyasov. Sots.obesp. 23 no.10:45-46 O '62.

TAMBOV PROVINCE—AGRICULTURAL ADMINISTRATION
Production administrations improve the economics of collective and state farms. V.G Shmidtkin. Fin.i fin.v kolkhoz i sovkhoz 19 no.10:32-34 O '62

TANIEV, VLADIMIR IVANOVICH, 1840-1921
Shkurinov, P.S. [Philosophical ideas of V.I.Taneev] Filosofskie vzgliady V.I.Taneeva. [Moskva] Izd-vo Mosk. univ., 1962. 129 p.

TANK VESSELS
Anniversary of the tank vessel "Apsheron." Mor.flot 22 no.10:47 O '62.

Level measurement by remote control of the liquid cargo in tank vessel compartments. A.T. Solov'ev. Sudostroenie 28 no.9:64-66 S '62.

Tank vessel "Lugansk" is joining the fleet. Mor.flot 22 no.10:45 O '62.

TANK VESSELS—COST OF CONSTRUCTION
Economic advisability of building tank vessels of light alloys. P.K. Biskup Sudostroenie 28 no 9:52-55 S '62.

TANK WARFARE
From the first shot. I Kolodnikov. Voen.znan 38 no.10:20-21 O '62.

Tank troops attack at night. G. Petrovskii. Voen.vest. 42 no.10:20-24 O '62.

TANKS
Choosing the most economical ground-level cylindrical tanks. A.Gelkman, N.Koniaev, M.Kolechitskii. Mont. i spets.rab.v stroi. no.10:50-51 O '62.

TANKS—PAINTING
Varnish paint coatings for drinking water tanks. I.Klushenkov. Rech.transp. 21 no.10:49-50 O '62.

TANKS—STANDARDS
Standard plans of cylindrical reinforced concrete tanks for petroleum and petroleum products. L.P. Trunov, I.I. Liubimov. Mont.i spets.rab.v stroi. 24 no.10 30-31 O '62.

TANKS (MILITARY SCIENCE)
Hoth, Hermann. [Tank operations. Translated from the German] Tankovye operatsii. Moskva, Voen. izd-vo, 1961. 206 p.
(NNC)

A school for the commanders of tank units. I. Krupeiko. Voen.-ist.zhur. 4 no.10:108-111 O '62.

Selivokhin, V.M. [The tank] Tank. Izd.2., porer. i dop. Moskva, Voenizdat, 1962. 182 p. (Za voenno-tekhnicheskie znaniia)

Soviet Tankman Day. S. Matlin. Blok.agit.[Bel.] no.24: 20-27 Ag '59.

TANKS (MILITARY SCIENCE) (Continued)

Tank company takes a concealed firing position B. Boiko. Voen. vest 42 no. 10 102-104 O '62.

Tanks of capitalist armies; based on materials from the foreign press I Volkov. Voen. vest. 42 no 10 119-123 O '62.

Toward new achievements. G. Shemetov. Komm. Vooruzh. Sil 3 no. 21 16-51 N '62.

Training of tank drivers. P. Bronfenbrener Voen vest. 42 no. 10 52 O '62

Vital problems in teaching firing from tanks. A. Belousov. Voen. vest. 42 no. 10 101-102 O '62

TANNING

Intensification of the tanning process of stiff leather with the use of chromosyntan and aluminosyntan compounds. M. Sh. Ovrutskii, R. L Kazimirova, E D Pugach. Izv vys. ucheb. zav ;tekh. leg. prom. no 4 71-75 '62.

Using oxidized high-hydrogenated petroleum fractions of isostructural hydrocarbons (oxidate) for fat-liquoring of hides. F. F. Makarov. Biul. tekh. -ekon. inform. Gos. nauch. -issl. inst. nauch. i tekh. inform. no. 10 50-52 '62.

TANNING MATERIALS

Properties of phenol syntans contining sulfur groups in the benzene rings and some characteristics of their synthesis. S. K. Golubeva, S. A. Kuraitis Izv. vys. ucheb. zav. ;tekh. leg. prom. no. 4 61-70 '62.

Viscosity of the solutions of vegetable and synthetic tanning materials. S. A. Ulanov, N. V. Chernov, I. S. Shestakova. Kozh. -obuv. prom. 4 no. 10 19-22 O '62.

TANNU OLA RANGE—JERBOAS

Midget pentadactyl jerboa Cardiocranius paradoxus Sat., a new species in the fauna of the U. S. S. R [with summary in English]. D. I. Berman. Biul. MOIP. Otd. biol. 67 no. 5 19-28 S-O '62.

TANNU-TUVA see Tuva A. S. S. R.

TANTALUM CHLORIDE

Interaction of niobium and tantalum pentachlorides with sodium and potassium chlorides. A. P. Palkin, N. D. Chikanov. Zhur. neorg. khim. 7 no. 10 2394-2399 O '62.

Interaction of tantalum pentachloride with sodium and potassium chlorides. A. P. Palkin, N. D. Chikanov. Zhur. neorg. khim. 7 no. 10 2388-2393 O '62.

TAPEWORMS

(see also subdivision under Kazakhstan)

Specific independence of Multiceps skrjabini. V. I. Bondareva, S. N. Boev, I. B. Sokolova. Trudy Inst. zool. AN Kazakh SSR 16 48-51 '62.

TAPIOLITE

Find of tapiolite in granitic pegmatites. L. N. Rudovskaia. Zap. Vses min. ob-va 91 no. 3 356-358 '62

TARANETS, ANATOLI IAKOVLEVICH, 1910-1941

In memory of Anatolii IAkovlevich Taranets (1910-1941). A. P. Andrilashev, G. U. Lindberg, P. A. Moiseev. Vop. ikht. 2 no. 3 547-555 '62.

TARGET PRACTICE

Improve the effectiveness of fire; from the experience of firing on moving targets with the help of a radiolocation station. B. Sapovskii. Voen. vest. 42 no 10 74-75 O '62.

TARGET PRACTICE—EQUIPMENT AND SUPPLIES

A set of portable range equipment. V. Blazhchuk Voen. vest. 42 no. 10 112-113 O '62.

TARNYAUZ—MOLYBDENIUM

Commemorative "lines." Agitator no. 22 54-57 N '62.

TASHKENT—AGRICULTURAL MACHINERY INDUSTRY

Knyp, V. A. [Innovators of the Tashkent Agricultural Machinery Plant] Razvedchiki s "Tashsel'masha"; iz opyta raboty brigady kommunisticheskogo truda avtomatnogo uchastka zavoda "Tashsel'mash" imeni K. E. Voroshilova. Tashkent, Goslzdat, UzSSR, 1961. 39 p. (Vystavka dostizhenii narodnogo khozialstva SSSR)

TASHKENT—PHYSICAL EDUCATION AND TRAINING

Source of health. E. Alyshev. Uzbekiston 21 no. 9 18 S '62.

TASHKENT—PUBLIC HEALTH

Medics go into the "makhallia." A. Kh. Aulov. Zdorov'e 8 no. 10 7 O '62.

TASHKUMYR—COAL—ANALYSIS

Characteristics of the chemical composition of coal microcomponent concentrates from the Tashkumyr deposits. R. I. Kharitonova, M. I. Petrova. Uch. zap. Biol. -pochv. fak. Kir. un. no. 7 207-210 '58.

TASSILI-N-AJJER—ANTIQUITIES

"The search for the Tassili frescoes" by Henry Lhote. I. N. Lobachev. Priroda 51 no. 10 124-125 O '62.

TATAR A. S. S. R.—CORN BREEDING

Morphological and embryologic study of the organogenesis of corn. N. G. Afanas'eva. Nauch. dokl. vys. shkoly. biol. nauki no. 4 107-112 '62.

TATAR A. S. S. R.—ECONOMIC CONDITIONS

Abramov, P. V. [Tatar A. S. S. R.; study in the economic geography] Tatarskaia ASSR, ekonomiko-geograficheskii ocherk. Kazan', Tatarskoe knizhnoe izd-vo, 1960, 229 p. illus.
(WU)

TATAR A. S. S. R.—MELANTERITE

Melanterite and the products of its alternation. V V Vlasov, A V Kuznetsova. Zap Vses. min ob-va 91 no 4 490-492 '62

TATAR A. S. S. R.—OIL WELL LOGGING, ELECTRIC

Change in the specific electric resistance of water-saturated rocks when subject to rock and formation pressures. I. F. Glumov, V. M. Dobrynin. Prikl. geofiz. no. 33 190-205 '62.

TATAR A. S. S. R.—PETROLOGY

Some structural characteristics of rocks in the Lower Carboniferous terrigenous formation of the Tatar A. S. S. R. [with summary in English]. A. A. Demidov. Biul. MOIP. Otd. geol. 37 no. 3 70-79 My-Je '62.

TATAR A. S. S. R.—SUGAR INDUSTRY

Sugar industry of the Tatar Economic Region. N. M. Fedotov, I. M. Pustil'nik. Sakh. prom. 36 no. 10 5-8 O '62.

TAUTOMERISM

Problem of tautomerism of N-acylamidophosphates and N-acylamidophosphinates. M I Kabachnik and others. Izv. AN SSSR. Otd khim. nauk no. 9 1589-1599 S '62.

Study of azido-tetrazole tautomerism with the aid of infrared spectroscopy. I IA. Postovskii and others. Izv AN SSSR Ser. fiz. no 10 1298-1300 O '62.

TAX PLANNING

Zhadanov, V. A. [Planning a turnover tax] Planirovanie naloga s oborota, Moskva, Gosfinizdat, 1962, 79 p. (V pomoshch' finansovomu rabotniku)

TAXATION see subdivision under China

TAYMYR PENINSULA—COLLECTIVE FARMS

Liubovisev, V. I. [Beyond the Khatanga River] Za rekoi Khatangoi, Moskva, Gospolitizdat, 1962. 166 p. (Povesti o delnkh i liudiakh partii)

TAYMYR PENINSULA—FAVOSITES

Some new species of Silurian favosite in the central part of the Taymyr Peninsula [with summary in English]. Biul. MOIP. Otd. geol. 37 no. 3 41-51 My-Je '62.

TBILISI see Tiflis

TEA

Dakhtadze, K. E. [Development of tea culture in the U. S. S. R. Razvitie kul'tury chaia v SSSR. Tbilisi, Akad. nauk Gruzinskoi SSR] 1961. 170 p. [In Georgian]
(CU)

TEACHERS, TRAINING OF

Good scientists and teachers are a guaranty of success. Vest vys. shkoly 20 no 10 67-72 O '62.

Improving the qualifications of manual training teachers A. F Kriuchkov. Shkola i proizv 6 no 10 62-65 O '62

Methodological work with the manual training teachers. K P. Korolev. Shkola i proizv. 6 no. 10 66-67 O '62.

Present-day teacher must be the bearer of the ideas of peace, humanism and progress, in the section on pedagogical education. Vest. vys. shkoly 20 no. 10 72-84 O '62.

Retraining of grades 9-11 mathematics teachers of the schools with industrial training A M. Koldashev. Shkola i proizv 6 no. 10 68-69 O '62

Training of teachers at the agrobiological department. IU. D. Petrenko. Shkola i proizv. 6 no 10 59-61 O '62.

TEACHING

(see also subdivision under Lithuania)

Azarov, IU. P. [Feeling, technique and craftsmanship] Chuvstvo, tekhnika, masterstvo. Moskva, Izd-vo "Znanie," 1962. 31 p. (Novoe v zhizni, nauke, tekhnike XI Serila: Pedagogika, no. 20)

The creative work of a teacher. A. Kovalova. Mol. komm. no 10 89-93 O '62

How to make a lesson interesting? P. Sorokin. Prof. -tekh. obr. 19 no. 9 12-13 S '62.

Interconnection of methods in the educational process. A. N. Aleksiuk. Dokl. APN no. 3 26-30 '62.

New schools should have new methods of work. V. Grechishkin. Shkola-int. no. 5 26-30 S-O '62.

Repeating a year can be avoided. Semia i shkola 17 no. 10 10-12 O '62.

Stimulation of students during the teaching process. V. Kh. Shcherbinina. Sred. spets. obr. 0 no. 9 24-26 S '62.

TECHNICAL ASSISTANCE, RUSSIAN

(see also subdivision under Afghanistan; Egypt; Mali)

Instructions for working out plans and estimates for construction abroad with the technical assistance of the U. S. S. R. Biul. strol. tekh. 10 no. 9 8-12 S '62.

TECHNICAL CHEMISTRY see Chemistry, Technical

TECHNICAL EDUCATION

(see also subdivision under India, Kursk)

Editor's mail Sred. spets. obr. 9 no. 9 17, 19, 21, 23, 25, 27, 29, 31, 33 S '62.

Let's improve the quality of the practical training of technicians. K. N. Chernoglazov. Sred. spets. obr. 9 no. 9 7-10 S '62.

Moscow. Otdel narodnogo obrazovaniia. [Handbook for admission to the 9th grade of secondary general technical schools with vocational instruction] Spravochnik dlia postupaiushchikh v 9-e klassy srednikh obshcheobrazovatel'nykh trudovykh politekhnicheskikh shkol s proizvodstvennym obucheniem. Moskva, 1962. 39 p.

On a voluntary basis! N. Ostrovnov. Av. i kosm. 45 no. 10 76-80 '62.

Organization of students' research work. V. A. Usenko. Izv. vys. ucheb. zav. ;tekh. tekst. prom. no 4 149-151 '62.

People's universities of technical development and economic sciences. N E. Tagushev. Mashinostroitel' no. 10 41 O '62.

Practical importance of knowledge. IU Glazkov. Av. i kosm 45 no 6 76 '62

Russia (1917- R. S. F. S. R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. [Handbook of the institutions of higher learning of the Ministry of Higher and Secondary Specialized Education of the R. S. F. S. R.] Obzornyi spravochnik vysshikh uchebnykh zavedenii Ministerstva vysshego i srednego spetsial'nogo obrazovaniia RSFSR. [Moskva] Rosvuzizdat, 1962. 325 p.

Russia (1917- R. S. F. S. R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. [What to be and where to go to study; handbook for admission to secondary specialized schools of the R. S. F. S. R. in 1962] Kem byt', kuda poiti uchit'sia; spravochnik dlia postupaiushchikh v srednie spetsial'nye uchebnye zavedeniia RSFSR v 1962 godu. [Moskva] Rosvuzizdat, 1962. 449 p.

Science era. L. Lifshits. Semia i shkola 17 no. 10 31-35 O '62.

Shibanov, A. A. [Polytechnic and practical training in the rural school] Politekhnicheskoe i proizvodstvennoe obuchenie v sel'skoi shkole. Izd. 4., poiot. i dop Moskva, Izd-vo Akad. pedagog. nauk RSFSR, 1962. 309 p.
(DNAL)

Starting a great life. Pavlo Poznink. Ukraina no. 10 26-27 S '62.

What do you suggest? A. Gundinovich, N. Bezlko Av. i kosm. 45 no. 6 76 '62.

Wide or narrow specialization? Vest. vys. shkoly 20 no. 10 54-60 O '62.

TECHNICAL EDUCATION—EXHIBITIONS

Made by skillful hands. A. Karpushenko. Prof. -tekh. obr. 19 no. 9 26 S '62.

TECHNICAL SOCIETIES

Soviet community is a great power. A. Levina. Mashinostroitel' no. 10 42 O '62.

TECHNICIANS IN INDUSTRY see subdivision under Hungary, Leningrad; United States

TECHNOLOGICAL INNOVATIONS

(see also subdivision under Leningrad)

Abroad. Nauka i zhizn' 28 no. 6 88-90 Je '62.

Abroad. Nauka i zhizn' 28 no. 9 86-89 S '62.

Accounting for expenditures on the development of new machinery. N. Ivanov. Bukhg. uchet 18 no. 9 16-20 S '62.

At various latitudes. Znan. ta pratsia no. 10 10 O '62.

Brief news. Zhil. -kom. khoz. 12 no. 3 34 Mr '62.

Brief news on interesting things. Smena 39 no. 20 32 O '62.

Brief notes on interesting things. Smena 39 no. 21 11 N '62.

Contribution of technology to everyday life. Nauka i zhizn' 28 no. 6 102-103 Je '62.

Efficiency promotion and invention in housing in the capital. V. T. Marchenko. Gor. khoz. Mosk. 36 no. 9 40-43 S '62.

Important potential for increasing labor productivity. Sots. trud 7 no. 10 3-10 O '62.

Improve the economic stimulation for the creation and use of modern technology. E. Vasil'ev, I. Vakhlamov. Sots. trud 7 no. 8 40-47 Ag '62.

Industrial enterprises join the public inspection activities of the All-Union Council of the Scientific and Technical Societies. Kozh. -obuv. prom. 4 no. 10 30-31 O '62.

It is important to know that. Av. i kosm. 45 no. 6 05 '62.

A little about everything. Znan. ta pratsia no. 10 30 O '62.

News in science and technology. Fiz. v shkole 22 no. 4 16-18 Jl-Ag '62.

Organization of the public reviewing of the fulfillment of research work plans and of the utilization of the achievements of science and technology in the national economy. Shvein. prom. no. 5 40-41 S-O '62.

This can be used in your plant. Mashinostroitel' no 1 39-21 O '62.

When work becomes creative. Sov.Soiuz no.11 10 '62.

TECHNOLOGY—BIBLIOGRAPHY see Bibliography—Technology

TEETH—ABNORMITIES AND DEFORMITIES

Frequency and the clinical variability in the anomalous positioning of the canine teeth. O.N.Zoshchuk. Trudy Nauch.-issl. inst.stom. no.10 187-193 '62

Technique of preparing and the experience in the clinical use of a slide "pusher" for the treatment of palatally located incisors. V.N.Volodkin. Trudy Nauch.-issl. inst.stom. no.10 194-199 '62.

TEETH—RADIOGRAPHY

Simplified method for the X-ray determination of the depth of impaction of retained teeth. V.P.Panov. Trudy Nauch.-issl inst.stom. no.10 129-133 '62.

TEETHING see Dentition

TEKELI REGION (KAZAKHSTAN)—MINING ENGINEERING—EQUIPMENT AND SUPPLIES

Automatic and remote control in mines of the Tekeli Combine E E Miroshnik Gor.zhur no 11-58-64 N '62

TELECOMMUNICATION—COSTS

Srapionov, O.S., and S.R.Esikov. [Production costs in the telecommunication industry] Sebestoimost' produktsii v khoziaistve sviazi. Moskva, Sviaz'izdat, 1962. 174 p.

TELECOMMUNICATION—*PRODUCTION STANDARDS*

Faingluz, P.P., and M.A Vlasov. [Establishment of work norms in the communications industry] Tekhnicheskoe normirovanie truda v khoziaistve sviazi. 4 izd. Moskva, Sviaz'izdat, 1962. 229 p

TELEGRAPH—LAWS AND REGULATIONS

Contracts for postal and telegraphic service. G.P. Chub. Vest.Mosk.un.Ser.10 Pravo 17 no.3.43-49 Jl-S '62.

TELEMETERING

Method for coding frequency ratios in automatic devices [with summary in English]. R.M Trakhtenberg Avtom.i telem. 23 no.9:1254-1259 S '62.

Transmitting code-pulse telemetering device. A.A. Abdullaev and others. Prib.i tekh.eksp. no.10 14-15 O '62.

TELEPHONE

Mirskii, A.G., and V.V.Kudinov. [Selective telephone communication in railroad transportation] Izbiratel'naia telefonnaia sviaz' na zheleznodorozhnom transporte. Moskva, Transzheldorizdat, 1962. 227 p.

TELEPHONE, AUTOMATIC

Leningrad. Elektrotekhnicheskii institut sviazi. [Album of sketches and principal diagrams of an ARF-50 crossbar automatic telephone exchange, a supplement to R.A.Avakov and M.M. Podvidz's book "Principles of the design of an ARF-50 crossbar automatic telephone exchange."] Al'bom eskizno-printsipial'nykh skhem koordinatnoi ATS (tipa ARF-50). (Prilozhenie k knige R.A.Avakova, M.M.Podvidza "Osnovy postroeniia avtomaticheskoi telefonnoi stantsii koordinatnoi sistemy" [tipa ARF-50]). Leningrad, 1960. 12 diagrs.

TELEPHONE LINES

Polekhin, S.I. [Crosstalk coupling between telecommunication networks] Vzaimnoe vliianie mezhdu tsepiami sviazi. Moskva, Sviaz'izdat, 1962. 68 p. (Vsesoiuznyi zaochnyi tekhnikum sviazi)

TELESCOPE, RADIO

Within two steps from the stars. A.Golovanov. Iun. tekh. 7 no.10 48-55 O '62.

TELESCOPE, REFLECTING

Navashin, M.S. [Telescope of an amateur astronomer] Teleskop astronoma-liubitelia. Pod red. D.D.Maksutova Moskva, Fizmatgiz, 1962. 375 p

TELEVISION

Big problems of a small screen. R.Boretskii. Sov. pech. no.10:37-39 O '62.

In the hundred languages of peace. G.Kazakov. Sov. pech. no.10:33-36 O '62.

Possibility of transverse aperture compensation by conversion of the image on the target of the camera tube. G.A.Eisengardt. Izv.LETI 57 no.39:68-83 '59.

Scientific session dedicated to Radio Day. Tekh.kino i telev. 6 no.9:91-94 S '62.

A television system with barely visible oscillations in the transient response. N.N.Korovianskii. Izv.LETI 57 no.39:38-55 '59.

[Theoretical principles of electrical transmission of images; television and phototelegraphy] Teoreticheskie osnovy elektricheskoi peredachi izobrazhenii; televidenie i fototelegrafiia. [By] E.L. Orlovskii i dr. Pod obshchei red. A.V.Tarantsova. Moskva, Sovetskoe radio.

Vols.1-2. 1962.

TELEVISION—BIBLIOGRAPHY see Bibliography—Television

TELEVISION—EQUIPMENT AND SUPPLIES see subdivision under Germany, East

TELEVISION—INTERFERENCE

Kneller, N.A., F.I. Krukovets, and N.N. Fetter. [Industrial interference on the screens of television receivers] Industrial'nye pomekhi na ekranakh televizorov. Moskva, Sviaz'izdat, 1962. 65 p. (Biblioteka "Televizionnyi priem," no.4)

TELEVISION—PICTURE TUBES

Kostykov, IU.V. [Television picture tubes] Priemnye televizionnye trubki. Moskva, Gosenergoizdat, 1962. 70 p. (Massovaia radiobiblioteka, no.445)

Shorting of the center filament with the cathode of a kinescope. I.Krutikova. Radio no.10 50 O '62.

TELEVISION—RECEIVERS AND RECEPTION

Amount of discernible brightness gradations in a television system in the presence of noise [with summary in English p.96]. S.I.Kataev, B.P.Khromol. Tekh.kino i telev. 6 no.9:64-69 S '62.

IF amplifier stages for television receivers with PTP-1 and PTK blocks. V.Tripol'skii. Radio no.10:46-47 O '62.

Lomozova, N.Z., and G.M.Kurkakova. [Mass-produced third-class television receivers] Massovye televizionnye priemniki III klassa. Moskva, Sviaz'izdat, 1962. 48 p. (Biblioteka "Televizionnyi priem," no.3)

Malignant television interference. G.Kulikovskaia. Ogonek 40 no.25:17-18 Je '62.

Predistortion of television images [with summary in English on p.96]. N.I.Berlin and others. Tekh.kino i telev. 6 no.9:55-63 S '62.

Use of kinescopes with a "negative." A.Savushkin. *Radio no.10,50 O '62.*

TELEVISION—RECEIVERS AND RECEPTION—TESTING

Site of television sets' examination. G.Kulikovskaia. Iun tekh. 7 no.10 15-20 O '62.

TELEVISION—REPAIRING

Steps for locating and eliminating faults in the vertical sweep stage. A.Andreeva. Radio no.10,48-50 O '62.

Your picture tube is in good order. R.Nemirovskii. Mest.prom.i khud.promys. 3 no.8,26 Ag '62.

TELEVISION AND MUSIC see subdivision under Kiev

TELEVISION BROADCASTING

(see also subdivision under Leningrad; Moscow; Odessa; Tiflis; Tomsk; United States; Uzbekistan; Vladivostok)

Brief news. Sov.rad.i tel. 6 no.5:32 '57.

Foreign chronicle. Sov.rad.i tel. 6 no.6,37 '57.

In the *State Committee for Radiobroadcasting and Television* attached to the Council of Ministers of the U.S.S.R. Sov.rad.i tel. 6 no.6;38-40 '57.

Literature on television. Z.Kutorga. Sov.rad.i tel. 6 no.2;28-29 '57.

Objectives of radio and television workers. D.Chesnokov. Sov.rad.i tel. 6 no.4:1-2 '57.

TELEVISION BROADCASTING—PERIODICALS

Creative quests. A.Donatov. Sov.rad.i tel. 6 no.1: 20-22 '57.

TELEVISION IN ASTRONOMY

Television as a means of popularizing astronomy (from "Wissen und Leben," no.6, 1962). Priroda 51 no.10,116-117 O '62.

TELEVISION IN EDUCATION

Television in education. L.Preesman. Shkola-int. no.5:30-32 S-O '62.

TELEVISION IN SCIENCE

Results of an electroencephaloscopic study of the paranoid form of schizophrenia using neurotonics and neuroleptics. N.IA. Belen'kaia. Trudy Gos.nauch.-issl.inst.psikh. 27:208-211 '61.

TELEVISION PLAYS see subdivision under Erivan

TELEVISION STATIONS

(see also subdivision under Berlin, Prague)

In the State Committee for Radiobroadcasting and Television. Sov.rad.i tel. 6 no.5:10 '57.

TELLURIUM

Polarographic determination of selenium and tellurium. G.M. Zhiteneva, IU.V. Rumiantsev. Trudy Vost.-Sib. fil. AN SSSR no.41:155-157 '62.

TELLURIUM—ELECTRIC PROPERTIES

Thermoelectric properties of tellurium at low temperatures. I.N.Timchenko, S.S.Shalyt. Fiz.tver.tela 4 no.4:934-945 Ap '62.

TELLURIUM—ELECTROMETALLURGY

Improve the quality of commercial tellurium. A.N. Polukarov. *TSvet.met.* 35 no.10:63-68 O '62.

TELLURIUM—ISOTOPES

Separation of tellurium without carrier from a CaCl target irradiated with protons having an energy of 660-Mev. V.N.Rybakov, Van Chuan'-pen [Wang Ch'uan-p'êng], Min Nam Buk. Radiokhimiia 4 no.3;340-345 '62.

TELLURIUM CRYSTALS

Some microhardness characteristics of [illegible] crystals due to small additions of [illegible] ration, V.N. Lampe, R.V. Sokhanova, [illegible] fiz. 3,124-126 '62.

TEMIR-TAU—COMMUNIST EDUCATION

Political indoctrination in dormitories [illegible] Part zhizn' Kazakh no.6 66-68 Je '62

TEMPERATURE—PHYSIOLOGICAL EFFECT

Astaurov, B.L., and others. [Effect of high temperatures on silkworm eggs] Deistvie vysokikh temperatur na grenu shelkovichnogo chervia. Moskva, [illegible] Akad. nauk SSSR, 1962. 124 p. (DNAI.)

Experiments with short periodical lowering of temperature in mulberry silkworm feeding. A.N.Ivan[illegible] Uch.zap.Biol.-pochv.fak.Kir.un. no.7:91 [illegible]

TEMPERATURE REGULATORS

An automatic noncontact ATR-1 temperature regulator for grain driers. M.M Pomichev, IU.G. Ilin[illegible] O.M. Popov. Vest.elektroprom. 33 no.9:74 [illegible]

Regulating temperature conditions of air-cooled [illegible] I.D. Panchenko. Vlanvk sil'khoz.nauky 5 no.5 [illegible] 5 '62.

System for regulating microclimate parameters [illegible] houses. A.M. Kaminskii. Vest elektroprom. [illegible] 21-24 S '62.

TEMPERING

Influence of annealing on the spatial distribution [illegible] radiation defects in silicon. B.IA. Il'kov. [illegible] tela 4 no.4:851-854 Ap '62.

TEMPORARY EMPLOYMENT

Temporary substitution. V.Anchenov. [illegible] no.8:130-142 Ag '62.

TEMPOROMANDIBULAR JOINT—ANKYLOSIS

Correction of microgenia caused by ankylosis of the temporomandibular joint. G.I.Semenchenko. Nauch.-issl. inst.stom. no.10 19-21 '62.

Surgical treatment of ankylosis of the temporomandibular joint. V.A. Lukianenko. Trudy Nauch.-issl. inst. stom. no.10;25-33 '62.

TENSIOMETERS

Horna, Otakar. [Tensometer bridge networks. Translated from the Czech.] Tenzometricheskie mosty. Pod red. N.P.Raevskogo. Moskva, Gosenergoizdat, 1962. 333 p.

The GTS-9 tensometer stand. A.B. Sokolovskii [illegible] elektroprom. 33 no.9:73-74 S '62.

TENT CATERPILLARS see subdivision under [illegible]

TENTS

Equations for the calculation of textile-fabric shells [with summary in English]. V.M. Glodarev. [illegible] mekh. 8 no.6,613-618 '62.

TERBIUM—ANALYSIS

Quantitative determination of terbium in mixtures of rare earth elements of the yttrium subgroup. [illegible] Gornyi. Ukr.khim.zhur. 28 no.3:391-395 '62.

TEREK—HISTORY

Samarin, F.I. [In the rebellious years; the Bolshevik organization of Groznyy in the forefront of the struggle for Soviet power in the years of the first Russian revolution] Na Terek] V miatezhnye gody; bol'shevistskaia [illegible] avangarde bor'by za leninskuiu taktiku v gody pervoi russkoi revoliutsii na Tereke. [Groznyi] Checheno-Ingushskoe knizhnoe izd-vo, 1961. 191 p. Bibl. (MII)

TERPENES

Use of chlorinated terpenes in the control of pests of agricultural crops. V.A. Sanin. Khim.prom. [illegible] no.1:31-36 Ja-Mr '62.

TEREPHTHALIC ACID

Catalytic hydrogenation of terephthalic acid dimethyl ester. S.Z. Lovin, I.S. Diner, G.S. Gurevich. Neftekhimiia 2 no.4 566-572 Jl-Ag '62.

Continuous method of production of terephthalic acid by the liquid phase oxidation of m-xylene. L.G. Ma[illegible] kovskaia and others. Neftekhimiia 2 no.4 [illegible] Jl-Ag '62.

Polyethylene terephthalate films (lavsan) with grafted polystyrene. V.V. Korshak, D.IA. TSvankin, [illegible] P Krukovskii. Dokl.AN SSSR 146 no.6:1347-1349 O '62.

Preparation of terephthalic acid by the oxidation of p-diacetylbenzene. A.I. Kamneva and others. Neftekhimiia 2 no.4:636-640 Jl-Ag '62.

TERMEZ—CIVIC IMPROVEMENT

Ancient town becomes beautiful. G.Koshelkov. Uzbekistan 21 no.9:6 S '62.

TERRACES (GEOLOGY) see subdivision under Don Valley

TERRAMYCIN

Effectiveness of terramycin in experimental anaplasmosis in cattle. P. A. Bitiukov. Trudy NIVI 1 90-99 '60

TERSKEI ALA-TAU—FUNGI, PHYTOPATHOGENIC

New species of fungi of the Terskei Ala-Tau in the Kirghiz S.S.R. A. A. Domasheva. Bot. mat. Otd. spor. rast. 15:97-99 Ja '62.

TESTING LABORATORIES

(see also subdivision under Chernovtsy)

Base and central testing laboratories in enterprises. Z. A. Dymshits. Izm. tekh. no. 10 60-61 O '62.

TESTING LABORATORIES—PERIODICALS

Conference of readers of the journal "Zavodskaia laboratoriia." Zav. lab. 28 no. 10 1275 '62

TESTING MACHINES

Akademiia stroitel'stva i arkhitektury SSSR. Institut stroitel'nykh konstruktsii. [Investigating the operation of machines and instruments used in testing building materials and elements] Issledovanie raboty mashin i priborov, primeniaemykh pri ispytanii stroitel'nykh materialov konstruktsii. Pod red. IU. N. Morozova. Moskva, Gosstroiizdat.
No. 1. 1960. 198 p.
[MICROFILM]

Exchange of experience. Zav. lab. 28 no. 10 1259-1261 '62

Instrumentation of hydropulsating racks manufactured in the Soviet Union. IU. N. Morozov and others. Zav. lab. 28 no. 10, 1270-1274 '62.

TESTING MACHINES—ABSTRACTS

[Precision instruments and testing equipment] Ref. zhur. Otd. vyp. 40: Prib. toch. mekh. i isp. ust. nos. 21-22 N '62.

TESTING MACHINES—STANDARDS

Basic requirements for fuel sampling and sample processing machines. N. V. Grek. Obog. i brik. ugl. no. 24:45-48 '62.

TESTOSTERONE

Effect of testosterone propionate on the conditioned reflex activity of aging dogs. Z. N. Gendzelevskaia. Trudy Gos. nauch.-issl. inst. patfh. 27 340-350 '61.

TETANUS

(see also subdivision under Khar'kov Province)

Method for preparing sorbed tetanus anatoxin from a purified and concentrated toxin [with summary in English]. A. A. Vorobiev and others. Zhur. mikrobiol., epid. i immun. 33 no. 8:107-112 Ag '62.

Study of the immunological effectiveness of complex immunization against gas gangrene, tetanus, and botulism in experiments on monkeys [with summary in English]. S. A. Zelevinskaia, T. I. Bulatova, I. A. Larina. Biul. eksp. biol. i med. 53 no. 6:59-62 Je '62.

TETEREV VALLEY—GEOLOGY, STRATIGRAPHIC

New data on the stratigraphic correlation of the Teterev-Bug series of the Ukrainian Pre-Cambrian [with summary in English]. V. V. Smirnyi. Vest. LGU 17 no. 18: 47-55 '62.

TETRACYCLINE

Absolute configuration of tetracycline antibiotics. V. N. Dobrynin and others. Izv. AN SSSR. Otd. khim. nauk no. 9:1697 S '62.

Stimulating effect of antibiotics from the tetracycline group on the absorptive function of the reticuloendothelial system [with summary in English]. G. IA. Kivman, N. A. Kolinina. Biul. eksp. biol. i med. 53 no. 6:46-48 Je '62.

TETRALOGY OF FALLOT

Repeated surgery in the tetralogy of Fallot [with summary in English]. N. K. Galankin and others. Grud. khir. no. 4:25-32 Jl-Ag '62.

TETRAZOLE—SPECTRA

Study of azide-tetrazole tautomerism with the aid of infrared spectroscopy. I. IA. Postovskii and others. Izv. AN SSSR. Ser. fiz. no. 10 1298-1300 O '62.

TEXTILE FABRICS

Bleaching of fabrics made from a mixture of cotton and viscose spun rayon. L. A. Gotovtseva and others. Nauch.-issl. trudy IvNITI 25:145-153 '61.

Simplified method of continuous alkali-peroxide bleaching of fabrics. L. A. Gotovtseva and others. Nauch.-issl. trudy IvNITI 25, 154-162 '61.

Use of phosphates in peroxide bleaching of fabrics. M. G. Shikher, Z. P. Ezhova. Nauch.-issl. trudy IvNITI 25:113-123 '61.

Using the cotton machinery for the processing of viscose curly mat fibers in a mixture with cotton. G. A. Terent'ev. Nauch.-issl. trudy IvNITI 25:30-41 '61.

TEXTILE FABRICS—TESTING

Effect of the structural elements of the fabric on its permeability to air. M. D. Men'shikova. Nauch.-issl. trudy IvNITI 25, 77-94 '61.

The "R-5" relaxometer for determining the deformation components of fabrics. P. A. Kolesnikov, A. M. Shpaer, N. IA. Tret'iakova. Shvein. prom. no. 5 34-37 S-O '62.

Studying the process of the shaping of textile clothing parts. Report No. 1: The change of the angle between warp and weft yarn as an index of the pliability of the fabric. E. A. Ivanova, A. V. Savostitskii. Izv. vys. ucheb. zav.; tekh. leg. prom. no. 4:108-118 '62.

TEXTILE FACTORIES—HYGIENIC ASPECTS see subdivision under Moscow

TEXTILE FIBERS, SYNTHETIC

(see also subdivision under Kiev)

Characteristics of the processing of fabrics containing lavsan fibers. A. M. Shpaer, Z. A. Laliashvili, V. V. Bernatskaia. Shvein. prom. no. 5 26-30 S-O '62

Handling of fabrics containing lavsan fibers. K. K. Podl'emshchikova, N. D. Petrov. Shvein. prom. no. 5 30-32 S-O '62

Kursk "lavsan." L. Bykova. Agitator no. 23:25-27 D '62.

Manufacture of men's suits from fabrics with lavsan content. P. I. Pozhitok. Shvein. prom. no. 5 33-34 S-O '62.

Privezentsev, V. A., and A. O. Magidson. [Artificial and synthetic fibers and films for electrical insulation] Iskusstvennye i sinteticheskie volokna i plenki dlia elektricheskoi izoliatsii. Moskva, Gosenergoizdat, 1962. 111 p. (Polimery v elektroizoliatsionnoi tekhnike, no. 3)

The stars of Svetlogorsk. P. Prykhodzika. Belarus' 19 no. 10:14-15 O '62.

TEXTILE INDUSTRY

(see also subdivision under Gorki, Grodno, Moscow)

Aggregate time consumed by production in the textile industry. V. Isaiskii. Sots. trud 7 no. 10:97-99 O '62.

TEXTILE INDUSTRY—LABOR PRODUCTIVITY see subdivision under Ivanovo Province

TEXTILE MACHINERY

(see also subdivision under Kolomna)

Automatic device for the skipping of fabric seams on machines for finishing operations. A. K. Rastorguev. Izv. vys. ucheb. zav.; tekh. tekst. prom. no. 4:122-126 '62.

Automatic spindleless remover of linens from scutchers. I. V. Fomadchin, V. N. Nazarov, R. K. Razikov. Biul. tekh.-ekon. inform. Gos. nauch.-issl. inst. nauch. i tekh. inform. no. 10:52-53 '62.

TEXTILE MACHINERY—TESTING

Investigating the sliding of the belt in a sizing machinery unit. A. I. Shchegolev. Nauch.-issl. trudy IvNITI 25 183-214 '61.

TEXTILE PRINTING see subdivision under Ivanovo

TEXTILE RESEARCH

(see also subdivision under Leningrad)

Organization of students' research work. V. A. Usenko. Izv. vys. ucheb. zav.; tekh. tekst. prom. no. 4:149-151 '62.

TEXTILE WORKERS see subdivision under Leningrad, Tiflis

THALLIUM

Removal of mercury, cadmium, and zinc from gallium, indium, and thallium, by the distillation of impurities in a high temperature vacuum. A. A. Shukol, L. F. Kozin. Ukr. khim. zhur. 28 no. 6:699-702 '62.

THALLIUM—ISOTOPES

Chemical identification of phosphorus and thallium in quantitative neutron activation analysis. E. A. Isaeva and others. Radiokhimiia 4 no. 3:345-350 '62

THALLIUM COMPOUNDS

New compounds of trivalent thallium halides with 3, 3'- and 4, 4'-dipyridyl. F. IA. Kul'ba, V. E. Mironov, L. P. Rozhanovskaia. Zhur. neorg. khim. 7 no. 10:2320-2322 O '62.

THALLIUM SULFATE

Ternary system consisting of lithium, thallium, and lead sulfates. A. G. Bergman, V. V. Keropian, E. L. Bakumskaia. Zhur. neorg. khim. 7 no. 10:2447-2448 O '62.

THALLIUM-TIN ALLOYS

Phase diagram of thallium-tin alloys. A. N. Zakharov, E. G. Poniatovskii. Zhur. neorg. khim. 7 no. 10:2374-2377 O '62.

THEATER

(see also subdivision under Buryat-Mongolia; France; Georgia, Germany, West; India; Kazan; Lvov; Moscow; Novosibirsk; Ordzhonikidze; Samarkand; Sofia; Sukhumi; Voronezh, White Russia; Yoshkar-Ola)

Expert of the spoken word. E. Malenko. Teatr 23 no. 10:158 O '62.

Living fairy tale. N. Gulbaeva. Ogonek 40 no. 25:25 Je '62.

News from Lugansk and other cities. Teatr 23 no. 10: 142, 150, 152-153 O '62.

THEATER—DICTIONARIES

"Theatrical encyclopedia," Vol. 1. Reviewed by L. Freidkina. Teatr 23 no. 10:133-137 O '62.

THEATER—PRODUCTION AND DIRECTION

Popov, A. D. [Performance and stage-direction] Spektakl' i rezhisser. Moskva, Vsesoiuz. teatral'noe ob-vo, 1961. 126 p.
(MH)

THEATER—STAGE SETTING AND SCENERY

Ryndin, V. F. [Creating an artistic set-up for a performance] Kak sozdaetsia khudozhestvennoe oformlenie spektaklia. Moskva, Izd-vo Akad. khudozh. SSSR, 1962. 39 p. (Biblioteka po izobrazitel'nomu iskusstvu dlia narodnykh universitetov kul'tury, khudozhestvennoi samodeiatel'nosti i shkol'nykh bibliotek)

THERAPEUTICS—CONGRESSES

S'ezd terapevtov Ukrainskoi SSR, 7th, 1957. [Transactions of the 7th Congress of Therapeutists of the Ukrainian S.S.R.] Trudy. Kiev, Gosmedizdat USSR, 1962. 610 p.
(DNLM)

THERAPEUTICS—STUDY AND TEACHING see subdivision under *Moscow Province*

THERMAL RESISTORS see Thermistors

THERMAL STRESSES

Axisymmetric problem in thermoelasticity. V. A. Shashnev. Izv. AN SSSR. Otd. tekh. nauk. Mekh. i mashinostr. no. 5:75-78 S-O '62.

Effect of stresses on defects in silicide layers on molybdenum. V. E. Ivanov and others. Fiz. met. i metalloved. 14 no. 4:574-577 O '62.

Nonstationary thermal elastoplastic stresses in a hollow cylinder in case of an exponential timely change in surface temperature. A. S. Lelikin. Probl. prochn. v mashinostr. no. 9:67-72 '62.

Reaction of improved 12MKh and 12KhMF steels to the thermal cycle in welding. F. M. Kuzmak, V. A. Krokhin. Avtom. svar. 15 no. 11 11-20 N '62.

Relieving residual welding stresses in thin-sheet titanium alloy specimens. S. A. Kurkin, Guan' I Sino [Kuan Chi'ing]. Svar. proiz-v no. 10, 1-5 O '62.

Scientific conference on thermal stresses in structural elements. Iu. M. Shevchenko. Prykl. mekh. 8 no. 6: 663-664 '62.

Solution of the contact problem in thermoelasticity in case of an axial symmetry. N. M. Borodachev. Izv. AN SSSR. Otd. tekh. nauk. Mekh. i mashinostr. no. 5:86-90 S-O '62.

Temperature conditions of roughing rolls on continuous thin-sheet mills. A. P. Chekmarev and others. Nauch. trudy DMI no. 40:121-131 '62.

Thermal stresses in a rectangular wedge. I. N. Danilova. Izv. AN SSSR. Otd. tekh. nauk. Mekh. i mashinostr. no. 5: 80-85 S-O '62.

Thermoelastic problem for a cylinder with cavities. A. S. Kosmodamianskii. Prykl. mekh. 8 no. 6:671-675 '62.

THERMISTORS

Measuring the temperature of collector plates and windings of the auxiliary poles of diesel locomotive electric traction engines during the movement of the train. A. P. Chirkin, M. K. Gavrilenko, I. P. Poltavskii. Trudy KhIIT no. 52:34-55 '61.

THERMOCHEMISTRY

Sorption of water vapors by hydrophilic high polymers. Part 9: Investigation of the structural changes of polycaprolactam based on sorption and thermochemical data. E. F. Nekrasch, Z. A. Samchenko. Ukr. khim. zhur. 28 no. 6:703-706 '62.

Thermal decomposition of oxalic acid and bivalent metal oxalates. B. V. Strizhkov, A. V. Lapitskii, L. G. Vlasov. Zhur. neorg. khim. 7 no. 10:2352-2356 O '62.

Thermal effects of the exchange reactions of salts containing analogous ions with different charges. N. K. Voskresenskaia, E. L. Krivovlazov. Zhur. neorg. khim. 7 no. 10, 2426-2433 O '62.

THERMODYNAMIC PROPERTIES

[Thermodynamic properties of individual substances; reference guide in two volumes] Termodinamicheskie svoistva individual'nykh veshchestv; spravochnik v dvukh tomakh. Izd. 2., polnost'iu perer. i rasshirennoe. Pod red. V. P. Glushko (otv. red.) i dr. Moskva, Izd-vo Akad. nauk, SSSR.
Vol. 1. [Calculation of thermodynamic properties] Vychislenie termodinamicheskikh svoistv. 1962. 1161 p.
Vol. 2. [Tables of thermodynamic properties] Tablitsy termodinamicheskikh svoistv. 1962. 916 p.

THERMODYNAMICS

Results of some heat engineering investigations. V. D. Usufova. Trudy ENIN AN Azerb. SSR 15:100-104 '62.

Thermal decomposition of indium sulfate. N. A. Khvorostukhina, IU. V. Rumiantsev, I. K. Skobeev. Trudy Vost. Sib. fil. AN SSSR no. 41 83-90 '62.

Thermodynamic properties of the spin system of copper potassium and chromium potassium *sulfates.* K. P. Sitnikov. Fiz. tver. tela 4 no. 4:801-805 Ap '62.

Thermodynamics of nonlinear fluctuation and dissipation processes. R. L. Stratonovich. Vest. Mosk. un. Ser. 3: Fiz., astr. 17 no. 5:16-20 S-O '62.

THERMOMAGNETISM

Nature of the thermal instability of the residual induction in permanent magnets of MnBi alloy powders. IA.S. Shur, A. ... er, E.V Shtol'ts. Fiz.met.i metalloved. 14 no.4 523-528 O '62

Thermodynamic theory of materials presenting the possibility of the coexistence of ferromagnetism and antiferromagnetism. Part 2 Temperature dependence of parameters determining magnetic conditions in the form of a magnetization curve. K.B Vlasov, A.I. Mitsek Fiz.met.i metalloved 14 no.4 498-502 O '62

THERMOMETERS

Bimetal feeler-type thermometer. L.A.Shestopalov. Biul.tekh.-ekon.inform.Gos nauch.-issl.inst.nauch. i tekh.inform. no.10 46-47 '62.

THERMOMETRY

Quantitative thermometric analysis of binary gas mixtures B A Mirtov, A G Starkova Zav lab 28 no.10 1194-1197 '62

Zedginidze, G P. [Measuring the temperature of rotating machine parts] Izmerenie temperatury vrashchaiushchikhsia detalei mashin Moskva, Mashgiz, 1962. 270 p

THERMONUCLEAR REACTIONS

Konferentsiia po fizike plazmy i probleme upravliaemykh termoiadernykh reaktsii. 1st, Kharkov, 1959. [Plasma physics and the problems of controlled thermonuclear synthesis, reports] Fizika plazmy i problemy upravliaemogo termoiadernogo sinteza; doklady. Kiev, Izd-vo Akad. nauk USSR, 1962. 175 p.

THERMOPHILIC BACTERIA see Bacteria, Thermophilic

THIADIAZOLE

Effect of 4-oxo-6-imino-2,1-pyrimidine-3-thiadiazole and its combination with some other antitumorous preparations on the growth of Ehrlich's tumor. T.F.Guseva, N.I.Vol'fson, L.V Zolotova. Trudy Len.khim.-farm inst. no 13:142-149 '61.

THIAMINE

Some data on thiamine metabolism in the organs in experimental tuberculosis. T.I.Zlatkina. K izuch. roli nerv sist.v pat., immun.i lech.tub. no.2:256-261 '61.

THIAZOLINE

Polymethine dyes, derivatives of substituted thiazolines. T.G.Gnevysheva, I.I.Levkoev. Dokl.AN SSSR 146 no.5 1081-1083 O '62.

THICKNESS MEASUREMENT

Automatic regulation of the width of plastic films using radioactive isotopes N I Osipov, IU IA Loznovskii Izv LETI 59 no.46:308-318 '62

Using the method of eddy currents for measuring the thickness of electroplated coatings on flat parts. IU.A. Vygoda. Priborostroenie no.10:19-21 O '62.

THIOBORONIC ACID

Esters of propane-1,3-diboronic and propane-1,3-dithioboronic acids B M. Mikhailov, V F Pozdnev. Izv. AN SSSR Otd khim nauk no 10 1861-1863 O '62

THIOCYANATES

Determination of the composition and stability constants of rhodanide complexes of $Am^{(III)}$, $Cm^{(III)}$, and $Ce^{(III)}$ by the ion exchange method. I.A.Lebedev, G.N IAkovlev. Radiokhimiia 4 no.3:304-308 '62.

Extraction of carbazoline-thiocyanate complexes of metals. M M Tananaiko, G N Vinokurova. Ukr. khim zhur 28 no.5 651-652 '62

Study of sulfocyanate in the blood serum of schizophrenics. A.S Tiganov. Trudy Gos.nauch.-issl.inst. psikh. 27:147-150 '61

Kinetics of the establishment of adsorption equilibrium during leaching studied with the aid of radioactive indicators. I.E.Starik, K.F.Lazarev. Radiokhimiia 4 no.3:322-328 '62.

THORIUM SALICYLATE

Thorium salicylates. K.N.Kovalenko, D.V.Kazachenko, E.M.Ivanova. Zhur neorg.khim. 7 no.10:2310-2344 O '62

THORIUM SILICATES

Thorosteenstrupine, a new thorium silicate I.I.Kuprianova, T.I.Stoliarova, G.A.Sidorenko. Zap. Vses. min.ob-va 91 no.3:325-330 '62.

THOUGHT AND THINKING

Akademiia nauk SSSR. Institut filosofii. [Dialectic and logic, the forms of thinking] Dialektika i logika; formy myshleniia Moskva, Izd-vo Akad nauk SSSR, 1962. 311 p

Characteristics of indistinctly expressed disorders of thinking in schizophrenia. IU.F. Polikov. Trudy Gos. nauch.-issl. inst psikh. 27:87-96 '61.

Significance of "slipping" in schizophrenic thought and its pathophysiological basis K.I. Koshkareva. Trudy Gos. nauch.-issl. inst. psikh 27:97-100 '61

THREONINE

Effect of choline and threonine on fatty infiltration of the liver caused by choline and protein deficiency [with summary in English]. M.N.Volgarev, N.M.Fil'chagin. Vop.pit. 21 no.3:40-47 My-Je '62.

THRESHING—HYGIENIC ASPECTS

Mycobacterial contamination of air in threshing areas [in Armenian with summary in Russian]. A.K.Dashtoian. Izv.AN Arm.SSR. Biol.nauki 15 no.7:71-79 '62.

THROMBELASTOGRAPHY

Study of the process of thrombogenesis by means of thrombelastography. A.Z.Serikova. Vest.AMN SSSR 17 no.7:51-59 '62.

THROMBOSIS

State of blood coagulation and fibrinolysis in the diagnosis of thrombosis and hemorrhages in surgical interventions on the heart [with summary in English]. S.A. Kolesnikov, E.P.Stepanian. Grud.khir. no.4:40-43 Jl-Ag '62.

Study of the process of thrombogenesis by means of thrombelastography. A.Z.Serikova. Vest.AMN SSSR 17 no.7:54-59 '62.

THUNDERSTORMS see subdivision under Azerbaijan

THYMUS GLAND

Effect produced by gonadotropin on the state of DNA in the thymus of sexually immature rats. A.A.Beketova, A.M.Kuzin. Dokl.AN SSSR 146 no.5:1201-1203 O '62.

THYOCYANATES

Complex formation in the system cobalt ion - nitron - thiocyanate. Composition and absorption spectra of the nitron-thiocyanate complex of cobalt in dichloroethane. V N.Tolmachev, A S. Babenko. Ukr. khim. zhur 28 no 5 550-555 '62.

THYPHOID FEVER

Effect of serotonin (5-hydroxytryptamine) and 5-hydroxytryptophan on the mortality of animals in experimental pneumococcal infection and typhoid intoxication [with summary in English]. Z.A.Popenenkova, T.N.Zavenigina. Biul.eksp.biol.i med. 53 no.6:48-51 Je '62.

THYRATRONS

Problem concerning the mechanism of the development of discharge in high-voltage sectionalized thyratorns. A A. Potsar, IU. A. Bystrov. Izv. LETI 59 no. 46:14-22 '62.

THYROID GLAND

Effect of diets containing different quantities of vitamin A and iodine on the state of the thyroid gland in rats [with summary in English]. N.B. Lutsiuk. Vop. pit. 21 no.3:9-14 My-Je '62.

Function of the thyroid gland in compensatory hypertrophy of the kidneys and ovaries [with summary in English]. V.S.Genes, Sh.M.Chikvashvili. Biul.eksp. biol.i med. 53 no.6:10-23 Je '62.

Functional state of the thyroid gland in experimental tuberculosis. N.R.Turupanova. K izuch.roli nerv. sist.v pat., immun.i lech.tub. no.2:174-182 '61.

Mechanism of the functional disorder of the thyroid gland in schizophrenia. A.I.Belkin. Trudy Gos.nauch.-issl.inst.psikh. 27:64-68 '61.

Secretory cycle of the thyroid gland in experimental neurosis [with summary in English]. M.G.Amiragova. Biul.eksp.biol.i med. 53 no.6:15-19 Je '62.

THYROID GLAND—DISEASES
(see also subdivision under Poltava Province)

Effect of ginseng on basal metabolism in thyrotoxicosis. V.E.Prishvina, N.V.Chakasova. Trudy Khab.med. inst. no.20:156-161 '60.

TICKS
(see also subdivision under Kyzyl Kum; Pamir Province, Tselinograd Province)

Cases of cannibalism in the tick Ornithodorus papillipes under laboratory conditions. I.D Mel'chakova ... Inst.zool AN Kazakh. SSR 16:211-212 '62

TICKS—HOST ANIMALS see subdivision under Kazakhstan

TICKS AS CARRIERS OF DISEASE
(see also subdivision under Aral Sea region)

Effectiveness of syntomycin treatment in the tick-borne and biotic forms of exanthematous typhus. K.I.Kireeva, A.P.Katusha. Trudy Khab.med.inst. no.3: 114-118 '60.

Epidemiological and etiological characteristics of ... in Asiatic tick-borne exanthematous typhus in the Armizonskoye District of Tyumen' Province [with summary in English]. N.V.Vonbelkhina. Zhur.mikrobiol. epid.i immun. 33 no.4:47-53 Ap '62.

History of the study of tick-borne rickettsial diseases in the Maritime Territory. G.P.Somov. Zhur.mikrobiol., epid.i immun. 33 no.4:49-47 Ap '62.

Neuropsychiatric characteristics of chronic progressive tick-borne encephalitis. I.B.Galant. Trudy Irk.med. inst. no.20,108-113 '60.

TIDAL POWER see subdivision under White Sea

TIEN SHAN—FUNGI

New species of fungi from the central Tien Shan. A.A. Domashova, N.A.Gamaliitskaia. Bot.mat.Otd.sporov. rast. 15:74-80 Ja '62.

TIEN SHAN—PASTURES AND MEADOWS

Comparative characteristics of changes in the vegetative cover and population dynamics of the beetle species in dry steppe pastures in the Issyk-kul' and Naryn ... [with summary in English]. N.V.Tsalevich. Biul. MOIP, Otd.biol. 67 no.4:40-61 Jl-Ag '62.

TIEN SHAN—PEGMATITES

Composition of quartz inclusions from pegmatites of ... dantal V S Polykovskii Zap Vses min ob-va ... 172-477 '62.

TIEN SHAN—QUARTZ

Composition of quartz inclusions from pegmatites of ... dantal V S Polykovskii Zap Vses min ob-va ... 472-477 '62.

TIEN SHAN—STEPPE FLORA

Festuca sulcata steppe in central Tien Shan. A.A. Golovkova. Uch.zap.Biol.-pochv.fak.Kir.un. ... 301-312 '58.

TIEN SHAN REGION—GEOLOGY, STRUCTURAL

The scheme of the tectonic regionalization of Tien Shan and adjacent regions. V.G.Korolev. Izv.Kir.fil. Geog.ob-va SSSR no.3:81-102 '61.

TIFLIS—ELECTRICITY, INJURIES FROM

Some characteristics of deaths from the action of electricity according to autopsy materials from the city of Tiflis. K.R. Abashidze. Vop. elektropat.i elektroterap. 1:31-36 '61.

TIFLIS—GUIDEBOOKS

Dzhavrishvili, K. [Tiflis; concise guidebook] Tbilisi; kratkii putevoditel'. Tbilisi, Sabchota Sakartvelo, 1961. 110 p illus.

TIFLIS—TELEVISION BROADCASTING

First programs of the Tiflis Television Studio. G.Kvaradzhev. Sov.rad.i tel, 6 no.4:29 '57.

TIFLIS—TEXTILE WORKERS

We are five sisters..., Tamara Lagadze. Sov.profsoiuzy 16 no.20:20-21 O '62.

TIKHOV, GAVRIIL ADRIANOVICH, 1875-1960

Gavriil Adrianovich Tikhov; obituary. N.I.Kuchinov. Izv.GAO 22 no.2:2-5 '61.

TIKSI—ASTRONOMICAL PHOTOGRAPHY

Some features of the structural forms of auroras from observations in Tiksi Bay. S.K.Vsekhsviatskii. Shor.rab.po mezhdunar.geofiz.godu no.1:52-57 '61.

TIKSI—RADAR METEOROLOGY

Geometric characteristics of reflections from auroras and their connection with the state of the magnetic ... from observations in Tiksi Bay made from October to December 1958. E.A. Ponomarev. Shor.rab.po mezhdunar.geofiz.godu no.1:67-75 '61.

Radar observations of auroras in Tiksi Bay in 1958. N.N. Blizniuk. Shor.rab.po mezhdunar.geofiz.godu no.1:76-81 '61.

TILES

Akademiia budivnytstva i arkhitektury URSR. Institut stroitel'nykh materialov i izdelii. [Colored ceramic facing materials] Kol'orovi keramichni oblytsiuval'ni. Za red. A.V. Zhukova. Kyiv, Derzhbudvydav URSR, 1962. 86 p.

Manufacturing petroleum shale tiles for floors A.E Zarubitskii. Shor. trud VNIINSM no.5:108-114 '61.

Technology of the production of colored two-layer polymer-bituminous tiles. I.V. Provintsev, V.P. Pankratov. Shor. trud. VNIINSM no.5:29-37 '61

TILLAGE
(see also subdivision under Cherkassy Province, Lithuania, Russia, Northwestern, Ukraine)
Mukhamedzhanov, M. V. [Crop rotation and subsoiling in cotton regions] Sovocheroty i uglubienie pakhotnogo sloia pochvy v raionakh khlopkovodstva. Tashkent, Izd-vo Akad. nauk Uzbekskoi SSR, 1962. 263 p. (DNAL)

TIMAN RIDGE—GAS, NATURAL—GEOLOGY
Gas and gas-core surveying in the northeastern slope of the central Timan Ridge. I. V. Bukin. Izv. vys. uch. zav.; geol. i razv. 5 no. 7 87-94 Jl '62.

TIMAN RIDGE—GEOLOGY
Tectonic position of the Kislyy Ruchey series in the Riphean folded basement of the Timan. V. S. Zhuravlev, M. I. Osadchuk. Dokl. AN SSSR 146 no. 5,1156-1159 O '62.

TIMAN RIDGE—GEOLOGY, STRATIGRAPHIC
Recent data on the lithological and mineral composition and arrangement of Middle Devonian deposits in the Ukhta region of the southern Timan. V. A. Kalinenkyi, N. G. Pykhova. Dokl. AN SSSR 146 no. 3:662-665 S '62.

TIN
Dialkyltin. N. N. Zemlianskii, E. M. Panov, K. A. Kocheshkov. Dokl. AN SSSR 146 no. 6:1335-1336 O '62.
Lugov, S. F. [How to search for tin] Kak iskat' olovo. Izd. 2. Moskva, Gosgeoltekhizdat, 1962. 25 p. (Bibliotechka iskatelia poleznykh iskopaemykh)
Resonance scattering of γ-quanta on Sn^{116} nuclei [with summary in English] D. K. Kaipov and others. Zhur. eksp. i teor. fiz. 43 no. 3 908-912 '62

TIN—ANALYSIS
Color reaction for tin with the formation of a ternary complex of tin-iron (II)-dimethylglyoxime. P. B. Mikhel'son. Ukr. khim. zhur. 28 no. 5 643-644 '62
Detection of As, Sb, and Sn present together and in a mixture with other cations by means of paper precipitation chromatography. Iu. M. Labil. Ukr. khim. zhur. 28 no. 5:641-643 '62

TIN—ELECTROMETALLURGY
Contact reduction of tin from a chloride solution by pulverized zinc. V. I. Butanov, V. N. Kriukova, A. V. Gubeidulina. Trudy Vost. Sib. fil. AN SSSR no. 41 19-22 '62.
Electrowinning of tin from chloride solutions in baths with rotating cathodes. V. I. Butanov. Trudy Vost. Sib. fil. AN SSSR no. 41 15-18 '62.
Investigating conditions for the obtention of waste slags during the smelting of tin concentrates in electric furnaces. O. M. Katkov. Trudy Vost. Sib. fil. AN SSSR no. 41 33-38 '62.

TIN-CADMIUM ALLOYS see Cadmium-tin alloys

TIN CHLORIDE
Determining tin chloride vapor pressure at low temperatures. V. I. Butanov, Iu. S. Shafrinskii. Trudy Vost. Sib. fil. AN SSSR no. 41 29-32 '62.

TIN COMPOUNDS
Color reaction for tin with the formation of a ternary complex of tin-iron (II)-dimethylglyoxime. P. B. Mikhel'son. Ukr. khim. zhur. 28 no. 5 643-644 '62.

TIN CRYSTALS
Anisotropy of the Mössbauer effect in β-tin single crystals [with summary in English]. N. E. Alekseevskii and others. Zhur. eksp. i teor. fiz. 43 no. 3:790-794 '62.

TIN CRYSTALS—ELECTRIC PROPERTIES
Tunnel effect in massive tin. N. V. Zavaritskii. Zhur. eksp. i teor. fiz. 43 no. 3:1123-1125 '62.

TIN ORES
Hot granulation of tin concentrates. V. I. Butanov. Trudy Vost. Sib. fil. AN SSSR no. 41 11-14 '62.

TIN ORGANIC COMPOUNDS—SPECTRA
Vibrational and rotational spectra of trimethylchlorosilane, triethylchlorosilane, and triethylchlorostannane. V. F. Volkov, N. N. Vyshinskii, N. K. Rudnevskii. Izv. AN SSSR, Ser. fiz. no. 10 1282-1285 O '62
Vibrational spectra of tin and lead organic compounds and their analytical application. N. N. Vyshinskii, Iu. A. Aleksandrov, N. K. Rudnevskii. Izv. AN SSSR Ser. fiz. no. 10,1285-1287 O '62.

TIN-THALLIUM ALLOYS see Thallium-tin alloys

TINNING
Interaction between dissimilar steels in liquid tin. B. I. Bruk, R. N. Grishmanovskaia, V. G. Markov. Izv. AN SSSR, Otd. tekh. nauk, Met. i topl. no. 5:212-219 S-O '62.

TIRES, RUBBER
Equipment for the manufacture of tires abroad. A. V. Saltykov. Biul. tekh.-ekon. inform. Gos. nauch.-issl. inst. nauch. i tekh. inform. no. 10:83-87 '62.

TISSUE CULTURE
Hemoculture method for the quantitative determination of hemopoietins [with summary in English]. M. G. Kakhetelidze. Biul. eksp. biol. i med. 53 no. 6:99-102 Je '62.

TISSUES—INNERVATION
Mechanism of the direct depressing effect of streptomycin on tissue chemoreceptors. I. E. Gabel', E. IA. Gel'man, G. S. Kan. Izv. Akad. med. nauk SSSR, Otd. eksper. biol. i med. 27 no. 2:323-326 '61.
Study of the effect of vitamin D_2 on the excitability of tissue chemoreceptors in healthy animals. G. G. Dzhvarsheishvili. Izv. Akad. med. nauk SSSR, Otd. eksper. biol. i med. 27 no. 2:365-368 '61

TISSUES—PRESERVATION
Change in the activity of phosphomonoesterases related to the preservation of the homogenate [in Armenian with summary in Russian]. G. T. Adanis, L. V. Sarkisian. Izv. AN Arm. SSSR, Biol. nauki 15 no. 7 13-22 Jl '62.

TITANIUM
Inflammability of titanium and its alloys. N. V. Manuev. Izv. vys. ucheb. zav., chern. met. 5 no. 9:197-206 '62

TITANIUM—CORROSION
Effect of organic additions on the solution of titanium in sulfuric acid. A. P. Brynza, L. I. Gerasutina, T. N. Klochek. Ukr. khim. zhur. 28 no. 3,306-308 '62.

TITANIUM—TESTING
Mechanism of high-temperature oxidation of titanium. S. S. Mozhaev, L. F. Sokirianskii, I. S. Anikov. Fiz. met. i metalloved. 14 no. 4,637-638 O '62.

TITANIUM—WELDING
Relieving residual welding stresses in thin-sheet titanium alloy specimens. S. A. Kurdin, Guan'Tsino [Kuan Chi'ao]. Svar. proizv. no. 10 1-5 O '62
"Soft" chamber for the welding of titanium and its alloys. L. M. Berson. Svar. proizv. no. 10 36-38 O '62.

TITANIUM ALLOYS—METALLOGRAPHY
Certain structural and concentration characteristics of altered layers on titanium alloys. N. M. Pul'tsin. Izv. vys. ucheb. zav.; tsvet. met. 5 no. 5:137-140 '62.

TITANIUM ALLOYS—WELDING
Mechanical properties of welded joints in OT4-1 with BT5-1 titanium alloys. I. F. Kobylianskii, V. D. Peshekhonov. Svar. proizv. no. 10 13-14 O '62

TITANIUM-ALUMINUM ALLOYS
Elastic properties of alloys of the titanium - aluminum system. S. G. Fedotov, T. T. Nartova, L. P. Sinodova. Dokl. AN SSSR 146 no. 6,1377-1379 O '62.

TITANIUM-ALUMINUM ALLOYS—TESTING
Effect of aluminum on the mechanical properties of titanium alloys. V. S. Mikheev, T. S. Chernova. Izv. AN SSSR, Otd. tekh. nauk, Met. i topl. no. 5:139-142 S-O '62.

TITANIUM-COBALT-CHROMIUM ALLOYS see Cobalt-chromium-titanium alloys

TITANIUM COMPOUNDS
Chlorination of titanium-bearing materials. D. M. Chizhikov, V. N. Korsunskaia. Izv. AN SSSR, Otd. tekh. nauk, Met. i topl. no. 5:74-80 S-O '62.
Study of some titanium complexes by the metal indicator method. M. I. Shtokalo. Ukr. khim. zhur. 28 no. 5:555-561 '62.

TITANIUM-NICKEL ALLOYS
Phase diagram of titanium-aluminum-nickel alloys. U Zhen Kan [Wu Jên-kâng], M. I. Zamotorin. Zhur. neorg. khim. 7 no. 10:2376-2381 O '62.

TITANIUM-NIOBIUM ALLOYS see Niobium-titanium alloys

TITANIUM ORGANIC COMPOUNDS
Polyorganotitanosiloxanes in solutions. S. R. Rafikov and others. Izv. AN SSSR, Otd. khim. nauk no. 9 1581-1584 S '62.

TITANOMAGNETITE see subdivision under Ural Mountains

TKACH, DMYTRO
Maturity of a writer. Leonid Khinkulov. Sov. Ukr. no. 9: 174-176 S '62.

TKACHEV, PETR NIKITICH, 1840-1885
P. N. Tkachev's economic views. O. Pastrovich. Nauch. dokl. vys. shkoly, ekon. nauki no. 5:87-94 '62.

TOBACCO
(see also subdivision under Kumo District)
Effect of calcium and magnesium carbonates on the tobacco yield [in Armenian with summary in Russian]. R. A. Edilian, E. T. Matevosian. Izv. Glav. upr. sel'khoz. nauk i podgot. kad. Arm. SSR 5 no. 7:45-54 '62.

TOBACCO—CURING
Investigating the water-insoluble fraction of the nitrous substances of tobacco during the period of fermentation. A. D. Vasiunina. Izv. vys. ucheb. zav.; pishch. tekh. no. 5,47-51 '62.
Tobacco fermentation in the bulk state and the increase of labor productivity. A. K. Putintsev, N. N. Kolesnikov. Izv. vys. ucheb. zav.; pishch. tekh. no. 5:12-15 '62.

TOBACCO—ROOT ROT
Pathogenicity of the root rot of tobacco in various tobacco growing regions of the U. S. S. R. I. N. Pisareva, T. M. Matvienko. Agrobiologiia no. 1 100-106 My-Je '62.

TOKMAK (KIRGHIZSTAN)—PEAT—ANALYSIS
Chemical study of peat from the Tokmak deposit. L. G. Druzhinin, A. B. Bugubaev, K. I. Kunygina. Uch. zap. Biol.-pochv. fak. Kir. un. no. 7,145-151 '60.

TOLERANCE (ENGINEERING)
Tolerance limits and the possibility of rolling merchant shapes in multiple lines. G. G. Pobegailo. Trudy Inst. chern. met. AN UkrSSR 17 140-141 '62.

TOLSTOI, LEV NIKOLAEVICH, 1828-1910
Arzamas. Gosudarstvennyi pedagogicheskii institut. [L. N. Tolstoi, textbook] L. N. Tolstoi, uchebno-molodicheskoe posobie. Arzamas, 1961. 156 p. (MH)
How L. Tolstoi's social and political works were used in the revolutionary propaganda of the first Social Democrats in Chita. S. F. Kovalʹ, V. F. Agalʹkov. Ist. arkh. 8 no. 1:225-226 Jl-Ag '62.
In order to prevent temptation. V. Prokopenko. Nauka i rel. 4 no. 11:12-14 N '62.
L. N. Tolstoi in Peredan publications. A. Z. Rozenfeld. Nar. Az. i Afr. no. 5 165-169 '62.
L. N. Tolstoi on children's literature. B. Bukker. Shkola-int. no. 5 91-94 S-O '62.
Lev Tolstoi on the field of Borodino. Viktor Shklovskii. Ogonek 40 no. 11:18-19 O '62.
Potapov, I. A. [L. Tolstoi's epic novel "War and peace." Roman-epopeia L. Tolstogo "Voina i mir." [Stalingrad] Stalingradskoe knizhnoe izd-vo, 1961. 30 p.
[Yasnaya Polyana collection; articles and materials for the year 1962] [Asnopolianskii sbornik; stat'i i materialy, god 1962-i. [Tula] Tul'skoe knizhnoe izd-vo, 1962. 206 p.

TOLUENESULFONIC ACID
Vascular reactivity during the treatment with pirilen and hexonium of the cerebral forms of hypertension [with summary in English]. Z. N. Druzheva, E. P. Zogonov et al. Vrach. delo no. 10:13-18 O '62.

TOMSK—SOCIAL SCIENCES—STUDY AND TEACHING
Take care of the most important. V. Tikhonov. Komsom. zhizn' no. 12 17-18 Je '62.

TOMSK—TELEVISION BROADCASTING
In a new studio. V. Blyndin. Sov. rad. i tel. 8 no. 5 30-31 '57.

TOMSK PROVINCE—RELIGION
Chernov, A. Z. [Religious sects of Tomsk Province] O religioznykh sektakh Tomskoi oblasti. [Tomsk] Tomskoe knizhnoe izd-vo, 1960. 55 p. illus. (MH)

TOMSK PROVINCE—SECTS
Chernov, A. Z. [Religious sects of Tomsk Province] O religioznykh sektakh Tomskoi oblasti. [Tomsk] Tomskoe knizhnoe izd-vo, 1960. 55 p. illus. (MH)

TONGUE
Effect of the state of the nervous system on the absorptive capacity of the tongue; an experimental study. A. I. Marchenko. Trudy Nauch.-issl. inst. stom. no. 10 122-126 '62.

TONKOV, VLADIMIR NIKOLAEVICH, 1872-1954
Symposium in memory of V. N. Tonkov. M. S. Spirov. Vrach. delo no. 10:158 O '62.

TONSILS—DISEASES
State of the humoral factors of nervous excitation and phagocytic activity of the leucocytes in chronic tonsillitis in children [with summary in English]. R. A. Kalinenkaia, T. S. Krasavina. Pediatriia no. 8:54-61 '62.

TOOL STEEL—FATIGUE
Cyclic strength of hardened tool steels. L. E. Kolosov, T. A. Lebedev. Metalloved. i term. obr. met. no. 10: 15-19 O '62.

TOOL STEEL—HARDENING
Rapid heating of forging dies for hardening. A. A. Asinʹev, E. K. Kovshikov, F. N. Tavadze. Metalloved. i term. obr. met. no. 10:41-44 O '62.
Selecting optimal temperatures for the hardening of certain die steels. L. A. Poznyak, F. S. Shtein, L. M. Orlova. Metalloved. i term. obr. met. no. 10 45-50 O '62.

TOOL STEEL—HEAT TREATMENT
Studying the possibility of the magnetic quality control of the hardening and tempering of certain tool steels. I. K. Kupalova. Fiz. met. i metalloved. 14 no. 4:530-534 O '62.

TOOL STEEL—TESTING
Fatigue strength during the compression of tool steel. E. Zhmikhorskii. Metalloved. i term. obr. met. no. 10:24-28 O '62.

TOPOGRAPHIC MAPS see subdivision under Ararat region

TOPOGRAPHIC SURVEYING

Planning a field observation in mountainous regions. P.M.Vonov Geod.i kart. no.9:48-50 S '62.

TOPOLOGY

Asymptotic behavior of compositions of measures on a complex unimodular group. V.N.Tutubalin. Dokl.AN SSSR 146 no.6 1285-1289 O '62.

Cones in normalized structures [with summary in English]. G.IA Lozanovskii. Vest.LGU 17 no.19:148-150 '62

Fourier transformations of fast growing infinitely differentiable functions. V.P.Palamodov Trudy Mosk.mat ob-va 11 309-350 '62

Kinds of stratified space A.S Shvarts. Trudy Mosk. mat ob-va 11 99-126 '62

Subgroups of continuous transformations and homeomorphisms of a simple arc. L.B.Shneperman. Dokl.AN SSSR 146 no.6:1301-1304 O '62.

Theory of algebraic linear groups. V.P.Platonov. Dokl.AN SSSR 146 no.5 1025-1026 O '62.

Theory of differential equations with low coefficients at the derivatives in linear topological spaces. V.M. Millionshchikov. Dokl.AN SSSR 146 no.5:1021-1024 O '62.

TORQUE

Contact arc and the torque arm coefficient considering the elastic compression of the rolls. A.A.Dinnik. Nauch.trudy DMI no.48:205-215 '62.

Experimental determination of the torque arm during the cold rolling of alloyed steels. M.M.Saf'ian, V.P. Kholodnyi. Nauch.trudy DMI no.48 228-238 '62.

Torque distribution among rolls during the rolling of beams V A.Terfaev. Trudy Inst.chern.met. AN URSR 17:125-129 '62.

TORSION

Creep of copper and copper-nickel alloys under torsion. L.N.Bystrov, L.I.Ivanov, D.A.Prokoshkin. Izv.AN SSSR.Otd.tekh.nauk.Met.i topl. no.5:197-200 S-O '62.

TORSION--MEASUREMENT

Device for measuring torsion moments. I I Margolin, I P Ivanov. Izv vys ucheb zav , gor.zhur 5 no 8 133-135 '62

TORSION BALANCE

Theory of the vertical torsion balance. B.V.Gran. Uch. zap. LGU 303 278-287 '62.

TOTEMISM

Present-day studies on the problem of totemism [with summary in English, p.182]. D.E.Khaitun. Vop.filos. 16 no.10:110-117 '62.

TOUCH

Stochastic theory of perception. Report No.7. Specific aspects of the reduction of the amount of tactile perception required to identify letter pattern. L.Arana, E.N.Sokolov. Dokl.APN no.3:77-81 '62.

TOULOUSE, FRANCE--HUGUENOTS

The great deed of the Ferney patriarch. Georgii Borin. Nauka i rel. no.5:56-59 My '62.

TOWING

Advantage of half-section trains. B.Bogdanov. Rech. transp. 21 no.10,29-31 O '62.

Contracts for towing. Inform.shor.TSNIIMF no.46 Mor.pravo i prak. no.8,37-44 '60.

TOXEMIA

Late outcomes of late pregnancy toxemias with changes in the fundus oculi. M.N.Krol'. Sov.med. 26 no.8: 132-136 Ag '62.

TOXINS AND ANTITOXINS

Cytotoxic action of the diphtherial toxin on a tissue culture. Report No.1. Z.I.Galunina i M.Sheftel'. Zhur [illegible]

TOYS

Their number is growing.... B.Grachev. Mest.prom. i khud.promys. 3 no.8,34-36 Ag '62.

Toys for tots. E.Frukht. Semia i shkola 17 no.10 41 O '62.

TRACE ELEMENTS
(see also subdivision under Ural Mountains)

Content of trace elements in various plant organs. G.V.Porutskii, V.P.Golovchenko, S.V.Cherednichenko. Dokl.AN SSSR 146 no.5:1223-1225 O '62.

Parallel accessory minerals in coal seams of the Bureya Basin. L.S.Alekseev Geol i geofiz no.8:65-75 '62.

Role of microelements in nitrogen fixation [with summary in English]. N.B.Krylova. Izv.AN SSSR.Ser biol. no.5:718-731 S-O '62.

Seasonal dynamics of the mobile forms of microelements and iron in floodplain soils of the widening of the Moskva River in the Ramenskoye region. G.P.Bondarenko. Nauch.dokl.vys.shkoly; biol.nauki no.4,202-207 '62.

Trace element fertilizers in agriculture. IA.V.Peive. Zhur.VKHO 7 no.5:512-540 '62.

TRACK ATHLETICS

Markovich, L.IU., and V.L.Sechkin, comps. [Tables for evaluating results in track athletics] Tablitsy otsenki rezul'tatov v leg'koi atletike. Odobreny Federatsiei legkoi atletiki SSSR. Moskva, Izd-vo "Fizkul'tura i sport," 1962. 294 p.

Soiuz sportivnykh obshchestv i organizatsii SSSR. TSentral'nyi sovet. [Track; competition rules] Legkaia atletika; pravila sorevnovanii. Moskva, Fizkul'tura i sport, 1962. 131 p.

TRACTOR INDUSTRY
(see also subdivision under Volgograd)

At tractor plants [with English summary in appendix]. P.Afonin. Vnesh.torg. 42 no.10 10-42 '62.

TRACTORS

Converted bearings of the T-40 tractor. L.Butenkov. Tekh.v sel'khoz. 22 no.8:75-76 Ag '62.

Kal'bus, G.L. [Principles of the operation of tractor hitching systems] Osnovy ekspluatatsii navesnykh sistem traktorov. Kiev, Izd-vo Ukrainskoi akad. sel'khoz. nauk, 1962. 210 p.

Novomirskii, S.P. [Laboratory and practical study of tractors] Laboratorno-prakticheskie zaniatiia po traktoram. Izd.2., ispr. Moskva, Sel'khozizdat, 1962. 294 p.

Turbin, B.G. [Agricultural machinery; organization and technique of tractor operation] Sel'skokhoziaistvennye mashiny, organizatsiia i tekhnologiia proizvodstva traktornykh rabot. Leningrad, Gos. izd-vo sel'khoz. lit-ry, 1960. 543 p.
(DNAL)

TRACTORS--ABSTRACTS

[Tractors and agricultural machinery] Ref. zhur. Otd. vyp. 44: Trakt. i sel'khoz. mash. no. 22 N '62.

TRACTORS--DESIGN AND CONSTRUCTION

Bespalyi, F.S., and I.F.Trotskii [Theory and design of tractors] Teoriia, konstruktsiia i raschet traktorov. Moskva, Mashgiz, 1961. 479 p.

Tractor with a thousand gears. E.Muslin. Nauka i zhizn' 29 no.6:28-29 Je '62.

TRACTORS--ENGINES

Khimki. TSentral'nyi nauchno-issledovatel'skii institut mekhanizatsii i energetiki lesnoi promyshlennosti. [Album of working drawings of the basic parts and units of the TDT-60 tractor] Al'bom rabochikh chertezhei osnovnykh detalei i uzlov traktora TDT-60. Moskva, Goslesbumizdat. (Tipovaia tekhnologiia remonta lesozagotovitel'nykh mashin i mekhanizmov)
Pt.1. [The D60T engine] Dvigatel' D60T. 1962. 224 p.

Problems in designing a two-cycle tractor engine with a loop scavenging. M.G.Kruglov, N.P.Kozlov, V.I. Ivin. Izv.vys.ucheb.zav., mashinostr. no.5:124-129 '62

TRACTORS--ENGINES--SUPERCHARGERS

Results of turbocharging of the KDM-100 engines. B.P. Batkov and others. Izv.vys.ucheb.zav.; mashinostr. no.5:37-46 '62

TRACTORS--HYDRAULIC EQUIPMENT

Increase in the life of gear-driven pumps. A.Parfenov, V.Solov'ev, V.Pashkov. Tekh.v sel'khoz. 22 no.8: 72-75 Ag '62.

TRACTORS--MAINTENANCE AND REPAIR

Andronov, V.I. [Long life to the steel horse] Stal'nomu koniu - dolgiiu zhizn'. [Moskva] Mosk. rabochii, 1961. 22 p. (Liudi, dela, plany)
(DNAL)

Flushing-out of the lubrication system of a stationary motor. V.Bovda. Tekh.v sel'khoz. 22 no.8:46-48 Ag '62.

Livshits, L.G., and A.V.Poliachenko. [Reconditioning motor-vehicle and tractor parts] Vosstanovlenie avto-traktornykh detalei. Moskva, Sel'khozizdat, 1962. 319 p.

Maksimenko, V.G. [Take care of your tractor] Ukhazhivai za svoim traktorom. [Moskva] Mosk. rabochii, 1962. 21 p. (Sovety molodomu mekhanizatoru)
(DNAL)

Strokov, V.P. [Long life to technology] Tekhnike - dolgiiu zhizn'. [Moskva] Mosk. rabochii, 1962. 28 p. (Ikh opyt dostupen vsem)

We need a good manual on tractors. A.Poltaranin. Tekh.v sel'khoz. 22 no.8,92 Ag '62.

TRACTORS--REPAIRING

Rebuilding of the defective heads of cylinder blocks. A.Kalashnikov. Tekh.v sel'khoz. 22 no.8:92-93 Ag '62.

Reconditioning of the fitting of the rims of guide wheels. D.Baranov. Tekh.v sel'khoz. 22 no.8:97 Ag '62.

TRADE UNIONS
(see also subdivision under Brazil; Bulgaria, Czechoslovakia; Germany, East, Germany, West, Indonesia; Iran; Japan; Minsk; Sverdlovsk Province; Turkmenistan; United States, White Russia; Yunsheng, China)

Communism is created by the millions. A.Il'ichev. Sov. profsoiuzy 18 no.20:31-33 O '62.

Departments operating on a volunteer basis. Mat.Pl 22 no.10:46 O '62.

Exchange of trade-union delegations. D.D.Ivanov. Vsem.prof.dvizh. no.8/9:39-41 Ag-S '62.

For a further increase in trade-union work. P.F. Shelakhin. Razved.i okh.nedr 28 no.6:58-60 Je '62.

Foreign friends. V.Zelentsov. Zhil.-kom.khoz. 12 no.3:5 Mr '62.

Labor protection is a matter of national importance. I.Anisimova. Mest.prom.i khud.promys. 3 no.8:18-19 Ag '62.

Let's train socially conscious builders of communism. Zhil.-kom.khoz. 12 no.3:2 Mr '62.

Noting the successes and revealing the shortcomings. Zhil.-kom.khoz. 12 no.3:4-5 Mr '62.

Petrova, A.I. [Soviet trade-unions during the reconstruction period, 1921 - 1925] Sovetskie profsoiuzy v vosstanovitel'nyi period, 1921-1925 gg. [Moskva] Profizdat, 1962. 94 p.

Raspopkin, F.P., comp. [Rural trade-union work] Profsoiuznaia rabota na sele. [Moskva] Profizdat, 1960. 107 p.
(NNC)

Tomorrow we shall show the same solidarity with the Algerian people as we did yesterday. S.Dzhurtubaev. Vsem.prof.dvizh. no.8/9:12-16 Ag-S '62.

Trade unions and the improvement of industrial management. V.Prokhorov. Part.zhizn' no.22 15-24 N '62.

When work is appreciated.... P.Karpov. Sov.profsoiuzy 18 no.20:13-14 O '62.

TRADE UNIONS--CONGRESSES

Forty-five years of the Great October Revolution. Sov. profsoiuzy 18 no.20:2-3 O '62.

International trade-union conference on the economic and social consequences of the Common Market. F.S. Vsem.prof.dvizh. no.8/9:17-18 Ag-S '62.

We are strong enough to attain the preservation of peace. Renato Bitocci. Vsem.prof.dvizh. no.8/9:1-2 Ag-S '62.

The working class of Cyprus and the trade unions' operating program. A.Zlatikeos. Vsem.prof.dvizh. no.8/9:21-22 Ag-S '62.

The voice of trade unions at the Congress for Disarmament and Peace. Yvette Joye. Vsem.prof.dvizh. no.8/9:42-45 Ag-S '62.

TRADE UNIONS--OFFICERS
(see also subdivision under Gorkiy)

Please meet our trade-union organizer. V.Shestakov. Sov.profsoiuzy 18 no.20:24-25 O '62.

We are five sisters.... Tamara Lagadze. Sov.profsoiuzy 18 no.20:20-21 O '62.

You can't adhere to the old times. G.Podel'shchik. Sov.profsoiuzy 18 no.20:10-12 O '62.

TRAFFIC ACCIDENTS see subdivision under Moscow

TRAFFIC ENGINEERING see subdivision under Moscow

TRAFFIC REGULATIONS

Borovskii, B.E., M.D.Ponov, and M.IA.Pronshtein. [Manual for automobilists] Spravochnaia kniga avtomobilista. Pod red. IA.I.Pronshteina. [Leningrad] Lenizdat, 1962. 482 p.

How to understand. Za bezop.dvizh. 5 no.6:10-11 Je '62.

TRAFFIC SAFETY see subdivision under Moscow

TRAFFIC SAFETY--BIBLIOGRAPHY see Bibliography--Traffic safety

TRAFFIC SIGNS AND SIGNALS

Signs should be put up in this manner. Za bezop.dvizh. 5 no.6:6-7 Je '62.

TRAFFIC VIOLATIONS

Responsibility of tractor operators for traffic violations I Sapozhnikov. Sots.zakon. 32 no.11:63-65 N '62

TRANS-ILI ALA-TAU—AFFORESTATION

Effect of shading on the preservation of Siberian larch seedlings in the Trans-Ili Ala-Tau. G.Kh. Bukeikhanov. Vest. sel'khoz. nauki [Kazakh.] 5 no 8:75-79 Jl '62.

TRANS-ILI ALA-TAU—LARCH

Effect of shading on the preservation of Siberian larch seedlings in the Trans-Ili Ala-Tau. G.Kh. Bukeikhanov. Vest. sel'khoz. nauki [Kazakh.] 5 no.8,75-79 Jl '62.

TRANS-ILI ALA-TAU—LICE

Lice of rodents in the Trans-Ili Ala-Tau. N.A. Bezukladnikova. Trudy Inst. zool. AN Kazakh. SSR 16:200-205 '62.

TRANS-ILI ALA-TAU—PARASITES—RODENTIA

Lice of rodents in the Trans-Ili Ala-Tau. N.A. Bezukladnikova. Trudy Inst. zool. AN Kazakh. SSR 16:200-205 '62.

Trichomonas in the intestines of murine rodents of the Trans-Ili Ala-Tau S.M. Pak Trudy Inst zool AN Kazakh. SSR 16:36-41 '62.

TRANS-ILI ALA-TAU—TRICHOMONAS

Trichomonas in the intestines of murine rodents of the Trans-Ili Ala-Tau. S.M. Pak. Trudy Inst. zool AN Kazakh. SSR 16 no. 36-41 '62.

TRANSBAIKALIA—BERTRANDITE

Bertrandite from the tungsten deposit of eastern Transbaikalia [with summary in English]. L.F. Syritso. Vest. LGU 17 no.18:124-128 '62.

TRANSBAIKALIA—FOREST INFLUENCES

Microclimatic investigations in the mountain forests of Transbaikalia A.P. Voloshina Trudy Inst. lesa i drev 54:5-29 '62

TRANSBAIKALIA—GOLD ORES

Retreatment of unyielding gold-bearing Transbaikalia ores. I.K. Skobeev. Trudy Vost Sib. fil AN SSSR no. 41:132-144 '62.

TRANSBAIKALIA—GRANITE—MAPS

Using geophysical methods for isolating granitoids in eastern Transbaikalia. IA.D. Fedorenko. Sov. geol. 5 no.10:112-120 O '62.

TRANSBAIKALIA—INSCRIPTIONS, RUNIC

Runic signs and inscriptions recently discovered in Transbaikalia. E.R. Rygdylon, P.P. Khoroshikh. Trudy BKNII no. 6 202-213 '61.

TRANSBAIKALIA—LANDFORMS

Eolian relief of Transbaikalia. I.M. Ostrovskii. Biul. MOIP. Otd. geol. 37 no.3:141-142 My-Je '62.

TRANSBAIKALIA—MOLYBDENUM ORES

Prospecting for stockwork-type molybdenum deposits. G.G. Kalutskii. Razved. i okh. nedr 28 no. 5:11-17 My '62.

TRANSBAIKALIA—NONFERROUS METALS

Rare and scattered elements in Transbaikalia complex metal ores A.F. Li, N.N Burlutskaia Trudy Vost. Sib. fil. AN SSSR no. 41:63-66 '62.

Ways to increase the efficiency of Transbaikalia complex metal ore dressing. M.L. Pevzner. Trudy Vost. Sib. fil. AN SSSR no. 41:39-45 '62.

Ways to increase the recovery of lead from Transbaikalia complex metal ores I.M Kulikov Trudy Vost. Sib. fil AN SSSR no 41:46-56 '62.

TRANSBAIKALIA—ORE DEPOSITS

Conditions governing the formation of the stockwork deposit associated with volcanic vents (Transbaikalia). N.D. Tikhonov. Izv. vys. uch. zav.; geol. i razv. 5 no. 7:76-86 Jl '62.

Shultiy, F.A. [Geology and metallogeny of eastern Transbaikalia] Geologiia i metallogeniia Vostochnogo Zabaikal'ia. Moskva, Izd-vo Akad. nauk SSSR, 1962 78 p.

Taldykina, K.S. [Mineralogy of complex metal deposits of the Klichka group in eastern Transbaikalia (Savva No.5, Pochekuyevo, and Klichka)] Mineralogiia polimetallicheskikh mestorozhdenii Klichkinskoi gruppy Vostochnogo Zabaikal'ia (Savinskoe No.5, Pochekuevskoe i Klichkinskoe). Moskva, Izd-vo, Akad. nauk SSSR, 1962. 120 p. (Akademiia nauk SSSR. Geologicheskii muzei. Trudy, no. 10)

TRANSBAIKALIA—PEASANTS

Class differentiation of Transbaikalian peasants. P.T. Khapaev. Trudy BKNII no. 6:50-61 '61.

TRANSBAIKALIA—PROSPECTING—GEOPHYSICAL METHOD

Using geophysical methods for isolating granitoids in eastern Transbaikalia. IA.D. Fedorenko. Sov. geol. 5 no.10:112-120 O '62.

TRANSBAIKALIA—SONGS

Songs of the Transbaikalian miners of the 18th century. L.E. Eliasov. Trudy BKNII no. 6:143-160 '61.

TRANSBAIKALIA—TUNGSTEN ORES

Bertrandite from the tungsten deposit of eastern Transbaikalia [with summary in English]. L.F. Syritso. Vest. LGU 17 no.18:124-128 '62.

TRANSBAIKALIA—WOLFRAMITE

Concerning the article by A.D. Shcheglov "Genesis of wolframite deposits in Transbaikalia." V.F. Barabanov. Vest. LGU 17 no.18:134-142 '62.

TRANSCARPATHIA—ANDESITES

Mysterious formations in the andesite lava of Transcarpathia. V.V. Zolotukhin. Biul. MOIP. Otd. geol. 37 no.3:102-103 My-Je '62.

TRANSCARPATHIA—MAGNETIC ANOMALIES

Magnetic anomalies of Transcarpathia and their geological interpretation. G.I. Kruglikova. Geoming. i ser. 2 no 5:976-984 S-O '62.

TRANSCARPATHIA—SAWFLIES

A new species of sawflies of the genus Ametastegia A. Costa (Hymenoptera, Tenthredinidae) from Transcarpathia. I.I. Bokotei. Ent. obozr. 41 no.3:625-626 '62.

TRANSCARPATHIA—VITICULTURE—COSTS

Costs in viticulture and ways of reducing them, as exemplified in Transcarpathia. M.I. Babych. Pyt. elon. sil'. hosp. URSR no 4:152-155 '61.

TRANSCAUCASIA—ANTIQUITIES

Dzhaparidze, Otar. [History of Georgian tribes at an early stage of the brass and bronze culture. K istorii gruzinskikh plemen na rannei stadii mednobronzovoi kul'tury. Tbilisi, Izd-vo Tbilisskogo gos. univ.] 1961. 286 p. [In Georgian with summaries in Russian and English]
(MH)

TRANSCAUCASIA—BEETLES

New species of Coleoptera from Transcaucasia. S.M. Khnzorian Zool. abor. no. 12:99-124 '62.

TRANSCAUCASIA—ECONOMIC CONDITIONS

Seminar-soveshchanie na temu: "Sovetskoe Zakavkaz'e v bratskoi sem'e narodov SSSR." Baku, 1961. [Materials of an interrepublic conference on "Soviet Transcaucasia in the fraternal family of Soviet peoples."] Materialy. Baku, Azerbaidzhanskoe gos. izd-vo, 1961. 362 p.

TRANSCAUCASIA—GELECHIIDAE

Distribution of the mallow moth Pectinophora malvella Hb. (Lepidoptera, Gelechiidae) in Transcaucasia and its development on various species of the mallow family [with summary in English]. M.A. Bulyginskaia. Ent. obozr. 41 no.3:516-531 '62.

TRANSCAUCASIA—HISTORY

Sarkisov, A.A. [Lenin's "Iskra" and the Bolshevik press of Transcaucasia] Leninskaia "Iskra" i bol'shevistskaia pechat' Zakavkaz'ia. Erevan, Aipetrat, 1961. 128 p.
(WU)

TRANSCAUCASIA—INDUSTRIES

Prospects for developing Transcaucasia. G.A. Kocharian. Vop. geog. no. 57 226-235 '62.

TRANSCAUCASIA—MALLOW—DISEASES AND PESTS

Distribution of the mallow moth Pectinophora malvella Hb. (Lepidoptera, Gelechiidae) in Transcaucasia and its development on various species of the mallow family [with summary in English]. M.A. Bulyginskaia. Ent. obozr. 41 no.3:516-531 '62.

TRANSCAUCASIA—NATIONALITIES

Seminar-soveshchanie na temu: "Sovetskoe Zakavkaz'e v bratskoi sem'e narodov SSSR." Baku, 1961. [Materials of an interrepublic conference on "Soviet Transcaucasia in the fraternal family of Soviet peoples."] Materialy. Baku, Azerbaidzhanskoe gos. izd-vo, 1961. 362 p.

TRANSDUCERS

Concerning the choice of field excitation frequency ferrite probes used in magnetic flaw detection. I.I. Kifer, M.S. TSepliaeva. Izv. vys. ucheb. zav. elektromekh. 5 no.6:687-689 '62.

Designing induction pickups. IU.S. Rusin. Prihorostroenie no.10,5 O '62.

Horna, Otakar. [Tensometer bridge networks. Translated from the Czech.] Tenzometricheskie mosty. Pod. red. N.P. Raevskogo. Moskva, Gosenergoizdat, 1962. 333 p.

Some problems concerning the theory of electrokinetic converters. M.S. Kasim-Zade. Trudy ENIN AN Azerb. SSR 15:103-121 '62.

TRANSDUCTORS see Magnetic Amplifiers

TRANSFORMATIONS, FOURIER see Fourier transformations

TRANSIENTS (ELECTRICITY)

Calculation of transient processes of a choke-type asynchronous electric drive. A.V. Golovanov. Izv. LETI 57 no.39:163-175 '59.

Transient electrical processes in living tissue. V.E. Manoilov, M.S. Glazenap. Izv. LETI 59 no 46:169-178 '62.

TRANSISTOR AMPLIFIERS

Standard semiconductor amplifier for automatic potentiometers and bridges. N.S. Nikolaenko. Prihorostroenie no.10:9-11 O '62.

Study of a phase sensitive transistor d.c. amplifier. V.N. Kacharin. Izv. LETI 57 no.39:176-184 '59.

TRANSISTOR CIRCUITS

Characteristics of a tunnel diode detector. IU.I. Voronstsov, L.V. Poliakov. Radiotekh. i elektron. 7 no. 10: 1643-1644 O '62.

Stability of the center frequency of an oscillator containing a p-n junction capacitance. V.P. Domin, V.I. Samoilenko. Trudy MAI no. 150:35-38 '62.

TRANSISTOR RADIOS

An addition to the article "Pocket radios with straight amplification." Radio no.10 60 O '62.

Pocket radio with straight amplification. V. Plotnikov. Radio no.10,41-43 O '62.

TRANSISTORIZED RADIO RECEIVERS see Transistor radios

TRANSISTORS

Behavior of transistors in presence of weak signals at temperatures ranging from -60°C to +60°C L. Khermandorf, G. Khokh. Izv. vys. ucheb. zav. elektromekh 5 no.6:650-658 '62.

Detection operation of transistor diodes. V.I. Samoilenko. Trudy MAI no. 150,5-10 '62.

Effect of a transistor detector on the characteristics of an oscillatory circuit. V.I. Samoilenko. Trudy MAI no. 150:11-22 '62.

Heat factors in the operation of transistor devices. V.I. Samoilenko, I.I. Mezentsev. Trudy MAI no. 150:72-02 '62.

Parameters and equivalent networks of transistors. IA. Fedotov. Radio no. 10, 37-40 O '62.

Period of free oscillations in a circuit containing a nonlinear p-n junction capacitance. V.P. Domin. Trudy MAI no. 150,30-31 '62.

Self-oscillations in a circuit with nonlinear p-n junction capacitance. V.P. Domin. Trudy MAI no. 150:23-29 '62.

[Semiconductor devices and their applications] Poluprovodnikovye pribory i ikh primenenie; sbornik statei. Pod red. IA.A. Fedotova. Moskva, Izd-vo "Sovetskoe radio."
No.8. 1962. 332 p.

TRANSLATING AND INTERPRETING

Leningrad. Universitet. [Theory and critique of translation] Teoriia i kritika perevoda. [Leningrad] 1962. 166 p.

TRANSPORTATION
(see also subdivision under White Russia)

Akademiia nauk SSSR. Institut kompleksnykh transportnykh problem. [Transportation centers in capitalist countries] Transportnye uzly kapitalisticheskikh stran. Moskva, Izd-vo Akad. nauk SSSR, 1962. 316 p.

Akademiia nauk SSSR. Otdelenie ekonomicheskikh, filosofskikh i pravovykh nauk. [Planning and operation of transportation] Planirovanie i ekspluatatsiia na transporte Moskva, Akad. nauk SSSR, 1961. 100 p. (CSTmoR)

For concerted action between workers of railroad and sea transportation. T. Koshkarev. Mor. flot 22 no. 10: 5-6 O '62.

Future development of interregional relations and freight traffic. I.I. Belousov, N.N. Kazanskii, V.S. Varlamov. Vop. geog. no. 57:147-170 '62.

In cooperation with railroad workers. Mor. flot 22 no.10:47 O '62.

Novosel'tsev, IU.A. [Highways of the future] Magistrali griadushchego. Moskva, Izd-vo "Sovetskaia Rossiia," 1962. 160 p.

Practice in working out a hypothesis for future passenger traffic. O.A. Kibal'chich. Vop. geog. no. 57:180-193 '62.

Sarantsev, P.L. [Geography of the transportation systems of the U.S.S.R.] Geografiia putei soobshchenila SSSR. Izd. 2., porer. i dop. Moskva, Transzheldorizdat, 1962. 233 p.

TRANSPORTATION—ABSTRACTS

[Container shipments and the interaction of various types of transportation] Ref. zhur. Otd. vyp. 31: Vzaimodeits. raz. vid. transp. i kont. perev. no. 11 N '62.

[Industrial transportation] Ref. zhur.: Prom. transp. no. 11 N '62.

TRANSPORTATION—BUILDINGS AND STRUCTURES

Raise the efficiency of the supply center for construction for the transportation industry. B. Levin. Ekon. stroi. no. 9:21-30 S '62.

TRANSPORTATION, AUTOMOTIVE

Payments in construction where centralized freight conveyance is in operation. A. Fedorets, M. Kanevskii, F. Kuz'min. Bukhg. uchet 19 no. 6:51-55 Je '62.

[Translations of foreign periodical literature on problems of automotive transportation] Sbor. perev. mat. iz inostr. period. lit. po vop. avt. transp. no. 6 '61.

You should begin planning for a car. A. Belan. Za bezop. dvizh. 5 no. 6:5-8 Je '62.

TRANSPORTATION, AUTOMOTIVE—ABSTRACTS
[Automotive and city transportation] Ref. zhur Avt. i gor transp no 11 N '62.

TRANSPORTATION, AUTOMOTIVE—COST OF OPERATION see subdivision under Brest Province

TRANSPORTATION, AUTOMOTIVE—STATISTICS
National statistics of automobile road traffic. M. Smirnov. Vest. stat. no. 10:62-63 '62.

TRANSVAAL—INDIANS
Congress of the Indian Youth of Transvaal Mol mira no 6 13 '61

TRAPPING—TERMINOLOGY
Zhilinskii, A A [Trade dictionary for fishermen and trappers of the White Sea region] Promyslovyi slovar' rybakov i zveroboev Belogo moria. Petrozavodsk, Gos izd-vo Karel'skoi ASSR, 1957 63 p (NhD)

TRAUMATISM
Use of the artificial circulation method in traumatology [with summary in English]. P. A. Kuprianov and others. Vest. khir. 89 no. 8:3-8 Ag '62.

TRAWLS AND TRAWLING
Self-contained, medium-sized fishing refrigerator-trawler G. P Dubskii Sudostroenie 28 no 9 1-7 S '62

TREE PLANTING
(see also subdivision under Kuban)
International comparative testing of tree-planting machines. P V. Zheltukhin Les. khoz. 15 no. 6:01 Je '62.
Mechanized hoe. M F Voloshin Put' i put. khoz. 6 no 8 41 '62.

TREES see subdivision under Yalta region

TREES—DISEASES AND PESTS see subdivision under Bashkiria

TREES—PHYSIOLOGY
Location of the shoot in the crown and the physiological characteristics of apple seedlings. I. S. Kuzin. Trudy TSGL 7:218-229 '61.

TREES, FOSSIL see subdivision under Caucasus, Northern, Sevan Lake region

TREMATODA
(see also subdivision under Alma-Ata Province; Chilik Valley; Kazakhstan, Turgay Gates)
Study of echinochasmosis of swine. R. S. Chebotarev, L N Zaskind, A. I Kubenko Trudy NIVI 1 201-203 '60

TREMELLALES
New species and varieties of fungi' Tremellales and Aphyllophorales. E. Kh. Parmasto. Bot. mat. Otd. spor. rast. 15 125-137 Ja '62.

TRET'IAKOV, TIKHON GRIGO'EVICH
Head of a working dynasty. K. Pogodin. Zdorov'e 8 no. 11:8-8a N '62.

TRIANGLES (INSTRUMENTS) see Rulers (Instruments)

TRIANGULATION
Shape of a traversing link. A. Sh. Tatevian. Geod. i kart. no. 9:9-20 S '62.

TRIBAL GOVERNMENT see subdivision under Uigurs

TRICHINA AND TRICHINOSIS see subdivision under Vakhsh District

TRICHOMONAS
(see also subdivision under Trans-Ili Ala-Tau)
Resistance of the pathogen of trichomoniasis in cattle to some antiseptic agents N A. Anishchenko Trudy NIVI 1:132-134 '60

TRICKS
The other side of tricks. A. Akopian. Iun. tekh. 7 no. 10:73-74 O '62.

TRIDYMITE
Metamorphous tridymite from contact-metamorphosed limestones of the larnite-merwinite facies. V. V. Revердatto. Dokl. AN SSSR 146 no. 3:689-692 S '62.

TRIGONOMETRICAL FUNCTIONS
Calculating of trigonometric functions using electronic computers. I. A. Nazarov, N. A. Smirnov. Izv. LETI 57 no. 39:145-152 '59.

TRILINEAR FORMS see Forms, Trilinear

TRILOBITES see subdivision under Altai Mountains; Kazakhstan

TROLLEY BUSES—MAINTENANCE AND REPAIR see subdivision under Moscow

TROUSERS
Multiple-style section assembly line for the manufacture of men and children's woolen trousers A. P. Demina, N. V. Praded, S. P. Lebedev. Shvein. prom. no. 5:15-20 S-O '62.

TROUT see subdivision under Kamchatka

TRUBEZH VALLEY—DRAINAGE
Economic effectiveness of capital investments in the drainage and reclamation of floodlands of the Trubezh River. V. P. Matskevych. Pyt. ekon. sil'. hosp. URSR no. 4 173-180 '61.

TRUCK DRIVERS see subdivision under Sayan Mountains

TRUSH, IVAN IVANOVICH, 1896-1941
Biography of I. I. Trush, a Ukrainian painter. G. S. Ostrovskii. Ist. arkh. 8 no. 4 226 Jl-Ag '62.

TRUSTS, INDUSTRIAL see subdivision under Germany, West

TRYPANOSOMIASIS see subdivision under Kazakhstan

TRYPSIN
Conductometric control of the salting-out of chymotrypsinogen and trypsin. V. P. Komov, N. N. Chamin Trudy Len. khim.-farm. inst. no. 13:28-32 '61.
Enzymatic activity of trypsin autolysis products. V. V. Mosolov, M. D. Loginova. Dokl. AN SSSR 146 no. 5:1209-1212 O '62.
Production of an amorphous and crystalline trypsin. N. N. Chamin, S. I. Bezborodova. Trudy Len. khim.-farm. inst. no. 13:15-19 '61.
Study of the kinetics of the hydrolysis of casein by crystalline trypsin applicable to a method for determining its activity. S. I. Bezborodova, N. N. Chamin. Trudy Len. khim.-farm. inst. no. 13:20-27 '61.

TRYPTOPHAN
Effect of serotonin (5-hydroxytryptamine) and 5-hydroxytryptophan on the mortality of animals in experimental pneumococcal infection and typhoid intoxication [with summary in English]. Z. A. Popenenkova, T. N. Zavoniagina. Biul. eksp. biol. i med. 53 no. 6:48-51 Je '62.

TSELINNYY KRAY see Virgin Territory

TSELINOGRAD—AGRICULTURAL MACHINERY INDUSTRY
University economists uncover the hidden potentialities of the "Kazakhsel'mash." S. Karibdzhanov, A. IAkovitskii Nauch. dokl. vys. shkoly; ekon. nauki no. 5. 114-116 '62.

TSELINOGRAD PROVINCE—TICKS
Materials on ixodid ticks of Tselinograd Province. G. V. Ushakova. Trudy Inst. zool. AN Kazakh. SSR 16 177-182 '62.

TSELINOGRAD PROVINCE—TULAREMIA
Epidemiology of tularemia in the former Akmolinsk Province [with summary in English]. V A. Kraft. Zhur mikrobiol., epid. i immun. 33 no. 4:53-57 Ap '62.

TSIMLYANSKIY DISTRICT—COLLECTIVE FARMS—FINANCE
For a more efficient utilization of capital investments on collective farms R K Starokozhev, P G. Pestrinkov Uchet i fin. v kolkhoz. i sovkhoz 10 no. 8:45-47 S '62

TSIOLKOVSKII, KONSTANTIN EDUARDOVICH, 1857-1935
Arlazorov, M. S. TSiolkovskii. Moskva, Izd-vo "Molodaia gvardiia," 1962. 316 p. (Zhizn' zamechatel'nykh liudei. Seriia biografii, no. 11[344])

TSIRIKHOV, PETR KAZBEKOVICH, 1911-
Blok, Vladimir. Petr Kazbekovich TSirikhov. Ordzhonikidze, Severo-Osetinskoe knizhnoe izd-vo, 1960. 31 p. illus. (Mastera siseny) (MH)

TUAPSE—LONGSHOREMEN
Success of Tuapse longshoremen. Mor. flot 22 no. 10:46 O '62.

TUBERCULIN
Cholinesterase activity in tuberculosis and its changes during tuberculin therapy [with summary in English]. E. P. Averina. Vrach. delo no. 10:69-72 O '62.
Effectiveness of Veterinary Research Institute tuberculin in the diagnosis of tuberculosis in chickens M K. IUskovets and others. Trudy NIVI 1 34-38 '60.
Reflexes from the chemoreceptors of a rabbit's foot stimulated by tuberculin. F. A. Levtova. K izuch. roli nerv. sist. v pat., immun. i lech. tub. no. 2:10-22 '61.

TUBERCULOSIS
Analysis of the protective functions of the body on the basis of the concepts of the theory of regulation and physiology; the example of tuberculosis infection. B. I. Al'bertinskii, G. S. Kan, V. N. Chernigovskii. Vest. AMN SSSR 17 no. 5:72-87 '62.
Artificial pneumothorax in the compound treatment of the destructive forms of pulmonary tuberculosis. V. IA. Zubareva. Sov. zdrav. Kir. no. 5:19-24 S-O '62.
Bilateral surgical interventions in pulmonary tuberculosis [with summary in English]. N. IA. Batmanov, V. M. Sparovoi. Grud. khir. no. 4:71-76 Jl-Ag '62.
C-reactive protein in tuberculous patients [with summary in English]. V. P. Belogurova, V. V. Navrotskii. Sov. med. 26 no. 8:99-102 Ag '62.
Changes in some indices of the function of [illegible] respiration and blood circulation in rabbits during [illegible] formation of postvaccinal immunity to tuberculosis. K. A. Pimenova. K izuch. roli nerv. sist. v pat. i lech. tub. no. 2:281-287 '61.
Change in the higher nervous activity of dogs in experimental tuberculosis and their treatment with streptomycin. I. E. Gaber, G. S. Kan, V. K. [illegible] roli nerv. sist. v pat., immun. i lech. tub. [illegible] '61.
Change in the adaptation of the cerebral cortex, [illegible] and the kidney of white mice during the [illegible] munization and superinfection. M. D. Shkol'nikova. K izuch. roli nerv. sist. v pat., immun. i lech. tub. no. 2:252-270 '61.
Characteristics of motor defense conditioned reflexes in dogs in experimental tuberculosis. Report No. 1 I. M. Kogan. K izuch. roli nerv. sist. v pat., immun. i lech. tub. no. 2:138-150 '61.
Characteristics of motor defense conditioned reflexes in dogs in experimental tuberculosis. Report No. 2 I. M. Kogan. K izuch. roli nerv. sist. v pat., immun. i lech. tub. no. 2:151-163 '61.
Characteristics of the interoceptive reflexes to [illegible] acid in pulmonary tuberculosis I. S. Lobanova, M. D. Shkol'nikova. K izuch. roli nerv. sist. v pat. i lech. tub. no. 2:74-79 '61.
Chistovich, A. N. [Pathological anatomy and therapy] Patogenez tuberkuleza; ocherki. [Pathogenesis of tuberculosis; essays] Patologicheskaia anatomiia i patogenez tuberkuleza; ocherki. [Pathological anatomy and pathogenesis of tuberculosis; essays] Medgiz, 1961. 119 p. (DNLM)
Cholinesterase activity in tuberculosis and [illegible] during tuberculin therapy [with summary in English] E. P. Averina. Vrach. delo no. 10:69-72 O '62.
Composition of urine ducts and ash from the [illegible] silicotuberculosis patients. P. I. Tiutin [illegible] silik no. 3:120-146 '61.
Disorders of the functional state of the cardiac [illegible] system in children as an index of tuberculosis [with summary in English]. T. G. Tkacheva. Vrach. delo no. 10:81-86 O '62.
Disorder of the respiratory function of the lungs in chronic fibro-cavernous and chronic disseminated pulmonary tuberculosis. M. V. Peresada [illegible] med. 26 no. 8:102-106 Ag '62.
Effect of a tuberculous infection on the higher nervous activity of rabbits. V. A. Stroletov. K izuch. roli nerv. sist. v pat., immun. i lech. tub. no. 2:151-[illegible] '61.
Effect of immunization and subsequent superinfection from a Mycobacterium tuberculosis culture on exteroceptive conditioned reflexes in rabbits A. I. Plekavichene. K izuch. roli nerv. sist. v pat. i lech. tub. no. 2:288-297 '61.
Effect of large doses of caffeine on the development of experimental tuberculosis in white mice. K. A. [illegible] tneva. K izuch. roli nerv. sist. v pat., immun. i lech. tub. no. 2:190-197 '61.
Effect of pneumoperitoneum on lung tonus. L. A. Kharcheva. K izuch. roli nerv. sist. v pat., immun. i lech. tub. no. 2:360-364 '61.
Effect of the overstraining of nervous processes on the course of experimental tuberculosis in white mice. K. A. Poletaeva. K izuch. roli nerv. sist. v pat., immun. i lech. tub. no. 2:183-189 '61.
Effect of tuberculosis infected blood from an animal at donor on the functional state of the chemoreceptors of the small intestine in a healthy animal recipient. I. E. Gaber. K izuch. roli nerv. sist. v pat., immun. i lech. tub. no. 2:23-30 '61.
Experimental reproduction of tuberculosis. M. I. [illegible] Sov. zdrav. Kir. no. 6:27-31 S-O '62.
Experimental study of higher nervous activity in children with primary tuberculosis. L. P. Lange [illegible] K izuch. roli nerv. sist. v pat., immun. i lech. tub. no. 2:103-111 '61.
Functional disorders of the nervous system in [illegible] tuberculosis; based on data from an overall [illegible] B. M. Zarnitskaia, K. A. Kharcheva. K izuch. roli nerv. sist. v pat., immun. i lech. tub. no. 2:84-91 '61.
Functional state of the thyroid gland in experimental tuberculosis. N. R. Turupanova. K izuch. roli nerv. sist. v pat., immun. i lech. tub. no. 2:174-182 '61.
Materials on a study of acid defense conditioned reflexes in experimental tuberculosis. L. M. Kogan. K izuch. roli nerv. sist. v pat., immun. i lech. tub. no. 2:164-173 '61.
Objective study of sleep in tuberculosis patients. N. [illegible] Okunev. K izuch. roli nerv. sist. v pat., immun. i lech. tub. no. 2:112-119 '61.
Paradoxical action of the protective functions of the body during chemotherapy in tuberculosis. N. A. Shmelev. Vest. AMN SSSR 17 no. 5:52-58 '62.
Physiological analysis of the pathological [illegible] of the higher segments of the central nervous system in tuberculosis. G. S. Kan. K izuch. roli nerv. sist. v pat., immun. i lech. tub. no. 2:5-18 '61.
Physiological mechanisms of immunity to tuberculosis. G. S. Kan. K izuch. roli nerv. sist. v pat., immun. i lech. tub. no. 2:243-255 '61.
Physiological premises for understanding the mechanism of the action of therapeutic pneumoperitoneum. K. A. Pimenova. K izuch. roli nerv. sist. v pat., immun. i lech. tub. no. 2:349-350 '61.

TUBERCULOSIS (Continued)
Pulmonary tuberculosis in elderly persons B.K Kutsko. Zdrav.Bel. 8 no.5,25-26 My '62
Reaction to C-reactive protein in tuberculosis [with summary in English]. V.P Belogurova, V.V Navrotskii. Vrach.delo no.10:77-80 O '62.
Reflexes from the mechanoreceptors of the upper respiratory tract in cats in health and in experimental tuberculosis. R.A.Fel'dbaum. K izuch.roli nerv. sist.v pat., immun.i lech.tub. no.2:63-73 '61.
Selective inferior thoracoplasty in pulmonary tuberculosis of the lower lobe [with summary in English] A.I.Suslova Vrach delo no.10:72-76 O '62.
Some data on thiamine metabolism in the organs in experimental tuberculosis. T.I.Zlatkina. K izuch. roli nerv.sist.v pat., immun.i lech.tub. no.2 256-261 '61.
Some problems in treating children with tuberculosis. B.L.Kibrik. Sov.zdrav.Kir. no 5:15-19 S-O '62.
State of higher nervous activity in tuberculosis. A.D. Semenov. K izuch.roli nerv.sist.v pat., immun.i lech.tub. no.2:92-102 '61.
Study of the changes in the blood system during the formation of antituberculosis immunity and following superinfection. E.L.Kan, M.D.Shkol'nikova. K izuch. roli nerv.sist.v pat., immun.i lech.tub. no.2:271-280 '61.
Study of the effect of vitamin D_2 on the excitability of tissue chemoreceptors in healthy animals. G.G. Dzhvarsheishvili. K izuch.roli nerv.sist.v pat., immun.i lech.tub. no.2 365-368 '61.
Study of the influence of the nervous system on the formation of immunity to tuberculosis in white mice. Report No 1. A.D.Perel'man. K izuch.roli nerv. sist.v pat., immun.i lech.tub. no.2:301-313 '61.
Study of the influence of the nervous system on the formation of immunity to tuberculosis in white mice. Report No.2. A.D.Perel'man. K izuch.roli nerv. sist.v pat., immun.i lech.tub. no.2:314-322 '61.
Study of the latent time for flexing and blinking reflexes and for a fever reaction in experimental tuberculosis; preliminary report. A.L.Plekavichene. K izuch.roli nerv.sist.v pat., immun.i lech.tub. no 2:80-83 '61.
Surgical treatment of pulmonary tuberculosis. V.P. Dyskin. Sov.zdrav Kir. no.5 10-14 S-O '62.

TUBERCULOSIS—CARE AND TREATMENT
Regime for the pulmonary tuberculosis patient and his care. S.E.Neklin. Sov.zdrav.Kir. no.5 19-24 S-O '62.

TUBERCULOSIS—COMPLICATIONS AND SEQUELAE
Role of a tuberculous infection in the appearance of a catatonic complex of symptoms, an experimental study L.N Bushuev. Trudy Gos.nauch.-issl.inst.psikh 27 60-63 '61.

TUBERCULOSIS—MORTALITY
Problems in the method of studying tuberculosis mortality. P.I.Limarev. Sov.zdrav.Kir. no 5 39-44 S-O '62.

TUBERCULOSIS—PREVENTION see subdivision under Kirghizistan

TUBERCULOSIS, MORTALITY FROM see Tuberculosis—Mortality

TUBERCULOSIS IN ANIMALS
Role of the mycobacteria of tuberculosis of the avian type in the epizootology of tuberculosis in mammals R.V Tuzova. Trudy NIVI 1:39-43 '60.

TUBERCULOSIS IN POULTRY
Effectiveness of Veterinary Research Institute tuberculin in the diagnosis of tuberculosis in chickens M.K IUskovets and others Trudy NIVI 1:34-38 '60
Experimental data on the serological diagnosis of tuberculosis in chickens. M.K IUskovets and others. Trudy NIVI 1,29-33 '60.
Rotov, V.I. [Tuberculosis in poultry and measures for its control] Tuberkulez ptitsi mery borby s nim. Kiev, Izd-vo Ukr. Akad. sel'khoz. nauk, 1962. 216 p. (DNAL)
Use of radioactive phosphorus (P^{32}) for studying the body reactivity of healthy and tuberculosis infected chickens. R.V. Tuzova, N.A. Troitskii, A.A. Kotel'nikov. Trudy NIVI 1 44-47 '60.

TUBIFICIDAE
Tubificidae (Oligochaeta) as food for fishes. T.L. Poddubnaia. Vop.ikht. 2 no.3:560-562 '62.

TUKAI, GABDULLA, 1886-1913
Agishev, IAkub. [National poet G.Tukai; on the occasion of his 75th birthday anniversary] Narodnyi poet G.Tukai; k 75-letiiu so dnia rozhdeniia Kazan', Tatarskoe knizhnoe izd-vo, 1961. 35 p. (MH)

TULA BASIN—COAL MINES AND MINING
Experience in the working of double faces equipped with KM-3 ("Mosbass") supports. R.V. Predmest'in. Ugol' 37 no.10:13-15 O '62.

TULA BASIN—COAL MINES AND MINING—LABOR PRODUCTIVITY
For high labor productivity in the operation of the OMKT complex in the mines of Tula Economic Council. V.A. Tormaev, A.V.Chernyshev. Ugol' 37 no.11:4-5 N '62.

TULA PROVINCE—RUSSIAN LITERATURE
[Our contemporaries; sketches] Nashi sovremenniki; ocherki. [Tula] Tul'skoe knizhnoe izd-vo, 1961. 174 p. illus.
(MH)

TULAREMIA see subdivision under Sverdlovsk Province, Tselinograd Province

TUMANIAN, OVANES, 1869-1923
Atabekian, Margarita. [Ovanes Tumanian, literaturnyi kritik] Ovanes Tumanian, literaturnyi kritik. Erevan, Aipetrat, 1956. 162 p.
(NNC)

TUMORS
Change in the biological properties of three transplanted tumors simultaneously inoculated during passages through one inbred animal [with summary in English]. G.P.Arapet'ian Biul.eksp.biol.i med. 53 no.6:63-65 Je '62.
Experimental colliphane-induced rhabdomyoblastoma TSRM-1 and its biological characteristics A.N.Studitskii. Dokl.AN SSSR 146 no.3:724-727 S '62.

TUNA FISH see subdivision under Atlantic Ocean

TUNDRAS
Factors forming forest-tundra. V.V.Kriuchkov. Izv. AN SSSR.Ser.geog. no.5.105-110 S-O '62.

TUNGSTEN CRYSTALS
Electronic and ionic emission of faces (110) and (100) of large tungsten monocrystals. L.P.Sytaia, M.I. Smorodinova, N.I.Imangulova. Fiz.tver.tela 4 no.4: 1016-1020 Ap '62.

TUNGSTEN-MOLYBDENUM-RHENIUM ALLOYS—TESTING
Recrystallization and mechanical properties of alloys in the system tungsten - molybdenum - rhenium. M.A.Tylkina, K.B.Povarova, E.M.Savitskii. Izv. AN SSSR.Otd.tekh.nauk.Met.i topl. no.5:181-186 S-O '62.

TUNGSTEN ORES see subdivision under Transbaikalia

TUNGUSKA, NIZHNYAYA see Lower Tunguska Valley

TUNGUSKA BASIN—LAMELLIBRANCHIATA, FOSSIL
Carboniferous lamellibranchiata from a coal-bearing formation of the Kokaya deposit of the Tunguska Basin. I.S Spasskaia. Geol i geofiz. no.8 51-64 '62.

TURBINES
(see also subdivision under Leningrad)
Increase of the self-regulation range of the 10 KSD-5x3 condensate pump. Energetik 10 no.8 14-15 Ag '62.
Some results in testing of a turbine stage with partial supply of working media. A.M.Leonkov, V.F.Stepanchuk, V.F.Kravets. Izv.vys.ucheb.zav.; energ. 5 no.9:72-77 S '62.
Transitional conditions and dynamics of the starting of turbine pumps. M.V.Polikovskii. Teploenergetika 9 no 11:28-31 N '62.

TURBINES—MODELS
Models of turbine stages of the Bryansk Transportation Machinery Institute. I.G.Gogolev, R.I.D'iakonov. Izv.vys.ucheb.zav.; energ. 5 no.9:126-129 S '62.

TURBODRILLS
Controlled inclined drilling of prospecting holes with small turbodrills. A.M.Korner, A.G.Kalinin, IU.M. Larin. Razved.i okh.nedr 28 no.6:24-27 Je '62.

TURBOGENERATORS
Balancing of turbogenerator rotors. I.S.Lisitsyn. Vest.elektroprom. 33 no.11:67-70 N '62.
Concerning a defect in the manufacture of the TVS-30 turbogenerator. B.A.Ratnikov. Energetik 10 no.8: 10-20 Ag '62.
Laboratory studies of the conversion of vertical hydrogenerators to operation as synchronous compensators. Kh.A.Vel'ner, L.L.Paal'. Izv.vys.ucheb.zav.; energ. 5 no.9:108-115 S '62.
Layout for the automation of an once-through-type boiler operating in a block with a 200 Mw. turbogenerator. G.V.Malevinskii. Energetik 10 no.8:9-10 Ag '62.
Study of gas motion and heat emission of rotating armatures. V.V.Mal'tsev. Vest.elektroprom. 33 no.11: 15-22 N '62.

TURBOMACHINES
Malinin, N.N. [Strength of turbomachines] Prochnost' turbomashin. Moskva, Mashgiz, 1962. 291 p.
Models of turbine stages of the Bryansk Transportation Machinery Institute. I.G.Gogolev, R.I.D'iakonov. Izv.vys.ucheb.zav.; energ. 5 no.9:126-129 S '62.

TURBULENCE
Some characteristics of wave turbulence. N.V.Kontobol'tseva. Vest.Mosk.un.Ser.3: Fiz., astr. 17 no.5: 35-41 S-O '62.

TURGAY GATES—IRON ORES
IAnitskii, A.L. [Oligocene oolite iron ores in northern Turgay and their genesis] Oligotsenovye oolitovye zheleznye rudy Severnogo Turgaia i ikh genezis. Moskva, Izd-vo Akad. nauk SSSR, 1960. 210 p. (Akademiia nauk SSSR. Institut geologii rudnykh mestorozhdenii, petrografii, mineralogii i geokhimii. Trudy, no.37)

TURGAY GATES—OOLITE
IAnitskii, A.L. [Oligocene oolite iron ores in northern Turgay and their genesis] Oligotsenovye oolitovye zheleznye rudy Severnogo Turgaia i ikh genezis. Moskva, Izd-vo Akad. nauk SSSR, 1960. 210 p. (Akademiia nauk SSSR. Institut geologii rudnykh mestorozhdenii, petrografii, mineralogii i geokhimii. Trudy, no.37)

TURGAY GATES—PARASITES—WATER BIRDS
Trematodes of wild water birds in the Turgay lakes. A.P. Maksimova Trudy Inst.zool. AN Kazakh. SSR 16 125-134 '62.

TURGAY GATES—TREMATODA
Trematodes of wild water birds in the Turgay lakes. A.P Maksimova Trudy Inst.zool. AN Kazakh. SSR 16 125-134 '62

TURI DISTRICT—COLLECTIVE FARMS—MANAGEMENT
Vint, E. [Efficient management on the "Tatonitsa" Collective Farm of Turi District] Ratsional'noe vedenie khoziaistva v kolkhoze "Tatonitsa" Turiskogo raiona. Tallinn, Tatonskoe gos. izd-vo, 1957. 80 p.

TURKEY—LABOR AND LABORING CLASSES
Class struggle mounts in Turkey [with English summary in insert]. M.Gisarov. Az.i Afr.seg. no.10:17-19 O '62.

TURKEY—SOCIAL CONDITIONS
Class struggle mounts in Turkey [with English summary in insert]. M.Gisarov. Az.i Afr.seg. no.10 17-19 O '62.

TURKIC LANGUAGES—SYNTAX
Akademiia nauk SSSR, Institut iazykoznaniia. [Research on the syntax of Turkic languages] Issledovaniia po sintaksisu tiurkskikh iazykov. Moskva, Izd-vo vostochnoi lit-ry, 1962. 217 p.

TURKIC LANGUAGES—VOWELS
Certain peculiarities of the phonological structure of Turkic vocalism. M.A Cherkasskii Nauch.Az.i Afr. no 5:143-146 '62.

TURKIN, PETR GEORGIEVICH, 1903-1962
Petr Georgievich Turkin. Poligr.proizv no.10,32 O '62.

TURKMENISTAN—ALFALFA—DISEASES AND PESTS
Biology of the alfalfa pest Camptopus lateralis Germ. (Heteroptera, Coreidae) in Turkmenistan. K.K. Mukhamedov. Ent.obozr. 41 no.3:505-509 '62.

TURKMENISTAN—ALGAE
New blue-green algae from the Turkmen S.S.R. Sh.I. Kogan. Bot.mat.Otd.spor.rast. 15,12-14 Je '62.

TURKMENISTAN—AMMONOIDEA
New species of ammonites from Lower Cretaceous sediments in Turkmenia S.Kh. Usmanova Paleont zhur. no 2:76-79 '62

TURKMENISTAN—BUDGET
Role of the budget of the Turkmen S.S.R. in the economic and cultural development of the postwar years, 1946-1960. A.Nogai. Izv.AN Turk.SSR.Ser. obshchestv.nauk no.5:59-71 '62.

TURKMENISTAN—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK
Ashkhabad, Institut istorii partii. [The 21st Congress, a congress of builders of communism; materials for propagandists] XXI s"ezd - s"ezd stroitelei kommunizma; materialy dlia propagandistov. Ashkhabad, Turkmengosizdat, 1960. 123 p.

TURKMENISTAN—COREIDAE
Biology of the alfalfa pest Camptopus lateralis Germ. (Heteroptera, Coreidae) in Turkmenistan. K.K. Mukhamedov. Ent.obozr. 41 no.3:505-509 '62.

TURKMENISTAN—ECONOMIC CONDITIONS
Living pages of a great book. Ogonek 40 no.41:1-3 O '62.

TURKMENISTAN—GEOLOGY
"Akchagyl stage in Turkmenistan" by A.A.Ali-Zade. Part I. Reviewed by B.P.Zhizhchenko. Sov.geol. 5 no.10:140-143 O '62.

TURKMENISTAN—HISTORICAL RESEARCH
Creative development of historical science in Turkmenistan. O.S. Kultiev, I.L. Sosonkin. Ist.SSSR 6 no.4:213-217 Jl-Ag '62.

TURKMENISTAN—HISTORY
Tutundzhan, T.A. [Rebellion of the Turkestan sappers in 1912] Vosstanie turkestanskikh sapperov v 1912 goda. Tashkent, Goslzdat Uzbekskoi SSR, 1960. 29 p. illus. (MH)

TURKMENISTAN—ICHNEUMON FLIES

Two new Central Asiatic species of braconids (Hymenoptera, Braconidae) and their relation to the African fauna. V.I.Tobias. Trudy Zool inst. 30 271-277 '62.

TURKMENISTAN—LAW

Turkmen S.S.R. Laws, statutes, etc. [Chronological collection of the laws of the Turkmen S.S.R., decrees of the Presidium of the Supreme Soviet, regulations and orders of the Government of the Turkmen S.S.R.] Khronologicheskoe sobranie zakonov Turkmenskoi SSR, ukazov Prezidiuma Verkhovnogo Soveta, postanovlenii i rasporiazhenii pravitel'stva Turkmenskoi SSR. Ashkhabad, Turkmenskoe gos. izd-vo.
Vols. I-4. 1960.
(MH)

TURKMENISTAN—MAGNETOMETER

Absolute survey with a proton magnetometer G V Kramarenko Geomag i aer 2 no 5 995-997 S-O '62

TURKMENISTAN—MINES AND MINERAL RESOURCES

Beneath the sand cover. K.K.Mashrykov, V.V.Semenovich, L.N.Smirnov. Priroda 51 no.10:57-59 O '62.

Kuznetsov, N.S. [Mineral chemicals industry of the Turkmen S.S.R.] Gorno-khimicheskaia promyshlennost' Turkmenskoi SSR. Ashkhabad, Sovet narodnogo khoziaistva TSSR, 1960. 17 p.

TURKMENISTAN—NEWSPAPER AND PERIODICAL CIRCULATION

On collective and state farms of Turkmenia. A. Taganov. Raspr pech. no 10:3 O '62.

TURKMENISTAN—OSTRACODA, FOSSIL

Rozyeva, T.R. [Ostracods from Paleogene sediments of Turkmenistan and their stratigraphic distribution] Ostrakody iz otlozhenii paleogena Turkmenistana i ikh stratigraficheskoe rasprostranenie. Ashkhabad, Izd-vo Akad. nauk Turkmenskoi SSR, 1962. 138 p. xxxi tables.

TURKMENISTAN—PETROLEUM

"Petroleum and gas of Turkmenistan" by S. Shakharov. Reviewed by N.B.Semikhatova. Priroda 51 no.10:46 O '62.

TURKMENISTAN—POLECATS

Biology of the reproduction of the tiger polecat Vormella peregusna. V.E.Flint. Biul.MOIP.Otd.biol. 67 no.4:143 Jl-Ag '62.

TURKMENISTAN—POLITICS AND GOVERNMENT

Basic legislative sources of the constitution of the Turkmen S.S.R. of 1927. D.Abaeva. Izv.AN Turk. SSR.Ser.obshchestv.nauk no.5 35-40 '62.

TURKMENISTAN—RECONSTRUCTION

Atamamedov, N.V. [Studies on the history of Turkmenistan trade unions during the reconstruction period, 1921-1925] Ocherki po istorii profsoiuzov Turkmenistana v vosstanovitel'noi period, 1921-1925 gody Ashkhabad, Izd-vo Akad. nauk Turkmenskoi SSR, 1962. 160 p.

TURKMENISTAN—REVOLUTION, 1917-1921

Ashkhabad. Institut istorii partii. [Letters to V.I.Lenin from Turkmenistan workers; collected source materials] Trudiashchiesia Turkmenistana V.I. Leninu; sbornik dokumentov. Pod red. O.O.Shikhmuradova i A.V. Golovkina. Ashkhabad, Turkmengosizdat, 1960. 47 p.

Rosliakov, A.A. [How the Bolsheviks of Turkmenistan struggled for Soviet rule] Bol'sheviki Turkmenistana v bor'be za vlast' Sovetov. Ashkhabad, Turkmengosizdat.
Vol 1. [The October Revolution and the early struggle for the consolidation of the Soviet regime, 1917-June 1918] Oktiabr'skaia revoliutsiia i nachalo bor'by za uprochenie Sovetskoi vlasti, 1917 - iiun' 1918 Red. O O.Shikhmuradov 1961 455 p

TURKMENISTAN—SEISMIC PROSPECTING

Use of S.V.Chibisov's method to determine a velocity cross section in some areas of western Turkmenia. G.G.Pogonailo. Vop.din.teor.raspr.seism.voln no.4:79-93 '62.

TURKMENISTAN—TRADE UNIONS

Atamamedov, N.V. [Studies on the history of Turkmenistan trade unions during the reconstruction period, 1921-1925] Ocherki po istorii profsoiuzov Turkmenistana v vosstanovitel'noi period, 1921-1925 gody. Ashkhabad, Izd-vo Akad. nauk Turkmenskoi SSR, 1962. 160 p.

TURKMENISTAN—WORLD WAR, 1939-1945—ECONOMIC ASPECTS

Heroic work of the laboring class of Turkmenistan during the years of the Great Patriotic War A.R. Agaeva Izv.AN Azerb.SSR.Ser obshchestv nauk no 6,3-13 '62

TURKMENS—CRANIOLOGY

Craniological material from medieval graves of southern and northwestern Turkmenistan. N.G.Zalkind, S.P. Poliakov. Biul.MOIP.Otd.biol. 67 no.5:154 S-O '62.

TURKS—TRIBAL GOVERNMENT

Hordes and tribes of the ancient Turks and Uigurs. L.N.Gumilev. Mat.po Otd.etn.Geog.ob-va SSSR no.1:15-26 '61.

TURNING

Shakhbazian, Sh.A. [An aid for the young lathe operator] V pomoshch' molodomu tokariu. [Rostov-na-Donu] Rostovskoe knizhnoe izd-vo, 1962. 93 p.

Turning hardened cast iron with ceramic cutting tools. V.P. Monchenko. Trudy Sem.po kach poverkh. no.5: 101-104 '61.

TURNOVER TAX see Sales tax

TUSHINSKII, MIKHAIL DMITRIEVICH, 1882-1962

Mikhail Dmitrievich Tushinskii; an obituary. M.Messel'. Sov.med. 26 no.8 157-158 Ag '62.

TUVA A.S.S.R.—ECONOMIC CONDITIONS

Tuva. IU.Apenchenko. Sov.Soiuz no.11:27-31 '62.

TUVA A.S.S.R.—GEOLOGY, STRUCTURAL

Relation of certain forms of the relief of western Tuva to tectonic ruptures. L.P.Aleksandrova. Dokl.AN SSSR 146 no.5:1147-1149 O '62.

TUVA A.S.S.R.—NEMATODA

New lung nematode Protostrongylus moschi sp. nov. from a musk deer. S.N.Boev, A.D.Sultimov. Trudy Inst.zool.AN Kazakh SSR 16,42-45 '62.

TUVA A.S.S.R.—PARASITES—MUSK DEER

New lung nematode Protostrongylus moschi sp. nov. from a musk deer S.N.Boev, A.D.Sultimov. Trudy Inst.zool.AN Kazakh SSR 16,42-45 '62.

TWILIGHT

Photometric analysis of twilight based on sky brightness measurements in the vertical of the sun. N.B Divari. Geomag i aer. 2 no. 4 720-731 Jl-Ag '62

TWIST DRILLS

Efficient geometry of drills used in instrument manufacture. M.T.Galei. Priborostroenie no.10 15-18 O '62.

2,4-D

Chemical methods of controlling weeds in pastures and meadows of Kirghizistan. A.G.Golovka. Uch.zap. Biol.-pochv.fak.Kir.un. no.7,91-119 '58.

TYCHYNA, PAVLO HRYHOROVYCH, 1891

Hubar, O.I. [Pavlo Tychyna; a literary portrait] Pavlo Tychyna; literaturnyi portret Kyiv, Derzh vyd-vo khudozh lit-ry, 1961. 133 p.
(InU)

"Literary scholar and critic Pavlo Tychyna" by Z. M. Hruzman. Reviewed by P. IA. Loshchenko, IE. S. Rehushevs'kyi. Rad.lit. 6 no.4:132-134 Jl-Ag '62.

TYMCHENKO, IOSYP ANDRIANOVICH, 1852-1924

TSesevych, V.P., and IA.IU.Korpan. [I.A.Tymchenko, mechanical engineer and inventor] Mekhanik-vynakidnykh I.A.Tymchenko Kyiv, Derzhtekhvydav, 1961. 60 p
(MH)

TYPE AND TYPE FOUNDING

Cleaning linotype matrices with ultrasonic waves. IU.M. Bystrov, L.G.Merkulov, V.A.Novitskii Poligr. proizv. no.10 26-27 O '62.

Mechanization in the division for making type casting molds. I.Bogoslavskii, D.Zaslavskii. Poligr.proizv. no.10:27-28 O '62.

TYPESETTING MACHINES

Experience with the phototypesetting machine. N.S. Kolesnikova Poligr.proizv no.10:30-31 O '62.

TYPEWRITERS

Electric typewriters abroad. N.Stiluk. Biul.nauch. inform.: trud i zar.plata 5 no.9:63-67 '62.

TYPEWRITERS—MAINTENANCE AND REPAIR

Vel'iashev, L.N., and S.M.Kravchenko. [Repair of portable typewriters] Remont portativnykh pishushchikh mashin. [n.p.] Gosmestpromizdat, 1962. 139 p.

TYPEWRITING—STUDY AND TEACHING

Typewriting school. B.I.Berezin. Nauka i zhizn' 29 no.6:104-107 Je '62.

TYPHOID FEVER

Clinical and immunobiochemical parallels in typhoid-paratyphoid patients. Report No.1: Effect of the severity of the course, the type of pathogen and the age factor on the protein composition of the blood serum of typhoid-paratyphoid patients. S.E.Shaptro and others. Trudy Khab.med.inst. no.20:38-42 '60.

Clinical and immunobiochemical parallels in typhoid-paratyphoid patients. Report No.2: Effect of antibiotic therapy on the protein composition of the blood serum and Widal's reaction; the interrelation between Widal's reaction and the individual blood serum protein fractions. A.A.Konstantinov and others. Trudy Khab. med.inst. no.20:43-48 '60.

Index of immunogenicity as a method of evaluating vaccines against typhoid fever. N.P.Leont'eva. Zhur. mikrobiol., epid.i immun 33 no.8:128-130 Ag '62

Some peripheral blood indices in children with typhoid fever and paratyphoid B treated with synthomycin and symptomatic agents. R.IA.Kliueva. Trudy Khab. med.inst. no.20:57-63 '60.

Use of a dry acetone vaccine as a standard preparation for determining the immunogenicity of typhoid fever vaccines. N.P.Leont'eva. Zhur.mikrobiol.,epid.i immun. 33 no.8:128-130 Ag '62.

TYPHOID FEVER—PREVENTIVE INOCULATION

Effect of aminazine on the concentration of specific typhoid fever antibodies in the bodies of rabbits. V.V. Kvachadze and others. Trudy Gos.nauch.in-ta gig.i epidem. 27:261-266 '61.

Effect of pentoxyl on immunological indices in irradiated animals following immunization with typhoid bacteria [with summary in English]. E.A.Gurkova. Zhur.mikrobiol., epid.i immun. 33 no.8:52-57 Ag '62.

TYPHUS FEVER

(see also subdivision under Armizonskoye [District])

Attempt to obtain a "relapse" in exanthematous typhus experimentally [with summary in English]. I.V. Dzetsina. Vrach.delo no.10:124-127 O '62.

Effect of irradiation on immunity in experimental exanthematous typhus. Report No.1: Study of immunity in irradiated guinea pigs vaccinated against Rickettsia prowazekii [with summary in English]. L.V.Bo'shakova, Zhur.mikrobiol., epid.i immun. 33 no.4:71 Ap '62.

Effectiveness of syntomycin treatment in the light and hemorrhagic forms of exanthematous typhus. R.IA. Kliueva, A.P.Kalusha. Trudy Khab.med.in-ta. no.7 114-118 '60.

What is Brill's disease? I.I.Shatrov. Zhur.mikrobiol., epid.i immun. 33 no.4:135-137 Ap '62.

TYROSINE IN THE BODY

Results of a study of the histidine and tyrosine in the urine, blood serum and leucocytes in acute typhus. I.M.Pipkin. Trudy Gos.nauch.-issl.in-ta gig.pitaniia 27 156-161 '61.

TYULKUBAS DISTRICT—AGRICULTURAL ADMINISTRATION

Under new conditions A.Berdaliin Part.zhizn' Kazakh. no.6 21-25 Je '62

TYUMEN PROVINCE—DESCRIPTION AND TRAVEL

Nezhdanov, A.A. [From Tyumen' to Salekhard; from a travel notebook of a newspaperman] Ot Tiumeni do Salekharda; iz putevogo bloknota zhurnalista. [Tiumen'] Tiumenskoe knizhnoe izd-vo, 1961. 104 p.
(MH)

UDA VALLEY—FOREST SOILS

Hydrophysical properties of mountain forest soils in the Uda and Barguzin basins. G.M.Orlovskii Trudy Inst lesa i drev. 54:105-118 '62.

Mountain forest soils in the Uda and Barguzin basins of the Buryat A.S.S.R. G.M.Orlovskii Trudy Inst lesa i drev. 54:81 104 '62.

UDA VALLEY—PINE

Variability of morphological characteristics and ecological properties of Scotch pine in the Buryat A.S.S.R. I.N.Ligachev. Trudy Inst.lesa i drev. 54:69-111 '62

UDMURT A.S.S.R.—MELANTERITE

Melanterite and the products of its alteration V.V. Vlasov, A.V.Kuznetsova. Zap.Vses.min.ob-va 91 no.4:490-492 '62.

UDMURT FOLK SONGS see Folk songs, Udmurt

UFA PLATEAU—FOREST MANAGEMENT

Preservation of the young growth of coniferous species on cutovers in mountain areas. I.I.Lavitskii, V.I. TSaregorodtsev. Les.khoz. 15 no.8:36-37 Ag '62

UGANDA

Brief news on the new states. Mezhdunar.zhizn' 9 no.11:145-147 N '62.

UGANDA—POLITICS AND GOVERNMENT

Good luck, Uganda! [with English summary in insert] IU.Lukonin. Az.i Afr.sog. no.10:20-21 O '62.

UIGURS—TRIBAL GOVERNMENT

Hordes and tribes of the ancient Turks and Uigurs. L.N.Gumilev. Mat.po Otd.etn.Geog.ob-va SSSR no.1:15-26 '61.

UKRAINE—AGRICULTURE

For high quality processing of agricultural raw materials and increasing the production of food products. I.A.Ryzhenko. Ekon.Rad.Ukr. no.4:16-23 Jl-Ag '62.

UKRAINE—AGRICULTURE—BIBLIOGRAPHY

Defense of dissertations. Pyt.ekon.stil'.hosp.URSR no.4:193-197 '61.

Publications of the institute. Pyt.ekon.stil'.hosp.URSR no.4:197-199 '61.

UKRAINE—ATHEISM

Agitators approach believers. E. Dukman, P. Olinyk. Votov. ateist no 10 34-35 O '62

UKRAINE—AUTOMATION

Main problems of technological progress in the industries of the Ukraine. O. Shcherban'. Ekon. Rad. Ukr. no. 4 3-8 Jl-Ag '62.

UKRAINE—BAKERS AND BAKERIES—PRODUCTION STANDARDS

Using labor requirement indices in determining the volume of production and labor productivity. T. M. Verizhenko. Khleb. i kond. prom. 6 no. 10 27-28 O '62.

UKRAINE—BRACHIOPODA, FOSSIL

Brachiopoda from the Upper Eocene of the Ukraine. V. A. Zelinskaia Paleont zhur no 2 106-111 '62

UKRAINE—CAPITAL

Socialist accumulation in the economy of the Ukrainian S.S.R. L. Drosova'ka, O. Proshchakov, M. Shkitina. Ekon. Rad. Ukr. no. 4 68-74 Jl-Ag '62.

UKRAINE—CAPITAL INVESTMENTS

Capital investments in the gas production of the Ukrainian S.S.R. M. Baranovs'kyi, A. Hlamazda, M. Stasiv. Ekon. Rad. Ukr. no. 4 9-15 Jl-Ag '62.

UKRAINE—CHEMICAL INDUSTRIES

For wider use of chemistry in the national economy. Khim. prom. [Ukr.] no. 1 3-4 Ja-Mr '62.

UKRAINE—CHEMISTRY, ORGANIC—CONGRESSES

Eighth Ukrainian Conference on Organic Chemistry. Ukr. khim. zhur. 28 no. 3 412-416 '62.

From a resolution of the Seventh Ukrainian Conference on Organic Chemistry Ukr khim. zhur. 28 no. 3 416-417 '62.

UKRAINE—CITY PLANNING

Akademiia budivnytstva i arkhitektury URSR. Institut gradostroitel'stva. [City planning in the Ukraine] Opyt gradostroitel'stva v Ukrainskoi SSR. Kiev, Gosstroizdat USSR, 1962. 197 p.

UKRAINE—CLOTHING INDUSTRY

Work practices of the Ukrainian clothing factories in the improvement of production quality. F. I. Ushakov Shvein prom no 5 4-7 S-O '62

UKRAINE—CLOVER

Gypsum application as a means for increasing clover yields. H. M. Sambur. Visnyk sil'hosp. nauky 5 no. 9 65-70 S '62.

UKRAINE—COLLECTIVE FARMS

Party organization of the Province Committee. V. Nebylitsa. Sov. Ukr. no. 9 103-116 S '62.

UKRAINE—COLLECTIVE FARMS—ACCOUNTING

Economic accountability within the sections of collective farms. V. I. Medvedko. Pyt. ekon. sil'. hosp. URSR no. 4 40-47 '61.

Practices in machine accounting for labor on collective farms. M. D. Koshliak. Pyt. ekon. sil'. hosp. URSR no. 4 53-60 '61.

We have been using the uniform accounting report plan for two years. M. IA. TSeitlin Uchet i fin. v kolkhoz. i sovkhoz 19 no 9 14-19 S '62.

UKRAINE—COLLECTIVE FARMS—INCOME DISTRIBUTION

Create equal economic conditions in order to increase incomes on collective farms. P. Maiakulin. Ekon. Rad. Ukr. no. 4 39-42 Jl-Ag '62.

Wage schedule with guaranteed monetary wages on collective farms. V. Linevich. Ekon. sel'khoz. 33 no. 8 93-100 Ag '62.

UKRAINE—COLLECTIVE FARMS—INTERFARM COOPERATION

Division of labor on collective farms and the development of intercollective farm production enterprises. A. A. Kovalyshun. Pyt. ekon. sil'. hosp. URSR no. 4 29-33 '61.

Production cooperatives on collective farms of the Ukrainian S. S. R. in the field of construction. M. Kh. Vdovychenko. Pyt. ekon. sil'. hosp. URSR no. 4 34-39 '61.

UKRAINE—COMMUNIST PARTY OF THE SOVIET UNION

Kolosova, K. A., ed. [In step with life; from work practices of party organizations in schools of the Ukrainian S.S.R.] V nohu z zhyttiam; z dosvidu raboty partiinykh organizatsii shkil Ukrains'koi RSR. Uporiadkuvav S. P. Zavoloka. Kyiv, Radians'ka shkola, 1961. 217 p.
(MH)

Sobolieva, M. D., and A. D. Zalieva'kyi. [First All-Ukrainian Congress of the Communist Party of the Ukraine] Persha Vseukrains'ka narada KP(b)U. Kyiv, Derzh. vyd-vo polit. lit-ry URSR, 1961. 112 p. (Z'izdy i konferentsii. Komunistychnoi partii Ukrainy)
(NNC)

UKRAINE—CONSTRUCTION INDUSTRY

Conference on improving the coordination of economic studies in the field of construction in the Ukraine. IA. Frimerman. Ekon. stroi. no. 9 60-61 S '62.

Production cooperatives on collective farms of the Ukrainian S. S. R. in the field of construction. M. Kh. Vdovychenko. Pyt. ekon. sil'. hosp. URSR no. 4 34-39 '61.

Several problems in the organization of construction planning. O. Smazhennyi. Ekon. Rad. Ukr. no. 4 24-29 Jl-Ag '62.

UKRAINE—CONSTRUCTION WORKERS

Youth build. IU. El'chenko. Stroi. i arkhit. 10 no. 9 1-2 S '62.

UKRAINE—CONTAINER INDUSTRY

Give more attention to the production of tare and packing materials. P. Lebedyns'kyi. Ekon. Rad. Ukr. no. 4 75-80 Jl-Ag '62.

UKRAINE—CORN (MAIZE)

Fil'ov, D. S., and I. S. Prokapalo. [Tillage and corn sowing] Obrobitok hruntu ta sivba kukurudzy. [Dnipropetrovs'k] Dnipropetrovs'ke knyzhkove vyd-vo, 1961. 15 p. (Bibliotechka kukurudzovoda)
(DNAL)

Ways for reducing labor and costs in the over-all mechanization of corn production. V. M. Mel'nychenko. Pyt. ekon. sil'. hosp. URSR no. 4 89-102 '61.

UKRAINE—CORN (MAIZE)—HARVESTING

Effectiveness of converting grain combines for corn harvesting. O. H. Zalyhin. Pyt. ekon sil'. hosp. URSR no 4 80-88 '61.

UKRAINE—DAIRY BARNS

Economic effectiveness of loose housing of cows on the "Peremoha" State Farm, Zaporozh'ye Province V. M Pystovoitov, M. S. Lytovchenko. Pyt. ekon. sil'. hosp URSU no. 4 109-112 '61.

UKRAINE—DAIRY CATTLE BREEDING

Out-of-town Session of the Stockbreeding Section of the Scientific Council of the Ministry of Agriculture of the Ukrainian S.S.R. Visnyk sil'hosp. nauky 5 no. 9 124 S '62.

UKRAINE—DANCING

Akademiia nauk URSR, Kiev. Institut mystetstvoznavstva, fol'kloru ta etnografii. [Ukrainian folk dances] Ukrains'ki narodni tantsi. Kyiv, Akad. nauk USSR, 1962. 360 p.
(MH)

UKRAINE—DESCRIPTION AND TRAVEL

Pevzner, M. N. [Along partisan roads] Partizanskimi dorogami. Moskva, Izd-vo DOSAAF, 1960. 143 p.
(NNC)

UKRAINE—ECONOMIC POLICY

Brief news. Ekon. Rad. Ukr. no. 4 127-128 Jl-Ag '62.

It is high time to transfer local soviets' industries to regional economic councils. P. Obraztsov. Ekon. Rad. Ukr. no. 4 94-96 Jl-Ag '62.

Vsevolozhs'kyi, M. M. [Decisive force] Vyrishal'na syla. [Zaporizhzhia] Zaporiz'ke knyzhkovo-gazetne vyd-vo, 1960. 37 p.
(WU)

UKRAINE—EDUCATION

Kolosova, K. A., ed. [In step with life; from work practices of party organizations in schools of the Ukrainian S.S.R.] V nohu z zhyttiam; z dosvidu raboty partiinykh organizatsii shkil Ukrains'koi RSR. Uporiadkuvav S. P. Zavoloka Kyiv, Radians'ka shkola, 1961. 217 p.
(MH)

UKRAINE—EGGS—PRODUCTION

Ways for increasing the production and reducing the cost of eggs. S. V. IAstreb. Visnyk sil'hosp. nauky 5 no. 9 8-15 S '62.

UKRAINE—ELECTRIC POWER PRODUCTION—COSTS

Special features of the analysis of electric energy costs. I. Khomenko. Ekon. Rad. Ukr. no. 4 81-86 Jl-Ag '62.

UKRAINE—EMBROIDERY

Stechishin, Savella. [Art treasure of Ukrainian embroidery] Mystets'ki skarby ukrains'kykh vyshyvok. Winnipeg, Nakl. Soluzu ukrainok Kanady, 1950. 136 p. illus.
(InU)

UKRAINE—FARM MANAGEMENT RESEARCH

Basic results and objectives of research of the Ukrainian Scientific Research Institute of the Economics and Organization of Agriculture. I. N. Romanenko. Pyt. ekon. sil'. hosp. URSR no. 4 5-16 '61.

UKRAINE—FEED-WATER PURIFICATION

Problem of the quality of water in the Ukraine. L. A. Kul's'kii. Khim. prom. [Ukr.] no. 1 5-10 Ja-Mr '62.

UKRAINE—FEEDS

Organization of mixed feed shops at sugar factories. B. D. Kuznetsov. Pyt. ekon. sil'. hosp. URSR no. 4 134-140 '61.

Ways for reducing the cost of forage production on collective farms in the south of the Ukrainian S. S. R. P. A. Vodop'ianov. Pyt. ekon. sil'. hosp. URSR no. 4 125-133 '61.

UKRAINE—FEET

Some particularities of size characteristics of the feet of Ukrainian women. O. V. Farnieva. Izv. vys. uchieb. zav.; tekh. leg. prom. no. 4 103-107 '62

UKRAINE—FIRE PREVENTION—RESEARCH

Small mixed food unit. IU Vybornov. Pozh. delo 8 no 10 26-27 O '62

UKRAINE—FOLK SONGS

Songs on the roads. Mykola Romanika Ukraina no 18 24 S '62.

UKRAINE—FOOD INDUSTRY

For high quality processing of agricultural raw materials and increasing the production of food products. L. Ryzhenko. Ekon. Rad. Ukr. no. 4 16-23 Jl-Ag '62.

UKRAINE—FORAGE PLANTS

Acreage of forage crops on collective farms. L. K. Hrinchuk. Pyt. ekon. sil'. hosp. URSR no. 4 113-119 '61.

UKRAINE—FORESTS AND FORESTRY

Productivity of forests of the forest-steppe in the right-bank area of the Ukraine and ways for its increase. V. S. Bondar. Pyt. ekon. sil'. hosp. URSR no. 4 181-192 '61

UKRAINE—GAS, NATURAL

Capital investments in the gas production of the Ukrainian S. S. R. M. Baranovs'kyi, A. Hlamazda, M. Stasiv. Ekon. Rad. Ukr. no. 4 9-15 Jl-Ag '62.

UKRAINE—GRAIN

Readers' conference in Kiev. Muk.-elev. prom. 28 no 9 p 3 of cover S '62.

UKRAINE—HEMP

Effect of postharvest annual forage crops on the yield of hemp and physicochemical properties of soil. O. IE. Zaiets'kyi. Visnyk sil'hosp. nauky 5 no. 9 100-101 S '62.

UKRAINE—HISTORICAL GEOGRAPHY—MAPS

Simpson, G. W. [Ukraine; a series of maps and explanations indicating the historic and contemporary geographical position of the Ukrainian people. Translated from the English] Ukraina; seriia map i poiasnen' shcho z'iasovuiut istorychne znachennia i suchasne heohrafichne stanovyshche ukrains'koho narodu. Augsburg, Ukrains'ka knyha, 1946. [48] p. maps.
(NNC)

UKRAINE—HISTORY

Los', F. IE., and P. A. Lavrov, eds. [Labor movement in the Ukraine during the period of imperialism] Robitnychyi rukh na Ukraini v period imperializmu; zbirnyk statei. Kyiv, Derzhpolitvydav, 1961. 271 p.
(MH)

UKRAINE—INDUSTRIAL PROCUREMENT

Improve the supply system of materials and equipment. F. Mykhal'chuk. Ekon. Rad. Ukr. no. 4 90-93 Jl-Ag '62.

UKRAINE—INDUSTRIES

"Industrial development in the Ukraine." Part 2: "Economic preparations for the Great October Socialist Revolution; factory and plant production" and "Industrial development in the Ukraine." Part 1: "Handicrafts and manufactures" by O. O. Nesterenko. Reviewed by V. Chuntulov. Ekon. Rad. Ukr. no. 4 120-122 Jl-Ag '62.

UKRAINE—INTELLECTURAL LIFE

Babitchuk, R. V. [October Revolution and the development of Ukrainian Soviet culture] Zhovtneva revoliutsiia i rozvytok ukrains'koi radians'koi kul'tury. Kyiv, 1957. 34 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR. Serila I, no. 21)
(NNC)

UKRAINE—IRON MINES AND MINING

Basic aims and prospects for the development of the Ukrainian mining industry. A. S. Kuz'mich. Izv. vys. ucheb. zav., gor. zhur. no. 10 25-31 '61.

UKRAINE—IRRIGATION FARMING

Perekhrest, S. M. [Irrigation of lands in the southern Ukraine] Oroshenie zemel' IUga Ukrainy. Kiev, Izd-vo Akad. nauk USSR, 1962. 274 p.
(DNAL)

UKRAINE—JOURNALISM

The grain comes forth; this is the season. N. Belogurov. Sov. pech. no. 10 6-11 O '62.

UKRAINE—LABOR AND LABORING CLASSES

Los', F. IE., and P. A. Lavrov, eds. [Labor movement in the Ukraine during the period of imperialism] Robitnychyi rukh na Ukraini v period imperializmu; zbirnyk statei. Kyiv, Derzhpolitvydav, 1961. 271 p.
(MH)

UKRAINE—LABOR SUPPLY—CONGRESSES

Academic conference on the efficient utilization of labor supply. M. D. Ekon. Rad. Ukr. no. 4 125-126 Jl-Ag '62.

UKRAINE—MEDICINE
"History of medicine in the Ukraine, according to materials from the western provinces of the Ukrainian S. S. R." Reviewed by E. IA. Belitskaia. Vrach. delo no. 10 154-155 O '62.

UKRAINE—MINING RESEARCH
Work of the Scientific Council on the development of new equipment and technology in coal and ore mining P. A Demidov Ugol' Ukr 6 no 10 48 O '62

UKRAINE—MIRACLES
The footsteps on the Buzha Mountain M. Ostrovs'kyi. Volov. ateist no. 10 42-43 O '62

UKRAINE—MISTLETOE
Chemicals for controlling the mistletoe. V P. Batiuk, M. IA. Pallenko. Les. khoz. 15 no 6:55 Je '62.

UKRAINE—MOTION PICTURES
"Our long trip." V. Skomorovs'kyi. Ukraina no. 21: 21-22 N '62.

UKRAINE—MOTION PICTURES—PLOTS, THEMES, ETC.
Shcherbak, A. I. [Present-day Ukrainian motion-picture dramaturgy; scenarios of Ukrainian writers, 1945-1960] Suchasnist' v ukrains'kii kinodramaturgii, stsenarna tvorchist' ukrains'kykh pys'mennykiv 1945-1960 rr. Kyiv, Derzhlitvydav Ukrainy, 1962. 235 p.

UKRAINE—NEWSPAPER AND PERIODICAL CIRCULATION
New advertising matter for the new year's subscription campaign. N. Shemchuk. Raspr. pech. no. 10:16-17 O '62

UKRAINE—NEWSPAPERS—SECTIONS, COLUMNS, ETC.
A good idea. Volov. ateist no 10:40-41 O '62.

UKRAINE—OAK
Comparative effectiveness of growing oak by various methods P I Gerasimenko, A V. Litvinov. Agrobiologiia no. 3 419-422 My-Je '62.

UKRAINE—PARASITES—POULTRY
Parasites and parasitoses of chickens in the territory of the Polesye and forest-steppe zone of the Ukrainian S S R and the measures for controlling them. R S. Chebotarev. Trudy NIVI 1 189-195 '60.

UKRAINE—PARASITES—SWINE
Study of the epizootology of macracanthorhynchiasis of swine under the conditions in the Polesye and forest-steppe zone of the Ukrainian S S R. R. S. Chebotarev Trudy NIVI 1.196-200 '60.

UKRAINE—PLANT BREEDING—RESEARCH
On the fiftieth anniversary of the All-Union Institute of Breeding and Genetics in Odessa (1912-1962). A. Morton and others. Agrobiologiia no. 3:430-432 My-Je '62.

UKRAINE—POLICE
People's police of the Ukrainian Republic, I. Holovchenko. Ukraina no. 21.9 N '62.

UKRAINE—POLITICS AND GOVERNMENT
Holubnychy, Vsevolod. [Constitutional status of the Ukrainian S. S. R.] Do pytannia pro derzhavno-pravnyi status URSR. San Andres, Argentina, "Peremoha," 1958. 14 p. [Publ. under his pseud. Vsevolod Golub] (NNC)

UKRAINE—POULTRY
Cost of poultry raising on state farms of the Ukraine. I M. Moskovko. Pyt. ekon sil'. hosp. URSR no. 4:156-160 '61.

UKRAINE—POULTRY—FEEDING AND FEEDS
Role of biomycin in mixed feeds for laying hens. I. P. Bezuhlyi. Visnyk sil'hosp. nauky 5 no. 9:113-116 S '62.

UKRAINE—RADIO STATIONS
Increase the power of radio stations. N. Skachko. Sov. rad. i tel. 6 no. 2:7 '57.

UKRAINE—RADIOLOGY, MEDICAL
Prospects for the development of radiological service in the Republic. N. F. Zarkevich, T. S. Kogut. Vrach. delo no. 10:130-132 O '62.

UKRAINE—RECLAMATION OF LAND
Improve the economic efficiency of using drained lands. K. Prymak, M. Saifulin. Ekon. Rad. Ukr. no. 4:56-62 Jl-Ag '62.

UKRAINE—REVOLUTION, 1917-1921
Khmil, I. S. [With the banner of peace through the flames of war; the diplomatic work of the Ukrainian S.S.R. from 1917 to 1920] Z praporom myru kriz' polum'ia viiny; dyplomatychna dial'nist' Ukrains'koi RSR, 1917-1920. Kyiv, Vyd-vo Akad. nauk RSR, 1962. 354 p. (CSt-H)

Mazepa, Isaac. [Ukraine in the fire and storm of revolution, 1917-1921] Ukraina v vohni i buri revoliutsii, 1917-1921. [Munich] Vyd-vo "Prometei," 1950-1951. 3 v. (naukovo-doslidna biblioteka)
(NNC)

UKRAINE—SERVICE INDUSTRIES—COSTS
Regulate prices for repair and services to the population. P. Kolesnikov. Ekon. Rad. Ukr. no. 4:87-89 Jl-Ag '62.

UKRAINE—SIDEROPLESITE
Sideroplesite from ferroquartzites of the Belozerskoye iron ore deposit. L. IA. Khodiush. Dokl. AN SSSR 146 no. 5:1184-1187 O '62.

UKRAINE—SOVIETS
Brazhnykov, V. IE. [Organizational work of rural soviets of workers' deputies] Organizatsionno-masova robota sil's'kykh rad deputativ trudiashchykh. Kyiv, Vyd-vo Akad. nauk URSR, 1953. 46 p. (WaU)

UKRAINE—STATE FARMS—FINANCE
Cost of production and the effectiveness of the use of working capital. V. M. Rabshtina. Pyt. ekon. sil'. hosp. URSR no. 4 161-166 '61.
Effect of the level of fixed capital on the economic activity of state farms. P. IA. Kravchenko. Pyt. ekon. sil'. hosp. URSR no. 4:167-172 '61.

UKRAINE—STATE FARMS—LABOR PRODUCTIVITY
Labor productivity on state farms producing grain in the southern Ukraine. H. Ptomov. Ekon. Rad. Ukr. no. 4: 43-48 Jl-Ag '62.

UKRAINE—SUGAR BEETS—FERTILIZERS AND MANURES
Economic effectiveness of using liquid nitrogen fertilizers on sugar beets on collective farms of the Ukrainian S. S R. V. S. Barova. Pyt. ekon. sil'. hosp. URSR no. 4:141-145 '61.

UKRAINE—SUGAR BEETS AS FEED
Efficiency of utilizing pulp enriched with ammonia liquor. P. Kolenil. Ekon. sel'khoz. 33 no. 8:111 Ag '62.

UKRAINE—TILLAGE
Tillage system in the southern steppe of the Ukraine. I. L. Kolesnik, P. M. Kurochkin. Zemledelie 24 no. 9: 64-67 S '62.

UKRAINE—VIEWS
[Through Soviet Ukraine; photo report] Po rad. Ukr. no. 9 '62.

UKRAINE—WHEAT
Morphological and biochemical characteristics of some strong wheats from the 1960 crop in the southern part of the Ukraine. L. R. Torzhinskaia and others. Izv. vys. ucheb. zav., pishch. tekh. no. 5:16-20 '62.

UKRAINE—WORLD WAR, 1939-1945—COLLABORATIONISTS
Terlytsia, Marko. [They cannot deny the written word; how Ukrainian bourgeois nationalists served the Hitlerites during the Second World War] Napysanoho sokyrolu ne vyrubaiosh, fakty pro sluzhinnia ukrains'kykh burzhuaznykh natsionalistiv hitlerivtsiam pid chas druhoi svitovoi viiny. [Kyiv, 1960?] 68 p.

UKRAINE—WORLD WAR, 1939-1945—UNDERGROUND MOVEMENTS
Mechnyk, S. pseud. [Under three occupants; recollections of a Ukrainian underground revolutionist] Pid tr'oma okupantamy; spohady ukrains'koho revoliutsionera pidpil'nyka. London, Nakladom Ukrains'koi vydavnychoi spilky, 1958. 208 p. (CtY)

UKRAINE, WESTERN—COLLECTIVE FARMS—INTERFARM COOPERATION
Economic efficiency of intercollective farm production cooperation. L. Olesnevych. Ekon. Rad. Ukr. no. 4: 63-67 Jl-Ag '62.

UKRAINE, WESTERN—STOCK AND STOCKBREEDING
Size of livestock sections on collective farms in the western provinces of the Ukraine. I. V. Popovich, R. A. Ivanukh. Visnyk sil'hosp. nauky 5 no. 9:3-7 S '62.

UKRAINIAN ARCHITECTS see Architects, Ukrainian

UKRAINIAN AUTHORS see Authors, Ukrainian

UKRAINIAN DRAMA—HISTORY AND CRITICISM
"Problem of conflict in dramaturgy; essays on the history of Ukrainian realistic drama of the second half of the 19th century" by Zakhar Moroz. Reviewed by V. O. Sakhnovs'kyi-Pankieiev. Rad. lit. 6 no. 4:134-137 Jl-Ag '62.

UKRAINIAN LANGUAGE
Studies conducted during 1961 in the O. O. Potebnia Institute of Linguistics, Academy of Sciences of the Ukrainian S. S. R. M. M. Peshchak. Movoznavstvo 17:118-123 '62.

UKRAINIAN LANGUAGE—COMPOSITION AND EXERCISES
Vashchenko, V. S., comp. [Samples of the present day Ukrainian language and drill exercises] Zrazky suchasnoi ukrainskoi movy ta vpravy dlia navchannia. Kharkiv, Vyd-vo Kharkivs'koho univ., 1961. 323 p. (MH)

UKRAINIAN LANGUAGE—CONJUNCTIONS
Karans'ka, M. U. The conjunctions "shcho" and "shchob" and grammatical constructions used with them in the modern Ukrainian literary language] Spoluchnyky "shcho," "shchob" i hramatychni konstruktsii z nymy v suchasnii ukrains'kii literaturnii movi. Vyd-vo Akad. nauk URSR, 1962. 133 p.

UKRAINIAN LANGUAGE—CONSONANTS
Some characteristics of the consonantism of T. H. Shevchenko's poetic language. M. A. Zhovtobriukh. Movoznavstvo 17:53-67 '62.

UKRAINIAN LANGUAGE—NUMERALS
Ivchenko, M. P. [Numerals of the Ukrainian language] Chyslivnyky ukrains'koi movy. [Kyiv] Vyd-vo Kyivs'koho derzh. univ. 1955. 142 p. (MH)

UKRAINIAN LANGUAGE—ORTHOGRAPHY
Place of T. H. Shevchenko's spelling practices in the history of Ukrainian orthography. K. S. Ustiianka. Movoznavstvo 17:108-116 '62.

UKRAINIAN LANGUAGE—ORTHOGRAPHY AND SPELLING
Oksanenko, Petro. [Ukrainian spelling, most important rules of Ukrainian spelling in connection with grammar] Ukrains'kyi pravopys; naiholovnishi pravyla ukrains'koho pravopysu v zv'iazku z hramatykoiu. Augsburg, 1946. 53 p. (NNC)

UKRAINIAN LANGUAGE—RIME
Some language characteristics of Shevchenko's rime. V. V. Koptilov. Movoznavstvo 17:101-107 '62.

UKRAINIAN LANGUAGE—STUDY AND TEACHING
Kiev. Naukovo-doslidnyi instytut pedagogiky. [Experience of teaching the Ukrainian language in secondary schools of the Ukrainian S.S.R.] Z dosvidu vykladannia ukrains'koi movy v serednikh shkolakh Ukrains'koi RSR. Kyiv, Radians'ka shkola, 1958. 156 p. (NNC)
Parkhomenko, O. M. [Ukrainian language; manual for normal schools] Ukrains'ka mova; pidruchnyk dlia pedagogichnykh uchylyshch. Za red. V. S. Il'ina. Vyd. 3., vypr. Kyiv, Radians'ka shkola, 1962. (C-Vu)

UKRAINIAN LANGUAGE—STYLE
From studies on the language of T. Shevchenko's poem "Marita." A. M. Matvienko. Movoznavstvo 17:78-83 '62.
Ivan Franko's thoughts on the language employed by T. Shevchenko. Z. T. Franko. Movoznavstvo 17:62-71 '62.
Language of T. H. Shevchenko's letters. P. H. Ivshyna. Movoznavstvo 17:66-77 '62.
Losyn, V. M. [Composition and subject of the literary work; a lecture] Kompozytsiia i siuzhet literaturnoho tvoru; lektsiia. [L'viv] Vyd-vo L'vivs'koho univ., 1960. 43 p. (NNC)
T. H. Shevchenko, founder of the Ukrainian literary language. I. K. Bilodid. Movoznavstvo 17:13-28 '62.
Urgent tasks in the study of the language of T. H. Shevchenko. P. P. Pilnalich. Movoznavstvo 17:3-12 '62.

UKRAINIAN LANGUAGE—STYLE—BIBLIOGRAPHY see Bibliography—Ukrainian language—Style

UKRAINIAN LANGUAGE—TEXTBOOKS FOR FOREIGNERS
Temchenko, IE. V. [The Ukrainian language; textbook for grade 3 of the Russian school] Ukrains'ka mova; pidruchnyk dlia III klasu shkil z rosiis'koiu movoiu navchannia. Vyd. 11. Kyiv, "Radians'ka shkola," 1958. 176 p. (NNC)

UKRAINIAN LITERATURE—BIBLIOGRAPHY see Bibliography—Ukrainian literature

UKRAINIAN LITERATURE—HISTORY AND CRITICISM
At Lvov University. F. N. Rad. lit. 6 no. 4:154 Jl-Ag '62.
Comments on the prose of "Sovetskaia Ukraina." M. T. Ravliuk. Rad. lit. 6 no. 4:21-26 Jl-Ag '62
Interuniversity Academic Conference devoted to the problems of the Soviet Ukrainian novel and the work of Mykhailo Stel'makh. V. P. Saienko. Rad. lit. 6 no. 4:162-164 Jl-Ag '62.
Man and the beautiful. Mikhail Logvinenko. Sov. lit. no. 9:149-162 S '62.
On the threshold of Soviet Ukrainian criticism; 1917-1920. L. M. Kovalenko. Rad. lit. 6 no. 4:45-65 Jl-Ag '62.
With the literary scholars of Dnepropetrovsk University. M. V. Kalynychenko. Rad. lit. 6 no. 4:157 Jl-Ag '62.

UKRAINIAN LITERATURE—PERIODICALS
Comments on the prose of "Sovetskaia Ukraina." M. T. Ravliuk. Rad. lit. 6 no. 4:21-26 Jl-Ag '62.

UKRAINIAN POETRY—HISTORY AND CRITICISM

Ivanysenko, V. P. [Poetry and the life of the people] Poeziia i zhyttia narodu. Kyiv, Derzhlitvydav Ukrainy, 1962. 181 p.

UKRAINIANS see subdivision under Canada; Hungary

UKRAINIANS IN BRAZIL

Zinko, Vasyl'. [Ukrainian schools in Brazil; historical and legal study] Ridna shkola u Brazylii, istorychno-pravnyi narys. Prudentopolis, Vyd-vo OO. Vasyliian, 1960. 244 p.
(IU)

ULAN BATOR—ART—STUDY AND TEACHING

Young artists leave for the country. A. Nergui. Sovr. Mong. 7 no. 6:14 Je '62.

ULAN BATOR—CITY PLANNING

Our capital will be even more beautiful. Sovr. Mong. 7 no. 6:12 Je '62.

ULAN BATOR—RESTAURANTS, LUNCHROOMS, ETC.

Bulgarian cooking in Mongolia. L. Enkhe. Sovr. Mong. 7 no. 6:22-23 Je '62.

ULAN-UDE—LIBRARY SCHOOLS AND TRAINING

In the East Siberian Library Institute. I. G. Morgenshtern. Sov. bibl. no. 4:107-109 '62.

UL'IANOV, DMITRII IL'ICH, 1874-1943

Rudnev, D. M. [Dmitrii Il'ich Ul'ianov in Tartu] Dmitrii Il'ich Ul'ianov v Tartu. Tallinn, Estonskoe gos. izd-vo, 1959. 59 p. facsims.
(NNC)

ULIANOVA, MARIIA IL'INICHNA, 1878-1937

Ershov, D. A. [Great friend of rural worker correspondents] Bol'shoi drug rabsel'korov. Moskva, Gos. izd-vo, polit. lit-ry, 1959. 97 p.
(NNC)

Lenin's sister. IU. Makhina. Ogonek 40 no. 25:16 Je '62.

ULTRABASITE see subdivision under Belozerka region (Zaporozh'ye Province)

ULTRABASITES—NOMENCLATURE see subdivision under Ural Mountains

ULTRASONIC TESTING

Ultrasonic instead of X-ray or gamma-ray testing. B. G. Kolenda. Sudostroenie 28 no. 9:48-51 S '62.

ULTRASONIC WAVES

Instability of the drift of carriers in solids and coherent phonon radiation. A. A. Vedenov, E. P. Velikhov. Zhur. eksp. i teor. fiz. 43 no. 3:1110-1112 '62.

ULTRASONIC WAVES—INDUSTRIAL APPLICATIONS

Cleaning and degreasing piston rings of internal combustion engines by means of ultrasonic oscillations. A. P. Gindis, A. A. Bershitskii. Avt. prom. 28 no. 9:40-43 S '62.

Cleaning linotype matrices with ultrasonic waves. IU. M. Bystrov, L. G. Merkulov, V. A. Novitskii. Poligr. proizv. no. 10:26-27 O '62.

Intensification of heat exchange by means of ultrasonic waves. P. N. Kubanskii. Teploenergetika 9 no. 11:79-84 N '62.

Ultrasonic emulsifier for forming a water-oil emulsion. M. P. Pribyl'skii. Stroi. i dor. mash. 7 no. 9:18-19 S '62.

Use of ultrasonic techniques in the automatic control of the quality of the parameters of petroleum products [in Azerbaijani with summary in Russian]. M. A. Topchubashov, I. A. Memmedov. Trudy ENIN AN Azerb. SSR 15:155-165 '62.

ULTRASONIC WAVES—PHYSIOLOGICAL EFFECT

Physicochemical properties and hormonal activity of insulin exposed to the action of ultrasonic waves. I. L. El'piner, L. I. Stekol'nikov. Dokl. AN SSSR 146 no. 3:700-703 S '62.

Study of the conditions of absorption of a soluble antigen isolated from Mycobacterium tuberculosis subjected to ultrasonic waves. V. A. Blagoveshchenskii, G. I. Stepanchenok-Rudnik, L. V. Zhulina. Zhur. mikrobiol., epid. i immun. 33 no. 8:130 Ag '62.

ULTRAVIOLET RAYS

Disinfectants against the stimulators of the mesentericus bacteria in bread. A. P. Demchuk. Izv. vys. ucheb. zav.; pishch. tekh. no. 5:73-77 '62.

Effect of ultraviolet light and casein substratum on the polarographic wave and the catalytic activity of subtilisin. I. D. Ivanov, E. E. Rakhleeva. Dokl. AN SSSR 146 no. 5:1203-1205 O '62.

ULTRAVIOLET RAYS—PHYSIOLOGICAL EFFECT

Effect of light on riboflavin metabolism in the organism [with summary in English]. E. M. Maslenikova. Vop. pit. 21 no. 3:56-61 My-Je '62.

ULU-TAU—GNEISS

Genesis of granite gneisses in the Souktal'skiy massif (northern Ulu-Tau). IU. S. Krakovskii. Izv. vys. uch. zav.; geol. i razv. 5 no. 7:42-54 Jl '62.

UL'YANOVSK PROVINCE—FEEDS

If there are feeds there will be milk and meat. N. S. Rybkin, V. M. Kargin, M. V. Ivanov. Uchet i fin. v kolkhoz. i sovkhoz. 19 no. 8:6-8 S '62.

UNDERDEVELOPED AREAS

Economic contacts between the European people's democracies and underdeveloped countries. L. Zevin, V. Menliker, N. Ushakova. Mir. ekon. i mezhdunar. otn. no. 11:123-129 N '62.

Juvenile press review. Claude Martel. Mol. mira no. 6:19-24 '61.

The weapon of imperialist policy. V. Rymalov. Mezhdunar. zhizn' 9 no. 11:13-23 N '62.

The world socialist system and the national liberation movement. E. Zhukov. Mezhdunar. zhizn' 9 no. 11:97-100 N '62.

UNDERDEVELOPED AREAS—FOREIGN ECONOMIC RELATIONS—EUROPE, WESTERN

The Common Market is a collective attack of the colonialists [with summary in English, p. 232-233]. Nar. Az. i Afr. no. 5:60-69 '62.

UNDERDEVELOPED AREAS—INVESTMENTS, FOREIGN

The influence of the collapse of the colonial system on the international flow of capital to the underdeveloped countries [with summary in English, p. 231-232]. R. A. Ul'ianovskii. Nar. Az. i Afr. no. 5:33-46 '62.

UNDERDEVELOPED AREAS—POLITICS

The alliance of the working class and the peasantry in national-liberation revolutions [with summary in English, p. 231]. G. F. Kim. Nar. Az. i Afr. no. 5:3-12 '62.

The people's democratic state [with English summary in insert]. G. Kim. Az. i Afr. seg. no. 10:2-5 O '62.

UNDERGROUND LITERATURE see subdivision under Russia

UNDERPASSES see subdivision under Moscow

UNDERWATER CUTTING see Underwater welding and cutting

UNDERWATER DRILLING—EQUIPMENT AND SUPPLIES see subdivision under Siberia

UNDERWATER WELDING AND CUTTING

Semiautomatic underwater cutting. A. I. Shliamin. Svar. proizv. no. 10:26-27 O '62.

UNDULANT FEVER see Brucellosis

UNION CATALOGS see Catalogs, Union

UNION OF SOVIET SOCIALIST REPUBLICS see Russia

UNITED NATIONS

The days when all hung by a thread. N. Sergeeva. Nov. vrem. 20 no. 45:14-17 N '62.

Ivanitskii, M. N. [The road to independence; from the history of the solution of the problem of the former Italian colonies, 1945-1950] Put' k nezavisimosti, iz istorii resheniia voprosa o sud'be byvshikh ital'ianskikh kolonii, 1945-1950. Kiev, Izd-vo Akad. nauk USSR, 1962. 134 p.

A time to decide and act. F. Orekhov. Mezhdunar. zhizn' 9 no. 11:7-12 N '62.

Who gave them the right? K. Nepomniashchii. Ogonek 40 no. 44:2-3 O '62.

UNITED NATIONS—COMMISSIONS

U. S. S. R. is for cooperation in the interests of peace [with English summary in appendix]. M. Pochkaeva, D. Andreev. Vnesh. torg. 42 no. 10:3-8 '62.

UNITED NATIONS—ECONOMIC ASSISTANCE

Pochkaeva, M. V. [Legal problems relating to economic cooperation among the members of the United Nations; the United Nations Economic Commission for Europe] Pravovye voprosy ekonomicheskogo sotrudnichestva gosudarstv v sisteme OON; Ekonomicheskaia Komissiia OON dlia Evropy. Moskva, Gosiurizdat, 1962. 74 p.

UNITED STATES—AGRICULTURE

American farmers during the Second World War. V. P. Zolotukhin. Nov. i noveish. ist. no. 4:47-62 '62.

"Readings in the history of American agriculture" [in English]. Reviewed by M. V. Demikhovskii. Vop. ist. no. 10:175-177 O '62.

UNITED STATES—ARMY—POLITICAL ACTIVITY

The Pentagon is intensifying its ideological preparations for war. A. Shevchenko, O. Rzheshevskii. Komm. Vooruzh. Sil 3 no. 20:80-85 O '62.

UNITED STATES—ARTIFICIAL SATELLITES

American military satellites. V. Kostin. Av. i kosm. 45 no. 10:94-95 '62.

UNITED STATES—ATOMIC BOMB SHELTERS

Apostles of atomic psychopathy. A. Mironenko. Nauka i rel. no. 5:49 My '62.

UNITED STATES—CAPITALISM

In search of a new signboard. I. Geevskii. Sov. profsoiuzy 18 no. 20:41-43 O '62.

UNITED STATES—CARTOGRAPHY

Present state of cartography in the U. S. A. [abridged translation from the German]. D. S. Rugg. Geod. i kart. no. 9:68-75 S '62.

UNITED STATES—CIVIL WAR

"The second American revolution" by G. P. Kuropiatnik. Reviewed by L. I. Zubok. Nov. i noveish. ist. no. 4:155-157 '62.

UNITED STATES—COMMERCE

United States faces the dilemma of the "Common Market." J. Wheeler. Mezhdunar. zhizn' 9 no. 11:134-137 N '62.

UNITED STATES—COMMUNIST PARTY

In the struggle against fascism and war. Art. Shields. Agitator no. 23:21-24 D '62.

Increasing solidarity of United States workers with the Soviet Union, 1930-1933. V. K. Fursev. Uch. zap. kaf. ist. mezhdunar. rab. i nats.-osv. dvizh. no. 1:111-129 '59.

UNITED STATES—COST AND STANDARD OF LIVING

"Work injuries and the standard of living of American workers" by I. T. Nozdrenko. Reviewed by A. Bezlaiskii. Komm. Ua. 34 no. 7:94-96 Jl '62.

UNITED STATES—ECONOMIC CONDITIONS

Economy of the United States is on the threshold of a new depression. V. Kur'erov. Vnesh. torg. 12 no. 10:41-47 '62.

On the threshold of a new recession. T. Belous. Mir. ekon. i mezhdunar. otn. no. 11:110-117 N '62.

UNITED STATES—ELECTRIC POWER STATIONS—FUEL SYSTEMS

Practices of thermal electric power stations in burning coal delivered from the mines in a mixture with water. A. N. Antipin. Teploenergetika 9 no. 11:89-90 N '62.

UNITED STATES—FLY ASH

Some data concerning the utilization of fly ash from thermal electric plants in the United States (from foreign periodicals). A. N. Antipin. Stroi. mat. 8 no. 9:30-3 of cover S '62.

UNITED STATES—FOREIGN ECONOMIC RELATIONS—AFRICA

Strike force of collective colonialism [with English summary in insert]. V. Ushakov. Az. i Afr. seg. no. 10:14-18 O '62.

UNITED STATES—FOREIGN ECONOMIC RELATIONS—EUROPEAN ECONOMIC COMMUNITY COUNTRIES

Atlantic imperialism; its history and present-time development. B. Likhachov. Mir. ekon. i mezhdunar. otn. no. 11:82-95 N '62.

UNITED STATES—FOREIGN RELATIONS

"A new look at American policy during the Italo-Ethiopian crisis, 1935-1936" [in English] by Hendel son B. Braddick. Reviewed by D. B. Veblikov. Nov. i noveish. ist. no. 4:182-183 '62.

Plot against the peoples. Ogonek 40 no. 44:2 O '62.

A sane policy of peace. Mir. ekon. i mezhdunar. otn. no. 11:3-6 N '62.

UNITED STATES—FOREIGN RELATIONS—AFRICA

"New course," old conflicts. L. Konovalov. Mezhdunar. zhizn' 9 no. 11:43-50 N '62.

UNITED STATES—FOREIGN RELATIONS—CHINA

"Recognition of Communist China?" by R. Newman; "Awakened China; the country Americans don't know." By F. Greene (both in English). Reviewed by A. Nikin. Az. i Afr. seg. no. 10:62-63 O '62.

UNITED STATES—FOREIGN RELATIONS—CUBA

Aspects of the "Cuban crisis." B. Izakov. Nov. vrem. 20 no. 45:18-20 N '62.

The days when all hung by a thread. N. Sergeeva. Nov. vrem. 20 no. 45:14-17 N '62.

Reason versus recklessness. Nov. vrem. 20 no. 45:1-2 N '62.

We are with you, Cuba! Az. i Afr. seg. no. 10:56 O '62.

UNITED STATES—FOREIGN RELATIONS—INDONESIA

"Whose hand is in the pie? [In Indonesian] by Wirjoenmarto. Reviewed by V. Ilvin. Az. i Afr. seg. no. 10:58-60 O '62.

UNITED STATES—FOREIGN RELATIONS—RUSSIA

"I got acquainted with your magazine..." Michael John Holberg. Mezhdunar. zhizn' 9 no. 11:138-139 N '62.

UNITED STATES—HISTORIOGRAPHY

Present-day American bourgeois historiography of the U. S. labor movement [with summary in English, pp. 220-221]. V. L. Mal'kov. Vop. ist. no. 10:80-88 O '62.

UNITED STATES—HISTORY

Anapova, E. V. [Recent history of the U. S. A., 1910-1939] Noveishaia istoriia SShA, 1919-1939 gody. Moskva, Izd-vo in-ta mezhdunarodnykh otnoshenii, 1962. 302 p.

UNITED STATES—HOSPITAL CARE

Some indices of hospital service in the U. S. A. and England, a survey of the literature. A. M. T'Syn. Sov. zdrav. 21 no. 10:92-95 '62.

UNITED STATES—INCOME
Differentiation of personal incomes in the U.S.A. Z.Aleksandrova. Biul nauch.inform. trudy i zar. plata 5 no.9:58-77 '62.

UNITED STATES—INDUSTRIAL ACCIDENTS
"Work injuries and the standard of living of American workers" by L.T Nazarenko Reviewed by A Breslavskii Komm.Uz. 34 no.7 94-96 Jl '62.

UNITED STATES—INDUSTRIES
Moscow. Nauchno-issledovatel'skii ekonomicheskii institut [Structural changes in the industries of the United States, Great Britain and the German Federal Republic in the postwar years] Strukturnye izmeneniia v promyshlennosti SShA, Anglii i FRG v poslevoennye gody Moskva, Ekonomizdat, 1962 417 p

UNITED STATES—LABOR AND LABORING CLASSES
Present-day American bourgeois historiography of the U.S. labor movement [with summary in English, pp. 220-221] V.L. Mal'kov Vop ist no 10,80-98 O '62.
Some problems of the U.S labor movement before and during the Second World War in the interpretation of American historians. B.IA. Mikhailov. Nov. i noveish. ist. no.4:120-132 '62.

UNITED STATES—LANGUAGE AND LANGUAGES—STUDY AND TEACHING
Teaching of foreign languages in the United States. T.A. Il'ina. Inostr. iaz v shkole no.5:106-113 S-O '62

UNITED STATES—MILITARY POLICY
Washington's obsession. V Matveev. Mezhdunar.zhizn' 9 no.11 104-110 N '62.

UNITED STATES—MILITARY RECONNAISSANCE
Reconnaissance in an army division of the U.S A., review of the foreign military press V Brodov. Voen. vest 42 no.10 114-119 O '62

UNITED STATES—MINE TIMBERING—HYDRAULIC EQUIPMENT
New design of walking hydraulic supports for stopes A A Pirskii Ugol' Ukr 6 no 10 41-42 O '62

UNITED STATES—NATIONAL GUARD
The National Guard of the United States is a weapon of reactionary imperialism V.Zav'ialov. Komm. Vooruzh.Sil 3 no.21:87-89 N '62.

UNITED STATES—PETROLEUM—REFINERIES
Kaz'min, G.I., and others. [Petroleum refineries of the U.S.A.] Neftepererabatyvaiushchie zavody SShA. Moskva, Gostoptekhizdat, 1962 332 p.

UNITED STATES—POLITICS AND GOVERNMENT
In the struggle against fascism and war. Art Shields. Agitator no.23:21-24 D '62.
Soviet historians have talked with Henry Winston, S.M. Askol'dova. Nov. i noveish. ist no.4:194 '62.

UNITED STATES—PROPAGANDA, ANTI-COMMUNIST
The Pentagon is intensifying its ideological preparations for war. A.Shevchenko, O.Rzheshevskii. Komm. Vooruzh.Sil 3 no.20 80-85 O '62.

UNITED STATES—PUBLIC RELATIONS
"Public relations" as the propaganda of American monopolies S Epshtein Mir ekon i mezhdunar otn no 11 43-53 N '62

UNITED STATES—RADIOBROADCASTING
Spiritual poison. R.Strel'nikov. Sov.rad.i tel. 6 no.6:36-37 '57.

UNITED STATES—RAILROADS—TIES
Practices in tie maintenance and repair (from "Railway Track and Structures," no. 11, 1961) Put' i put. khoz. 6 no 8:47 '62.

UNITED STATES—RAILROADS—TRACK
High-strength steel anchors (from "Railway Track and Structures," no.10, 1961). Put' i put khoz. 6 no 8: 47 '62

UNITED STATES—RELATIONS (GENERAL) WITH JAPAN
Japanese science shouldn't serve the interests of the American-Japanese military alliance. S. L. Budkevich. Vop. ist. no. 10:190-192. O '62.

UNITED STATES—RELATIONS (GENERAL) WITH RUSSIA
Increasing solidarity of United States workers with the Soviet Union, 1930-1933. V. K. Fursev. Uch. zap. kaf. ist. mezhdunar. rab. i nats.-osv. dvizh. no. 1:111-129 '59.

UNITED STATES—RELATIONS (MILITARY) WITH JAPAN
"Economic and military "assistance" of the U. S. A. to Japan" by A. L. Dinkevich. Reviewed by V. A. Vlasov. Nar Az. i Afr. no. 5:175-176 '62.

UNITED STATES—RELIGION
"Religion in the dollar country" by V.G Sarbei. Reviewed by M. Proianovs'kyi. Voiov. ateist no. 10:63-64 O '62.

UNITED STATES—RESEARCH, INDUSTRIAL
Utilization of engineering, technical and scientific personnel in the industry of the United States. M.Shukhgalter. Biul.nauch.inform.: trud i zar.plata 5 no.9: 53-59 '62.

UNITED STATES—SLUMS
"In the concrete jungles" of America. K.IUr'ev. Sov. profsoiuzy 18 no.20 43-11 O '62.

UNITED STATES—SOCIAL CONDITIONS
Beliaev, A.A. [Troubled mines] Smiatennye dushi. [Moskva] Molodaia gvardiia, 1962. 110 p.
"Globe," no.10. Smena 39 no.20-16-17 O '62.
Grebnev, A.V. [On the other side] Po tu storonu. Moskva, Izd-vo "Izvestiia," 1962. 84 p. (Biblioteka "Izvestii")
Kahn, A.E. [The game of death. Translated from the English] Igra so smert'iu. Moskva, Izd-vo "Pravda," 1962. 47 p. (Biblioteka "Ogonek," no. 43)
Kovalenko, G.IA., and A.I. Fierovskii. [In the country of millionnaires and unemployed; American notes] V strane millionerov i bezrabotnykh, amerikanskie zametki. [Moskva] Izd-vo "Znanie," [1962] 47 p. (Novoe v zhizni, nauke, tekhnike. X Seriia: Molodezh-naia, no. 17)
You take part in a great discussion. Aleksandr Mikhailevich. Smena 39 no.20 1-2 O '62.

UNITED STATES—TECHNICIANS IN INDUSTRY
Utilization of engineering, technical and scientific personnel in the industry of the United States. M.Shukhgalter. Biul.nauch.inform.: trud i zar. plata 5 no.9:53-59 '62.

UNITED STATES—TELEVISION BROADCASTING
Spiritual poison. R.Strel'nikov. Sov.rad.i tel. 6 no.6:36-37 '57.

UNITED STATES—TRADE UNIONS
The "cold war" reserve. George Morris. Mezhdunar. zhizn' 9 no.11:51-61 N '62.

UNITED STATES—YOUTH
Belinev, A.A. [Troubled mines] Smiatennye dushi. [Moskva] Molodaia gvardiia, 1962. 110 p.
Kahn, A.E. [The game of death. Translated from the English] Igra so smert'iu. Moskva, Izd-vo "Pravda," 1962. 47 p. (Biblioteka "Ogonek," no. 43)

UNITS
International unit system. N.V.Kalashnikov, L.R. Stotskii. Kozh.-obuv.prom. 4 no.10 31-34 O '62.
"SI" unit system in the teaching of technical mechanics in technical schools. E.L.Chernyi. Sred. spets. obr. 9 no.9 51-54 S '62.
Teaching the unit systems. V.M.Derlan Fiz.v shkole 22 no.4:82-85 Jl-Ag '62.

UNIVERSE see Cosmography; Cosmogony

UNIVERSITIES AND COLLEGES
(see also subdivision under Leningrad)
Russia (1917- R.S.F.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. [Handbook of the institutions of higher learning of the Ministry of Higher and Secondary Specialized Education of the R.S.F.S.R.] Obzornyi spravochnik vysshikh uchebnykh zavedenii Ministerstva vysshego i srednego spetsial'nogo obrazovaniia RSFSR. [Moskva] Rosvuzizdat, 1962. 325 p

UNIVERSITIES AND COLLEGES—GRADUATE WORK
Good scientists and teachers are a guaranty of success. Vest. vys. shkoly 20 no.10.67-72 O '62.

UNSATURATED COMPOUNDS
Addition of 3, 3, 5, 5-tetranitropiperidine to α, β-unsaturated compounds. I.S. Ivanova and others. Izv. AN SSSR Otd. khim. nauk no. 9:1686-1688 S '62.

URAL MOUNTAIN REGION—COAL—ANALYSIS
Spore-pollen complex and coals of Triassic variegated sediments in the depressions of the Eastern Ural synclinorium. V.I. Tuzhikova. Trudy Gor.-geol. inst. UFAN SSSR no.61:119-127 '61.

URAL MOUNTAIN REGION—ELECTRIC POWER DISTRIBUTION
Grinberg, IA.S. [Electrification and municipal services in the cities of the Urals] Elektrifikatsiia byta v gorodakh Urala. Sverdlovsk, Akad. nauk SSSR, Ural'skii filial, 1962. 39 p.

URAL MOUNTAIN REGION—GAS, NATURAL—STORAGE
Novosel'skoye upland is a possible location of underground storage of gas in the central trans-Ural region. A.I Malinov. Trudy SGPK no. 3,163-171 '62.

URAL MOUNTAIN REGION—GEOLOGY, STRATIGRAPHIC
Conditions governing the accumulation of Jurassic continental sediments in the eastern slope of the Northern Urals. M.M. Bezhaev. Trudy Gor.-geol. inst. UFAN SSSR no.61:107-114 '61.
Current problems of the stratigraphy of Mesozoic sediments in the trans-Ural region. G.N. Papulov. Trudy Gor.-geol. inst. UFAN SSSR no.61:3-10 '61.

URAL MOUNTAIN REGION—INVESTMENTS, FRENCH
The Platinum Industrial Joint-Stock Company. M.P. Vlatkin. Trudy LOII AN SSSR. no.4:142-164 '62.

URAL MOUNTAIN REGION—IRON AND STEEL PLANTS
Steelmakers from the Urals are striving to make use of internal potentialities in the industry. V.G. Pushkov, V.G. Vinokurov. Metallurg 7 no.11:11-13 N '62.

URAL MOUNTAIN REGION—METALLURGICAL RESEARCH
In the Ural Mountain Region Scientific Research Institute for Ferrous Metals. A.A. Pokrovskii and others. Stal' 22 no.10 892, 916, 948, 953 O '62.

URAL MOUNTAIN REGION—MUNICIPAL SERVICES
Grinberg, IA.S. [Electrification and municipal services in the cities of the Urals] Elektrifikatsiia byta v gorodakh Urala. Sverdlovsk, Akad. nauk SSSR, Ural'skii filial, 1962. 39 p.

URAL MOUNTAIN REGION—ORE DEPOSITS
Several problems of the formation and classification of alluvial placers. S.S. Konovalenko. Izv. AN [illegible] geog. no.5 22-31 S-O '62.
Shrin, N.A. [Igneous activity and metallogenetic characteristics of the subarctic and Arctic Ural Mountain region] Magmatizm i ego metallogenicheskie osobennosti na Pripolarnom i Poliarnom Urale. Moskva, Gosgeoltekhizdat, 1962. 287 p.

URAL MOUNTAIN REGION—OSTRACODA, FOSSIL
New species of ostracods from Santonian continental sediments in the eastern slope of the Urals. L.S. Lyubimova. Trudy Gor.-geol. inst. UFAN SSSR no.61:69-97 '61

URAL MOUNTAIN REGION—PALYNOLOGY
New location in the distribution of Upper Jurassic and Lower Cretaceous continental sediments in the central trans-Ural region. R.A. Zhuikova. Trudy Gor.-geol. inst. UFAN SSSR no.61:101-105 '61.
Spore-pollen complex and coals of Triassic variegated sediments in the depressions of the Eastern Ural synclinorium. V.I. Tuzhikova. Trudy Gor.-geol. inst. UFAN SSSR no.61:119-127 '61.

URAL MOUNTAIN REGION—PIONEERS (COMMUNIST YOUTH)
Pioneers radio club. V. Perebatov. Sov.rad.i tel. 6 no.4:13-14 '57.

URAL MOUNTAIN REGION—PLATINUM
The Platinum Industrial Joint-Stock Company. M.P. Vlatkin. Trudy LOII AN SSSR. no.4:142-164 '62.

URAL MOUNTAIN REGION—RADIO CLUBS
Pioneers radio club. V. Perebatov. Sov.rad.i tel. 6 no.4:13-14 '57.

URAL MOUNTAIN REGION—RADIO PROGRAMS
The best people speak. Sov.rad.i tel. 6 no.4:5 '57.

URAL MOUNTAIN REGION—REVOLUTION, 1917-1923
The best people speak. Sov.rad.i tel. 6 no.4:5 '57.

URAL MOUNTAIN REGION—ROCKS, IGNEOUS
Shrin, N.A. [Igneous activity and metallogenetic characteristics of the Polar Ural Mountain region] Magmatizm i ego metallogenicheskie osobennosti na Pripolarnom i Poliarnom Urale. Moskva, Gosgeoltekhizdat, 1962. 287 p.

URAL MOUNTAINS—ALUMINUM PLANTS—VENTILATION
Controlling dust in the alumina and electrode shops of the Ural Aluminum Plant. A.S. Tishchenko, [illegible] po silik. no.3:187-190 '61.

URAL MOUNTAINS—DEEP-SEA DEPOSITS
Stratigraphy of Cretaceous marine sediments in the eastern slope of the Central Urals in the light of data of foraminifers. F.V. Kiprianova. Trudy Gor.-geol. inst. UFAN SSSR no.61:11-48 '61.

URAL MOUNTAINS—FOLDS (GEOLOGY)
Forms of the fold structures in the Magnitogorsk megasyncline [with summary in English]. K.I. Plusnin. Biul. MOIP. Otd. geol. 37 no.3:31-40 [illegible] '62.

URAL MOUNTAINS—FORAMINIFERA, FOSSIL
Stratigraphy of Cretaceous marine sediments in the eastern slope of the Central Urals in the light of data of foraminifers. F.V. Kiprianova. Trudy Gor.-geol. inst. UFAN SSSR no.61:11-48 '61.

URAL MOUNTAINS—FRUIT CULTURE
Winter hardiness of fruit trees in the Southern Urals V.S. Sannikov. Agrobiologiia no.3 397-400 My Je '61

URAL MOUNTAINS—GEOCHEMISTRY
Geochemical method for studying landforms and landscape characteristics of the migration of trace elements in the Ori-Kumak watershed (Southern Urals) [with summary in English]. M.M. Ermolaev, N.S. Chochia, L.I. Kiym. Vest. LGU 17 no.10:95-108 '62.

URAL MOUNTAINS—GEOLOGY, STRATIGRAPHIC
The Caledonian Urals, the post-Caledonian planation surface and the deposits of the Central Urals connected with it. B.P. Krotov. Dokl. AN SSSR 146 no.3,665-671 S '62.
Cross section of Upper Cretaceous marine sediments in the Southern Urals. Z.I. Stinikova. Trudy Gor.-geol. inst. UFAN SSSR no.61:49-68 '61.

URAL MOUNTAINS—GEOLOGY, STRUCTURAL
Zones of principal deformations in the structure of the Southern Urals. V.M. Chaika, A.P. Kozak, A.E. Miroshnikov. Sov. geol. 5 no.10:120-126 O '62.

URAL MOUNTAINS—IRON MINES AND MINING

Intensity of dust formation under various mining systems in some Ural iron-ore mines. V. A. IArtsev, L. N. Prokop'ev, V. V. D'iakov. Sbor. rab. po silik. no 3 19-31 '61

Intenstiy of the dissemination of dust into the mine atmosphere during various mining operations in Ural iron-ore mines. V. I. Kovalev, V. V. D'iakov. Sbor. rab. po silik. no 3;191-198 '61.

URAL MOUNTAINS—MINE VENTILATION

Study of natural air movement in deep pits S. S. Filatov. Sbor. rab. po silik no. 3 91-107 '61.

URAL MOUNTAINS—PALEOBOTANY, STRATIGRAPHIC

A deposit of the Early Cretaceous flora in the Central Urals. G. N. Papulov, N. IU. Bronnikova. Trudy Gor.-geol. inst. UFAN SSSR no. 61 95-100 '61.

URAL MOUNTAINS—PETROLOGY

The klippen of the Central Urals. M. A. Kamaletdinov. Dokl. AN SSSR 146 no. 5 1160-1163 O '62.

URAL MOUNTAINS—PLANTS—FROST RESISTANCE

Winter hardiness of fruit trees in the Southern Urals. V. S. Sannikov. Agrobiologiia no 3 397-400 My-Je '62.

URAL MOUNTAINS—STRIP MINING

Development of the open method of mining manganese ores in the Northern Urals M. V. Vasil'ev, V. M. Popov, V. M. Alenichev Izv. vys. ucheb. zav., gor. zhur. 5 no. 8:12-17 '62

URAL MOUNTAINS—TRACE ELEMENTS

Geochemical method for studying landforms and some characteristics of the migration of trace elements in the Ob'-Kumak watershed (Southern Urals) [with summary in English]. M. M. Ermolaev, N. S. Chochia, I. IA. Krym. Vest. LGU 17 no. 18:95-108 '62.

URAL MOUNTAINS—TITANOMAGNETITE

Composition of titanomagnetites in granitoids of the gabbro series of the Central Urals. N. D. Znamenskii, V. G. Feminykh. Dokl. AN SSSR 146 no. 3:686-688 S '62.

URAL MOUNTAINS—ULTRABASITES—NOMENCLATURE

Some problems of the nomenclature of ultrabasites in the Urals. I. A. Malakhov. Izv. AN SSSR Ser. geol. no 10:86-89 O '62.

URANINITE

Simultaneous and joint development of the separations of pichblende and associated minerals IU. M. Dymkov. Zap. Vses. min. ob-va 91 no. 3 299-306 '62.

URANIUM

Studying the rate of the in equilibrium reaction during the sorption of uranium VI by cathionites. E. I. Kazantsev. Izv. vys. ucheb. zav., tsvet. met. 5 no. 5:106-112 '62.

Uranium transfer in the formation of carbonate-pichblende deposits. S. I. Shchukin. Zap. Vses. min. ob-va 91 no. 3 253-259 '62.

URANIUM—ANALYSIS

Rtabchikov, D. I., and M. M. Senlavin. [Chromatographic determination of uranium in various materials] Khromatograficheskoe opredelenie urana v razlichnykh materialakh. Moskva, 1965. 16 p. (Doklady, predstavlennye SSSR na Mezhdunarodnuiu konferentsiiu po mirnomu ispol'zovaniiu atomnoi energii)

URANIUM—ISOTOPES

Fission of U^{238} nuclei by continuous spectrum photons with $E_{\gamma max}$ = 35 Mev. and by 14 Mev. neutrons. A. P. Komar, B. A. Bochagov, V. I. Fadeev. Dokl. AN SSSR 146 no. 5:1051-1053 O '62.

Polikanov, S. M., and others. [Formation of nuclei with anomalous periods of spontaneous fission in reactions with heavy ions] Obrazovanie iader s anomal'nym periodom spontannogo delenila v reaktsiiakh s tiazholymi ionami. Dubna, Ob"edinennyi in-t iadernykh issl., 1962. 6 p.

Probability of triple fission of U^{233} nuclei by resonance neutrons [with summary in English]. A. A Panov. Zhur. eksp. i teor. fiz. 43 no. 3:847-851 '62.

URANIUM ORES

Radiometric method of determining the uranium content of lumps of ore. O. A. Arkhipov, V. N. Filippova. Razved. i okh. nedr 28 no. 6:44-46 Je '62.

URANIUM OXIDE

Oxidation of uranium dioxide. V. G. Vlasov, A. F. Bessonov. Izv. vys. ucheb. zav.; tsvet. met. 5 no. 5:113-122 '62.

URANYL COMPOUNDS

Synthesis and study of compounds formed by uranyl salts with pyridine oxide derivatives. A. V. Nikolaev and others. Radiokhimiia 4 no. 3:298-304 '62.

URANYL NITRATE

Structure of $UO_2(NO_3)_2 \cdot 2NO_2$. V. M. Vdovenko, D. N. Suglobov, G. A. Romanov. Dokl. AN SSSR 146 no. 5: 1078-1080 O '62.

URDU LITERATURE—HISTORY AND LITERATURE

"The novel in Urdu Suhayl Buhari;" Reviewed by A. S. Sukhochev. Nar. Az. i Afr. no. 5:198-201 '62.

UREA—PHYSIOLOGICAL EFFECT

Effect of nitrosoethylurea producing 85% mutations in the sex chromosome. I. A. Rapoport. Dokl. AN SSSR 146 no. 6:1418-1421 O '62.

URETERS—HERNIA

Case of gigantic ureterocele. I. S. Fesenko. Zdrav. Bel. 8 no. 5:55-57 My '62.

URUGUAY—COMMUNIST PARTY

Militant vanguard of the Uruguayan people. N. Mostovets, V. Tikhmenov. Agitator no. 23:18-20 D '62.

URUGUAY—DESCRIPTION AND TRAVEL

Beyond the river of multicolored birds. K. Khachaturov. Vokrug sveta no. 9:27-31 S '62.

USHIN, ANDREI, 1927-

Engravings by Andrei Ushin. E. Kovtun. Iskusstvo 25 no. 8:20-24 '62.

USHINSKII, KONSTANTIN DMITRIEVICH, 1824-1870

Akademiia pedagogicheskikh nauk RSFSR, Moscow. Institut teorii i istorii pedagogiki. [Archives of K. D. Ushinskii] Arkhiv K. D. Ushinskogo. Moskva, Akad. pedagog. nauk RSFSR.

Vol. 4. [Early works of the first decade of K. D. Ushinskii's scientific-literary activities, 1846-1856] Rannie raboty pervogo desiatiletiia nauchno-literaturnoi deiatel'nosti K. D. Ushinskogo, 1846-1856 gg. 1962. 718 p.

UST'-DONETSK—HARBOR

Work and people of the Ust' Donetsk Harbor. IU. IAmshchikov. Rech. transp. 21 no. 10 22-23 O '62.

UST'-KAMENOGORSK—LEAD INDUSTRY

It is possible to work still better. V. Ganzha, IU. Il'iashenko. Nar. khoz. Kazakh. 20 no. 6:30-34 Je '62.

UST'-KAMENOGORSK—ZINC INDUSTRY

It is possible to work still better. V. Ganzha, IU. Il'iashenko. Nar. khoz. Kazakh. 20 no. 6 30-34 Je '62.

UST'-ORDA—FOREST INSECTS—BIOLOGICAL CONTROL

Effective method for controlling dangerous forest pests. I. I. Neudachin. Les. khoz. 15 no. 6:65 Je '62.

UST'-ORDA—LARCH—DISEASES AND PESTS

Vital activities of larch after the loss of needles devoured by the tent caterpillar Dendrolimus sibiricus Tschtv. M. A. Sharyi. Les. khoz. 15 no. 5:59-61 Je '62.

UST'-ORDA—TENT CATERPILLARS

Vital activities of larch after the loss of needles devoured by the tent caterpillar Dendrolimus sibiricus Tschtv. M. A. Sharyi. Les. khoz. 15 no. 6:59-61 Je '62.

UST-URT—CATS

New occurrences of cats in the Ust-Urt. M. N. Shilov. Biul. MOIP. Otd. biol. 67 no. 4 154-155 Jl-Ag '62.

UST-URT—PASTURE RESEARCH

Importance of geobotanical indicative studies for agricultural reclamation of the Ust-Urt. S. V. Viktorov. Biul. MOIP. Otd. geol. 37 no. 3:142 My-Je '62.

UTERUS

Dynamics of the neurovascular reactions according to colposcopy data in uterine hemorrhages of an inflammatory origin under the influence of Pyatigorsk radon waters. A. V. Emanuel'. Uch. zap. Pyat. gos. nauch.-issl. bal'n. inst. 3 365-374 '60.

Effect of vaginal radon irrigations on the vascular and muscular tonus of the uterus in cats. A. V. Emanuel'. Uch. zap. Pyat. gos. nauch.-issl. bal'n. inst. 3:334-352 '60.

UTERUS—HEMORRHAGE see Hemorrhage, Uterine

UTKIN, MAKSIM SEMENOVICH, 1884-1941

In memory of Maksim Semenovich Utkin. N. A. Cheremisinov. Nauch. dokl. vys. shkoly; biol. nauki no. 4:210-212 '62.

UZBEK LANGUAGE—DIALECTS see subdivision under Fergana

UZBEK LANGUAGE—WORDS

Ibragimov, S. [Professional vocabulary of the Uzbek language; from materials based on the Fergana dialects] Professional'naia leksika uzbekskogo iazyka; na materialakh ferganskikh govorov. Tashkent, Izd-vo Akad. nauk UzSSR, 1961. 103 p.

UZBEKISTAN—AGRICULTURAL ADMINISTRATION

Vital problems facing the party organizers of regional agricultural administrations. Komm. Uz. 34 no. 7: 3-13 Jl '62.

UZBEKISTAN—AGRICULTURAL CHEMISTRY

How the chemical workers of Uzbekistan lend their assistance to agriculture. Kh. Usmanov. Komm. Uz. 34 no. 7:34-41 Jl '62.

UZBEKISTAN—AGRICULTURE

Kozlov, V. I., Son Chin-hwa, and R. Iskhakov. [Striving for a diversified development of agriculture] V bor'bo za kompleksnoe razvitie khozlaistva. Tashkent, Gosizdat UzSSR, 1961. 23 p. (DNAL)

UZBEKISTAN—BIBLIOGRAPHY

Tashkent. Gosudarstvennaia publichnaia biblioteka. [Uzbekistan, 1959; a bibliography] Uzbekistan, 1959 g.; bibliograficheskii ukazatel' literatury. Tashkent, Gos. izd-vo Uzbekskoi SSR, 1961. 523 p.

UZBEKISTAN—BREAD

Makhmakov, G. M., A. I. Pogosiants, and S. N. Svinkin. [Uzbekistan flat bread; technology and bakery formulas] Uzbekskie lepeshki; tekhnologiia i retseptura. Tashkent, Izd-vo AN UzSSR 1961. 68 p.

UZBEKISTAN—COLLECTIVE FARMS

Dzhamalov, O. B., ed. [Preparations for the complete collectivization of agriculture in Uzbekistan, 1927-1929] Podgotovka uslovii sploshnoi kollektivizatsii sel'skogo khoziaistva Uzbekistana, 1927-1929 gg. Tashkent, Izd-vo Akad. nauk Uzbekskoi SSR, 1961. 473 p. (Istoriia kollektivizatsii sel'skogo khoziaistva SSSR; dokumenty i materialy) (CSt-H)

UZBEKISTAN—COLLECTIVE FARMS—INCOME DISTRIBUTION

Material self-interest is an important condition for the rapid development of agriculture S. Usmanov. Komm. Uz. 34 no. 7 26-33 Jl '62.

UZBEKISTAN—COMMUNIST PARTY OF THE SOVIET UNION

The Eighth Congress of the Communist Party of the Uzbekistan. Dzh. Akhunov. Komm. Uz. 34 no. 7: 68-76 Jl '62.

Shukurova, Kh. Sh. [Communist party of Uzbekistan in the struggle for the liberation of women; 1924-1929] Kommunisticheskaia partiia Uzbekistana v bor'be za raskreposhchenie zhenshchin, 1924-1929 gg. Tashkent, Gos. izd-vo Uzbekskoi SSR, 1961. 149 p. (CSt-H)

UZBEKISTAN—COMMUNIST PARTY OF THE SOVIET UNION—CONGRESSES

Kommunisticheskaia partiia Uzbekistana. 15 s"ezd. Tashkent, 1960. [Verbatim report of the 15th Congress of the Communist Party of Uzbekistan, Tashkent, 1960] Stenograficheskii otchet. Tashkent, Goslzdat Uzbekskoi SSR, 1961. 375 p. (MH) (MIU)

UZBEKISTAN—CONSTITUTION

Urmanova, R. K., and N. V Teikh [Constitution of the Uzbek S. S. R.; a textbook for the tenth grade] Konstitutsiia Uzbekskoi SSR; uchebnoe posobie dlia 10 klassa. Tashkent, Gos. izd-vo "Srednlala i vysshaia shkoln" UzSSR, 1961. 63 p.

UZBEKISTAN—COOPERATIVE SOCIETIES

Let us improve the work of consumers' cooperatives in Uzbekistan. I. Abdukarimov. Komm. Uz. 34 no. 7: 61-67 Jl '62.

UZBEKISTAN—CORN (MAIZE)

Methodology of calculating the beginning of the main phases in the development of corn under irrigation farming conditions in the Uzbek S. S. R. I. G. Sobinina. Shor. rab. TGO no. 1:121-132 '61

UZBEKISTAN—COTTON GROWING

Cotton is ripe. Uzbekiston 21 no. 9:5 S '62.

Mukhamedzhanov, M. V. [Crop rotation and subsoiling in cotton regions] Sovcoboroty i uglublenie pakhotnogo sloia pochvy v rainonakh khlopkovodstva. Tashkent, Izd-vo Akad. nauk Uzbekskoi SSR, 1962. 203 p. (DNAL)

Value the honor of the builders of communism! Uzbekiston 21 no. 9:2-3 S '62.

UZBEKISTAN—CRIME PREVENTION

Let's persistently struggle against crime and the violation of Soviet law. F. Titov. Komm. Uz. 34 no. 7:14-25 Jl '62.

UZBEKISTAN—CRIMINAL JUSTICE, ADMINISTRATION OF

Let's persistently struggle against crime and the violation of Soviet law. F. Titov. Komm. Uz. 34 no. 7 25 Jl '62.

UZBEKISTAN—DESCRIPTION AND TRAVEL

In Uzbekistan; travel notes. A. Guyou. Mol. mira 17-18 '62.

UZBEKISTAN—FISH CULTURE

Living excavator. B. Zimin. Uzbekiston 21 no. 9: S '62.

UZBEKISTAN—GAS, NATURAL

Make way for the blue fire. Zhil.-kom. khoz. 12 i 30 Mr '62.

UZBEKISTAN—GAS, NATURAL—GEOLOGY

Classification of structural elements in western and southern Uzbekistan as related to the accumulation types of gas and oil E. V. Lebzin. Uzb. geol. zhu 6 no 5:26-31 '62

Umarov, A. [Tectonics, and gas and oil potentials Bukhara-Karshi structures] Tektonika i gazonefte nost' iugo-vostoka Bukharo-Karshinskoi sistemy s tur. Tashkent, Izd-vo Akad. nauk UzSSR, 1962.

UZBEKISTAN—GEOLOGY, STRUCTURAL
Classification of structural elements in western and southern Uzbekistan as related to the accumulation types of gas and oil E V Lebzin Uzb geol zhur 6 no 5 26-31 '62

UZBEKISTAN—GRAVITY
Use of the methods of frequency analysis and synthesis in interpreting the gravity field in the Bukhara-Khiva area. I.S.Vol'vovskii, V.Z.Rlabol, V.I Shraibman. Prikl.geofiz. no.33 161-168 '62

UZBEKISTAN—MANUFACTURES
Let's value the trademark of Uzbekistan. Uzbekiston 21 no.9,10 S '62.

UZBEKISTAN—PEACH BREEDING
Cherevatenko, A. S. [Peach breeding in Uzbekistan; results of work over a period of 25 years] Selektsiia persika v Uzbekistane; itogi 25-letnei raboty. Tashkent, 1961. 122 p.
(DNAL)

UZBEKISTAN—PETROLEUM GEOLOGY
Classification of structural elements in western and southern Uzbekistan as related to the accumulation types of gas and oil E V Lebzin Uzb geol zhur 8 no 5 26-31 '62
Umarov, A. [Tectonics, and gas and oil potentials of the Bukhara-Karshi structures] Tektonika i gazoneftenosnost' iugo-vostoka Bukharo-Karshinskoi sistemy struktur. Tashkent, Izd-vo Akad. nauk UzSSR, 1962. 159 p.

UZBEKISTAN—PUMPING MACHINERY
Standardizing the operation of irrigation pumps having small capacity V. A Baranov, S. K. Pereverzev Vop gidr. no 5 80-95 '62
VP-8 pumps for use in boreholes S K. Pereverzev. Vop gidr. no 5 96-98 '62

UZBEKISTAN—RADIOBROADCASTING
An important measure. Sov.rad.i tel. 6 no.6:27 '57.

UZBEKISTAN—RADIO PROGRAMS
The Uzbek radio Sov.rad.i tel. 6 no.3 16 '57.

UZBEKISTAN—RUSSIAN LANGUAGE—STUDY AND TEACHING
Koblov, K. S., and E. F. Vaganov, comps. [Methodology of teaching the Russian language in Uzbek schools] Voprosy metodiki prepodavaniia russkogo iazyka v uzbekskol shkole, sbornik statei. Tashkent, Srednlaia i vysshaia shkola, 1961. 110 p.
Tashkent. Institut pedagogicheskikh nauk [Eight-year school programs for the 1961-1962 school year; the Russian language in Uzbek schools (grades 2-8), Russian literature in Uzbek schools (grades 5-8)] Programmy vos'miletnei shkoly na 1961/62 god: Russkii iazyk v uzbekskol shkole (2-8 klassy); russkaia literatura v uzbekskol shkole (5-8 klassy) Tashkent, Srednlaia i vysshaia shkola, 1961 69 p (Shkol'nye programmy)

UZBEKISTAN—SEISMOMETRY
Practice of using the frequency theory of grouping in the Uzbek Geophysical Trust. A.G.Rudakov, A.I.Kharitonov, I.S.Chichinin. Vop.din.teor.raspr.seism.voln no.4.220-230 '62.

UZBEKISTAN—SOIL MOISTURE
Features of the agricultural hydrology of the soil in the main cotton-growing areas of Uzbekistan. M M. Kotysheva, I.G Sabinina Sbor rab.TGO no.1:102-120 '61

UZBEKISTAN—TELEVISION BROADCASTING
An important measure. Sov.rad.i tel. 6 no.6:27 '57.

"Handbook on the use of vaccines and sera" by M. I. Sokolov and P. V. Pavlov. Reviewed by N. A. Kosarikhina Zhur. mikrobiol., epid. i immun 33 no. 4:142-143 Ap '62.
Immunogenesis and nonspecific factors of natural resistance. Report No. 1: Effect of active immunization on the amount of lysozyme in animal saliva [with summary in English]. D. F. Pletsityi and others. Zhur mikrobiol., epid. i immun. 33 no. 8:112-117 Ag '62.
Interrelation of the production of antibodies and γ globulins under normal conditions and under the influence of cortisone in rabbits exposed to successive immunization [with summary in English]. L. T. Pliai Zhur mikrobiol., epid. i immun. 33 no. 8:118-124 Ag '62
Materials on anaplasmosis acquired from vaccinations in cattle in the Glusk District of the White Russian S S R Kh S Goregliad and others. Trudy NIVI 1 72-89 '60
Ring serum test for brucellosis in cows inoculated with strain No. 19 vaccine. G. A. Kolomakin and others. Vest. sel'khoz. nauki [Kazakh.] 5 no. 8:64-69 Jl '62.
Study of the immunological effectiveness of complex immunization against gas gangrene, tetanus, and botulism in experiments on monkeys [with summary in English]. S. A. Zelevinskaia, T. I. Bulatova, I. A. Larina. Biul. eksp. biol i med. 53 no. 6:59-62 Je '62.
"Vaccine virus and problems in smallpox vaccination" by V. D. Solov'ev, IU. N. Mastiukova. Reviewed by A. T. Kravchenko. Zhur. mikrobiol., epid. i immun. 33 no. 8: 147-150 Ag '62.

VACCINE LYMPH
"Vaccine virus and problems in smallpox vaccination" by V. D. Solov'ev, IU. N. Mastiukova. Reviewed by A. T. Kravchenko. Zhur. mikrobiol., epid. i immun. 33 no. 8: 147-150 Ag '62.

VACCINES
Diagnostic significance of an intracutaneous administration of Margulis-Shubladze vaccine in virus infections of the nervous system. N. S. Molchanova. Uch. zap. Pyat. gos. nauch.-issl. bat'n. inst. 3:375-379 '60.
Immunological relationship of some Salmonella of the B group. B. A. Matvienko. Vest. sel'khoz. nauki [Kazakh.] 5 no. 8:57-61 Jl '62.
Index of immunogenicity as a method of evaluating vaccines against typhoid fever. N. F. Leont'eva. Zhur. mikrobiol., epid. i immun. 33 no. 8:128-129 Ag '62
Induced mutation of the hog cholera virus [in Armenian with summary in Russian] V. G. Airapetian, A. B Khachatrian. Izv. Glav upr. sel'khoz. nauk i podgot. kad. Arm SSR 5 no 5 70-89 '62.
Story of medicinal ampules. M. Khromchenko. Zdorov'e 8 no. 10:16-17 O '62.
Use of a dry acetone vaccine as a standard preparation for determining the immunogenicity of typhoid fever vaccines. N. F. Leont'eva. Zhur. mikrobiol., epid. i immun. 33 no. 8:129-130 Ag '62.

VACUUM APPARATUS
How to show the working principle of a vacuum bucket for extracting liquid aluminum from a vat. I. I. Belaev. Khim. v shkole 17 no. 4 60 Jl-Ag '62.

VACUUM CLEANERS
System for cleaning livestock. D. Tul'ian. Tekh. v sel'khoz. 22 no. 8:28-30 Ag '62.

VACUUM GAUGES
Semiconductor current stabilizers for thermocouple vacuum gauges. M. R. Taubes. Izm. tekh no. 10: 23-26 O '62.

VACUUM METALLURGY
Purification of commercial cadmium by vacuum distillation with use of a heating condenser. B. N. Aleksandrov, I. G. D'iakov. Fiz. met. i metalloved. 14 no. 4: 569-573 O '62.

VAGA, AUGUST, 1893-1960
August Vaga (March 15, 1893- December 11, 1960). H. Trass. Bot. zhur. 47 no. 8:1228-1231 Ag '62.

VAILLANT-COUTURIER, PAUL, 1892-1937
He is with us even today. Max Leon. Ogonek 40 no. 43:24 O '62.
Paul Vaillant-Couturier and Romain Rolland. F. Natkir'er. Ogonek 40 no. 42:16 O '62.
Smolensk. Gosudarstvennyi pedagogicheskii institut im. Karla Marksa. [English and French philology] Angliiskaia i frantsuzskaia filologiia; sbornik statei. Smolensk, 1961. 84 p.
(MH)

VALDIMIR—AUXILIARY POLICE
Noble duty. V. Svinkin. Sots. zakon. 39 no. 8:68 Ag '62.

VALERIC ACID
Unsaturated acids and macrocyclic lactones. Report No. 4: Diastereoisomeric 2, 3-dihydroxy-2-methylpentanoic acids and their cleavage to antipodes. L. D. Bergel'son and others. Izv AN SSSR, Otd. khim. nauk no. 9:1612-1617 S '62.

VALINE
Mutual transformation of isomers of platinum divaline. L. M. Volshtein, G. D. Zegzhda. Zhur. neorg. khim. 7 no. 10:2315-2319 O '62.

VALVES
Hydraulic valve V. I. Dmitriev. Mashinostroitel' no. 10 13 O '62.

VAN ALLEN RADIATION BELTS
Geographical distribution of auroras and earth's Van Allen belts S. I. Isaev Geomag. i aer. 2 no. 4 603-613 Jl-Ag '62.
Ring current, geomagnetic disturbances, and radiation belts I. A. Zhulin, I. V. Kovnievskii Geomag. i aer. 2 no. 5 1018-1020 S-O '62.

VANADIUM
Vanadium sorption from HF - HCl solutions by anion exchangers. V. S. Pakholkov, A. IA. Korbut. Izv. vyssh. ucheb. zaved., tsvet. met. 5 no. 5, 100-105 '62.
Vanadite, a new vanadium mineral I. A. Ankinovich Zap. Vses. min. ob-va 91 no. 3 307-311 '62.

VANADIUM CATALYSTS
Production of nitrogen from air by catalytic oxidation of ammonia with the aid of a vanadium catalyst V. G. Morozkin, V. S. IAkovlev, A. G. Sidorovich. Khim. khim. zhur 28 no. 5 645-648 '62.

VANADIUM-IRON ALLOYS see Iron-vanadium alloys

VANADIUM NITRIDE
Equilibrium of nitrogen and vanadium in gamma-iron L. G. Korolev, A. N. Morozov Izv. vys. ucheb. zav. i chern. met. 5 no. 9:38-42 '62.

VANADIUM STEEL
Rails with vanadium additives. IA. A. Didenko. Put' i put. khoz. 6 no. 6:31 '62

VANNIC LANGUAGE—VERB
Moshchaninov, I. I. [Grammatical system of the Urartu language] Grammaticheskii stroi urartskogo iazyka Moskva, Izd-vo Akad. nauk SSSR.
Pt. 2. [Structure of the verb] Struktura glagola. 1962. 85 p.

VAPOR PRESSURE
Determination of the vapor pressure of ruthenium tetroxide over its aqueous solution with the aid of radioactive indicators. R. L. Mishler, A. B. Nikol'skii Radiokhimiia 4 no. 3:364-370 '62.
Determining tin chloride vapor pressure at low temperatures V. I. Butanov, Ul. S. Shafrinskii. Trudy Vost. Sib. fil. AN SSSR no. 11:29-32 '62.
More precise values of vapor pressure of metallic yttrium. V. V. Karelin, An. N. Nesmeianov, Ul. A. Prisekov. Izv. AN SSSR. Otd. tekh. nauk. Met. i topl. no. 5 117-118 S-O '62.
Pressure of saturated vapors of liquid metals and their impurities investigated by the carrying gas method V. T. Burtsev, A. M Samarin. Zav. lab. 28 no. 10 1199-1203 '62.
Volatility of metallic indium. N. D. Khvostukhina, Ul. V Rumiantsev, I. K Skobeev. Trudy Vost Sib. fil. AN SSSR no. 41,67-71 '62

VAPORS
Diffusion of vapors in capillaries. N. N. Fedlukin Izv. vys. uch. zav.; fiz. 3:82-92 '62.

VARIABLE STARS see Stars, Variable

VARIATION (BIOLOGY)
Effect of the dosage and stage of gametogenesis on ethylenimine-induced mutations [with summary in English]. I. A. Rapoport. Biul. MOIP. Otd. biol. 67 no. 4:100-123 Jl-Ag '62.

VARICOCELE
Surgical treatment of varicocele. A. K. Palamarchuk, V. G. Soroka. Voen.-med. zhur. no. 8 79 S '61

VASNETSOV, APOLLINARII MIKHAILOVICH
Vasnetsov, A. M. Apollinarii Mikhailovich Vasnetsov. Moskva, Gos. izd-vo izobrazitel'nogo iskusstva, 1961. 1 v. (unpaged) chiefly illus.
(WU)

VASODILATORS
Treatment of patients with arteriosclerosis of the cerebral vessels with vasodilators and anticoagulants. V. N. Lavrov. Voen.-med. zhur. no. 8 71-72 S '61.

VASSIAN, Monk, 16th
"Vassian Patrikeev and his works" by N. A. Kazakova Reviewed by A. I. Kopanev. Ist. SSSR 6 no. 4:181-184 Jl-Ag '62.

VAVILOV, SERGEI IVANOVICH, 1891-1951
Akademiia nauk SSSR. Sergei Ivanovich Vavilov. Vstup. stat'ia V. L. Levshina. Bibliografiia sost. T. O. Vreden-Kobetskoi. Moskva, 1949. 111 p. (Materialy k biobibliografii uchenykh SSSR. Seriia fiziki, no. 3)
(CU)

VECTOR ANALYSIS
On the local homeomorphism of three-dimensional space effected by the solution of a certain elliptic system. V. I. Shevchenko. Dokl. AN SSSR 146 no. 5:1035-1038 O '62.

VECTORCARDIOGRAPHY
Vectorcardiogram in healthy children of three age groups (with summary in English). M. B. Kuberger. Pediatriia no. 8:66-73 '62.

VEGA CARPIO, LOPE FELIX DE, 1562-1635
Lope de Vega. N. Tomashevskii. Sov. Soiuz no. 11:47 '62.

VEGETABLE GARDENING
(see also subdivision under Chimkent Province; Donetsk Province, Kharkov Province)
Tairov, M.A. [Ways for increasing the yield and reducing the cost of vegetables and potatoes] Puti povysheniia urozhainosti i snizheniia sebestoimosti ovoshchei i kartofelia. [Leningrad] Lenizdat, 1961. 95 p.
(DNAL)

VEGETABLES
(see also subdivision under Khabarovsk)
You didn't forget about them? A. A. Pokrovskii. Zdorov'e 8 no. 10:11 O '62.

VEGETABLES—STORAGE
Olsinikov, F. G. [Storing and processing fruits and vegetables] Khranenie i pererabotka plodov i ovoshchei [Rostov-na-Donu] Rostovskoe knizhnoe izd-vo, 1961. 51 p.

VELIKIYE LUKI—PUBLIC PROSECUTORS
Our work with lay procecutors A. Kukarov Sots. zakon. 39 na. 11 69-71 N '62

VELIKIYE LUKI—RAILROADS—STATIONS
Each work must be completed A. Kochkurov. Agitator no. 22:58-60 N '62.

VENA CAVA—SURGERY
Disorders of cardiac activity in reconstructive and plastic operations on the upper vena cava. M. G. Strotkina, I. G. Kostenko. Grud. khir. no. 4:58-64 Jl-Ag '62.

VENDING MACHINES
Automatic machinery, parasites and workers. E. Temchin. Ogonek 40 no. 44 14 O '62.

VENOM—PHYSIOLOGICAL EFFECT
Clinical picture of poisoning following the bite of the karakurt. L. N. Ariaev, V. I. Pavlov, A. V. Gridnev Voen.-med. zhur no. 9 83 S '61.
Metallotherapy of poisoning by viper venoms. M. S. Chikun. Zdrav. Bel. 8 no. 5:49-51 My '62.
Treatment of snake bites. A. T. Berdyeva. Priroda 51 no. 10:62 O '62.

VENTILATION
Leventin, L. I. [Automation of systems of artificial climate] Avtomatizatsiia sistem iskusstvennogo klimata. Moskva, Mashgiz, 1962. 156 p.

VENTILATION—COSTS
Boguslavskii, L. D. [Economics of heating and ventilation systems] Ekonomika sistem otopleniia i ventilatsii. Moskva, Izd-vo M-va kommun. khoz. RSFSR, 1962. 92 p.

VENTSPILS—ADULT EDUCATION
Theoretical knowledge should be put to practical use. I. Durandin. Agitator no. 23:46-48 D '62.

VENTSPILS—NEWSPAPER AND PERIODICAL CIRCULATION
Lively account of progressive practices. K. Alin. Raspr. pech. no. 10:22 O '62.

VERDI, GIUSEPPE, 1813-1901
Verdi, Giuseppe. [La Traviata. Translated from the Italian] Traviata. Moskva, Muzgiz, 1962. 113 p. (Opernye libretto)

VERESHCHAGIN, VASILII VASIL'EVICH, 1842-1904
"I... wanted to paint the sun," A. Tikhomirov. Ogonek 40 no. 43:16 O '62.

VERKHOYANSK RANGE—FOLDS (GEOLOGY)
Formation of folding in the Verkhoyansk piedmont region. A. V. Leiptsig. Mat. po geol. i pol. iskop. IAk. ASSR no. 2:58-66 '60.

VERKHOYANSK RANGE—GEOLOGY, STRATIGRAPHIC
Stratigraphy of Mesozoic sediments in the western slope of the Verkhoyansk Range in the Sobopol-Kyundyudey interfluve. V. V. Panov. Mat. po geol. i pol. iskop. IAk. ASSR no. 2:67-73 '60.
Stratigraphy of Permian sediments in the Sagandzha-Baraayy interfluve of the western Verkhoyansk Range. M. I. Zirakadze. Mat. po geol. i pol. iskop. IAk. ASSR no. 2:74-80 '60.

VERKHOYANSK REGION—GEOLOGY, STRUCTURAL
"Verkhoyansk marginal trough and Mesozoic formations in northeastern Asia" by IU. M. Pushcharovskii. Reviewed by S. M. Til'man. Izv. AN SSSR Ser. geol. no. 10:104-105 O '62.

VERMICULITE
Russia (1923- U. S. S. R.) Ministerstvo geologii i okhrany nedr. [Perlite and vermiculite; geology, prospecting methods, and technology] Perlit i vermikulit; geologiia, metodika razvedki i tekhnologiia. Moskva, Gosgeoltekhizdat, 1962. 122 p.

VERMIFUGES see Anthelmintics

VERNADSKII, VLADIMIR IVANOVICH, 1863-1945
Gumilevskii, L. I. Vernadskii. Moskva, Molodaia gvardiia, 1961. 318 p. illus. (Zhizn' zamechatel'nykh liudei. Ser. biografii, no 11[325])
(MH)

VERNALIZATION
Thermal treatment of seeds and the vernalization of yellow fodder lupine. IU. K. Melikhova Fiziol. rast. 9 no. 5 629-631 '62
Vernalization stage in wild barley species V. D. Kobylianskii Agrobiologiia no. 3 449-449 My-Je '62.
Vernalization stage in winter wheat. V. T. Manziuk Agrobiologiia no. 3 371-376 My-Je '62

VERSAILLES, TREATY OF, JUNE 28, 1919 (GERMANY)
"The treaty of Versailles and the separatists of the Rhine Valley" by A. A. Galkin. Reviewed by I. S. Kremer. Nov. i noveish. ist. no. 5:152-153 '62.

VERTEBRAE—SURGERY
Conservative resection of the vertebral bodies in tuberculosis of the thoracic section of the spine. D. G. Kovalenko. Vest. khir. 89 no. 8-13-17 Ag '62.

VERTEBRAE, CERVICAL—DISLOCATION
Measured skeletal traction using the author's splint in dislocations and displacements of the cervical vertebrae. V. E. Bryk. Vest. khir. 89 no. 8 80-83 Ag '62.

VERTICALLY RISING AIRPLANES
Vertically rising airplanes. IUn. tekh. 7 no. 10:60-61 O '62.

VESPUCCI, AMERIGO, 1451-1512
Zweig, Stefan. [Amerigo, a comedy of errors in history. Translated from the German] Amerigo, povest' ob odnoi istoricheskoi oshibke. [Moskva, Geografgiz, 1960] 157 p. illus.
(MID)

VETERINARIANS see subdivision under Zapylov

VETERINARY HELMINTHOLOGY
Chemical composition of meat, liver, kidneys, and adipose tissue in sheep during fascioliasis and infestation with Muller's larvae [in Armenian with summary in Russian] M. L. Kentikian, A. S. Abakian. Izv. Otdv. upr. sel'khoz nauk i podgot. kad. Arm. SSR 5 no. 5 91-97 '62.
Helminthic fauna of the European hare (Lepus europaeus L.) and the blue hare (Lepus timidus L.) in White Russia. I. V. Merkusheva. Trudy NIVI 1:211-216 '60
Materials on the helminthic fauna of swine in the White Russian Polesye A. G. Bobkova Trudy NIVI 1:135-148 '60.
Study of the seasonal dynamics of dictyocaulosis of cattle and sheep in the White Russian Polesye A. F. Bobkova Trudy NIVI 1:149-159 '60.
Therapy of dictyocaulosis and muellerlosis of sheep using diethazine. IU. G. Egorov, I. G. Morozov. Trudy NIVI 1:174-176 '60.
Therapy of moniezlasis of calves using calcium arsenate. IU. G. Egorov, A. F. Bobkova Trudy NIVI 1:171-173 '60

VETERINARY MEDICINE
(see also subdivision under China)
Immunological relationship of some Salmonella of the B group. B. A. Matvienko. Vest. sel'khoz. nauki [Kazakh.] 5 no. 8:57-61 Jl '62.
Leptospirosis in swine and other animals in White Russia. A. T. Kofeinikov Trudy NIVI 1:69-71 '60.
Poisonings of agricultural animals from lupine and the prevention of these diseases. V. S. Khoteev. Trudy NIVI 1:254-259 '60.
Subcutaneous administration of heterogenic blood to animals following acute bloodletting. I. D. Gal'kevich Trudy NIVI 1:240-244 '60.

VETERINARY MEDICINE—BIBLIOGRAPHY see Bibliography—Veterinary medicine

VETERINARY MEDICINE—STUDY AND TEACHING
Deficiencies in higher education in veterinary medicine and measures for improving it. M. K. IUskovets and others. Trudy NIVI 1:330-336 '62.

VETERINARY OBSTETRICS
Sokolov, N. I., and A. M. Vainraub. [First aid in calving] Pervaia pomoshch' pri otelakh. Izd. 2., dop. i ispr. Leningrad, Sel'khozgiz, 1961. 60 p.

VETERINARY PARASITOLOGY
(see also subdivision under White Russia)
Experimental study of the toxicity of the saliva from black flies (family Simuliidae) on colts and lambs. G. F. Dem'ianchenko. Trudy NIVI 1:116-131 '60
Parasitological situation and the methods for its study. R. S. Chebotarev. Trudy NIVI 1:102-106 '60

VETERINARY PATHOLOGY
Changes in the cells of the bone marrow and peripheral blood in infectious anemia of horses. V. P. Ivanov. Trudy NIVI 1 50-59 '60.

VETERINARY PHYSIOLOGY
Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut zhivotnovodstva [Physiology of farm animals; collection of works on the physiological principles of feeding, keeping, and using farm animals] Fiziologiia sel'skokhoziaistvennykh zhivotnykh, sbornik rabot po fiziologicheskim osnovam kormleniia, soderzhaniia i ispol'zovaniia sel'skokhoziaistvennykh zhivotnykh. Pod red. A. D. Sheshchekova. Moskva, 1962. 373 p.
(DNAL)

VEZIROV, NADZHUF-BEK, 1854-1926
The play "From the frying pan into the fire" [in Azerbaijani with summary in Russian] K. Mamedov Izv. AN Azerb. SSR, Ser. obshchestv. nauk no. 6 49-60 '62

VIADUCTS see subdivision under London

VIBRATION
Analytical studies of the vibrations of the shell of breaking and drilling hammers. P. M. Alabuzhev, V. I. Kopytov. Izv. vys. ucheb. zav., gor. zhur. 5 no. 8 95-99 '62
Approximate integration of nonlinear differential equations of a vibrational movement with a single degree of freedom. V. I. Vetlokov. Izv. vys. ucheb. zav., mat. no. 4, 19-32 '62.
Fundamentals of the theory of natural vibrations due to metal cutting. M. E. El'iasberg. Stan. i instr. 33 no. 10:3-8 O '62.
Linearization according to the distribution function in problems of the theory of nonlinear vibrations. M. Z. Kozlovskii, A. A. Pervozvanskii. Izv. AN SSSR, Otd. tekh. nauk, Mekh. i mashinostr. no. 5:110-126 S-O '62.

VIBRATION SPECTRUM see Spectrum, Molecular

VIBRATORS
Operating systems of inertial vibrating machines with springs. V. S. Shevchenko. Stroi. i dor. mash. 7 no. 9: 29-30 S '62

VIENNA—ICE SHOWS
Viennese "Illusions." N. Chernova. Teatr 23 no. 10: 192 O '62.

VIETNAM, NORTH—TIME PREVENTION
In the land of friends (to be continued). IA. Simonov. Pozh. delo 8 no. 10:30-31 O '62.

VIETNAM, NORTH—JUSTICE, ADMINISTRATION OF
The development and consolidation of socialist legality in the Democratic Republic of Vietnam. V. Tesnel. Sots. zakon. 39 no. 8:51-57 Ag '62.

VIETNAM, NORTH—POLITICS AND GOVERNMENT
Dawn over Asia. Ho Chi Minh. Nov. vi om. 20 no. 45 6 N '62

VIETNAM, NORTH—RELATIONS (GENERAL) WITH RUSSIA
In the land of friends (to be continued). IA. Simonov. Pozh. delo 8 no. 10:30-31 O '62.

VIETNAM, NORTH—SALINE AND ALKALI SOILS
Origin of acid salinized soils. V. M. Fridland, Z. S. Karaeva. Pochvovedenie no. 7:77-81 Jl '62.

VIEWS see subdivision under Tallinn; Ukraine

VILLAGE COMMUNITIES see subdivision under India

VILLAGES
Future geography of the rural distribution of population. S. A. Kovalev. Vop. geog. no. 57:80-120 '62.

VILNIUS—LEATHER INDUSTRY
Three thousand shots into the target. N. Il'inskii. Mol. kommun. no. 10:99-100 O '62.

VILYUY VALLEY—GEOLOGY, STRATIGRAPHIC
Crystalline bedrock in the northern slope of the Aldan massif and Vilyuy synoclise based on deep drilling and geophysical data. G. V. Barkhatov. Mat. po geol. i pol. iskop. IAk. ASSR no. 2:23-34 '60.

VINNITSA—DORMITORIES
Work in student dormitories. A. A. Nechaiuk. Stud. spets. obr. 9 no. 9:50-51 S '62.

VINNITSA PROVINCE—ACCOUNTING
Improve accounting and control. V. Gurzhii. Bukhg. uchet 10 no. 6, 28-29 Je '62.

VINNITSA PROVINCE—COLLECTIVE FARMS—INCOME DISTRIBUTION
Production administration council discusses the problems of stockbreeding and wages. E. Kiots. Ekon. sel'khoz. 33 no. 8:35-37 Ag '62.

VINNITSA PROVINCE—RESTAURANTS, LUNCHROOMS, ETC.
Expand and improve food supply to the fields. V. Svistunov, S. TSyganov. Obshchestv. pit. no. 7:27-28 Jl '62.

VINNITSA PROVINCE—STOCK AND STOCKBREEDING
Production administration council discusses the problems of stockbreeding and wages. E. Kiots. Ekon. sel'khoz. 33 no. 8:35-37 Ag '62.

VINYL COMPOUNDS—SPECTRA

M ss spectrometric study of some vinyl and perfluoro-vinyl compounds. S.S.Dubov, F.N.Chelobov, R.N. Sterlin. Zhur.VKHO 7 no.5:585 '62.

VINYL COMPOUNDS POLYMERS

Fillers for polyvinyl chloride A. A Gorbunova, E P. Lazguno.a Sbor trud VNIINSM no 5 25-28 '61

Manufacturing polyvinyl chloride finishing and decorative films IA. A Gel'fman, N I Ivanova, I.V Shishkina Sbor trud VNIINSM no 5 3-24 '61

VINYL COMPOUNDS POLYMERS—THERMAL PROPERTIES

Thermal aging of a polyvinyl chloride plastic. V. M. Anikeenko and others Izv. vys. uch. zav., fiz. 3·149-152 '62

VINYLIDENE COMPOUNDS

Polymerization of vinylidene fluoride subjected to the action of gamma rays. E.V. Volkova and others. Zhur. VKhO 7 no.5 593-594 '62.

VIRGIN TERRITORY—AGRICULTURE—AUDITING AND INSPECTION

Organization of control and auditing work on the state and collective farms of the Virgin Territory. V I Vasil'ev Uchet i fin v kolkhoz i sovkhoz 19 no 10 48-50 O '62

VIRGIN TERRITORY—BOARDING SCHOOLS

Gossip IU. Skvortsov. Mol komm no 10 101-107 O '62

VIRGIN TERRITORY—GRAIN HANDLING

Grain processing in the grain-receiving stations of the Virgin Territory. S. P. Punkov. Izv. vys. ucheb. zav., pisch. tekh. no. 5 21-24 '62.

VIRGIN TERRITORY—GRAIN STORAGE

Some problems of the storage of grain crops. V.S. Nasonov. Vest. sel'khoz. nauki [Kazakh.] 5 no. 8 3-8 Jl '62.

VIRGIN TERRITORY—LEGUMES

Pulse crops in the Virgin Territory. V. P. Kuz'min. Vest. sel'khoz. nauki [Kazakh.] 5 no. 8·26-31 Jl '62.

VIRGIN TERRITORY—MACHINERY INDUSTRY

Information. Nar. khoz. Kazakh. 20 no. 6 95-96 Je '62.

VIRGIN TERRITORY—PEA BREEDING

Breeding early ripening pea varieties in the Virgin Territory. I M. IUdanov Agrobiologiia no 3 345-349 My-Je '62.

VIRGIN TERRITORY—RUSSIAN NEWSPAPERS

They teach our workers to be proud of their achievements. Part. zhizn' no. 22·67-70 N '62.

VIRGIN TERRITORY—SOIL CONSERVATION

Capacity of stubble to protect soils from wind erosion. A P. Bocharov Vest sel'khoz. nauki [Kazakh.] 5 no 10 45-55 O '62.

VIRGIN TERRITORY—STATE FARMS

They teach our workers to be proud of their achievements. Part. zhizn' no. 22·67-70 N '62.

VIROLOGY see subdivision under India

VIRUS DISEASES

Clinical aspects and etiology of acute serous meningitis. O. A. Khondkarian and others. Vest. AMN SSSR 17 no. 7 13-17 '62.

Diagnostic significance of an intracutaneous administration of Margulis-Shubladze vaccine in virus infections of the nervous system. N. S. Molchanova. Uch. zap. Pyat. gos. nauch. -issl. bal'n. inst. 3.375-379 '60.

Specific and nonspecific factors in antiviral immunity. P N Kostiakov Vest AMN SSSR 17 no. 5 13-24 '62.

VIRUSES

Mechanism of interaction of viruses with cells and immunity to viruses on the cellular level V M. Zhdanov. Vest. AMN SSSR 17 no 5·5-13 '62

"On the frontier of life" by V. Tovarnitskii. Reviewed by A. Krivitskii. Nauka i zhizn' 29 no. 9;86-87 S '62.

VISCOSITY

Classification of viscosity isotherms of binary systems with chemical interaction. IU. IA Fialkov. Ukr. khim zhur 28 no 5.543-550 '62

Effect of alumina on the viscosity of slags in the system calcium oxide - magnesium oxide - silica. I. I. Gul'tiai. Izv. AN SSSR. Otd. tekh. nauk. Met. i topl. no. 5;52-65 S-O '62.

Effect of magnesium and barium oxides on the viscosity of silicate melts. A. S. Panov and others. Izv. AN SSSR. Otd. tekh. nauk. Met. i topl. no. 5;37-42 S-O '62.

Viscosity and electrical conductivity of liquid silicon. V. M. Glazov. Izv. AN SSSR. Otd. tekh. nauk. Met. i topl. no. 5;110-116 S-O '62.

Viscosity of lime-alumina slags. A. G. Shalimov, V. G. Kuklev. Izv. AN SSSR. Otd. tekh. nauk. Met. i topl. no. 5.43-51 S-O '62.

VISES

Spring for a parallel vise. D Grigor'ev, I Merkulov. Shkola i proizv 6 no 10.45 O '62.

VISION

Disorder of depth vision in schizophrenia. A. G. Katkaeva Trudy Gos. nauch. -issl. inst. psikh. 27 101-107 '61

Image and the visual system. V. D. Glezer, L. L. TSukkerman. Priroda 51 no. 10;14-20 O '62.

Role of sight in the schooling behavior of Phoxinus phoxinus L. and Carassius carassius L. G.S. Maliukina, S. P. Aleksandriuk, M. Shtofanesku. Vop. ikht. 2 no. 3·511-516 '62.

"Spontaneous" rhythmical activity in the optic tract of a cat. V. P. Dulenko, E. N. Sokolov. Nauch. dokl. vys. shkoly, biol. nauki no. 4·79-83 '62

VISITORS, ITALIAN

My impressions. U. Cerroni. Sots. zakon. 30 no. 8; 83 Ag '62.

VITAMINS

Practices in the vitaminization of flour at the Yaroslavl Flour Mill. A Gakenberg Muk -elev prom 20 no. 9 10-11 S '62

Vitamin nutrition of swine. P. N. TSerulik. Vest. sel'khoz. nauki [Kazakh.] 5 no 10·61-64 O '62.

VITAMINS—A

Effect of diets containing different quantities of vitamin A and iodine on the state of the thyroid gland in rats [with summary in English]. N. B. Lutsiuk. Vop. pit. 21 no. 3 9-14 My-Je '62.

Use of vitamin A for increasing night vision in military personnel. G Sh Avin, IU P Pogonov. Voen. -med. zhur no 9 75-76 S '61.

VITAMINS-B_1 see Thiamine

VITAMINS-B_2 see Riboflavin

VITAMINS—B12 see Cyanocobalamine

VITAMINS-G see Riboflavin

VITAMINS—P

Vitamins P and C content in the fruits and vegetables grown in the region of Khabarovsk. A. S. Borozenets, T. S. Andrianova. Trudy Khab. med. inst. no. 20;224-230 '60.

VITEBSK—MACHINERY INDUSTRY

Difficult test N Sinrheeva Rab. i stud 30 no 10 3-4 O '62

VITEBSK—MILK—ANALYSIS AND EXAMINATION

Veterinary sanitary characteristics of the milk at collective farm markets in Vitebsk Kh S. Goreglind, O. I Koneva Trudy NIVI 1·296-300 '60.

VITEBSK DISTRICT—ATHEISM

An evening gathering of atheists in Babinichi. V. Viktorov. Blok agit. [Bel.] no. 4.30-31 F '60.

VITEBSK PROVINCE—POSTAL SERVICE

The close-knit family A Koren'ka. Belarus' 19 no. 10 29 O '62.

VITICULTURE see subdivision under Uzbekistan

VITICULTURE—CONGRESSES

Congress of viticulturers. A. Oparin. Sov. Soiuz no. 11; 48-49 '62.

VITICULTURE—COSTS see subdivision under Transcarpathia

VITICULTURE—RESEARCH

Primary studies of grape varieties in the plantations of variety collections. Trudy inst. plod. i vin. Kazakh. akad. sel'khoz. nauk 1 pt. 2;227-237 '61.

VLADIMIR PROVINCE—CONSTRUCTION INDUSTRY

Give construction on a contract basis a wide road P. Lipkin. Sel' stroi no. 9;14 S '62.

VLADIVOSTOK—HARBOR

In the Golden Horn Bay (Vladivostok Harbor during 40 years of Soviet government). E. Fisher. Mor. flot 22 no. 10 3-4 O '62.

VLADIVOSTOK—TELEVISION BROADCASTING

Television report. V. Tkachev, A. Vergun. Sov. rad. i tel. 6 no. 4;20 '57.

VOCATIONAL EDUCATION

(see also subdivision under Cuba; Lugansk Province)

Foreman as the soul of his group. G. Sigalov. Prof. -tekh. obr. 19 no. 9;24-25 S '62.

General technical instruction in production training. M. A. Zhidelev. Shkola i proizv. 6 no 10·3-6 O '62.

In the State Committee. Prof. -tekh. obr. 19 no. 9;4 S '62.

Let's give more attention to technology in the manual training of students. A. A. Poliakov. Shkola i proizv. 6 no. 10;9-12 O '62.

Russia (1917- R.S.F.S.R.) Ministerstvo prosvoshcheniia. [Programs of secondary schools with industrial training, fundamentals of production (for nonindustrial occupations)] Programmy srednei shkoly s proizvodstvennym obucheniem; osnovy proizvodstva (dlia neproizvodstvennykh professii). Moskva, Uchpedgiz, 1962. 22 p.

Russia (1917- R.S.F.S.R.) Ministerstvo prosvoshcheniia. [Programs of secondary schools with industrial training, general technical subjects] Programmy srednei shkoly s proizvodstvennym obucheniem, obshchetekhnicheskie predmety. Moskva, Uchpedgiz, 1962. 26 p.

Russia (1917- R.S.F.S.R.) Ministerstvo prosvoshcheniia. [Programs of secondary schools with industrial training, occupation of a grinder] Programmy srednei shkoly s proizvodstvennym obucheniem, professiia - shlifovshchik. Moskva, Uchpedgiz, 1963. 15 p.

Russia (1917- R.S.F.S.R.) Ministerstvo prosvoshcheniia. [Programs of secondary schools with industrial training; occupation of a milling machine operator] Programmy srednei shkoly s proizvodstvennym obucheniem, professiia - frezerovshchik. [Moskva] Uchpedgiz, 1962. 38 p.

Some premises of the present-day system of industrial training. F. Blinchevskii. Prof. -tekh. obr. 19 no. 9 7-11 S '62.

Technical conference in a school. A. S. Bogaenko, Shkola i proizv 6 no 10 70-72 O '62

VOCATIONAL GUIDANCE

Place in life. N. Levitov. Semia i shkola 17 no. 10 1 4 O '62.

VODOLAZOV, ALEKSEI DMITRIEVICH

Vodolazov, A. D. [It will be well done, uh!] Let' pervyi klass! Moskva, Voenizdat, 1962. 38p. (Otlichniki ucheby o svoem opyte)

VOLATILITY

Volatility of selenic and telluric silver. Trudy Vost. Sib. fil. AN SSSR no. 41 121-127 '62

VOLCANIC ASH, TUFF, ETC. see subdivision under Siberian Platform

VOLCANOES

(see also subdivision under Azores Islands region, Elbrus, Mount)

"Encounter with the devil" by Haroun Tazieff. Reviewed by V. I. Lebedinskii. Priroda 51 no. 10;122 O '62.

Ore-bearing volcanic vents and their spatial distribution. V. N Kotliar. Zap Vses min. ob-va 91 no 4;413 420 '62

Petrochemical characteristics of volcanoes in connection with various types of the earth's crust. G.S. Gorshkov. Biul. MOIP. Otd. geol. 37 no. 3;121 My-Je '62.

VOLCANOES—CONGRESSES

International Symposium on Volcanology. V. I. Vlodavets Vest. AN SSSR 32 no. 10;85-86 O '62.

VOLGA-AKHTUBA FLOOD PLAIN—RECLAMATION OF LAND

Akademiia nauk SSSR. Institut geografii. [Problems in the economic utilization of the Volga-Akhtuba Flood Plain and the Volga Delta] Problemy khoziaistvennogo osvoeniia Volgo-Akhtubinskoi poimy i del'ty Volgi. Moskva, Izd-vo Akad. nauk SSSR, 1962. 140 p.

VOLGA-BALTIC SEA WATERWAY

Volga-Baltic Sea Waterway. A. Katanikov. Agitator no. 23·38-40 D '62.

VOLGA DELTA—FISHES

Significance of coarse fish in the Volga Delta under various ecologic conditions. B. K. Evtiukhova-Bokatii. Vop. ikht. 2 no. 3;397-402' '62.

VOLGA DELTA—RECLAMATION OF LAND

Akademiia nauk SSSR. Institut geografii. [Problems in the economic utilization of the Volga-Akhtuba Flood Plain and the Volga Delta] Problemy khoziaistvennogo osvoeniia Volgo-Akhtubinskoi poimy i del'ty Volgi. Moskva, Izd-vo Akad. nauk SSSR, 1962. 146 p.

VOLGA DELTA—ROACH (FISH)

Detailed study of the descent of roach (Rutilus rutilus caspicus Jak.) fry from lagoons into the Volga Delta branches. A. N. Paiusova. Vop. ikht. 2 no. 3;467-472 '62.

VOLGA-URAL REGION—PETROLEUM GEOLOGY

Some data in favor of vertical migration of oil in Carboniferous and Permian sediments within the boundaries of the Volga-Ural oil-bearing region. V. F. Ronben. Izv. AN SSSR Ser. geol. no. 10;90-96 O '62.

VOLGA VALLEY—ABCISSION (BOTANY)

Time of leaf fall. N. V. Napalkov. Priroda 51 no. 10 127 O '62.

VOLGA VALLEY—HISTORY

A conference on the history of the building of socialism and communism in the autonomous republics of the central Volga Valley. A. M. Zaitalov, M. K. Mukhariamov Ist. SSSR 6 no. 4;221-224 Jl-Ag '62.

VOLGA VALLEY—MAMMALS

"Mammals of the Volga-Kama area; insectivores, chiropterans, rodents" by V. A. Popov. Reviewed by A. A. Nasimovich. Biul. MOIP. Otd. biol. 67 no. 4; 151-152 Jl-Ag '62.

VOLGA VALLEY—OIL FIELD BRINES—ANALYSIS
Using chlorine-bromine coefficient and bromine index for determining the hydrogeological impermeability of structures. A.S.Zinger. Sov.geol 5 no.10:100-103 O '62.

VOLGA VALLEY—WEATHER
A dry and warm October. R.Sh.Imanaeva. Priroda 51 no.10:127 O '62.

VOLGOGRAD—AUDITING AND INSPECTION
Help of an activist group A.Malikov Fin SSSR 23 no.10:76-77 O '62.

VOLGOGRAD—HAIRDRESSING
"Personnel training is the main problem." Zhil.-kom. khoz. 12 no.3:16 Mr '62

VOLGOGRAD—MACHINE-SHOP PRACTICE
Efficiency promoter. G.Zaikin. Mashinostroitel' no.10: 3 O '62.

VOLGOGRAD—RADIO PROGRAMS
On economic themes. M.Ivanov. Sov.rad.i tel. 6 no.4 9 '57.

VOLGOGRAD—TRACTOR INDUSTRY
Efficient utilization of intraplant transportation at the Volgograd Tractor Plant. V.M.Pronin. Mashinostroitel' no.10:34-36 O '62.

VOLGOGRAD PROVINCE—AFFORESTATION
Mechanization of soil cultivation in the rows of young plantations. A.P.Shadrin. Les.khoz. 15 no.6:77-79 Je '62.

VOLGOGRAD PROVINCE—FOREST MANAGEMENT
Work and plans of Volgograd foresters. Les.khoz. 15 no.6:95 Je '62.

VOLGOGRAD PROVINCE—FRUIT CULTURE
Age-induced changes in the salt resistance of fruit crops A.S.Deviatov Agrobiologiia no.3 383-386 My-Je '62

VOLGOGRAD PROVINCE—PINE
Experiments in planting pines in the Golubinskiy sands V.S.Gabal. Les.khoz. 15 no.8:57-58 Je '62

VOLGOGRAD PROVINCE—SOILS—PHOSPHOROUS CONTENT
Method for determining available phosphorous in carbonate-rich light-colored Chesnut soils in Volgograd Province. N.I.Zhmakina. Pochvovedenie no.7:107-109 Jl '62.

VOLGOGRAD PROVINCE—STOCK AND STOCKBREEDING
Stockbreeders master machinery. V.Alekseev. Komsom zhizn' no.12-11-14 Je '62

VOLLEYBALL
Finals of the volleyball epic. M.Aleksandrov, V.Karavaev. Ogonek 40 no.44:30-31 O '62.

There are records in volleyball! A.Galitskii. Sov. voin 44 no.20,43-44 O '62.

VOLOGDA PROVINCE—ACCOUNTING
Fundamental changes. A.Riabinin Bukhg.uchet 19 no.6:24-25 Je '62.

VOLOGDA PROVINCE—EDUCATION
Makarovskii, E.I., ed. [Development of culture in Vologda Province] Kul'turnoe stroitel'stvo v Vologodskoi oblasti; sbornik statei. Vologda, Obl. knizhnaia red., 1958. 157 p. illus. (MNC)

VOLOGDA PROVINCE—GEOGRAPHY
Geographical expedition in Vologda Province. N.M. Koviazin. Vest.LGU 17 no.18:143-146 '62.

VOLOGDA PROVINCE—INTELLECTUAL LIFE
Makarovskii, E.I., ed. [Development of culture in Vologda Province] Kul'turnoe stroitel'stvo v Vologodskoi oblasti, sbornik statei. Vologda, Obl. knizhnaia red., 1958. 157 p. illus. (MNC)

VOLOGDA PROVINCE—REFORESTATION
Preparing soils for forest plantations in the north. Iu.M.Alekseev. Les.khoz. 15 no.6:39-43 Je '62.

VOLTAGE REGULATORS
Continuous stability of stabilizers with silicon stabilitrons. M.I.Levin, S.D.Dodik. Izm.tekh. no.10:42-45 O '62.

Electric transformer with increased leakage inductance as a nonlinear element for a current regulator. A.A. Moderov. Izv.vys.ucheb.zav.;elektromekh. 5 no.6: 684-686 '62.

VOLTAIRE, FRANCOIS MARIE AROUET DE, 1694-1778
The great deed of the Ferney patriarch. Georgii Borin. Nauka i rel. no.5:56-59 My '62.

VOLTMETER
Measuring circuits of digital voltmeters with parallel voltage dividers. V.P.Kotel'nikov. Izm.tekh. no.10: 37-42 O '62.

VOLTMETER—TESTING
Measuring the input impedance of an a.c. tube voltmeter. V.V.Klanberg. Izm.tekh. no.10:49 O '62.

VOLYN' PROVINCE—COLLECTIVE FARMS—INTER-FARM COOPERATION
A strong building materials production base guarantees rhythmic construction. M.Bugaiov, O.Derkachova. Stil', bud. 12 no.10:16-17 O '62.

VORONEZH—CHEMICAL WORKERS
A united family. M.Shamshurin. Meat, prom.i khud. promys. 3 no.8:2-3 Ag '62.

VORONEZH—LANDSCAPE GARDENING
A twig on the asphalt. S.Milko. Zhil.-kom.khoz. 12 no.3:24 Mr '62.

VORONEZH—THEATER
Difficult road. N.Morozova. Teatr 23 no.10:113 O '62.

VORONEZH PRESERVE—FIELD MICE
Eastern limit of the distribution of the subterranean vole Microtus (Pitymys) subterraneus Sel.-Long. I.V.Zharkov. Biul.MOIP,Otd.biol. 67 no.5:128-129 S-O '62.

VORONEZH PROVINCE—COLLECTIVE FARMS—ACCOUNTING
How to close accounts on collective farms at the end of the year (to be concluded) M.Z.Pizengolts. Uchet i fin.v kolkhoz.i sovkhoz. 10 no.10:51-55 O '62.

VORONEZH PROVINCE—COLLECTIVE FARMS—INCOME DISTRIBUTION
Improving wages on collective farms. V.Zavgorodnii, Ekon.sel'khoz. 33 no.8:100-104 Ag '62.

VORONEZH PROVINCE—FISHES, FOSSIL
Fishes of the Central Devonian field. O.P.Obrucheva Biul.MOIP,Otd.geol. 37 no.3:129 My-Je '62.

VORONEZH PROVINCE—HEALTH RESORTS, WATERING-PLACES, ETC—
Organization of sanatorium and health resort service in Voronezh Province A.IA.Kurakov Sov.zdrav 21 no.10:8 '62

VORONEZH PROVINCE—PINE MOTH
Pine looper Bupalus piniarius L. (Lepidoptera, Geometridae) and its Entomophaga in the Savala Forest Tract, Voronezh Province (with summary in English). M.S.Malysheva. Ent.obozr. 41 no.3:532-544 '62.

VOROSHILOVGRAD see Lugansk

VOROSHILOVGRAD PROVINCE see Lugansk Province

VORTEX MOTION
Experimental studies of formations of vortexes during the flowing of cylindrical and rectangular vessels in canals and pipes. G.T.Shapoval Izv.vys.ucheb.zav., gor.zhur 5 no.8:112-118 '62

VOSKRESENSK—FERTILIZER INDUSTRY
Soil is waiting.... M.Angarskaia. Ogonek 40 no.26: 4-5 Je '62.

VOSKRESENSK DISTRICT—AGRICULTURE—TECHNOLOGICAL INNOVATIONS
Riazankin, K.G. [Organizers of the introduction of advanced work methods] Organizatory vnedrenila peredovogo opyta. [Moskva] Mosk.rabochii, 1962. 54 p.

VOSKRESENSK DISTRICT—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK
Riazankin, K.G. [Organizers of the introduction of advanced work methods] Organizatory vnedrenila peredovogo opyta. [Moskva] Mosk.rabochii, 1962. 54 p.

VOTIAKS see subdivision under Cheptsa Valley

VOYAGES AND TRAVELS
Dar, D.IA., and A.M.El'ianov. [There, around the curve, 30,000 kilometers on bicycles and motorcycles] Tam za povorotom; 30,000 km na velosipedakh i mototsiklakh. [Moskva] Molodaia gvardiia, 1962. 270 p.

VSKHODY DISTRICT—TRICHINA AND TRICHINOSIS
Group outbreak of trichinosis in one of the districts of Smolensk Province. I.G.Cherniak. Zhur.mikrobiol., epid.i immun. 33 no.4:122-123 Ap '62.

WAGE PAYMENT SYSTEMS
(see also subdivision under Hungary, Kirov Province)
Kuznetsov, V.A. [Wages under socialism and the improvement of its organization at the present-stage] Zarabotnaia plata pri sotsializme i sovershenstvovanie ee organizatsii na sovremennom etape. [Saratov] Izd-vo Saratovskogo univ., 1961. 71 p.

WAGES
Combining material and moral work incentives. Sots. trud 7 no.8:3-10 Ag '62.

Conferences on the work organization of auxiliary workers. Sots.trud 7 no.8:145-148 Ag '62.

From editors' mail. Sots.trud 7 no.10:132-133 O '62.

From the socialist to the communist distribution of material and cultural goods. V.Dokunin. Sots.trud 7 no.8:22-31 Ag '62.

Improve wage planning. N.Charykov, M.Urovskaia. Sots.trud 7 no.8:48-54 Ag '62.

In the State Committee for Labor and Wages of the Council of Ministers of the U.S.S.R. and the All-Union Central Council of Trade Unions. Sots.trud 7 no.8: 143-144 Ag '62.

Letters to the editor. Sots.trud 7 no.8:130-136 Ag '62.

Temporary substitution. V.Ancharov. Sots.trud 7 no.8:139-142 Ag '62.

Training and increase in the qualifications of workers and the new wage conditions. G.Kaganov, M.Liberman. Sots.trud 7 no.8:81-86 Ag '62.

Wages of students and instructors attending individual and brigade instruction courses in enterprises. V.Nikolaev. Sots.trud 7 no.8:137-139 Ag '62.

WAGES—BIBLIOGRAPHY see Bibliography—Wages

WAGES—COAL MINES AND MINING
Eliminate shortcomings in the wage organization for workers of mixed brigades in the coal industry. A.Dovbi, M.Tiurin. Sots.trud 7 no.10:73-80 O '62.

"Wages and work organization in mines" by I.N.Kamushkii; "Growth potentials of labor productivity" by Fr. Kutta. Book Review. Sots.trud 7 no.8:157-159 Ag '62.

WAGES—CONSTRUCTION INDUSTRY
Piecework wages in construction. N.Bystrova, V.Zolotorev. Sots.trud 7 no.10:68-72 O '62.

WAGES—FERTILIZER INDUSTRY
Bonus system in mineral fertilizer plants. V.Dol'nik, G.Vencheva. Sots.trud 7 no.8:100-108 Ag '62.

WAGES—LONGSHOREMEN
Regulating longshoremen's wages. V.Rozhkov, I.Prokin. Mor.flot 22 no.10:11-12 O '62.

WAGES—MACHINERY INDUSTRY
"Tables for computing wages for workers in enterprises of machinery manufacturing and metalworking industries" by V.M.Vinnichenko, D.I.Pavlov. Reviewed by M.Korbov, N.Tikova. Sots.trud 7 no.8:156-157 Ag '62.

WAGES—METALWORKERS
"Tables for computing wages for workers in enterprises of machinery manufacturing and metalworking industries" by V.M.Vinnichenko, D.I.Pavlov. Reviewed by M.Korbov, N.Tikova. Sots.trud 7 no.8:156-157 Ag '62.

WAGES—PROSPECTING
Consultation on wage problems. Ra.ved.i tekh.nedr 36 no.5:64 My '62.

WAGES—RETAIL TRADE see subdivision under Germany, East

WAGES—TEXTILE INDUSTRY see subdivision under Kalinin; Kalinin Economic region;

WALL NEWSPAPERS
Advice for the editors of wall newspapers. Blok.agit. [Bel.] no.24 10 Ag '62.

Kiushkin, A.S. [Commanding words] Zovushchee slovo. Moskva, Gospolitizdat, 1962. 63 p.

WALLS see subdivision under Arctic regions

WALNUT
Wood of walnut from the Middle Oligocene of the western Caucasus. V.G.Dalvorenskii. Paleont.zhur. no.2: 170-173 '62.

WALTZ
Meilikh, E.I. [Johann Strauss; from the history of the Viennese waltz] Iogann Shtraus; iz istorii venskogo val'sa. Leningrad, Muzgiz, 1962. 76 p.

WAR
The nature and special features of present-day wars. D.Palevich. Komm.Vooruzh.Sil 3 no.21:76-82 N '62.

Tlushkevich, S.A. [Necessity and chance in war] Neobkhodimost' i sluchainost' v voine. Moskva, Voenizdat, 1962. 134 p.

WAR AND RELIGION
"Thou shalt not kill." I.Meraulov. Rab.i otkl. 38 no.10:21 O '62.

WAR CRIMES see subdivision under Estonia

WARSAW—ECONOMIC CONDITIONS
Through Warsaw windows. Wieslaw Gorniecki. Nov. vrem. 38 no.45:25-26 N '62

WASTE HEAT
Using the heat of flue gases. I.Aronov, L.Khilinskaia, M.IAske. Zhil.-kom.khoz. 12 no.5:31 My '62.

WASTE PRODUCTS see subdivision under Leningrad Province

WATEN, JUDAH L.
"Shares in murder" by Judah L.Waten. Translated from the English. Reviewed by F.Kamenskii. Sov. iust no.20:27-28 O '62.

WATER

Gorskii, N. N. [Water, a wonder of nature] Voda--chudo prirody. Moskva, Izd-vo Akad. nauk SSSR, 1962 222 p.

WATER--AERATION

Aeration of water as a method of its deodoration. L. A. Kul'skii, M. A. Shevchenko. Ukr. khim. zhur. 28 no. 3: 401-403 '62.

WATER--ANALYSIS

(see also subdivision under Atlantic Ocean)

Akademiia nauk SSSR Gidrokhimicheskii institut, Novocherkassk. [Modern methods of analyzing natural waters] Sovremennye metody analiza prirodnykh vod Moskva, Izd-vo Akad. nauk SSSR, 1962 203 p.

WATER--COMPOSITION see subdivision under Baltic Sea, Denmark Strait, Greenland Sea; Kirghizistan, Norwegian Sea

WATER--LAWS AND LEGISLATION

Legal determination of the "bodies of water." S. A. Malinin. Inform. sbor. TSNIIMF no. 46 Mor. pravo i prak. no. 8: 13-19 '60.

WATER--MICROBIOLOGY

Effect of some water mosses on the survival of saprophytic bacteria and Escherichia coli. K. A. Kokin, T. Z. Timofeeva. Nauch. dokl. vys. shkoly; biol. nauki no. 4 164-167 '62.

Survival of coli bacilli in water at various temperatures and with minimal concentrations of nutritive substances [with summary in English]. M. G. Kichenko. Zhur. mikrobiol., epid. i immun. 33 no. 8: 25-29 Ag '62.

WATER--POLLUTION

Seepage control effects of petroleum by-products in soils with different physical and mechanical properties. A. I. Agaev. Trudy ENIN AN Azerb. SSR 15: 5-12 '62.

WATER--PURIFICATION

Effect of the various biomass of aquatic plants on the concentration of microquantities of cesium and strontium in tanks with slow circulation [with summary in English]. A. L. Agre, A. P. Raiko, N. V. Timofeev-Resovskii. Biul. MOIP. Otd. biol. 67 no. 5: 120-127 S-O '62.

Kul'skii, L. A. [Principles of the physicochemical methods of water treatment] Osnovy fiziko-khimicheskikh metodov obrabotki vody. Moskva, Izd-vo M-va kommun. khoz. RSFSR, 1962 219 p.

Kurgaev, E. F. [Principles of the theory and design of clarifiers] Osnovy teorii i rascheta osvetlitelei. Moskva, Gosstroiizdat, 1962, 163 p.

Resistance of river water humus to destructive oxidation. M. A. Shevchenko, G. B. Barashenkov, R. S. Kastianchuk. Ukr. khim. zhur. 28 no. 6: 732-737 '62.

WATER--SOFTENING

Hydraulic-membrane valve for converting chemical water purification filters to operation with automatic or remote control. P. I. Loshchilin. Energetik 10 no. 8: 6-8 Ag '62.

Salt water softening by natural freezing in agricultural production. S. IU. Geller. Izv. AN SSSR, Ser. geog. no. 5: 71-77 S-O '62.

WATER, UNDERGROUND

(see also subdivision under Africa, North; Asia; Caucasus, Far East, Fergana)

Determination of the amount of seepage feeding into underground waters over large areas. V. A. Grigorovich. Razved. i okh. nedr 28 no. 5: 42-46 My '62.

Shemshurin, V. A. [Methodological handbook on prospecting with radio waves in searching for underground waters in an arid zone] Metodicheskoe rukovodstvo po radiovolnovomu zondirovaniiu (RVZ) pri razvedke podzemnykh vod v aridnoi zone. Moskva, Gosgeolfekhizdat, 1962. 45 p.

[MICROFILM]

Use of micrologging to study water wells. A. M. Gorelik, I. P. Nesterenko, V. A. Riapolova. Razved. i okh. nedr 28 no. 6: 54-56 Je '62.

WATER, UNDERGROUND--ANALYSIS see subdivision under Altai Mountains; Irtysh Valley

WATER, UNDERGROUND--COMPOSITION see subdivision under Fergana; Kuramа Range; Mogol-Tau

WATER BIRDS--PARASITES see Parasites--Water birds

WATER METABOLISM

Water deficiency and changes in the water loss through the skin and lungs in some murine rodents. A. L. German. Biul. MOIP. Otd. biol. 67 no. 4: 137-139 Jl-Ag '62.

Water, protein and lipid metabolism in hypertension [with summary in English]. R. I. Mikunis, M. G. Sheverda. Vrach. delo no. 10: 35-40 O '62.

WATER METERS

Dynamic discharge indicator for gauges. V. E. Krasnov. Vop. gidr. no. 4: 51-55 '62.

Gauge attachment as a means of automatic calculation of discharges in irrigation canals. V. E. Krasnov. Vop. gidr. no. 4: 7-28 '62.

Gauges for irrigation canals with a discharge of 2 to 20 m^3/sec. M. V. Butyrin. Vop. gidr. no. 4: 36-50 '62.

Tube-type gauges with a contraction at the exit point, which produces resistance. V. E. Starkovskaia. Vop. gidr. no. 4: 29-35 '62.

WATER PIPES

Russia (1923- U.S.S.R.) Komitet po nadzoru za bezopasnym vedeniem rabot v promyshlennosti i gosudarstvennomu nadzoru. [Regulations for the installation and safe operation of piping for steam and hot water, mandatory for all ministries and departments] Pravila ustroistva i bezopasnoi eksploatatsii truboprovodov para i goriachei vody. Obiazatel'ny dlia vsekh ministerstv i vedomstv. Izd. 4. Moskva, Gosgortekhizdat, 1961. 39 p.

WATER PIPES--STANDARDS

Water and gas pipes. V. I. Fedorov. Standartizatsiia 26 no. 10: 52-53 O '62.

WATER RESOURCES DEVELOPMENT

(see also subdivision under Crimea; Karaganda Province; Kazakhstan; Pamirs, Soviet Central Asia)

Babushkin, V. D., I. S. Glazunov, and V. M. God'dberg. [Basic principles in the exploitation and estimation of reserves of large lenses of fresh water] Osnovnye printsipy eksploatatsii i otsenka zapasov krupnykh linz presnykh vod. Moskva, Gosgeoltekhizdat, 1962. 101 p.

WATER SPORTS see Aquatic sports

WATER SUPPLY

Development of the water resources of the U. S. S. R. and the tasks of science. V. V. Zvonkov. Vest. AN SSSR 32 no. 10: 55-58 O '62.

WATER SUPPLY, RURAL

Local water in deserts and agricultural development. V. N. Kunin. Izv. AN SSSR, Ser. geog. no. 5: 77-83 S-O '62.

WATER-SUPPLY ENGINEERING

Construction of reservoirs in the upper reaches of a watershed. F. Mikhailov. Sel' stroi. no. 9: 20-21 S '62.

In the Sanitary Engineering Research Institute. Biul. stroi. tekh. 19 no. 9: 41-42 S '62.

WATER TURBINES see Hydraulic turbines

WATER VAPOR

Bituminization of peat during heating in the presence of alkali and water under pressure. G. E. Fridman, I. M. Pereslent. Trudy IGI 17: 47-59 '62.

Coal carbonization during heating in the presence of water under pressure. G. E. Fridman and others. Trudy IGI 17: 76-87 '62.

Integral functions of the absorption of long-wave radiation in the atmosphere. Part 4. Absorption by water vapors and CO_2. V. E. Zuev. Izv. vys. uch. zav.; fiz. 3: 49-54 '62.

Thermal decomposition of oil shales in the presence of water under pressure. G. E. Fridman, I. M. Pereslent. Trudy IGI 17: 60-75 '62.

WATER VOLES AS CARRIERS OF DISEASE

Number and epidemiological significance of water rats in water reservoirs [with summary in English]. A. A. Potapov, L. P. Mosolov. Biul. MOIP. Otd. biol. 67 no. 4: 5-15 Jl-Ag '62.

WATERPROOFING

Using rubber of depreciated goods for the manufacture of waterproofed film materials. I. V. Provintsev, V. I. Vatazhina, V. Z. Lutsiuk. Shor. trud. VNIINSM no. 6: 65-74 '61.

WAVE GUIDES

Calculation of the field of a traveling TEM wave propagating along a periodic multiconductor line with round conductors. V. A. Sukhov, B. F. Ryzhenko. Radiotekh. i elektron. 7 no. 10: 1769-1770 O '62.

Concerning a certain method for calculating the field of a traveling TEM wave propagating along a periodic multiconductor line above a screen. V. A. Sukhov. Radiotekh. i elektron. 7 no. 10: 1780-1786 O '62.

Concerning V. B. Brodskii's article "Problems concerning wave propagation in wave guides containing a medium with variable permeability and specific inductive capacitance." V. B. Brodskii. Radiotekh. i elektron. 7 no. 10: 1845 O '62.

Diffraction at the open end of a sectorial horn. B. E. Kinber. Radiotekh. i elektron. 7 no. 10: 1748-1762 O '62.

Probability of the distortion of pulse-code modulation signals due to some nongaussian noises. R. F. Matveev. Radiotekh. i elektron. 7 no. 10: 1703-1710 O '62.

Some remarks concerning the calculation of losses in a H-type metal-dielectric wave guide. E. M. Gutsait. Radiotekh. i elektron. 7 no. 10: 1831-1834 O '62.

Study of some properties of a delay system consisting of a helical guide surrounding a plasma rod [with summary in English]. S. M. Levitskii, N. S. Baranchuk. Izv. vys. ucheb. zav.; radiofiz. 5 no. 5: 972-977 '62.

Theoretical determination of the parameters of a coaxial cable and wave guide coupling. IU. IA. IUrov, V. V. Rogozin. Izv. LETI 57 no. 39: 3-19 '59.

Transmission of energy in crossed wave guides using magnetized ferrite. A. L. Mikaelian, M. M. [illegible]. Radiotekh. i elektron. 7 no. 10: 1835-1838 O '62.

Using the coupled wave method for the design of diaphragm wave guides [with summary in English]. A. F. Olshanskii. Izv. vys. ucheb. zav.; radiofiz. 5 no. 5: 978-983 '62.

WAVES

(see also subdivision under Atlantic Ocean)

Reflection of waves by an arbitrarily moving inhomogeneity [with summary in English]. N. S. Stepanov. Izv. vys. ucheb. zav.; radiofiz. 5 no. 5: 900-910 '62.

Some characteristics of wave turbulence. N. V. [illegible] teeva. Vest. Mosk. un. Ser. 3: Fiz., astr. 17 no. 5: 35-41 S-O '62.

Wave damping in the lower lock approach channels. G. Onipchenko. Rech. transp. 21 no. 10: 12 O '62.

WEATHER

(see also subdivision under Volga Valley)

What has happened to summer? V. A. Bugaev. Ogonek 40 no. 44: 10-11 O '62.

WEAVERS--EDUCATION AND TRAINING

Russia (1917- R.S.F.S.R.) Ministerstvo prosveshcheniia. [Programs of secondary schools with industrial training; occupation of a weaver] Programmy srednei shkoly s proizvodstvennym obucheniem; professiia tkach. [Moskva] Uchpedgiz, 1962. 30 p.

WEAVING

Structure of single-layer fabrics. Ch. I. Sallvatev. Izv. vys. ucheb. zav.; tekh. tekst. prom. no. 4: 63-68 '62.

WEDGES

Thermal stresses in a rectangular wedge. I. N. Pan[illegible]. Izv. AN SSSR Otd. tekh. nauk. Mekh. i mashinostr. no. 5: 80-85 S-O '62.

WEED CONTROL

(see also subdivision under Alma-Ata Province)

Chemical methods of controlling weeds in pastures and meadows of Kirghizistan. A. G. Glokova. R. I. [illegible], Biol.-pochv. fak. Kir. un. no. 7: 91-119 '58.

Modern methods of the chemical control of weeds. V. F. Lobov, G. O. Effimov. Khim. prom. [Ukr.] no. 1: 49-51 Ja-Mr '62.

WEED CONTROL--CONGRESSES

International Conference on Weed Control. A. Vasse[illegible], G. Chesalin. Zemledelie 24 no. 9: 79-82 S '62.

WEED KILLERS see Herbicides

WEEDS

Is peat used as a fertilizer a source of weeds? [with summary in English]. M. V. Bentianinova-Kovalevskaia, T. A. Metel'kova. Vest. LGU 17 no. 18: 77-84 '62.

Materials on the biology of herbaceous plants of forest shelterbelt plantations in the Chu Valley. V. [illegible]. Uch. zap. Biol.-pochv. fak. Kir. un. no. 7: 131-230 '62.

WEEVILS

(see also subdivision under Soviet Central Asia)

New species of snout beetles Cleoninae (Coleoptera, Curculionidae) from the U. S. S. R. M. M. Fe[illegible]. Trudy Zool. Inst. 30: 258-269 '62.

WEIGHING MACHINES

Shchedrovitskii, S. S. [Equipment for the measurement of mass] Tekhnika izmerenila massy. Moskva, Standartgiz, 1961. 353 p.

WEIGHT LIFTING

Cosmic kilograms. IA. Kutsenko. Ogonek 40 no. 31: 24-26 Je '62.

Sharp rise. IAkiv Kutsenko. Ukraina no. 31: 28 N '61.

WEIGHTS AND MEASURES

Designating measurement units in technical literature. A. A. Kiselev. Standartizatsiia 26 no. 10: 61 O '62.

WEIL'S DISEASE

Clinical and therapeutic aspects of icterohemorrhagic leptospirosis (Vasil'ev-Weil's disease) [with summary in English]. E. E. Kormanova. Zhur. mikrobiol., epid. i immun. 33 no. 4: 58-63 Ap '62.

WELDING

(see also subdivision under Leningrad Economic region)

Dmitrovich, A. M., and others. [Technology of the hot working of metals] Tekhnologiia gorichei obrabotki metallov. [By] E. I. Bel'skii i dr. Minsk, Izd-vo M-va vysshego, srednego spetsial'nogo i professional'nogo obrazovaniia BSSR, 1962. 295 p.

For extensive knowledge in the fields of welding and soldering. P. A. Fedotov. Svar. proizv. no. 10: 43 O '62.

Lobitskii, V. G., and V. A. Tërnikov. [Introducing advanced welding methods] Vnedrenie peredovye metody svarki. [Kaluga] Kaluzhskoe knizhnoe izd-vo, 1962. 70 p.

Use of electric modeling on ohmic resistance grids for the investigation of heat distribution during welding and hard facing. L. A. Kozdoba, V. I. Makhnenko. Avtom. svar. 15 no. 11: 8-15 N '62.

Voshchanov, K. P. [Stories about welding] Rasskazy o svarke. Moskva, Mashgiz, 143 p.

WELDING—BIBLIOGRAPHY see Bibliography—Welding

WELDING—CONGRESSES
Third Siberian conference of welders V. F Tiurin Svar. proizv no 10:45-46 O '62

WELDING—EQUIPMENT AND SUPPLIES
Rotator for automatic welding of spherical tanks. I. E. Vasilukov. Mont. i spets. rab. v stroi. 24 no. 10, 20-21 O '62.
Universal assembly and welding devices M IU Pustyl'nik. Svar. proizv no. 10 23-25 O '62

WELDING—QUALITY CONTROL
Magnetographic method of quality control in pipe welding B G. Levin, L M Pigaleva Svar proizv. no 10 15-17 O '62.

WELDING—STUDY AND TEACHING
Students should be given knowledge on welding in schools of higher learning B. A Lyzlov. Svar. proizv no, 10 43-44 O '62.

WELDING—TESTING
Mechanical properties of welded joints in OT4-1 with BT5-1 titanium alloys I F Kobyliatskii, V. D Peshekhonov. Svar. proizv. no 10 12-14 O '62

WELDING, GAS see Gas welding and cutting

WELLS
Construction of high-yield wells in fine sands. S. V. Komissorov. Razved. i okh. nedr 28 no. 5, 56-59 My '62.

WEST GERMANY see Germany, West

WEST IRIAN see New Guinea, West

WEST KAZAKHSTAN PROVINCE—SOLONETZ SOILS
Carbonate-rich Solonetz soils in the western part of the Sub-Ural Plateau [with summary in English]. N. I. Kotin. Pochvovedenie no. 7, 67-76 Jl '62.

WEST SIBERIAN PLAIN
Pseudomorphs of glacial wedges in Quaternary sediments of the extraglacial area in the West Siberian Plain. M. P. Nagorskii. Geol. i geofiz. no. 9:116-117 '62.

WEST SIBERIAN PLAIN—GEOLOGY, STRATIGRAPHIC
"Mesozoic and Tertiary sediments of the eastern margin of the West Siberian Plain and Yeniney Ridge" by K. V. Bogulopov. Reviewed by V. V. Bogatskii. Geol. i geofiz. no. 9, 108-107 '62.

WEST SIBERIAN PLAIN—SEISMOLOGY
Utilizing alternating waves in detailed studies of the relief of the crystalline basement [with summary in English]. G. N. Lebedeva, S. V. Potap'ev. Geol. i geofiz. no. 9, 83-99 '62.

WESTERN EUROPE see Europe, Western

WESTERN SIBERIA see Siberia, Western

WHALERS see subdivision under Antarctic regions

WHALING see subdivision under Antarctic regions

WHEAT
(see also subdivision under Akhuryanskiy District; Bashkiria, Ukraine)
Agrobiological science and wheat seed production. V. O. Gulkonian. Izv. AN Arm. SSR. Biol. nauki 15 no. 7:3-12 Jl '62.
Large grain crops on the "Gigant" State Farm. D. D. Angel'ev, O. P. Shakalov. Zemledelie 24 no. 9:10-12 S '62.
Resistance of winter rye and wheat to standing water [with summary in English]. I. A. Stefanovskii Fiziol. rast. 9 no. 5:589-594 '62.
Vernalization stage in winter wheat. V. T Manziuk Agrobiologiia no. 3:371-376 My-Je '62.

WHEAT—ANALYSIS AND CHEMISTRY
Improve the methods for determining the quantity and quality of gluten in wheat N. Godulianov. Muk.-elev. prom. 28 no. 9 7-8 S '62

WHEAT—DISEASES AND PESTS see subdivision under Armenia

WHEAT—FERTILIZERS AND MANURES see subdivision under Kursk Province

WHEAT—IRRIGATION see subdivision under Orenburg Province

WHEAT—VARIETIES
New varieties of winter wheat developed by controlled alteration of the nature of plants. V. N. Remeslo Agrobiologiia no. 3:324-334 My-Je '62.

WHEAT—WATER REQUIREMENTS see subdivision uder Kazakhstan

WHEAT BREEDING
(see also subdivision under Kirghizistan)
Russia (1923- U.S.S.R.) Ministerstvo sel'skogo khoziaistva. Upravlenie nauki, propagandy i vnedreniia peredovogo opyta. [Methods of breeding wheat for winter hardiness] Metody selektsii zimostoikikh pshenits; sbornik statei. Pod obshchei red. N. A. Maisuriana, P. E. Sudnova, I. N. Flagina. Moskva, Sel'khozizdat, 1962 p. 158 p.
(DNAL)

WHITE RUSSIA—ACCOUNTING
Our practice in introducing a standard method of production accounting R. Bukach. Bukhg. uchet 19 no. 9 40-43 S '62.

WHITE RUSSIA—AGRICULTURAL EDUCATION
Secondary agricultural education in the White Russian S. S. R. IU. Kozlovskii. Sred. spets. obr. 9 no. 9:11-14 S '62.

WHITE RUSSIA—AGRICULTURE
Achievements of the rural toilers of White Russia. Blok. agit. [Bel.] no. 1:33-36 F '60.
A skilled agronomist B Ustsinau Belarus' 19 no. 10 8-9 O '62

WHITE RUSSIA—AGRICULTURE—AUDITING AND INSPECTION
The accounting department of production administration in operation S. G. Ovsiannikov. Uchet i fin v kolkhoz i sovkhoz. 19 no 9:11-14 S '62

WHITE RUSSIA—AUDITING AND INSPECTION
Not only uncover but prevent shortcomings and violations as well. M Gorbachev. Fin. SSSR 23 no. 10 62-66 O '62.

WHITE RUSSIA—AUTUMN
October. A. Kurskou. Belarus' 19 no. 10 31 O '62
Our gay autumn. R. Ihnatsenka. Belarus' 19 no 10, 31 O '62

WHITE RUSSIA—BRUCELLOSIS IN CATTLE
Use of antibrucellosis vaccines from strains Nos. 19 and 68 in White Russia. G. A. Ob'iedkov, I. V. Vasil'chenko. Trudy NIVI 1 19-23 '60

WHITE RUSSIA—BUILDING—TECHNOLOGICAL INNOVATIONS
White Russia Ministerstvo stroitel'stva. [Efficiency suggestions from construction workers of White Russia] Ratsionalizatorskie predlozheniia stroitelei Belorussii. Minsk, Gos izd-vo BSSR, 1961. 151 p.

WHITE RUSSIA—BUILDING MATERIALS INDUSTRY
The role of a supply center in improving the productive activity of construction organizations. V. Anufriev, N. Prikshaitis. Ekon. stroi. no. 9:14-20 S '62.

WHITE RUSSIA—CHEMICAL INDUSTRIES
Development of the chemical industry. E. Kasperovich. Blok. agit. [Bel.] no. 23:8-16 S '59.

WHITE RUSSIA—COMMUNICABLE DISEASES—PREVENTION
For the further reduction and elimination of infectious diseases in the White Russian S. S. R. A. V. Khovanskii. Zdrav. Bel. 8 no. 5:6-8 My '62.

WHITE RUSSIA—COMMUNIST PARTY OF THE SOVIET UNION
Sikorskii, V. M., ed. [Communist Party of White Russia in the struggle for the further development of the national economy of the republic in the postwar years] KPB v bor'be za dal'neishee razvitie narodnogo khoziaistva respubliki v poslevoennye gody. Minsk, Izd-vo M-va vysshego, srednego spetsial'nogo i professional'nogo obrazovaniia BSSR, 1961. 269 p.
(MH)

WHITE RUSSIA—COMMUNIST YOUTH LEAGUE
Kovsharov, N.D. [Communist Youth League in the reconstruction of the industry of the White Russian S. S. R., 1946-1960] Komsomol v vosstanovlenii promyshlennosti BSSR, 1946-1960 gg. Minsk, Izd-vo M-va vysshego, srednego spetsial'nogo i professional'nogo obrazovaniia BSSR, 1961. 71 p.
(MH)

WHITE RUSSIA—CONSTRUCTION INDUSTRY
For technological progress in the construction industry. M. Pavlov, A. Ivanov. Blok. agit. [Bel.] no. 25:1-7 S '59.
From supplying construction with material and equipment to supplying factory-made elements. L. Paperno. Ekon. stroi. no. 10:17-20 O '62.
The role of a supply center in improving the productive activity of construction organizations. V. Anufriev, N. Prikshaitis. Ekon. stroi. no. 9:14-20 S '62.

WHITE RUSSIA—CORN (MAIZE)
More silos for livestock. F. Levsha. Blok. agit. [Bel.] no. 24:39-42 Ag '59.

WHITE RUSSIA—CRIME PREVENTION
Struggle against the violators of law and order is a concern of the entire community. G Kazartsev. Blok. agit. [Bel.] no. 3:3-11 Ja '60.

WHITE RUSSIA—CRIMINAL JUSTICE, ADMINISTRATION OF
Struggle against the violators of law and order is a concern of the entire community. G. Kazartsev. Blok. agit. [Bel.] no. 3:3-11 Ja '60.

WHITE RUSSIA—ECONOMIC CONDITIONS
Glorious 20 years. A. Mateko. Blok. agit. [Bel.] no. 24:1-10 Ag '59.

Sikorskii, V. M., ed. [Communist Party of White Russia in the struggle for the further development of the national economy of the republic in the postwar years] KPB v bor'be za dal'neishee razvitie narodnogo khoziaistva respubliki v poslevoennye gody. Minsk, Izd-vo M-va vysshego, srednego spetsial'nogo i professional'nogo obrazovaniia BSSR, 1961. 269 p.
(MH)

WHITE RUSSIA—EFFICIENCY, INDUSTRIAL
Following the example of Valentina Gaganova. G. Nikolaev. Blok. agit. [Bel.] no. 25 8-13 S '59.

WHITE RUSSIA—FINANCE
Practice in promoting the participation of volunteers V Sokolov Fin SSSR 23 no. 10 74-76 O '62

WHITE RUSSIA—FURNITURE INDUSTRY AND TRADE
White Russian furniture M Bury Belarus' 19 no 10 7 O '62

WHITE RUSSIA—HEMP
Lashkevich, G. I. [Fertility of peat soils and hemp growing] Plodorodie torfianykh pochv i vozdelyvanie konopli. Minsk, Gos. izd-vo sel'khoz. lit-ry BSSR, 1962, 343 p.
(DNAL)

WHITE RUSSIA—HISTORICAL RESEARCH
In the Coordinating Committee of the Institute of History of the Academy of Sciences of the White Russian S. S. R. I. E. Marchenko. Ist. SSSR 6 no. 4:217-218 Jl-Ag '62.

WHITE RUSSIA—HORSEFLIES
Horseflies (Tabanidae) in the central zone of White Russia and the measures for controlling them. G. F. Dem'ianchenko. Trudy NIVI 1:110-115 '60.

WHITE RUSSIA—INDUSTRIES
Mikhailov, A. M. [Trade unions of White Russia in the struggle for the fulfillment of the fourth five-year plan in industry] Profsoiuzy Belorussii v bor'be za vypolnenie chetvertoi piatiletki v oblasti promyshlennosti. Minsk, Izd-vo M-va vysshego, srednego spets. i prof. obrazovaniia BSSR, 1961. 129 p.
(CSt-H)

WHITE RUSSIA—INDUSTRY
Kovsharov, N. D. [Communist Youth League in the reconstruction of the industry of the White Russian S. S. R., 1946-1960] Komsomol v vosstanovlenii promyshlennosti BSSR, 1946-1960 gg. Minsk, Izd-vo M-va vysshego, srednego spetsial'nogo i professional'nogo obrazovaniia BSSR, 1961. 71 p.
(MH)

WHITE RUSSIA—LEPTOSPIROSIS
Leptospirosis in swine and other animals in White Russia A. T. Kofeinikov. Trudy NIVI 1:69-71 '60.

WHITE RUSSIA—MILITARY EDUCATION
After the congress. M Vasilevskii. Voen. znan. 38 no. 10:9-10 O '62.

WHITE RUSSIA—MOTION PICTURES
The path of a writer's life. P. Rudnikau. Belarus' 19 no 10 12-13 O '62

WHITE RUSSIA—PAINTING
[White Russian painting] Belaruski zhyvapis. Minsk, Dziarzh. vyd-va BSSR, 1961. 19 p. 67 col. plates. [Parallel texts in White Russian, Russian, English, and French]
(MH)

WHITE RUSSIA—PARASITES—HARES
Helminthic fauna of the European hare (Lepus europaeus L.) and the blue hare (Lepus timidus L.) in White Russia I V. Merkusheva Trudy NIVI 1 211-216 '60.

WHITE RUSSIA—POWER ENGINEERING
"Development of Power Engineering in White Russia" by I. F. Voloshina. Reviewed by IA. IU. Slepian and N. A. Tiniakov. Izv. vys. ucheb. zav., energ. 5 no. 9: 130-131 S '62.

WHITE RUSSIA—PRESS
Pyzhikou, V. [White Russian press in the struggle for the carrying out of the historical decisions of the 21st Congress of CPSU] Druk Belarusi u barats'be za vykananne historychnykh rashenniau XXI z'ezda KPSS. Minsk, Dziarzh. vyd-va BSSR, 1960. 194 p.
(MH)

WHITE RUSSIA—RED CROSS
Third plenum of the Central Committee of the Red Cross Society of the White Russian S. S. R. Zdrav. Bel. 8 no. 5:69-70 My '62.

WHITE RUSSIA—RUSSIAN SOCIAL DEMOCRATIC PARTY
"Early history of Bolshevik organizations and the establishment of the Communist Party of White Russia" by E. Bugaev. Reviewed by K. Shabunia. Blok. agit. [Bel.] no. 26:42-3 of cover S '59.
Minsk. Institut istoryi partyi. Chronicle of the most important events in the history of the Communist Party of White Russia] Khronika vazhneishikh sobytii istorii Kommunisticheskoi partii Belorussii. Minsk, Gos. izd-vo BSSR, Red. sotsial'no-ekon. lit-ry.
Pt. 1. 1883-1913 gg. 1962. 456 p.

WHITE RUSSIA—SHOE INDUSTRY—ACCOUNTING
Simplifying accounting at wholesale depots. B. Gavrilov, M. Mazo. Bukhg. uchet 19 no. 9:54-58 S '62.

WHITE RUSSIA—THEATER

Niafiod, Uladzimir. [Present day White Russian theater; 1946-1959] Suchasny belaruski teatr, 1946-1959 Minsk, M-va vyshelshal, siaredniai spetsyial'nai i professiianal'nai adukatsyi BSSR, 1961. 329 p (CU)

What our theaters will show us this fall IA. Ramanovich Belarus' 19 no 10 22 O '62

WHITE RUSSIA—TRADE UNIONS

Mikhailov, A.M. [Trade unions of White Russia in the struggle for the fulfillment of the fourth five-year plan in industry] Profsoiuzy Belorussii v bor'be za vypolnenie chetvertoi piatiletki v oblasti promyshlennosti Minsk, Izd-vo M-va vysshego, srednego spets i prof. obrazovaniia BSSR, 1961 120 p.

White Russian trade unions after the February Revolution. V. Gnevko. Blok. agit. [Bel.] no. 26:31-34 S '59.

WHITE RUSSIA—TRANSPORTATION

Transportation in the White Russian S. S. R. E. Gutsev. Blok. agit. [Bel.] no. 26-17-23 S '59.

WHITE RUSSIA—VETERINARY PARASITOLOGY

Parasitological situation in the White Russian S. S. R. G. F. Dem'ianchenko, R. S. Chebotarev, M. N. Chunosov Trudy NIVI 1:204-210 '60

WHITE RUSSIA—WOMEN—EMPLOYMENT

The path of Romantic youth A. Astreika Rab. i sial 38 no. 10 12-13 O '62

WHITE RUSSIA—WOODPULP INDUSTRY

Make full use of industrial equipment. T. Meretskaia. Blok. agit. [Bel.] no. 24-11-19 Ag '59

WHITE RUSSIA—WOODWORKING INDUSTRIES

Make full use of industrial equipment. T. Meretskaia. Blok. agit. [Bel.] no. 24:11-19 Ag '59.

WHITE RUSSIAN—WORLD WAR, 1939-1945—UNDERGROUND MOVEMENTS

Participation of Soviet servicemen in the guerrilla movement in White Russia. P. Kalinin. Voen.-ist. zhur. 4 no. 10:41-55 O '62.

Romanov, A.V. [In unsubdued land; notes of a partisan] Na zemle nepokorennoi; zapiski partizana. Minsk, Gos. izd-vo BSSR, 1962. 295 p. illus. (MH)

WHITE RUSSIAN DRAMA—HISTORY AND CRITICISM

Into the storm Barys Burlian Belarus' 19 no. 10, 10-11 O '62.

WHITE RUSSIAN LANGUAGE—IDIOMS, CORRECTIONS, ERRORS

IAnkouski, Fiodor, comp. [White Russian proverbs, sayings, and idioms] Belaruskiia prykazki, prymauki, frazealagizmy. Vyd. 2., dap. Minsk, Vyd-vo Akad. navuk BSSR, 1962. 555 p.

WHITE RUSSIAN LANGUAGE—STYLE

IUrevich, Uladzimir. [The word and the image; studies on the language of literary works] Slova i vobraz; nazviranni nad movai mastatskaha tvora. Minsk, Dziarzh. vyd-va BSSR, 1961. 150 p.

WHITE RUSSIAN LITERATURE—HISTORY AND CRITICISM

Akademiia navuk BSSR, Minsk. Instytut literatury. [White Russian literature; studies and publications] Belaruskaia literatura; dasledavanni i publikatsyi. Minsk, Vyd-va Akad. navuk Belaruskai SSR, 1958-1961. 4 v. (NN)

WHITE RUSSIAN POETRY—HISTORY AND CRITICISM

"Voice of the heart, verse." Reviewed by A. Makarevich. Belarus' 19 no 10:20 O '62.

WHITE RUSSIAN PROSE LITERATURE—HISTORY AND CRITICISM

Kuchar, Ales'. [Prose literature; article on literary criticism] Ab mastatskai proze; literaturna-krytychnyia artykuly. Minsk, Dziarzh. vyd-va BSSR, 1961. 346 p. (MH)

WHITE SEA—ALGAE

Study of the chemical composition of two species of red algae. G. P. Serenkov, I. V. Zlochevskaia. Nauch. dokl. vys. shkoly, biol. nauki no. 4 151-156 '62.

WHITE SEA—HERRING

Are there local schools of White Sea herring? K. A. Altukhov, S. G. Soin. Priroda 51 no. 10:118 O '62.

WHITE SEA—WHITEFISHES

Materials on the feeding habits of the White Sea whitefish, Coregonus lavaretus pidschian n. pidschianoides Praydin. L. A. Kuderskii, V. M. Erastova. Vop. ikht. 2 no. 3:508-510 '62.

WHITE SEA REGION—FLOUR MILLS

Tidal mills on the White Sea. V. V. Popov. Priroda 51 no. 10:119 O '62.

WHITE SEA REGION—TIDAL POWER

Tidal mills on the White Sea. V. V. Popov. Priroda 51 no. 10:119 O '62.

WHITEFISHES see subdivision under Noril'sk region; White Sea

WHOOPING COUGH

Akademiia meditsinskikh nauk SSSR, Moscow. [Problems of whooping cough] Problemy kokliusha. Pod red. V. D. Sobolevoi. Moskva, Medgiz, 1961. 133 p. (DNLM)

Protect your children against the whooping cough. V. Katliarenko. Rab. i sial 38 no 10 23 O '62.

WHOOPING COUGH—PREVENTIVE INOCULATION

Reactogenic and immunogenic properties of whooping cough vaccine during inhalation immunization [with summary in English]. S. N. Muromtsev and others Zhur. mikrobiol., epid. i immun. 33 no. 4:71-76 Ap '62.

WILD FLOWERS, PROTECTION OF see Plants, Protection of

WILDLIFE, CONSERVATION OF
(see also subdivision under Lithuania)

Conservation of nature in geodetic operations. V. K. Manuilenko. Geod. i kart. no. 9:66-68 S '62.

Lepikhin, A.V. [Sport hunting; handbook based on the practice of the Army Hunting Society] Sportivnoe okhotnich'e khoziaistvo; spravochnoe posobie iz opyta Voenno-okhotnich'ego obshchestva. Pod red. P. A. Manteifelia. Moskva, Voen. izd-vo, 1959. 143 p. (WU)

WILNO see Vilnius

WINCHES—STANDARDS

State standard for construction and assembly hoisting winches. Biul. stroi. tekh. 19 no. 9:21-22 S '62.

WIND POWER
(see also subdivision under Soviet Central Asia)

Expediency of using wind-driven water pumps. IA. Shefter. Ekon. sel'khoz. 33 no. 9:89-92 Ag '62.

WINDBREAKS, SHELTERBELTS, ETC.
(see also subdivision under Aral Sea region; Central Black Earth region, Chu Valley, Rostov Province, Tajikistan)

Valuable investigations in the current problems of soil science and shelterbelt afforestation. I. S. Matiuk. Pochvovedenie no. 7:114-115 Jl '62.

WINDING MACHINES

Semiautomatic stator-winding machine. V. K. Bogdanov. Mashinostroitel' no. 10:7 O '62.

WINDLASS see Winches

WINDOWS—STANDARDS

State standard for technical specifications for windows and doors. Biul. stroi. tekh. 19 no. 10-18-22 O '62.

WINDS

Unusual atmospheric phenomena. D. Mishutin Voiev. ateist no. 10:18-21 O '62.

WINE AND WINE MAKING—BY-PRODUCTS

Rudnev, N.M., and L.O.Nutov. [Processing of by-products in the wine-making industry] Pererabotka vtorichnogo syr'ia vinodel'cheskoi promyshlennosti. Moskva, Pishchepromizdat, 1962. 61 p (Biblioteka molodogo rabochego)

WINE AND WINE MAKING—MICROBIOLOGY see subdivision under Moldavia

WIRE

Method and some results of studying microscopic wire for electrotensiometric measurements. A. B. Renskii. Trudy TSNIISK no. 14 3-26 '62.

WIRE BROADCASTING

Development of multiple-program wire broadcasting. Radio no. 10:21 O '62.

Kantor, L. IA. [Multiple program broadcasting and wire broadcasting networks] Mnogoprogrammnoe veshchanie po radiotranslitatsionnoi seti. Moskva, Sviaz'izdat, 1962. 57 p. (Lektsii po tekhnike sviazi)

Remote control of wire broadcasting stations using the carrier frequency of shortwave FM transmitters. I. Pakhomov. Radio no. 10:27-28 O '62.

WIRE ROPE

Design of nontwisting cables. M. F. Glushko, V. F. Volokonskii. Izv. vys. ucheb. zav., gor. zhur. 5 no. 8:161-168 '62.

Determining the length limit of wire rope strings for mine hoisting. I. N. Pochepaev. Izv. vys. ucheb. zav.; tsvet. met. 5 no. 5:20-27 '62.

Geometric design of locked-coil construction wire ropes. G. I. Iozef. Stal' 22 no. 10:954-955 O '62.

WIRE-ROPE TRANSPORTATION see Cableways

WITTICHENITE see subdivision under Kazakhstan

WOLFRAMITE see subdivision under Transbaikalia

WOLVES

Wolf returned to its cage. V. Chaplina. Nauka i zhizn' 29 no. 6:94-95 Je '62.

WOMEN see subdivision under Kazakhstan

WOMEN—EMPLOYMENT see subdivision under Japan; White Russia

WOMEN—HEALTH AND HYGIENE

Mogilev, M.V. [Feminine hygiene] Gigiena zhenshchiny, izd. 2., dop. Blagoveshchensk, Amurskoe knizhnoe izd-vo, 1961. 175 p. (DNLM)

WOMEN—LEGAL STATUS, LAWS, ETC. see subdivision under Uzbekistan

WOMEN—RELIGIOUS LIFE see subdivision under Pochayev

WOMEN—RIGHTS OF WOMEN see subdivision under Guinea

WOMEN, UKRAINIAN

Ob'iednannia ukrains'kykh zhinok na emigratsii [Organization of Ukrainian women in foreign countries] Zapovidi ukrainki na chuzhyni. [Munich?] 1961. [4] p. (NNC)

WOMEN AS ATHLETES

What are they like, my friends? Tamara Press [et al.] 40 no. 22:23-25 My '62.

WOMEN IN MOHAMMEDANISM see subdivision under Dushanbe

WOOD—ANATOMY

Specificity of the effect of soil salinity on the structure of wood of the false acacia (Robinia pseudacacia L.). V. G. Nikolaevskii. Nauch. dokl. vys. shkoly; biol. nauki no. 4 113-117 '62.

WOOD—PRESERVATION

Akademiia kommunal'nogo khoziaistva. Leningradskii nauchno-issledovatel'skii institut. [Regulations for the protection of wood from decay and damage by wood destroying insects during major repairs of residential buildings] Pravila zashchity drevesiny ot gnieniia i povrezhdenia derevorazrushaiuschchimi nasekomymi pri kapital'nom remonte zhilykh domov. Moskva, Izd-vo M-va kommun. khoz. RSFSR, 1962. 51 p.

New antiseptic paste. V. M. Kombarov. Put' i put. khoz. 6 no. 8,38 '62.

WOOD, COMPRESSED

IAnov, V.V. [Antifriction composition materials based on small-particle wood waste] Antifriktionnye materialy na osnove drevesnykh otkhodov melkikh fraktsii. Leningrad, 1962. 22 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia: Derevoobrabatyvaiushchaia promyshlennost', no. 4)

Substitute for metal. A. Sidorenko. Rech. transp. 21 no. 10:32-35 O '62.

WOOD CARVING

"Forest" sculpture. N. Rozanov. Mest. prom. i khud. promys. 3 no. 8:40 Ag '62.

WOOD-USING INDUSTRIES

Sheinin, IA. G. [Machine processing of defective wood and wood wastes for containers and other lumber products] Mekhanicheskaia pererabotka drevesiny drevesnykh otkhodov na tarnuiu i prochuiu pilopродukтsiiu. Moskva, Goslesbumizdat, 1962. 164 p.

WOOD WASTE—BIBLIOGRAPHY see Bibliography—Wood waste

WOODPULP INDUSTRY
(see also subdivision under White Russia)

Uchastkina, Z.V., and G.B.Kasparov. [The economics, organization, and planning of the woodpulp and paper industries] Ekonomika, organizatsiia i planirovanie tsellulozno-bumazhnogo proizvodstva. Moskva, Goslesbumizdat, 1961. 236 p. (MH)

WOODPULP INDUSTRY—EQUIPMENT AND SUPPLIES

[Equipment and technology of the printing industry] Spets. zhur. Otd. vyp. 37: Obor. i tekh. poligr. proiz. [no. 21 of N '62.

WOODWORKING INDUSTRIES see subdivision under White Russia

WOODWORKING INDUSTRIES—COSTS

Chirkov, A.V. [Ways of reducing the production costs of furniture and other articles made of wood] Puti snizheniia sebestoimosti mebeli i drugikh izdelii iz drevesiny. Moskva, Goslesbumizdat, 1961. 115 p.

WOODWORKING INDUSTRIES—HYGIENIC ASPECTS

Maksimov, V. F., I. V. Namestnikov, and O. I. Skachkova. [Methods of inspecting working conditions in the enterprises of the woodpulp, paper, and woodworking industries] Metody kontrolia uslovii truda na predpriiatiiakh tsellulozno-bumazhnoi i derevoobrabatyvaiushchei promyshlennosti. Moskva, Goslesbumizdat, 1962. 214 p.

WOODY PLANTS—WATER REQUIREMENTS

Effect of microelements on the water balance in seedlings of some woody plants [with summary in English] I. V. Dobroserdova. Fiziol. rast. 9 no. 5:582-588 '62

OL
mation of hair in sheep during the postnatal period with summary in English]. E.P.Penfilova. Biul. MOIP. Otd.biol. 67 no.4:124-128 Jl-Ag '62.

itsepol'skii, A.S. [Karakul wool] Karakul'skaia ersst' Moskva, Zagotizdat, 1962. 31 p.

OLEN AND WORSTED MANUFACTURE
ee also subdivision under Moscow)

OLEN AND WORSTED SPINNING
ng the analysis of roving or yarn crosscuts as basis r assessing the mixing quality of the method for mix- g various fiber components. M.V Emmanuel', Izv. s. ucheb. zav. ,tekh.tekst.prom. no.4:42-47 '62

K
sthetics and work. I.L.Sosonkin. Izv.AN Turk.SSR. r.obshchestv.nauk no.5:16-34 '62.

sion of labor and the all-round development of the dividual [with summary in English, p.180]. Vop. los. 16 no.10:22-47 '62.

globe has been made for happiness. O Nikolaev. ol.komm. no 10 36-41 O '62

K CLOTHES
ms and procedure for issuing free work clothes. Kalinin. Sots.trud 7 no.10:143-147 O '62.

KS COUNCILS
a'lianinov, V.I. [Public participation in government] obshchestvennykh nachalakh. [Moskva] Profizdat, 62. 76 p. (Bibliotechka profsoiuznogo aktivista, . 16(42))

LD COUNCIL OF CHURCHES, 3d ASSEMBLY, NEW HLI, 1961
uments of the Third Assembly of the World Council Churches in New Dehli, November 18 to December 1961 Bi.st.vest no 3.6-9 '62.

LD POLITICS
anchuk, F.P., and IU.E.Vlas'evich. [Militarization of the national economy and intensification of the ntradictions of imperialism] Militarizatsiia ekonomiki i obostrenie protivorechii imperializma. Moskva, nizdat, 1962. 141 p

ov, E.A., and G.F.Kim. [Disintegration of the onial system of imperialism] Raspad kolonial'noi omy imperializma. Moskva, Vysshaia shkola, 2. 87 p.

f notes on international events. Nov.vrem. 20 45 32 N '62.

nicle of international events in 1961] Khronika ndunarodnykh sobytii 1961 god. Moskva, Izd-vo), 1962. 334 p.

"cold war" reserve. George Morris. Mezhdunar. zn' 9 no.11:51-61 N '62.

ntegration of the British Empire and international ations. I.M.Lemin. Nov.i noveish.ist. no.4: 29 '62.

s of great achievements. A.V.Topchiev. Sov. iz no.11:14-15 '62.

e forefront of the struggle for peace, democracy, socialism. L.Tolkunov. Part.zhizn' no.21:23-31 62.

national commentary. Mezhdunar.zhizn' 9 no.11: -122 N '62.

national notes. Nov.vrem 20 no.45:22-24 N '62.

blic press review. Claude Martel. Mol.mira 6:19-24 '61.

ram of the CPSU and the progress of mankind. Timofeev. Mir.ekon.i mezhdunar.otn no.11: '62.

view of international events. G.Deinichenko. tator no.23:15-17 D '62.

th General Assembly of the World Federation of ntific Workers Vest.vys.shkoly 20 no.10:91-94 62.

to decide and act. F.Orekhov. Mezhdunar.zhizn' 9. 11:7-12 N '62.

J.S.S.R. and Bulgaria are together forever; a visit e representatives of the Soviet government and the y headed by the First Secretary of the Central mittee of the CPSU and Chairman of the Council of sters of the U.S.S.R. Comrade N.S.Khrushchev to People's Republic of Bulgaria, May 14-20, 1962] i Bolgariia-naveki vmeste, prebyvanie sovetskoi i pravitel'stvennoi delegatsii vo glave s Pervym ekretarem TSentral'nogo Komiteta Kommunisticheskoi i Sovetskogo Soiuza, Predsedatelem Soveta Ministrov SSSR tovarishchem N.S.Khrushchevym v arodnoi Respublike Bolgarii, 14-20 maia 1962 goda. ieva, Gospolitizdat, 1962. 149 p.

ious march of the October Revolution. Komm. izh.Sil 3 no.20:3-9 O '62.

Have them the right? K.Nepomniashchii. Ogonek 40, 44:2-3 O '62.

POLITICS—BIBLIOGRAPHY see Bibliography—
d politics

WORLD WAR, 1939-1945
(see also subdivision under Bryansk Province; Carpathian Mountains; Crimea, Croatia, Czechoslovakia, Dnieper River; Europe, Eastern; France; Greece, Hungary, Italy; Kabardino-Balkar A.S.S.R.; Kiev, Rumania)

Basic problems discussed in the third volume of the "History of the Great Patriotic War of the U.S.S.R." [with summary in English, p. 217] Vop.ist no.10: 3-20 O '62.

Construction workers of Mariupol and Rostov-on-Don in 1941 and 1942. Submitted by V.B.Tel'pukhovskii, A.N.Golubkova, F.I.Sharonov. Ist.arkh. 8 no.4 78-94 Jl-Ag '62.

"From Munich to Nuremberg" by A.I.Poltorak. Reviewed by L.Evgen'ev Voen.-ist.zhur. 4 no.10:101-105 O '62.

[Heroes of the guards] Geroi gvardii; sbornik. [Red A.N.Sarkisian] Erevan, Gos. izd-vo Armenii, 1961. 170 p.
(NNC)

"Sources of the victory of the Soviet people in the Great Patriotic War" by G.D.Komkov. Reviewed by E.Sulimov. Voen.-ist.zhur. 4 no.10:80-85 O '62.

WORLD WAR, 1939-1945—AERIAL OPERATIONS

Brave reconnaissance flier. S.Gubarev. Av.i kosm. 45 no.10,87-89 '62.

Fighter planes. A.Vorozheikin. Kryl.rod. 13 no.9: 28-30 S '62.

There were three of them. I.Dergunov. Kryl.rod. 13 no.10:11 O '62.

WORLD WAR, 1939-1945—ATROCITIES see subdivision under Mazeikiai District

WORLD WAR, 1939-1945—CAMPAIGNS

The Siauliai-Jelgava operation of the armies of the First Baltic Front. I.Bagramian. Voen.-ist.zhur. 4 no.10:3-23 O '62.

WORLD WAR, 1939-1945—CHILDREN

Work of the Committee for the Support of Polish Children in the U.S.S.R. Submitted by I.I.Belov, E.V. Korneeva. Ist.arkh. 8 no.4:57-77 Jl-Ag '62.

WORLD WAR, 1939-1945—COLLABORATIONISTS see subdivision under Ukraine

WORLD WAR, 1939-1945—ECONOMIC ASPECTS see subdivision under Turkmenistan

WORLD WAR, 1939-1945—NAVAL OPERATIONS

Last voyage of the torpedo boat "Bezurprechnyi." I.Azarov. Voen.-ist.zhur. 4 no.10:66-73 O '62.

Shchedrin, G.I. [We of the submarine fleet; stories of a submariner] My s podplava; rasskazy podvodnika. [Moskva, Voen. izd-vo M-va oborony SSSR] 1962. 47 p. (Bibliotechka zhurnala "Sovetskii voin," no.15(442))

WORLD WAR, 1939-1945—PERSONAL NARRATIVES
(see also subdivision under Poland)

Answer, Timofeii G.Shupik. Ogonek 40 no.25:6 Je '62.

Chelyabinsk. Oblastnoi kraevedcheskii muzei. Soldiers of a great land; collected reminiscences of soldiers from the Southern Urals who participated in the Great Patriotic War, 1941-1945] Soldaty velikoi zemli; sbornik vospominanii iuzhnoural'tsev, uchastnikov Velikoi Otechestvennoi voiny, 1941-1945 gg. [Cheliabinsk] Cheliabinskoe knizhnoe izd-vo, 1961. 93 p.
(MH)

Franz Hilpert's leaflet. M.Ozerov. Ogonek 40 no.44: 21 O '62.

Gudzenko, S.P. [Army notebook] Armeiskie zapisnye knizhki. Moskva, Sovetskii pisatel', 1962. 113 p.

Heroic deed of 33 servicemen. Voen.-ist.zhur. 4 no.10:78-89 O '62.

Khiren, Z.A. [Reporting from four wars] Reportazh s chetyreh voin. Moskva, Voenizdat, 1962. 206 p.

Lukinitskii, P.N. [On the shores of the Neva] Na beregakh Nevy. Moskva, Voenizdat, 1961. 262 p.
(MH)

Mother's love. N.Dobrin, O.Motornyi. Ukraina no.18: 21-23 S '62.

Pirogov, A.I. [This is impossible to forget; recollections of a former prisoner of war] Etogo zabyt' nel'zia, vospominaniia byvshego voennoplennogo. [Odessa, Odesskoe knizhnoe izd-vo, 1961] 237 p.
(MH)

Raftopullo, A.A. [With the fire of anger; from reminiscences of a tank officer] Ognem serdets; iz vospominanii ofitsera-tankista. Kiev, Molod', 1962. 141 p.

Romanov, A.V. [In unsubdued land; notes of a partisan] Na zemle nepokorennoi; zapiski partizana. Minsk, Gos. izd-vo BSSR, 1962. 295 p. illus.
(MH)

Tarnovych, Illian. [On the rivers of Babylon] Na rikakh vavylons'kykh. Toronto [Nakl. avtora] 1952. 95 p.
(InU)

WORLD WAR, 1939-1945—PRISONERS AND PRISONS

First violin. B.Sakharov. Ogonek 40 no.43:9 O '62.

Pirogov, A.I. [This is impossible to forget; recollections of a former prisoner of war] Etogo zabyt' nel'zia, vospominaniia byvshego voennoplennogo. [Odessa, Odesskoe knizhnoe izd-vo, 1961] 237 p.
(MH)

WORLD WAR, 1939-1945—PRISONERS AND PRISONS, ITALIAN see subdivision under Poland

WORLD WAR, 1939-1945—REGIMENTAL HISTORIES

Chuikov, V.I. [One-hundred and eighty days in combat; from the notes of the commander of the 62d Army] 180 dnei v ognе srazhenii, iz zapisok komandarma 62-i. [Moskva, DOSAAF, 1962] 166 p.
(CSt-H)

WORLD WAR, 1939-1945—UNDERGROUND see subdivision under Mogilev

WORLD WAR, 1939-1945—UNDERGROUND LITERATURE
(see also subdivision under Norway)

How Hitlerite generals characterized the influence of Soviet propaganda. N.I.Sobolev. Ist.arkh. 8 no.4: 222 Jl-Ag '62.

WORLD WAR, 1939-1945—UNDERGROUND MOVEMENTS
(see also subdivision under Poland, Ukraine)

An international conference on the history of the resistance movement. E.A.Boltin. Nov.i noveish.ist. no.4: 191-192 '62.

This was below Tarutino.... V.Pavlov. Ogonek 40 no.11:14-15 O '62.

Veselov, I.I. [Three years behind enemy lines; a partisan's notebook] Tri goda v tylu vraga; zapiski partizana. [Perm] Permskoe knizhnoe izd-vo, 1961. 174 p.
(CSt-H)

[What they did not mention in the reports; reminiscences by participants in the resistance movement] O chem ne govorilos' v svodkakh; vospominaniia uchastnikov dvizheniia Soprotivleniia, [sbornik. Sost.: Kulikov, I.N. i dr.] Moskva, Gospolitizdat, 1962. 454 p.
(MH)

"What was not in the communiqués." Reviewed by Lev Ginzburg Nov.vrem 20 no.15:30-31 N '62

"What wasn't disclosed in the communiques, reminiscences of the Resistance Movement." Reviewed by S.Ustinov. Komm.Vooruzh.Sil 3 no.20:89-92 O '62.

WORLDS, PLURALITY OF see Plurality of worlds

WORMS, INTESTINAL AND PARASITIC
(see also subdivision under Kazakhstan)

Control of helminthiasis V P Boiko Voen.-med.zhur. no.9 85 S '61

Surgical complications in helminthic invasions M A Surpina Voen.-med zhur. no 9 78 S '61

WOUNDS—TREATMENT

Some aspects of the role of the nervous system in the process of treating infected wounds with hexachloran [in Armenian with summary in Russian] A.S. Avakian. Izv.Glav.upr.sel'khoz nauk i podgot.kad Arm SSR 5 no.7 109-115 '62.

WRITING

"The development of writing" by V.A.Istrin. Reviewed by A.G.Spirkin. Vop.filos. 16 no.10 157-159 '62.

WUSTITE see subdivision under Altai Mountains

X-RAY CRYSTALLOGRAPHY

Nudel'man, S.L. [Use of the variable scale method for deciphering powder roentgenograms] Rasshifrovka poroshkovykh rentgenogramm metodom peremennogo masshtaba. Moskva, Gosgeoltekhizdat, 1962. 83 p.

Publication of the yearbook "Roentgenology of mineral raw materials." Zap.Vses.min ob-va 91 no 4:508 '62.

Role of E.S Fedorov in the prehistory of X-ray structural crystallography, 50th anniversary of the discovery of X-ray diffraction in crystals. N.V.Belov, I.I.Shafranovskii Zap.Vses. min.ob-va 91 no.4 485-471 '62

Study of the crystalline texture of silica contained in opals and opal-bearing rocks. V.A.Zabelin. Zap.Vses. min.ob-va 91 no.3,343-350 '62.

Temperature dependence of actual characteristic temperatures in lattices of the CsCl type. A.P. Zviagina. Fiz.met.i metalloved. 14 no.4:636-637 O '62.

X-RAY SPECTROSCOPY

Interatomic interaction in intermetallic compounds with transition metal aluminum, and transition metal silicon. S.A.Nemnonov and others. Fiz.met.i metalloved. 14 no.4:535-541 O '62.

Microwave X-ray spectroscopy of Fe-Al-C alloys. S.B.Maslenkov, B.V.Mololilov. Fiz.met.i metalloved. 14 no.4 633-635 O '62.

X RAYS—DIFFRACTION

Estimation of the error in the values of interatomic distances obtained by the radial distribution method. A.A.Babad-Zakhriapin, N.S.Gorbunov, V.I.Izvekov. Izv AN SSSR, Otd.khim.nauk no.9:1673-1674 S '62.

X RAYS — DIFFRACTION (Continued)
X-ray analysis of the kinetics of removing distortions in the crystal lattice of plastically deformed metals. G. A. [illegible]enko, V. I. Khotkevich. Fiz. met i metalloved. 14 no. 4 542-547 O '62
X-ray diffraction study of shot peening. IU. G. Mikasnikov *Trudy Sem. po kach. poverkh.* no. 5:256-259 '61.
X-ray diffraction study of the depth of a workhardened layer resulting from metal cutting V. T. Dudnikov Trudy Sem. po kach. poverkh. no 5:260-263 '61.

X-RAYS—EQUIPMENT AND SUPPLIES
High temperature vacuum *camera for reciprocal lattice* photographing. N. N Matiushenko, V V.Kunchenko, L F Verkhorobin Zav lab 28 no 10 1257-1259 '62

X RAYS—*INDUSTRIAL APPLICATIONS*
Use of X-ray and structural analysis for studying fat bases in pharmacy. R. S. Gershentsvit, E IU Fal'k. Trudy Len. khim.-farm. inst. no. 13:264-267 '61.

X RAYS—PHYSIOLOGICAL EFFECT
Average life span of rats irradiated at various stages of postnatal development [with summary in English]. V. V. Kholin. Biul. eksp. biol. i med. 53 no. 6 28-31 Je '62.
Effect of sublethal X-ray irradiation on the induction process caused by transitional epithelium in the connective tissue [with summary in English]. A. IA. Fridenshtein. Biul. eksp. biol. i med. 53 no. 6 80-84 Je '62.

XANTHOMONAS BETICOLA
Effect of the excretions of bacteria producing plant tumors on the root formation of grapevine cuttings. M. Kh. Chailakhian, R. M. Galach'ian, M. M. Sarkisova. Dokl. AN SSSR 146 no. 5:1227-1230 O '62.

XENON
Angular distribution of the decay products of Λ-hyperons produced by 2.8 Bev./c π-mesons on xenon nuclei [with summary in English]. I. A. Ivanovskaia and others. Zhur. eksp. i teor. fiz. 43 no. 3 765-774 '62.

XYLENE
Continuous method of production of terephthalic acid by the liquid phase oxidation of m-xylene L. G. Manukovskaia and others Neftekhimiia 2 no 4 531-535 Jl-Ag '62
Preparation of phthalic anhydride by the liquid phase oxidation of o-xylene A I Kamneva, L A Muzychenko, N G Digurov Neftekhimiia 2 no 4 524-530 Jl-Ag '62
Synthesis of vinylxylene based on xylene and acetaldehyde. A V. Bondarenko and others Neftekhimiia 2 no. 4 585-591 Jl-Ag '62

YAKUTIA—AGRICULTURE
Safronov, F. G. [Russian peasants in Yakutia, from the 17th to the beginning of 20th century] Russkie krest'iane v IAkutii, XVII - nachalo XX vv. IAkutsk, IAkutskoe knizhnoe izd-vo, 1961. 494 p. (MH)

YAKUTIA—DIAMONDS
Preliminary data on some characteristics of the distribution of Lias diamond-bearing sediments in western *Yakutia*. G. Kh. Fainshtein, M. M. Odintsova, O. K. Smirnova. Mat. po geol i pol. iskop. IAk. ASSR no. 2: 35-47 '60.
Some information on the effectiveness of using magnetic prospecting methods in searching for primary deposits of *diamonds*. D. I. Savrasov. Geol. i geofiz. no. 8:96-103 '62.

YAKUTIA—ECONOMIC CONDITIONS
Like fire. V. M Kucherov. Ogonek 40 no. 25:2-3 Je

YAKUTIA—RADIOBROADCASTING
Demands of the Yakut Radio. G. Tikhonov. Sov. rad. i tel. 6 no. 2 19 '57.

YALTA—STUDENTS ACTIVITIES
Electronic "brains" at the school blackboard. I. Neichenko. IUn. tekh. 7 no. 10:33-37 O '62.

YALTA REGION—TREES
Accretion of tree roots in forests of the Yalta Forest Working Circle. G. D. IAroslavtsev. Les. khoz. 15 no. 6:49-54 Je '62.

YAMAL-NENETS NATIONAL AREA—FISHES
Amount of ascorbic acid in some fish species of the Ob' Basin. N. N. Kuindzhi. Vop. pit. 21 no. 3:83-84 My-Je '62.

YARN
Debatable problems in the methods of calculating the tensile strength of products made with fibrous materials. I. I. Felman. Izv. vys. ucheb. zav. tekh. tekst. prom no. 4:26-31 '62.
Use of the carding spinning method for manufacturing yarn from a mixture of Egyptian "Menoufiieh" cotton and viscose spun rayon. I. M. Bekeneva. Nauch.-issl. *trudy IvNITI 25 15-29 '61.*

YARN—TESTING
Deformation and endurance of spun rayon yarn with various twist. A. K. Kiselev. Izv. vys. ucheb. zav. tekh. tekst. prom. no. 4:12-17 '62.
Determining the length of the sample cuts for checking rayon yarn number and evenness according to the number. F. Kh. Sadykova. Izv. vys. uchob. zav. tekh. tekst. prom. no. 4:32-38 '62.
Determining the stiffness characteristics of yarn in stretching. A. N. Solov'ev. Izv. vys. ucheb. zav. tekh. tekst. prom. no. 4:18-25 '62.
Use of electric analogies for studying the deformation of textile fibers. N. I. Naimark. Izv. vys. ucheb. zav. tekh. tekst. prom. no. 4:99-104 '62.

YAROSLAVL—DESCRIPTION
Khutorianskii, B. L. [Yaroslavl in the near future] IAroslavl' v blizhaishem budushchem. 2. izd. [IAroslavl'] IAroslavskoe knizhnoe izd-vo, 1959. 37 p.
(NNC)

YAROSLAVL—FLOUR MILLS
Practices in the vitaminization of flour at the Yaroslavl *Flour Mill*. A. Gakenberg Muk.-elev. prom 28 no. 9 10-11 S '62.

YAROSLAVL—PARACHUTING
Good friendship. P. Gorbunov. Kryl. rod. 13 no. 10:9 O '62.

YAROSLAVL PROVINCE—LABOR SUPPLY
Planned turnover. V. Staroverov. Mol. komm. no. 10: 77-82 O '62.

YAROSLAVL PROVINCE—POULTRY HOUSES AND EQUIPMENT
Poultry farms serving several collective farms. P Gnusin Sel' stroi. no. 9:10-11 S '62.

YEAST
(see also subdivision under Moldavia; Omsk)
Effect of the vitaminization of the yeast food medium on the quality of pure culture baker's *yeast*. V. P. Kozlovets. Khleb. i kond. prom. 6 no. 10.40-41 O '62.

YEAST AS FEED
Using hydrolysis forage yeasts in fattening weaned pigs. A. K. Roslikov, P. A. Glumov. Vest. sel'khoz. nauki [Kazakh.] 5 no. 8:42-46 Jl '62.

YENISEY RIDGE—GEOLOGY, *STRATIGRAPHIC*
"Mesozoic and Tertiary sediments of the eastern margin of the West Siberian Plain and *Yenisey Ridge*" by K. V. Bogolepov. Reviewed by V. V. Bogatskii. Geol. i geofiz. no. 9:106-107 '62.

YEREVAN see Erivan

YERGENI HILLS—FOREST MANAGEMENT
Improvement cuttings in oak stands planted in clusters on light-colored *Chesnut soils* in the southern Yergeni Hills. V. P. Tarasenko. Agrobiologiia no. 3:424-429 My-Je '62

YERGENI HILLS—OAK
Improvement cuttings in oak stands *planted in clusters on light*-colored Chesnut soils in the southern Yergeni Hills. V. P. Tarasenko. Agrobiologiia no. 3.424-429 My-Je '62.
Practices in planting oak in clusters in the *southern part of the* Yergeni Hills (Kalmyk A. S. S. R.). S. A. Kryvda. Agrobiologiia no. 3:412-418 My-Je '62.

YESSENTUKI—HEALTH RESORTS, WATERING-PLACES, ETC.
Change in the reactivity of *diabetes mellitus* patients to insulin under the influence of health resort treatment in Yessentuki. I. D. Frenkel'. Uch. zap. Pyat. *gos. nauch.-issl. bal'n. inst.* 3:185-190 '60.
Characteristics of sleep at night in patients with diseases of the digestive system during a pathogenetic resort treatment at Yessentuki. G. M. Krasnoshtan. Uch. zap. Pyat. gos. nauch.-issl. bal'n. inst. 3 [illegible]-144 '60.
Cutaneous neurovascular reactions in chronic cholecystitis and their changes under the influence of health resort treatment at Yessentuki. A. M. Bogatko. Uch. zap. Pyat. gos. nauch.-issl. bal'n. inst. 3 [illegible]-174 '60.
Effect of health resort therapy on the motor function of the gall bladder in chronic cholecystitis (X-ray and [illegible] [with summary in English]. N. M. Poltikov. [illegible] 26 no. 8:32-37 Ag '62.
Health resort treatment of severe forms of hepatitis and cirrhosis of the liver. A. S. Vishnevskii, L. S. [illegible]ashvili. Uch. zap. Pyat. gos. nauch.-issl. bal'n. inst. 3.117-131 '60.

YEYSK—COMMUNIST YOUTH LEAGUE
A gay unit. G Somov Mol komm. no [illegible]

YEYSK—COMMUNITY CENTERS
A gay unit. G Somov Mol komm. no [illegible]

YOSHIDA, SHIGERU, 1878-
An "atomonger" from Tokyo. P. Kiselev. Za rub. [illegible] no. 10:57 O '62.

YOSHKAR-OLA—THEATER
Under one roof. L. Sergeev. Teatr 23 no. 10 [illegible] O '62.

YOUNG COMMUNIST LEAGUE see Communist Youth *League*

YOUTH
(see also subdivision under Cuba; Germany, East; Greece; Herat, Afghanistan; Netherlands; United States)
Disarmament is required by the youth of the world! Mol. mira no. 6:1, 6 '61
Juvenile press review. Claude Martel. Mol. mira no. 8:19-24 '61.

YOUTH—CONGRESSES
"Current news" at the festival. A. Il'ina. Sov. rad. i tel. 6 no. 5:7 '57.
For the cause of peace. G. Anantas'ev. Sov. rad. i tel. 6 no. 5:6 '57.
Gratitude for a good job done. E. Novikov. Sov. rad. i tel. 6 no. 5.7 '57.
In the days of the festival.... S. Dmitrieva. Sov. rad. i tel. 6 no. 5:1-6 '57.
The main prize is friendship V. Smirnov. Komm. i zhizn' no. 12 28-30 Je '62
Music was a part of all the programs. A. Gribkova. Sov. rad. i tel. 6 no. 5:9 '57.
Our guests at the microphone. A. Golovonchenko. Sov. rad. i tel. 6 no. 5:8 '57.
Program of the festival. Mol. mira no. 4:5 '62
Radio studios for the festival. Sov. rad. i tel. 6 no. 5 10 '57.
Reception for radio and television commentators. Sov. rad. i tel. 6 no. 5:31 '57.
The sixth Assembly of the World Federation of Democratic Youth. Claude Gatignon. Mol. mira no. 4.1 [illegible] '62.
Television programs in Moscow. L. Dmitrovskii. Sov. rad. i tel. 6 no. 5:9 '57.
Youth will achieve peace on earth! Mol. mira no. 4 [illegible] '62.

YOUTH—SOCIETIES, ETC see subdivision under [illegible]

YTTRIALITE
Characteristics of yttrialite. E. G. Proshchenko Zap. Vses. min. ob-va 91 no. 3.260-270 '62

YTTRIUM
More precise values of vapor pressure of metallic yttrium. V. V. Karelin, An. N. Nesmeianov, Iu. A. Prisolkov. Izv. AN SSSR. Otd. tekh. nauk. Met. i top. no. 5:117-118 S-O '62.

YUGOSLAVIA—DESCRIPTION AND TRAVEL
Lights in the mountains. G. Ostroumov. Ogonek 40 no. 41:26-27 O '62.

YUGOSLAVIA—HYDROELECTRIC POWER STATIONS
Lights in the mountains. G. Ostroumov. Ogonek 40 no. 41:26-27 O '62.

YUGOSLAVIA—RELATIONS (GENERAL) WITH RUSSIA
Soviet-Yugoslav cooperation in radiobroadcasting and television. Sov. rad. i tel. 6 no. 5:32 '57.

YUGOSLAVIA—ZADRUGA
History of family communes in the Balkan Peninsula; family communes in Yugoslav historical studies. M. M Freidenberg. Viz. vrem. 21 198-209 '62.

YUNNAN PROVINCE—FRIT FLIES
Frit flies (Diptera, Chloropidae) in Yunnan and Kwangtung Provinces. E. F. Narchuk. Ent. obozr. 41 no. 3. 672-684 '62.

YUNNAN PROVINCE—LOCUSTS
Results of the Chinese-Soviet zoological and botanical expeditions to southwestern China in 1955-1957. New or less known long-horned grasshoppers (Orthoptera, Tettigonioidea) from Szechwan and Yunnan. B.IA. Bei-Bienko. Trudy Zool. inst. 30 110-138 '62.

YUNNAN PROVINCE—MEALY BUGS
Materials on the coccids of China. Report No. 11. New genera and species of mealy bugs of the family Pseudococcidae (Homoptera, Coccoidea), scientific results of the Chinese-Soviet expeditions of 1955-1957 to southwestern China. N.S.Borkhsenius. Trudy Zool. inst. 30:221-241 '62.

YUNNAN PROVINCE—MONGOLS
Contemporary situation of the Mongols in southern China. V.S.Starikov. Mat. po Otd. etn. Geog. ob-va SSSR no. 1: 36-38 '61.

YUNNAN PROVINCE—SCALE INSECTS
Materials on coccids (Homoptera, Coccoidea) of China. Report No. 10. N.S. Borkhsenius. Ent. obozr. 41 no. 3:583-595 '62.

YUNNAN PROVINCE—SERPENTS
One still unknown snake of the genus Calamaria from Yunnan, scientific results of the Chinese-Soviet expeditions of 1955-1957 to southwestern China. S.A. Chernov. Trudy Zool. inst. 30:382-384 '62.

YUNSHENG, CHINA—SILK MANUFACTURE AND TRADE
Love your work. Yang Feng-tsu. Sov. profsoiuzy 18 no. 20:37-38 O '62.

YUNSHENG, CHINA—TRADE UNIONS
Love your work. Yang Feng-tsu. Sov. profsoiuzy 18 no. 20:37-38 O '62.

ZADRUGA see subdivision under Yugoslavia

ZAGLADA, NADEZHDA GRIGOR'EVNA, 1893-
Woman with a great conscience. D. Prikordonnyi. Ogonek 40 no. 44:15-16 O '62.

ZAHLADA, NADIIA HRYHOROVNA
Consciousness. H. Kondratenko. Ukraina no. 21:2-3 N '62.

ZAHREBEL'NYI, PAVLO ARKHYPOVICH
"Heat", a novel by Pavlo Zahrebel'nyi. Reviewed by A. Ocheretnyi. Sov. Ukr. no. 9:176-177 S '62.

ZAIGRAYEVO DISTRICT—FOREST INFLUENCES
Effect of the grass and shrub cover and forest litter on the microclimate and soil in the forests of Transbaikalia. V.N Vipper. Trudy Inst lesa i drev 54 30-60 '62.

ZAIGRAYEVO DISTRICT—FOREST MANAGEMENT
Surface runoff and processes of soil erosion in the clearcut areas of pine and larch forests in the Buryat A. S. S. R. as exemplified by the Zaigrayevo Forest Working Circle. I. I. Khutortsov Trudy Inst. lesa i drev. 54:235-277 '62.

ZAIGRAYEVO DISTRICT—RHODODENDRON
Dahurian rhododendron in larch and pine forests of the southeastern part of the Buryat A S. S. R., ecological characteristics. V. N. Vipper. Trudy Inst. lesa i drev. 54:223-234 '62.

ZAILIYSKIY ALA-TAU see Trans-Ili Ala-Tau

ZAIMOV, VLADIMIR, 1888-1942
Popteviatkov, Gencho. General Vladimir Zaimov. Moskva, Voen. izd-vo, 1961. 218 p. illus. (Mil)

ZAKATALY PRESERVE—ZONITIDAE
New terrestrial mollusk of the genus Oxychilus Fitz. (Gastropoda, Zonitidae) from Transcaucasia. I.M. Likharev, A.Ridel'. Trudy Zool. inst. 30:14-16 '62.

ZANGEZUR RANGE—LEGUMINOSAE
Materials on the flora of Zangezur; Leguminosae. A.G. Elenevskii. Nauch. dokl. vys. shkoly; biol. nauki no. 4: 118-120 '62.

ZANZIBAR—POLITICS AND GOVERNMENT
How Zanzibar is struggling for its national liberation. L. Zarina. Mir. ekon. i mezhdunar. otn. no. 11:116-118 N '62.

ZAPOROZH'YE—CITY PLANNING
New residential district in Zaporozh'ye. B. Orekhov, IU. Bondar'. Stroi. i arkhit. 10 no. 9:11-12 S '62.

ZAPOROZH'YE—ELECTROMETALLURGY
At the A. N. Kuz'min "Dneprospetsstal'" Electrometallurgical Plant. V. P. Frantsov, E I Moshkevich, V. F. Smoliakov. Stal' 22 no 10.946 O '62.

ZAPOROZH'YE—STEEL INDUSTRY—FINANCE
There, where they make an effort to accumulate. V. Bragin. Fin. SSSR 23 no. 10:55-58 O '62

ZAPOROZH'YE PROVINCE—AGRICULTURAL ADMINISTRATION
On a new basis. P. Chervenko. Ekon. sel'khoz. 33 no. 8:30-34 Ag '62.

ZAPOROZH'YE PROVINCE—INDUSTRIAL MANAGEMENT
Help and support the workers on labor problems. V. Vil'chinskii. Sots. trud 7 no. 10:113-117 O '62.

ZAPOROZH'YE PROVINCE—LABOR AND LABORING CLASSES
Help and support the workers on labor problems. V. Vil'chinskii. Sots. trud 7 no. 10:113-117 O '62.

ZAPYTOV—VETERINARIANS
Precious word "Thanks!" Mykhailo Lytyshev. Ukraina no. 18:9 S '62.

ZAYSAN DISTRICT—PALEOBOTANY
New Upper Permian Comia from the Kenderlyk trough. M F Mikunov Paleont. zhur no 2 167-170 '62.

ZAYSAN LAKE REGION—PALEOBOTANY, STRATIGRAPHIC
Succession of floras in the Zaysan Depression from the end of the Upper Cretaceous to the end of the Miocene. I. A. Il'inskaia. Dokl. AN SSSR 146 no. 6:1408-1411 O '62.

ZEOLITES
Adsorption properties of synthetic zeolites-molecular sieves and their use in the advanced-stage dehydration of monomers N P. Shentak and others. Neftekhimiia 2 no 4 512-518 Jl-Ag '62
Akademiia nauk SSSR. Otdelenie khimicheskikh nauk. Komissiia po tseolitam. [Synthetic zeolites; preparation, investigation, and uses] Sinteticheskie tseolity; poluchenie, issledovanie i primenenie. Moskva, Izd-vo Akad. nauk SSSR, 1962. 286 p.

ZERAVSHAN VALLEY—ETHNOLOGY
Basic stages of the settlement of the agricultural population in the mountain regions of upper Zeravshan (Kukhistan). B. IA. Staviskii. Mat. po Otd. etn. Geog. ob-va SSSR no. 1:38-49 '61.

ZEYA RIVER—FISHES
Materials on the ichtyofauna of the Zeya River. M. V. Mina. Nauch. dokl. vys. shkoly, biol. nauki no. 4:33-37 '62.

ZEYA VALLEY—CRANE FLIES
Crane flies (Diptera, Tipulidae) of the Amur-Zeya interfluve and their distribution in different landforms [with summary in English]. G.A. Zinov'ev, E.N. Savchenko. Ent. obozr. 41 no. 3:554-571 '62.

ZHDANOV—PARKS
Park of culture and rest in Zhdanov. V. Shcherban', Stroi. i arkhit. 10 no. 9:18-19 S '62.

ZHELEZNOVODSK—DIET IN DISEASE
Diet regime based on data from a clinical sanatorium in Zheleznovodsk. IU. S. Vishnevskaia, A. T. Borisova. Uch. zap. Pyat. gos. nauch. -issl. bal'n. inst. 3:201-211 '60.

ZHELEZNOVODSK—HEALTH RESORTS, WATERING-PLACES, ETC.
Change in the protein fractions of the blood serum in chronic infectious hepatitis under the influence of compound treatment at Zheleznovodsk health resort. IU. S. Vishnevskaia. Uch. zap. Pyat. gos. nauch. -issl. bal'n. inst. 3:132-136 '60.

ZHITOMIR PROVINCE—INDUSTRIAL MANAGEMENT
"Planning" defects. P. Mokritskii. Meat. prom. i khud. promys. 3 no. 8:11 Ag '62.

ZHITOMIR PROVINCE—PINE
Effect of growth promoting substances and the crown closure of pine plantations. V. P. Golovashchenko. Les. khoz. 15 no. 6:31-32 Je '62.

ZIGMONTE, DAGNIJA
"Children and trees turn to light" by Dagnija Zigmonte. Reviewed by Ol'ga Grudtsova. Ogonek 40 no. 43:14-15 O '62.

ZINC—ANALYSIS
Fluorimetric determination of tra in semiconductor silicon and hig Nazarenko, S.IA, Vinkovetskaia, Ukr. khim. zhur. 28 no. 6:726-7

ZINC—ELECTRIC PROPERTIES
State of zinc in fused chlorides. Raspopin, A. F. TSarenko. Izv. met. 5 no. 5:89-92 '62.

ZINC—METALLURGY
Behavior of cadmium during the r centrates. Trudy Vost. Sib. fil. 113 '62.
Chemical reactions between sulfat and cadmium. V. P. Kochkin, D. Rumiantsev. Trudy Vost. Sib. fil 107 '62.
Tarabaev, S. I. [Hydrochloric acid metallurgy of lead and zinc] Solia v metallurgii svintsa i tsinka, Al Akad. nauk Kazakhskoi SSR, 1962

ZINC-ALUMINUM ALLOYS see Al

ZINC-ANTIMONY ALLOYS
Investigation of the symmetry of en and ZnSb. V. E. Khartsiev. Fiz. 991 Ap '62.

ZINC COMPOUNDS—ANALYSIS
Phase analysis of zinc and cadmium compounds. V. P. Kochkin, B. IA. Tratsevitskaia. Trudy Vost Sib. fil. AN SSSR no. 11,151-154 '62

ZINC INDUSTRY see subdivision under Ust'-Kamenogorsk

ZINC INDUSTRY—BY-PRODUCTS
Cobalt recovery from xanthate calcines in the zinc industry. T. Kh. TSerekov, R. M. Pokrilkin. TSvet. met. 35 no. 10:38-39 O '62.

ZINC-MAGNESIUM ALLOYS see Magnesium-zinc alloys

ZINC ORES
Cyanide substitutes in dressing certain Transbaikalia mixed lead and zinc ores. L. V. Kateshin. Trudy Vost. Sib. fil. AN SSSR no. 41,57-62 '62.

ZINC OXIDE—ELECTRIC PROPERTIES
Mechanism of increasing electroconductivity in zinc oxide under illumination. G.A. Korsunovskii. Fiz. tver. tela 4 no. 4:968-971 Ap '62.

ZIRABULAK MOUNTAINS—ROCKS, IGNEOUS
Vein formations in the Tymsk intrusive. F. A. Shamatov, A. N. Nematov Uzb. geol. zhur. 6 no. 5:55-64 '62

ZIRCON
Test results and method of using the "TSirkon" radiometer. G. S. Momdzhi, V. L. Kholina, V. K. Abulevich. Razved. i okh. nedr. 28 no. 5:17-23 My '62.

ZIRCONATES see subdivision under Siberia, Eastern

ZIRCONIUM
Extraction of zirconium and hafnium from a mixture of nitric and perchloric acids by tributyl phosphate. S. S. Korovin and others. Zhur. neorg. khim. 7 no. 10:2475-2477 O '62.

ZIRCONIUM-NIOBIUM ALLOYS—THERMAL PROPERTIES
Heat-resistance of zirconium-niobium alloys. V. D. Kleinovskii, V. K. Grigorovich. Izv. AN SSSR. Otd. tekh. nauk. Met. i topl. no. 5:135-136 S-O '62.

ZIRCONIUM OXIDE
Determination of the hafnium oxide content of a mixture of zirconium and hafnium oxides based on the measurement of the intensity of beta rays. R. S. Lauer, N. S Poluektov. Khim. prom. [Ukr.] no. 1:70-72 Ja-Mr '62.

ZLATOUST—METALLURGICAL RESEARCH
At the Zlatoust Metallurgical Plant. G. A. Khasin, V. N. Davidiuk. Stal' 22 no 10:938-946 O '62.

ZLYGOSTEV, IVAN IL'ICH
Named for a hero. N. Udalov. Sov. voin 44 no. 20:14-15 O '62.

ZOLOCHEV DISTRICT—COLLECTIVE FARMS—ACCOUNTING
Accounting for materials without ledgers. A. M. Clover. Uchet i fin. v kolkhoz. i sovkhoz. 19 no. 10 16-18 O '62.

ZONE MELTING
Improving the quality of steels and alloys for important welded structures. B. E. Paton, B. I. Medovar. Avtom. svar. 15 no. 11:1-7 N '62.

ZONING, ECONOMIC see Economic zoning

ZONITIDAE see subdivision under Zakataly Preserve

ZOOGEOGRAPHY see subdivision under Kirghizistan

ZOOLOGICAL GARDENS see subdivision under Kaunas; Moscow

Z

Monthly Index *of* Russian Accessions

Volume 15, No. 11 February 1963

THE LIBRARY OF CONGRESS
WASHINGTON : 1963

INTRODUCTORY NOTE

The MONTHLY INDEX OF RUSSIAN ACCESSIONS[1] is a record of the publications in the Russian language issued in and outside the Soviet Union that are currently received by the Library of Congress and a group of cooperating libraries. Whenever possible, publications printed in other languages spoken in the Soviet Union are also included.

The MONTHLY INDEX consists of three parts. Part A lists monographic literature, but no accessions published earlier than 1945 are included. To facilitate the use of this INDEX by readers who are not thoroughly familiar with the Russian language, the title in the original language in Part A is preceded by its English translation in brackets.

Part B lists Russian periodicals received, but excludes accessions printed earlier than 1947. Certain Soviet periodicals are being translated into English from cover to cover and published regularly in translation in the United States and other English-speaking countries. A list of such translated periodicals, their publishers, subscription prices, etc., is given at the end of each issue of the *Monthly Index*. In Part B such periodicals are indicated by an asterisk before the periodical title.

Part C provides subject analysis of the monographic titles listed in Part A and of the articles appearing in the periodicals enumerated in the *List of Periodicals Indexed and Abbreviations Used* at the beginning of Part C. The number and letter in parentheses following each abbreviation indicate the class and subclass in which the periodical appears in Part B. For the convenience of readers desiring to examine only monographs or periodical articles, the monographs are printed in slightly heavier type than the periodical articles. The titles of monographs are given both in the original language and in English translation, whereas titles of periodical articles are given in English translation only.

Sample title: Electric action of the brain in glaucoma. L.S.Levina, G.M.Neishtadt. Vest.oft. 30 no.5: 8-12 S-O '51.

Explanation: An article with title given above in English translation, written by L. S. Levina and G. M. Neishtadt, will be found in the September–October 1951 issue of *Vestnik oftalmologii*, vol. 30, no. 5, pages 8–12.

A cumulative list of periodicals included in the current volume appears in number 12 of that volume. This list is arranged by subject; the symbols of American libraries other than the Library of Congress, known to have files of such periodicals, follow each title.

Except in Part C, the material is divided into 17 subject classes and is arranged alphabetically within each class. In addition, for the convenience of the reader, the serials listed in Part B are divided within each subject class into several subclasses. All entries are transliterated according to the usual Library of Congress system except that ligatures are omitted. Unless otherwise indicated, all listed items are represented in the collections of the Library of Congress. Symbols representing other libraries indicate when items are available in those libraries. Curves ( ) around a symbol indicate that at the time of receipt the material was available in another library but not in the Library of Congress.

Cumulative author, subject, and periodical location indexes to the first four volumes of the MONTHLY INDEX are available as separate publications. Beginning with Volume 5, an author index to the monographs, and a periodical location index for the entire volume are furnished as appendices to the first two issues of the following volume.

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.50; to Volume 4, $0.60.

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[1] Title *Monthly List of Russian Accessions.*

AAP	Auburn University, Auburn, Ala.
AMAU	Air University Library, Maxwell Air Force Base, Montgomery, Ala.
AU	University of Alabama, University
AzU	University of Arizona, Tucson
C	California State Library, Sacramento
CCC	Honnold Library, Claremont, Calif.
CFS	Fresno State College, Fresno, Calif.
CL	Los Angeles Public Library
CLCM	Los Angeles County Museum Library, Los Angeles
CLL	Los Angeles County Law Library, Los Angeles
CLM	Los Angeles County Medical Association, Los Angeles
CLSU	University of Southern California, Los Angeles
CLU	University of California at Los Angeles
CMthL	University of California, Lick Observatory, Mount Hamilton
CPT	California Institute of Technology, Pasadena
CSf	San Francisco Public Library
CSfA	California Academy of Sciences, San Francisco
CSfU	University of San Francisco, San Francisco
CSmH	Henry E. Huntington Library, San Marino, Calif.
CSt	Stanford College Libraries, Stanford, Calif.
CSt-H	— The Hoover Institution on War, Revolution, and Peace
CSt-L	— Lane Medical Library
CStbS	University of California, Santa Barbara Library, Goleta
CStmoR	Rand Corporation, Santa Monica, Calif.
CU	University of California, Berkeley
CU-A	— University of California, Davis
CU-B	— Bancroft Library, Berkeley
CU-E	— East Asiatic Library, Berkeley
CU-M	— Medical Center, San Francisco
CU-Riv	— College of Arts, Letters and Science, Riverside
CU-S	— Scripps Institution of Oceanography, La Jolla
CaAEU	University of Alberta, Edmonton, Canada
CaBVa	Vancouver Public Library, Vancouver, Canada
CaBVaU	University of British Columbia, Vancouver, Canada
CaBViPA	Provincial Archives, Victoria, Canada
CaMWM	Medical Library of the University of Manitoba, Winnipeg, Canada
CaOKQ	Queen's University, Kingston, Canada
CaOL	London Public Library, London, Canada
CaOOA	Public Archives Library, Ottawa, Canada
CaOOAg	Department of Agriculture, Main Library, Ottawa, Canada
CaOLU	University of Western Ontario, London, Canada
CaOOG	Geological Survey of Canada, Ottawa, Canada
CaOOGB	Geographical Branch, Department of Mines and Technical Surveys, Ottawa, Canada
CaOOH	Laboratory of Hygiene, Ottawa, Canada
CaOON	National Research Council, Ottawa, Canada
CaOONM	National Museum, Ottawa, Canada
CaOOS	Dominion Bureau of Statistics, Ottawa, Canada
CaOOU	University of Ottawa, Ottawa, Canada
CaOTM	Library, Meteorological Branch, Air Services, Dept. of Transport, Toronto, Canada
CaOTR	Royal Canadian Institute, Toronto. (Collection included with CaOTU)
CaOTU	University of Toronto, Toronto, Canada
CaQMAI	Arctic Institute of North America, Montreal, Canada
CaQMBM	Bibliotheque Municipale, Montreal, Canada
CaQMM	McGill University, Montreal, Canada
CaQMMM	— Medical Library
CaQMU	University of Montreal, Montreal, Canada
CaSSU	University of Saskatchewan, Saskatoon, Canada
CoBBS	U. S. National Bureau of Standards, Boulder Laboratories, Colorado
CoD	Denver Public Library
CoDM	Medical Society of the City and County of Denver
CoFS	Colorado State University, Fort Collins
CoU	University of Colorado, Boulder
CtHT	Trinity College, Hartford, Conn.
CtW	Wesleyan University, Middletown, Conn.
CtY	Yale University, New Haven
CtY-L	— Law Library
CtY-M	— Medical School Library
DAIA	American Institute of Architects Library, Washington, D. C.
DAL	U. S. Army Library, Pentagon Building
DBC	U. S. Bureau of the Census Library
DBS	U. S. National Bureau of Standards Library
DC	U. S. Department of Commerce Library
DCU	Catholic University of America Library, Washington, D. C.
DDC	Dominican House of Studies, Immaculate Conception Convent Library, Washington, D. C.
DDO	Dumbarton Oaks Research Library of Harvard University, Washington, D. C.
DFR	Board of Governors of the Federal Reserve System
DI	U. S. Department of the Interior Library
DI-GS	— Geological Survey Library
DM	U. S. Bureau of Mines Library. (Library integrated with DI)
DN	U. S. Department of the Navy Library
DN-HO	— Naval Oceanographic Office Library
DN-Ob	— Naval Observatory Library
DN-RL	Naval Research Laboratory Library, Anacostia Station, Washington, D. C.
DNAL	National Agricultural Library
DNIH	National Institutes of Health Library, Bethesda, Md.
DNLM	U. S. National Library of Medicine
DNW	U. S. National War College Library, Fort McNair
DP	U. S. Patent Office Library
DS	U. S. Department of State Library
DSC	Scottish Rite Supreme Council Library
DSI	Smithsonian Institution Library, Washington, D. C.
DSI-AO	— Astrophysical Laboratory Library
DSI-E	— Bureau of American Ethnology Library
DSI-M	— National Museum Library
DWB	U. S. Weather Bureau Library
DeU	University of Delaware, Newark
FMU	University of Miami, Coral Gables, Fla.
FTaSU	Florida State University, Tallahassee
FU	University of Florida, Gainesville
GAT	Georgia Institute of Technology, Atlanta
GEU	Emory University, Atlanta
GU	University of Georgia, Athens
I	Illinois State Library, Springfield
IArg	Argonne National Laboratory, Argonne, Ill.
ICA	Art Institute of Chicago, Chicago
ICAC	American College of Surgeons Library, Chicago
ICF	Chicago Natural History Museum, Chicago
ICJ	John Crerar Library, Chicago
ICMILC	Midwest Inter-Library Center, Chicago
ICN	Newberry Library, Chicago
ICU	University of Chicago, Chicago
ICU-Y	Yerkes Observatory, Williams Bay, Wis.
ICarbS	Southern Illinois University, Carbondale
IEN	Northwestern University, Evanston, Ill.
IHi	Illinois State Historical Library, Springfield
IU	University of Illinois, Urbana
IaAS	Iowa State University of Science and Technology, Ames
IaU	State University of Iowa, Iowa City
IdNTS	National Reactor Testing Station, Technical Library, Phillips Petroleum Company, Idaho Falls, Idaho
In	Indiana State Library, Indianapolis

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InIA	Indiana Academy of Science Library, Indianapolis
InLP	Purdue University, Lafayette, Ind.
InNd	University of Notre Dame, Notre Dame, Ind.
InU	Indiana University, Bloomington
KAS	St. Benedict's College, Atchison, Kan.
KMK	Kansas State University, Manhattan
KU	University of Kansas, Lawrence
KU-L	— School of Law Library
KU-M	— Medical Center Library, Kansas City
KyU	University of Kentucky, Lexington
LNHT	Howard-Tilton Memorial Library of Tulane University, New Orleans, La.
LU	Louisiana State University, Baton Rouge
MA	Amherst College, Amherst, Mass.
MB	Boston Public Library
MBAt	Boston Athenaeum, Boston
MBM	Boston Medical Library, Boston
MBN	Boston Society of Natural History, Boston
MBU	Boston University
MBdAF	U. S. Air Force Cambridge Research Center, Bedford, Mass.
MCM	Massachusetts Institute of Technology, Cambridge, Mass.
MH	Harvard University, Cambridge, Mass.
MH-A	— Arnold Arboretum, Jamaica Plain
MH-AH	— Andover-Harvard Theological Seminary Library
MH-BH	— Blue Hill Meteorological Observatory, Milton, Mass.
MH-BL	— Biological Laboratories Library
MH-C	— Chemistry Library
MH-F	— Farlow Reference Library
MH-FA	— Fogg Art Museum Library
MH-G	— Gary Herbarium Library
MH-GM	— Gordon McKay Library
MH-HY	— Harvard-Yenching Institute (Chinese-Japanese Library)
MH-L	— Law School Library
MH-M	— Schools of Medicine, Public Health and Dental Medicine, Boston
MH-Mi	— Mineralogical Library
MH-O	— Astronomical Observatory, the Phillips Library
MH-P	— Peabody Museum Library
MH-PR	— Physics Research Library
MH-SD	— Graduate School of Design Library
MH-Z	— Museum of Comparative Zoology Library
MMeT	Tufts University, Medford, Mass.
MNS	Smith College, Northampton, Mass.
MWelC	Wellesley College, Wellesley, Mass.
MWhB	Marine Biological Laboratory, Woods Hole, Mass.
MdAN	U. S. Naval Academy, Annapolis
MdBJ	Johns Hopkins University, Baltimore
MdBWA	Walters Art Gallery, Baltimore
MeB	Bowdoin College, Brunswick, Maine
MeWC	Colby College, Waterville, Maine
MiD	Detroit Public Library
MiDA	Detroit Institute of Arts
MiDW	Wayne State University, Detroit
MiEM	Michigan State University, East Lansing
MiMidD	Dow Chemical Company, Midland, Mich.
MiU	University of Michigan, Ann Arbor
MiU-C	— William L. Clements Library
MiU-L	— Law Library
MnSJ	James Jerome Hill Reference Library, St. Paul
MnU	University of Minnesota, Minneapolis
MnU-B	— Bio-Medical Library
MnU-L	— Law Library
MoFC	Central College, Fayette, Mo.
MoKL	Linda Hall Library, Kansas City
MoRM	University of Missouri School of Mines and Metallurgy, Rolla
MoS	St. Louis Public Library
MoSB	Missouri Botanical Garden, St. Louis
MoSU	St. Louis University, St. Louis
MoSW	Washington University, St. Louis
MoU	University of Missouri, Columbia
MsSM	Mississippi State University, State College
MsU	University of Mississippi, Oxford
MtBC	Montana State College, Bozeman
MtU	Montana State University, Missoula
N	New York State Library, Albany
NB	Brooklyn Public Library
NBC	Brooklyn College, Brooklyn
NBG	Brooklyn Botanic Garden, Brooklyn
NBM	Academy of Medicine of Brooklyn Library, Brooklyn
NBSU-M	State University of New York, College of Medicine Downstate Medical Center Library, Brooklyn
NBuB	Buffalo Society of Natural Sciences, Buffalo
NCH	Hamilton College, Clinton, N. Y.
NCorniC	Corning Glass Works Library, Corning, N. Y.
NCsC	Carnegie Institution, Department of Genetics, Cold Spring Harbor, N. Y.
NIC	Cornell University, Ithaca, N. Y.
NIC-A	— State Colleges of Agriculture and Home Economics
NN	New York Public Library
NNA	American Geographical Society, New York
NNBG	New York Botanical Garden, Bronx Park, New York
NNC	Columbia University, New York
NNC-L	— Law Library
NNC-M	— Medical Library
NNC-T	— Teachers College Library
NNCC	Chemists' Club, New York
NNCoCi	College of the City of New York, New York
NNCorM	Cornell University Medical College Library, New York
NNE	Engineering Societies Library, New York
NNF	Fordham University, New York
NNIS	Library for Intercultural Studies, New York
NNJ	Jewish Theological Seminary of America, New York
NNM	American Museum of Natural History, New York
NNMM	Metropolitan Museum of Art Library, New York
NNNAM	New York Academy of Medicine, New York
NNPH-O	Institute of Ophthalmology, Presbyterian Hospital, New York
NNR	Russell Sage Foundation, College of the City of New York
NNRI	Rockefeller Institute for Medical Research, New York
NNU	New York University Libraries, New York
NNU-H	— University Heights Library
NNU-W	— Washington Square Library
NNUN	United Nations Library, New York
NPV	Vassar College, Poughkeepsie, N. Y.
NRE	Eastman Kodak Company, Rochester, N. Y.
NRU	University of Rochester, Rochester, N. Y.
NSyU	Syracuse University, Syracuse, N. Y.
NUpB	U. S. Brookhaven National Laboratory, Upton, N. Y.
NYBT	Boyce Thompson Institute for Plant Research, Yonkers, N. Y.
NbU	University of Nebraska, Lincoln
NcD	Duke University, Durham, N. C.
NcGW	Woman's College of the University of North Carolina, Greensboro
NcRS	North Carolina State College of Agriculture and Engineering, Raleigh
NcU	University of North Carolina, Chapel Hill
NdU	University of North Dakota, Grand Forks
Nh	New Hampshire State Library, Concord
NhD	Dartmouth College, Hanover, N. H.
NjI	Irvington Free Public Library, Irvington, N. J.
NjMuB	Bell Telephone Laboratories, Murray Hill, N. J.

NjN	Newark Public Library, Newark, N. J.
NjP	Princeton University, Princeton, N. J.
NjR	Rutgers University, New Brunswick, N. J.
O	Ohio State Library, Columbus
OCH	Hebrew Union College, Cincinnati
OCLloyd	Lloyd Library and Museum, Cincinnati
OCU	University of Cincinnati, Cincinnati
OCl	Cleveland Public Library
OClBHS	Benedictine High School, Cleveland
OClJC	John Carroll University, Cleveland
OClM	Cleveland Medical Library
OClMA	Cleveland Museum of Art
OClW	Western Reserve University, Cleveland
OCoB	Battelle Memorial Institute, Columbus
ODW	Ohio Wesleyan University, Delaware, Ohio
OHi	Ohio State Historical Society, Columbus
OO	Oberlin College, Oberlin, Ohio
OOxM	Miami University, Oxford, Ohio
OSte	Carnegie Library, Steubenville, Ohio
OU	Ohio State University, Columbus
OUCA	Chemical Abstracts, Ohio State University, Columbus
OkS	Oklahoma State University, Stillwater
OkU	University of Oklahoma, Norman
OrCS	Oregon State University, Corvallis
OrPR	Reed College, Portland, Ore.
OrU	University of Oregon, Eugene
P	Pennsylvania State Library, Harrisburg
PBL	Lehigh University, Bethlehem, Pa.
PBm	Bryn Mawr College, Bryn Mawr, Pa.
PHC	Haverford College, Haverford, Pa.
PLF	Franklin and Marshall College, Lancaster, Pa.
PP	Free Library of Philadelphia
PPAN	Academy of Natural Sciences, Philadelphia
PPAmP	American Philosophical Society, Philadelphia
PPBC	Philadelphia Bibliographical Center and Union Library Catalogue
PPC	College of Physicians of Philadelphia
PPDrop	Dropsie College for Hebrew and Cognate Learning, Philadelphia
PPF	Franklin Institute, Philadelphia
PPPM	Philadelphia Museum of Art
PPT	Temple University, Philadelphia
PPWI	Wistar Institute of Anatomy and Biology, Philadelphia
PPiCI	Carnegie Institute of Technology, Pittsburgh
PPiU	University of Pittsburgh, Pittsburgh
PRosC	Rosemont College, Rosemont, Pa.
PSC	Swarthmore College, Swarthmore, Pa.
PSt	Pennsylvania State University, University Park
PU	University of Pennsylvania, Philadelphia
PU-BZ	— Botany-Zoology Library
PU-El	— Moore School of Electrical Engineering Library
PU-FA	— School of Fine Arts Library
PU-Math	— Mathematics-Physics Library
PU-Mu	— University Museum Library
PU-Penn	— Penniman Library of Education
PU-Sc	— Towne Scientific School Library
RPB	Brown University, Providence, R. I.
RU	University of Rhode Island, Kingston
TCU	University of Chattanooga, Chattanooga, Tenn.
TNJ	Joint University Libraries (Vanderbilt University, George Peabody College for Teachers, and Scarritt College), Nashville, Tenn.
TONS	Oak Ridge Institute of Nuclear Studies, Oak Ridge, Tenn.
TU	University of Tennessee, Knoxville
TxCM	Agricultural and Mechanical College of Texas, College Station
TxDaM	Southern Methodist University, Dallas
TxHR	Rice Institute, Houston
TxLT	Texas Technological College, Lubbock
TxU	University of Texas, Austin
ULA	Utah State University of Agriculture and Applied Science, Logan
ViBlbV	Virginia Polytechnic Institute, Blacksburg
ViU	University of Virginia, Charlottesville
ViU-L	— Law Library
ViW	College of William and Mary, Williamsburg
VtMiM	Middlebury College, Middlebury, Vt.
VtU	University of Vermont and State Agricultural College, Burlington
WHi	State Historical Society of Wisconsin, Madison
WU	University of Wisconsin, Madison
WaU	University of Washington, Seattle
WvU	West Virginia University, Morgantown

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Vol. 27 [Saulos -Siauliai battle - Skapiskis] Saules -Siauliu kautynes - Skapiskis. 1962. 544 p.

[RURAL CALENDAR FOR 1962] Sel'skii kalendar' 1962. Moskva, Sel'khozizdat, 1961. 174 p.

RUSSIA (1917- R. S. F. S. R.) Ministerstvo kul'tury. [Museums of the Russian Federation] Muzei Rossiiskoi Federatsii. Moskva, 1961. 6 p.

2. BIBLIOGRAPHY

ANUSHKIN, A. I. [In the famous city of Vilnius, an outline history of printing] Vo slavnom meste Vilenskom; ocherki iz istorii knigopechataniia. Moskva, Iskusstvo, 1962. 170 p.

KOGAN, E., comp. [Kursk Province in belles lettres and memoirs; a bibliography] Kurskii krai v khudozhestvennoi i memuarnoi literature, rekomendatel'nyi ukazatel'. Kursk, [Kurskoe knizhnoe izd-vo] 1962. 52 p.

KOSENKO, M. IU., and IE. IE. KRAVCHENKO. [Method of selecting and using literature for term papers and diploma projects] Metodyka pidboru ta vykorystannia literatury dlia kursovykh i dyplomnykh robit ta proektiv. [L'viv] Vyd-vo Lvivs'koho univ., 1961. 69 p.

LENINGRAD. PUBLICHNAIA BIBLIOTEKA. [Leningrad Public Library in 1961] Gosudarstvennaia Publichnaia biblioteka imeni M. E. Saltykova-Shchedrina v 1961 godu. [By] N. D. Drutian. Red. V. M. Barashenkov. Leningrad, 1962. 113 p.

MEZHDUNARODNAIA KNIGA. [Catalog of Soviet newspapers and periodicals published in 1960] Neuvostoliiton sanomalehtien ja aikakausjulkaisujen luettelo vuodelle 1960. Moskva, 65 p. [In Russian and Finnish]

MOSCOW. GOSUDARSTVENNAIA PUBLICHNAIA ISTORICHESKAIA BIBLIOTEKA. [The great program of the building of communism; a bibliography] Velikaia programma stroitel'stva kommunizma; ukazatel' literatury (v pomoshch' propagandistu). Moskva, Izd-vo Vses. knizhnoi palaty, 1962. 79 p.

OREL. OBLASTNAIA BIBLIOTEKA. [Literature about Orel Province, 1958] Literatura ob Orlovskoi oblasti 1958 god. [Orel] Orlovskoe knizhnoe izd-vo, 1959. 107 p.

OREL. OBLASTNAIA BIBLIOTEKA. [Literature about Orel Province, 1960] Literatura ob Orlovskoi oblasti, 1960 god. [Orel] Orlovskoe knizhnoe izd-vo, 1960. 114 p.

[PRESENT-DAY NEWSPAPER PRINTING. Translated from the English and the German. Preface by A. Chernyshev] Sovremennaia gazetnaia pechat', sbornik perevodov. Moskva, Izd-vo inostr. lit-ry, 1962. 388 p.

RUSSIA (1917- R. S. F. S. R.) Ministerstvo kul'tury. [The press of the Russian Federation] Pechat' Rossiiskoi Federatsii. Moskva, 1961. 35 p.

VEREVKINA, A. N. [How to compile a bibliography for a research work; practical suggestions] Kak oformit' bibliografiiu k nauchnoi rabote, metodicheskie sovety. Moskva, Izd-vo Vses. knizhnoi palaty, 1962. 43 p.

VOLGAR', L. G. [Methods for the subject cataloging of biological literature, a textbook for librarians] Metodika predmetizatsii biologicheskoi literatury; posobie dlia bibliotekarei. Pod red. V. P. Kruglikovoi. Leningrad, Gos. Publichnaia biblioteka im. M. E. Saltykova-Shchedrina, 1962. 127 p.

3. PHILOSOPHY & RELIGION

AKADEMIIA NAUK SSSR. Institut filosofii. [Present-day schools of the philosophy of religion in capitalist countries] Sovremennye religiozno-filosofskie techeniia v kapitalisticheskikh stranakh. Moskva, Izd-vo Akad. nauk SSSR, 1962. 200 p.

AKADEMIIA PEDAGOGICHESKIKH NAUK RSFSR, Moscow. Institut psikhologii. [Psychology] Psikhologiia, uchebnik dlia pedagogicheskikh institutov. Pod red. A. A. Smirnova i dr. Izd. 2. Moskva, Uchpedgiz, 1962. 556 p.

ANDREEV, M. V. ["Secrets" of the Vatican] "Tainy" Vatikana. Moskva, Izd-vo "Znanie," 1962. 89 p. (Prochti tovarishchi!)

[THE BEAUTIFUL AND OUR LIFE] Prekrasnoe i zhizn'. Moskva, Gos. izd-vo polit. lit-ry, 1962. 85 p.

ENGELS, FRIEDRICH. [Primitive Christianity] O pervonachal'nom khristianstve. Moskva, Gospolitizdat, 1962. 61 p.

FEDIN, IU. A. [Contemporary attempts to revive religion] O sovremennykh popytkakh obnovleniia religii. Moskva, Gospolitizdat, 1962. 76 p.

FRANTSEV, IU. P., ed. [Talks on religion and knowledge; popular manual. Science of the earth, sky and man. Origin of religion and its role in society. Religion and Soviet reality] Besedy o religii i znanii; populiarnyi uchebnik. Nauka o zemle, nebe i cheloveke. Vozniknovenie religii i ee rol' v obshchestve. Religiia i sovetskaia deistvitel'nost'. Moskva, Gospolitizdat, 1962. 317 p.

GLUKHOVA, A. A., and A. M. DZHIGKAEV. [Significance of V. I. Lenin's analysis of the revolution in physics for the struggle against idealism and mechanism] Znachenie leninskogo analiza revoliutsii v fizike dlia bor'by protiv "fizicheskogo" idealizma i mekhanizma. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1962. 257 p.

GRIGOR'EV, B. G. [What hampers our work and mars our life] Chto meshaet nam zhit' i rabotat'. [Leningrad] Lenizdat, 1962. 38 p. (Besedy o moral'nom kodekse)

GUR'EV, D. V. [God, Adam, and society] Bog, Adam i obshchestvo. Moskva, Gospolitizdat, 1962. 118 p.

KALUGIN, V. M. [Contemporary religious sectarianism, its varieties and ideology] Sovremennoe religioznoe sektantstvo, ego raznovidnosti i ideologiia. Moskva, Vysshaia shkola, 1962. 58 p. (Materialy k lektsiiam po filosofii)

KUDRIASHOV, G. E. [Remnants of religious beliefs of Chuvashes and overcoming them] Perezhitki religioznykh verovanii chuvash i ikh preodolenie. Cheboksary, Chuvashskoe gos. izd-vo, 1961. 163 p.

KUZNETSOV, V. N. [Postwar development of Marxist philosophy in France, 1945-1961] Razvitie marksistskoi filosofii vo Frantsii posle vtoroi mirovoi voiny, 1945-1961 gg., lektsiia dlia studentov-zaochnikov. [Moskva] Izd-vo Mosk. univ., 1962. 62 p.

MIKHAILOV, A. A. [Philosophy of the doomed; existentialism as a reactionary school of present-day bourgeois philosophy] Filosofiia obrechennykh (ekzistentsializm - reaktsionnoe techenie v sovremennoi burzhuaznoi filosofii). Minsk, 1962. 30 p. (Obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii Belorusskoi SSR, no. 18)

MOISEEV, D. V. [Do not choose the easy way in life] Ne vybirai legkikh putei v zhizni. [Leningrad] Lenizdat, 1962. 37 p. (Besedy o moral'nom kodekse)

NARSKII, I. S. [Philosophy of Bertrand Russell] Filosofiia Bertrana Rassela; lektsiia dlia studentov filosofskikh fakul'tetov gosudarstvennykh universitetov. [Moskva] Izd-vo Mosk. univ., 1962. 39 p.

[OLD BELIEVERS' CALENDAR FOR 1962] Staroobriadcheskii tserkovnyi kalendar' na 1962 god. Moskva, Izd. Staroobriadcheskoi Arkhiepiskopii Moskovskoi i vseia Rusi [n. d.] 85 p.

ORLOV, V. V. [Characteristics of sensory perception] Osobennosti chuvstvennogo poznaniia. Perm', Permskoe knizhnoe izd-vo, 1962. 218 p.

[ORTHODOX CHURCH CALENDAR FOR 1962] Pravoslavnyi tserkovnyi kalendar' na 1962 god. [Moskva] Izd. Mosk. Patriarkhii [n. d.] 79 p.

PARAMONOV, N. Z. [Law of the negation of negation] Zakon otritsaniia otritsaniia. Moskva, Izd-vo "Znanie," 1962. 40 p. (Novoe v zhizni, nauke, tekhnike. II Seriia: Filosofiia, no. 19)

RIZHSKII, M. I. [What is the Bible] Chto takoe Bibliia. [Chita] Chitinskoe knizhnoe izd-vo, 1962. 184 p.

RUDENKO, K. P. [Woman and religion] Zhinka i religiia. Kyiv, Derzhpolitvydav URSR, 1962. 31 p.

[STUDY OF THE LIFE OF THE ANCHORITE HIEROMONK, IOSIF, ELDER OF OPTINA PUSTYN'] Ocherk zhizni startsa Optinoi pustyni ieroskhimonakha Iosifa. Jordanville, N. Y., Holy Trinity Monastery, 1962. 156 p.
(MR)

ZEN'KOVSKII, V. V. [Fundamentals of Christian philosophy] Osnovy khristianskoi filosofii. [Frankfurt am Main, Possev-Verlag.]
Vol. 1. [Christian theory of cognition] Khristianskoe uchenie o poznanii [1960]. (Ilia. Filosofskaia trilogiia, no. 1)
(MH)

4. HISTORY

[ACCOUNTS OF GEORGIA BY BYZANTINE WRITERS. Translated from the Georgian] Svedeniia vizantiiskikh pisatelei o Gruzii. Georgica scriptorum Byzantinorum excerpta ad Georgiam pertinentia. Teksty s gruzinskim perevodom, izdali i prim. snabdili A. G. Gamkrelidze i S. G. Kaukhchishvili. Tbilisi, Akad. nauk Gruzinskoi SSR. (Inostrannye istochniki o Gruzii, no. 4)
Vol. 1. 1961.
(MH)

AKADEMIIA NAUK SSSR. Institut istorii [Leaflets of the Patriotic War of 1812] Listovki Otechestvennoi voiny 1812 goda, sbornik dokumentov [Sost. R. E. Al'tshuller, A. G. Tartakovskii.] Moskva, Izd-vo Akad. nauk SSSR, 1962. 159 p.

AKADEMIIA NAUK SSSR. Institut istorii. [The year 1812; the 150th anniversary of the Patriotic War] 1812 god, k stopiatidesiatiletiiu Otechestvennoi voiny, sbornik statei. Moskva, Izd-vo Akad. nauk SSSR, 1962. 318 p.

AKADEMIIA NAUK SSSR. Institut mirovoi ekonomiki i mezhdunarodnykh otnoshenii. [Postwar international relations in three volumes] Mezhdunarodnye otnosheniia posle Vtoroi Mirovoi voiny v trekh tomakh. Glav. red. N. N. Inozemtsev i dr. Moskva, Gospolitizdat.
Vol. 1. 1945-1949. Red. A. G. Mileikovskii. 1962. 758 p.

AKADEMIIA NAUK SSSR. Institut narodov Azii. [Armenian source materials concerning the history of the Mongols, excerpts from the manuscripts of the 13th and 14th centuries. Translated from Old Armenian] Armianskie istochniki o mongolakh, izvlecheniia iz rukopisei XIII--XIV vv. Moskva, Izd-vo vostochnoi lit-ry, 1962. 153 p.

ASHKINADZE, D. I. [Railroad workers of Ishim in their struggle for Soviet government, 1917-1919] Zheleznodorozhniki Ishima v bor'be za vlast' Sovetov, 1917-1919 gg. [Tiumen'] Tiumenskoe knizhnoe izd-vo, 1961. 74 p. illus.
(MH)

AZIZBEKOVA, P. A. [V. I. Lenin and socialist reforms in Azerbaijan, 1920-1923] V. I. Lenin i sotsialisticheskie preobrazovaniia v Azerbaidzhane, 1920-1923 gg. Moskva, Izd-vo Akad. nauk SSSR, 1962. 364 p.

BARINOV, A. S. [The Communist Party during the civil war and foreign armed intervention] Kommunisticheskaia partiia v period inostrannoi voennoi interventsii i grazhdanskoi voiny, material k lektsiiam po kursu "Istoriia KPSS." Moskva, Mosk. gos. bibliotechnyi in-t, 1960. 90 p.

BATURIN, M., and S. TAROV. [Present-day foreign policy of the Soviet Union] Vneshniaia politika Sovetskogo Soiuza na sovremennom etape. Moskva, Izd-vo In-ta mezhdunarodnykh otnoshenii, 1962. 122 p.

BOGVERADZE, ANRI. [History of early feudal social relations in Kartlia] Iz istorii rannefeodal'nykh obshchestvennykh otnoshenii v Kartli. Tbilisi, AN Gruz. SSR, 1961. 147 p. [In Georgian]
(MH)

[THE DAWN OF A NEW WORLD; a collection of reminiscences and documents on the Second All-Russian Congress of Soviets] Utro novogo mira; sbornik vospominanii i dokumentov o II Vserossiiskom s"ezde Sovetov. Moskva, Gospolitizdat, 1962. 78 p. (Stranitsy istorii Sovetskoi Rodiny)

EGRETAUD, MARCEL. [The Algerian nation exists. Translated from the French] Alzhirskaia natsiia suchestvuet. Predisl. Fransua Biu. Moskva, Izd-vo vostochnoi lit-ry, 1958. 188 p.
(ICMILC)

GINZBURG, L. V. [The price of ashes; my German notebook] TSena pepla; nemetskie zametki. Moskva, Sovetskii pisatel', 1962. 401 p.

GOL'DBERG, D. I. [The foreign policy of Japan in 1941-1945] Vneshniaia politika Iaponii v 1941-1945 gg. Moskva, Sotsekgiz, 1962. 383 p.

IANIN, V. L. [Governors of the Duchy of Novgorod] Novgorodskie posadniki. [Moskva] Izd-vo Mosk. univ., 1962. 386 p.

IVANSKII, A. I. [Books in the life of the young Lenin] Kniga v zhizni molodogo Lenina; dokumental'nyi ocherk. Moskva, Izd-vo "Znanie," 1962. 39 p. (Novoe v zhizni, nauke, tekhnike. X Seriia. Molodezhnaia, no. 22)

KARTSOV, V. G. [What do the Yenisey mounds tell; studies on history and archaeology] O chem govoriat kurgany Eniseia, istoriko-arkheologicheskie ocherki. Abakan, Khakasskoe knizhnoe izd-vo, 1961. 98 p.

KAZACHENOK, V. S. [When our country was in danger; notes on the Minsk underground] Kogda Rodina v opasnosti; zapiski o Minskom podpol'e. Minsk, Gos. izd-vo BSSR, 1961. 280 p. illus.
(MH)

KHOZE, S. E., L. S. FILIPPOVA, and T. G. MARKINA. [Experience in teaching history in vocational schools] Opyt prepodavaniia istorii v shkole s proizvodstvennym obucheniem. Moskva, Izd-vo Akad. pedagog. nauk RSFSR, 1962. 57 p. (Pedagogicheskie chteniia)

KIM, M. P. [Themes of present-day historical research, problems concerning the history of Soviet society] Nad chem rabotaiut istoriki, voprosy istorii sovetskogo obshchestva. Moskva, Izd-vo "Znanie," 1962. 37 p. (Novoe v zhizni, nauke, tekhnike. I Seriia. Istoriia, no. 10)

KIR'IANOV, I. A. [Ancient fortresses of the Nizhniy Novgorod region of the Volga Valley; study on ancient Russian wooden and earthen fortresses in Nizhniy Novgorod (Gorkiy), Gorodets, Gorodishchi village (Bor District), Lyskov, Kurmysh, Vasil'sursk, Balakhna, Bol'shoye Murashkino and Arzamas] Starinnye kreposti Nizhegorodskogo Povolzh'ia, ocherk o stat'innykh russkikh derevo-zemlianykh krepostiakh v N. Novgorode (Gor'kom), Gorodtse, sele Gorodishchi (Borskogo raiona), Lyskove, Kurmyshe, Vasil'ursku, Balakhne, B. Murashkino, Arzamase. [Gor'kii] Gor'kovskoe knizhnoe izd-vo, 1961. 105 p.

KOMMUNISTICHESKAIA PARTIIA SOVETSKOGO SOIUZA. Permskii oblastnoi komitet. Partiinyi arkhiv. [Lenin's "Pravda" in the western Urals, 1912-1914, documents and materials on the history of the Perm organization of the CPSU] Leninskaia "Pravda" na Zapadnom Urale, 1912-1914 gody; dokumenty i materialy po istorii Permskoi organizatsii KPSS. Perm', Permskoe knizhnoe izd-vo, 1962. 150 p.

KOVTUN, A. I. [Paths travelled, recollections] Puti proidennye, vospominaniia. Simferopol', Krymizdat, 1962. 134 p.

KUDLAI, A. S. [The Communist Party during the period of foreign military intervention and civil war] Komunisticheskaia partiia v period inozemnoi voennoi interventsii i grazhdanskoi voiny, 1918-1920 rr. Kyiv, Derzhpolitvydav, URSR, 1959. 66 p. (Na dopomohu vyvchaiuchym istoriiu KPSR)
(CSt-H)

KUTAKOV, L. N. [History of Soviet-Japanese diplomatic relations] Istoriia sovetsko-iaponskikh diplomaticheskikh otnoshenii. Moskva, Izd-vo IMO, 1962. 559 p.

KUZ'MA, OLEKSA. [October days of 1918] Lystopadovi dni 1918 r. [Vyd. 2.] New York, Nakladom Vydavnychoi Kooperatyvy "Chervona Kalyna," 1960. 443 p. 13 maps. [Fotodruk z 1-ho l'vivs'koho vydannia.]
(CtY)

LENIN, V. I. [Complete works] Polnoe sobranie sochinenii. Izd. 5. Moskva, Gospolitizdat.
Vol 35. [October 1917-March 1918] Oktiabr'1917-mart 1918. 1962. 599 p.

LIL'IN, T. IA. [Women in grey army overcoats, how to prepare and deliver a lecture on the heroism of Soviet women at the fronts of the Great Patriotic War] Zhenshchina v seroi shineli, kak podgotovit' i prochitat' lektsiiu o geroizme sovetskikh zhenshchin na frontakh Velikoi Otechestvennoi voiny. Moskva, Ob-vo po rasprostraneniiu polit. i nauchn. znanii, 1961. 44 p. (V pomoshch' lektoru)
[MICROFILM]

MINKIN, A. E., and A. A. KHODCHENKOV. [Monuments and memorable places associated with the Patriotic War of 1812] Pamiatniki i pamiatnye mesta Otechestvennoi voiny 1812 goda. Smolensk, Smolenskoe obl. upr. kul'tury, 1962. 39 p.
[MICROFILM]

MINSK. INSTYTUT HISTORYI PARTYI. [Struggle of the workers of Western White Russia for social and national liberation and reunification with the White Russian S. S. R.; documents and materials] Bor'ba trudiashchikhsia Zapadnoi Belorusii za sotsial'noe i natsional'noe osvobozhdenie i vossoedinenie s BSSR; dokumenty i materialy. Minsk, Gos. izd-vo BSSR.
Vol. 1. 1962.
(MH)

MOSCOW. INSTITUT MARKSIZMA-LENINIZMA. [Chronological index of V. I. Lenin's works in two parts, 1883-1923, books, articles, speeches, letters, and other documents] Khronologicheskii ukazatel' proizvedenii V. I. Lenina v dvukh chastiakh, 1883-1923; knigi, stat'i, vystupleniia, pis'ma i drugie dokumenty. Moskva, Gospolitizdat.
Pt. 2. [March 1917-March 1923] Mart 1917-mart 1923. 1962. 695 p.

MYSHKO, D. I. Severyn Nalyvaiko. Kyiv, Radians'ka shkola, 1962. 113 p.

NASZKOWSKI, MARIAN. [Days of unrest, reminiscences of the 1930's. Translated from the Polish] Nespokoinye dni, vospominaniia o tridtsatykh godakh. Moskva, Izd-vo inostr. lit-ry, 1962. 269 p.

NIKOLAEVSKII, B. I. [Mensheviks during the days of the October Revolution] Men'sheviki v dni Oktiabr'skogo perevorota. New York, 1962. 114 p. (Inter-University Project on the History of the Menshevik Movement. Paper no. 6)
(CSt-H)

NOVOSELOV, K. N. [Against the bourgeois falsifiers of the history of Central Asia] Protiv burzhuaznykh fal'sifikatorov istorii Srednei Azii. Ashkhabad, Turkmengosizdat, 1962. 318 p.

OVCHARENKO, P. M., and S. N. SAZHENIUK. [First phase of the Great Patriotic War of the Soviet Union, June 22, 1941-November 1942] Pershyi period Velykoi Vitchyznianoi viiny Radians'koho Soiuzu, 22 cherv. 1941 r. - lystopad 1942 r., na dopomohu vyvchaiuchym istoriiu SRSR. [Kyiv] Vyd-vo Kyivs'koho univ., 1962. 134 p.

PETRIKOV, P. T. [Organization and work of revolutionary committees in White Russia in 1920] Organizatsiia i deiatel'nost' revoliutsionnykh komitetov na territorii Belorussii v 1920 godu. Minsk, Izd-vo M-va vyssh. i sred. spetsial'nogo i professional'nogo obrazovaniia BSSR, 1962. 40 p.

POZKNIAKOV, E. I. [Youth of a commissar] Iunost' komissara. Moskva, Voenizdat, 1962. 323 p. (Voennye memuary)

RAHMAT, ADHAM. [Sketches on the heroism of Uzbek Russian soldiers in the Great Patriotic War, Ocherki o geroistve voinov Uzbekistana v Velikoi Otechestvennoi voine. Tashkent, Pravda Vostoka] 1961. 349 p. [In Uzbek]
(MH)

RUSSIA (1917- R. S. F. S. R.) Glavnoe arkhivnoe upravlenie. [The Southern Front, May, 1919 to March, 1919; how the Soviet people struggled against interventionists and the White Guards in Southern Russia] IUzhnyi front, mai 1919-mart 1919; bor'ba sovetskogo naroda s interventami i belogvardeitsami na Iuge Rossii. Sbornik dokumentov. [Rostov-na-Donu] Rostovskoe knizhnoe izd-vo, 1962. 410 p.

SADKOV, M. A. [Some problems in the history of the Udmurt A. S. S. R.] Nekotorye voprosy istorii Udmurtskoi ASSR. Izhevsk, Udmurtskoe knizhnoe izd-vo, 1960. 94 p.
[MICROFILM]

SAKHAROV, A. M., and A. V. MURAV'EV. [Studies of Russian culture from the 9th to the 17th century] Ocherki russkoi kul'tury IX-XVII vv.; posobie dlia uchitelia. Moskva, Uchpedgiz, 1961. 345 p.

"SHADRINSKII RABOCHII," gazeta. [Shadrinsk during the 40 years of Soviet rule; collected articles and reminiscences] Shadrinsk za 40 let Sovetskoi vlasti, sbornik statei i vospominanii. [Shadrinsk] 1957. 186 p.

SLUTSKAIA, K. O. [Victory of the October Revolution and the establishment of the Soviet regime in Moldavia, March, 1917-March, 1918] Pobeda Oktiabr'skoi revoliutsii i ustanovlenie Sovetskoi vlasti v Moldavii, mart 1917-mart 1918. Kishinev, Kartia moldovenialske, 1962. 298 p.

STREKHNIN, IU. F. ["Borody" Detachment; true stories] Otriad "Borody", nevydumannye istorii. Moskva, Izd-vo DOSAAF, 1962. 251 p.

TATISHCHIEV, V. N. [History of Russia in seven volumes] Istoriia Rossiiskaia v semi tomakh. Moskva, Izd-vo Akad. nauk, 1962. 7 v.
(NcU)

[THOSE WHO FOUGHT IN THE MOLDAVIAN REVOLUTIONARY UNDERGROUND] Luptetori ai mishkerii revolutsionare ilegale din Moldova. Kishinău, Editura de stat "Kartia moldoveniaske," 1960. 297 p. [In Moldavian]

TRET'IAKOV, S. M. [Têng Hsi-hua. People around a bonfire. Country of crossroads] Den Shi-khua. Liudi odnogo kostra. Strana perekrestok. Moskva, Sovetskii pisatel', 1962. 783 p.

[THE TURNING POINT OF A GREAT BATTLE, reminiscences of the participants in the Battle of Kalinin] Rubezh velikoi bitvy; vospominaniia uchastnikov boev. [Kalinin] Kalininskoe knizhnoe izd-vo, 1961. 163 p. [XX let osvobozhdeniia goroda Kalinina ot nemetsko-fashistskikh okkupantov)

VENDRIKH, G. A., comp. [How we struggled for Soviet power in Irkutsk Government; recollections of active participants of the Great October Revolution] Kak my borolis' za vlast' Sovetov v Irkutskoi gubernii, vospominaniia aktivnyk uchastnikov Velikoi Oktiabr'skoi sotsialisticheskoi revoliutsii. [Irkutsk] Irkutskoe knizhnoe izd-vo, 1957. 558 p.
(MH)

VOLOGDA. OBLASTNOI KRAEVEDCHESKII MUZEI. [Collected articles on the archaeology of Vologda Province] Sbornik po arkheologii Vologodskoi oblasti. [Vologda] Vologodskoe knizhnoe izd-vo, 1961. 203 p.

5. SOCIAL SCIENCES

ADABASHEV, I. I. [At the brink of mystery] Na kraiu tainy [Moskva] Profizdat, 1962. 197 p. (Massovaia biblioteka rabochego)

ADAMOV, O. [Some present day reformistic and revisionist theories of the transition from capitalism to socialism] O nekotorykh sovremennykh reformistskikh i revizionistskikh teoriiakh perekhoda ot kapitalizma k sotsializmu. Kishinev, Kartia moldovenaske, 1961. 90 p.
(MH)

AFANAS'EV, V. G. [Great principle] Velikii printsip. [Moskva] Molodaia gvardiia, 1962. 71 p.

AGRANAT, G. A., and V. F. PUZANOVA. [Power resources, agriculture and industries of the American North] Energetika, sel'skoe i promyslovoe khoziaistvo Amerikanskogo Severa. Moskva, Izd-vo Akad. nauk SSSR, 1962. 183 p.

ALIASIKOVA, T. V. [Transition from capitalism to communism is the general course of the development of human society] Perekhid vid kapitalizmu do komunizmu - shliakh rozvytku liudstva. Kyiv, Derzhpolitvydav URSR, 1962. 43 p. (Materialy XXII z'izdu KPRS; na dopomohu vyvchaiuchim)

AKADEMIIA NAUK SSSR. Institut ekonomiki. [Economics; textbook] Politicheskaia ekonomiia; uchebnik. 4., perer. i dop. izd. Moskva, Gospolitizdat, 1962. 702 p.

AKADEMIIA NAUK SSSR. Institut mirovoi ekonomiki i mezhdunarodnykh otnoshenii. [The 22d Congress of the CPSU on the crisis of world capitalism] XXII s"ezd KPSS o krizise mirovogo kapitalizma. Otv. A. A. Arzumanian. Red. kollegiia. N. N. Kuchinskii i dr. Moskva, Ekonomizdat, 1962. 277 p.

AKADEMIIA NAUK SSSR. Ural'skii filial, Sverdlovsk. Institut biologii. [Ways for expanding the sources of resin supply in the forests of the Urals and Siberia] Puti rasshireniia syr'evoi bazy podsochki lesov Urala i Sibiri. Sverdlovsk, 1960. 101 p.
[MICROFILM]

[ALONG THE WIDE PATH OF THE SEVEN-YEAR PLAN] Shyrokym shliakhom semyrichky. L'viv, Knyzhkovo-zhurnal'ne vyd-vo, 1960. 132 p.

ALYSHBAEV, D. A., and I. M. NAIDICH. [Prospects for developing heavy industry in the Kirghiz S. S. R. utilizing the fuel and power resources of the Naryn Basin and local mineral resources; problem of the Bol'shoy Naryn] O perspektivakh razvitiia tiazheloi promyshlennosti Kirgizskoi SSR na baze osvoeniia energeticheskikh resursov basseina reki Naryna i mestnogo mineral'nogo syr'ia; problema Bol'shogo Naryna. Frunze, Ob-vo po rasprostraneniiu polit i nauchn. znanii Kirgizskoi SSR, 1959. 47 p.

ANDREEV, A. A. [Amortization and capital repairs in ferrous metallurgy] Amortizatsiia i kapital'nyi remont v chernoi metallurgii. Moskva, Metallurgizdat, 1962. 216 p.

ANTELAVA, I. G. [Georgian crown peasants in the 19th century.] Gosudarstvennye krest'iane Gruzii v XIX veke. Tbilisi, Izd-vo Akad. nauk Gruzinskoi SSR,
Vol. 2. [The period following the Reform of 1861 (1864-1900)] Poreformennyi period (1864-1900 gg.) 1962. 360 p.

APYSHEVA, A. [Women of Kirghizistan are the active builders of communism] Zhenshchiny Kirgizii-aktivnye stroiteli kommunizma. Frunze, Kirgizskoe gos. izd-vo, 1961. 84 p.

BABAEVSKII, SEMEN. [Happiness] Bagt, Ashgabat, Turkmendovletokuypednesshir, 1960. 15 p. [In Turkmen]

BALIBALOV, I. A., and others. [The strides of the seven-year plan, work results of Kuznetsk workers during the first year of the seven-year plan and tasks for 1960] Shagi semiletki; itogi raboty trudiashchikov Kuzbassa v pervom godu semiletki i zadachi na 1960 god [Kemerovo] Kemerovskoe knizhnoe izd-vo, 1960. 150 p. (Fakty i tsifry)
[MICROFILM]

BANDURKO, I. E. [Reduction of the workday is the great achievement of socialism] Skorochennia robochoho dnia - velyke zavoiuvannia sotsializmu. Kyiv, Derzhpolitvydav URSR, 1962. 41 p.

BAUTINA, N. V., ed. [Economic laws of the transition from socialism to communism] Ekonomicheskie zakonomernosti perekhoda ot sotsializma k kommunizmu. Moskva, Ekonizdat, 1962. 291 p.

BELIAEV, IU. N. [Following the equalization policy; on equalizing the level of economic development in socialist countries] Kurs - na vyravnivanii; o vyravnivanii urovnia razvitiia ekonomiki sotsialisticheskikh stran. Moskva, Izd-vo "Znanie," 1962. 47 p. (Novoe v zhizni, nauke, tekhnike. III Serila: Ekonomika, no 20)

BERLIN, M. Z. [Economics of agricultural construction] Ekonomika sel'skokhoziaistvennogo stroitel'stva. Moskva, Sel'khozizdat, 1962. 246 p.

BOGDANOV, V. [Weavers in the seven-year plan] Tkachi na vakhte semiletki. Stalinabad, Tadzhikgosizdat, 1961. 31 p.

BREGEL', E. IA. [Profit and the cost of production] Pribyl' i tsena proizvodstva. Moskva, Izd-vo IMO, 1962. 87 p. (Lektsii po politicheskoi ekonomii, no. 7)

BUTORIN, I. M. [Statistics of the mechanization and electrification of agriculture] Statistika mekhanizatsii i elektrifikatsii sel'skogo khoziaistva. Moskva, Gosstatizdat, 1962. 120 p.

BUZDALOV, I. N. [Intensification of agricultural production] Intensifikatsiia sel'skokhoziaistvennogo proizvodstva. Moskva, Ekonomizdat, 1962. 150 p.

BUZYKIN, IU. I. [Behind the screen of "Little Europe", West European integration as a new form of the repartition of the capitalist market] Za shirmoi "Maloi Evropy", zapadnoevropeiskaia integratsiia - novaia forma peredela kapitalisticheskogo rynka. Moskva, Izd-vo "Znanie," 1962. 47 p. (Novoe v zhizni, nauke, tekhnike. III Serila: Ekonomika, no. 21)

CHERNIAK, IU. I. [Interbranch balance and its utilization in economic analysis and planned calculations] Mezhotraslevoi balans i ego ispol'zovanie v ekonomicheskom analize i planovykh raschetakh, metodicheskoe rukovodstvo. Moskva, Mosk. in-t narodnogo khoz.
No. 1. 1962. 61 p.

CHERNIAVSKII, G. I. [Profitableness of the fishing industry of Sakhalin] Voprosy rentabel'nosti rybnoi promyshlennosti Sakhalina. IUzhno-Sakhalinsk, Sakhalinskoe knizhnoe izd-vo, 1960. 170 p.

CHURILOVICH, L. M. [What one should know about the capital assets of a metallurgical enterprise] Chto nuzhno znat' ob osnovnykh fondakh metallurgicheskogo predpriiatiia. Moskva, Metallurgizdat, 1962. 40 p.

CIMERMANIS, S. [Life of the farm workers in Kurzeme and Zemgale during the first half of the 19th century] Laukstradnieku dzives veids Kurzeme un Zemgale 19. gadsimta otraja puse. Riga, Latvijas PSR za izdevniecība, 1959. 233 p. illus. [In Latvian]
(MH)

[THE CLUB AS AN ORGANIZER OF LEISURE] Klub - organizator otdykha. Moskva, Sovetskaia Rossiia, 1962. 158 p. (Bibliotechka sel'skogo klubnogo rabotnika, no. 6)

DELIUSIN, L. P. [The world of socialism and the liberation of oppressed peoples] Mir sotsializma i osvobozhdenie ugnetennykh narodov. Moskva, Izd-vo "Znanie," 1962. 39 p. (Novoe v zhizni, nauke, tekhnike. VII Serila: Mezhdunarodnaia, no. 22)

DEMENEV, A. I. [Indestructible foundation of communism] Nesokrushimyi fundament kommunizma. [Sverdlovsk] Sverdlovskoe knizhnoe izd-vo, 1962. 61 p.

DEMIDOV, R. G. [The beginning of a great journey, Voronezh youth in the revolutionary movement from 1872 to 1919] Nachalo bol'shogo puti, voronezhskaia molodezh' v revoliutsionnom dvizhenii 1872-1919 gg. Voronezh, Izd-vo Voronezhskogo univ., 1961. 45 p.
(CSt-H)

D'IACHENKO, V. V. [Communism builds for the people] Kommunizm stroitsia dlia liudei. [Moskva] Mosk. rabochii, 1962. 91 p.
(CSt-H)

DUPAL, JAROSLAV, and others. [Problems in determining the effectiveness of agricultural production in Czechoslovakia. Translated from the Czech] Voprosy opredeleniia effektivnosti sel'skokhoziaistvennogo proizvodstva v Chekhoslovakii. Pod red. A. I. Tulupnikova. Moskva, Gosstatizdat, 1962. 178 p.

[ECONOMIC EFFICIENCY OF THE AUTOMATION OF PRODUCTION PROCESSES IN THE TEXTILE INDUSTRY] Ekonomicheskaia effektivnost' avtomatizatsii proizvodstvennykh protsessov tekstil'noi promyshlennosti. [By] Zubchaninov, V. V., i dr. Moskva, Mashgiz, 1962. 198 p.

EVENTOV, A. M. [The Zabotins] Suprugi Zaboteny. Moskva, Izd-vo "Sovetskaia Rossiia," 1962. 235 p. (Liudi Sovetskoi Rossii)

FEDININ, V. K. [Communist path for improving the national welfare] Kommunisticheskii put' povysheniia narodnogo blagosostoianiia. Moskva, Ekonomizdat, 1962. 35 p.

FESHCHENKO, P. S. [Towards a new upsurge in state farm economy] K novomu pod"emu ekonomiki sovkhozov, v pomoshch' izuchaiushchim ekonomiku sel'skogo khoziaistva. Simferopol', Krymizdat, 1961. 64 p.

FILIPPOV, V. V. [In the main direction] Na glavnom napravlenii. Simferopol', Krymizdat, 1961. 27 p.

FURMAN, G. N. [Soviet family] Sovetskaia sem'ia. Moskva, Izd-vo "Znanie," 1962. 46 p. (Novoe v zhizni, nauke, tekhnike. II Serila: Filosofila, no. 21)

GOLUBTSOVA, E. S. [Studies on the social and political history of Asia Minor from the first to the third century A. D.; independent rural communes] Ocherki sotsial'no-politicheskoi istorii Maloi Azii v I- IIIvv.; nezavisimaia sel'skaia obshchina. Moskva, Izd-vo Akad. nauk SSSR, 1962. 194 p.

GORSKII, A. A., and K. K. GRIGOR'EV. [Trade unions, science and production] Profsoiuzy, nauka, proizvodstvo. [Moskva] Profizdat, 1962. 78 p.

GUREVICH, N. M. [State sector in the economy of Afghanistan] Gosudarstvennyi sektor v ekonomike Afganistana. Moskva, Izd-vo vostochnoi lit-ry, 1962. 110 p.

GUZHIN, G. S., and L. V. IAKHONTOV. [Around the Issyk-Kul'; popular geographical study] Vokrug ozera Issyk-Kul'; populiarnyi geograficheskii ocherk. Frunze, Kirgizskoe gos. izd-vo, 1959. 67 p.

[HISTORY OF THE FAR EASTERN STEAMSHIP LINE] Istoriia Dal'nevostochnogo parokhodstva; ocherki. Moskva, Izd-vo "Moskoi transport," 1962. 263 p.

HURHAL', V. O. [Twenty days beyond the ocean] 20 dniv za okeanom. L'viv, Knizhkovo-zhurnal'ne vyd-vo, 1962. 36 p.

IEVLEV, P. P. [Foundation of modern industry] Fundament sovremennoi promyshlennosti. Moskva, Izd-vo "Znanie," 1962. 29 p. (Novoe v zhizni, nauke, tekhnike. XII Serila. Geologiia i geografiia, no. 24)

INDURSKII, S. D. [Personal example of a Communist] Lichnyi primer kommunista. [Moskva] Mosk. rabochii, 1962. 62 p.

KAGANOV, G. A. [Increasing labor productivity is the path to abundance; based on the work materials of the enterprises of ferrous metallurgy] Povyshenie proizvoditel'nosti truda - put' k izobiliiu; po materialam raboty predpriiatii chernoi metallurgii. Sverdlovsk, Metallurgizdat, 1961. 35 p. (Osnovy ekonomiki predpriiatii chernoi metallurgii)

KAMILOV, MIRZO. [Work as a means of communist training] Mekhnat - vositai tarbiiai kommunistii odamon. Stalinobod, Nashrieti davlatii Tochikiston, 1961. 38 p. [In Tajik]

KHOZEV, SH. [For the welfare of everybody] Na blago vsekh. Moskva, Izd-vo "Znanie," 1962. 45 p. (Novoe v zhizni, nauke, tekhnike. V Serila: Sel'skoe khoziaistvo, no.18)

KHRUSHCHEV, N.S. [Development of the U.S.S.R. economy and party guidance of the national economy] Razvitie ekonomiki SSSR i partiinoe rukovodstvo narodnym khoziaistvom; doklad na Plenume TsK KPSS 19 noiabria 1962 goda. Moskva, Gospolitizdat, 1962. 111 p.

KIM, IL. [The seven-year plan for the development of the Korean national economy in 1961-1967] O semiletnem plane razvitila narodnogo khoziaistva KNDR na 1961-1967 gg., doklad na IV s"ezde Trudovoi partii Korei. [n.p.] 1961. 111 p.

KIRILLOV, M. V., and IU. A. SHCHERBAKOV, eds. [Krasnoyarsk Territory; natural and economic geographical regionalization] Krasnoiarskii krai, prirodnoe i ekonomiko-geograficheskoe raionirovanie. [Krasnoiarsk] Krasnoiarskoe knizhnoe izd-vo, 1962. 401 p.

KLIUCHNIKOV, B. F. [Fifth column in the trade unions of the Federal Republic of Germany] Piataia kolonna v profsoiuzakh FRG. [Moskva] Profizdat, 1962. 125 p.

KOLGANOV, I. P. [Aid for the Factory and Plant Local Committee on pension problems] V pomoshch' komisii FZMK po pensionnym voprosam. [Moskva] Profizdat, 1962. 62 p. (Bibliotechka profsoiuznogo aktivista, no. 11[35])

KOMMUNISTICHESKAIA PARTIIA SOVETSKOGO SOIUZA. TSentral'nyi Komitet. [Developing the U.S.S.R. economy and reorganizing the party guidance of the national economy, decree of the Plenum of the Central Committee of the CPSU based on the report of Comrade N.S. Khrushchev adopted on November 23, 1962] O razvitii ekonomiki SSSR i perestroike partiinogo rukovodstva narodnym khoziaistvom, postanovlenie Plenuma TsK KPSS po dokladu tovarishcha N.S. Khrushcheva, priniatoe 23 noiabria 1962 goda. Moskva, Gospolitizdat, 1962. 14 p.

KOMMUNISTICHESKAIA PARTIIA SOVETSKOGO SOIUZA. Vysshaia partiinaia shkola. [Economics of construction] Ekonomika stroitel'stva, uchebnik. Moskva, Gospolitizdat, 1962. 542 p.

KONNIK, I. I. [Money in a socialist society] Den'gi v sotsialisticheskom obshchestve. Moskva, Vysshaia shkola, 1962. 110 p.

KOROLEV, S. A. [Development of collective farm property at the present stage of the building of communism in the U.S.S.R.] Razvitie kolkhoznoi sobstvennosti na sovremennom etape kommunisticheskogo stroitel'stva v SSSR. Moskva, Izd-vo VPSh pri TsK KPSS, 1962. 103 p.

KORZHOV, N. M. [Always on duty] Vsegda na postu. [Belgorod] Belgorodskoe knizhnoe izd-vo, 1962. 31 p. (Liudi nashikh dnei)

KOSOROTOV, M. F. [Organization of work and wages on collective farms] Organizatsiia i oplata truda v kolkhozakh. Ioshkar-Ola, Marliskoe knizhnoe izd-vo, 1960. 58 p.

KOSYGIN, A. N. [The 45th anniversary of the Great October Socialist Revolution] 45-ia godovshchina Velikoi Oktiabr'skoi sotsialisticheskoi revoliutsii; doklad na torzhestvennom zasedanii v Kremlevskom Dvortse s"ezdov 6 noiabria 1962. goda Moskva, Gospolitizdat, 1962 30 p.

KOVAL', T. A. [Grain farming in the U.S.S.R.] Zernovoe khoziaistvo SSSR. Moskva, Ekonomizdat, 1962. 319 p.

KOVALEVA, A. F., and others, comps. [Album of visual aids on economics; the section "Socialism"] Al'bom naglliadnykh posobii po politicheskoi ekonomii; razdel "Sotsializm" [Leningrad] Gospolitizdat, 1960. 40 plates (in portfolio)

KOVALEVS'KYI, B.P. [Powerful weapon in the building of communism, the consolidation of the alliance of the laboring class and the collective-farm peasantry in the period of the large-scaled building of communism] Mohutnia syla pobudovy komunizmu; zmitsnennia soiuzu robitnychoho klasu i kolhospnoho selianstva v period rozhornutoho komunistychnoho budivnytstva. Kyiv, Derzhpolitvydav URSR, 1962. 193 p.

KRIVEN', P. V., I. S. DZIUBKO, and V. I. CHUNTULOV, eds. [Economic history of foreign countries] Ekonomicheskaia istoriia zarubezhnykh stran; kurs lektsii. [Kiev] Izd-vo Kievskogo univ.
Pt. 2. [From the 1870's to the present time] Ot 70-kh godov XIX v. do nastoiashchego vremeni. 1961. 387 p.

KUDRIASHOV, R. A. [Distribution of income among budgets] Raspredelenie dokhodov mezhdu biudzhetami, Moskva, Gosfinizdat, 1962. 66 p. (V pomoshch' finansovomu rabotniku)

KUMYKOV, T. KH. [Drawing the Northern Caucasus into the all-Russian market in the 19th century; based on materials of Kabardino-Balkaria, Northern Ossetia and Chechen-Ingushia] Vovlechenie Severnogo Kavkaza vo vserossiiskii rynok v XIX v.; po materialam Kabardino-Balkarii Severnoi Osetii i Checheno-Ingushetii. Nal'chik, Kabardino-Balkarskoe knizhnoe izd-vo, 1962. 199 p.

[THE LATVIAN S.S.R. IN 1961 IN FIGURES] Latviiskaia SSR v tsifrakh v 1961 godu, kratkii statisticheskii sbornik. Riga, Gosstatizdat, Latviiskoe otd-nie, 1962 198 p.

LITHUANIAN S.S.R. Susisiekimo ministerija. [Telephone directory of Vilnius, Kaunas, Klaipeda, Siauliai, Panevezys, Palanga and Druskininkai.] Spisok abonentov telefonnykh setei; gor. gor.: Vil'nius, Kaunas, Klaipeda, Shiauliai, Panevezhis, Palanga, i Druskininkai, 1961. Vil'nius, izd. Vilniusskoi gor. telefonnoi stantsii, 1961. 267 p. [MICROFILM]

LIUBIMOV, I. M. [The farthest corner; the Far East is the territory of countless riches] Samyi dal'nii; Dal'nii Vostok - krai nesmetnykh bogatstv. Moskva, Izd-vo "Znanie," 1962. 38 p (Novoe v zhizni, nauke, tekhnike. XII Serila: Geologiia i geografiia, no. 17)

LORANOV, V. I. [Class struggle in capitalist countries] Klassovye bitvy v stranakh kapitala. Moskva, Izd-vo "Znanie," 1962. 46 p. (Novoe v zhizni, nauke, tekhnike. VII Serila. Mezhdunarodnaia, no. 21)

LUTOV, N. I., and N. E. SADOVOI, comps. [Kherson Province in facts and figures] Khersonskaia oblast' v tsifrakh i faktakh; materialy dlia propagandistov i agitatorov. [Kherson] Khersonskoe knizhno-gazetnoe izd-vo, 1960. 167 p.

L'VOV. UNIVERSYTET. [Social and economic sciences, collected works of the graduate students of the departments of social sciences] Sotsial'no-ekonomichni nauki; zbirnyk robit aspirantiv kafedr suspil'nykh nauk. [L'viv], 1961. 244 p.

MAKAROVA, N. F. [Discussions of newlyweds on love and marriage] Disputy molodozhenov o liubvi i brake. Moskva, Izd-vo "Znanie," 1962. 30 p. (Novoe v zhizni, nauke, tekhnike. X Serila. Molodezhnaia, no. 21)

MAKSIMOV, A. A., and M. M. CHUGREEVA. [Technological progress and material self-interest] Tekhnicheskii progress i material'naia zainteresovannost'. [Moskva] Mosk. rabochii, 1962. 68 p.

MASHENKOV, V. F. [Ways for increasing labor productivity in agriculture] Puti povysheniia proizvoditel'nosti truda v sel'skom khoziaistve. Moskva, Ekonomizdat, 1962. 66 p. (Ekonomicheskoe samoobrazovanie)

MATSIUSHENKA, I. D. [Postwar efforts of the Communist Party of White Russia to restore and develop White Russian industry, 1946-1950] Kamunistychnaia partyia Belarusi u barats'be za adnaulenne i razvitsiae pramyslovastsi u pasliavaennyia hady, 1946-1950. Minsk, Dziarzh. vyd-va BSSR, Red. satsyial'na-ekan. lit-ry, 1962. 166 p.

MEN'SHYKOV, V. P. [National income and its distribution in the U.S.S.R.] Natsional'nyi dokhod i ioho rozpodil v SRSR. Kyiv, Derzhpolitvydav URSR, 1962. 36 p. (Na dopomohu vyvchaiuchym materialy XXII s'izdu KPRS)

MITROKHIN, L. N. [American mirages] Amerikanskie mirazhi. [Moskva] Molodaia gvardiia, 1962. 317 p.

MOSCOW. AKADEMIIA OBSHCHESTVENNYKH NAUK. [Developing economic theory in the light of the decisions of the 22d Congress of the CPSU] Razvitie ekonomicheskoi teorii v svete reshenii XXII s"ezda KPSS. Pod red. Kuz'minova I. I., Lebedeva V. G., Smoldyreva D. A. Moskva, Izd-vo VPSh i AON, 1962. 240 p.

MOSCOW. VYSSHAIA SHKOLA PROFESSIONAL'NOGO DVIZHENIIA. Kafedra istorii profdvizhenila. [History of the trade-union movement abroad from the 1760's to 1939] Istorila profsoiuznogo dvizhenila za rubezhom, s 60-kh gg. XVIII v. do 1939 g. [Moskva] Profizdat, 1962. 591 p.

MURADOV, ATA. [Voluntary policemen] Narodnye druzhiny Ashkhabad, Turkmengosizdat, 1961 34 p.

NAIDENKO, O. K., and P. P. PETROV. [Amortization of marine engines and mechanisms] Amortizatsiia sudovykh dvigatelei i mekhanizmov. Leningrad, Sudpromgiz, 1962. 287 p.

NASYROVA, N. [Development of the material and technical base of the collective farms in Uzbekistan] Uzbekistan kolkhozlarining moddiitekhnika bazasi rivozhlanishda. Toshkent, "Kizil Uzbekistan," "Pravda Vostoka" va "Uzbekistoni Surkh" birlashgan nashrieti, 1961. 39 p. [In Uzbek]

NEDELIN, S. I. [Analysis of the economic operations of agricultural enterprises] Analiz khoziaistvennoi deiatel'nosti sel'skokhoziaistvennykh predpriiatii. Moskva, Sel'khozizdat, 1962. 271 p.

NESTERENKO, O. O. [Industrial development in the Ukraine] Rozvytok promyslovosti na Ukraini. Kyiv, Vyd-vo Akad. nauk URSR.
Part 2. [Economic preparations for the Great October Socialist Revolution; factory and plant production] Ekonomichna pidhotovka Velikoi Zhovtnevoi sotsialistychnoi revoliutsii; fabrychno-zavoda'ke vyrobnytstvo. 1962. 570 p.

NOVIKOV, I. D., and A. G. RYZHKOV. [Efficient organizers of the masses] Boovye organizatory mass; iz opyta partiinoi raboty. Moskva, Sovetskaia Rossiia, 1962 63 p (Reshenila XII s"ezda KPSS - v zhizn')

NOVIKOVA, L. I. [Critical evaluation of present-day bourgeois sociology] Kritika sovremennoi burzhuaznoi sotsiologii, uchebnoe posobie po kursu "Istoricheskii materializm." Moskva, Mosk. inzhenerno-ekon. in-t im. Sergo Ordzhonikidze, 1961. 27 p.

NOVOSELOV, V. I. [Illuminated meridians] Ozarennye meridiany. Moskva, Gospolitizdat, 1962. 174 p. (Stranitsy nashoi zhizni)

ORUZHEINYI ZAVOD, Tula. [Tula Gun Factory, 1712 - 1962] Tul'skii oruzhеinyi zavod, 1712-1962 [Tula, Tul'skoe knizhnoe izd-vo, 1962.] 31 p. illus.

PALYVODA, S., ed. [The most important objective of the party] Naiholovnisha turbota partii. L'viv, Knyzhkovo-zhurnal'no vyd-vo, 1960. 107 p.

PANEVIN, V. S., and M. M. POLTUL'NYTS'KYI. [Standard bearers of communist labor] Praporonostsi komunistychnoi pratsi. [L'viv] L'vivs'ke knyzhkovo-zhurnal'no vyd-vo, 1961. 53 p. (Rishennia XXII s'izdu KPRS - v diiu)

PANKOV, K. A. [Economic geography; program, methodological instructions and control exercises for the correspondence school students attending secondary specialized economics schools] Ekonomicheskaia geografiia, programmy, metodicheskie ukazaniia i kontrol'nye zadaniia dlia uchashchikhsia zaochnykh srednikh spetsial'nykh uchebnykh zavedenii ekonomicheskikh spetsial'nostei. Moskva, Gos. izd-vo "Sovetskaia nauka," 1960. 64 p.

PASHKEVICH, O. N., and E. A. LUTOKHINA. [When you work for society you work for yourself] Trud dlia obshchestva - trud dlia sebia. Minsk, 1962. 31 p. (Obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii Belorusskoi SSR, no. 17)

PASHKEVICH, O. N., and S. I. LUKASHEVICH. [We are building communism] My stroim kommunizm. Minsk, Izd-vo Akad. nauk BSSR, 1962. 199 p.

PAVLOV, S. E. [Communist Youth League as the university of social training] Komsomol - universitet vospitaniia. [Moskva] Molodaia gvardiia, 1962. 78 p. (Komsomol'skomu aktivistu)

PODGORODETSKII, I. A., and A. V. RAZGOVOROV. [Telecommunication statistics] Statistika sviazi. Moskva, Svinz'izdat, 1962. 326 p.

POLEZHAEV, V. N. [Foreign trade as an important factor of peaceful coexistence] Vneshniaia torgovlia - vazhnyi faktor mirnogo sosushchestvovaniia. Moskva, Vneshtorgizdat, 1962. 58 p.

POLIAKOVA, N. A [Principal path of the development of agriculture] Glavnyi put' razvitiia sel'skogo khoziaistva . Moskva, Izd-vo "Znanie," 1962. 36 p. (Novoe v zhizni, nauke, tekhnike. III Seriia: Ekonomika, no 22)

POL'SHIKOV, P. I. [Economic expansion of West Germany in Africa] Ekonomicheskaia ekspansiia Zapadnoi Germanii v Afrike. Moskva, Izd-vo IMO, 1962. 224 p.

PONOMAREV, D. K. [The U. S. A. and Africa, U S imperialism is the mainstay of colonism in Africa] SShA i Afrika; imperializm SShA - opiot kolonializma v Afrike. Moskva, Izd-vo "Znanie," 1962. 18 p (Novoe v zhizni, nauke, tekhnike. VII Seriia: Mezhdunarodnaia, no. 19)

POSTNIKOVA, N. V , and M. N PARASII [Collective-farm accounting balance and its analysis] Bukhgalters'kyi balans kolhospu i joho analiz Kyiv, Derzhsil'hospvydav URSR, 1962. 106 p.

POTEKHIN, L. V., I. B. ROZENFEL'D, and N. E. ITIN. [Planning expenditures for social and cultural measures] Planirovanie raskhodov na sotsial'no-kul'turnye meropriiatiia. Moskva, Gosfinizdat, 1962. 286 p.

[PROPAGANDA OF PROGRESSIVE EXPERIENCE IN CLUBS] Propaganda peredovogo opyta v klubakh Moskva, Sovetskaia Rossiia, 1962. 95 p (Bibliotechka sel'skogo klubnogo rabotnika, no. 5)

PROSTOMOLOTOV, F. [Reorganization of industrial management and prospects for industrial development in the Moldavian S. S. R. during the seven-year plan] Peresiroika upravleniia promyshlennost'iu Moldavskoi SSR i perspektivy ee razvitiia v semiletke. Kishinev, Gos. izd-vo "Kartia moldovenieske," 1960. 59 p. [MICROFILM]

RUSSIA (1917- R. S. F. S. R.) Sverdlovskii ekonomicheskii administrativnyi raion. Sovet narodnogo khoziaistva. [Lumbering industry of the Sverdlovsk Economic Council] Lesnaia promyshlennost' Sverdlovskogo sovnarkhoza; sbornik statei. Sverdlovsk, Tsentr. biuro tekhn informatsii, 1960. 139 p.

RUSSIA (1923- U. S. S. R.) Gosudarstvennaia planovaia komissiia. [Methodology for determining the economic efficiency of introducing new machinery, mechanization and automation of industrial production processes. Approved by the State Planning Commission of the U. S. S. R. on December 9, 1961] Metodika opredeleniia ekonomicheskoi effektivnosti vnedreniia novoi tekhniki, mekhanizatsii i avtomatizatsii proizvodstvennykh protsessov v promyshlennosti. Utverzhdeno 9 dekabria 1961 g. Moskva, Izd-vo Akad. nauk SSSR, 1962. 45 p.

RUSSIA (1923- U. S. S. R.) Gosudarstvennyi komitet po delam stroitel'stva. [Collection of supplements, clarifications and corrections to standard district estimates for construction work] Sbornik dopolnenii, raz"iasnenii i popravok k edinym rationnym edinichnym rastsenkam na stroitel'nye raboty. Moskva, Gosstroiizdat.
No. 8. 1962. 91 p.

RUSSIA (1923- U. S. S. R.) Ministerstvo putei soobshcheniia. [Methodological instructions on calculating the costs of railroad transportation] Metodicheskie ukazaniia po kal'kuliatsii sebestoimosti zheleznodorozhnykh perevozok. Moskva, Transzheldorizdat, 1962. 94 p.

SABSOVICH, R. [The trade-union movement in Africa] Profsoiuznoe dvizhenie v Afrike, materialy k loktsii po kursu istorii profsoiuznogo dvizheniia za rubezhom dlia studentov zaochnogo otdeleniia. Leningrad, Leningr. vysshaia shkola profdvizheniia VTsSPS, 1962. 38 p.

SAVCHENKO, S. G. [Man is the most important productive force of human society] Liudyna - holovna produktyvna syla suspil'stva. Kyiv, Tovarystvo dlia poshyrennia polit. i naukovykh znan' URSR, 1962. 43 p.

SCHNEIDER, HEINRICH. [Intercollective farm organizations and their legal status in the Estonian S. S. R.] Kolhoosidevahelised organisatsioonid ja nende oigusilik seisund Eesti NSV-s. Tallinn, Eesti Riiklik Kirjastus, 1961. 121 p. [In Estonian]

SHCHEPROV, S. V., comp. [Concise history of the labor movement in Russia, 1861-1917] Kratkaia istoriia rabochego dvizheniia v Rossii, 1861-1917 gody. Moskva, Gospolitizdat, 1962. 688 p.

SHIFRIN, S. M , R. N ZEL'DOVICH, and P. M DANILOV. [The economics of water supply and sewerage management and construction] Ekonomika vodoprovodo-kanalizatsionnogo khoziaistva i stroitel'stva. Pod obshchei red. S. M Shifrina Moskva, Izd-vo M-va kommun. khoz. RSFSR, 1962. 357 p.

SKACHKOV, S. A., V. SERGEEV, and G. SHEVIAKOV. [Aid and cooperation in the name of peace, Soviet economic cooperation with the countries of Asia, Africa, and Latin America] Pomoshch' i sotrudnichestvo vo imia mira, ekonomicheskoe sotrudnichestvo SSSR so stranami Azii, Afriki i Latinskoi Ameriki. Moskva, Gospolitizdat, 1962. 64 p. (Bibliotechka vneshnei politiki SSSR)

SMOLIANSKII, V. G. [Criticism of bourgeois "theories" of the Soviet planned economy] Kritika burzhuaznykh "teorii" o sovetskom planovom khoziaistve. Moskva, Gos. izd-vo "Vysshaia shkola," 1962 94 p.

SOCHINSKII, A. R. [Principles of the organization of an industrial enterprise] Osnovy organizatsii promyshlennogo predpriiatiia, uchebnoe posobie dlia kursov podgotovki i povysheniia kvalifikatsii bukhgalterov promyshlennosti Izd. 2 , perer. i dop. Pod red. P. IA. Vlasova Moskva, Ekonomizdat, 1962 323 p

SVESHNIKOVA, E. A. [Development of communist domestic relations] Kommunizm vkodit v sem'iu. Simferopol', Krymizdat, 1962. 55 p. (Kodeks kommunisticheskoi morali)

[TODAY AND TOMORROW; facts and figures about the standard of living of the Soviet people] Segodnia i zavtra, tsifry i fakty ob urovne zhizni Sovetskogo naroda. Moskva, Gospolitizdat, 1962. 120 p.

TOMILIN, V. K. [Let us introduce new and progressive methods] Novoe, peredovoe - v zhizn'. Simferopol', Krymizdat, 1962. 22 p. (Programma kommunizma - v deistvii)

TRAKHTENGERTS, A. IA. [Accounting for capital investments and capital construction] Bukhgalterskii uchet kapital'nykh vlozhenii i kapital'nogo stroitel'stva. Pod red. F. A. Moskovskogo. Moskva, Gosenergoizdat, 1962 565 p.

TSYGANOV, V. M. [Work of patrons in the country] Shefskaia rabota na sele. [Moskva] Profizdat, 1962. 62 p. (Bibliotechka profsoiuznogo aktivista, no 21(45)

[TWO WORLDS] Dva svity. L'viv, Knyzhkovo-zhurnal'ne vyd-vo, 1960. 173 p.

[TWO WORLDS, TWO CULTURES] Dva svity - dvi kul'tury L'viv, Knyzhkovo-zhurnal'ne vyd-vo, 1962. 190 p (Na dopomohu propagandystam i agitatoram)

UDACHIN, S. A., ed. [Planning land utilization] Zemleustroitel'noe proektirovanie. Izd. 4., perer. i dop Moskva, Sel'khozizdat, 1962. 403 p.

UKRAINE. Arkhivnoe upravlenie. [Condition of Lvov workers, 1917-1939] Stanovyshche trudiashchykh L'vova, 1917-1939; dokumenty ta materialy. L'viv, Knyzhkovo-zhurnal'ne vyd-vo, 1961. 443 p

USHAKOVA, D. V. [Collected problems on general statistical theory] Zbirnyk zadach z zahal'noi teorii statystyky. Kharkiv, Vyd-vo Kharkivs'koho univ., 1962. 190 p.

VACHNADZE, K. F. [The key to victory] Kliuch k pobede. Moskva, Izd-vo "Znanie," 1962. 38 p. (Narodnyi universitet kul'tury. Tekhniko-ekonomicheskii fakul'tet, no.10)

VASIL'EV, V. V., M. M. KARAMAN, and N. P. PANEVSKII. [Collective farm on the upsurge] Kolkhoz na pod"eme. Simferopol', Krymizdat, 1962. 30 p.

VISHNEVSKII, D. S., and others. [Kur-Urmiyskiy District; nature and economy] Kur-Urmiiskii raion; priroda i khoziaistvo. Khabarovsk, Priamurskii filial geogr. ob-va SSSR, 1958. 117 p.

VITKOVS'KYI, A. M. [Labor productivity is the main thing for the victory of communism] Produktyvnist' pratsi - holovne dlia peremohy komunizmu. Kyiv, Derzhpolitvydav URSR, 1962. 43 p. (Na dopomohu vyvchaiuchym materialy XXII s'izdu KPRS)

VOLOBUEV, P. V [Economic policy of the Provisional Government] Ekonomicheskaia politika Vremennogo pravitel'stva Moskva, Izd-vo Akad. nauk SSSR, 1962 482 p.

VYRYPAEV, A. M., and N. V LUTAI [Primary organization of a scientific and technical society] Pervichnaia organizatsiia nauchno-tekhnicheskogo obshchestva Izd-vo Profizdat, 1962 62 p. (Bibliotechka profsoiuznogo aktivista, no.30[44])

[WE SHALL LIVE UNDER COMMUNISM] Budem zhit pri kommunizme [Belgorod] Belgorodskoe knizhnoe izd-vo, 1962. 57 p

ZAGLADA, N. G., I. D LEONOV, and V. A KARPINSKII [Soviet people are the builders of communism] Sovetskie liudi - tvortsy kommunizma. Moskva, Gospolitizdat, 1962. 30 p.

ZHIL'TSOV, D. P. [Organization of the administration of socialist enterprises] Kak organizovano upravlenie sotsialisticheskimi predpriiatiiami. IUzhno-Sakhalinsk, Sakhalinskoe knizhnoe izd-vo, 1961. 29 p. (V pomoshch' slushateliam nachal'nykh ekonomicheskikh shkol i kruzhkov)

ZITMANIS, AUGUSTS, and B I MOZDUKHOV [Make use of potentials, put a stop to losses] Dorogu rezervam, zaslon poteriam. [Moskva] Molodaia gvardiia, 1961. 63 p. illus. (Komsomol'skomu aktivistu).
(MH)

ZMAGA, P. I. [For the further development of industry] Za dal'neishee razvitie promyshlennosti, iz opyta Khar'kovskogo administrativnogo ekonomicheskogo raiona. [Khar'kov] Khar'kovskoe knizhnoe izd-vo, 1962. 35 p

ZONTOV, E. G. [Financial interrelations of collective farms with the state] Finansovye vzaimootnosheniia kolkhozov s gosudarstvom. Minsk, Sel'khozgiz BSSR, 1962. 77 p.

ZUBREV, L. P. [More production per unit of equipment] Bol'she produktsii s edinitsy oborudovaniia. [Moskva] Mosk. rabochii, 1962. 38 p. (Novatory semiletki)

6. POLITICAL SCIENCE

AKADEMIIA NAUK SSSR. Institut gosudarstva i prava. [Theory of the state and law, basic principles of the Marxist-Leninist theory of the state and law] Teoriia gosudarstva i prava, osnovy marksistsko-leninskogo ucheniia o gosudarstve i prave. Pod red. P. S. Romashkina, M. S. Strogovicha, V. A. Tumanova. Moskva, Izd-vo Akad. nauk SSSR, 1962. 533 p

ALEKSANDRENKO, G. V. [Bourgeois federalism; a critical evaluation of bourgeois federations and bourgeois theories of federalism] Burzhuaznyi federalizm; kriticheskii analiz burzhuaznykh federatsii i burzhuaznykh teorii federalizma. Kiev, Izd-vo Akad. nauk USSR, 1962. 354 p.

BABKOV, I. V. [Local organs of state rule] Mestnye organy gosudarstvennoi vlasti. Tashkent, Goslzdat, UzSSR, 1962. 61 p.

BATTIN, M. I. [From the dictatorship of the proletariat to communist communal self-government] Ot diktatury proletariata - k kommunisticheskomu obshchestvennomu samoupravleniiu. [Saratov] Saratovskoe knizhnoe izd-vo, 1962. 65 p. (Reshenila XXII s"ezda KPSS - v zhizn')

BAKHSHIEV, D. IU. [The Party Bureau as an organ of collective leadership] Partbiuro - organ kollektivnogo rukovodstva. [Moskva] Mosk. rabochii, 1962. 37 p. (Bibliotechka sekretaria Parторganizatsii)

BARMENKOV, A. I. [Ideological commissions of the party committees] Ideologicheskie komissii partiinykh komitetov. Moskva, Izd-vo "Sovetskaia Rossiia," 1962. 26 p (Reshenila XXII s"ezda KPSS - v zhizn')

BONDAREVSKII, G. L. [Portuguese colonizers are the enemies of African peoples] Portugal'skie kolonizatory - vragi narodov Afriki. Moskva, Gospolitizdat, 1962. 102 p. (Afrika segodnia)

BRATUN', R. A. [Man spreads his wings; sociopolitical writings] Liudyna rozpravliaie kryla; publitsystyka. L'viv, Knyzhkovo-zhurnal'ne vyd-vo, 1961. 101 p.

[CUBA - YES!] Kuba - da! Moskva, Izd-vo "Pravda," 1962 77 p (Biblioteka "Komsomol'skoi pravdy," no. 11)

DORKIN, V. R. [How to prepare and conduct a party meeting] IAk padrykhtavats' i pravesti partyiny skhod. Minsk, Dzlarzh. vyd-va BSSR. Red. masava-polit. lit-ry, 1962. 23 p. (U dapamohu sakrataru plarvichnai partarganizatsyi)

EMEL'IANOV, V. S. [Responsibility of scientists] Ob otvetstvennosti uchenykh. Moskva, Izd-vo "Znanie," 1962 37 p (Novoe v zhizni, nauke, tekhnike IX Serila. Fizika i khimila, no 21)

ESTONIAN S. S. R. Ulemnoukogu. [Verbatim report of the third session of the Fifth Supreme Soviet of the Estonian S S. R., August 18-19, 1960] Eesti NSV Ulemnoukogu viienda koosseisu, kolmas istungjark, 18-19 augustil 1960, stenogramm. Tallinn, Eesti Riiklik Kirjastus, 1960 120 p [In Estonian]

FEDOSEEV, A. S. [Democratic centralism is the Leninist principle of the organization of the Soviet state apparatus] Demokraticheskii tsentralizm - leninskii printsip organizatsii sovetskogo gosudarstvennogo apparata, istoricheskii ocherk. Moskva, Gosiurizdat, 1962. 244 p

GEORGIA. (Transcaucasia). Verkhovnyi Sovet [Meetings of the Fifth Supreme Soviet of the Georgian S. S. R., second session, November, 25-26, 1959, verbatim report] Zasedaniia Verkhovnogo Soveta Gruzinskoi SSR piatogo sozyva, vtoraia sessiia, 25-26 noiabria 1959 goda. Stenograficheskii otchet. [Tbilisi] Izd. Prezidiuma Verkhovnogo Soveta Gruzinskoi SSR, 1960 231 p.

GERASIMENKO, G. G [Work of the Communist Party in drawing the working masses into participating in the government during the years of the first five-year plan, 1928-1932] Rabota KPB po vovlecheniiu trudiashchikhsia mass v upravlenie gosudarstvom v gody pervoi piatiletki, 1928-1932 gg. Minsk, Izd-vo M-va vysshego, srednego spetsial'nogo i profcssional'nogo obrazovaniia BSSR, 1962. 86 p. (Iz istorii KPB)

HAURYLIUK, V. V [Our epoch is one of turbulent national-liberation revolutions] Nasha epokha - epokha burnykh natsyianal'na-vyzvalenchykh revaliutsyi. Minsk, Dzlarzh. vyd-va BSSR, Red. satsyial'na-ekanamichnai lit-ry, 1962. 80 p. (Hutarki ab noval pragrame KPSS)

[HOW WE PROPAGANDIZE THE DICISIONS OF THE 22d CONGRESS OF THE CPSU IN CLUBS] Propaganda reshenii XXII s"ezda KPSS v klube; iz opyta raboty. Moskva, Izd-vo Sovetskaia Rossiia, 1962 110 p (Bibliotechka sel'skogo klubnogo rabotnika, no. 9)

IAKAULEVICH, P. R. [How to control the execution of assignments] Ab pravertsy vykanannia. Minsk, Dzlarzh. vyd-va BSSR. Red. masava-palit. lit-ry, 1962. 27 p. (U dapamohu sakrataru plarvichnai partiarganizatsyi)

IVANOV, N. T. [International significance of the 22d Congress of the CPSU] Mezhdunarodnoe znachenie XXII s"ezda KPSS. Minsk, 1962. 30 p. (Obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii Belorusskoi SSR, no. 14)

KAMMARI, M. D. [To complete unity; development and rapprochement of the nations of the U S. S. R. on the way to communism] K polnomu edinstvu, o rastsvete i sblizhenii natsii SSSR na putiakh k kommunizmu. Moskva, Izd-vo "Znanie," 1962. 31 p. (Novoe v zhizni, nauke, tekhnike. I Serila: Istorila, no. 21)

KAPICH, N. F. [Ideological work is a powerful weapon in the struggle for communism] Ideologicheskaia rabota - moguchaia sila v bor'be za kommunizm. Minsk, 1962. 37 p. (Obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii Belorusskoi SSR, no. 15)

KARPOV, M. P., and G. B BROVARSKII, [Party information] Partiinaia informatsiia. Moskva, Gospolitizdat, 1962. 53 p. (Voprosy partiinogo stroitel'stva)

KATSMAN, V. IA. [Tanganyika] Tangan'ika, 1946-1961. Moskva, Izd-vo vostochnoi lit-ry, 1962. 146 p.

KERIMOV, D. A., ed. [State and communism; some problems on the theory of state and law in the contemporary period] Gosudarstvo i kommunizm, nekotorye voprosy teorii gosudarstva i prava v sovremennoi period. Sbornik statei. Moskva, Gosiurizdat, 1962. 193 p.

KHRUSHCHEV, N. S. [Communist tomorrow and bourgeois lies] Kommunisticheskoe zavtra i burzhuaznye vymysly. Moskva, Ekonomizdat, 1962. 110 p.

KIM, IL-SONG. [Report of the Central Committee of the Korean Workers' Party to the Fourth Party Congress] Otchetnyi doklad TSentral'nogo komiteta Trudovoi partii Korei IV s"ezdu partii. [n. p.] 1961. 164 p.

KRILLOV, A. A. [Prevention of war is the most important problem of our time] Predotvrashchenie voiny - vazhneishaia problema sovremennosti. Moskva, Sotsekgiz, 1962, 113 p.

KOMMUNISTICHESKAIA PARTIIA SOVETSKOGO SOIUZA. Vysshaia partiinaia shkola. [Problems concerning the political organization of Soviet society during the large-scale building of communism] Voprosy politicheskoi organizatsii sovetskogo obshchestva v period razvernutogo stroitel'stva kommunizma. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1962. 429 p.

KONANAU, I. M. [Structure of the CPSU] IAk pabudavana KPSS. Minsk, Dzerzh. vyd-va BSSR. Red. masava-palit. lit-ry, 1962. 34 p. (Hutarki ab novym Statutse KPSS)

KORIONOV, V. G. [Warmongers] Podzhigateli. Moskva, Gospolitizdat, 1962, 31 p.

KUCHKIN, A. P. [Consolidation of Soviet rule in the rural areas of Kazakhstan, 1920-1929] Sovetizatsiia kazakhskogo aula, 1920-1929 gg. Moskva, Izd-vo Akad. nauk SSSR, 1962. 430 p.

KUTASOV, D. A., and A. I. TER-ZAKHARIAN. [From the "realm of necessity" to the "realm of freedom."] Iz tsarstva neobkhodimosti - v tsarstvo svobody. Moskva, Izd-vo, "Znanie," 1962. 47 p. (Novoe v zhizni, nauke, tekhnike. II Serila. Filosofiia, no. 22)

LEVIN, D. B. [Diplomacy, its essence, methods, and forms] Diplomatiia, ee sushchnost', metody i formy. Moskva, Sotsekgiz, 1962. 174 p.

LITHUANIAN S. S. R. Aukschiausioji Taryba. [Meetings of the Fifth Supreme Soviet of the Lithuanian S. S. R., sixth session, June 26, 1961, verbatim report] Stenograficheskii otchet; shestaia sessiia Verkhovnogo Soveta Litovskoi SSR (piatogo sozyva) 26 iiunia 1961 g. Vil'nius, Gos. izd-vo polit. i nauchn. lit-ry Litovskoi SSR, 1962. 121 p.

MEL'NYCHUK, IU. S. [With the language of the heart; articles, pamphlets, humoresques] Movoiu sertsia; statti, pamflety, humoresky. Kyiv, Derzhlitvydav Ukrainy, 1962. 330 p.

MOREKHINA, G. G., A. E. PAVLOVA, and M. P. RIABOVA. [Communist party of the Soviet Union in the period of the large-scale building of communism] Kommunisticheskaia partiia v period razvernutogo stroitel'stva kommunizma; materialy v pomoshch' lektoram, propagandistam, slushateliam shkol i kruzhkov sети politicheskogo prosveshcheniia. [Moskva] Mosk. rabochii, 1962. 53 p.

ORGANOV, N. N. [The party and the soviets] Partiia i Sovety; lektsii, prochitannye v Vysshei partiinoi shkole pri TsK KPSS Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1962. 65 p. (Partiinoe stroitel'stvo: kurs lektsii)

PARTI COMMUNIST LUXEMBOURGEOIS. [Sixteenth Congress of the Communist Party of Luxembourg, Differdange, December 24-25, 1960] Shestnadtsatyi s"ezd Kommunisticheskoi partii Liuksemburga, g. Differdanzh, 24-25 dekabria 1960 g. Moskva, Gospolitizdat, 1961, 69 p.
(CStmoR)

[THE PARTY ORGANIZATION OF LVOV PROVINCE] L'vivs'ka oblasna partiina organizatsiia; korotkyi narys. L'viv, Knyzhkovo-zhurnal'ne vyd-vo, 1961. 361 p.

PASHKOV, V. I. [For the "city of communist labor,"] Za gorod kommunisticheskogo truda. Simferopol', Krymizdat, 1962. 84 p.

PAULENAK, B. U. [The rights and duties of the Communist] Abviazki i pravy kamunista. Minsk, Dzlarzh. vyd-vo BSSR. Red. masava-palit. lit-ry, 1962. 30 p.

PETRIV, I. M. [Inviting lights of home] Na domashni vohnyk. L'viv, Knyzhkovo-zhurnal'ne vyd-vo, 1962. 14 p. (Nazustrich vyboram do Verkhovnoi Rady SRSR)

PLATONOV, R. P [Ideological work of the Communist Party of White Russia during the period of socialist industrialization, 1926-1929] Ideologicheskaia rabota KPB v gody sotsialisticheskoi industrializatsii, 1926-1929 Nauchn red F. P Shmygov. Minsk, Izd-vo MVSS i PO BSSR, 1962. 86 p. (Iz istorii KPB)

SIZOV, G. F. [Initiative and independent action in party work] Initsiativa i samodeiatel'nost' v partiinoi rabote Moskva, Sovetskaia Rossiia, 1961. 78 p. illus. (Iz opyta partiinoi raboty)
(MH)

SOIUZ BOR'BY ZA OSVOBOZHDENIE NARODOV ROSSII. Munich. Germanskii otdel. [Materials of the Fifth Conference of the German Section of the Union for the Liberation of the Peoples of Russia, October 29-31, 1955] Materialy V-oi konferentsii Germanskogo otdela SBONR, 29-31 okt 1955 g. Munich, 1955. 32 p.
(NNC)

SOIUZ BOR'BY ZA OSVOBOZHDENIE NARODOV ROSSII. Munich. Severo-Amerikanskii otdel [Fifth Conference of the information report about the work of the Union for the Liberation of the Peoples of Russia, held June 11, 1960] Informatsionnoe soobshchenie o rabote 5-i konferentsii Severo-Amerikanskogo otdela SBONR, sostoiavsheisia 11-go iiunia 1960 g New York, 1960. 11, 3 p
(NNC)

[STUDIES ON THE HISTORY OF THE ODESSA PARTY ORGANIZATION] Z istorii Odes'koi partiinoi organizatsii, narysy [Odesa] Odes'ke knyzhkove vyd-vo, 1962. 574 p.

[THE SUN AND TOADS] Solntse i zhaby. [n. p.] Kom-t za vozvrashchenie na Rodinu i rasvitie kul'turnykh sviazei s sootechestvennikami, 1962. 56 p.

SVERDLIN, M. A. [Proletarian internationalism and its basic stages of its development] Proletarskii internatsionalizm i osnovnye etapy ego razvitiia. Moskva, Vysshaia shkola, 1962. 94 p. (Materialy k lektsiiam po filosofii)

TYKHONOVA, IE. A. [The nationalities problem in the political development of the Chinese People's Republic] Natsional'ne pytannia v derzhavnomu budivnytstvi Kitais'koi Narodnoi Respubliky Kyiv, Vyd-vo Akad. nauk URSR, 1962. 120 p.

VILNA. PARTIJOS ISTORIJOS INSTITUTAS. [Leaflets of the Lithuanian Communist Party] Lietuvos Komunistu partijos atsisaukimai. Vilnius, Valstybine politines ir mokslines literaturos leidykla [In Lithuanian]
Vol. 1. 1918-1923 1962. 608 p.
Vol. 2. 1924-1929 1962. 736 p.

[VOLUNTEERS IN PROPAGANDA] Obshchestvennye sily v propagande. [Moskva] Mosk. rabochii, 1962 136 p.

[WITH OUR GAY FRIEND THE DRUM] S veselym drugom - barabanom. [Moskva] Izd-vo "Molodaia gvardiia," 1961. 363 p.

ZASORIN, V. M., and N. F. VIKULIN. [Statutes of the Communist Party of the Soviet Union] Ob Ustave partii. Izd. 2., ispr. Moskva, Izd-vo "Znanie," 1962. 45 p.

ZHDANKO, R., and V. DVARANINAU. [Party assignments] Partyfnae daruchienne. Minsk, Dzlarzh. vyd-va BSSR. Red. masava-palitychnai lit-ry, 1962. 28 p. (U dapamohu sakrataru plarvichnai partorganizatsyi)

7. LAW

CHIGIR, V. F. [Soviet housing law] Sovetskoe zhilishchnoe pravo. Minsk, Izd-vo MVSS i PO BSSR. Pt. 2. 1962. 179 p.

DOMAKHIN, S. A., and V. G. STEPANOV. [In the custody of workers] Obshchestvennoe poruchitel'stvo. Moskva, Gosiurizdat, 1962. 99 p.

GERTSENZON, A. A. [The problem of legality and justice in the French political theories of the 18th century] Problema zakonnosti i pravosudiia vo frantsuzskikh politicheskikh uchenilakh XVIII veka. Moskva, Izd-vo Akad. nauk SSSR, 1962. 316 p.

GOLUBEVA, L. M. [The role of people's assessors in the administration of socialist justice] Rol' narodnykh zasedatelei v osushchestvlenii sotsialisticheskogo pravosudiia. Frunze, Kirgizgosizdat, 1961. 57 p.

KAZAKH S. S. R. Laws, statutes, etc. [Statute of elections to territory, province, district, city, settlement, village, and aul soviets of workers' deputies of the Kazakh S. S. R. Adopted by decree of the Presidium of the Supreme Soviet of the Kazakh S. S. R., October 6, 1950. With amendments introduced by decrees of the Presidium of the Supreme Soviet of the Kazakh S. S. R., December 20, 1954, December 30, 1958, and January 5, 1961] Polozhenie o vyborakh v kraevoi, oblastnye, raionnye, gorodskie, poselkovye, sel'skie i aul'nye Sovety deputatov trudiashchikhsia Kazakhskoi SSR. Utverzhdeno Ukazom Prezidiuma Verkhovnogo Soveta Kazakhskoi SSR ot 20 dekabria 1954 goda, ot 30 dekabria 1958 goda i ot 5 ianvaria 1961 goda. Alma-Ata, Kazakhskoe gos. izd-vo, 1961. 28 p.
[MICROFILM]

KAZAKH S. S. R. Laws, statutes, etc. [Statute on elections to the district (city) people's courts of the Kazakh S. S. R. Adopted by decree of the Presidium of the Supreme Soviet of the Kazakh S. S. R., October 18, 1960] Polozhenie o vyborakh raionnykh (gorodskikh) narodnykh sudov Kazakhskoi SSR. Utverzhdeno Ukazom Prezidiuma Verkhovnogo Soveta Kazakhskoi SSR ot 18 oktiabria 1960 goda. Alma-Ata, Kazakhskoe gos. izd-vo, 1960. 23 p.
[MICROFILM]

KAZANTSEV, N. D., and E. N. KOLOTINSKAIA. [Legal aspects of conservation in the U. S. S. R., a textbook] Pravovaia okhrana prirody v SSSR, uchebnoe posobie. Moskva, Gosiurizdat, 1962. 132 p.

KHARKOV. IURIDICHESKII INSTITUT. [Enhancing the role of the Soviet public in the consolidation of socialist law and order] Ob usilenii roli obshchestvennosti v ukreplenii sotsialisticheskogo pravoporiadka, materialy respublikanskoi konferentsii. Khar'kov, Izd-vo Khar'kovskogo gos. univ., 1961. 94 p.
(CTY-L)

KOLOTINSKAIA, E. N. [Legal aspects of conservation in the U. S. S. R., a textbook for correspondence students of state universities] Pravovaia okhrana prirody v SSSR, uchebnoe posobie dlia studentov-zaochnikov gosudarstvennykh universitetov. Pod red. N. D. Kazantseva. [Moskva] Izd-vo Mosk. univ., 1962. 103 p.

NYZHNYK, V. E. [What Soviet voters should know about elections] Vybortsiam - pro vybory. Kyiv, Derzh. vyd-vo polit. lit-ry URSR, 1961. 34 p.

PYROHOV, S. I. [Collective labor agreements in action] Kolektyvnyi dohovir v dii. Kyiv, Derzhpolitvydav URSR, 1961. 91 p.

RAIKHER, V. K. [Fines imposed for the nonperformance of maritime freight transportation contracts] Shtrafnye санktsii po morskim gruzovym perevozkam. Moskva, Morskoi transport, 1962. 95 p.

[REGULATIONS ON THE REMUNERATION OF WORKERS AND EMPLOYEES] Raschety s rabochimi i sluzhashchimi; sbornik ofitsial'nykh materialov. Moskva, Gosiurizdat, 1962. 380 p.

SAVGIROVA, N. M. [Arrest and other measures of constraint in criminal procedure] Mery presecheniia i inye mery protsessual'nogo prinuzhdeniia; lektsiia po ugolovnomu protsessu dlia studentov vechernego i ochnogo obucheniia. [Moskva] Izd-vo Mosk. univ., 1960. 25 p.

SMIRNOV, IU., and E. VAISMAN. [Housing rights and obligations of Soviet citizens] Zhilishchnye prava i obiazannosti sovetskikh grazhdan. Kishinev, Gos. izd-vo "Kartia moldoveniaske," 1960. 58 p.
[MICROFILM]

SPASOV, B., and A. ANGELOV. [Constitutional law of the People's Republic of Bulgaria. Translated from the Bulgarian] Gosudarstvennoe pravo Narodnoi Respubliki Bolgarii. Pod red. i s vstup. stat'ei D. L. Zlatopol'skogo. Moskva, Izd-vo inostr. lit-ry, 1962. 606 p.

TAJIK S. S. R. Laws, statutes, etc. [Criminal procedure code of the Tajik S. S. R.] Kodeksi murofiayli chinoiatii RSS Tochikiston. Dushanbe, Nashrieti davlatii Tochikiston, 1962. 278 p. [In Tajik]

TIURIN, K. D. [Legal problems relating to the formation of Soviet domestic relations in Uzbekistan, 1917-1938] Formirovanie sovetskoi sem'i v Uzbekistane; pravovye problemy, 1917-1938 gg. Tashkent, Gos. izd-vo Uzbekskoi SSR, 1962. 171 p.

UDMURT A. S. S. R. Laws, statutes, etc. [Statute on elections to district, city, village, and settlement soviets of workers' deputies in the Udmurt A. S. S. R. Adopted by decree of the Presidium of the Supreme Soviet of the Udmurt A. S. S. R., October 3, 1950. With amendments introduced by decrees of the Presidium of the Supreme Soviet of the Udmurt A. S. S. R., December 11, 1954 and January 5, 1959] Polozhenie o vyborakh v raionnye, gorodskie, sel'skie i poselkovye Sovety deputatov trudiashchikhsia Udmurtskoi ASSR. Utverzhdeno Ukazom Prezidiuma Verkhovnogo Soveta Udmurtskoi ASSR ot 3 oktiabria 1950 goda, s izmeneniiami i dopolneniiami, vnesennymi Ukazami Prezidiuma Verkhovnogo Soveta Udmurtskoi ASSR ot 11 dekabria 1954 goda i ot 5 ianvaria 1959 goda. Izhevsk, Udmurtskoe knizhnoe izd-vo, 1961. 30 p.
[MICROFILM]

VAKMAN, E., and I. A. GRINGOL'TS. [Copyright for works of art] Avtorskie prava khudozhnikov. Moskva, Sovetskii khudozhnik, 1962. 282 p.

ZHUKOVA, L. F. [Material liability of state trade workers] Material'naia otvetstvennost' rabotnikov gosudarstvennoi torgovli. Moskva, Gostorgizdat, 1962. 69 p.

8. EDUCATION

AKADEMIIA PEDAGOGICHESKIKH NAUK RSFSR, Moscow. Institut natsional'nykh shkol. [Studying one's native and Russian language in the non-Russian school] Izuchenie rodnogo i russkogo iazyka v nerusskoi shkole, iz opyta raboty uchitelei nachal'nykh klassov. Pod red. N. V. Taldina i E. V. Efremovoi. Moskva, Izd-vo Akad. pedagog. nauk RSFSR, 1962. 50 p. (Pedagogicheskie chteniia)

AKADEMIIA PEDAGOGICHESKIKH NAUK RSFSR, Moscow. Institut vechernikh (smennykh) i zaochnykh srednikh shkol. [Educational work in evening (staggered) schools] Vospitatel'naia rabota v vechernei (smennoi) shkole. Pod red. A. K. Bushli i L. A. Vysotinoi. Moskva, Izd-vo Akad. pedagog. nauk RSFSR, 1962. 125 p. (Pedagogicheskie chteniia)

BARAGUNOV, M. KH. [Learning Russian literary pronunciation in the Kabardian elementary school] Obuchenie russkomu literaturnomu proiznosheniiu v nachal'nykh klassakh kabardinskoi shkoly. Moskva, Izd-vo Akad. pedagog. nauk RSFSR, 1962. 47 p. (Pedagogicheskaia biblioteka uchitelia)

BRUSKOVA, E. S., and S. L. SOLOVEICHIK. [Discussion on discussions] Spor o spore. Moskva, Izd-vo "Znanie," 1962. 30 p. (Novoe v zhizni, nauke, tekhnike. XI Seriia: Pedagogika, no. 21)

CHELPANOVA, O. V., and I. A. FRIDLIAND. [Without repeating students] Bez vtorogodnikov; iz opyta 1-i rostovskoi shkoly. Moskva, Izd-vo "Znanie," 1962. 31 p. (Novoe v zhizni, nauke, tekhnike. XI Seriia: Pedagogika, no. 22)

KITAEV, N. N. [Working with backward students in Russian-language classes] Rabota s uchashchimisia otstaiushchimi po russkomu iazyku. Moskva, Izd-vo Akad. pedagog. nauk RSFSR, 1962. 102 p. (Pedagogicheskaia biblioteka uchitelia)

KOPELEVA, G. P., comp. [Preschool musical education for children; from the practice of Leningrad kindergarten music teachers] Doshkol'noe muzykal'noe vospitanie detei; iz opyta raboty muzykal'nykh rukovoditelei detskikh sadov Leningrada. Leningrad, Muzgiz, 1962. 83 p. (V pomoshch' muzykantu)

OSYPENKO, O. S. [For our children] Dlia nashykh ditei. L'viv, Knyzhkovo-zhurnal'no vyd-vo, 1960. 42 p.

PAVLOV, V. I. [Windows are lighted till midnight] Okna goriat do polunochi. Moskva, Izd-vo "Znanie," 1962. 37 p. (Novoe v zhizni, nauke, tekhnike. XI Seriia: Pedagogika, no. 23)

PIDKASISTYI, P. I. [N. K. Krupskaia on the educational contents in the Soviet school] N. K. Krupskaia o soderzhanii obrazovaniia v sovetskoi shkole. Pod red. I. V. Chuvasheva. Moskva, Uchpedgiz, 1962. 231 p.

PINCHUK, T. D. [Use of pictures for the formation of concepts during the explanatory reading lessons] Vykorystannia maliunka dlia formuvannia poniat' na urokakh poiasniuval'noho chytannia. Kyiv, Radians'ka shkola, 1962. 53 p.

PINT, A. O. [Let's search, invent, and create] Iskat', izobretat', tvorit', o pedagogicheskom masterstve kul'turosvet rabotnika. Moskva, Sovetskaia Rossiia, 1962. 71 p. (Bibliotechka sel'skogo rabotnika, no. 4)

[RECOMMENDED STUDY PLAN FOR THE SCHOOLS OF POLITICAL EDUCATION] Primernyi uchebnyi plan dlia politshkol. Moskva, Gospolitizdat, 1962. 14 p.

REMIZOVA, T. A. [Educational and cultural work in the R. S. F. S. R.; 1921-1925] Kul'turno-prosvetitel'naia rabota v RSFSR; 1921-1925 gg. Moskva, Izd-vo Akad. nauk SSSR, 1962. 254 p.

RUBAKIN, N. A. [How to work on self-education] Kak zanimat'sia samoobrazovaniem. Moskva, Sovetskaia Rossiia, 1962. 125 p.

RUSSIA (1917- R. S. F. S. R.) Ministerstvo prosveshcheniia. [Programs of eight-year schools, foreign languages] Programmy vos'miletnei shkoly, inostrannye iazyki. [Leningrad] Uchpedgiz, 1962. 47 p.

RUSSIA (1917- R. S. F. S. R.) Ministerstvo prosveshcheniia. [Programs for eight-year schools, geography] Programmy vos'miletnoi shkoly, geografiia. Moskva, Uchpedgiz, 1962. 46 p.

RUSSIA (1917- R. S. F. S. R.) Ministerstvo prosveshcheniia. [Programs for eight-year schools; history] Programmy vos'miletnei shkoly; istoriia. Moskva, Uchpedgiz, 1962. 61 p.

RUSSIA (1917- R. S. F. S. R.) Ministerstvo prosveshcheniia. [Programs for eight-year schools; manual training and socially useful work] Programmy vos'miletnei shkoly, trudovoe obuchenie i obshchestvenno poleznyi trud. Moskva, Uchpedgiz, 1962. 87 p.

RUSSIA (1917- R. S. F. S. R.) [illegible] shchenia. [illegible] giz, 1962. 77 p.

RUSSIA (1917- R. S. F. S. R.) Ministerstvo prosveshcheniia. [Programs for grades 3 and 4 of evening (staggered) secondary general schools; the Russian language and arithmetic] Programmy III-IV klassov vechernei (smennoi) srednei obshcheobrazovatel'noi shkoly; russkii iazyk, arifmetika. Moskva, Uchpedgiz, 1962. 29 p.

RUSSIA (1917- R. S. F. S. R.) Ministerstvo prosveshcheniia. [Programs for grades 5-8 of evening (staggered) secondary general schools; biology] Programmy V-VIII klassov vechernei (smennoi) srednei obshcheobrazovatel'noi shkoly; biologiia. Moskva, Uchpedgiz, 1961. 36 p.

RUSSIA (1917- R. S. F. S. R.) Ministerstvo prosveshcheniia. [Programs for grades 5-8 of evening (staggered) secondary general schools; chemistry] Programmy V-VIII klassov vechernei (smennoi) srednei obshcheobrazovatel'noi shkoly; khimiia. Moskva, Uchpedgiz, 1962. 13 p.

RUSSIA (1917- R. S. F. S. R.) Ministerstvo prosveshcheniia. [Programs for grades 5-8 of evening (staggered) secondary general schools; geography] Programmy V-VIII klassov vechernei (smennoi) srednei obshcheobrazovatel'noi shkoly; geografiia. Moskva, Uchpedgiz, 1961. 30 p.

SAMSONOVA, T. V. [Moral education of workers] Nravstvennoe vospitanie trudiashchikhsia. Moskva, Izd-vo "Znanie," 1962. 32 p. (Novoe v zhizni, nauke, tekhnike. II Seriia: Filosofiia, no. 23)

STROEVA, A. S. [Children, motion pictures, and television] Deti, kino i televidenie. Moskva, Izd-vo "Znanie," 1962. 45 p. (Novoe v zhizni, nauke, tekhnike. XI Seriia: Pedagogika, no. 6)

SUROVTSEVA, A. V., ed. [Preschool pedagogics] Doshkol'naia pedagogika. Moskva, Uchpedgiz, 1962. 381 p.

TAZHIBAEV, T. T. [The Kazakh school under the Orenburg Border Commission, 1850-1860] Kazakhskaia shkola pri Orenburgskoi pogranichnoi komissii, 1850-1860 gg. Alma-Ata, Kazakhskoe Uchpedgiz, 1961. 38 p.
(MH)

trud riadom idut, iz opyta organizatsii proizvodstvennogo obucheniia v 11-letnei shkole No. 50 g Minska. Minsk, 1962. 31 p. (Obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii Belorusskoi SSR, *no. 20*)

VADIMOV, A. A. [Tricks for all] Fokusy dlia vsekh, repertuarnyi sbornik v pomoshch' uchastnikam khudozhestvennoi samodeiatel'nosti. [*Moskva*] Profizdat, 1962. 310 p.

ZALIKIN, G. A. [Health education of students in boarding schools] Gigienicheskoe vospitanie uchashchikhsia v shkolakh-internatakh, posobie dlia uchitelei i vospitatelei shkol-internatov. Moskva, Uchpedgiz, 1962. 133 p.

9. MUSIC, THEATER & MOTION PICTURES

ANGELOV, KRUM, ed. [Collected articles of Bulgarian music critics. Translated from the Bulgarian] Sbornik statei bolgarskikh muzykovedov. Moskva, Muzgiz, 1962. 227 p.

ARGO, A. M. [The word resounds, sketches and reminiscences] Zvuchit slovo, ocherki i vospominaniia. Moskva, Detgiz, 1962. 100 p. (V mire prekrasnogo)

BELIAEV, V. M. [Old Russian musical notation] Drevnerusskaia muzykal'naia pis'mennost'. Pod obshchei red. S. V. Aksiuka. Moskva, Sovetskii kompozitor, 1962. 132 p.

BELZA, I. F. [R. M. Gliere] R. M. Glier. Moskva, Sovetskii kompozitor, 1962. 61 p. (V pomoshch' slushateliam narodnykh universitetov kul'tury Besedy o muzyke)

BEREZHNYI, I. [The motion-picture actor] Aktor v kino. 2., dop. vyd. Kyiv, Derzh. vyd-vo obrazotvorchoho mystetstva i muzychnoi lit-ry URSR, 1962. 38 p. (*Bibliotechka z pytan' mystetstva: Kino*)

BOBROVSKII, V. P. [Songs and choral works by Shostakovich] Pesni i khory Shostakovicha. Moskva, Sovetskii kompozitor, 1962. 30 p. (V pomoshch' slushateliam narodnykh universitetov kul'tury Besedy o muzyke)

BZHES'KYI, I. IU. [How a motion-picture play is produced] Iak stvoriiuiet'sia khudozhnii kinofil'm. 2., dop. vyd. Kyiv, Derzh. vyd-vo obrazotvorchoho mystetstva i muzychnoi lit-ry URSR, 1962. 43 p. (Bibliotechka z pytan' mystetstva: Kino)

DANILEVICH, L. V. [Book about Soviet music] Kniga o sovetskoi muzyke. Moskva, Muzgiz, 1962. 443 p.

DOBROKHOTOV, B. V. [A. N. Verstovskii and his opera "Askold's grave."] A. N. Verstovskii i ego opera "Askol'dova mogila." Moskva, Muzgiz, 1962. 86 p. (Putevoditeli po operam)

FERMAN, V. E. [The operatic theater] Opernyi teatr, stat'i i issledovaniia. Moskva, Muzgiz, 1961. 357 p.

FREIDKINA, L. M. [Days and years of Vl. I. Nemirovich-Danchenko, a chronicle of his life and works] Dni i gody Vl. I. Nemirovicha-Danchenko; letopis' zhizni i tvorchestva. [Moskva] Vseros. teatral'noe ob-vo, 1962. 641 p.

[FROM THE ARCHIVES OF RUSSIAN MUSICIANS] Iz arkhivov russkikh muzykantov; [trudy Gosudarstvennogo tsentral'nogo muzeia muzykal'noi kul'tury imeni M. I. Glinki]. Moskva, Gos. muzykal'noe izd-vo, 1962. 194 p.

GNESIN, M. F. [Elementary course on practical composition] Nachal'nyi kurs prakticheskoi kompozitsii. Izd. 2., ispr. i dop. Moskva, Muzgiz, 1962. 213 p.

IANKOVSKII, M. O. [The Soviet theater of operetta] Sovetskii teatr operetty; ocherk istorii. Leningrad, Izd-vo "Iskusstvo," 1962. 486 p. illus.

IVANOV, E. P. [T. Khrennikov's opera "In the storm"; an analysis] Opera T. Khrennikova "V buriu"; poiasnenie. Moskva, Sovetskii kompozitor, 1962. 79 p.

KHANOV, B. P., and S. I. VOSKRESENSKII. [Concise guide to instrumentation for popular concert orchestras] Kratkoe rukovodstvo po instrumentovke dlia estradnykh orkestrov. Leningrad, Muzgiz, 1961. 186 p.

[White Russian motion-pictures] Belaruskae kino, karotki narys. Minsk, Vyd-va Akad. navuk BSSR, 1962. 216 p.

KRASNOV, G., comp. [In the rays of dawn; a songbook] V luchakh zari, pesennik. Leningrad, Sovetskii kompozitor, 1962. 95 p.

KREIN, IU. G. [Symphonic works of Maurice Ravel] Simfonicheskie proizvedeniia Morisa Ravelia. Moskva, Muzgiz, 1962. 223 p. (Biblioteka slushatelia *konservatorii*)

KRYZHANIVS'KYI, B. M., and IU. U. NOVYKOV. [The motion-picture director] Rezhyser v kino. 2., dop. vyd. Kyiv, Derzh. vyd-vo obrazotvorchoho mystetstva i muzychnoi lit-ry URSR, 1962. 32 p. (Bibliotechka z pytan' mystetstva: Kino)

KULAKOVSKII, L. V. [How to collect and record folk songs] Kak sobirat' i zapisyvat' narodnye pesni. Moskva, Sovetskii kompozitor, 1962. 48 p. (Massovaia fol'klornaia biblioteka liubitelia muzyki, no. 3)

KYSEL'OV, I. M. [The play and its performance] P'iesa i vystava. 2., dop. vyd. Kyiv, Derzh. vyd-vo obrazotvorchoho mystetstva i muzychnoi lit-ry URSR, 1962. 37 p. (Bibliotechka z pytan' mystetstva: Teatr)

LENINGRAD. GOSUDARSTVENNAIA AKADEMIIA ISKUSSTVOZNANIIA. [Cinematography of Armenia] Kinematografiia Armenii. Moskva, Izd-vo vostochnoi lit-ry, 1962. 345 p.

LENINGRAD. GOSUDARSTVENNYI INSTITUT TEATRA, MUZYKI I KINEMATOGRAFII. [Music of the Soviet ballet] Muzyka sovetskogo baleta; sbornik statei. Moskva, Gos. muzykal'noe izd-vo, 1962. 255 p.

MIKHELIS, V. L. [Beginning lessons for the young pianist] Pervye uroki iunogo pianista, ocherk metodiki obucheniia i vospitaniia. Leningrad, Muzgiz, 1962. 81 p. (V pomoshch' pedagogu-muzykantu)

ORDZHONIKIDZE, G. SH. [Piano sonatas by Prokof'ev.] Fortepiannye sonaty Prokof'eva. Moskva, Muzgiz, 1962. 150 p.

PANKRATOVA, V. A., L. V. POLIAKOVA, and G. M. TSYPIN, eds. [Opera librettos; summary of operatic plots] Opernye libretto, kratkoe izlozhenie soderzhaniia oper. Moskva, Muzgiz, 1962. 799 p.

POLEVYK, V., comp. [Folk songs of Chernigov Province] Narodni pisni Chernihivshchyny. Red. M. Moldavyn. Kyiv, Sovetskii kompozitor, Ukr. respublikans'ke vidditennia, 1961. 54 p.

RAKOVA, E. IA. [Theme of partisan campaigns in works by White Russian composers] Tema partizanskoi bor'by v tvorchestve belorusskikh kompozitorov. Minsk, Gos. izd-vo BSSR, 1961. 43 p.

RATSKAIA, TS. S. [Music and our times] Muzyka i sovremennost'. Moskva, Izd-vo "Znanie," 1962. 39 p. (Novoe v zhizni, nauke, tekhnike. VI Seriia: Literatura i iskusstvo, no. 21)

SHEIN, S. F. Dzhevdet Akhmed Gadzhiev. Moskva, Sovetskii kompozitor, 1962. 52 p.

SOIUZ SOVETSKIKH KOMPOZITOROV AZERBAIDZHANSKOI SSR. [Young composers of Azerbaijan] Molodye kompozitory Azerbaidzhana. Baku, Detizdat, 1961. 71 p.

STANISLAVSKII, K. S. [My life in art] Moia zhizn' v iskusstve. Moskva, Izd-vo "Iskusstvo," 1962. 574 p. (Teatral'nye memuary)

TIME, E. I. [The roads of art] Dorogi iskusstva; literaturnaia zapis' IUriia Aleanskogo. Moskva, Vseroseiskoe teatral'noe obshchestvo, 1962. 304 p. illus. (CtY)

VASIL'EV, P. V. [V. V. Andreev, organizer and leader of the first orchestra of Russian folk instruments, who was born on January 26, 1861 and died on December 27, 1918; on the 100th anniversary of his birth] Organizator i rukovoditel' pervogo russkogo orkestra narodnykh instrumentov V. V. *Andreev, 26. I - 1861 - 27. XII-1918 g.*; k 100-letiiu so dnia rozhdeniia. Irkutsk, Irkutskoe obl. upr. kul'tury, 1961. 20 p.

Kniga dlia liubitelei muzyki. Moskva, Muzgiz, 1962. 166 p.

10. FINE ARTS

DEMOSFENOVA, G. L. [Image of the man of our times in Soviet portrait art] Obraz nashego sovremennika v sovetskom portretnom iskusstve. Moskva, Izd-vo Akad. khudozh. SSSR, 1962. 54 p. (Biblioteka po izobrazitel'nomu iskusstvu dlia studentov universitetov kul'tury, khudozhestvennoi samodeiatel'nosti i shkol'nykh bibliotek)

D'IAKONOVA, N. V. [Art of the peoples of (so-called) Oriental countries in the Hermitage collections] Iskusstvo narodov zarubezhnogo Vostoka v Ermitazhe. Leningrad, Izd-vo Gos. Ermitazha, 1962. 125 p. illus. [In Russian and English]

ERMONSKAIA, V. V. Matvei Genrikhovich Manizer. Moskva, [Izd-vo Akad. khudozh. SSSR] 1961. 217 p. (chiefly illus.)
(CtY)

KHALAMINSKII, IU. IA. [The Soviet poster] Sovetskii plakat. Moskva, Sovetskii khudozhnik, 1961. 63 p. (Besedy ob iskusstve, no. 10)

KOSTIN, V. I. [What is meant by the artistic image] Chto takoe khudozhestvennyi obraz. Moskva, Sovetskii khudozhnik, 1962. 58 p. (Besedy ob iskusstve, no. 11)

KROL', A. E. [English paintings from the 16th to the 19th century in the Hermitage] Angliiskaia zhivopis' XVI - XIX vekov v Ermitazhe. Leningrad, Izd-vo Gos. Ermitazha, 1961. 66 p. plates. [In Russian and English]

LENINGRAD. ERMITAZH. [Exhibition of paintings and drawings by Russian artists of the beginning of the 20th century (from F. F. Notgaft's collection); a catalog] Vystavka kartin i risunkov russkikh khudozhnikov nachala XX veka (iz sobraniia F. F. Notgafta); katalog. Leningrad, 1962. 19 p. illus.

LEONOV, A. I., ed. [Russian art; studies on the lives and works of artists] Russkoe iskusstvo; ocherki o zhizni i tvorchestve khudozhnikov. Moskva, Iskusstvo.
Vol. 1. [Second half of the nineteenth century] Vtoraia polovina devitnadtsatogo veka. 1962. 691 p.

MASLENIKAU, P. V. [Soviet White Russian thematic painting] Belaruski savetski tematychny zhyvapis. Minsk, Vyd-va Akad. navuk BSSR, 1962. 164 p. illus.

MOLEVA, N. M. [Prominent Russian artists and teachers] Vydaiushchiesia russkie khudozhniki-pedagogi. Moskva, Izd-vo Akad. khudozh. SSSR, 1962. 387 p. illus.

MOSCOW. ARKHITEKTURNYI INSTITUT. [Principles of architectural design for public buildings] Osnovy arkhitekturnogo proektirovaniia obshchestvennykh zdanii. Moskva, Gosstroiizdat, 1962. 215 p.

MOSCOW. GOSUDARSTVENNYI MUZEI IZOBRAZITEL'NYKH ISKUSSTV. [Guide to the museum; ancient Egypt, Asia Minor, ancient Greece, ancient Rome] Putevoditel' po muzeiu; Drevnii Egipet, Perednaia Aziia, Drevniaia Gretsiia, Drevnii Rim. Moskva, Iskusstvo, 1962. 147 p. (Iskusstvo Drevnego mira)

[THE PALACE OF CONGRESSES IN THE KREMLIN, sound and light] Kremlevskii Dvorets s"ezdov; zvuk i svet. Moskva, Iskusstvo, 1962. 1 v.

[PHOTOGRAPHY OF THE U. S. S. R.] Fotoiskusstvo SSSR. Moskva, Iskusstvo, 1962. [8] p. illus.

RAKOVA, M. M. [Russian art of the first half of the 19th century] Russkoe iskusstvo pervoi poloviny XIX veka. Moskva, Izd-vo Akad. khudozh. SSSR, 1962. 70 p. (Biblioteka po izobrazitel'nomu iskusstvu dlia narodnykh universitetov kul'tury, khudozhestvennoi samodeiatel'nosti i shkol'nykh bibliotek)

ROSSEIKIN, B. M. [The panorama painting "Siege of Sevastopol."] Panorama "Oborona Sevastopolia." [Gos. izd-vo izobraz. iskus. i muzykal'noi lit-ry USSR, 1961. [6] p. illus.

SEMENOV, A I [The Nereditsa Church] Nereditsa [Novgorod] Knizhnaia redaktsiia gazety "Novgorodskaia pravda," 1962. 25 p.

SHMERLING, R. O. [Architectural decoration and ornament in medieval Georgia] Malye formy v arkhitekture srednevekovoi Gruzii. Tbilisi, Izd-vo Akad. nauk Gruzinskoi SSR, 1962. 113 p.

SMOL'SKAIA, N. F. [Teniers] Teniers. Leningrad, Izd-vo Gos. Ermitazha, 1962. 85 p. plates. [In Russian and French]

TSYRLIN, I. I. [Genres of the fine arts] Zhanry izobrazitel'nogo iskusstva. Moskva, Sovetskii khudozhnik, 1962. 69 p. (Besedy ob iskusstve, no. 9)

UVAROVA, I. P., comp. [Discussions on art painting, graphic arts, sculpture, architecture, applied art] Besedy ob iskusstve: zhivopis', grafika, skul'ptura, arkhitektura, prikladnoe iskusstvo. Moskva, Izd-vo "Sovetskaia Rossiia," 1962. 126 p. (Bibliotechka sel'skogo klubnogo rabotnika, no. 7)

VORONIN, N. N. [Early Russian art] Drevnerusskoe iskusstvo. Moskva, Izd-vo Akad. khudozh. SSSR, 1962. 77 p. (Bibliioteka po izobrazitel'nomu iskusstvu dlia narodnykh universitetov kul'tury, khudozhestvennoi samodeiatel'nosti i shkol'nykh bibliotek)

11. LANGUAGE, LITERATURE & FOLKLORE

ABRAAMIAN, S. G. [Some problems of syntax in the modern Armenian language] Nekotorye voprosy sintaksisa sovremennogo armianskogo iazyka. Erevan, Izd-vo Akad. nauk Armianskoi SSR, 1962. 169 p. [In Armenian]

AKADEMIIA NAUK ARMIANSKOI SSR, Erivan, Institut literatury. [Armenian folk tales] Armianskie narodnye skazki. Pod obshchei red. Iosifa Orbeli. Erevan, Izd-vo Akad. nauk Armianskoi SSR. [In Armenian]
Vol. 3. 1962. 670 p.

AKADEMIIA NAUK SSSR. Institut mirovoi literatury. [Gor'kii readings, 1959-1960] Gor'kovskie chteniia, 1959-1960. Moskva, Izd-vo Akad. nauk SSSR, 1962. 382 p.

AKADEMIIA NAUK SSSR. Institut narodov Azii. [Selected works of Russian Indologist-philologists] Izbrannye trudy russkikh indologov-filologov. Moskva, Izd-vo vostochnoi lit-ry, 1962. 380 p.

AKADEMIIA NAUK URSR, Kiev. Instytut movoznavstva. [Studies in linguistics] Doslidzhennia z movoznavstva; zbirnykh statei aspirantiv i dysertantiv. Kyiv, Vyd-vo Akad. nauk URSR, 1962. 173 p.

AKADEMIIA NAUK URSR, Kiev. Instytut mystetstvoznavstva, fol'kloru i etnografii. [Ukrainian folk literature, riddles] Ukrains'ka narodna tvorchist', zahadky. Kyiv, Vyd-vo Akad. nauk URSR, 1962. 510 p.

AMITROV, G. E. [Studying poets in school] Izuchenie poetov v shkole, A. S. Pushkin, M. Iu. Lermontov, N. A. Nekrasov, V. V. Maiakovskii. Iz opyta uchitelia literatury. Moskva, Uchpedgiz, 1962. 255 p.

AMUSINA, R. M. [Round basket, stories] Kruglaia korzinka, rasskazy. Leningrad, Gos. izd-vo detskoi lit-ry, 1960. 92 p. illus.
(MIDW)

ANDRONIKOV, I. L. [I wish to tell you..., stories, portraits, sketches, articles] IA khochu rasskazat' vam..., rasskazy, portrety, ocherki, stat'i. Moskva, Sovetskii pisatel', 1962. 525 p.

[ANTHOLOGY OF UZBEK POETRY IN 5 VOLUMES] Uzbek She'rlariti antalogiiasi. Toshkent, Uzbekiston SSR davlat badiii adabiet nashrieti, 1961-1962. 5 v. [In Uzbek]

[APPLE BLOSSOM, poetry] IAblunevyi isvit; poezii. L'viv, Knizhkovo-zhurnal'ne vyd-vo, 1961. 179 p.

ARDENTOV, B. P. [Fundamentals of Russian grammar] Osnovy russkoi grammatiki. Kishinev, Gos. izd-vo "Kartia moldoveniasko," 1962. 78 p.

AUEZOV, M. O. [Shot on the mountain pass; a tale. Translated from the Kazakh] Vystrel na perevale; povest'. Moskva, Sovetskii pisatel', 1962. 130 p.

AVDEEV, V. F. [Len'ka Okhnar', tales] Len'ka Okhnar', povesti. Moskva, Sovetskii pisatel', 1962. 533 p.

BARADULIN, RYHOR [Tselinograd, verse. Translated from the White Russian] TSelinograd; stikhi. [Moskva] Molodaia gvardiia, 1961. 86 p. illus.
(MH)

BASENKO, K. A. [Generous souls, stories and tale] Dushevnu shchedri, opovidannia, povist'. Kyiv, Radians'kyi pys'mennykh, 1962. 245 p.
(MH)

BASHILOV, BORIS. [Chief Annakhuta' ruse, an historical story (from the age of the Russian discoveries in northwestern America)] Khitrost' vozhdia Annakhutsa, istoricheskii rasskaz, [iz epokhi otkrytiia russkimi severo-zapadnoi Ameriki]. Buenos Aires, 1951. 29 p.
(MH)

BEDNYI, B. V. [Unchangeable happiness; a tale and stories] Nerazmennoe schast'e; povest' i rasskazy. Moskva, Sovetskii pisatel', 1962. 405 p. illus.
(MH)

BELIAEV, V. P. [Border in flames, tales] Granitsa v ogne; [povesti]. Moskva, Sovetskii pisatel', 1962. 510 p.

BENASHVILI, DMITRII. [The lyric poetry of Galaktion Tabidze. The poetry of Kolau Nadiradze] Lirika Galaktiona Tabidze. Poezii Kolau Nadiradze. Tbilisi, 1961. 102 p. [In Georgian]
(MH)

BIKMUKHAMETOV, R. G. [Musa Dzhalil'; a study of his works] Musa Dzhalil'; ocherk tvorchestva. Moskva, Goslitizdat, 1962. 322 p.

BIRIUKOV, N. Z. [Sea gull; a novel] Chaika, roman. Simferopol', Krymizdat, 1962. 398 p.

BLOKHINA, V. N. [A. M. Gor'kii on the Volga, 1928-1935] A. M. Gor'kii na Volge, 1928-1935 gg. [Gor'kii] Gor'kovskoe knizhnoe izd-vo, 1961. 106 p.

[BOOK OF SONGS] Pesennik. Moskva, Voenizdat, 1962. 255 p.

BRYL', I. A. [Fragment of the rainbow; a tale and stories] Oskolochek radugi, povest' i rasskazy. Moskva, Detgiz, 1962. 150 p.

BYKOV, V. M. [In Jack London's country] Na rodine Dzheka Londona. Moskva, Gos. izd-vo detskoi lit-ry, 1962. 95 p. illus.
(CU-B)

CAZABAN, ALEXANDRU. [Strangers to mercy. Translated from the Rumanian] Chuzhdye miloserdiia. [Bucharest, Red. "Narodnaia Rumyniia"] 1962. 45 p. (Biblioteka "Narodnaia Rumyniia," no. 9)

CHALMAEV, V. A. [Development of literatures of the peoples in the U. S. S. R.] Puti razvitiia literatur narodov SSSR. Moskva, Izd-vo "Znanie," 1962. 45 p. (Narodnyi universitet kul'tury: Fakul'tet literatury i iskusstva, no. 10)

CHORBADZHIISKI, CHUDOMIR. [Humorous stories. Translated from the Bulgarian] IUmoristicheskie rasskazy. Moskva, Goslitizdat, 1962. 180 p.

CHUBINASHVILI, N. D. [Dictionary of the Georgian language with Russian translations] Slovar' gruzinskogo iazyka s russkim perevodom. Red. i issledovanie A. A. Glonti. Tbilisi, Gos. izd-vo "Sabchota Sakartvelo," 1961. 490 p.

CHUKSIN, A. N. [Comrades of a regiment; a tale] Odnopolchane; povest'. Simferopol', Krymizdat, 1962. 315 p.

DALGAT, U. B. [Folklore and literature of the peoples of Daghestan] Fol'klor i literatura narodov Dagestana. Moskva, Izd-vo vostochnoi lit-ry, 1962. 204 p.

DAVYDOV, IURII. [About your friends, Africa] O druz'iakh tvoikh, Afrika. Moskva, Detgiz, 1962. 239 p.

DEMIDENKO, M. I. [Apricot stone; a tale] Abrikosovaia kostochka; povest'. Moskva, Sovetskii pisatel', 1962. 145 p.

DMITRIEVSKII, V. N. [Be ready to go, my dear man, remarks on contemporary drama for children] V put' gotov'sia, chelovek, zametki o sovremennoi dramaturgii dlia detei. Moskva, Izd-vo "Znanie," 1962. 37 p. (Novoe v zhizni, nauke, tekhnike. XI Seriia Pedagogika, no. 24)

DRILINGA, ANTANAS. [Hands and concrete] Rankos ir betonas. Vilnius, Vaistybine grozines literatures leidykla, 1962. 118 p. [In Lithuanian]

DZEVERIN, I. A. [Problem of satire in the aesthetic views of the revolutionary democrats] Problema satiry v revoliutsionno-demokraticheskoi estetike. Kiev, Izd-vo AN USSR, 1962. 237 p.

DZHAFAROV, M. D. [Mirza Alekber Sabir] Mirza Alekper Sabir. Baku, Azerneshr, 1962. 27 p.

ELEONSKII, S. F. [Studying the creative history of literary works] Izuchenie tvorcheskoi istorii khudozhestvennykh proizvedenii, posobie dlia uchitelei. Moskva, Uchpedgiz, 1962. 303 p.

FARUTIN, M. N. [In Zarnytsy] V Zarnitsakh. Moskva, Detgiz, 1962. 78 p.

FEDOROV, V. I. [Pure well, tales] Chistyi kolodez', povesti. Moskva, Goslitizdat, 1962. 66 p. (Roman-gazeta, no. 19(271))

FOLMANIS, ZANIS. [Are you a man, stories. Translated from the Latvian] Chelovek li ty, rasskazy. [Moskva] Molodaia gvardiia, 1962. 207 p. [Publ. under his pseud. Zhan Griva]
(MH)

FORSH, O. D. [Collected works in eight volumes] Sobranie sochinenii v vos'mi tomakh. Moskva, Goslitizdat.
Vol. 1. [The stone-clad] Odety kamnem. 1962. 317 p.

FORSH, O. D. [Radishchev; a trilogy] Radishchev, trilogiia. Moskva, Izd-vo "Izvestiia," 1962. 477 p. (Biblioteka istoricheskikh romanov narodov SSSR)

FRANKO, IVAN. [Boa constrictor. Borislav laughs] Boa constrictor. Borislav smiiet'sia. Kyiv, Derzh. vyd-vo khudozh. lit-ry, 1961. 318 p.
(MIU)

GAIDAENKO, I. P. [Nightingales; stories] Solov'i, rasskazy. L'vov, Knizhno-zhurnal'noe izd-vo, 1962. 86 p. (Bibliotechka opovidan")

GLADILIN, A. T. [Marching ahead, tales] Idushchii vperedi, povesti. [Moskva] Molodaia gvardiia, 1962. 237 p. illus.
(MH)

[GLORY TO OUR CELESTIAL BROTHERS, verse and songs about the Soviet astronauts] Slava nebesnym brat'iam, stikhi i pesni o sovetskikh kosmonavtakh. Moskva, Iskusstvo, 1962. 30 p. (Repertuar khudozhestvennoi samodeiatel'nosti, no. 20)

GLOTOV, V. I. [Communists, a poetic account] Kommunisty, poeticheskii reportazh. [L'vov] L'vovskoe knizhno-zhurnal'noe izd-vo, 1960. 86 p.

GOR'KII, MAKSIM. [Chelkash. Twenty-six men and a girl. Birth of a man] Chelkash. Dvadtsat' shest' i odna. Rozhdenie cheloveka. Moskva, Gos. izd-vo khudozh. lit-ry, 1947. 77 p.
(CU)

GOVOROV, SERGEI. [The Avaric theater] Avarskii teatr. Makhachkala, Dagestanskoe knizhnoe izd-vo, 1960. 41 p. illus.

GRIGORENKO, R. V., comp. [Into space; reader recommended for foreign students of the Russian language] V Kosmos, kniga dlia chteniia, rekomenduemaia studentam-inostrantsam, izuchaiushchim russkii iazyk. Moskva, 1-i Mosk. med. in-t, 1962. 63 p.

GRIGOROVICH, D. V. [Anton Goremyka, a tale] Anton Goremyka; povest. Moskva, Gos. izd-vo detskoi lit-ry, 1956. 127 p.
(IU)

GRIN, M. Z. [Passionate hearts] Plamennye serdtsa. Moskva, Gospolitizdat, 1962. 119 p.

GUBAREV, V. G. [Unusual adventures; tales] Neobyknovennye prikliucheniia; povesti-skazki. [Moskva] Molodaia gvardiia, 222 p.

GUNDRIZER, V. R., and A. S. LANDA. [English language textbook for higher technical schools] Uchebnik angliiskogo iazyka dlia vtuzov. Izd 4 , sokrashchennoe. Moskva, Vysshaia shkola, 1962. 366 p.

GUR'IAN, O. M. [Offense to Little Ê; a historical tale] Obida Malen'kol Ê, istoricheskaia povest'. Moskva, Detgiz, 1962. 175 p.

GUSENKOV, V. P. [Ships enter orbit] Korabli vykhodiat na orbity. [Irkutsk] Irkutskoe knizhnoe izd-vo, 1961. 59 p.
(MH)

HODOVANETS', M P [Fables] Baiky. Kyiv, Derzh. vyd-vo khudozh. lit-ry, 1960. 218 p.
(CU)

HONCHAR, O. T. [Man and weapons, a novel] Chelovek i oruzhie, roman Moskva, Goslitizdat, 1962. 365 p.

IAN, V. G. [Batu; part two of an historical trilogy] Batyi, chast' vtoraia istoricheskoi trilogii. [Kuibyshev] Kuibyshevskoe knizhnoe izd-vo, 1961. 407 p.

IAN, V. G. [Jenghis Khan, part one of an historical trilogy] Chingiz-khan; chast' pervaia istoricheskoi trilogii. [Kuibyshev] Kuibyshevskoe knizhnoe izd-vo, 1961. 338 p.

IANKOUSKI, F. M. [The nature of the language] Pytanni kul'tury movy. Minsk, Vyd-va M-va vysheishai, siaredniai spetsyial'nai i prafesiianal'nai adukatsyi BSSR, 1961. 99 p.

IBRAGIMOV, IBRAGIM. [Wonderful character. Merry stories of Kagir Kazanishchenskii. Translated from the Kumyk] Chudesnyi kharakter; veselye rasskazy Kagira Kazanishchenskogo. [Moskva] Sovetskii pisatel', 1961. 269 p
(MH)

INHUL'S'KYI, P M. [Lvov legend; stories and sketches] L'viva'ka legenda, opovidania ta narysy. L'viv, Knyzhkovo-zhurnal'ne vyd-vo, 1962. 413 p.

ISAKOVSKII, M. V. [Motherland] Rodina. [Moskva] Molodaia gvardiia, 1962. 94 p.

IURMIN, IU. A. [One-thousand and three heroes] 1003 bogatyria. Moskva, Detgiz, 1962. 175 p.

IVANENKO, O. D. [Taras' life, a novel] Tarasovi shliaky; roman. Kyiv, Dytvydav URSR, 1961. 796 p.

IVANOV, A. V. [In the Far East, a novel] Na Dal'nem Vostoke, i oman. Minsk, Gos. izd-vo BSSR, 1962. 365 p. illus.
(MH)

IVANOV, L. I. [Fresh stream] Svezhaia struia. Moskva, Gospolitizdat, 1962. 119 p. (Povesti o delakh i liudiakh partii)

IVANOVA, T. A. [M. IU. Lermontov in the Moscow environs] M. IU. Lermontov v Podmoskov'e. [Moskva] Mosk. rabochii, 1962. 94 p.

IVANOVA, V. F. [Difficult instances in the usage and spelling of the particles "ne" and "ni."] Trudnye sluchai upotrebleniia i pravopisaniia chastits ne i ni." Moskva, Uchpedgiz, 1962. 107 p.

IVANYCHUK, R. I. [Along the beaten path; a novel] Krai bytoho shliakhu; roman. Kyiv, Vyd-vo TsK LKSMU "Molod'," 1962. 416 p.

KALUGIN, IU. A. [He lived among us; a tale about Mickiewicz] On mezhdu nami zhil; povest' o Mitskeviche Simferopol', Krymizdat, 1962. 277 p.

KANDEL', B. L. [Bibliography of Russian bibliographies of foreign belles lettres and literary criticism] Bibliografiia russkikh bibliografii po zarubezhnoi khudozhestvennoi literature i literaturovedeniiu. Leningrad, Publichnaia biblioteka, 1962. 176 p.

KARINTHY, FRIGYES. [Pardon me, Mr. Teacher... Translated from the Hungarian] Izvinite, gospodin uchitel'... Moskva, Detgiz, 1962. 159 p.

KERASHEV, T. M. [Mountain brigand] Abrek. Moskva, Izd-vo "Pravda," 1962. 45 p. (Biblioteka "Ogonek," no. 44)

KHOLENDRO, D. M. [Flying poodle; stories] Letaiushchii pudel'; rasskazy. Moskva, Detgiz, 1962. 77 p.

KIROV. PEDAGOGICHESKII INSTITUT IMENI V. I. LENINA. Kafedra russkogo iazyka [Studies of the Russian language] Ocherki po russkomu iazyku Kirov, [Kirovskoe knizhnoe izd-vo] 1962 181 p.

KISELEV, V. L. [Man is capable, a novel] Chelovek mozhet; roman. Moskva, Sovetskii pisatel', 1962. 325 p.

KOLODII, V. S. [Strength] Syaha. L'viv, Knyzhkovo-zhurnal'ne vyd-vo, 1960. 81 p.

KONDRATOV, A. M. [Mathematics and poetry] Matematika i poeziia. Moskva, Izd-vo "Znanie," 1962. 47 p. (Novoe v zhizni, nauke, tekhnike. IX Seriia: Fizika i khimiia, no. 20)

KOROBITSYN, A. P. [Juan Marcado, avenger from Texas; an historical tale] Khuan Markado - mstitel' iz Tekhasa; istoricheskaia povest'. Moskva, Detgiz, 1962. 238 p.

KOTSIUBYNS'KYI, MYKHAILO. [Works in six volumes] Tvory v shesty tomakh. Kyiv, Vyd-vo Akad. nauk URSR,
Vol. 6. 1962. 490 p.

KOZLOV, V. F. [IUrka Gus'; a tale] IUrka Gus', povest'. Leningrad, Detgiz, 1962 269 p.

KUCHERIAVENKO, V. T. [The "Perekop" sailed southward] "Perekop" ushel na iug. Moskva, Detgiz, 1962. 156 p.

KUNANBAEV, ABAI. [Complete collected works in one volume] Shygarmalarynyn bir tomdyk tolyk zhinagy. Almaty, Kazaktyn Memlekettik Kerkem Edebiet Baspasy, 1961. 692 p [In Kazakh]

KUZ'MINA, V. D. [Digenes Acritas; deeds of valiant men in ancient history] Devgenievo deianie; deianie prezhnikh vremen khrabrykh chelovek. Moskva, Izd-vo Akad. nauk SSSR, 1962. 254 p.

LEONOV, IU. N., comp [Literary Sakhalin; collection of literary pieces by young authors] Literaturnyi Sakhalin; literaturno-khudozhestvennyi sbornik proizvedenii molodykh avtorov. IUzhno-Sakhalinsk, Sakhalinskoe knizhnoe izd-vo, 1960. 149 p.

LORDKIPANIDZE, K. A. [Bride from Kalotubani; stories. Translated from the Georgian] Kalotubanskaia nevesta; rasskazy. Moskva, Izd-vo "Pravda," 1962. 46 p. (Biblioteka "Ogonek," no. 49)

[LU TSUN-CH'AO. [A strong gale; a tale Translated from the Chinese] Shtorm v deviat' ballov; povest'. Moskva, Goslitizdat, 1962. 125 p.

LUCHUK, V. I. [Under the sun; verse] Osonnia; virshi. Kyiv, Molod', 1962. 77 p.

LUNGU, A. D. [Long road. Translated from the Rumanian] Dolgii put'. [Bucharest, Red. "Narodnaia Rumyniia"] 1962. 42 p. (Biblioteka "Narodnaia Rumyniia," no. 10)

LUSHKIN, I. A. [Blacksmiths; Shor legends] Kuznetsy; shorskie legendy. Abakan, Khakasskoe knizhnoe izd-vo, 1962. 14 p.

LYTKIN, V. I., ed. [The Komi-Permyak language; introduction, phonetics, vocabulary, and morphology] Komi-permiatskii iazyk; vvedenie, fonetika, leksika i morfologiia. Uchebnik dlia vysshikh uchebnykh zavedenii. Kudymkar, Komi-permiatskoe knizhnoe izd-vo, 1962. 339 p.

MAIAKOVSKII, V. V. [It's good; a poem of the October Revolution] Khorosho; oktiabr'skaia poema. Moskva, Gos. izd-vo detskoi lit-ry [1950] 125 p. illus., facsims. (Shkol'naia biblioteka dlia nerusskikh shkol)
(IU)

MALANIUK, E. [Logbook; prose] Knyha sposterezhen'; proza. Toronto, Nakl. vyd-va "Homin Ukrainy," 1962. 526 p.

MALIN, A. K. [In satiric orbit] Na satiricheskoi orbite. Simferopol', Krymizdat, 1961. 76 p.

MANDRYKA, HANNA. [Selected works] Vybrane. Z red. Stefanii Bubniuk i Teodory Havryaiyshyn. Peredmova Ol'hi Voitsenko. Winnipeg, Nakladom Kom-tu Ukrainok Kanady, 1962. 104 p.

guarde] Korotkoe zamykanie; rasskazy o pogranichn kakh. Alma-Ata, Kazgoslitizdat, 1962. 125 p.

MARTSELEU, S. V. [How White Russian newspapers helped carry out the decisions of the 20th Congress the CPSU, 1956-February, 1959] Druk Belarusi u barats'be za azhyatsiaiauenne rashennlau XX z'ezd KPSS, 1956-liuty 1959 hh. Minsk, Dziarzh. vyd-va BSSR, 1962. 166 p.

MARTYNOV, L. N [New book] Novaia kniga. [Mosk Mosk. rabochii, 1962] 111 p.

MAUR, IANKA, pseud. [Son of water. In the land of the bird of paradise. Amok] Syn vody. V strane raiskoi ptitsy. Amok Minsk, Gos. izd-vo BSSR. Red. detskoi i iunosheskoi lit-ry, 1962. 522 p.

[MERRY SMOKING SESSION; a repertory collection] Veselyi perekur, repertuarnyi sbornik Moskva, Voenizdat, 1962 154 p.

MIKHALKOV, S. V. [Fables] Basni. Moskva, Sovetskii pisatel', 1946. 87 p. plates.
(CU)

MILANOVA, D. E., comp. [Swedish-Russian dictionary Approximately 62,000 words] Shvedsko-russkii slovar'. Okolo 62 000 slov. Izd. 3. S prilozheniem kratkogo grammaticheskogo ocherka, sost. S. S. Maslovoi-Lashanskoi. Moskva, Gos. izd-vo inostr i natsional'nykh slovarei, 1962. 1057 p.

MISHATKIN, IU. I. [Three stories about Lenin] Tri rasskaza o Lenine. Moskva, Izd-vo "Detskii mir," 1962. 16 p.

MOGILIN, G. M [Texts to be used for exercises in Russian composition for grades 5-7 of the Turkmen school; a teacher's manual] Sbornik statei dlia izlozhenii na russkom iazyke v V-VII klassakh turkmenskoi shkoly, posobie dlia uchitelei Ashgabi Turkmenuchpedgiz, 1961. 89 p.

MONAKHOVA, M. M., and V. P. CHERNYSHEV. [For you, young reporter] Tebe, iunyi korrespondent. [Moskva] Izd-vo "Molodaia gvardiia," 1962. 350 p

MUNTEANU, FRANCISC. [Statues never laugh. Translated from the Rumanian] Statui nikogda ne smeiut Moskva, Izd-vo inostr. lit-ry, 1962. 416 p.

MYKOLAITIS, VINCAS. [Insurgents. Translated fro the Lithuanian] Povstantsy. Moskva, Izd-vo "Iz stila," 1962. 464 p. (Biblioteka istoricheskikh romanov narodov SSSR)

NAZAROV, I. I. [Marusia; a heroic drama in one act] Marusia, geroicheskaia drama v odnom deistvii. Moskva, Sovetskaia Rossiia, 1962. 17 p. (Bibliotechka "Khudozhestvennaia samodeiatel'nost'," no 1

NEKRASOVA, E. A. [Works of William Blake] Tvorchestvo Uil'iama Bleika. [Moskva] Izd-vo Mosk. univ., 1962. 181 p. illus.

NIKANORKIN, A. I. [People of great deeds; Sunny tor Doctor without medicines, Scalpel versus sword] Liudi podviga; Solnechnyi gorodok, Doktor bez lekarstv, Skal'pel' protiv mecha. Simferopol', Kry izdat, 1962. 178 p.

NOVIKOV, I. A. [Pushkin in exile; a novel] Pushkin v izgnanii; roman. Moskva, Sovetskii pisatel', 1962. 633 p.

OMAR KHAYYAM. [Treatises] Traktaty. Vstup. stat'ia i kommentarii B. A. Rozenfel'da i A. P. Ushkevicha. Moskva, Izd vo vostochnoi lit-ry, 1961. 337, 179 p. (Pamiatniki literatury narodov Vostoka Teksty: Malaia seriia, no. 2) [Parallel texts in Russian and Arabic or Persian]

ORLOV, V. N. [Aleksandr Blok's poem "The twelve"; page from the history of Soviet literature] Poema Aleksandra Bloka "Dvenadtsat'"; stranitsa iz istorii sovetskoi literatury. Moskva, Goslitizdat, 1962. 189 p.

OUSMANE, SEMBENE. [God's bit of wood; a novel. Translated from the French] Trostinki Gospoda Boga roman. Moskva, Goslitizdat, 1962. 94 p. (Roman-gazeta, no. 20(272))

OZHEGOVA, M. N. [Oral poetic tradition of the Komi-Permyak people] Ustno-poeticheskoe tvorchestvo Komi-Permiatskogo naroda. Kudymkar, Komi-Permiatskoe knizhnoe izd-vo, 1961. 113 p.

PANFIRATOV, IU. I. [The month, a first book of verse] Meisiats; pervaia kniga stikhov. [Moskva] Molodaia gvardiia, 1962. 131 p. illus.
(CU)

PARADEISE, ALEXANDER. [Life and activities of Baldassare Cossa, or "Pope John XXIII." Translated from the Modern Greek] Zhizn' i deiatel'nost' Baltazara Kossy, Papa Ioann XXIII. Moskva, Izd-vo inostr. lit-ry, 1961. 279 p.

PAVLOV, D. A. [Rules of Kalmyk orthography] Chikei bichikhe zokal, bagshanr ogchekh dontsl. Elst, Khal'mg degtr harlach, 1959. 90 p. [In Kalmyk]

PAVLYCHKO, D. V. [Bough of a palm tree] Pal'mova vit'. Kyiv, Derzhlitvydav Ukrainy, 1962. 110 p.

PECHENIZHS'KYI, M. I. [On Broad Street; a comedy] Na vulytsi Shyrokii, komediia. Kyiv, Derzhlitvydav, 1962. 128 p. (Samodeiatel'nyi teatr)
(MH)

PEREGUDOV, A. V. [Sunny treasure, selected works] Solnechnyi klad; izbrannye proizvedeniia. [Moskva, Izd-vo "Moskovskii rabochii," 1962] 581 p.

PERMITIN, E. N. [Hunter's heart, tales, stories, scenes] Okhotnich'e serdtse, povesti, rasskazy, stseny. [Moskva] Mosk. rabochii, 1962. 366 p.

PERVOMAISKII, L. S. [In place of verses on love] Vmesto stikhov o liubvi. Moskva, Goslitizdat, 324 p.

PETROV, S. M. [Problems of realism in fiction] Problemy realizma v khudozhestvennoi literature. Moskva, Izd-vo Akad. pedagog. nauk RSFSR, 1962. 303 p. (Pedagogicheskaia biblioteka uchitelia)

PETROVSKII, M. S. [Kornei Chukovskii; book about a children's author] Kornei Chukovskii, kniga o detskom pisatele. Moskva, Detgiz, 1962. 115 p.

PIPEROV, ANDREI, and GEORGII KOCHEMIDOV. [Medicinal poison] TSelebnyi iad. Sofia, Izd-vo lit-ry na inostr. iazykakh, 1962. 262 p.

PISKUNOV, V. M. [The novel today] Roman segodnia. Moskva, Izd-vo "Znanie," 1962. 30 p. (Novoe v zhizni, nauke, tekhnike. VI Seriia: Literatura i iskusstvo, no. 22)

PLATONOV, B. E. [Lenin and the problems of Soviet literature] Lenin i voprosy sovetskoi literatury. Leningrad, Ob-vo po rasprs. polit. i nauchn. znanii RSFSR, 1959. 54 p.
(NNC)

PLOTKIN, L. A. [D. I. Pisarev; his life and work] D. I. Pisarev; zhizn' i deiatel'nost'. Moskva, Goslitizdat, 1962. 230 p.

[POETRY DAY] Den' poezii. Moskva, Sovetskii pisatel', 1962. 309 p.

[POETS OF ODESSA] Poety odessy. [Odessa] Odesskoe knizhnoe izd-vo, 1962. 158 p.

POLEVOI, B. N. [On a wild shore, a novel] Na dikom brege; roman. Moskva, Gos. izd-vo khudozh. lit-ry, 1962. 127 p. (Roman-gazeta, no. 21(273))

POLISHCHUK, IA., comp. [Our concert; collected pieces for vaudeville] Nash kontsert; estradnyi sbornik. Moskva, Iskusstvo, 1962. 110 p. (Repertuar khudozhestvennoi samodeiatel'nosti, no. 16)

POPOV, V. N. [True stories of Altai] Altiiskie byli. Barnaul, Altaiskoe knizhnoe izd-vo, 1961. 198 p.
(MH)

POSPELOV, G. N. [History of 19th century Russian literature] Istoriia russkoi literatury XIX veka. [Moskva] Izd-vo Mosk. univ.
Vol. 2, Pt. 1, 1962. 620 p.

[PRACTICAL TEXTBOOK ON RUSSIAN SYNTAX FOR FOREIGN STUDENTS] Prakticheskoe posobie po sintaksisu russkogo iazyka dlia studentov inostrantsev. [By] R. I. Arskaia i dr. Moskva, Gos. izd-vo "Vysshaia shkola," 1962. 313 p.

PRELOVSKII, A. V. [Shores, verse] Berega, stikhi. [Irkutsk] Irkutskoe knizhnoe izd-vo, 1960. 112 p.
(MH)

PURISHEV, B. I., comp. [Chrestomathy of foreign literature, period of the Renaissance] Khrestomatiia po zarubezhnoi literature, epokha Vozrozhdeniia. Moskva, Uchpedgiz RSFSR.
Vol. 2. 1962. 550 p.

PUSHKIN, A. S. [Pushkin on art] Pushkin ob iskusstve. Sost., avtor vstup. stat'i i kommentariia G. M. Koka. Moskva, Izd-vo Akad. khudozh. SSSR, 1962. 199 p.

RADJAB, MUHAMAD. [I am a native of Sumatra; a narrative. Abridged translation from the Indonesian] IA rodom s ostrova Sumatra, povest'. Moskva, Gos. izd-vo detskoi lit-ry, 1960. 230 p. illus.
(NIC)

RADZYKEVICH, JULIAN. [Colonel Danyto Nechai; an historical tale] Polkovnyk Danyto Nechai; istorychna povist'. Winnipeg, Nakladom i drukom "Novoho Shliakhu."
Pts. 1-2. 1961.

RAICHEV, GEORGII. [Small world; tales and stories. Translated from the Bulgarian] Malen'kii mir, povesti i rasskazy. Moskva, Goslitizdat, 1962. 229 p.

RAZUMOVSKAIA, M. M. [Grammar analysis during the study of orthography] Grammaticheskii analiz pri obuchenii orfografii; posobie dlia uchitelia. Moskva, Uchpedgiz, 1962. 75 p.

REKEMCHUK, A. E. [Young greenhorns, a tale] Molodozeleno, povest'. Moskva, Sovetskii pisatel', 1962. 258 p.

REVIAKIN, A. I. [Moscow in the life and works of A. N. Ostrovskii] Moskva v zhizni i tvorchestve A. N. Ostrovskogo. [Moskva] Mosk. rabochii, 1962. 542 p.

REVUNOV, V. S. [Nightingale night; tales] Solov'inaia noch'; povesti. [Moskva] Molodaia gvardiia, 1962. 189 p.

ROMANCHENKO, N. Z. [I glorify my motherland] Vitchyzna slavliu. L'viv, Knyzhkovo-zhurnal'ne vyd-vo, 1962. 115 p.

ROZHDESTVENSKII, R. I. [Desert islands, verse and poems] Neobitaemye ostrova; stikhi i poemy. Moskva, Sovetskii pisatel', 1962. 176 p.
(CtY)

ROZVAL, S. IA. [Innocent business; a novel-pamphlet] Nevinnye dela; roman pamflet. Moskva, Sovetskii pisatel', 1962. 443 p.

RUBINSHTEIN, R. I. [Clay envelope; an historical tale] Glinianyi konvert, istoricheskaia povest'. Moskva, Detgiz, 1962. 110 p. (Shkol'naia biblioteka)

RYBASOV, A. P. I. A. Goncharov. Moskva, Goslitizdat, 1962. 241 p.

RYKHTYTS'KYI, LIUBOMYR. [Between glory and death; a sensational novel] Mizh slavoiu i smertiu, sensatsiinyi roman. Augsburg, Pu-hu, 1948. 192 p. illus. [Publ. under his pseud. Stepan Liubomyrs'kyi]
(IU)

SALAGAEVA, Z. M., comp. [Ossetic folk literature in two volumes] Ironi adamy sfaldystad dyuua tomy. Barnon redaktor Abaity Vaso. Ordzhonikidze, TSÅgat Irystony chinguyty rauag"dad, 1961. 2 v. [In Ossetic]

SALTYKOV, M. E. [Stories] Skazki. Moskva, Ogiz. Gos. izd-vo khudozh. lit-ry, 1947. 61 p.
(CU)

SARYKHANOV, NURMURAD. [Shukur-Bakhshi; a tale] Shukur bagshy, povest. Ashgabat, Turkmendovleteneshir, 1961. 57 p. [In Turkmen]

SEVERSKII, G. L. [Second breath; stories] Vtoroe dykhanie; rasskazy. Simferopol', Krymizdat, 1962. 98 p.

SHCHOHOLIV, V. M. [Birch tree; one-act plays] Berizka; odnoaktni p'iesy. Kyiv, Derzh. vyd-vo khudozh. lit-ry, 1959. 122 p. (Samodiial'nyi teatr)
(IU)

SHISHOVA, Z. K., and S. A. TSAREVICH. [Adventures of Caspar Bernat in Poland and other countries, a novel] Prikliuchenila Kaspera Bernata v Pol'she i drugikh stranakh; roman. Moskva, Detgiz, 1962. 445 p.

SHKULEV, F. S. [We blacksmiths; selected verse] My kuznetsy, izbrannye stikhi. [Moskva] Mosk. rabochii, 1962. 250 p.
(CU)

SHTERENBERG, L. L., comp. [Collected songs in the English language for students of the eight-year school] Sbornik pesen na angliiskom iazyke dlia uchashchikhsia vos'milletnei shkoly. Leningrad, Uchpedgiz, 1962. 205 p.

SHVARTS, E. L. [Buried treasure, Snow queen, The emperor's new clothes, The shadow, The dragon, Two maple trees, Common miracle, Tale of a young married couple, Cinderella, Don Quixote] Klad, Snezhnaia koroleva, Golyi korol', Ten', Drakon, Dva klena, Obyknovennoe chudo, Povest' o molodykh suprugakh, Zolushka, Don Kikhot. Moskva, Sovetskii pisatel', 1962. 692 p.

SIDEL'NIKOV, O. V. [Where are my 16 years!] Gde moi 16 let?! Tashkent, Goslitizdat, UzSSR, 1962. 261 p.

SOBOLEV, L. S. [Selected works in three volumes] Izbrannye proizvedeniia v trekh tomakh. Moskva, Goslitizdat, 1963. 3 v.

SOKOLOVA, M. A. [Outline history of the grammar of the Russian language] Ocherki po istoricheskoi grammatike russkogo iazyka. [Leningrad] Izd-vo Leningr. univ., 1962. 311 p.

SPANGENBERG, E. P. [Birds, hares, foxes and so on..., stories of a naturalist] Ptitsy, zaitsy, lisitsy i prochie...; rasskazy naturalista. Moskva, Detgiz, 1962. 189 p.

SURAZAKOV, S. S. [Heroic legend about the bogatyr Altai Buuchai] Geroicheskoe skazanie o bogatyre Altai-Buuchae. [Gorno-Altaisk] Gorno-Altaiskoe knizhnoe izd-vo, 1961. 177 p.
(MH)

SURGANOV, V. A. [Leonid Sobolev; an account of his life and works] Leonid Sobolev, ocherk zhizni i tvorchestva. Moskva, Sovetskii pisatel', 1962. 320 p.
(CtY) (CU)

SVIRSKII, A. I. [Redhead; a tale] Ryzhik; povest'. [Tula] Tul'skoe knizhnoe izd-vo, [1962] 303 p.

SYROTIUK, M. I. [The Soviet Ukrainian historical novel, the problem of historical and literary truth] Ukrains'kyi radians'kyi istorychnyi roman; problema istorychnoi ta khudozhn'oi pravdy. Kyiv, Vyd-vo Akad. nauk URSR, 1962. 391 p.

SYVACHENKO, M. IE. [Anatol' Svydnyts'kyi and the origin of the social novel in Ukrainian literature] Anatolii Svydnyts'kyi i zarodzhennia sotsial'noho romanu v ukrains'kii literaturi. Kyiv, Vyd-vo Akad. nauk URSR, 1962. 414 p.

TANK, MAKSIM, pseud. [My daily bread; verse] Moi khleb nadzenny, virshy. Minsk, Dziarzh. vyd-va BSSR, 1962. 263 p.
(MH)

TARNOVS'KYI, M. IU. [Of what does the skylark sing] Pro shcho spivae zhaivoronok. L'viv, Knyzhkovo-zhurnal'ne vyd-vo, 1961. 114 p.

TAURIN, F. N. [Thundereus rapids; a novel] Gremiashchii porog, roman. [Moskva] Izd-vo "Molodaia gvardiia," 1962. 383 p.

TRENEV, K. A. [Selected works] Izbrannoe. Simferopol', Krymizdat, 1962. 588 p.

TRIFONOV, G. A. [The bridge swings open at midnight; a play] Most razvoditsia v polnoch', drama. Moskva, Iskusstvo, 1962. 17 p. (Repertuar khudozhestvennoi samodeiatel'nosti, no. 4)
(MH)

TS'OKH, I. T. [The voice of stormy years] Slovo buremnykh rokiv. L'viv, Knyzhkovo-zhurnal'ne vyd-vo, 1961. 234 p.

TULA. GOSUDARSTVENNYI PEDAGOGICHESKII INSTITUT. [On Tolstoi; articles and materials] Tolstovskii sbornik; stat'i i materialy. [Tula] Tul'skoe knizhnoe izd-vo, 1962. 271 p.

TUROV, B I [Leading player, a tale] Vedushchii igrok, povest'. Moskva, Fizkul'tura i sport," 1962. 101 p

VALGINA, N S., and others. [Collected dictations for evening (staggered) secondary general schools] Sbornik diktantov dlia vechernei (smennoi) srednei obshcheobrazovatel'noi shkoly Moskva, Uchpedgiz, 1962. 263 p

VASIL'EVA, L G. [The Danish language; a concise study of its phonetics and morphology] Datskii iazyk, fonetika i morfologiia. Kratkii ocherk. [Moskva] Izd-vo Mosk. univ., 1962. 104 p.

VELIKOPOL'SKAIA, N. A. [Learn to speak Spanish] Uchites' govorit' po ispanski. Moskva, Izd-vo In-ta mezhdunarodnykh otnoshenii, 1962. 241 p

VIAZEMSKII, P. A. [Verse] Stikhotvoreniia. Vstup. stat'ia, podgotovka teksta i primechanii L. IA. Ginzburg. Moskva, Sovetskii pisatel', 1962. 513 p. (Biblioteka poeta. Malaia seriia. Izd. 3)

VILKS, EVALDS. [I cannot leave you alone, stories. Translated from the Latvian] Ma ei voi sind uksi jatta, jutustusi. Tallinn, Ajalehtede Ajakirjade Kirjastus, [1962] 73 p (In Estonian] ("Loomingu" Raamatukogu, no. 41[257])

VINOGRADOVA, K. M. [Life among the people; A. P. Chekov in Melikhovo] Zhizn' sredi naroda, A. P. Chekhov v Melikhove. Moskva, Detgiz, 1962. 189 p.

VISHNEVSKII, D K. [The seventy-second day; a tale Translated from the Ukrainian] Sem'desiat vtoroi den'; povest'. Moskva, Sovetskii pisatel', 1962. 263 p.

VORONKO, P. M. [Peaceful restlessness, poetry] Myrnyi nespokii, poezii. Kyiv, Radians'kyi pys'mennyk, 1960. 153 p. (CU)

VYSHNIA, OSTAP. [Thrifty God; humoresques] Khoziainovytyi Boh, humoresky. Kyiv, Derzhlitvydav Ukrainy, 1961. 15 p.

ZAGORIANSKII, E. A. [Tale about Morphy] Povest' o Morfi. Moskva, Izd-vo "Fizkul'tura i sport," 1962. 228 p.

ZHEGALOV, N. N. [Soviet literature in the struggle for the new man] Sovetskaia literatura v bor'be za novogo cheloveka. Moskva, Izd-vo "Znanie," 1962. 62 p. (Narodnyi universitet kul'tury. Fakul'tet literatury i iskusstva, no. 11)

ZHUKOVSKII, V. A. [Nala and Damayanti; a tale of India] Nal' i Damaianti; indiiskaia povest'. Moskva, Gos. izd-vo detskoi lit-ry, 1957. 110 p. illus. (IU)

ZHYLUNOVICH, ZMITSER. [The master, stories and tales] Khoziain; rasskazy i povesti. Moskva, Goslitizdat, 1962. 381 p. [Author's pseud. TSishka Hartny] (MH)

ZOLOTAREV, N. G. [Golden brook; a tale. Translated from the Yakut] Zolotoi ruchei; povest'. Moskva, Goslitizdat, 1962. 213 p. [Author's pseud. N. IAkutskii]

12. GEOGRAPHY & GEOLOGY

ADASKINA, V. I., I. P. VASSEL', and E. M. RIOR. [Vyborg and its environs; concise guidebook] Vyborg i ego okrestnosti; kratkii putevoditel'. Pod red. I. P. Shaskol'skogo. [Leningrad] Gidrometeoizdat, 1961. 162 p.

AKADEMIIA NAUK SSSR. IAkutskii filial, Yakutsk, Institut biologii. [Soils in the Vilyuy Basin and their use] Pochvy Vilfuiskogo basseina i ikh ispol'zovanie. Moskva, Izd-vo Akad. nauk SSSR, 1962. 203 p.

AKADEMIIA NAUK SSSR. Institut fiziki Zemli. [Crustal fold deformations, their types and the mechanism of formation] Skladchatye deformatsii zemnoi kory, ikh tipy i mekhanizm obrazovaniia; sbornik statei. Moskva, Izd-vo Akad. nauk SSSR, 1962. 333 p.

AKADEMIIA NAUK SSSR. Komissiia po opredeleniiu absoliutnogo vozrasta geologicheskikh formatsii. [Transactions of the Tenth Session of the Commission on the Determination of the Absolute Age of Geological Formations, June 5-10, 1961] Trudy Desiatoi sessii . . ., 5-10 iiunia 1961 g. Moskva, Izd-vo Akad. nauk SSSR, 1962. 379 p

AKADEMIIA NAUK SSSR. Okeanograficheskaia komissiia. [Conversion tables of the results of hydrochemical analyses] Tablitsy perescheta rezul'tatov gidrokhimicheskikh analizov. Moskva, Izd-vo Akad. nauk SSSR, 1962 62 p.

AKADEMIIA NAUK URSR, Kiev. Instytut geologii korysnykh kopalyn, Lvov. [Materials on the geology and geochemistry of minerals of the Ukraine; papers delivered at the First Conference of Young Geologists in spring of 1961] Materialy z geologii ta geokhimii korysnykh kopalyn Ukrainy; zbirnyk naukovykh dopovidei Pershoi konferentsii molodykh spetsialistiv, shcho vidbulas' vesnoiu 1961 r. Kyiv, Vyd-vo Akad. nauk URSR, 1962. 174 p

[ALONG THE ORADEA-MANGALIA HIGHWAY] Vdol' shosse Oradia-Mangaliia. Predisl. Radu Kosashu. Bucharest, Izd-vo "Meridiany," 1962. 15 p. illus (Goroda i peizazhi Rumynii)

BESPALOV, V. M., and A. E. DMITRIEV. [Maloyaroslavets] Maloiaroslavets. [Kaluga] Kaluzhskoe knizhnoe izd-vo, 1962. 218 p.

BOGDANOV, A. A. [Geology of the U. S S. R.] Geologicheskoe stroenie territorii SSSR. Moskva, Izd-vo "Znanie," 1962. 39 p (Novoe v zhizni, nauke, tekhnike. XII Seriia' Geologiia i geografiia, no. 20)

BURMA, D. I., and A. N. GORSHKOV. [Mukachevo; guidebook] Mukachevo, putevoditel'. Uzhgorod, Zakarpatskoe obl. knizhno-gazetnoe izd-vo, 1962. 69 p.

[CHERNOVTSY; photosketches] Chernivtsi, fotonarys. Kyiv, Derzh. vyd-vo obrazotvorchoho mystetstva i muzychnoi lit-ry, 1962. [6] p. illus.

[THE CRIMEA; a photographic album] Krym, fotoal'bom. Simferopol', Krymizdat, 1962. 1 v. (chiefly illus.)

DROBYSHEVSKII, L. G. [Staraya Russa; guidebook for excursionists and tourists] Staraia Russa; rukovodstvo dlia ekskursantov i turistov. Izd. 2., ispr. i dop. [Novgorod] Knizhnaia red. gazety "Novgorodskaia pravda," 1962. 80 p.

GRODENSKII, G. P. [Ural treasure; through the Il'men' Preserve] Ural'skaia kladovaia; po Il'menskomu zapovedniku. [2., dop. izd.] Leningrad, Detgiz, 1962. 123 p.

KATTERFEL'D, G. N. [Face of the earth and its origin] Lik Zemli i ego proiskhozhdenie. Moskva, Geografgiz, 1962 160 p.

KRASNOIARSKAIA KOMPLEKSNAIA EKSPEDITSIIA. [Natural regionalization of the central part of Krasnoyarsk Territory and some problems of farming near cities] Prirodnoe raionirovanie tsentral'noi chasti Krasnoiarskogo kraia i nekotorye voprosy prigorodnogo khoziaistva. Moskva, Izd-vo Akad. nauk SSSR, 1962. 214 p.

KUDRIAVTSEVA, N. I. [Livadiya and Oreanda] Livadiia - Oreanda; ocherk-putevoditel'. Simferopol', Krymizdat, 1962. 53 p.

LARIONOV, A. K., V. M. ALEKSEEV, and G. A. LIPSON. [Soil moisture and present methods of determining it] Vlazhnost' gruntov i sovremennye metody ee opredeleniia. Moskva, Gosgeoltekhizdat, 1962. 133 p.

LENINGRAD. ERMITAZH. [Costume in Russia, from the 18th to the beginning of the 20th century; a catalog] Kostium v Rossii, XVIII - nachala XX vv; katalog. [By] N. M. Sharaia i E. IU. Moiseenko. Leningrad, 1962. 46 p. illus.

LIASHENKO, A. I. [Atlas of brachiopoda and the Devonian stratigraphy of the central provinces of the Russian Platform] Atlas brakhiopod i stratigrafiia devonskikh otlozhenii tsentral'nykh oblastei Russkoi platformy. Pod red. V. N. Krestovnikova. Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1959. 450 p. (CU)

LOGVINENKO, N. V. [Principles of the methods for studying sedimentary rocks] Osnovy metodiki issledovaniia osadochnykh porod. Izd. 2., perer. i dop. Khar'kov, Izd-vo Khar'kovskogo univ., 1962. 205 p.

LYZHIN, K. D. [Along the Yenisey; concise handbook and guide] Po Eniseiu; putevoditel'-spravochnik. [Krasnoiarsk] Krasnoiarskoe knizhnoe izd-vo, 1961. 320 p.

MIRSKII, D. A., and M. M. RADUL, eds. [Geography of the Moldavian S. S. R.] Geografiia Moldavskoi SSR; uchebnoe posobie dlia VIII klassa. Kishinev, Gos. izd-vo "Kartia moldovenieske," 1962. 112 p.

MIZARA, R. [All about the native land] Apie tave, gimtoji zeme. Vilnius, Valstybine grozines literatros leidykla, 1962. 268 p. [In Lithuanian]

MOSCOW. TSENTRAL'NYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT GEODEZII, AEROS"EMKI I KARTOGRAFII. [Bibliographical index to the Transactions of the Central Scientific Research Institute of Geodesy, Aerial Photography, and Cartography, for the years 1950-1960] Bibliograficheskii ukazatel' Trudov TSentral'nogo nauchno-issledovatel'skogo instituta geodezii, aeros"emki i kartografii za 1950-1960 gg. Sost. E. G. Pchelko. Moskva, 1961. 29 p

MOSCOW. UNIVERSITET. Geograficheskii fakul'tet. [Atlas of Irkutsk Province] Atlas Irkutskoi oblasti. Moskva, Glav. upr. geodez. i kartografii M-va geol i okhrany nedr SSSR, 1962. 182 p.

[MOSCOW - VLADIVOSTOK, railroad guide] Moskva - Vladivostok; putevoditel' po zheleznoi doroge. Moskva, Geografgiz, 1962. 266 p.

NIKOL'SKII, I. V. [Geography of U. S S. R, transportation, methodological instructions and a concise abstract of individual course sections for correspondence school students of the geographical faculties of state universities] Geografiia transporta SSSR, uchebno-metodicheskie ukazaniia i kratkii konspekt otdel'nykh razdelov kursa dlia studentov-zaochnikov geograficheskikh fakul'tetov gosudarstvennykh universitetov. [Moskva] Izd-vo Mosk. univ., 1958. 95 p.

NOHÁC, ZDĚNEK, and OBORSKÝ, STANISLAV. [Where the taiga was at one time... Translated from the Czech] Gde taezhnye byla taiga Moskva, Izd-vo "Sovetskaia Rossiia," 1962. 357 p.

OGANEZOV, G. G. [Underground waters of the Ararat Depression] Podzemnye vody Araratskoi kotloviny. Erevan, Armianskoe gos. izd-vo.
Vol. 3. [Water cycle of the Aragats Massif] Vodnyi balans massiva Aragats. 1962. 450 p.

PASENIUK, L. M. [Traveling through the fiery ring] Idu po ognennomu kol'tsu. [Krasnodar] Krasnodarskoe knizhnoe izd-vo, 1962. 231 p.

PASHUK, A. I., and I. S. DERKACH. [Lvov, concise illustrated guidebook] L'viv; korotkyi illiustrovanyi putivnyk. [L'viv] Knyzhkovo-zhurnal'no vyd-vo, 1962. 157 p.

[PYONGYANG] Pkhen'ian. Pyongyang, Izd-vo lit-ry na inostr. iazykakh, 1961. [5] p. illus.

RESPUBLIKANS'KA NARADA Z PYTAN' TOPONIMIKY TA ONOMASTYKY. 1st, Kiev, 1959. [Problems of toponymy and onomastics] Pytannia toponimiky ta onomastyky; materialy. Kyiv, Vyd-vo Akad. nauk URSR, 1962. 235 p.

ROTHSTEIN, A. T. V. [Magmatic facies of ultrabasic igneous rocks of the Tolsit series as revealed by the studies of peridotites in Dawros, Connemara (Eire) and Bolhelvie, Aberdeenshire (Scotland)] Magmaticheskie fatsii ul'traosnovnykh izverzhennykh porod tolsitovoi serii; na primere peridotitov Davrosa, Konnemara (Eire) i Bol'khelvi, Aberdinshera (Shotlandiia). Moskva, Izd-vo Akad. nauk SSSR, 1962. 42 p. [With summary in English]

RUDICH, E. M. [Basic characteristics of the tectonic development of Sakhalin, Japan, and the Maritime Territory as the transition zone from the continent to the ocean] Osnovnye zakonomernosti tektonicheskogo razvitiia Primor'ia, Sakhalina i IAponii kak zony perekhoda ot kontinenta k okeanu. Moskva, Izd-vo Akad. nauk SSSR, 1962. 271 p.

RUKHIN, L. B. [Fundamentals of general paleogeography] Osnovy obshchei paleogeografii. Izd. 2., perer. i dop. Pod red. E. V. Rukhinoi. Leningrad, Gostoptekhizdat, 1962. 628 p.

RUSSIA (1923- U. S. S. R.) Glavnoe upravlenie geodezii i kartografii. [Brazil and Guiana, 1:5,000,000] Brazilliia, Gviana, 1:5,000,000. Moskva, Gos. izd-vo geogr. lit-ry, 1962.
— — — [Text] 1962. 51 p.

RUSSIA (1923- U. S. S. R.) Glavnoe upravlenie geodezii i kartografii. [Guinea, 1:1,250,000] Gvineia, 1:1,250,000. Moskva, Gos. izd-vo geogr. lit-ry, 1962.
— — — Gornung, M. B. [Text] 16 p.

SARKISIAN, S. G. [Petrographic and mineralogic studies of the Lake Sevan basin] Petrografo-mineralogicheskie issledovaniia basseina ozera Sevan. Erevan, Izd-vo Akad. nauk Armianskoi SSR, 1962. 152 p.

SEMENNIKOVA, N. V., and IA. M. OKUN'. [Leningrad in three days, a brief story for those who come to our city and want to become acquainted with its artistic monuments] Leningrad za tri dnia, eto kratkii rasskaz dlia tekh, kto, priekhav v nash gorod, khochet poznakomit'sia s ego khudozhestvennymi pamiatnikami. Leningrad, Izd-vo "Iskusstvo," 1962. 163 p. illus.

SHLIPPE, S. A., and E. F. SINITSYNA, comps. [German-Russian geological and mineralogical dictionary] Nemetsko-russkii geologo-mineralogicheskii slovar'. Pod red. V. I. Sobolevskogo. Moskva, Fizmatgiz, 1962. 472 p.

SOKOLOV, G. A. [Man adorns the earth; travel notes] Chelovek ukrashaet zemliu; putevye ocherki. Simferopol', Krymizdat, 1961. 230 p.

SOLOMONIK, E. I., and B. N. IVANOV, eds. [How secrets are revealed; sketches on Krasnopeshchernaya] Kak raskryvaiutsia tainy, ocherki o Krasnykh peshcherakh. Simferopol', Krymizdat, 1962. 108 p.

SOVESHCHANIE PO GEOLOGICHESKOMU STROENIIU I MINERAL'NYM RESURSAM SIBIRSKOI PLATFORMY. [Summaries of the reports of the Conference on Mineral Resources and the Geology of the Siberian Platform] Tezisy dokladov. Irkutsk, Akad. nauk SSSR, Sibirskoe otd-nie.
No. 4. 1960. 138 p.
[MICROFILM]

SOVESHCHANIE PO TOPONIMIKE VOSTOKA, Moscow, 1961. [Transactions of the Conference on the Toponymy of the East] Trudy. Pod red. E. M. Murzaeva, V. A. Nikonova, V. V. TSybul'skogo. Moskva, Izd-vo vostochnoi lit-ry, 1962. 208 p.

SUSLOVS'KYI, O., and S. RUDYK, eds. [The spring of communism] Vesna kommunizmu [al'bom]. [L'viv] L'vivs'ke knyzhkovo-zhurnal'ne vyd-vo, 1961. 141 p.

SYSOEV, V. A. [Cambrian chitolites in the northern slope of the Aldan Shield] Khiolity kembriia severnogo sklona Aldanskogo shchita. Moskva, Izd-vo Akad. nauk SSSR, 1962. 85 p.

TARMISTO, V., comp. [The Estonian S. S. R. Translated from the Estonian] Estonskaia SSR. Tallinn, Estonskoe gos. izd-vo, 1962. 636 p.

TIAPKIN, K. F. [Interpretation of gravity anomalies in finite geologic structures along the strike] Interpretatsiia gravitatsionnykh anomalii, obuslovlennykh konechnymi po prostiraniiu geologicheskimi ob"ektami. Moskva, Gosgeoltekhizdat.
Pt. 2. 1962. 131 p.
[MICROFILM]

TOKAREVA, Z. I. [The Republic of Togo] Togolezskaia Respublika. Moskva, Izd-vo vostochnoi lit-ry, 1962. 91 p.

TUPITSYN, N. V., ed. [Fundamentals of the tectonics of China. Translated from the Chinese] Osnovy tektoniki Kitaia. Moskva, Gosgeoltekhizdat, 1962. 526 p. maps.

VALIEV, A. A. [Lithology and paleomagnetism of Cenozoic molasses in northern Fergana] Litologiia i paleomagnetizm kainozoiskikh molass Severnoi Fergany. Tashkent, Izd-vo AN UzSSR, 1962. 132 p.

VASIL'EV, M. V. [Rivers will flow backwards...] I reki vspiat' potekut... Moskva, Geografgiz, 1962. 69 p. (Narodnaia biblioteka: Priroda i chelovek)

VSESOIUZNOE NAUCHNOE METEOROLOGICHESKOE SOVESHCHANIE 1st, Leningrad, 1961. [Transactions of the All-Union Meteorological Conference] Trudy. Leningrad, Gidrometeor. izd-vo.
Vol. 1. [General information, decisions, and conference reports] Obshchie svedeniia, reshenila i plenarnye doklady. Pod red. M. I. Budyko. 1962. 186 p.

[WIND WAVES. Translated from the English] Vetrovye volny. Moskva, Izd-vo inostr. lit-ry, 1962. 141 p.

[YAROSLAVL, views of the city and its environs] [Iaroslavl', vidy goroda i okrestnostei. [Iaroslavl'] Iaroslavskoe knizhnoe izd-vo, 1962. 1 v. (chiefly illus.) [Parallel texts in Russian and English]

ZHIRENCHIN, A. M. [Alma-Ata; concise handbook] Alma-Ata; kratkii spravochnik. Alma-Ata, Kazakhskoe gos. izd-vo, 1961. 132 p.

ZHUKOV, P. K., and others. [Basic features of the geology and metallogeny of the Koksu-Tekeli area of the Dzungarian Ala-Tau] Osnovnye cherty geologii i metallogenii Koksu-Tekeliiskogo raiona Dzhungarskogo Alatau. Alma-Ata, Izd-vo Akad. nauk Kazakhskoi SSR, 1962. 123 p.

13. SCIENCE

ABLOV, A. V., and D. G. BATYR. [Nomenclature of inorganic chemistry] Nomenklatura khimii neorganiche. Kishinev, Editura "Shtiintsa" a Akad. de Shtiintse a RSS Moldovenesht', 1962. 115 p. [In Moldavian]

AKADEMIIA MEDITSINSKIKH NAUK SSSR, Moscow. Institut eksperimental'noi patologii i terapii, Sukhum. [Problems in the physiology and pathology of monkeys] Voprosy fiziologii i patologii obez'ian, sbornik rabot. Sukhumi, 1961. 339 p.
[MICROFILM]

AKADEMIIA NAUK SSSR. Matematicheskii institut. [English-Russian mathematical dictionary] Anglo-russkii slovar' matematicheskikh terminov. Red. kollegiia, P. S. Aleksandrov (predsedatel') i dr. Moskva, Izd-vo inostr. lit-ry, 1962. 369 p.

AKADEMIIA NAUK UZBEKSKOI SSR, Tashkent. Institut khimii. [Simultaneous electrode reactions] Sovmestnye elektrodnye reaktsii. Tashkent, Izd-vo AN UzSSR, 1962. 142 p.

ANAN'EV, L. M., A. A. VOROB'EV, and V. I. GORBUNOV. [Betatron and its uses] Betatron i ego primenenie. [Tomsk] Tomskoe knizhnoe izd-vo, 1962. 83 p.

ANICHKOV, S. V., and M. L. BELEN'KII. [Pharmacology of the chemoreceptors of the glomus caroticum] Farmakologiia khimioretseptorov karotidnogo klubochka. Leningrad, Medgiz, 1962. 199 p.

[ASTRONOMICAL CALENDAR FOR 1962] Astronomiskais kalendars 1962 gadam. Desmitais gadagajums. Riga, Latvijas PSR Zinatnu akad. izdevniecība, 1961. 171 p. [In Latvian]
[MICROFILM]

AVTOKRATOVA, T. D. [Analytical chemistry of ruthenium] Analiticheskaia khimiia rutentiia. Moskva, Izd-vo Akad. nauk SSSR, 1962. 263 p. (Seriia: Analiticheskaia khimiia elementov)

BANINA, N. N. [K. F. Kessler and his role in the development of biology in Russia] K. F. Kessler i ego rol' v razvitii biologii v Rossii. Moskva, Izd-vo Akad. nauk SSSR, 1962. 139 p. (Nauchno-biograficheskaia serila)

BEREZIN, I. S., and N. P. ZHIDKOV. [Calculation methods] Metody vychislenii. Izd. 2., perer. Moskva, Fizmatgiz.
Vol. 2. 1962. 635 p.

BERSHADSKII, R. IU. [Scientist who knows everything] Uchenyi, kotoryi znaet vse. Moskva, Izd-vo "Znanie," 1962. 44 p. (Novoe v zhizni, nauke, tekhnike. IX Seriia: Fizika i khimiia, no. 19)

BERSUKER, I. B., and A. V. ABLOV. [Chemical bonds in complex compounds] Khimicheskaia sviaz' v kompleksnykh soedineniiakh. Kishinev, Izd-vo "Shtiintsa" Akad. nauk Moldavskoi SSR, 1962. 207 p.

BOBROV, S. P. [An Archimedian summer; or the story of a friendly group of young mathematicians] Arkhimedovo leto ili Istoriia sodruzhestva iunykh matematikov. Moskva, Detgiz.
Book 2. 1962. 327 p.

BUHAI, P. T. [Theory of errors and the method of least squares] Teoriia pomylok i sposib naimenshykh kvadrativ. [L'viv] Vyd-vo L'vivs'koho univ.
Pt. 1. 1960. 366 p.

[COLLECTION OF WORKS ON BIOLOGY, 1960] Biologicheskii sbornik 1960 g. Irkutsk, Vostochno-Sibirskoe otd-nie geogr. ob-va SSSR, 1961. 285 p.
[MICROFILM]

DAVYDOVA, V. P., and M. G. VORONKOV. ["Polyphosphazenes", polymer and monomer phosphonitrile compounds] Polifosfazeny, polimernye i monomernye fosfonitril'nye soedineniia. Moskva, Izd-vo Akad. nauk, 1962. 66 p.

DURMISH'IAN, M. G., and A. V. LEBEDINSKII, eds. [Body reactions to the action of small doses of ionizing radiations] Reaktsii organizma na deistvie malykh doz ioniziruiushchei radiatsii. Moskva, Medgiz, 1962. 302 p.

EFIMOV, N. V. [Brief course in analytic geometry] Krathii kurs analiticheskoi geometrii. Izd. 6., perer. i sokrashchennoe. Moskva, Fizmatgiz, 1962. 227 p.

EL'BRUSSKAIA VYSOKOGORNAIA EKSPEDITSIIA, 1934- [Transactions of the Elbrus Alpine Expedition]
Trudy. Nal'chik, Kabardino-Balkarskoe knizhnoe izd-vo.
Vol. 1(4) [Snow, avalanches, and the use of snow in the national economy] Sneg, laviny i primenenie snega v narodnom khoziaistve (Materialy II Vsesoiuznoi mezhvedomstvennoi konferentsii, posviashchennoi voprosam snezhnogo pokrova). 1959. 306 p.
[MICROFILM]

FOGT, E. [Upper Cretaceous Bryozoa of the Europein part of the U. S. S. R. and some adjacent territories] Verkhnemelovye mshanki Evropeiskoi chasti SSSR i nekotorykh sopredel'nykh oblastei. [Moskva] Izd-vo Mosk. univ., 1962. 124 p. [With summary in German]

FROLOV, V. A. [Delving into the secrets of the weather] Vlorzhenie v tainy pogody. Leningrad, Gidrometeoizdat, 1962. 61 p.

FURSOV, V. I. [Introduction to biology] Vvedenie v biologiiu. Pod red. G. G. Vinberga. Minsk, Izd-vo M-va vysshego, srednego spetsial'nogo i professional'nogo obrazovaniia BSSR, 1962. 268 p.

GAVRILOV, N. I. [Methods in the theory of ordinary differential equations] Metody teorii obyknovennykh differentsial'nykh uravnenii. Moskva, Gos. izd-vo "Vysshaia shkola," 1962. 312 p.

GEIDEMAN, T. S., and others. [Useful wild plants of Moldavia] Poleznye dikorastushchie rastenila Moldavii. Kishinev, Izd-vo "Shtiintsa," Akad. nauk Moldavskoi SSR, 1962. 415 p.

GEOGRAFICHESKOE OBSHCHESTVO SSSR. Ural'skii filial. [Climate of the Urals] Voprosy klimata Urala; sbornik. Sverdlovsk, 1958. 128 p.
[MICROFILM]

GERASIMOV, V. P. [Fishes, amphibians, reptiles and their study in school; a textbook for teachers] Ryby, zemnovodnye, presmykaiushchiesia i izuchenie ikh v shkole; posobie dlia uchitelia. Moskva, Uchpedgiz, 1962. 225 p.

GERONIMUS, IA. L. [Geometrical apparatus of the theory of synthesis of plane mechanisms] Geometricheskii apparat teorii sinteza ploskikh mekhanizmov. Moskva, Fizmatgiz, 1962. 399 p.

GLEBOV, V. G., comp. [Two ships in space] Dva korablia v kosmose. Moskva, Izd-vo "Znanie," 1962. 40 p. (Novoe v zhizni, nauke, tekhnike. IX Seriia: Fizika i khimiia, no. 22)

GRODZINSKII, D. M. [Methods of using radioactive isotopes in biology] Metodika primeneniia radioaktivnykh izotopov v biologii. Kiev, Izd-vo Ukr. akad. sel'khoz. nauk, 1962. 170 p.
[MICROFILM]

IAGLOM, I M , and V.G. ASHKINUZE [Ideas and methods in affine and projective geometry] Idei i metody affinnoi i proektivnoi geometrii. Moskva, Uchpedgiz

Part I [Affine geometry] Affinnaia geometriia, 1962. 246 p

IATSIUK, A.I. [Science which serves the people, and science which is a servant of monopolies] Nauka shcho sluzhyt' narodovi, i nauka - prysluzhnyisia monopolii. L'viv, Knizhkovo-zhurnal'ne vyd-vo, 1962. 43 p. (Na dopomohu propagandystam i agitatoram)

IGNATOV, A.I. [Problem of the origin of life] Problema proiskhozhdeniia zhizni. Moskva, Sotsekgiz, 1962 343 p

INTERNATIONAL CONGRESS OF MATHEMATICIANS, Edinburgh, 1958. [Survey papers presented at the International Congress on Mathematics] Obzornye doklady. Pod red. E.F. Mishchenko. Moskva, Fizmatgiz, 1962. 276 p. (Sovremennye problemy matematiki)

IUNUSOV, A. IU. [Physiology of the blood in man and animals in a hot climate] Fiziologiia krovi cheloveka i zhivotnykh v zharkom klimate. Tashkent, Medgiz, UzSSR, 1961. 207 p.

IUNUSOV, A. IU., and G. F. KOROT'KO. [Functions of the digestive organs in a hot climate] Funktsii organov pishchevareniia v zharkom klimate. Tashkent, Medgiz, UzSSR, 1962, 223 p.

KANTOROVICH, A.V. [Spring garden] Sad vesny. Moskva, Izd-vo "Znanie," 1962. 47 p. (Novoe v zhizni, nauke, tekhnike. VIII Seriia Biologiia i meditsina, no. 21)

KANTOROVICH, L.V., and V.I. KRYLOV. [Approximate methods of higher analysis] Priblizhennye metody vysshego analiza. Izd. 5., ispr. Moskva, Fizmatgiz, 1962. 708 p.

KARIAKIN, N.I., K.N. BYSTROV, and P.S. KIREEV. [Brief handbook on physics] Kratkii spravochnik po fizike. Moskva, Vysshaia shkola, 1962. 559 p.

KAROL', I.L., and S.G MALAKHOV, eds. [Nuclear meteorology] Voprosy iadernoi meteorologii; sbornik statei. Moskva, Gosatomizdat, 1962. 271 p.

KETSKHOVELI, N.N [Vegetation - the treasury of the nation, a picture album] Rastitel'nyi pokrov - sokrovishchnitsa naroda, fotoal'bom. Tbilisi, Izd-vo Akad nauk Gruzinskoi SSR, 1961 479 p. [Parallel texts in Georgian and Russian]

KIREEV, V.A. [Concise course in physical chemistry] Kratkii kurs fizicheskoi khimii Izd. 2., ispr. i dop. Moskva, Goskhimizdat, 1962. 647 p.

KOLOBOV, A.M. [Selected chapters from higher mathematics, Fourier series, Fourier integral, and operational calculus (for institutions of higher technical learning)] Izbrannye glavy vysshei matematiki "Riad i integral Fur'e"; operatsionnoe ischislenie (dlia vtuzov) Minsk, Izd-vo M-va vysshego srednego spetsial'nogo i professional'nogo obrazovaniia BSSR, 1962 227 p.

KOLOMENSKII, A.A., and A.N. LEBEDEV. [Theory of cyclic accelerators] Teoriia tsiklicheskikh uskoritelei. Moskva, Fizmatgiz, 1962. 352 p.

KONOVALOV, S.A. [Biochemistry of yeast] Biokhimiia drozhzhei. Moskva, Pishchepromizdat, 1962. 268 p

KOROVIN, E.P. [Vegetation of Central Asia and southern Kazakhstan] Rastitel'nost' Srednei Azii i IUzhnogo Kazakhstana. Izd. 2., dop. i perer. Tashkent, Izd-vo Akad. nauk UzSSR.

Book 2. 1962. 547 p.

KORSHUNOV, I.A., and others. [Problems in radiochemistry] Sbornik zadach po radiokhimii. [By] R.V. Amenitskaia i dr. Pod red. I.A. Korshunova. Gor'kii, Gor'kovskii gos. univ. im. I.I. Lobachevskogo, 1959. 91 p.

[MICROFILM]

KRAIZMER, L.P. [Bionics] Bionika. Moskva, Gosenergoizdat, 1962. 70 p. (Massovaia radiobiblioteka, no. 453)

KUCHEROV, N.I. [Atmospheric conditions affecting observations] Astroklimat. Moskva, Izd-vo "Znanie," 1962. 36 p. (Novoe v zhizni, nauke, tekhnike. IX Seriia: Fizika i khimiia, no. 17)

KURENTSOV, A.I. [In the shelters of Ussurian relicts] V ubezhishchakh ussuriiskikh reliktov. Vladivostok, Primorskoe knizhnoe izd-vo, 1961. 191 p.

KURTSIN, I.T. [Hormones of the digestive system] Gormony pishchevaritel'noi sistemy. Leningrad, Medgiz, 1962. 307 p.

LEDOVSKII, D.I. [Oxygen and hydrogen] Kislorod i vodorod. Moskva, Izd-vo "Znanie," 1962. 44 p. (Narodnyi universitet kul'tury. Estestvennonauchnyi fakul'tet, no. 16)

LENINGRAD. UNIVERSITET. [Low-temperature catalytic conversions of hydrocarbons] Nizkotemperaturnye kataliticheskie prevrashcheniia uglevodorodov. [Leningrad] 1962. 166 p.

LOMNEV, S.P. [Methods for designing linear electron accelerators] Metody rascheta lineinykh elektronnykh uskoritelei. Moskva, Vychislitel'nyi tsentr AN SSSR, 1962. 199 p.

MIKHINA, T.N., E.N. FROLOVA, and T.V. SHCHERBINA. [Laboratory manual on the zoology of invertebrates] Praktikum po zoologii bespozvonochnykh Pod red. E.N. Frolovoi. Moskva, Vysshaia shkola, 1962. 207 p.

MUROMTSEV, G.S., and L.A. PEN'KOV. [Gibberellins] Gibberelliny Moskva, Sel'khozizdat, 1962. 230 p.

OSIPOVSKII, A.I., and T.N ULISSOVA. [Textbook of biology] Uchebnik biologii Moskva, Medgiz, 1962 298 p.

PARIS SYMPOSIUM ON RADIO ASTRONOMY, 1958. [Radio astronomy. Translated from the English] Radioastronomiia. Red. angliiskogo izd. R.N. Breisuell. Perevod pod red. V.V. Vitkevicha. Moskva, Izd-vo inostr. lit-ry, 1961. 594 p. (RPB)

PERYSHKIN, A.V., and others. [Physics; a textbook for grade 6 in the secondary school] Fizika; uchebnik dlia VI klassa srednei shkoly. Pod obshchei red. E.IA. Minchenkova i A.V. Peryshkina. Izd. 3. Moskva, Gos. uchebno-pedagog. izd-vo, 1961. 190 p. illus. (TNJ)

PETRAITIS, ALBERTAS. [Motion and energy] Judejimas ir jega. Vilnius, Valstybine politines ir mokslines literaturos leidykla, 1961. 78 p. [In Lithuanian]

[PHYSICS CLASS WORK FOR STUDENTS OF MEDICAL INSTITUTES] Praktikum po fizike; [dlia meditsinskikh vuzov. By] M.A. IUr'ev i dr. Moskva, Gos. izd-vo "Vysshaia shkola," 1962. 266 p.

PIRIATIN, V.D. [Processing the results of experimental measurements by the method of least squares] Obrabotka rezul'tatov eksperimental'nykh izmerenii po sposobu naimen'shikh kvadratov. Khar'kov, Izd-vo Khar'kovskogo univ.

Part 1. [Linear and parabolic relationships between measurement results] Priamolineinaia i parabolicheskaia zavisimost' mezhdu rezul'tatami izmerenii. 1962. 215 p.

RAIKOV, D.A. [Vector spaces] Vektornye prostranstva. Moskva, Fizmatgiz, 1962. 211 p.

RAKOVS'KYI, P.S. [Course in higher mathematics] Kurs vyshchoi matematyky. Kharkiv, Vyd-vo Kharkivs'koho univ., 1960. 292 p.

RIVKIND, IA.L. [Three hundred problems in mathematical analysis] 300 zadach po matematicheskomu analizu. Minsk, Izd-vo M-va vysshego, srednego spetsial'nogo i professional'nogo obrazovaniia BSSR, 1962. 64 p.

ROMANOVSKII, P.I. [Concise general course on mathematical analysis] Obshchii kurs matematicheskogo analiza v szhatom izlozhenii. Moskva, Fizmatgiz, 1962. 331 p.

ROSHCHINA, G.P. [Molecular scattering of light in gases] Molekuliarnoe rasseianie sveta v gazakh. [Kiev] Izd-vo Kievskogo univ., 1962. 37 p.

RUSSIA (1923- U.S.S.R.) Glavnoe upravlenie geodezii i kartografii. [Five-place tables of the natural values of trigonometric quantities, their logarithms, and logarithms of integers] Piatiznachnye tablitsy naturalnykh znachenii trigonometricheskikh velichin, ikh logarifmov i logarifmov chisel. 4. izd. Moskva, Izd-vo geodez. lit-ry, 1962. 176 p.

SCHAWLOW, A., S. VOGEL, and L. DULBERGER. [Optical masers (lasers). Translated from the English] Opticheskie kvantovye generatory (lazery). Moskva, Izd-vo inostr. lit-ry [1962] 114 p.

SHABANSKII, V.P., ed. [Solar corpuscular streams and their interaction with the geomagnetic field. Translated from the English] Solnechnye korpuskuliarnye potoki i ikh vzaimodeistvie s magnitnym polem Zemli Moskva, Izd-vo inostr. lit-ry, 1962. 430 p.

SHEBEKO, V.F. [Yearly distribution and supply of precipitation in the White Russian S.S.R.] Vnutrigodovoe raspredelenie i obespechennost' osadkov na territorii Belorusskoi SSR, prakticheskoe posobie, Minsk, Gos. izd-vo sel'khoz. lit-ry BSSR, 1962. 142 p.

SHIDLOVSKII, M.V. [Classification key to the rodents of Transcaucasia] Opredelitel' gryzunov Zakavkaz'ia Tbilisi, Izd-vo Akad. nauk Gruzinskoi SSR, 1962. 171 p. maps. (Fauna Zakavkaz'ia)

SHMIDT, O.IU. [Origin of the earth and planets] Proiskhozhdenie Zemli i planet. Moskva, Izd-vo Akad. nauk SSSR, 1962. 120 p.

SISAKIAN, N.M., and V.I. IAZDOVSKII, eds. [First space flights of man; the scientific results of the medicobiological research conducted during the orbital flights of the spaceships "Vostok" and "Vostok-2"] Pervye kosmicheskie polety cheloveka, nauchnye rezul'taty mediko-biologicheskikh issledovanii, provedennykh vo vremia orbital'nykh poletov kornblei-sputnikov "Vostok" i "Vostok-2." Moskva, Izd-vo Akad. nauk SSSR, 1962. 202 p.

SMIRNOV, A.D., and G.I. SHELINSKII. [Chemistry, a manual for the 7th grade. Translated from the Russian] Kimie; manual pentru klasa a shaptia Kishinau, Editura de stat "Kartia moldovenieske," 1962. 141 p. [In Moldavian]

SOIUZKHIMEKSPORT, VSESOIUZNOE OB"EDINENIE. [Isotopes] Izotopy. Moskva, [1959] 81 p.

[MICROFILM]

SOKOLOVSKII, IU.I. [The concept of work and the law of conservation of energy; a scientific methodological analysis with a historical review] Poniatie raboty i zakon sokhraneniia energii; nauchno-metodicheskii analiz s istoricheskim ocherkom. Pod red. i s predisl. D.D. Galanina. Moskva, Izd-vo Akad pedagog. nauk RSFSR, 1962. 339 p.

SOVESHCHANIE PO PARAMAGNITNOMU REZONANSU, Kazan', 1959. [Paramagnetic resonance, papers delivered at the Conference on Paramagnetic Resonance] Paramagnitnyi rezonans, doklady. [Kazan'] Izd-vo Kazanskogo univ., 1960. 309 p.

STAROSEL'SKAIA-NIKITINA, O.A. [Paul Langevin] Pol' Lanzhoven. Pod red. IA.G. Dorfmana. Moskva, Fizmatgiz, 1962. 316 p.

TARTU. ULIKOOL. Analuutiline keemia kaeodes. [Qualitative semimicroanalysis] Kvalitatiivne poolmikroanaluus. Tartu, 1962. 227 p. [In Estonian]

TAUBE, P.R., G.S. AKCHURINA, and A.N. GAVRILOVSKII. [Practical work in general chemistry] Praktikum po obshchei khimii. Izd. 2., perer. Moskva, Vysshaia shkola, 1962. 263 p.

TEKUTOV, P.F. [Laboratory manual on human and animal physiology] Praktikum po fiziologii cheloveka i zhivotnykh; posobie dlia pedagogicheskikh institutov. Izd. 2., ispr. i dop. Moskva, Uchpedgiz, 1962. 230 p.

TIKHOMIROV, B.A. [Treelessness of the tundra, its causes and ways of overcoming it] Bezles'e tundry, ego prichiny i puti preodoleniia. Moskva, Izd-vo Akad. nauk SSSR, 1962. 87 p.

TIMROT, E.S. [Descriptive geometry] Nachertatel'naia geometriia. Moskva, Gosstroiizdat, 1962. 278 p.

TONKOV, V.N. [Textbook of normal human anatomy] Uchebnik normal'noi anatomii cheloveka. Izd. 8., perer. i dop. Pod red. B.A. Dolgo-Saburova. Leningrad, Medgiz, 1962. 762 p.

TSAGARAEV, P T [Through the mountains and valleys of Kirghizistan] Po goram i dolinam Kirgizii. Frunze, Kirgizskoe gos izd-vo, 1961 121 p.

UKRAINS'KE BOTANICHNE TOVARYSTVO [Yearbook of the Ukrainian Botanical Society] Shchorichnyk Kyiv, Vyd-vo Akad. nauk URSR
Vol. 3. 1962. 130 p.

VLADIMIROV, S. V., and others. [Nonageing polymers] Nestarelushchie polimery. [Tambov] Tambovskoe knizhnoe izd-vo, 1962. 78 p.

VOINAR, A. I. [Trace elements in living nature] Mikroelementy v zhivoi prirode. Moskva, Vysshaia shkola, 1962. 91 p.

VOINSTVENS'KYI, M. A., and O. B. KISTIAKIVS'KYI. [Classification key to the birds of the Ukrainian S. S. R.] Vyznachnyk ptakhiv URSR. Vyd. 2. Kyiv, Radians'ka shkola, 1962. 370 p.

VOLOGDIN, A. G. [The most ancient algae of the U. S. S. R.] Drevneishie vodorosli SSSR. Moskva, Izd-vo Akad. nauk SSSR, 1962. 655 p.

VOSKRESENSKII, P. I. [Laboratory work and equipment] Tekhnika laboratornykh rabot; izd 5, perer i rasshirennoe. Moskva, Goskhimizdat, 1962. 532 p.

VSESOIUZNAIA KONFERENTSIIA PATOFIZIOLOGOV, 3d, Sverdlovsk, 1960. [Transactions of the Third All-Union Conference of Pathophysiologists] Trudy. Tashkent, Medgiz UzSSR,
No. 3. [Artificial hypothermia] Iskusstvennaia gipotermiia. Pod red I. R Petrova i M. N. Khanina. 1961 162 p.

ZAKEROV, K. Z. [Flora and vegetation of the Zeravshan Basin] Flora i rastitel'nost' basseina reki Zeravshan. Tashkent, Izd-vo Akad. nauk UzSSR,
Pt. 2. [Synopsis of flora] Konspekt flory. 1961. 445 p.

ZYKOV, I. V. [Nature calendar of Kemerovo Province] Kalendar' prirody Kemerovskoi oblasti. [Kemerovo] Kemerovskoe knizhnoe izd-vo, 1960. 120 p.
[MICROFILM]

14. MEDICINE

AKADEMIIA MEDITSINSKIKH NAUK SSSR, Moscow. Institut eksperimental'noi meditsiny. [Yearbook of experimental medicine for 1960] Ezhegodnik za 1960 god. Leningrad, 1961. 552 p. (Its. Trudy, vol. 8)
(DNLM)

AKADEMIIA MEDITSINSKIKH NAUK SSSR, Moscow. Institut psikhiatrii. [Problems in child psychiatry] Voprosy psikhiatrii detskogo vozrasta. Moskva, 1962. 239 p.
(DNLM)

ASTROZHNIKOV, IU. V. [Acute surgical diseases of the organs of the abdominal cavity in elderly people] Ostrye khirurgicheskie zabolevaniia organov briushnoi polosti u pozhilykh liudei. [Vladimir] Vladimirskoe knizhnoe izd-vo, 1962. 86 p.
(DNLM)

AVERBAKH, M. M. [Tuberculomas of the lung; their clinical anatomical analysis, pathological anatomy, pathogenesis and classification according to resection materials] Tuberkulomy legkogo; kliniko-anatomicheskii analiz, patologicheskaia anatomiia, patogenez i klassifikatsiia po materialam rezektsii. Moskva, Medgiz, 1962. 341 p.
(DNLM)

BOGATYREV, I. D. [Disease incidence among and preventive medical examination of industrial workers] Zabolevaemost' i lechebno-profilakticheskoe obsluzhivanie promyshlennykh rabochikh. Moskva, Medgiz, 1962. 270 p.
(DNLM)

CHAIKOVSKAIA, O. V. [What a dormitory resident should know; dormitory hygiene] Chto nado znat' prozhivaiushchemu v obshchezhitii; gigiena obshchezhitiia. Moskva, Medgiz, 1954. 50 p.
(DNLM)

CHEPELEVA, M. A. [Pathology of the lymph nodes; a clinical morphological study] Patologiia limfaticheskikh uzlov; kliniko-morfologicheskoe issledovanie. Kiev, Gosmedizdat USSR, 1962. 318 p.
(DNLM)

DANILOV, IU E. [Prospects for the development of health service in the Kirghiz S S R. under the seven-year plan] Perspektivy razvitiia zdravookhraneniia Kirgizskoi SSR v semiletke. Frunze, Kirgizskoe gos. izd-vo, 1961. 110 p.

DOVGIALLO, G. KH. [Pernicious anemia, Addison-Biermer disease] Zlokachestvennoe malokrovie, bolezn' Addisona-Birmera. 2, perer. izd. Minsk, Gos. izd-vo BSSR, Red. nauchno-tekhn lit-ry, 1962. 141 p.
(DNLM)

DYSHKO, A. S. [Pruritus; experimental clinical studies] Zud; eksperimental'no-klinicheskie issledovaniia. Moskva, Medgiz, 1962. 97 p.
(DNLM)

GAVRILOV, N. I., and others. [Work experience of medical and sanitary units] Opyt raboty medikosanitarnykh chastei. Moskva, Medgiz, 1962 121 p.
(DNLM)

GEOGRAFICHESKOE OBSHCHESTVO SSSR. Komissia meditsinskoi geografii Sakhalinskogo otdela. [Nature in Sakhalin and man's health] Priroda Sakhalina i zdorov'e cheloveka; sbornik statei. IUzhno-Sakhalinsk, Sakhalinskoe knizhnoe izd-vo, 1962 181 p.

KALININA, T. V. [Mechanical tantalum suture in operations on the intestines] Mekhanicheskii tantalovyi shov pri operatsiiakh na kishechnike. Moskva, Medgiz, 1962. 57 p. (Biblioteka prakticheskogo vracha)
(DNLM)

KAPITANOV, R. A. [Medicine's ally; the use of communication technology in the medical process] Soiuznitsa meditsiny, primenenie tekhniki sviazi v lechebnom protsesse. Moskva, Izd-vo "Znanie," 1962. 47 p. (Novoe v zhizni, nauke, tekhnike. VIII Serita: Biologiia i meditsina no. 22)

KEVLISHVILI, G. E [Experimental transplantation of bone marrow in acute radiation sickness] Transplantatsiia kostnogo mozga pri ostroi luchevoi bolezni v eksperimente. Tbilisi, Izd-vo Akad. nauk Gruzinskoi SSR, 1961. 51 p.
(DNLM)

KIEV. MEDYCHNYI INSTYTUT. [Hygienic norms and the sanitation of the external environment] Gigienicheskie normativy i ozdorovlenie vneshnei sredy, sbornik nauchnykh rabot. Kiev, Gosmedizdat USSR, 1961. 268 p.
(DNLM)

KIEV. MEDYCHNYI INSTYTUT. [Problem of the interaction of vitamins C and P; galascorbin, its chemical, biological and therapeutic properties] K probleme vzaimodeistvila vitaminov C i P.; galaskorbin, ego khimicheskie, biologicheskie i terapevticheskie svoistva. Sbornik nauchnykh trudov pod red. E. F. Shamraia. Kiev, Gosmedizdat USSR, 1962. 274 p

KOLOMIICHENKO, A. I., and N. S. SHEINMAN. [Atlas of tonal audiometric studies; a textbook for practicing physicians and students] Atlas tonal'nykh audiometricheskikh issledovanii; posobie dlia prakticheskikh vrachei i studentov. Kiev, Gosmedizdat USSR, 1962. 292 p.
(DNLM)

KOZHIN, S. P. [Work experience of a school doctor] Iz opyta raboty shkol'nogo vracha. Moskva, Medgiz, 1962. 122 p. (Biblioteka prakticheskogo vracha)
(DNLM)

KREITSER, A. G. [Handbook on medical instruments] Spravochnik po meditsinskim priboram. Pod red. E. M. Krepsa. Leningrad, Medgiz, 1962. 195 p.

KURASHOV, S. V., L. G. GOL'DFAIL', and G. N. POSPELOVA, eds. [Health resorts of the U. S. S. R.] Kurorty SSSR. Moskva, Medgiz, 1962. 797 p.

KURSHAKOV, N. A. [Allergic diseases of the peripheral vessels] Allergicheskie zabolevaniia perifericheskikh sosudov. Moskva, Medgiz, 1962. 111 p.
(DNLM)

LEVIN, G. S. [Surgical treatment of pulmonary tuberculosis; an aid for the practicing physician] Operativnoe lechenie bol'nykh tuberkulezom legkikh; v pomoshch' prakticheskomu vrachu. 2, perer. i dop. izd. Minsk, Gos. izd-vo BSSR, Red. nauchno-tekhn. lit-ry, 1962. 274 p.
(DNLM)

MANASTYRS'KYI, R. IA. [Public health in communistic and capitalistic countries] Okhorona zdorov'ia u nas i u nykh. L'viv, Knyzhkovo-zhurnal'ne vyd-vo, 1961. 47 p. (Na dopomohu propagandistam i agitatoram)

MARKS, V. O. [Healing of the closed bone fracture] Zazhivlenie zakrytogo perелoma kosti. Minsk, Izd-vo Akad. nauk BSSR, 1962. 281 p.
(DNLM)

[MILITARY EPIDEMIOLOGY] Voennaia epidemiologiia. Leningrad, Medgiz, 1962. 135 p.
(DNLM)

MIRONOV, F. F. [Physical culture in the control of tuberculosis] Fizicheskaia kul'tura v bor'be s tuberkulezom. Moskva, Medgiz, 1962. 37 p. (Nauchno-populiarnaia meditsinskaia literatura)
(DNLM)

[MULTIVOLUME MANUAL ON NEUROLOGY] Mnogotomnoe rukovodstvo po nevrologii. Moskva, Medgiz.
Vol. 3, Books 1-2. [Infectious and toxic diseases of the nervous system] Infektsionnye i tokalicheskie bolezni nervnoi sistemy. Red. toma D. S. Futer. 1962.
(DNLM)

NISEVICH, N. I., and A. G. AVANESOVA. [Dysentery and other intestinal infections in infants] Dizenteriia i drugie kishechnye infektsii u detei rannego vozrasta Moskva, Medgiz, 1962. 203 p.
(DNLM)

NOSOV, S. D., and V. D. SOBOLEVA, eds. [Studies on whooping cough] Uchenie o kokliushe. [Moskva] Medgiz, 1962. 277 p.
(DNLM)

NOVIK, I. O., and A. I. MARCHENKO. [Short prescription handbook for the stomatologist] Kratkii retseptурnyi spravochnik vracha-stomatologa. Kiev. Gosmedizdat USSR, 1961. 87 p.
(DNLM)

OGNEV, B. V., and G. D. NOVINSKII. [Medicine and physics] Meditsina i fizika. Moskva, Izd-vo "Znanie," 1962. 64 p. (Novoe v zhizni, nauke, tekhnike. VIII Serita: Biologiia i meditsina, no. 19)

PANTELEEV, I. IA. Anton Ivanovich Nozlobinskii. Stavropol', Knizhnoe izd-vo, 1962. 38 p. (Pervoot-kryvateli Kavkazskikh Mineral'nykh Vod)

PETERSON, B. E. [Anastomoses in gastrectomies and resection of the esophagus] Anastomozy pri gastrektomii i rezektsii pishchevoda. Moskva, Medgiz, 1962. 166 p.
(DNLM)

PETROV, R. V [Immunology of acute radiation lesions] Immunologiia ostrogo luchevogo porazheniia. Moskva, Gosatomizdat, 1962. 266 p.
(DNLM)

RYBASOV, V. A., and M. D. SHMATIKOV. [Personal hygiene] Lichnaia gigiena. Moskva, Izd-vo "Znanie," 1962. 38 p. (Narodnyi universitet kul'tury: Fakul'tet zdorov'ia, no. 9)

SHCHUPAK, N. B [Extrapulmonary tuberculosis in the clinic for internal diseases] Vnelegochnyi tuberkulez v klinike vnutrennikh zabolevanii. Leningrad, Medgiz, 1962. 190 p.
(DNLM)

SHCHUPAKOV, N. N. [Prevention and treatment of caisson disease] Profilaktika i lechenie kessonnoi bolezni. Moskva, Medgiz, 1962. 185 p. (Biblioteka sanitarnogo vracha)
(DNLM)

[SIGNIFICANT AND ANNIVERSARY DATES IN THE HISTORY OF MEDICINE FOR 1963] Znamenatel'nye i iubileinye daty istorii meditsiny 1963 goda. Moskva, Medgiz, 1962. 61 p.

STARTSEV, I. A., and S. IA. NISHCHAIA. [Milk cookery and child nutrition] Molochnaia kukhnia i detskoe pitanie. Izd. 2., ispr. i dop. Kiev, Gosmedizdat USSR, 1962. 182 p.

STRELI'NIKOV, B. E. [Epithelial cysts of the sacrococcygeal region] :. Epitelial'nye kisty krestsovo-kopchikovoi oblasti. Moskva, Medgiz, 1962. 87 p. (Biblioteka prakticheskogo vracha)
(DNLM)

STRUCHKOV, V. I. [Surgery for suppuration] Gnoinaia khirurgiia, rukovodstvo dlia vrachei. Moskva, Medgiz, 1962. 357 p.
(DNLM)

SUKHAREVA, M. E., and V. D. SOBOLEVA, eds. [Influenza in children] Gripp u detei. Moskva, Medgiz, 1962. 255 p.
(DNLM)

[THERAPEUTIST'S HANDBOOK] Spravochnik terapevta. Pod red. I. A. Kassirskogo. Moskva, Medgiz, 1962. 866 p.
(DNLM)

TITENKO, A. S., and V. R. DOVZHENKO. [Public-health enthusiasts] Entuziasty zdravookhraneniia. Simferopol', Krymizdat, 1960. 62 p.

TUR, A. F., ed. [For the mother about her child] Materi o rebenke, sbornik ocherkov. Leningrad, Medgiz, 1962. 251 p.

VAINSHTEIN, E. S. [X-ray diagnosis of foreign bodies in the eye] Rentgenodiagnostika inorodnykh tel glaza. Moskva, Medgiz, 1962. 123 p. (Biblioteka prakticheskogo vracha)
(DNLM)

VIAZOV, O. E. [Immunology of embryogenesis] Immunologiia embriogeneza. Moskva, Medgiz, 1962. 326 p.
(DNLM)

VOL'SKII, M. E. [Selected works] Izbrannye trudy. Frunze, Kirgizskoe gos. izd-vo, 1962. 257 p.
(DNLM)

VSESOIUZNOE SOVESHCHANIE PO PROBLEME SHIZOFRENII (Proposed). [Schizophrenia, problems in its nosology, pathogenesis, clinical aspects, and anatomy] Shizofreniia, voprosy nozologii, patogeneza, kliniki i anatomii. Doklady. Moskva, Vses. nauchnoe med. ob-vo nevropatologov i psikhiatrov, 1962. 344 p.
(DNLM)

VSESOIUZNYI S"EZD AKUSHEROV-GINEKOLOGOV, 10th, Moskva, 1957. [Transactions of the Tenth All-Union Congress of Obstetricians and Gynecologists, December 11-18, 1957 in Moscow] Trudy. Sost. G. IA. Molchanova, O. K. Nikonchik, M. D. Piradova. Moskva, Medgiz, 1961. 189 p.
(DNLM)

ZASORINA, T. A. [Zheleznovodsk Health Resort] Kurort Zheleznovodsk. 3. izd. [Stavropol'] Stavropol'skoe knizhnoe izd-vo, 1962. 63 p.
(DNLM)

ZELENSKII, N. M. ["Berezovo Mineral Waters" Health Resort] Kurort "Berezovskie mineral'nye vody." Kiev, Gosmedizdat USSR, 1962. 82 p.
(DNLM)

15. AGRICULTURE

AKADEMIIA NAUK SSSR. Komi filial, Syktyvkar. [Materials on the soils of the Komi A. S. S. R. and adjacent territories, studying the soils of the northeast of European part of the U. S. S. R.] Materialy po pochvam Komi ASSR i sopredel'nykh territorii, k izucheniiu pochv severo-vostoka evropeiskoi chasti SSSR. Moskva, Izd-vo Akad. nauk SSSR, 1962. 130 p.
(DNAL)

ANAKIN, I. A. [Laboratory exercises in the mechanization of stockbreeding] Praktikum po mekhanizatsii zhivotnovodstva. Moskva, Sel'khozizdat, 1962. 165 p. (Uchebniki i uchebnye posobiia dlia vysshikh sel'skokhoziaistvennykh uchebnykh zavedenii)
(DNAL)

ANGEL'EV, D., N. TROFIMENKO, and I. SOLDATOV. [A centner of grain in 38 minutes, from the practices of the "Gigant" State Farm in Rostov Province] TSentner zern - za 38 minut; iz opyta sovkhoza "Gigant," Rostovskoi oblasti. [Rostov-na-Donu] Rostovskoe knizhnoe izd-vo, 1961. 20 p.
(DNAL)

ARLOU, H. V., and K. V. SAZYKINA. [Material and technical foundation of agriculture and basic ways for its development] Materyial'na-tekhnichnaia baza sel'skai haspadarki i asnounyia shliakhi iae razvitstaia. Minsk, Dziarzh. vyd-vo sel'skahaspadarchai lit-ry BSSR, 1962. 49 p. (Rashenni XXII z'ezda KPSS u dzeiannii)

BEILIN, I. G. [Studies on the history of forestry societies in prerevolutionary Russia] Ocherki po istorii lesnykh obshchestv dorevoliutsionnoi Rossii. Moskva, Goslesbumizdat, 1962. 156 p.

BEREZHNOI, I. M., A. N. IVANOVA, and I. M. SELETSKII [Growing tea] Kul'tura chaia. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1950. 265 p. illus. (Uchebniki i uchebnye posobiia dlia sel'skokhoziaistvennykh tekhnikumov)
(MnU)

BOBRITSKII, A. T. [Vegetable gardening on peat soils] Vyrashchivanie ovoshchei na torfianikakh. [Leningrad] Lenizdat, 1961. 19 p. (Vypolniaem reshenila ianvarskogo Plenuma TsK KPSS)
(DNAL)

BUDYKA, S. KH., and A. F. TIKHONOV. [Manual on the timber industry] Lesopromyshlennyi spravochnik. Minsk, Izd-vo Akad. nauk BSSR, 1962. 711 p.
(DNAL)

BYKOV, N. I. [Agronomic characteristics of soil moisture conditions in the middle Volga Valley] Agrogidrologicheskie svoistva pochv Srednego Povolzh'ia, spravochnik. Leningrad, Gidrometeoizdat, 1962. 225 p.

CHEBOTAREV, I. K. [New developments in the floating of lumber down the rivers of the Komi A. S. S. R.] Novoe v organizatsii splava po rekam Komi ASSR. [Syktyvkar, Komi knizhnoe izd-vo, 1962. 58 p.]

CHEKANOVA, N. I. [Wishing you a great success, tillers of the Moscow region!] Bol'shogo uspekha, truzheniki Podmoskov'ia; otvety na voprosy polevodov. [Moskva] Mosk. rabochii, 1962. 46 p. (Liudi, dela, plany)
(DNAL)

CHERMNYKH, L. M. [Champignon culture] Kul'tura shampin'onov. Kyiv, Derzhsil'hospvydav URSR, 1961. 63 p. (Bibliotechka ovochevoda)
(DNAL)

[CONTEMPORARY PROBLEMS OF ENTOMOLOGY. Translated from the English] Sovremennye problemy entomologii; sbornik statei. Pod red. i s predisl. B. I. Rukavishnikova. Moskva, Izd-vo inostr. lit-ry. Vol. 2. 1961. 182 p.

DUGAROV, D. D. [Mixed brigades in sheep raising] Kompleksnye brigady v ovtsevodstve. Moskva, Sel'khozizdat, 1962. 63 p.
(DNAL)

DYMARS'KYI, L. A., and I. O. HOLUDIEV. [Veterinary hygiene] Zoohihiiena. Kyiv, Derzhsil'hospvydav URSR, 1960. 189 p. (Biblioteka veterinarnogo fel'dshera)
(DNAL)

EESTI POLLUMAJANDUSE AKADEEMIA. [Tenth anniversary of the Scientific Students' Society (1951-1961)] Kumne aastat Uliopilaste Teaduslikku Uhingut, 1951-1961. Tartu, 1962. 103 p. [In Estonian with summary in Russian]

ELSUKOV, M. P., ed. [Forage beans] Kormovye boby. [Moskva] Mosk. rabochii, 1962. 67 p. (Slushateliam shkol peredovogo opyta)
(DNAL)

GALDIN, M. V., L. M. KOBYLIAKOV, and G. A. MEL'NIKOV. [Specialized combines] Spetsial'nye kombainy. Izd. 2., perer. i dop. Moskva, Sel'khozizdat, 1962. 255 p.
(DNAL)

GLINKA, M. V. [For high corn yields] Za bol'shuiu kukuruzu. Moskva, Sovetskaia Rossiia, 1962. 61 p. (Reshenila XXII s"ezda KPSS - v zhizn' !)
(DNAL)

GLUSHKOV, N. M., and S. A. ROZOV. [Advice to the beekeeper] Sovety pchelovodu. Moskva, Izd-vo M-va sel'. khoz. RSFSR, 1961. 160 p.
(DNAL)

GRAKHOV, G. N. [For 75 kilograms of cocoons from a box of eggs] Za 75 kilogrammov kokonov s korobki grenу. Tashkent, Gosizdat UzSSR, 1957. 13 p.
(DNAL)

GRECHIN, B. V., and A. S. STEPANOVA. [Uzbek Karakul sheep] Uzbekistanskaia karakul'skaia ovtsa. Tashkent, Gosizdat UzSSR, 1961. 29 p.
(DNAL)

HRUSHKO, M. F. [Edible greens] Zelenі ovochevі kul'tury. Kyiv, Derzhsil'hospvydav URSR, 1961. 64 p. (Bibliotechka ovochevoda)
(DNAL)

IL'IN, B. A. [Land transportation of timber] Sukhoputnyi transport lesa; uchebnoe posobie dlia studentov lesokhoziaistvennogo fakul'teta. Leningrad, Vses. zaochnyi lesotekhn. in-t, 1961. 210 p.

KALASHNIKOV, K. IA. [Smuts of grain crops] Golovni zernovykh kul'tur. Leningrad, Sel'khozizdat, 1962. 87 p.
(DNAL)

KIRICHENKO, K. S. [Rice in the U. S. S. R., one hundred million poods of rice] Ris v SSSR; 100 millionov pudov risa. Moskva, Izd-vo "Znanie," 1962. 39 p. (Novoe v zhizni, nauke, tekhnike. V Seriia: Sel'skoe khoziaistvo, no. 24)

KOKUEV, V. I. [Commercial and promising new cotton varieties] Sorta khlopchatnika, promyshlennye i perspektivnye. Tashkent, Gosizdat UzSSR, 1961. 50 p.
(DNAL)

LASKIN, D. F., and A. A. SHLIAPIN. [Penless fattening of swine] Otkorm svinei bez stankov. [Moskva] Mosk. rabochii, 1962. 20 p. (Ikh opyt dostupen vsem)
(DNAL)

LIPATOV, N. N. [Manual on laboratory and practical work in a course of studies on the equipment of enterprises of the dairy industry] Rukovodstvo k laboratornym i prakticheskim zaniatiiam po kursu oborudovaniia predpriiatii molochnoi promyshlennosti. Moskva, Pishchepromizdat, 1962. 221 p.

LIUBASHENKO, S. IA., and A. M. PETROV. [Diseases of fur-bearing animals] Bolezni pushnykh zverei. Moskva, Sel'khozizdat, 1962. 214 p. (Uchebniki i uchebnye posobiia dlia vysshikh sel'skokhoziaistvennykh uchebnykh zavedenii)
(DNAL)

LOSEV, EVGENII. [Elixir of fertility] Likhir plodorodiia. Moskva, Izd-vo "Znanie," 1962. 30 p. (Novoe v zhizni, nauke, tekhnike. V Seriia: Sel'skoe khoziaistvo, no. 23)

MAKSIMENKO, I. K. [Soviet fine-fiber cotton 6763I, a new variety] Novyi sort sovetskogo tonkovoloknistogo khlopchatnika 6763I. Ashkhabad, Izd-vo Akad. nauk Turkmenskoi SSR, 1961. 41 p.
(DNAL)

MEDVIEDIEVA, H. S. [Tomatoes] Pomidory. Kyiv, Derzhsil'hospvydav URSR, 1961. 121 p. (Bibliotechka ovochevoda)
(DNAL)

MIKHAILOV, I. N., and A. V. MORSHIN. [Proper storage of machinery] Kak pravil'no khranit' mashiny. [Moskva] Mosk. rabochii, 1962. 35 p. (Sovety mekhanizatoru)
(DNAL)

NAUMOV, V. I., and I. V. STERKIN. [Grain in granary] Zerno v brone. Moskva, Izd-vo "Znanie," 1962. 45 p. (Narodnyi universitet kul'tury. Sel'skokhoziaistvennyi fakul'tet, no. 10)

NOSENKO, A. E. [Stars over the steppe] Zvezdy nad step'iu. Moskva, Gospolitizdat, 1961. 54 p. (Geroi i podvigi)

[PEAT IN AGRICULTURE] Torf v sel'skom khoziaistve. [By] M. N. Nikonov i dr. Moskva, Sel'khozizdat, 1962. 166 p.
(DNAL)

PROTASENIA, T. P. [Pathological physiology and the pathological anatomy of animals; a textbook of practical studies] Patologichna fiziologiia i patologichna anatomiia tvaryn; posibnyk do praktychnykh zaniat'. Kyiv, Derzh. vyd-vo sil's'kohospodars'koi lit-ry URSR, 1962. 167 p. (Pidruchnyky i navchal'ni posibnyky dlia sil's'kohospodars'kykh tekhnikumiv)
(DNAL)

[PROVED BY LIFE] Proverka zhizn'iu. Moskva, Izd-vo "Sovetskaia Rossiia," 1962. 21 p.

RIAZANKIN, K. G. [Organizers of the introduction of advanced work methods] Organizatory vnedrenila peredovogo opyta. [Moskva] Mosk rabochii, 1962 54 p.

ROSLIAKOV, V. N. [Over-all mechanization of corn growing and harvesting] Kompleksnaia mekhanizatsiia vozdelyvaniia i uborki kukuruzy. Moskva, Izd-vo M-va sel'. khoz RSFSR, 1962 61 p. (DNAL)

RYTOV, N. P. [Storage of vegetables, advanced practices] Khranenie ovoshchei, peredovoi opyt. Moskva, Gostorgizdat, 1961. 41 p. (DNAL)

SANNIKOV, S. N. [Natural regeneration of pine and measures for promoting it in pine forests of the Pyshma Valley] Estestvennoe vozobnovlenie sosny i mery sodeistviia emu v Pripyshminskikh borakh. Sverdlovsk, Akad. nauk SSSR, Ural'skii filial, 1961. 76 p. (DNAL)

SHAPIRO, I. D. [Swedish fly as a corn pest and measures for its control] Shvedskaia mukha - vreditel' kukuruzy i mery bor'by s nei Leningrad, Sel'khozizdat, 1962 78 p. (Vrediteli i bolezni sel'skokhoziaistvennykh rastenii) (DNAL)

SHCHERBAKOVA, H. S., and H. R. TYTARENKO. [Cucumbers] Ohirky. Kyiv, Derzhsil'hospvydav URSR, 1961. 95 p. (Bibliotechka ovochevoda) (DNAL)

SHCHITNIKOV, P. I [Land improvement in the current seven-year plan] Melioratsiia v tekushchem semiletii. Minsk, Gos. izd-vo sel'khoz. lit-ry BSSR, 1962. 32 p. (Reshenila XXII s"ezda KPSS v deistvii)

SIROTOV, I. I., V. I. SIROTOV, and F. N. MASLENKOV. [Forest exploitation] Lesoekspluatatsiia. Moskva, Goslesbumizdat, 1962. 359 p. (DNAL)

SMIRNIAGINA, A. A. [Machinery for farms] Tekhnika - selu Moskva, Izd-vo "Znanie," 1962 31 p (Novoe v zhizni, nauke, tekhnike V Seriia: Sel'skoe khoziaistvo, no. 21)

SOKOLOV, P., and M. ZAKHAROV. [Beacon of cotton growing, from work practices of the "Communism" Collective Farm in Pakhtakor District, Samarkand Province] Pakhtachilik mash"ali; Samarkand oblasti, Pakhtakor raionidagi "Kommunizm" kolkhozining ish tazhribasidan. Toshkent, "Kizil Uzbekiston," "Pravda Vostoka" va "Uzbekiston Surkh" birlashgan nashrieti, 1961. 26 p. [In Uzbek] (DNAL)

SOLTANOVS'KA, H. O. [Peppers and eggplant] Perets' i baklazhany. Kyiv, Derzhsil'hospvydav URSR, 1961. 92 p. (Bibliotechka ovochevoda) (DNAL)

SYROTIN, M. F. [Root vegetables] Stolovi koreneplody. Kyiv, Derzhsil'hospvydav URSR, 1961. 102 p. (Bibliotechka ovochevoda) (DNAL)

TARCHOKOV, K. K. [High corn yields on larger areas] Vysokie urozhai kukuruzy na bol'shikh ploshchadiakh. Moskva, Sel'khozizdat, 1961. 57 p. (DNAL)

TIUTIUNNIKOV, A. I. [How to get high pea yields] Kak poluchit' vysokii urozhai gorokha. Moskva, Izd-vo "Znanie," 1962. 40 p. (Narodnyi universitet kul'tury, Sel'skokhoziaistvennyi fakul'tet, no. 11)

TKACHENKO, F. A. [Onions and garlic] TSibulia i chasnyk. Kyiv, Derzhsil'hospvydav URSR, 1961. 75 p. (Bibliotechka ovochevoda) (DNAL)

ULIN, I. I. [Petr Sapunov's corn field] Kukuruznoe pole Petra Sapunova. Moskva, Izd-vo "Znanie," 1962, 31 p. (Novoe v zhizni, nauke, tekhnike. V Seriia: Sel'skoe khoziaistvo, no. 22)

VOZNESENSKII, V., and others. [Heroic work on the "Temizhbekskii" State Farm] Podvig v "Temizhbekskom." [Stavropol'] Stavropol'skoe knizhnoe izd-vo, 1962. 95 p. (DNAL)

VSESOIUZNAIA AKADEMIIA SEL'SKOKHOZIAISTVENNYKH NAUK IMENI V. I. LENINA. Otdelenie zhivotnovodstva. [Trace elements in stockbreeding] Mikroelementy v zhivotnovodstve. Pod obshchei red. V. V. Koval'skogo i A. P. Dmitrochenko. Moskva, Sel'khozizdat, 1962. 141 p. (DNAL)

ABEZGAUZ, V. D., and M. I. GAL'PERIN [Working frozen ground in mechanized trench digging] Razrabotka merzlykh gruntov pri mekhanizirovannom ryt'e transhei. Moskva, Gostoptekhizdat, 1962, 93 p. [MICROFILM]

ABRAMOV, L. T., M. V. AVEROCHKINA, and N. D. KOCHEROVA. [Antiheaving measures on railroads] Protivopuchinnye meropriiatiia na zheleznykh dorogakh. Moskva, Transzheldorizdat, 1962 22 p.

ABYZBAEV, I. I., M. M. SATTAROV, and A. V. KARTSEVA [Using solution gas drive in developing oil fields as exemplified by the Ishimbay oil fields] Razrabotka neftianykh mestorozhdenii pri rezhime rastvorennogo gaza, na primere Ishimbaiskikh mestorozhdenii nefti Moskva, Gostoptekhizdat, 1962. 151 p.

ADOL'F, V. A., and others. [The T-16 self-propelled chassis] Samokhodnoe shassi T-16. Moskva, Sel'khozizdat, 1962. 264 p

[AGRICULTURAL MACHINERY] Sel'skokhoziaistvennye mashiny. [By] I. S. Ivanov i dr. Moskva, Mashgiz, 1962. 683 p.

AIVAZOV, B. V. [Chemistry in home economics] Khimiia v domashnem khoziaistve. Ufa, Bashkirskoe knizhnoe izd-vo, 1961. 93 p.

AKADEMIIA NAUK ARMIANSKOI SSR, Erivan. Institut vodnykh problem. [Results of the combined studies of the Sevan problem] Rezul'taty kompleksnykh issledovanii po Sevanskoi probleme. Erevan, Izd-vo Akad. nauk Armianskoi SSR.
Vol. 3. [Water resources and power engineering] Vodnoe khoziaistvo i energetika. 1962. 330 p.

AKADEMIIA NAUK GRUZINSKOI SSR, Tiflis. Sovet po izucheniiu proizvoditel'nykh sil. [Natural resources of the Georgian S.S.R.] Prirodnye resursy Gruzinskoi SSR. Moskva, Izd-vo Akad. nauk SSSR.
Vol. 4. [Water power resources] Gidroenergeticheskie resursy. 1962, 307 p.

/AKADEMIIA NAUK KAZAKHSKOI SSR, Alma-Ata. Institut iazykoznaniia. [Russian-Kazakh dictionary of terminology] Russko-kazakhskii terminologicheskii slovar'. Alma-Ata, Izd-vo Akad. nauk Kazakhskoi SSR.
Vol. 12. Bakaev, M. T., and others. [Mining] Gornoe delo. 1962. 261 p.

AKADEMIIA NAUK SSSR. Institut organicheskoi khimii. [Gas chromatography; bibliographic index to Soviet and foreign literature for 1952-1960] Gazovaia khromatografiia; bibliograficheskii ukazatel' otechestvennoi i zarubezhnoi literatury, 1952-1960 gg. Moskva, Izd-vo Akad. nauk SSSR, 1962. 282 p.

AKADEMIIA NAUK URSR, Kiev. Rada po vyvchenniu produktyvnykh syl. [Changes in the banks of reservoirs] Pererabotka beregov vodokhranilishch. Kiev, Izd-vo Akad. nauk USSR, 1962. 140 p.

AKADEMIIA NAUK URSR, Kiev. Rada po vyvchenniu produktyvnykh syl. [Complete utilization of Ukrainian solid fuels] Kompleksnoe ispol'zovanie tverdykh topliv Ukrainy. Kiev, Izd-vo AN USSR, 1962. 287 p.

AKADEMIIA NAUK URSR, Kiev. Rada po vyvchenniu produktyvnykh syl. [Development of the Ukrainian gas industry] Razvitie gazovoi promyshlennosti Ukrainy. Kiev, Izd-vo Akad. nauk USSR, 1962. 274 p.

AKADEMIIA NAUK UZBEKSKOI SSR, Tashkent, Institut khimii. [Studying mineral and plant resources of Uzbekistan] Issledovanie mineral'nogo i rastitel'nogo syr'ia Uzbekistana. Tashkent, Izd-vo Akad. nauk UzSSR, 1962. 226 p.

AKADEMIIA NAVUK BSSR, Minsk. Instytut torfa. [Chemistry and genesis of peat and sapropels] Khimiia i genezis torfa i sapropelei. Minsk, Izd-vo Akad. nauk BSSR, 1962, 316 p.

AKADEMIIA STROITEL'STVA I ARKHITEKTURY SSSR. Institut betona i zhelezobetona, Perovo. [Instructions for the design of reinforced concrete smokestacks] Instruktsiia po proektirovaniiu zhelezobetonnykh dymovykh trub. Moskva, Gosstroiizdat, 1962. 131 p.

AKADEMIIA STROITEL'STVA I ARKHITEKTURY SSSR. Institut organizatsii, mekhanizatsii i tekhnicheskoi pomoshchi stroitel'stvu. [Erection of completely precast apartment houses] Montazh polnosbornykh zhilykh zdanii; spravochnoe posobie. Pod red. V. P. Proskurnina. Moskva, Gosstroiizdat, 1962. 91 p

AKOPIAN, A. E. [Synthetic fibers with a base of polyvinyl alcohol] Sinteticheskoe volokno na osnove polivinilovogo spirta. Erevan, Armianskoe gos. izd-vo, 1961.

AKSEL'RUD, G. A. [Theory of the diffusion extraction of substances from porous bodies] Teoriia diffuzionnogo izvlecheniia veshchestv iz poristykh tel. L'vov, L'vovskii politekhn. in-t, 1959. 233 p.

ALEKSEEV, E. K., and V. I. MEL'NIK. [Welding in the construction industry] Svarochnoe delo v stroitel'stve. Izd. 2., ispr. i dop Moskva, Gosstroiizdat, 1962. 350 p.

ALEKSEEV, K. A. [Tuning and adjustment of television receivers] Nastroika i regulirovka televizorov. Kiev, Gostekhizdat USSR, 1962. 157 p.

ALIAVDIN, V. F. [Lead and zinc, how to search for them in the field] Svinets i tsink, kak ikh iskat' v prirode. Izd 2., ispr. Moskva, Gosgeoltekhizdat, 1962. 36 p. (Bibliotechka iskatelia poleznykh iskopaemykh)

ALLIKAS, LEONID, and WALDEK KULBACH. [Wooden structures] Puitkonstruktsioonid. Tallinn, Eesti Riiklik Kirjastus, 1962. 414 p. [In Estonian]

ALTUNIN, S. T. [Regulation of river channels] Regulirovanie rusel. Izd. 2. Moskva, Sel'khozizdat, 1962. 351 p.

ANGELEVICH, M. M., comp. [Graphitic carbon products, a catalog] Uglerodistyo grafitirovannye izdeliia; katalog spravochnik. Red. Sosedov, V. P. Moskva, Metallurgizdat, 1962. 95 p.

ANTONOV, N. M. [New suspended devices for electrochemical treatment of cylindrical parts] Novye podvesnye prisposobleniia dlia elektrokhimicheskoi obrabotki tsilindricheskikh detalei. Leningrad, 1962. 17 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia: Zashchitnye pokrytiia metallov, no. 5)

APANOVICH, I. E., and D. S. SHKLIAR. [Driver's manual] Spravochnik shofera. [Sverdlovsk] Sverdlovskoe knizhnoe izd-vo, 1962. 139 p.

AREKHOV, V. Z. [Manual on mechanical drawing; geometrical drawing and collection of problems] Posobie po tekhnicheskomu cherchenilu, geometricheskoe cherchenie i sbornik zadach. Izd 2., perer. i dop. Pod obshchei red. N. I. Shinkevicha. Minsk, Izd-vo M-va vysshego, srednego spetsial'nogo i professional'nogo obrazovaniia BSSR, 1962. 195 p.

ARISTOV, P. I. [New machinery for spinning factories] Novye mashiny priadil'nykh fabrik. [Ivanovo] Ivanovskoe knizhnoe izd-vo, 1961. 133 p. (Khlopchatobumazhnoe proizvodstvo)

ARNOL'D, L. V., and M. N. IOSIFOV. [Thermodynamics, heat transfer, and power equipment of hoisting and conveying machinery] Termodinamika, teloperedacha i teplosilovoe oborudovanie pod"emno-transportnykh mashin. Pod red L. V. Arnol'da. Leningrad, Izd-vo "Rechnoi transport," 1962. 440 p.

ARYSTOVS'KYI, V. V., and R. T. SLOBODIAN. [Stability of the Kakhovka Reservoir shores undergoing deformations caused by subsidences and slides] Stiikist' berehiv Kakhovs'koho vodoskhovyshcha, shcho zaznaiut' szuvnykh ta prosadochnykh deformatsii. Kyiv, Vyd-vo Akad. nauk URSR, 1962. 145 p.

ASEEV, G. D. [Build quickly, solidly, economically, problems of the development of construction in the Karelian A. S. S. R. [Stroit' bystro, prochno, ekonomno; voprosy razvitiia stroitel'stva v Karel'skoi ASSR, 1962. 154 p.

BADYL'KES, I. S. [Working substances and processes of refrigerating] Rabochie veshchestva i protsessy kholodil'nykh mashin. [Leningrad] Gostorgizdat, 1962. 279 p.

BAGIROV, M. A. G V. VECHKHAIZER, and CH. M. DZHUVARLY. [Electrothermal means of increasing oil reservoir recovery] Elektrotermicheskie sposoby uvelicheniia nefteotdachi plastov. Baku, Azernesh'r, 1962. 174 p.

BAKANOV, N. A., M. E. BURMAN, and N. V SOLNTSEVA. [Handbook on starch and molasses production] Spravochnik po krakhmalo-patochnomu proizvodstvu. 2 izd perer i dop. Pod red. M. E Burmana. Moskva, Pishchepromizdat, 1962. 478 p.

BAKU. AZERBAIDZHANSKII NAUCHNO-ISSLEDOVATEL'SKII INSTITUT PO DOBYCHE NEFTI. [Efficient development of the Kyurovdag oil field by using the straight line method] Ratsional'naia razrabotka neftianogo mestorozhdeniia Kiurovdag s primeneniem "razrezaniia" zaiezhi. Baku, Azernesh'r, 1962. 52 p.

BARANOV, L. B. [Cold welding of plastic metals] Kholodnaia svarka plastichnykh metallov. Izd. 2., perer. i dop. Moskva, Mashgiz, 1962. 151 p.

BARANOVSKII, M. A., and A. V. MOLOCHKOV. [Lathe operator's manual] Spravochnik tokaria. Minsk, Gosizdat BSSR, 1962. 491 p.

[BEACONS IN LOCOMOTIVE OPERATION AND MAINTENANCE] Maiaki lokomotivnogo khoziaistva. Moskva, Transzheldorizdat, 1962. 133 p. (Zheleznodorozhniki-peredoviki sotsialisticheskogo sorevnovaniia)

BEDRAN', N. G., and A. P ZHENDRINSKII. [Elector-type flotation machine] Ezhektornaia flotatsionnaia mashina Moskva, Gosgortekhizdat, 1962. 41 p.

BELAN, R. V. [Third metallurgical supply center] Tret'ia metallurgicheskaia. Moskva, Sovetskaia Rossiia, 1959. 46 p.

BELASH, F. N [Flotation of iron ores] Flotatsiia zheleznykh rud. Moskva, Gosgortekhizdat, 1962. 310 p.

[BELORUSETS, E. A., and A. A. ZHILIN. [The Skoda - 1201 motortruck] Avtomobil' Shkoda-1201. Moskva, Avtotransizdat, 1962. 11 6 p.

BERKMAN, A. S. [Rapid determination of the moisture of ceramic materials by weighing them once] Bystroe opredelenie vlazhnosti keramicheskikh materialov putem odnokratnogo vzveshivaniia. Moskva, Glavmosstroimaterialy. Otdel tekhn. informatsii, 1958. 37 p.

BERKOVICH, D. M. [Machines control machines] Mashiny upravliaiut mashinami. Moskva, Izd-vo "Znanie," 1962. 45 p. (Novoe v zhizni, nauke, tekhnike. IV Seriia: Tekhnika, no. 19)

BERSHADSKII, A. L. [Manual on calculations in wood cutting] Spravochnik po raschetu rezhimov rezaniia dreveshiny. Moskva, Goslesbumizdat, 1962. 123 p.

BERSHAK, P. B., and L. A. GAFNER. [Preparing grain for milling at a mill] Podgotovka zerna k pomolu na mel'nitse. Moskva, Zagotizdat, 1961. 82 p.

BLAGOV, I. S., A. M. KOTKIN, and T. G. FOMENKO. [Gravity ore dressing processes; theoretical principles] Gravitatsionnye protsessy obogashcheniia; teoreticheskie osnovy. Moskva, Gosgortekhizdat, 1962. 230 p.

BLINNIKOV, I. A. [Oil and gas and how to search for them] Neft' i gaz i kak ikh iskat'. Izd. 2. Moskva, Gosgeoltekhizdat, 1962. 25 p. (Bibliotechka iskatelia poleznykh iskopaemykh)

BLUDILIN, M. A. [Main potential] Glavnyi rezerv. Simferopol', Krymizdat, 1960. 15 p.

BOBRYNIN, B. N., and K. N. STREL'TSOV. [Stamping of sheet plastics] Shtampovka listovykh plastmass. Pod obshchei red. V. P. Romanovskogo. Moskva, Mashgiz, 1962. 76 p. (Bibliotechka shtampovshchika, no. 8)

BOLOTIN, KH. L. [Mechanization and automation of machine tool attachments] Mekhanizatsiia i avtomatizatsiia stanochnykh prisposobleniĭ. Moskva, Mashgiz, 1962. 285 p.

BONDAROVSKII, F. P., and G V. KORNEEV. [Machine parts and hoisting and conveying machinery] Detali mashin i pod"emno-transportnye mashiny. Izd. 2., perer. i dop. Moskva, Mashgiz, 1962. 551 p.

BORISENKO, S G., and others [Raise work] Prokhodka vosstaiushchikh. Moskva, Gosgortekhizdat, 1962. 271 p.

BORISOV, IU. N., V. A. POGOZHEV, and V. A. SAVENKO. [Ceramics cut metals] Keramika rezhet metall. [Stalingrad] Stalingradskoe knizhnoe izd-vo, 1961. 32 p.

BORISOV, S. P. [The "Svetofor" Plant is an enterprise of communist labor] Zavod "Svetofor" - predpriiatie kommunisticheskogo truda. Moskva, Transzheldorizdat, 1962. 45 p.

BOTUK, B. O. [Hydraulics] Gidravlika. Moskva, Vysshaia shkola, 1962. 449 p

BOTVINNIKOV, V. I., M. N. KOLOBKOV, and K. M. KUZNETSOV [Rock products of the Kuznetsk Basin] Nerudnoe syr'e Kuzbassa. [Kemerovo] Kemerovskoe knizhnoe izd-vo, 1961 63 p.
[MICROFILM]

BRIANOV, V. V. [Extracting large blocks] Dobycha krupnykh blokov. Simferopol', Krymizdat, 1961. 44 p.

BUDARIN, S. P. [Stress condition theory; lecture in the "Strength of Materials" course for students of all departments] Teoriia napriazhennogo sostoianiia; lektsiia po kursu "Soprotivlenie materialov" dlia studentov vsekh fakul'tetov. Leningrad, Vses. zaochnyi lesotekhn. in-t, 1961. 50 p.

BUKHNIKASHVILI, A. V. [Electric prospecting in mining geology in Transcaucasia] Elektrorazvedka v rudnoi geologii Zakavkaz'ia. Tbilisi, Izd-vo Akad. nauk Gruzinskoi SSR, 1962. 177 p

BUKLER, V. O., I. N. VALIAEV, and IU. I. RABINOVICH. [Installation of radio equipment] Montazh radioapparatury. Izd. 2., perer. Moskva, Gosenergoizdat, 1962. 341 p.

BULAVINTSEVA, N. E., and N. S. IARTSEV. [Wise force, sketches about Moscow construction workers] Mudraia sila, ocherki o moskovskikh stroiteliakh. [Moskva] Mosk. rabochii, 1962. 106 p.

BURYLEV, N. G. [Thermal conditions of open-hearth furnaces] Teplovye rezhimy martenovskikh pechei. Sverdlovsk, Metallurgizdat, 1962. 184 p.
[MICROFILM]

BUTAKOV, S. E. [Principles of the ventilation of hot metal-working plants] Osnovy ventilitatsii goriachikh tsekhov. Sverdlovsk, Metallurgizdat, 1962. 280 p.
[MICROFILM]

BYSTROV, IU. M. [Use of ultrasonics in electroplating] Primenenie ul'trazvuka v gal'vanicheskikh protsessakh. Leningrad, 1962. 20 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia. Elektricheskie metody obrabotki materialov, no. 6)

CARTIANU, GH. [Frequency modulation] Chastotnaia modulatsiia. [Bucharest] Izd-vo Akad. Rumynskoi Narodnoi Respubliki, 1961. 578 p.

CHEKMENEV, N. M., I. A. KRIVOBOKOV, and M. N. CHEREDKOV. [Signaling systems, their installation and maintenance] Ustroistva STsB, ikh montazh i soderzhanie. Moskva, Transzheldorizdat, 1962. 412 p.

CHERNUKHIN, A. E., ed. [English-Russian technical dictionary] Anglo-russkii politekhnicheskii slovar'. Moskva, Glav. red. inostr. nauchno-tekhn. slovarei Fizmatgiza, 1962. 663 p.

CHLUMSKÝ, VLADIMIR. [Piston compressors. Translated from the Czech] Porshnevye kompressory. Pod red. V. A. Rumiantseva. Moskva, Mashgiz, 1962. 402 p.

CHUDAKOV, D. A. [Fundamentals of the theory of tractors and motor vehicles] Osnovy teorii traktora i avtomobilia. Moskva, Sel'khozizdat, 1962. 311 p. (Uchebniki i uchebnye posobiia dlia vysshikh sel'skokhoziaistvennykh uchebnykh zavedenii)

[CONTRIBUTION OF LVOV SCIENTISTS TO INDUSTRY] Vcheni L'vova - vyrobnytstvu. L'viv, Knyzhkovo-zhurnal'ne vyd-vo, 1960. 70 p.

CRISTEA, N. [Underground hydraulics. Translated from the Rumanian] Podzemnaia gidravlika. Moskva, Gostoptekhizdat.
Vol. 2. 1962. 490 p.

DANDUROV, M. I., and N. M. KOROL'KOV. [Maintenance and reconstruction of tunnels] Soderzhanie i rekonstruktsiia tonnelei. Moskva, Transzheldorizdat, 1962. 185 p.

DEGTIAREV, N. M., and V. F. KONDRAT'EV [New methods of oil production] Novye metody neftedobychi Groznyi, Checheno-Ingushskoe knizhnoe izd-vo, 1961 66 p.

DENISOV, N. M. [Reinforced-concrete supports and their use in Kuznetsk Basin mines] Zhelezobetonnaia krep' i ee primenenie na shakhtakh Kuzbassa [Kemerovo] Kemerovskoe knizhnoe izd-vo, 1959. 177 p
[MICROFILM]

DESHKO, IU. I., M. D. KREIMER, and A. T. MAKHNOVICH, comps. [Materials on accident prevention and industrial hygiene in the building materials industry] Sbornik materialov po tekhnike bezopasnosti i proizvodstvennoi sanitarii v promyshlennosti stroitel'nykh materialov. Moskva, Gosstroiizdat, 1962. 634 p.

DESIATNIKOV, D. T., and others. [Lowering the dust content of mine air] Snizhenie zapylennosti rudnichnoi atmosfery. Moskva, Gosgortekhizdat, 1962. 175 p

DOBRONRAVOV, V. V. [Technique of space flights] Tekhnika kosmicheskikh poletov. Moskva, Izd-vo "Znanie," 1962. 30 p. (Novoe v zhizni, nauke, tekhnike. V Seriia: Tekhnika, no. 10)

DOMBROVSKAIA, N. M. [Radio engineering reader in German] Khrestomatiia po radiotekhnike na nemetskom iazyke; posobie dlia studentov, izuchaiushchikh inostrannyi iazyk. Moskva, Vysshaia shkola, 1961. 74 p.

DONDE, R. G., and E. N. RIABKOV. [Handbook on fittings and indicating and recording instruments for gas piping of industrial enterprises] Spravochnik po gazovoi armature i kontrol'no-izmeritel'nym priboram dlia promyshlennykh predpriiatii. Leningrad, Gostoptekhizdat, 1962. 363 p.

DONSKOI, V. M., and V. A. LANTSOV. [Mechanization of small-volume earthwork] Mekhanizatsiia zemlianykh rabot malykh ob"emov. Leningrad, 1962. 32 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia: Stroitel'naia promyshlennost', no. 13)

DOROFEEV, L. S. [Modernization of industrial equipment; practice in improving the design of machine tools, bridge cranes and other equipment of the Kuibyshev Plant] Modernizatsiia zavodskogo oborudovaniia; iz opyta raboty po usovershenstvovaniiu konstruktsii metallorezhushchikh stankov, mostovykh kranov i drugogo oborudovaniia zavoda imeni Kuibysheva. [Irkutsk] Irkutskoe knizhnoe izd-vo, 1962. 38 p.

DRUSKIN, L. I. [Gas burning in industrial furnaces and boiler units] Szhiganie gaza v promyshlennykh pechakh i kotlakh. Moskva, Gostoptekhizdat, 1962 263 p.

DRUZHININ, V. V. [Magnetic properties of electrical steel] Magnitnye svoistva elektrotekhnicheskoi stali. Moskva, Gosenergoizdat, 1962. 310 p.

DUBINSKII, L. M., and others. [The multiple-spindle 1261M and 1262M automatic lathes and 1261P and 1281P semiautomatic lathes; handbook on adjustment and servicing] Mnogoshpindel'nye tokarnye avtomaty 1261M, 1262M i poluavtomaty 1261P, 1262P; rukovodstvo po naladke i obsluzhivaniiu. Izd. 2. Pod red. G. F. Kostenko, P. P. Tarasinkovicha i L. A. Kapitskogo. Moskva, Mashgiz, 1960. 170 p.

DUBROVSKII, V. V. [Studying underground waters for purposes of supplying power installations] Izyskaniia podzemnykh vod dlia vodosnabzhenila energeticheskikh ob'ektov; metodicheskoe posobie. Moskva, Gosenergoizdat, 1962. 1962. 175 p.

DUMPE, V. E. [Electric-spark machining of metals] Elektroiskrovaia obrabotka metallov. [Novosibirsk] Novosibirskoe knizhnoe izd-vo, 1962. 53 p.

DURNEV, M. IA. [Electric drives for mining] Rudnichnyi elektroprivod. Moskva, Gosgortekhizdat, 1962. 334 p.

DZHVARSHEISHVILI, A. G. [Study and improvement of hydraulic filling operations in mines of the Tkibuli coal deposit] Issledovanie i usovershenstvovanie gidrorakladochnykh khozlaistv shakh Tkibul'skogo mestorozhdenila uglei. Tbilisi, Izd-vo Akad. nauk Gruzinskoi SSR, 1962. 215 p.

EGOROV, K. P. [Principles of multichannel communications] Osnovy mnogokanal'noi sviazi Moskva, Sviaz'izdat, 1962. 415 p.

ELEKTROSTAL'SKII ZAVOD TIAZHELOGO MASHINOSTROENIIA. [Shape mills; catalog and manual] Sortovye stany; katalog-spravochnik. Moskva, TsINTIMASH, 1962. 62 p.

EMEL'IANOV, L. A. [Filtration of diesel fuel] Fil'tratsiia dizel'nogo topliva. Moskva, Mashgiz, 1962. 105 p.

EMEL'IANOV, V. A. [Gamma rays and neutrons in field investigations for soil improvement purposes; theory and practice of the use of gamma-ray and neutron methods] Gamma-luchi i neitrony v polevykh pochvenno-meliorativnykh issledovaniiakh; teoriia i praktika primeneniia gamma-luchevykh i neitronnykh metodov. Moskva, Gosatomizdat, 1962. 221 p.

EPSHTEIN, A. S. [Variable operating conditions of turbocharged diesel engines] Peremennye rezhimy dvigatelei s gazoturbinnym nadduvom. Moskva, Mashgiz, 1962. 206 p.
[MICROFILM]

ERPSHER, IU. B. [Reliability and structure of automatic machine-tool systems] Nadezhnost' i struktura avtomaticheskikh stanochnykh sistem. Moskva, Mashgiz, 1962.

EVTEEV, I. P., S. I. OSIPOV, and M. P. PUSTOVOITOV. [The ChS1 and ChS3 electric passenger locomotives] Passazhirskie elektrovozy ChS1 i ChS3. Moskva, Transzheldorizdat, 1962. 158 p.

[EXPERTS IN THEIR PROFESSION] Mastera svoego dela. Moskva, Transzheldorizdat, 1962. 127 p. (Zheleznodorozhniki-poredoviki sotsialisticheskogo sorevnovaniia)

FEDOROVICH, M. M. [Production processes and their automation in chemical plants] Proizvodstvennye protsessy i ikh avtomatizatsiia na khimicheskikh predpriiatiiakh. Moskva, Mosk. inzhenerno-ekon. in-t im. Sorgo Ordzhonikidze, 1962. 51 p.

FEDOT'EV, N. P., and others. [Electrolytic alloys] Elektroliticheskie splavy. Pod red. N. P. Fedot'eva. Moskva, Mashgiz, 1962. 311 p.

FILICH, A. V. [Two plans fulfilled in one year] Za god - dva plana. Minsk, Gos. izd-vo BSSR, 1962. 26 p. (Bibliotechka novatora)

FURMANOV, B. M. [Contribution to the theory of spark prevention in inductive electrical networks] K voprosu o teorii iskrobezopasnosti induktivnykh elektricheskikh tsepei; tekhnicheskaia informatsiia k diskussii po nauchnym osnovam iskrobezopasnosti. Moskva, In-t gornogo dela im A. A. Skochinskogo, 1961. 57 p.
[MICROFILM]

GADZHIEVA, R. G., and IU. E. SINITSYNA. [Protective rubber coatings in the control of sea water corrosion] Rezinovye zashchitnye pokrytiia v bor'be s morskoi korroziei. Baku, Azerneshr, 1961. 68 p.

GAVRILENKO, V. A. [Gear transmissions in the manufacture of machinery; theory of involute gears] Zubchatye peredachi v mashinostroenii; teoriia evol'ventnykh zubchatykh peredach. Moskva, Mashgiz, 1962. 530 p.

GERONT'EV, V. I., and N. T. KARELIN. [Mine transportation] Rudnichnyi transport. Moskva, Gosgortekhizdat, 1962. 424 p.

GERSATOR, V. N. [Increasing allowable loading of spiral spur reducing gears] Povyshenie dopustimykh nagruzok tsilindricheskikh kosozubykh reduktorov. Leningrad, 1962. 26 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Serila: Mekhanicheskaia obrabotka, no. 9)

GLAZOV, G. A., ed. [Overall mechanization and automation of the serial production of machinery] Kompleksnaia mekhanizatsiia i avtomatizatsiia v serilnom mashinostroenii. Moskva, Mashgiz, 1962. 174 p.

GLUKHANOV, N. P., and V. N. BOGDANOV. [Welding metals with high-frequency heating] Svarka metallov pri vysokochastotnom nagreve. Moskva, Mashgiz, 1962. 189 p.

GOFMEKLER, V. A. [Drinking water; the hygiene of urban and rural water supplies] Pit'evaia voda, gigiena gorodskogo i sel'skogo vodosnabzhenila. Moskva, Medgiz, 1962. 36 p.

GOL'DENBLAT, I. I., and N. A. NIKOLAENKO. [Calculation of thermal stresses of nuclear reactors] Raschety temperaturnykh napriazhenii v iadernykh reaktorakh. Moskva, Gosatomizdat, 1962. 168 p.

GOLDOVSKII, E. M. [Principles of wide-film cinematography] Printsipy shirokoformatnogo kinematografa. Moskva, Iskusstvo, 1962. 210 p.

GOLOVKIN, B. I. [Large-panel construction of dwellings in Kazakhstan] Krupnopanel'noe stroitel'stvo zhilishch v Kazakhstane. Alma-Ata, Kazakhskoe gos. izd-vo, 1962. 284 p.

GORBACHEV, T. F., ed. [Siberian scientists' contributions to the development of the Kuznetsk Basin] Uchenye Sibiri - Kuzbassu. [Kemerovo] Kemerovskoe knizhnoe izd-vo, 1961. 355 p.
--- --- --- [Summary] Annotatsiia. Novosibirsk, 1962. 6 p.

GORIACHEVA, I. A. [Construction and operation of plastic water pipes in Leningrad] Opyt stroitel'stva i ekspluatatsii plastmassovykh vodoprovodov v Leningrade. Leningrad, 1962. 24 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Serlia: Stroitel'naia promyshlennost', no. 16)

GOSPODINOV, G. V., and others. [Handbook of practical assignments in surveying] Rukovodstvo k prakticheskim zaniatiiam po geodezii, kameral'nye raboty. Moskva, Mosk. gos. univ. im. M. V. Lomonosova, 1962. 118 p.

GOSUDARSTVENNYI ULIANOVSKII AVTOMOBIL'NYI ZAVOD. [Catalog of spare parts of the UAZ-451 and UAZ-451D motortrucks] Katalog zapasnykh chastei avtomobilei UAZ-451 i UAZ-451D. Moskva, Mashgiz, 1962. 107 p.

GRIGOR'EV, A. A. [In response to a challenge] Tam gde trudnee. [Leningrad] Lenizdat, 1961. 76 p. (Novatory leningradskoi promyshlennosti)

GRINEVICH, G. P. [Mechanization and automation of loading and unloading operations and warehouses in railroad transportation] Mekhanizatsiia i avtomatizatsiia pogruzochno-razgruzochnykh rabot i sklady na zheleznodorozhnom transporte. Moskva, Transzheldorizdat, 1962. 355 p.

GRINIO, V. A., V. I. KRYLOV, and A. K. OZOLIN. [Engineer's valves] Krany mashinista. Izd. 2., dop. Moskva, Transzheldorizdat, 1962. 74 p.

IGNATOV, N. P. [Pegging and retracting the routes of pipelines] Razbivka i vosstanovlenie trass truboprovodov; prakticheskoe posobie po geodezii. Moskva, Gostoptekhizdat, 1962. 35 p.

IL'ENKO, O. G. [Motor-vehicle fuels and lubricants] Avtomobil'nye topliva i smazochnye materialy. Novocherkassk, Redaktsionno-izdatel'skii otdel NPI, 1960. 112 p.

IL'IN, K. P., and N. I. SHISHKIN. [Manual on freight weighing] Spravochnik po vesovomu khoziaistvu. Moskva, Transzheldorizdat, 1962. 318 p.

IOFFE, A. IA., ed. [Control of rejects and quality improvement of gray iron castings] Bor'ba s brakom i povyshenie kachestva otlivok iz serogo chuguna. Leningrad, 1962. 93 p. [Leningradskii dom nauchno-tekhnicheskoi propagandy. Serlia: Liteinoe proizvodstvo)

IVANOV, S. Z. [Complex processing of granulated sugar] Kompleksnaia pererabotka sakhara-peska. Moskva, Pishchepromizdat, 1962. 66 p.

IVASHCHENKO, N. N. [Automatic control; theory and elements of control systems] Avtomaticheskoe regulirovanie, teoriia i elementy sistem. 2., ispr. i dop izd. Moskva, Mashgiz, 1962. 628 p.

JAKUBASCHK, HAGEN [Magnetic tape recording techniques] Praktika magnitnoi zvukozapisi. Moskva, Gosenergoizdat, 1962. 31 p. (Massovia radiobibliotеka, no. 435)

KACHURIN, V. K. [The theory of suspension systems, static analysis] Teoriia visiachikh sistem, staticheskii raschet. Leningrad, Gosstroiizdat, 1962. 222 p.

KALASHNIKOV, A. M., and IA. V. STEPUK. [Fundamentals of radio engineering and radar; oscillatory systems] Osnovy radiotekhniki i radiolokatsii; kolebatel'nye sistemy. Izd. 2., perer. Moskva, Voenizdat, 1962. 365 p.

KALEDIN, P. V. [What the owner of a television receiver should know] Chto nado znat' vladel'tsu televizora. Alma-Ata, Kazakhskoe gos. izd-vo, 1962. 235 p.

KALININA, V. P., and D. P. KOZLOV. [Electrician of municipal telephone exchanges] Montor gorodskikh telefonnykh stantsii. Moskva, Sviaz'izdat, 1962. 205 p. (Posobiia dlia sviazistov massovykh professii)

KAMYSHEV, P. A. [Practice of contour grinding] Praktika profil'nogo shlifovaniia, iz opyta instrumental'shchikov Gor'kovskogo avtozavoda. Pod red. E. I. Fel'dshteina. Izd. 3., dop. [Gor'kii] Gor'kovskoe knizhnoe izd-vo, 1962. 403 p.

KANARDOV, I. P. [Sewage irrigation] Oroshenie stochnymi vodami. [Moskva] Mosk. rabochii, 1962. 39 p. (V pomoshch' meliioratoru)

KARIAKIN, L. I. [Petrography of refractory materials] Petrografiia ogneuporov. Khar'kov, Metallurgizdat, 1962. 314 p.

KAVALERCHIK, M. IA. [Pneumatic conveying in textile enterprises] Pnevmaticheskii transport na predpriiatiiakh tekstil'noi promyshlennosti. Moskva, Rostekhizdat, 1962. 85 p.

KAZARINOV, V. M., and L. G. FOKHT. [Universal construction equipment] Universal'nye stroitel'nye mashiny. Moskva, Mashgiz, 1962. 167 p.

KELLER, A. A., SH. M. RABER, and I. B. PLITMAN. [Operator of an automobile service station] Operator avtozapravochnoi stantsii. Moskva, Gostoptekhizdat, 1962. 137 p.

KHADZHIKOV, R. N. [Mining machinery] Gornaia mekhanika. Izd. 4., perer. i dop. Moskva, Gosgortekhizdat, 1962. 466 p.

KHAKHANIN, V. P. [Experimental investigation of the stressed state of the crankshaft of the 6 CH 23/30 engine] Eksperimental'noe issledovanie napriazhennogo sostoianiia kolenchatogo vala dvigatelia 6 CH 23/30. Gor'kii, Gor'kovskaia nauchno-issl. laboratoriia ispytaniia materialov, 1959. 16 p.
[MICROFILM]

KHEIFETS, L. M. [Technical and economic problems of the design and modernization of printing machinery] Tekhniko-ekonomicheskie voprosy konstruirovaniia i modernizatsii poligraficheskikh mashin. Moskva, Izd-vo "Iskusstvo," 1962. 232 p.

KHIGEROVICH, M. I., and A. P. MERKIN. [Intensification of the making of cellular concrete by using vibration] Intensifikatsiia izgotovleniia iacheistykh betonov putem primeneniia vibrirovaniia; doklad na seminare prepodavatelei i aspirantov stroitel'no-tekhnologicheskogo fakul'teta i na XX nauchno-issledovatel'skoi konferentsii instituta. Moskva, Mosk. inzhenerno-stroit. in-t im. V. V. Kuibysheva, 1961. 14 p.

KHORUNZHII, V. A., IU. M. RIBAS, and S. S. NEDOSEKOV. [Explosion-proof electrical equipment] Vzryvozashchishchennoe elektrooborudovanie. Moskva, Gosenergoizdat, 1962. 319 p.

KIGEL', G. D. [Geodetic alignment in assembly work] Geodezicheskaia vyverka na montazhnykh rabotakh. Moskva, Profizdat, 1962. 70 p. (Biblioteka molodogo rabochego)

KIRILLOVA, A. G. [Technical and economic indices of finishing work in housing and public construction] Tekhniko-ekonomicheskie pokazateli otdelochnykh rabot v zhilishchno-grazhdanskom stroitel'stve. Moskva, Gosstroiizdat, 1962. 118 p.

KLIMOVSKII, E. M. [Using 2SG stationary compressors in blowing through pipelines. Experience of the Welding and Assembly Trust of the Main Administration of Urban Gas Supply of the U. S. S. R.] Ispol'zovanie statsionarnykh kompressorov tipa 2SG pri produvke truboprovodov, iz opyta Svarochno-montazhnogo tresta Glavgaza SSSR. Moskva, VNIIST Glavgaza SSSR redaktsionno-izd. otdel, 1961. 26 p.

KOCHUROV, N. I., and V. I. TSVETNIKOV. [Hydraulic systems of tractors and agricultural machines] Gidravlicheskie sistemy traktorov i sel'skokhozialstvennykh mashin. Moskva, Mashgiz, 1962. 176 p.

KOLESNIKOV, V. P., N. V. KUBAREV, and B. I. AVDEEV. [Advanced technological processes in the machinery industry] Progressivnye tekhnologicheskie protsessy v mashinostroenii. [Kaliningrad] Kaliningradskoe knizhnoe izd-vo, 1962. 110 p. (Peredovoe - v proizvodstvo)

[MICROFILM]

KOLPAKOV, A. L., and V. B. LOSEV. [Bountiful chemistry of organosilicon compounds] Shchedraia kremniiorganika. Moskva, Izd-vo "Znanie," 1962. 37 p. (Novoe v zhizni, nauke, tekhnike. IV Seriia. Tekhnika, no. 21)

KOLTYPIN, S. G. [Removing scale from the cooling systems of motor-vehicle engines] Udalenie nakipi iz sistemy okhlazhdeniia avtomobil'nykh dvigatelei. Moskva, Avtotransizdat, 1962. 60 p.

KOMAROV, M. S. [Loads of industrial machinery] Nagruzki proizvodstvennykh mashin. Moskva, Mashgiz, 1962. 80 p. (Nauchno-populiarnaia biblioteka molodogo rabochego)

[MICROFILM]

KONDEROV, A. I. [Construction workers master new professions] Stroiteli osvaivaiut novye professii. [Moskva] Mosk. rabochii, 1962. 69 p.

KONONOV, IU. V., and A. S. NIKIFOROV. [Improvements in the technology of the assembly of bridge cranes] Usovershenstvovaniia v tekhnologii sborki mostovykh kranov. Izd. 2. Moskva, Mashgiz, 1962. 86 p. (Biblioteka slesaria-montazhnika, no. 5)

KONOVALOV, P. F., B. V. VOLKONSKII, and A. P. KHASHKOVSKAIA. [Atlas of the microstructures of cement clinkers, refractories, and slags] Atlas mikrostruktur tsementnykh klinkerov, ogneuporov i shlakov. Pod red. N. A. Toropova. Leningrad, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1962. 204 p.

KOROLEV, D. A., L. I. CHEKAN, and M. T. DENSHCHIKOV. [Technology of the production of soft drinks] Tekhnologiia bezalkogol'nykh napitkov. Moskva, Pishchepromizdat, 1962. 514 p.

KOSTRIUKOV, V. A. [Collection of examples of calculations for heating and ventilation] Sbornik primerov rascheta po otopleniiu i ventilatsii. Moskva, Gosstroiizdat.
Pt. 2. [Ventilation] Ventiliatsiia. 1962. 198 p.

KOVALEVSKAIA, V. V., and A. E. BARTMER. [The TsCh-1 digital discrete frequency meter] TSifrovoi diskretnyi chastotomer TsCh-1. Leningrad, 1962. 22 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia: Pribory i elementy avtomatiki, no. 5)

KOVARSKII, E. M. [Repair of electrical machinery] Remont elektricheskikh mashin. Izd. 5., peresm. i dop. Moskva, Gosenergoizdat, 1962. 287 p.

KRASIVSKII, S. P. [Present trends in the development of industrial automatic control] Kuda idet razvitie avtomatizatsii. [Moskva] Mosk. rabochii, 1962. 102 p.

KRASNIANSKAIA, T. M. [Methodology of the analysis of fabric utilization in clothing manufacture] Metodika analiza ispol'zovaniia tkani v shveinom proizvodstve. Leningrad, 1962. 33 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Seriia: Shveinaia promyshlennost')

KRASNOV, N. P., and others. [Home and family life] Dom i byt. [Moskva] Izd-vo M-va kommun. khoz. RSFSR, 1962. 315 p.

KRASOVSKII, I. [Television camera operator] Televizionnyi operator. Moskva, [Izdatel'skii otdel Gos. kom-ta po radioveshchaniiu i televideniiu pri Sovete Ministrov SSSR,] 1962. 79 p. (Bibliotechka rabotnika radioveshchaniia i televideniia)

KRIVOSHEIN, D. I. [Experience in the installation of 150 Mw turbogenerators] Iz opyta montazha turboagregatov moshchnost'iu 150 Mvt. Moskva, Orgenergostroi, 1962. 36 p. (Iz opyta energeticheskogo stroitel'stva)

KUDENTSOV, N. D. [Cook's guide to food products] Tovarovedenie prodovol'stvennykh tovarov dlia kulinarov. Moskva, Gostorgizdat, 1962. 267 p.

KUGUSHEV, I. D. [Fundamentals of the theory of the design of papermaking machinery] Osnovy teorii rascheta bumagodelatel'nykh mashin, konspekt lektsii. Leningrad, Leningr. politekhn. in-t im. M. I. Kalinina.
Part 2. 1962. 117 p.

KULAGA, V. L. [Clubs in large-scale construction] Kluby massovogo stroitel'stva. Moskva, Gosstroiizdat, 1962. 163 p.

KULAGIN, N. N., and P. I. DUDAEV. [Production norms in railroad transportation] Normirovanie truda na zheleznodorozhnom transporte. Moskva, Transzheldorizdat, 1962. 214 p.

KURCHASHOVA, V. A., and L. P. TOMFEL'D. [Inspection and maintenance of the electrical machinery of electric-rolling stock] Osmotr i tekushchii remont elektricheskikh mashin elektropodvizhnogo sostava. Moskva, Transzheldorizdat, 1962. 102 p.

KURCHENKO, V. I. [Use of electric-spark machining in the manufacture of metalworking tools] Primenenie elektroerozionnoi obrabotki v instrumental'nom proizvodstve. Leningrad, 1962. 17 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia: Mekhanicheskaia obrabotka metallov, no. 10)

KURIUKIN, S. A. [Systems of gas supply to consumers] Sistemy gazosnabzheniia predpriiatii. Leningrad, Gostoptekhizdat, 1962. 293 p.

KUZ'MICHEV, V. I., ed. [The lights of the Volgograd State Regional Electric Power Plant] Ogni Volgogradskoi GRES. [Volgograd] Volgogradskoe knizhnoe izd-vo, 1962. 113 p.

KUZNIK, I. A. [Hydraulic calculations in planning hydraulic structures in the Volga Valley] Gidrologicheskie raschety pri proektirovanii gidrotekhnicheskikh sooruzhenii v Povolzh'e. [Saratov] Saratovskoe knizhnoe izd-vo, 1962. 30 p.

LADYZHENSKII, R. M. [Air conditioning] Konditsionirovanie vozdukha. 3. izd., perer. i dop. Moskva, Gostorgizdat, 1962. 360 p.

LANDO, S. IA. [Welding of body elements] Svarka korpusnykh detalei. [Moskva] Mosk. rabochii, 1962. 51 p. (Novatory semiletki)

LANTSOV, V. A. [Mechanization of the major repair of apartment houses] Opyt mekhanizatsii kapital'nogo remonta zhilykh domov. [Leningrad] Lenizdat, 1961. 117 p.

LEBEDOVSKII, M. S. [Mechanizing the packing of transformers with laminar iron] Mekhanizatsiia nabivki transformatorov plastinchatym zhelezom. Leningrad, 1962. 24 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia: Mekhanicheskaia obrabotka metalla, no. 22)

LENINGRADSKII DOM NAUCHNO-TEKHNICHESKOI PROPAGANDY. Nauchno-tekhnicheskaia biblioteka. [Aesthetics in technology; a bibliography] Estetika v tekhnike, bibliograficheskii ukazatel'. Sost. I. V. Ivanova i V. V. Toropkov. Pod red. I. A. Vaks. Leningrad, 1962. 34 p.

LEONOV, I. P. [Automatic lines for the production of tomato paste; adjustment and operation regulations] Avtomatizirovannye linii dlia proizvodstva tomatnoi pasty, naladka i pravila ekspluatatsii. Moskva, Pishchepromizdat, 1962. 91 p. (Uchebnoe posobie dlia podgotovki kadrov massovykh professii)

LEPSKII, A. V., and E. V. EROFEEV. [Selecting the means of mechanization in the loading and unloading operations for stations with small and medium freight turnover] Vybor sredstv mekhanizatsii pogruzochno-razgruzochnykh rabot dlia stantsii s malym i srednim gruzooborotom. Moskva, Transzheldorizdat, 1962. 35 p.

LEV, N. IA. [Large-panel and large-block construction] Krupnopanel'noe i krupnoblochnoe stroitel'stvo. Riga, Latviiskoe gos. izd-vo, 1962. 243 p.

LEVACHEV, V. V. [Methods of designing lumbering enterprises] Metody proektirovaniia lesozagotovitel'nykh predpriiatii. Moskva, Goslesbumizdat, 1960. 91 p. fold. plans.
(CU)

LIAKHOV, G. M., and G. I. POKROVSKII. [Blast waves in the ground] Vzryvnye volny v gruntakh. Moskva, Gosgeoltekhizdat, 1962. 101 p.

LIPIAVKIN, A. F., and G. F. BORISENKO. [Apartment houses built of silicate and mesh-reinforced silicate blocks without cement] Stroitel'stvo bestsementnykh zhilykh domov iz silikatnykh i armosilikatnykh blokov. Moskva, Gosstroiizdat, 1962. 56 p. (Opyt stroitel'stva v Volgograde)

LITVINOV, P. P. [Framed-slab foundations in housing and public construction] Ramno-panel'nye fundamenty v zhilishchno-grazhdanskom stroitel'stve. (Leningrad, 1962. 10 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia: Stroitel'naia promyshlennost', no. 11)

LITVINOV, S. V. [Radio broadcasting equipment at the Exhibition of the Achievements of the National Economy of the U. S. S. R.; exposition of 1960] Radioveshchatel'naia apparatura na VDNKh, ekspozitsiia 1960 g. Moskva, Gosenergoizdat, 1961. 71 p. (Massovaia radiobibliioteka, no. 402)

LIUDINOVSKII TEPLOVOZOSTROITEL'NYI ZAVOD. [The TGM3 diesel locomotive; operation and maintenance manual] Teplovoz TGM3, rukovodstvo po ekspluatatsii i obsluzhivaniiu. Moskva, Transzheldorizdat, 1962. 200 p.

LIVSHITS, L. S. [Role of alloyed steel composition on the conservation of structural homogeneity and the properties of welded joints during protracted heat time] Rol' sostava legirovannykh stalei v sokhranenii strukturnoi odnorodnosti i svoistv svarnykh soedinenii pri dlitel'nykh rabochikh nagrevakh. Moskva, VNIIST Glavgaza SSSR. Redaktsionno-izd otdel, 1962. 56 p.

LOGINOV, V. P. [Ways of increasing efficiency in developing the mining industry of the northeastern U. S. S. R.] Puti povysheniia effektivnosti razvitiia gornoi promyshlennosti Severo-Vostoka SSSR. Moskva, Izd-vo Akad. nauk SSSR, 1962. 179 p.

LOMASHOV, I. P., and B. I. LOSEV. [Germanium in coals] Germanii v likopasmykh ugliakh. Moskva, Izd-vo Akad. nauk SSSR, 1962. 267 p.

LOVCHIKOV, V. S. [Melting of copper and copper-base alloys, third lecture of the course "Production of alloys and ingot casting" for students studying "Founding of ferrous and nonferrous metals and alloys"] Plavka medi i splavov na osnove medi; lektsiia tret'ia po kursu "Proizvodstvo splavov i lit'e slitkov dlia studentov spetsial'nosti "Liteinoe proizvodstvo chernykh i tsvetnykh metallov i splavov." Moskva, Vses. zaochnyi politekhn. in-t, 1956. 84 p.

LUGOVSKII, S. I. [Ventilating deep mines] Provetrivanie glubokikh rudnikov. Moskva, Gosgortekhizdat, 1962. 322 p.

LUGOVSKOI, V. V. [Improvement of the strip mining of coal in the Kuznetsk Basin] Sovershenstvovanie otkrytoi dobychi uglia v Kuzbasse. [Kemerovo] Kemerovskoe knizhnoe izd-vo, 1960. 43 p.
[MICROFILM]

MACHKOVSKII, G. I., comp. [French-Russian dictionary on cement and concrete] Frantsuzsko-russkii slovar' po tsementu i betonu. Pod red. M. I. Khigerovicha. Moskva, Gosstroiizdat, 1962. 310 p.

MAKHMUDOV, M N. [Effect of some factors on the process of cementing wells] Vliianie nekotorykh faktorov na protsess tsementirovki skvazhin. Baku, Azernesh., 1962. 86 p.

MALAKHOVSKII, V. F., S. D. SHARGORODSKII, and L. A. SUSHITSKII. [Mineral resources of the Crimea and their utilization in chemical industries] Mineral'nye bogatstva Kryma - khimicheskoi promyshlennosti. Simferopol', Krymizdat, 1959. 37 p.

MALEVANAIA, S. V., and others. [Mechanization on a small scale in Kuznetsk Basin mines] Malaia mekhanizatsiia na shakhtakh Kuzbassa [Kemerovo] Kemerovskoe knizhnoe izd-vo, 1959 99 p. [MICROFILM]

MALKOV, A. M. [Technology of baker's and feed yeasts] Tekhnologiia khlebopekarnykh i kormovykh drozhzhei. Moskva, Pishchepromizdat, 1962. 236 p.

MAMONOV, E. I [Universal computers, instruction coding systems, control, problems of operating speed, efficiency, and reliability] Universal'nye vychislitel'nye mashiny, sistemy kodirovaniia komand, upravlenie, voprosy skorodeistviia, proizvoditel'nosti i nadezhnosti Moskva, Gosatomizdat, 1961. 113 p.

[MANUAL ON MALT AND BEER PRODUCTION] Spravochnik po proizvodstvu soloda i piva. Pod obshchei red. M. T. Denshchikova Moskva, Pishchepromizdat, 1962. 862 p.

MARGOLIS, L. IA. [Heterogeneous catalytic oxidation of hydrocarbons; synthesis of monomers] Geterogennoe kataliticheskoe okislenie uglevodorodov; sintez monomerov. Moskva, Gostoptekhizdat, 1962. 246 p.

MARKOVA, K D , and E. F SHKOL'NIKOVA [Technology of the refrigeration of food products] Kholodilnaia tekhnologiia pishchevykh produktov. Moskva, Gostorgizdat, 1962. 156 p

MASLOV, I. G. [Leather manufacture] Kozhevennoe proizvodstvo. Izd. 4., perer. i dop. Moskva, Rostekhizdat, 1962. 330 p

MASLOV, N. N., and N. M. SHUL'GA. [Automatic devices for program control of the running-in and testing of engines] Avtomaticheskie programmnye ustroistva dlia upravleniia protsessom pritirabotki i ispytaniia dvigatelei. Leningrad, 1962. 21 p (Leningradskii dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia: Mekhanicheskaia obrabotka, no. 6)

MEDVEDEV, N. F. [Wheel pairs of electrified rolling stock] Kolesnye pary elektropodvizhnogo sostava. Moskva, Transzheldorizdat, 1962. 42 p. (Bibliotechka mashinista elektrovoza)

MERKUR'EV, N. D. [Asbestos and searching for it] Asbest i ego poiski. Izd. 2. Moskva, Gosgeoltekhizdat, 1962. 23 p. (Bibliotechka iskatelia poleznyk iskopaemykh)

[METAL-CUTTING TOOLS, drills and centering tools] Rezhushchii instrument; sverla i tsentrovochnyi instrument. Izd. ofitsial'noe. Moskva, Standartgiz, 1962. 67 p. (SSSR. Gosudarstvennye standarty)

MEZENTSEV, V. A. [World of polymers] Mir polimerov. Moskva, Izd-vo "Znanie," 1962. 55 p. (Novoe v zhizni, nauke, tekhnike. IV Seriia: Tekhnika, no. 2)

MEZHDUNARODNAIA KONFERENTSIIA PO PRIMENENIIU RADIOIZOTOPOV V FIZICHESKIKH NAUKAKH I PROMYSHLENNOSTI, Copenhagen, 1960. [Production and application of radioisotopes, selected papers by foreign scientists] Poluchenie i primenenie radioaktivnykh izotopov; izbrannye doklady inostrannykh uchenykh. Pod red. V. V. Bochkareva. Moskva, Gosatomizdat, 1962. 287 p.

MEZHVUZOVSKAIA NAUCHNAIA KONFERENTSIIA PO MEKHANIZATSII I AVTOMATIZATSII RAZVEDOCHNOGO BURENIIA, Moscow, 1960. [Transactions of the Interuniversity Conference on Mechanization and Automation of Exploratory Drilling] Trudy. Moskva, Gosgeoltekhizdat, 1962. 201 p.

MEZHVUZOVSKAIA NAUCHNAIA KONFERENTSIIA PO PROBLEMAM OTOPLENIIA ZHILYKH I OBSHCHESTVENNYKH ZDANII, Minsk, 1960. [Proceedings of the Interuniversity Conference on Problems of Heating Residential and Public Buildings] Trudy. Minsk, Izd-vo MVSS i PO BSSR, 1962. 285 p.

MIASNIKOV, V. F. [Work practices in the production of technical motion pictures in industrial enterprises and other organizations] Opyt sozdaniia tekhnicheskikh kinofil'mov na predpriiatiiakh i v organizatsiiakh. Leningrad, 1962. 14 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Seriia. Metodika postanovki nauchno-tekhnicheskoi informatsii i propagandy)

MIDDLETON, DAVID [An introduction to statistical communication theory Translated from the English] Vvedenie v statisticheskuiu teoriiu sviazi. Pod red B. R. Levina. Moskva, Izd-vo "Sovetskoe radio." Vol 1 1961. 781 p

MIGUKIN, A. T [Repairing the metal components of the K-32 and LAZ-690 truck-mounted cranes, experience of the Main Administration for Housing and Public Construction of Leningrad] Remont metallokonstruktsii avtomobil'nykh kranov K-32 i LAZ-690; opyt Glavleningradstroia. Leningrad, 1962. 27 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia. Stroitel'naia promyshlennost', no. 7).

MIHOVK, E. P., and V. O. IERES'KO. [Laboratory work in general heat engineering] Laboratorni roboty z zahal'noi teplotekhniky. [L'viv] Vyd-vo L'vivs'kogo univ., 1960. 154 p.

MIKHAILOV, A. K. [New building materials made of local raw material] Novye stroitel'nye materialy iz mestnogo syr'ia. Cheboksary, Chuvashskoe gos. izd-vo, 1961. 105 p.

MINSKII GOSUDARSTVENNYI AVTOMOBIL'NYI ZAVOD [Minsk Automobile Plant] Minskii avtomobil'nyi zavod. [Minsk, Gos. izd-vo BSSR, 1962] 1 v. (chiefly illus)

MISUNOV, S. M. [Mechanisms should be fully loaded] Mekhanizmam - polnuiu nagruzku. Minsk Gos. izd-vo BSSR, Red. proizvodstvennoi lit-ry, 1962. 26 p. (Bibliotechka novatora)

MORGULIS, M. L , and L. M. POLOTSKII [Devices for determining the resistance of hard materials to grinding, from materials of the All-Union Research Institute of New Building Materials of the Academy of Construction and Architecture of the U. S. S. R.] Pribory dlia opredeleniia soprotivliaemosti tverdykh materialov izmel'cheniiu, po materialam VNIINSM ASIA SSSR. Moskva, Gosstroiizdat, 1962. 19 p.

MOROZOV, P. A., and V. I. OSOSKOV. [Foreman in an industrial plant] Master na predpriiatii. [Moskva] Mosk. rabochii, 1962. 141 p.

MOSCOW. GOSUDARSTVENNYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT NAUCHNOI I TEKHNICHESKOI INFORMATSII. [Exchange of experience in continuous soap production] Obmen opytom po nepreryvnomu proizvodstvu myla. Moskva, 1962. 110 p.

MOSCOW. NAUCHNO-ISSLEDOVATEL'SKII INSTITUT AVTOMOBIL'NOGO TRANSPORTA. [Operating and technical characteristics and the use of motor-vehicle fuels, lubricants and special-purpose liquids] Eksploatatsionno-tekhnicheskie svoistva i primenenie avtomobil'nykh topliv, smazochnykh materialov i spetszhidkostei, sbornik statei. Moskva, Avtotransizdat, 1959. 84 p. [MICROFILM]

MOSCOW. TSENTRAL'NYI INSTITUT NAUCHNO-TEKHNICHESKOI INFORMATSII MASHINOSTROENIIA. [Catalog, technical equipment of dairy industry enterprises] Katalog; tekhnologicheskoe oborudovanie predpriiatii molochnoi promyshlennosti. Moskva, 1962. 123 p.

MOSCOW. TSENTRAL'NYI INSTITUT NAUCHNO-TEKHNICHESKOI INFORMATSII MASHINOSTROENIIA. [New printing machinery] Novaia poligraficheskaia tekhnika. Moskva, 1962. 104 p. (Seriia X. Poligraficheskoe mashinostroenie)

MOSCOW. TSENTRAL'NYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT MEKHANICHESKOI OBRABOTKI DREVESINY. [Problems of the preservation of wood] Voprosy zashchity drevesiny; sbornik statei, Moskva, Goslesbumizdat, 1961. 210 p.

MOSCOW. TSENTRAL'NYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT SHELKOVOI PROMYSHLENNOSTI. [Research papers; collected work of the Central Scientific Research Institute of the Silk Industry in 1960] Nauchno-issledovatel'skie trudy; sbornik rabot za 1960 god. Pod red. N. D. Morozovoi. Moskva, Rostekhizdat, 1962. 200 p.

MOSCOW, VSESOIUZNYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT POD"EMNO-TRANSPORTNOGO MASHINOSTROENIIA [Bridge cranes] Krany mostovye. Moskva, Otdel tekhn. informatsii, 1961 138 p.

MOSHINSKII, L. G., and V. A. SHCHELKANOV. [Underground working of Ural iron ore deposits] Podzemnaia razrabotka zhelezorudnykh mestorozhdenii Urala Moskva, Gosgortekhizdat, 1962. 138 p.

MOSHKOV, A. D. [Friction and wear of porous ceramic metal materials] Trenie i iznos poristykh metallokeramicheskikh materialov. Tashkent, Gosizdat UzSSR, 1962. 101 p.

MOSIN, N I [Manufacture of rubber footwear] Proizvodstvo rezinovoi obuvi. Izd. 2., perer. i dop. Moskva, Goskhimizdat, 1962. 333 p

MYLKO, S N., and V. S. TARASOVYCH. [New developments in foundry practice in the Ukraine] Novoe u lyvarnomu vyrobnytstvi Ukrainy. Kyiv, Derzhtekhvydav URSR, 1962. 31 p.

NAHULA, H. IE , V. S. KALISS'KYI, and O. I. MANZON. [Manual for a driver of the third class] Pidruchnyk shofera tret'oho klasu. Vyd. 2., perer. ta dop Kyiv, Derzhtekhvydav URSR, 1962. 457 p

NARTOV, I. M., comp. [English-Russian dictionary on gas turbine systems, with a supplementary alphabetical index of Russian terms] Anglo-russkii slovar' po gazoturbinnym ustanovkam; s prilozheniem alfavitnogo ukazatelia russkikh terminov. Leningrad, Sudpromgiz, 1962. 214 p.

NAUCHNO-TEKHNICHESKOE OBSHCHESTVO ENERGETICHESKOI PROMYSHLENNOSTI. Belorusskoe respublikanskoe otdelenie. [Thermal and electric power] Teploenergetika, nauchno-tekhnicheskii sbornik Minsk, 1961. 80 p. [MICROFILM]

NAUCHNO-TEKHNICHESKOE OBSHCHESTVO MOSKOVSKOGO METROPOLITENA IMENI V. I. LENINA. [Brief review of the subways of the world] Kratkii obzor metropolitenov mira. Moskva, 1958. 115 p

NEDOREZOV, V. E. [Pledge of success] Zalog uspekha. [Leningrad] Lenizdat, 1961. 37 p.

NEFEDOV, N. A., and K. A. OSIPOV. [Problems and examples of metal cutting and metal-cutting tools] Sbornik zadach i primerov po rezaniiu metallov i rezhushchemu instrumentu. Moskva, Mashgiz, 1962. 224 p.

NENAKHOV, P. Z. [Manual for the baggage-weighing and issuing attendant] Spravochnik vesovshchika-razdatchika bagazha. Moskva, Transzheldorizdat, 1962. 210 p.

[NEW BUILDING MATERIALS OF THE KUZNETSK BASIN] Novye stroitel'nye materialy Kuzbassa [Kemerovo] Kemerovskoe knizhnoe izd-vo, 1960. 30 p. (Bibliotechka stroitelia) [MICROFILM]

NIKULIN, V. M. [Reuse of refractory materials] Vtorichnoe ispol'zovanie ogneuporov. Moskva, Metallurgizdat, 1962. 91 p.

NOVIKOV, I. T. [Growth of power engineering and the creation of a consolidated electric power system in the U. S. S. R.] Razvitie energetiki i sozdanie edinoi energeticheskoi sistemy SSSR. Moskva, Ekonomizdat, 1962. 240 p.

NOVIKOV, M. P. [Fundamentals of technological processes for the assembly of machinery and mechanisms] Osnovy tekhnologii sborki mashin i mekhanizmov. Izd. 3., perer. i dop. Moskva, Mashgiz, 1962. 651 p.

NOVIKOV, N. S. [Organization of the exchange of information on work practices in the "Bol'shevichka" Clothing Factory in Leningrad] Organizatsiia raboty po obmenu peredovym opytom na leningradskoi shveinoi fabrike "Bol'shevichka", stenogramma lektsii, prochitannoi v LDNTP na seminare dlia rabotnikov shveinoi promyshlennosti. Leningrad, 1962. 26 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Seriia: Shveinia promyshlennost')

OBUKHOV, L. M., and IU G. RED'KIN. [Snow removal from switches] Ochistka strelok ot snega. Moskva, Transzheldorizdat, 1962. 34 p.

OKUN', E. L. [Calculation and design of radio transmitters] Raschet i proektirovanie radioperedatchikov Leningrad, Sudpromgiz, 1962. 414 p.

OLEINIKOV, V. A., and N. S. ZOTOV. [Automatic control of technological processes in the petroleum and petrochemical industries] Avtomaticheskoe regulirovanie tekhnologicheskikh protsessov v neftianoi i neftekhimicheskoi promyshlennosti. Leningrad, Gostoptekhizdat, 1962. 321 p.

OLEINIKOVA, G. A. [Chute drawer and hauler] Liukovoi-provozhatyi. Moskva, Gosgortekhizdat, 1962. 115 p.

ORLIN, A. S., and others. [Internal combustion engines] Dvigateli vnutrennego sgoraniia. Pod red. A. S. Orlina. Moskva, Mashgiz.
Vol. 2. [Design and calculations] Konstruktsiia i raschet. Izd. 2, perer. i dop. 1962. 370 p.

ORLOV, V. O. [Frost heaving of finely dispersed soils] Kriogennoe puchenie tonkodispersnykh gruntov. Moskva, Izd-vo Akad. nauk SSSR, 1962. 186 p.

OSEPIAN, A. M. [Technical and economic calculations in power engineering] Tekhniko-ekonomicheskie raschety v energetike. Erevan, Armianskoe gos. izd-vo, 1962. 121 p.

OSIPOV, M. I., and A. P. SEDOV. [Instruction in special masonry techniques] Prepodavanie spetsial'noi tekhnologii kamennykh rabot. Moskva, Profizdat, 1962. 153 p.

OSOBOV, Z., G. MORENKO, and V. SHAFIR. [Gas as fuel for engines] Gaz - motornoe toplivo. [Stavropol'] Stavropol'skoe knizhnoe izd-vo, 1962. 40 p.

OSTROUSHKO, I. A. [Mining processes and instruments in rock drilling] Zaboinye protsessy i instrumenty pri burenii gornykh porod. Moskva, Gosgortekhizdat, 1962. 271 p.

OSTROUSHKO, I. A., and others. [Mechanization of blasting; mechanization of loading and stemming blast holes and mine chambers] Mekhanizatsiia vzryvnykh rabot, mekhanizatsiia zariazhenia i zabolki shpurov, vzryvnykh skvazhin i minnykh kamer. Moskva, Gosgortekhizdat, 1962. 127 p.

PAKHOLKOV, V. D. [Prospecting statistics] Statistika geologorazvedochnykh rabot. Moskva, Gosgeoltekhizdat, 1962. 278 p.

PASTERNAK, E. B., ed. [The Gol'dfarb method in the theory of automatic control] Metod Gol'dfarba v teorii regulirovaniia, sbornik statei. Moskva, Gosenergoizdat, 1962. 223 p.
[MICROFILM]

PASYNKOV, V. V., G. A. SAVEL'EV, and L. K. CHIRKIN. [Nonlinear semiconductor resistances and their uses] Nelineinye poluprovodnikovye soprotivlenita i ikh primenenie. Leningrad, Sudpromgiz, 1962. 211 p.

PAUKOV, P. V., and O. A. SHPEKHT. [From automatic machines to an automatic plant] Ot stankov-avtomatov k zavodu-avtomatu. [Tambov] Tambovskoe knizhnoe izd-vo, 1962. 39 p.

PAVLOV, V. A. [Physical principles of the plastic deformation of metals] Fizicheskie osnovy plasticheskoi deformatsii metallov. Moskva, Izd-vo Akad. nauk SSSR, 1962. 198 p.

PECHUK, I. M. [Penetration of gases through fractured rocks into houses and workings] Proniknovenie gazov po treshchinovatym porodam v pomeshchenita i vyrabotki. Kiev, Izd-vo Akad. nauk USSR, 1962. 110 p.

PETROV, V. A., and G. G. EPEL'MAN. [Line multiple machining of parts] Potochno-gruppovaia obrabotka detalei; opyt Leningradskogo zavoda poligraficheskikh mashin. Leningrad, 1962. 26 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia: Organizatsiia proizvodstva, no. 4)

PETROVA, T. G. [Achievements of Leningrad instrument designers] Uspekhi priborostroitelei Leningrada; itogi konkursa LONTRO Priborprom za 1961 g. Pod red. Z. A. Timofeevoi. Moskva, 1962. 16 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia: Pribory i elementy avtomatiki, no. 7)

PITERKIN, V. K. [Made at the volunteer design bureau] Sdelano v obshchestvennom konstruktorskom biuro. [Moskva] Mosk. rabochii, 1962. 15 p. (Novatory semileiki)

POIARKOV, K. M. [Regulated transformers and their use] Reguliruemye transformatory i ikh ekspluatatsiia. Moskva, Gosenergoizdat, 1962. 174 p.

POLIAKOV, G. E., and A. I. KOVARSKII. [A methodological manual for training electricians in installation operations and use of the electrical equipment of industrial enterprises] Metodicheskoe posobie dlia obucheniia elektromonterov po montazhu i ekspluatatsii elektrooborudovaniia promyshlennykh predpriiatii. 2., perer. izd. Moskva, Profizdat, 1961. 156 p.

POLIANSKII, M. IA. [Guide to laboratory work in the course "Feed water purification and water properties in steam boilers."] Rukovodstvo k laboratornym rabotam po kursu "Vodopodgotovka i vodnye rezhimy parovykh kotlov." Leningrad, Leningr. politekhn. in-t im. M. I. Kalinina, 1959. 25 p.

POLSHKOV, M. K. [Basic problems concerning seismic prospecting apparatus; transient processes and resolving power] Osnovnye voprosy seismorazvedochnoi apparatury, ustanavlivaiushchiesia protsessy, razreshaiushchaia sposobnost'. Moskva, Gostoptekhizdat, 1962. 335 p.

POLTORATSKII, N. G. [Manual for machine-tool receivers] Spravochnik priemshchika stankov. Izd. 3., perer. Pod red. N. S. Acherkana. Moskva, Vneshtorgizdat, 1962. 740 p.

PONOMAREV, V. A., and A. M. CHELYSHEV. [Safety measures in grain-receiving enterprises] Tekhnika bezopasnosti na khleboprieмnykh predpriiatiiakh. Moskva, Zagotizdat, 1962. 134 p.

PRIADKO, L. M. [In nonferrous casting shops] Na dil'nytsi kol'orovoho lytva. Kyiv, Derzhtekhvydav URSR, 1962. 14 p.

[PROGRESSIVE COMMUNICATION WORKERS] Peredoviki-sviazisty. Moskva, Transzheldorizdat, 1962. 30 p. (Zheleznodorozhniki-peredoviki sotsialisticheskogo sorevnovaniia)

RADTSIG, V. A. [Reminiscences of a power engineer] Vospominaniia energetika. Moskva, Gosenergoizdat, 1962. 135 p.

REITLINGER, S. A., and IU. V. CHEKHOVSKII. [Mechanisms of the transmission of gases and liquids through concrete and methods of studying the structure of concrete pores] Mekhanizmy perenosa gazov i zhidkostei cherez beton i metody issledovaniia struktury por betona. Pod red. P. A. Rebinder. Moskva, VNIIST Glavgaza SSSR, Redaktsionno-izdatel'skii otdel, 1961. 63 p.

ROKHLIN, I. A. [Vibrated slabs made of stone materials] Vibropaneli iz kamennykh materialov. Kiev, Gosstroiizdat USSR, 1962. 44 p.

ROKK, EDMUND. [Handbook for inventors and efficiency promoters] Leiutaja ja ratsionalisaerija kasiraamat. Tallinn, Eesti Riiklik Kirjastus, 1962. 334 p. [In Estonian]

ROZA, S. A. [Soil mechanics] Mekhanika gruntov. Moskva, Gos. izd-vo "Vysshaia shkola," 1962. 228 p.

RUDNITSKII, V. I., and A. B. TIGAL. [Toothed and worm gears; stress analysis] Zubchatye i chervlachnye peredachi; raschet na prochnost'. Kiev, Gostekhizdat USSR, 1962. 161 p.

RUSSIA (1917- R. S. F. S. R.) Gosudarstvennyi komitet po koordinatsii nauchno-issledovatel'skikh rabot. [Modernization of bakery ovens] Modernizatsiia pechet v khlebopekarnoi promyshlennosti. Moskva, GOSINTI, 1962. 96 p.

RUSSIA (1917- R. S. F. S. R.) Moskovskii gorodskoi ekonomicheskii administrativnyi raion. Sovet narodnogo khoziaistva. [Universal means for the mechanization of fitting and assembling operations] Universal'nye sredstva mekhanizatsii slesarnykh i slesarno-sborochnykh rabot. Moskva, Otdel tekhn. informatsii, 1962. 132 p.

RUSSIA (1917- R. S. F. S. R.) Tul'skii ekonomicheskii administrativnyi raion. Sovet narodnogo khoziaistva. [Catalog of spare parts of the "Tula" TG-200 motor-scooter truck] Katalog zapasnykh chastei gruzovogo motorollera "Tula" TG-200. Moskva, Mashgiz, 1962. 76 p.

RUSSIA (1923- U. S. S. R.) Glavnoe upravlenie lokomotivnogo khoziaistva. [Instructions on automatic brakes for the locomotive engineer; canceling the TsT 1747 Instruction on Automatic Brakes for the Locomotive Engineer of October 15, 1953] Instruktsiia po avtotormozam mashinistu lokomotiva; v otmenu Instruktsii po avtotormozam mashinistu lokomotiva TsT 1747 ot 15 oktiabria 1953 g. Moskva, Transzheldorizdat, 1962. 65 p.

RUSSIA (1923- U. S. S. R.) Gosudarstvennyi komitet po delam stroitel'stva. [Instructions SN 194-61 limiting the use of enclosures for sections of industrial enterprises, storehouses, and transportation, residential and public buildings and structures] Ukazaniia ob ogranichenii primeneniia ograzhdenii uchastkov promyshlennykh predpriiatii, skladov, transportnykh, zhilykh i obshchestvennykh zdanii i sooruzhenii (SN 194-61) Moskva, Gosstroiizdat 1962. 7 p.

RUSSIA (1923- U. S. S. R.) Gosudarstvennyi komitet po delam stroitel'stva. [Instructions SN 207-62 for carrying out preventive maintenance of construction equipment] Instruktsiia po provedeniiu planovo-predupreditel'nogo remonta stroitel'nykh mashin SN 207-62. Moskva, Gosstroiizdat, 1962. 74 p.

RUSSIA (1923- U. S. S. R.) Gosudarstvennyi komitet po delam stroitel'stva. [Provisional instructions on the anticorrosive protection of steel insertion parts and welded joints in large-panel buildings (SN 200-62)] Vremennye ukazaniia po antikorrozionnoi zashchite stal'nykh zakladnykh detalei i svarnykh soedinenii v krupnopanel'nykh zdaniiakh (SN 200-62). Moskva, Gosstroiizdat, 1962. 26 p.

RUSSIA (illegible) [illegible] agricultural products by elevators, mills, and the mixed feed industry] Bibliograficheskii ukazatel' nauchno-tekhnicheskoi literatury, po voprosam zagotovok i proizvodstva sel'skokhoziaistvennykh produktov elevatornoi, mukomol'no-krupianoi i kombikormovoi promyshlennosti. Moskva, Zagotizdat, 1961. 27 p.

RUSSIA (1923- U. S. S. R.) Gosudarstvennyi nauchno-tekhnicheskii komitet. [Rolling mills] Stany prokatnye. Moskva, TSINTIMash, 1960. 137 p.

RUSSIA (1923- U. S. S. R.) Gosudarstvennyi nauchno-tekhnicheskii komitet. [Topics for inventors and efficiency promoters in the shoe industry] Temnik dlia izobretatelei i ratsionalizatorov obuvnoi promyshlennosti. Moskva, Biuro tekhn. informatsii legkoi promyshl., 1959. 95 p.

RUSSIA (1923- U. S. S. R.) Komitet po delam izobretenii i otkrytii. [The established classes of patent licenses and certificates granted to Soviet inventors, an index divided into subclasses, groups, and subgroups] Ukazatel' klassov avtorskikh svidetel'stv i patentov, vydavaemykh v SSSR, s podrazdeleniem ikh na podklassy, gruppy i podgruppy. Moskva, TSentr. biuro tekhn. informatsii, 1962. 820 p.

RUSSIA (1923- U. S. S. R.) Komitet po delam izobretenii i otkrytii. [Inventions, the mining industry] Sbornik izobretenii; gornodobyvaiushchaia promyshlennost'. Moskva, TSentr. biuro tekhn. informatsii, 1961. 159 p. (Sborniki otechestvennykh izobretenii)

RUSSIA (1923- U. S. S. R.) Komitet po nadzoru za bezopasnym vedeniem rabot v promyshlennosti i gornomu nadzoru. [Regulations for the installation and safe operation of elevators, mandatory for all ministries and departments] Pravila ustroistva i bezopasnoi ekspluatatsii liftov; obiazatel'ny dlia vsekh ministerstv i vedomstv. Izd. 4. Moskva, Gosgortekhizdat, 1961. 71 p.

RUSSIA (1923- U. S. S. R.) Ministerstvo geologii i okhrany nedr. Laboratoriia aerometodov. [Application of aerial methods for the study of underground waters; materials on the studies in Turkmenia, the northwestern regions of the East European Plain, and the Caspian Depression] Primenenie aerometodov dlia izucheniia gruntovykh vod; materialy issledovaniia v severo-zapadnykh raionakh Russkoi ravniny v Prikaspiiskoi nizmennosti Turkmenii. Moskva, Izd-vo Akad. nauk SSSR, 1962. 141 p.

RUSSIA (1923- U. S. S. R.) Ministerstvo lesnoi promyshlennosti. [Tables for calculating the standards of boards and deal ends in British units of length] Tablitsy dlia vychisleniia standartov dosok i dilen angliiskoi mery. Leningrad, TSentr. biuro tekhn. informatsii, 1960. 221 p.
[MICROFILM]

RUSSIA (1923- U. S. S. R.) Ministerstvo putei soobshcheniia. [Handbook for the switchman] Rukovodstvo strelochniku. Izd. 3. [Sost. A. U. Berliand] Moskva, Transzheldorizdat, 1962. 256 p

RUSSIA (1923- U. S. S. R.) Ministerstvo sviazi. [Central Museum of Communications named after A. S. Popov] TSentral'nyi muzei sviazi imeni A. S. Popova. Leningrad, 1962. 234 p.

RYZHOV, E. V. [Fundamentals of the design of machine-part joint surfaces for contact rigidity] Osnovy rascheta stykovykh poverkhnostei detalei mashin na kontaktnuiu zhestkost'. Moskva, Mashgiz, 1962. 141 p.
[MICROFILM]

SAFARIAN, M. K., M. I. ASHKINAZI, and G. S. CHOLOIAN. [Steel tanks with spherical cylindrical roofs for petroleum products, experimental and theoretical studies of the construction] Stal'nye rezervuary so sferosilindricheskoi kroviei dlia nefteproduktov; eksperimental'nye i teoreticheskie issledovaniia konstruktsii. Moskva, VNIIST Glavgaza SSSR. Redaktsionno-izdatel'skii otdel, 1961. 94 p.

SAFONNIKOV, A. N. [Electric slag welding with lamellar electrodes of corrosion-, scale-, and heat-resistant chromium-nickel steels and alloys] Elektroshlakovaia svarka plastinchatym elektrodom korrozionnostoikikh, okalinostoikikh i zharoprochnykh khromonikelevykh stalei i splavov. Leningrad, 1962. 36 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia: Svarka i paika metallov, no. 9)

SAMGIN, A. N. [Water supply, sewerage, and improvement of sanitary conditions in populated places] Vodosnabzhenie, kanalizatsiia i sanitarnaia ochistka naselennykh mest. Moskva, Vysshaia shkola, 1962. 288 p.

SAMOILOVSKII, M. B. [Supporting vertical mine shafts] Kreplenie vertikal'nykh stvolov shakht. Moskva, Gosgortekhizdat, 1962. 251 p.

SARKISOV, G. M. [Overall repair of buildings and structures; experience of the Tashkent road crew] Kompleksnyi remont zdanii i sooruzhenii, opyt kollektiva Tashkentskoi dorogi. Moskva, Transzheldorizdat, 1962. 32 p.

SEIMOV, V. M. [Design of beam slabs on elastic foundations taking into account the forces of friction due to contact] Rozrakhunok balochnykh plyt na pruzhnii osnovi z vrakhuvanniam syl tertia po kontaktu. Kyiv, Vyd-vo Akad. nauk URSR, 1962. 107 p.

SEMENENKO, N. A. [Secondary power resources and the combination of industrial and power-engineering interests in metallurgy] Vtorichnye energoresursy i energotekhnologicheskoe kombinirovanie v metallurgii. Moskva, Metallurgizdat, 1962. 240 p.
[MICROFILM]

SEREBRIAKOV, V. M. [The groups of initiators act] Initsiativnye gruppy deistvuiut. [Moskva] Mosk. rabochii, 1962. 36 p. (Stroiteli obmenivaiutsia opytom)

SHADRICHEV, V. A. [Modern methods for the reconditioning of worn-out machine parts] Sovremennye sposoby vosstanovleniia iznoshennykh detalei mashin; stenogramma lektsii. Leningrad, 1962. 34 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Seriia: Mekhanicheskaia obrabotka metallov)

SHAIKEVICH, A. S. [Quality of industrial electric-lighting systems and methods for their improvement] Kachestvo promyshlennogo osveshcheniia i puti ego povysheniia. Moskva, Gosenergoizdat, 295 p.

SHAKHAROV, S. SH. [Oil and gas of Turkmenia] Neft', gaz Turkmenii. Ashkhabad, Turkmengosizdat, 1962. 125 p.

SHAPIRO, D. N. [Principles of the theory and design of high-frequency transistor amplifiers] Osnovy teorii i rascheta usilitelei vysokoi chastoty na tranzistorakh. Moskva, Sviaz'izdat, 1962. 279 p.

SHAPOSHNIKOV, D. E. [Making forgings on hot-stamping presses] Izgotovlenie pokovok na gorlachoshtampovochnykh pressakh; opyt kuznechnogo tsekha Moskovskogo zavoda malolitrazhnykh avtomobilei. Moskva, Mashgiz, 1962. 178 p.

SHATUNOVSKII, G. M. [Engineering efficiency and the economic effectiveness of agricultural machines] Tekhnologichnost' konstruktsii i ekonomicheskaia effektivnost' sel'skokhoziaistvennykh mashin. Izd. 2., perer. Moskva, Mashgiz, 1962. 443 p.

SHEVCHENKO, E. T., comp. [Woodworking equipment, catalog] Derevoobrabatyvaiushchee oborudovanie; katalog. [Moskva] TSNIITmash, [1962] 249 p.

SHUBENKO-SHUBIN, L. A. [Special turbines] Unikal'nye turbiny. Moskva, Izd-vo "Znanie," 1962. 32 p. (Novoe v zhizni, nauke, tekhnike IV Seriia Tekhnika, no. 23)

SHUMKIN, N. IA. [New developments at construction projects in Kirghizia] Novoe na stroikakh Kirgizii. Frunze, Kirgizskoe gos. izd-vo, 1961. 55 p.

SKALOZUBOV, M. F. [Active compounds of electric storage batteries] Aktivnye massy elektricheskikh akkumuliatorov. [Novocherkassk] Redaktsionno-izdatel'skii otdel Novocherkasskogo politekhnicheskogo in-ta im. Sergo Ordzhonikidze, 1962. 163 p.

SKIRSTYMONSKII, A. I. [Production of sodium glutamate] Proizvodstvo glutamata natriia. Kiev, Gostekhizdat USSR, 1962. 38 p.

SLAVACHEVSKII, K. A. [Textbook of practical exercises in geodetic surveying; computation and graphic work] Posobie k prakticheskim zaniatiiam po geodezii, raschetnye i graficheskie raboty. Moskva, Geodezizdat, 1962. 170 p.

SMELIANSKII, M. IA., and K. D. GUTTERMAN. [Design and operation of vacuum arc furnaces] Rabochii protsess i raschet vakuumnykh dugovykh pechei. Moskva, Gosenergoizdat, 1962. 111 p. (Biblioteka elektrotermista, no. 12)

SMIRNOV, S. A., and F. F. TERESHCHENKO, comps. [Regulated electric dischargers for switching large impulse currents in high-voltage systems, abstracts for 1945-1961] Upravliaemye razriadniki dlia kommutatsii bol'shikh impul'snykh tokov v vysokovol'tnykh ustanovkakh; sbornik referatov, 1945-1961 gg. Moskva, Gosatomizdat, 1962. 85 p.

SOKOLOV, A. N. [Saving of electric power in electric-arc steel smelting furnaces] Ekonomiia elektroenergii pri ekspluatatsii dugovykh staleplavil'nykh pechei. Moskva, Gosenergoizdat, 1962. 102 p. (Biblioteka elektrotermista, no. 10)

SOKOLOV, V. D., ed. [The first group space flight] Pervyi gruppovoi kosmicheskii. Moskva, Voenizdat, 1962. 168 p.
[MICROFILM]

SOROKIN, P. I. [Manual for a bulldozer operator] Posobie mashinistu bul'dozera. Moskva, Avtotransizdat, 1962. 128 p.

SOVESHCHANIE PO ISPOL'ZOVANIIU SILOVYKH SETEI DLIA TSELEI TELEMEKHANIKI I SVIAZI, Leningrad, 1961. [Use of electric power networks for transmitting information] Ispol'zovanie silovykh setei dlia peredachi informatsii; materialy. Moskva, Izd-vo Akad. nauk SSSR, 1962. 98 p.

SOVESHCHANIE PO SBORNYM ZHELEZOBETONNYM VODOSBROSNYM SOORUZHENIIAM, Moscow, 1960. [Precast reinforced-concrete spillway structures] Sbornye zhelezobetonnye vodosbrosnye sooruzheniia; materialy soveshchaniia. Pod red. A. R. Berezinskogo. Moskva, Gosenergoizdat, 1962. 151 p.

STABNIKOV, V. N. [Distillation and rectification of alcohol] Peregonka i rektifikatsiia spirta. Moskva, Pishchepromizdat, 1962. 503 p.

STARITSKII, V. I., and S. G. TARABAN. [Use of gas fuel and gas fuel equipment in iron and steel plants] Ekspluatatsiia gazovogo khoziaistva metallurgicheskikh zavodov. Moskva, Metallurgizdat, 1962. 312 p.

STAROSKOL'SKII, A. A., and S. N. KUZ'MIN. [Chemical plants for dyeing and finishing processes] Khimicheskie stantsii krasil'no-otdelochnogo proizvodstva. Moskva, Rostekhizdat, 1962. 185 p.

STERNINSON, L. D. [Automatic frequency and power regulation by a method devised by the State Trust for the Organization and Efficiency of Electric Power Plants] Avtomaticheskoe regulirovanie chastoty i moshchnosti po metodu ORGRES. Moskva, Gos. energ. izd-vo, 1959. 116 p.
[MICROFILM]

STOGOV, B. N., I. I. SIROTOV, and F. N. MASLENKOV. [Technology, mechanization, and planning of the landings of lumbering enterprises] Tekhnologiia, mekhanizatsiia i proektirovanie nizhnikh skladov lesozagotovitel'nykh predpriiatii. Moskva, Goslesbumizdat, 1962. 414 p.

SVETLOPOLIANSKII, V. I. [Electric slag hard facing] Elektroshlakovaia naplavka. [Stalingrad] Stalingradskoe knizhnoe izd-vo, 1961. 63 p.

SVIATLOVSKII, A. E. [Volcanoes and electric-power plants] Vulkany i elektrostantsii. Moskva, Izd-vo "Znanie," 1962. 31 p. (Novoe v zhizni, nauke, tekhnike. XII Seriia. Geologiia i geografiia, no. 16)

TEMKO, IU. P. [Installation of the sanitary-engineering systems of buildings] Montazh sanitarno-tekhnicheskikh sistem zdanii. Novosibirsk, Novosibirskoe knizhnoe izd-vo, 1962. 165 p. (Bibliotechka molodogo stroitelia)

TERENT'EV, IU. IA., and L. G. GROMYKO. [Equipment and control instruments for resistance welding] Oborudovanie i apparatura dlia kontaktnoi svarki; al'bom. Moskva, Profitekhizdat, 1962. 137 p.

TIMASHEV, A. T. [Practice of cleaning equipment at petroleum prerefining installations in fields of the Oil Field Administration of the Tuymazy Petroleum Trust] Opyt chistki apparatov na ustanovkakh po podgotovke nefti na promyslakh NPU "Tuimazaneft'" Ufa, Bashkirskoe knizhnoe izd-vo, 1962. 51 p.

TIMOSHENKO, V. V. [Economy of electric power in electrometallurgical enterprises] Ekonomiia elektroenergii na elektrometallurgicheskikh predpriiatiiakh. Moskva, Metallurgizdat, 1962. 189 p.

TKACHEV, R. IA. [Deep-frying of vegetables and fish in canning] Obzharka ovoshchei i ryby pri proizvodstve konservov. Moskva, Pishchepromizdat, 1961. 89 p. (Biblioteka molodogo rabochego)

TOPCHIEV, A. V., and N. A. SHURIS. [Machinery for stoping and development operations, design and construction] Mashiny dlia ochistnykh i podgotovitel'nykh rabot; raschet i konstruirovanie. Moskva, Gosgortekhizdat, 1962. 351 p.

TSAPKO, A. S. [Fish preservation by refrigeration] Konservirovanie ryby; kholodom. [Arkhangel'sk] Arkhangel'skoe knizhnoe izd-vo, 1959. 97 p.
[MICROFILM]

TSENTRAL'NYI NAUCHNO-ISSLEDOVATEL'SKII I PROEKTNO-EKSPERIMENTAL'NYI INSTITUT INDUSTRIAL'NYKH ZHILYKH I MASSOVYKH KUL'TURNO-BYTOVYKH ZDANII. [Temporary instructions for the manufacture and use of large rolled gypsum-cement concrete floor slabs] Vremennye ukazaniia po izgotovleniiu i primeneniiu krupnorazmernykh prokatnykh gipsotsementobetonnykh panelei dlia osnovaniia pola. Moskva, Gosstroiizdat, 1962. 37 p.

TSIBIZOV, N. I. [Techniques for the mechanization of the manufacture and control of bunched electrical conductors] Sredstva mekhanizatsii izgotovleniia i kontrolia zhgutov elektroprovodov. Moskva, Oborongiz, 1962. 238 p.

TURETSKII, I. IU., L. N. LIUBIMKOV, and B. V. CHERNOV. [Manufacture of heavily-loaded high-speed gears] Izgotovlenie tiazhelonagruzhennykh skorostnykh zubchatykh peredach. 2., perer. izd. Pod obshchei red. N. I. Kolchina. Moskva, Mashgiz, 1962. 134 p. (Bibliotechka zuboreza, no. 9)

UL'IANOV, I. A., and others. [Coals of the U. S. S. R.] Ugli SSSR; spravochnik. Moskva, Gosgortekhizdat, 1962. 316 p.

US, A. P., comp. [Book of useful advice] Kniga poleznykh sovetov. Tashkent, Ob"edinennoe izd-vo "Kzyl Uzbekistan," "Pravda Vostoka" i "Uzbekistoni Surkh," 1961. 611 p.

VAGIN, G. I., and G. S. PIN'KOVSKII. [Using portable formwork in supporting mine shafts] Kreplenie stvolov shakht s primeneniem peredvizhnykh opalubok. Moskva, Gosgortekhizdat, 1962. 146 p.

VAINSHTEIN, B. N. [Efficient designs of cutting tools and cutters] Ratsional'nye konstruktsii reztsov i frez, [Perm'] Permskoe knizhnoe izd-vo, 1962. 40 p. (Molodomu mashinostroiteliu)

VALIUS, N. A. [Stereoscopy] Stereoskopiia. Moskva, Izd-vo Akad. nauk SSSR, 1962. 378 p.

VERBOVSKII, G. G. [Theory of mechanisms and machines] Teoriia mekhanizmov i mashin; kratkii kurs. Khar'kov, Izd-vo Khar'kovskogo univ., 1961. 243 p.

VERMOV, G. P., G. S. GRODEL', and N. I. RASSOLOV. [Means of controlling mine dusts] Sredstva bor'by s pyl'iu v shakhtakh. Moskva, Gosgortekhizdat, 1962. 69 p.

VIBE, I. I. [New developments concerning the cycle of operations of engines, speed of combustion and the cycle of operations of engines] Novoe o rabochem tsikle dvigatelei, skorost' sgoraniia i rabochii tsikl dvigatelia. Moskva, Mashgiz, 1962. 270 p.

VINOGRADOV, N. I. [Planning of transportation, textbook for the course on "Planning of the national economy"] Planirovanie perevozok; uchebnoe posobie po kursu "Planirovanie narodnogo khoziaistva." [Leningrad] Izd-vo Leningr. univ., 1962. 37 p.

VISHNEVSKII, I. D., and others. [Industrial transportation sections and railroad stations] Transportnyi tsekh i stantsiia. Moskva, Transzheldorizdat, 1962. 58 p.

VOLCHOK, L. IA. [Feed of motor-vehicle and tractor engines.] Pitanie avtomobil'nykh i traktornykh dvigatelei. Minsk, Izd-vo MVSS i PO BSSR.
Pt. 1. [Feed of carburetor engines] Pitanie karburatornykh dvigatelei. 1962. 160 p.

VOL'FKOVICH, S. I. [Chemical technology as a science and its objectives] Khimicheskaia tekhnologiia kak nauka i ee zadachi. [Moskva] Izd-vo Mosk. univ., 1961. 32 p.

VOLGIN, L. N. [Elements of the theory of computer control; polynomial equations in problems of the synthesis of automatic control systems with digital computers] Elementy teorii upravliaiushchikh mashin; metod polinomial'nykh uravnenii v zadachakh sinteza sistem avtomaticheskogo upravleniia s tsifrovymi vychislitel'nymi mashinami. Moskva, Sovetskoe radio, 1962. 103 p.

VOLONTSEVICH, I. D. [New techniques in welding] Novoe v svarke. [Perm'] Permskoe knizhnoe izdatel'stvo, 1962. 34 p. (Molodomu mashinostroiteliu)

VOROB'EV, V. A., and V. S. KOLOKOL'NIKOV. [Study of materials for masons and concrete workers] Materialovedenie dlia kamenshchikov i betonshchikov. Moskva, Profizdat, 1962. 250 p.

VORONOV, V. A., and V. V. TOKMAKOV. [Installing poured floor coverings of synthetic materials; experience of the "LOS-2" Trust of the Main Administration for Housing and Public Construction in the City of Leningrad] Ustroistvo nalivnykh pokrytii polov iz sinteticheskikh materialov, opyt tresta "LOS-2" Glavleningradstroia. Leningrad, 1962. 17 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia: Stroitel'naia promyshlennost', no. 17)

VORONTSOV, F. F. [Selection of wire and cable sizes for electrical wiring operations] Vybor secheniia provodov i kabelei dlia elektroprovodok. Izd. 4, perer. Moskva, Gosenergoizdat, 1962. 95 p.

VSESOIUZNOE SOVESHCHANIE PO METODIKE RAZVEDKI POLEZNYKH ISKOPAEMYKH, Moscow, 1960. [Papers on the methodology of prospecting for minerals] Materialy po metodike razvedki poleznykh iskopaemykh; trudy soveshchaniia. Moskva, Gosgeoltekhizdat, 1962. 610 p.

VSESOIUZNYI INSTITUT ASSORTIMENTA IZDELII LEGKOI PROMYSHLENNOSTI I KUL'TURY OBEZHDY. [Fashion trends for 1962-1963] Napravlenie mody na 1962-1963 gody. Moskva, 1962. 44 p.

VSESOIUZNYI INSTITUT PO PROEKTIROVANIIU ORGANIZATSII ENERGETICHESKOGO STROITEL'STVA "ORGENERGOSTROI." Moskovskii filial. [Pneumatic units for transporting a concrete mix through pipes] Pnevmaticheskie ustanovki dlia transportirovaniia betonnoi smesi po trubam. Moskva, Orgenergostroi, 1962. 60 p. (Iz opyta energeticheskogo stroitel'stva)

VUL'F, B. K., and K. P. ROMADIN. [Structure and properties of aircraft metals] Aviatsionnoe metallovedenie. 2. izd., perer. i dop. Pod red. I. I. Kornilova. Moskva, Oborongiz, 1962. 503 p.

ZAK, A. F. [Physicochemical properties of glass fibers] Fiziko-khimicheskie svoistva steklianogo volokna. Moskva, Rostekhizdat, 1962. 224 p.

ZALICHONAK, N. A. [Full load for excavators] Ekskavataram - pounuiu nahruzku. Minsk, Dziarzh. vydva sel'skohaspadarchai lit-ry BSSR, 1962. 29 p. (Bibliiatechka peradavoha vopytu)

ZAL'TSMAN, A. M., ed. [Housing construction in the U. S. S. R.; present state and prospects for development] Zhilishchnoe stroitel'stvo v SSSR, sostoianie i perspektivy razvitiia. Moskva, Gosstroiizdat, 1962. 202 p.

ZAMAKHAEV, M. S. [Decreasing longitudinal inclines on highway curves with small radius] Snizhenie prodol'nykh uklonov na krivykh malykh radiusov avtomobil'nykh dorog. Moskva, Avtotransizdat, 1962. 26 p.

ZARIPOV, S. Z. [Obtaining clay powders and using them in drilling wells in Bashkiria] Poluchenie glinoporoshkov i primenenie ikh pri burenii skvazhin v Bashkirii. Ufa, Bashkirskoe knizhnoe izd-vo, 1962. 51 p.

ZARUBIN, V. A. [Making of fruit and berry wines] Proizvodstvo plodovo-iagodnykh vin. Moskva, Pishchepromizdat, 1962. 105 p. (Uchebnoe posobie dlia podgotovki kadrov massovykh professii)

ZHELTOV, E. M. [Gasoline engine saws in forestry] Benzinomotornye pily v lesnom khoziaistve. Moskva, Goslesbumizdat, 1962. 67 p.

ZIKEEV, B. V. [Course on the study of materials with brief information on the technology of production] Kurs materialovedeniia s kratkimi svedeniiami po tekhnologii proizvodstva. Pod red. A. K. Shubnikova. Izd. 2., perer. i dop. Moskva, Zaochnyi finansovo-ekon. in-t.
Pt. 1. 1961. 310 p.

ZINENKO, V. P., and A. N. KIRSANOV. [Experimental measurements of the power consumed in core drilling of test holes] Eksperimental'nye izmerenitia moshchnosti, zatrachivaemoi pri kolonkovom burenii razvedochnykh skvazhin. Moskva, Gosgeoltekhizdat, 1961. 48 p.

ZUZANOV, G. I. [Survey of the foreign machine-tool industry] Obzor zarubezhnogo stankostroeniia. Pod red. A. P. Vladzievskogo. Moskva, TSINTIMASH, 1962. 160 p. (Seriia III: Metallorezhushchie stanki i instrument)

17. MILITARY & NAVAL SCIENCES

AGAFONOV, V. P., and A. V. SAKOVICH. [Military communications] Voennaia sviaz'. Moskva, Voenizdat, 1962. 232 p.

AVERBAKH, N. V., and IU. K. BARANOV. [Determining the maneuvering properties of a seagoing vessel and log corrections] Opredelenie manevrennykh elementov morskogo sudna i popravki laga. Leningrad, Izd-vo "Morskoi transport," 1962. 76 p. (Biblioteka sudovoditelia)
[MICROFILM]

BALTISKOE GOSUDARSTVENNOE MORSKOE PAROKHODSTVO. Tekhnicheskii sovet. [Suggestions for efficiency-promoting measures] Sbornik ratsionalizatorskikh predlozhenii. Leningrad, Izd-vo "Morskoi transport," 1959. 43 p.
[MICROFILM]

DOROSHKEVICH, N. O., V. P. MANDRIK, and M. S. SMIRNOVA. [The English Language in sea navigation] Angliiskii iazyk dlia sudovoditelei. Moskva, Morskoi transport, 1962. 221 p.

EREMEEV, L. M., and A. P. SHERGIN. [Foreign submarines in the Second World War; operational and statistical data from the Second World War] Podvodnye lodki inostrannykh flotov vo Vtoroi Mirovoi voine; operativno-statisticheskie materialy po opytu vtoroi mirovoi voiny. Pod obshchei red. V. P. Bogolepova. Moskva, Voenizdat, 1962. 445 p.

ERMOLAEV, G. G. [Plotting radio bearings on marine charts] Prokladka radiopelengov na morskoi karte; uchebnoe posobie dlia sudovoditel'skikh fakul'tetov vysshikh inzhenernykh morskikh uchilishch MMF. Moskva, Izd-vo "Morskoi transport," 1962. 84 p.

FAIVUSHEVICH, V. M., and others. [Boiler operator's manual] Uchebnik kotel'nogo mashinista. Leningrad, Izd-vo "Morskoi transport," 1962. 505 p.

GOL'DENFON, A. K., and L. A. BABADZHANIAN. [Performance and operation of marine boilers] Rabochie protsessy i ekspluatatsiia sudovykh kotlov. Leningrad, Sudpromgiz, 1962. 123 p.

KHORBENKO, I. G. [Sounds in the ocean depths] Zvuki v morskikh glubinakh. Moskva, Voenizdat, 1962. 73 p. (Nauchno-populiarnaia biblioteka voennogo izdatel'stva)

KIPNIS, I. S. and TS. V. SHADAN. [Modern methods of build-up welding in ship repairs] Sovremennye sposoby naplavki v sudoremonte. [Kaliningrad] Kaliningradskoe knizhnoe izd-vo, 1962. 47 p. (Peredovoe - v proizvodstvo)

KOLOTOV, N. A. [History of merchant marine education in the Far East] Istoriia morskogo obrazovaniia na Dal'nem Vostoke. Moskva, Izd-vo "Morskoi transport," 1962. 197 p.

KURZON, A. G., and others. [Marine steam and gas turbines] Sudovye parovye i gazovye turbiny. Pod red. A. G. Kurzona. Leningrad, Sudpromgiz.
Vol. 2. [Systems and working principle of turbomachinery units] Sistemy i rabochiia turbagregatov. 1962. 419 p.

KUZNETSOV, P. G. [Moscow guardsmen] Gvardeitsy - moskvichi. Moskva, Voenizdat, 1962. 200 p.

LENINGRAD. ARTILLERIISKII ISTORICHESKII MUZEI. [Catalog of archival documents on the Northern War, 1700-1721] Katalog arkhivnykh dokumentov po Severnoi voine 1700-1721 gg. Leningrad, 1959. 433 p. (Katalogi Artilleriiskogo istoricheskogo muzeia)

LIAKHOV, K. S., and M. B. KHEIFITS. [Schedule of ship movements; principles of theory and calculation] Grafik dvizheniia flota, osnovy teorii i raschet. Moskva, Izd-vo "Rechnoi transport," 1962. 165 p.

LIUDNIKOV, I. I. [The Battle of Vitebsk; offensive operations of the 39th Army in the Vitebsk region, June 23-27, 1944] Pod Vitebskom; Vitebskaia operatsiia 39-i armii 23-27 iiunia 1944 goda. Moskva, Voenizdat, 1962. 110 p.

NEBESNOV, V. I. [Estimate of the operating conditions of marine power plants on motorships] Otsenka ekspluatatsionnykh rezhimov raboty silovoi ustanovki teplokhoda. Moskva, Izd-vo "Morskoi transport," 1962. 141 p.

PUNTUS, V. G. [Winged generation] Krylatoe plemia. [Stalingrad] Stalingradskoe knizhnoe izd-vo, 1961. 217 p.

RAKHOVETSKII, A. N. [Radar observations in poor visibility] Radiolokatsionnoe nabliudenie v usloviiakh plokhoi vidimosti. Moskva, Izd-vo "Morskoi transport," 1962. 96 p. (Bibliotechka sudovoditelia torgovogo flota)

SAMSONOV, M. IA., and V. M. SHAPOSHNIK. [Ski training; soldier's manual] Lyzhnaia podgotovka, posobie dlia voink. Moskva, Voenizdat, 1962. 60 p.

SHAIN, N. M. [The motorship "Zhan Zhores"] Teplokhod "Zhan Zhores." Moskva, Izd-vo "Morskoi transport," 1962. 197 p.

[SHIPBUILDING STEEL] Sudostroitel'naia stal'. [By] A. M. Veingarten i dr. Leningrad, Sudpromgiz, 1961. 303 p.

SMAKOTIN, M. P. [From the Don Valley to Berlin] Ot Dona do Berlina. Moskva, Voenizdat, 1962. 195 p.

SOIUZ SPORTIVNYKH OBSHCHESTV I ORGANIZATSII SSSR. Tsentral'nyi sovet. [Regulations for classification, building and measurements of sports sailboats and iceboats adopted in the U. S. S. R., effective January 1, 1963] Pravila klassifikatsii, postroiki i obmera sportivnykh parusnykh sudov i buerov, prinitykh v SSSR (deistvitel'ny po 1 ianvaria 1963 g. Moskva, 1960. 103 p.

STOROZHEV, N. F. [Elementary strength calculations of ship structures and mechanisms] Elementarnye raschety prochnosti sudovykh konstruktsii i mekhanizmov; sbornik zadach. Moskva, Izd-vo "Rechnoi transport," 1962. 200 p.

[WINGED GENERATION; reminiscences on aviators of three generations] Krylatoe plemia; vospominaniia o letchikakh trekh pokolenii. Moskva, Voenizdat, 1961. 147 p.

PART B—PERIODICALS

An asterisk (*) appearing before a periodical title indicates that it is available in full English translation For publishers of such translated periodicals, their subscription prices, etc., see listing at end of this issue

1. GENERAL

a. SCHOLARLY JOURNALS

AKADEMIIA NAUK ARMIANSKOI SSR, Erivan. Izvestiia. Obshchestvennye nauki [ACADEMY OF SCIENCES OF THE ARMENIAN S. S. R. Bulletin. Social Sciences], Erivan, nos. 9-10, Oct.-Sep. 1962.

AKADEMIIA NAUK AZERBAIDZHANSKOI SSR, Baku. Izvestiia. Seriia obshchestvennykh nauk [ACADEMY OF SCIENCES OF THE AZERBAIJAN S. S. R. Bulletin. Series in the Social Sciences], Baku, no. 7, 1962.

AKADEMIIA NAUK GRUZINSKOI SSR, Tiflis. Soobshcheniia [ACADEMY OF SCIENCES OF THE GEORGIAN S. S. R. Reports], Tiflis, vol. 29, nos. 5-6, 1962. [In Georgian]

AKADEMIIA NAUK KIRGIZSKOI SSR, Frunze. Izvestiia. Seriia estestvennykh i tekhnicheskikh nauk [ACADEMY OF SCIENCES OF THE KIRGHIZ S. S. R. Bulletin. Series in the Natural and Technological Sciences], Frunze, vol. 3, no. 6, 1961; vol. 4, no. 3, 1962.

AKADEMIIA NAUK KIRGIZSKOI SSR, Frunze. Izvestiia, Seriia obshchestvennykh nauk [ACADEMY OF SCIENCES OF THE KIRGHIZ S. S. R. Bulletin. Series in the Social Sciences], Frunze, vol. 3, no. 3, 1961.

AKADEMIIA NAUK SSSR. Vestnik [ACADEMY OF SCIENCES OF THE U. S. S. R. Journal], Moscow, vol. 32, no 11, Nov. 1962.

AKADEMIIA NAUK UZBEKSKOI SSR. Tashkent. Otdelenie obshchestvennykh nauk. Nauchnye raboty i soobshcheniia [ACADEMY OF SCIENCES OF THE UZBEK S. S. R. Department of Social Sciences. Studies and Reports], Tashkent. vol. 4, 1961.

EESTI NSV TEADUSTE AKADEEMIA. Toimetised. Uhiskonnateaduste seeria. Izvestiia Akademii nauk Estonskoi SSR. Seriia obshchestvennykh nauk [ACADEMY OF SCIENCES OF THE ESTONIAN S. S. R. Bulletin. Series in the Social Sciences], Tallinn, vol. 11, no. 4, 1962.

KHARKOV. UNIVERSITET. Uchenye zapiski [UNIVERSITY. Studies]. Vol. 122, 1962. Trudy Astronomicheskoi observatorii [Transactions of the Astronomical Observatory], vol. 14.

LATVIJAS PADOMJU SOCIALISTISKAS REPUBLIKAS ZINATNU AKADEMIJA. Vestis. Izvestiia Akademii nauk Latviiskoi SSR [ACADEMY OF SCIENCES OF THE LATVIAN S. S. R. Bulletin], Riga, nos. 4(177), 7(180), 1962.

LYSTY DO PRYIATELIV. LETERS TO FRIENDS, Newark, N. J., vol. 10, no. 11/12(117-118), 1962.

OBSHCHESTVENNYE NAUKI V UZBEKISTANE [SOCIAL SCIENCES IN UZBEKISTAN]. Issued by Akademiia nauk Uzbekskoi SSR [Academy of Sciences of the Uzbek S. S. R.], Tashkent, vol. 6, no. 9, 1962.

PERM. UNIVERSITET. Uchenye zapiski [UNIVERSITY. Studies]. Vol. 20, no. 4, 1961.

SARANSK. MORDOVSKII GOSUDARSTVENNYI UNIVERSITET. Uchenye zapiski [MORDVINIAN STATE UNIVERSITY. Studies]. No. 13, 1960.

SVERDLOVSK. URAL'SKII GOSUDARSTVENNYI UNIVERSITET. Uchenye zapiski [URAL STATE UNIVERSITY. Studies]. No. 18, 1961.
Contents: [Legends of the Chusovaya River] Predaniia reki Chusovoi. 95 p.

YAROSLAVL. GOSUDARSTVENNYI PEDAGOGICHESKII INSTITUT. Uchenye zapiski [STATE PEDAGOGICAL INSTITUTE. Studies]. No. 44, 1958.
Contents. Murskii, L. I. [Physiology of hypothermia] Fiziologiia gipotermii. 236 p.

b. POPULAR MAGAZINES

BERNIBA [CHILDHOOD]. Issued by Latvijas Lenina komunistiskas jaunatnes savienibas Centrala komiteja and Lenina pionieru organizacijas Latvijas republikas padome [Central Committee of the Lenin Communist Youth League of Latvia and the Republic Council of the Lenin Pioneers of Latvia]. Riga, no. 3, March 1961, no. 11, Nov. 1962. [In Latvian]

BIAROZKA [THE LITTLE BIRCH]. Issued by TSentral'ny kamitet Leninskaha komunistychnaha saiuza moladzi Belarusi and Respublikanski Savet pilanerskai arganizatsyi imia V. I. Lenina [Central Committee of the White Russian Communist Youth League of Lenin and the Republic Council of Lenin Pioneers]. Minsk, vol. 39, no. 12, Dec. 1962.

DADZIS [THISTLE]. Riga, nos. 22(142)-24(144), 1962. [In Latvian]

DRUZHNO VPERED [FORWARD TOGETHER]. Issued by Kul'turna spilka ukrains'kykh trudiashchykh Chekhoslovachchyny [Cultural Association of the Ukrainian Workers of Czechoslovakia]. Presov, vol. 12, no. 11, Nov. 1962. [In Ukrainian]

GENYS [WOODPECKER]. Issued by Lietuvos Lenino komjaunimo sajungos Centro komitetas and Respublikine pionieriu taryba [Central Committee of the Lenin Communist Youth League of Lithuania and the Republic Council of Pioneers]. Vilnius, no. 11(107), 1962. [In Lithuanian]

KHOCHU VSE ZNAT' [I WANT TO KNOW ALL]. Leningrad, no. 2, 1959; no. 4, 1961.

KHORPUSHTAK [HEDGEHOG]. Dushanbe, no. 10(113), Oct. 1962. [In Tajik]

KIRPI [HEDGEHOG]. Baku, no. 17, Sep. 1962. [In Azerbaijani]

KOREIA [KOREA]. Pyongyang, nos. 9(74)-10(75), 1962.

KOSTER [CAMP FIRE]. Issued by TSentral'nyi komitet Vsesoiuznogo leninskogo kommunisticheskogo soiuza molodezhi [Central Committee of the All-Union Communist Youth League of Lenin] and others, Leningrad, no. 11, Nov. 1962.

KROKODIL [CROCODILE]. Issued by gazeta [Newspaper] "Pravda," Moscow, vol. 41, nos. 32(1682), 34(1684), Nov.-Dec. 1962.

KULTUUR JA ELU [CULTURE AND LIFE]. Issued by Eesti NSV Kultuuriministeerium and Eesti NSV Ametiühingute Noukogu [Ministry of Culture of the Estonian S. S. R. and the Council of Trade Unions of the Estonian S. S. R.], Tallinn, vol. 5, no. 12, Dec. 1962. [In Estonian]

JAUNIMO GRETOS [THE RANKS OF YOUTH]. Issued by Lietuvos Lenino komjaunimo sajungos Centro komitetas [Central Committee of the Lenin Communist Youth League of Lithuania]. Vilnius, no. 12(217), Dec. 1962. [In Lithuanian]

MĚDENIET ZHĚNE TŮRMYS [CULTURE AND LIFE]. Issued by Ministerstvo kul'tury Kazakhskoi SSR [Ministry of Culture of the Kazakh S. S. R.]. Alma-Ata, no. 11, Nov. 1962. [In Kazakh]

MOKSLEIVIS [THE STUDENT]. Issued by Lietuvos Lenino komjaunimo sajungos Centro komitetas and LTSR svietimo ministerija [Central Committee of the Lenin Communist Youth League of Lithuania and the Ministry of Education of the Lithuanian S. S. R.], Vilnius, no. 12(60), 1962. [In Lithuanian]

MUSHTUM [PUNCH]. Tashkent, vol. 40, nos. 22(640)-23(241), Nov.-Dec. 1962. [In Uzbek]

MY I SVIT. WE AND THE WORLD. Toronto, vol. 13, no. 94, Aug.-Sep. 1962.

NARODNAIA RUMYNIIA [PEOPLE'S RUMANIA]. Bucharest, no. 12, Dec. 1962.

NOORUS [YOUTH]. Issued by Eestimaa Leniniliku Kommunistliku Noorsooühingu Keskkomitee [Central Committee of the Lenin Communist Youth League of Estonia]. Tallinn, vol. 17, nos. 11(193)-12(194), Nov.-Dec. 1962. [In Estonian]

NOVAIA ALBANIIA [NEW ALBANIA]. Tirana, nos. 3-4, 1962.

OGONEK [THE LITTLE LIGHT]. Moscow, vol. 40, no. 45(1646), Nov. 1962.

PERETS' [PEPPER]. Issued by Vydavnytstvo [Publishing House] "Radians'ka Ukraina." Kiev, vol. 22, no. 24 (491), Dec. 1962.

PILT JA SONA [PICTURE AND WORD]. Tallinn, vol. 17, no. 11(197), Nov. 1962. [In Estonian]

PIONER [PIONEER]. Erivan, no. 11, Nov. 1962. [In Armenian]

PIONERIIA [PIONEERS]. Issued by TSentral'nyi komitet Leninskoho komunistychnoho soiuzu molodi Ukrainy and Respublikans'ka Rada Vsesoiuznoi pioners'koi organizatsii imeni V. I. Lenina [Central Committee of the Ukrainian Communist Youth League of Lenin and the Republic Council of the All-Union Lenin Pioneers], Kiev, vol. 40, no. 12(469), Dec. 1962.

POL'SHA [POLAND]. Warsaw, no. 12(100), 1962.

RABOCHE-KREST'IANSKII KORRESPONDENT [WORKERS' AND PEASANTS' CORRESPONDENT]. Published by Izd-vo [Publishing House] "Pravda," Moscow, no. 12, Dec. 1962.

SEL'SKAIA MOLODEZH' [RURAL YOUTH]. Issued by TsK VLKSM [Central Committee of the All-Union Communist Youth League of Lenin], Moscow, vol. 29, no. 11, Nov. 1962.

SHMEL' [BUMBLEBEE]. Alma-Ata, vol. 7, no. 12(83), Dec. 1962. [In Kazakh]

SKYNTEIA LENINISTE [LENINIST SPARK]. Issued by Moldavian Communist Youth League of Lenin, Kishinev, vol. 33, no. 12, Dec. 1962. [In Moldavian]

SLUOTA [THE BROOM]. Issued by Lietuvos komunistu partijos Centro komitetas [Central Committee of the Communist Party of Lithuania]. Vilnius, nos. 22(197)-23(198), Nov.-Dec. 1962. [In Lithuanian]

SOGLASIE [CONCORD]. Los Angeles, Calif., vol. 11, no. 132, Sep. 1962.

SVYTURYS [THE LIGHTHOUSE]. Vilnius, vol. 14, nos. 20(332)-22(334), 24(336), Oct.-Dec. 1962. [In Lithuanian]

TAHEKE [THE LITTLE STAR]. Issued by ELKNU Keskkomitee and ENSV Pioneerorganisatsiooni Noukogu [Central Committee of the Lenin Communist Youth League of Estonia and the Council of the Pioneers of the Estonian S. S. R.]. Tallinn, no. 12, 1962. [In Estonian]

UKRAINA [THE UKRAINE]. Published by Vydavnytstvo "Radians'ka Ukraina" [Publishing House "Soviet Ukraine"]. Kiev, nos. 22(325)-23(326), Nov.-Dec. 1962

URAL'SKII SLEDOPYT [URAL PATHFINDER]. Issued by Sverdlovskoe otdelenie Soiuza pisatelei and Sverdlovskii obkom VLKSM [Sverdlovsk Branch of the Association of Writers and the Sverdlovsk Province Committee of the All-Union Communist Youth League of Lenin]. Sverdlovsk, no. 11, Nov. 1962.

UZBEKISTON [UZBEKISTAN]. Tashkent, vol. 21, no 10(250), Oct. 1962.

V'ETNAM [VIETNAM]. Hanoi, Vietnam, no. 10(61), 1962.

VOZHYK [HEDGEHOG]. Minsk, vol. 22, nos. 22(548)-23(549), Nov.-Dec. 1962.

VSESVIT. THE WORLD. Issued by Spilka pys'mennykiv Ukrainy and Ukraina'ke tovarystvo druzhby i kul'turnoho zv'iazku z zarubizhnymy krainamy [Association of Writers of the Ukraine and the Ukrainian Society for Friendship and Cultural Relations with Foreign Countries]. Kiev, vol. 5, no. 12(54), Dec. 1962.

ZHIZN' GLUKHIKH [LIFE OF THE DEAF]. Issued by Vsesoiuznoe obshchestvo glukhikh [All-Russian Society of the Deaf]. Moscow, vol. 15, no. 12, Dec. 1962.

ZVAIGZNE [THE STAR]. Riga, vol. 12, nos. 8(258), 16 (266), 18(268), 23(273), Apr.-Aug., Dec. 1961; vol. 13, no. 23(297), Dec. 1962. [In Latvian]

2. BIBLIOGRAPHY

a. BIBLIOGRAPHY

AKADEMIIA NAUK SSSR. Biblioteka. Novye inostrannye knigi, postupivshie v sistemu biblioteki [ACADEMY OF SCIENCES OF THE U.S.S.R. Library. New Foreign Books Received by the Library System]. Moscow, no. 11(126), 1962.

BIBLOS, ZHURNAL UKRAINS'KOI BIBLIOGRAFII [JOURNAL OF UKRAINIAN BIBLIOGRAPHY]. New York, vol. 8, no. 11(90), Nov. 1962.

INFORMATSIONNYI UKAZATEL' BIBLIOGRAFICHESKIKH SPISKOV I KARTOTEK, SOSTAVLENNYKH BIBLIOTEKAMI SOVETSKOGO SOIUZA [INFORMATION INDEX OF BIBLIOGRAPHICAL LISTS AND CARD FILES, COMPILED BY THE LIBRARIES OF THE SOVIET UNION]. Issued by Gosudarstvennaia biblioteka SSSR [State Library of the U.S.S.R.]. Moscow, vol. 6, nos. 20-24, Oct.-Dec. 1962.

KNIZHNAIA LETOPIS' [BOOK CHRONICLE]. Issued by Vsesoiuznaia knizhnaia palata [All-Union Book Chamber]. Moscow, nos. 46-50, 1962. Vspomogatel'nye ukazateli k nos. 27-39 za 1962 god [Indexes to nos. 27-39 for 1961].

———— Dopolnitel'nyi vypusk [Supplementary Issue], no. 10, 1962. Vspomogatel'nye ukazateli k nos. 7-9 za 1962 god [Indexes to nos. 7-9 for 1962].

LATVIJAS PSR PRESES HRONIKA. LETOPIS' PECHATI LATVIISKOI SSR [CHRONICLE OF PUBLICATIONS OF THE LATVIAN S.S.R.]. Issued by Latvijas PSR gramatu palata [Book Chamber of the Latvian S.S.R.].

MOSCOW. PUBLICHNAIA BIBLIOTEKA. Informatsionnyi biulleten' novykh inostrannykh knig, postupivshikh v Biblioteku imeni V.I. Lenina. Seriia 2. Biologicheskie, meditsinskie i sel'skokhoziaistvennye nauki [PUBLIC LIBRARY. Information Bulletin of New Foreign Books, Received by the Lenin Library. Series 2: Biological, Medical, and Agricultural Sciences]. Vol. 5, nos. 32-35, Nov.-Dec. 1962.

MOSCOW. PUBLICHNAIA BIBLIOTEKA. Informatsionnyi biulleten' novykh inostrannykh knig, postupivshikh v Biblioteku imeni V.I. Lenina. Seriia 3. Obshchestvennye nauki, khudozhestvennaia literatura, iskusstvo [PUBLIC LIBRARY. Information Bulletin of New Foreign Books, Received by the Lenin Library. Series 3: Social Sciences, Belles-Lettres, Art]. Vol. 5, nos. 31-33, 36 Nov.-Dec. 1962.

NOVAIA LITERATURA O NAUKE I NAUCHNO-ISSLEDOVATEL'SKOI RABOTE ZA RUBEZHOM [NEW LITERATURE ON SCIENCE AND RESEARCH ABROAD]. Issued by Fundamental'naia biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 8, 1962.

NOVAIA LITERATURA PO CHEKHOSLOVAKII [NEW LITERATURE ON CZECHOSLOVAKIA]. Issued by Fundamental'naia biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 7, 1962.

NOVAIA LITERATURA PO GERMANSKOI DEMOKRATICHESKOI RESPUBLIKE [NEW LITERATURE ON THE GERMAN DEMOCRATIC REPUBLIC]. Issued by Fundamental'naia biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.]. Moscow, nos. 1-4, 1962.

NOVAIA LITERATURA PO IUGOSLAVII [NEW LITERATURE ON YUGOSLAVIA]. Issued by Fundamental'-biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.]. Moscow, nos. 7/8, 1962.

NOVAIA LITERATURA PO RUMYNII [NEW LITERATURE ON RUMANIA]. Issued by Fundamental'naia biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 7, 1962.

NOVAIA LITERATURA PO VENGRII [NEW LITERATURE ON HUNGARY]. Issued by Fundamental'naia biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.]. Moscow, nos. 7-9, 1962.

NOVAIA SOVETSKAIA I INOSTRANNAIA LITERATURA PO STRANAM ZARUBEZHNOGO VOSTOKA [NEW SOVIET AND FOREIGN LITERATURE ON THE COUNTRIES OF THE NON-SOVIET EAST]. Issued by Fundamental'naia biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 8, 1962.

NOVYE KNIGI [NEW BOOKS]. Issued by Vsesoiuznaia knizhnaia palata [All-Union Book Chamber]. Moscow, nos. 49-50, Dec. 1962.

NOVYE KNIGI ZA RUBEZHOM. Seriia V: Biologiia, meditsina, sel'skoe khoziaistvo [NEW FOREIGN BOOKS. Series V: Biology, Medicine, Agriculture]. Published by Izdatel'stvo inostrannoi literatury [Publishing House of Foreign Literature]. Moscow, vol. 6, nos. 11-12, Nov.-Dec. 1962.

...A RUBEZHOM PO OBSHCHESTVENNYM ...onomika, filosofiia, istoriia, mezhduna...henia [NEW FOREIGN BOOKS ON THE ...NCES; Economics, Philosophy, History, Relations]. Published by Izdatel'stvo ...literatury [Publishing House of Foreign ... Moscow, vol. 5, nos. 11-12, Nov.-Dec.

...BLIOGRAFIIA [SOVIET BIBLIOGRA... ...l by Vsesoiuznaia knizhnaia palata [All...hamber]. Moscow, no. 5(75), 1962.

...ETEN' NOVYKH INOSTRANNYKH KNIG, ...IKH V BIBLIOTEKI SSSR. Seriia A: ...nauki, meditsina, sel'skoe khoziaistvo, ...ON LIST OF NEW FOREIGN BOOKS ...Y THE LIBRARIES OF THE U.S.S.R. ...ural Sciences, Medicine, Agriculture, Moscow, no. 4(68), 1962.

SVODNYI BIULLETEN' NOVYKH INOSTRANNYKH KNIG, POSTUPIVSHIKH V BIBLIOTEKI SSSR. Seriia B. Obshchestvennye nauki [UNION LIST OF NEW FOREIGN BOOKS RECEIVED BY THE LIBRARIES OF THE U.S.S.R. Series B: Social Sciences]. Moscow, no 3(63), 1962.

b. LIBRARIES & LIBRARY SCIENCE

BIBLIOTEKAR' [THE LIBRARIAN]. Organ of Ministerstvo kul'tury RSFSR [Ministry of Culture of the R.S.F.S.R.]. Moscow, no. 11, Nov. 1962.

c. PRINTING & THE BOOK TRADE

REFERATIVNYI ZHURNAL. OTDEL'NYI VYPUSK 37 OBORUDOVANIE I TEKHNOLOGIIA POLIGRAFICHESKOGO PROIZVODSTVA [JOURNAL OF ABSTRACTS. SEPARATE ISSUE 37. EQUIPMENT AND TECHNOLOGY OF THE PRINTING INDUSTRY]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 23, Dec. 1962.

SOVETSKAIA KNIZHNAIA TORGOVLIA [SOVIET BOOK TRADE]. Organ of Ministerstvo kul'tury SSSR and TSentral'nyi soiuz potrebitel'skikh obshchestv SSSR [Ministry of Culture of the U.S.S.R. and the Central Union of Consumers Societies of the U.S.S.R.] Moscow, vol. 14, no. 9, 1962.

3. PHILOSOPHY & RELIGION

a. PHILOSOPHY

AKADEMIIA NAUK KAZAKHSKOI SSR, Alma-Ata. Institut filosofii i prava. Trudy [ACADEMY OF SCIENCES OF THE KAZAKH S.S.R. Institute of Philosophy and Law. Transactions]. Alma-Ata, vol. 6, 1962.

NOVAIA INOSTRANNAIA LITERATURA PO FILOSOFII [NEW FOREIGN LITERATURE ON PHILOSOPHY]. Issued by Fundamental'naia biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 8, 1962.

NOVAIA SOVETSKAIA LITERATURA PO FILOSOFII [NEW SOVIET LITERATURE ON PHILOSOPHY]. Issued by Fundamental'naia biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 9, 1962.

RUSSIA (1923- U.S.S.R.) Ministerstvo vysshego i ... [illegible] ... Moscow, vol. 5, no. 5, 1962.

b. RELIGION

NAUKA I RELIGIIA [SCIENCE AND RELIGION]. Issued by Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii [All-Union Society for the Dissemination of Political and Scientific Knowledge]. Moscow, vol. 4, no. 10, Oct. 1962.

NOVAIA SOVETSKAIA I INOSTRANNAIA LITERATURA PO VOPROSAM RELIGII I ATEIZMA [NEW SOVIET AND FOREIGN LITERATURE ON THE PROBLEMS OF RELIGION AND ATHEISM]. Issued by Fundamental'naia biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.]. Moscow, nos. 6-7/8, 1962.

ORTHODOX EASTERN CHURCH, RUSSIAN. Patriarch. Zhurnal Moskovskoi Patriarkhii [Journal of the Moscow Patriarchate]. Moscow, no. 9, Sep. 1962.

RIDNA TSERKVA [OUR BELOVED CHURCH]. Issued by Bogoslovs'ko-naukovyi instytut Ukrains'koi avtokefal'noi pravoslavnoi tserkvi na chuzhyni [Theological Institute of the Ukrainian Autocephalous Orthodox Church Abroad]. Munich, vol. 11, no. 53, Oct.-Dec. 1962.

TSERKOVNYI VESTNIK [CHURCH HERALD]. Organ of Pravoslavnaia tserkov' v Pol'she [Orthodox Church in Poland] Warsaw, vol 9, no. 9, Sep 1962

VECINOE [THE ETERNAL]. Paris, no. 12(180), Dec. 1962.

4. HISTORY

a. GENERAL

AKADEMIIA NAUK KAZAKHSKOI SSR, Alma-Ata, Izvestiia. Seriia istorii, arkheologii i etnografii [ACADEMY OF SCIENCES OF THE KAZAKH S. S. R. Bulletin. Series in History, Archaeology, and Ethnography]. Alma-Ata, no. 3(20), 1962.

AKADEMIIA NAUK SSSR. Institut istorii. Vestnik drevnei istorii [ACADEMY OF SCIENCES OF THE U. S. S. R. Institute of History. Review of Ancient History]. Moscow, no. 4, 1962.

AKADEMIIA NAUK SSSR. Institut narodov Azii. Kratkie soobshcheniia [ACADEMY OF SCIENCES OF THE U. S. S. R. Institute of the Peoples of Asia. Brief reports]. Moscow, no. 66, 1962.

AKADEMIIA NAUK TURKMENSKOI SSR, Ashkhabad. Institut istorii, arkheologii i etnografii. Trudy [ACADEMY OF SCIENCES OF THE TURKMEN S. S. R Institute of History, Archaeology, and Ethnology. Transactions]. Ashkhabad, vol. 6, 1962.

INSTITUT ZUR ERFORSCHUNG DER UdSSR. Materialy i soobshcheniia Issledovatel'skogo otdela [INSTITUTE FOR THE STUDY OF THE U. S. S. R. Materials and Reports of the Research Department]. Munich, no. 37(165), Sep. 1962.

ISTORICHESKII ARKHIV [HISTORICAL ARCHIVES]. Issued by Institut istorii Akademii nauk SSSR [Institute of History of the Academy of Sciences of the U. S. S. R.]. Moscow, vol. 6, no. 1, Jan.-Feb. 1962.

ISTORIIA SSSR [HISTORY OF THE U. S. S. R.]. Issued by Institut istorii Akademii nauk SSSR [Institute of History of the Academy of Sciences of the U. S. S. R.]. Moscow, vol. 6, no. 6, Nov.-Dec. 1962.

MOSCOW. UNIVERSITET. Vestnik. Seriia 9. Istoriia [UNIVERSITY. Review. Series 9. History]. Vol. 17, no. 6, Nov.-Dec. 1962.

NARODY AZII I AFRIKI. Istoriia, ekonomika, kul'tura [PEOPLES OF ASIA AND AFRICA; History, Economics, Culture]. Issued by Institut narodov Azii and Institut Afriki Akademii nauk SSSR [Institute of the Peoples of Asia and Institute of Africa of the Academy of Sciences of the U. S. S. R.]. No. 6, 1962.

NOVAIA SOVETSKAIA LITERATURA PO ISTORII, ARKHEOLOGII I ETNOGRAFII [NEW SOVIET LITERATURE ON HISTORY, ARCHAEOLOGY, AND ETHNOGRAPHY]. Issued by Fundamental'naia biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U. S. S. R.]. Moscow, no. 6, 1962.

PREPODAVANIE ISTORII V SHKOLE [TEACHING HISTORY IN SCHOOLS]. Issued by Ministerstvo prosveshcheniia RSFSR [Ministry of Education of the R. S. F. S. R.]. Moscow, vol. 17, no. 5, Sep.-Oct. 1962.

UKRAINS'KYI ISTORYCHNYI ZHURNAL [UKRAINIAN HISTORICAL JOURNAL]. Issued by Instytut istorii Akademii nauk URSR [Institute of History of the Academy of Sciences of the Ukrainian S. S. R.] and others. Kiev, vol. 6, nos. 4-5, July-Oct. 1962.

VOENNO-ISTORICHESKII ZHURNAL [MILITARY HISTORY JOURNAL]. Organ of Ministerstvo oborony SSSR [Ministry of Defense of the U. S. S. R.]. Moscow, vol. 4, no. 11, Nov. 1962.

b. ARCHAEOLOGY & ANTIQUITIES

AKADEMIIA NAUK SSSR. Institut arkheologii. Kratkie soobshcheniia o dokladakh i polevykh issledovaniiakh [ACADEMY OF SCIENCES OF THE U. S. S. R. Institute of Archaeology. Brief Summaries of Reports and Field Explorations]. Moscow, no. 87, 1962.

MATERIALY I ISSLEDOVANIIA PO ARKHEOLOGII SSSR [MATERIALS AND RESEARCH IN THE ARCHAEOLOGY OF THE U. S. S. R.]. Issued by Institut arkheologii Akademii nauk SSSR [Institute of Archaeology of the Academy of Sciences of the U. S. S. R.]. Moscow, no. 113, 1962.

MATERIALY I ISSLEDOVANIIA PO ARKHEOLOGII SSSR [MATERIALS AND RESEARCH IN THE ARCHAEOLOGY OF THE U. S. S. R.] Issued by Institut arkheologii Akademii nauk SSSR [Institute of Archaeology of the Academy of Sciences of the U. S. S. R.]. Moscow, no. 120, 1962.
Contents Sorokin, V. S. [A Bronze Age burial mound Tasty-Butak No. 1 in western Kazakhstan] Mogil'nik bronzovoi epokhi Tasty-Butak 1 v Zapadnom Kazakhstane 206 p.

SOVETSKAIA ARKHEOLOGIIA [SOVIET ARCHAEOLOGY]. Issued by Institut arkheologii Akademii nauk SSSR [Institute of Archaeology of the Academy of Sciences of the U. S. S. R.]. Moscow, vol. 6, no. 4, 1962.

5. SOCIAL SCIENCES

a. COMMERCE

BIULLETEN' INOSTRANNOI KOMMERCHESKOI INFORMATSII [BULLETIN OF FOREIGN COMMERCIAL INFORMATION]. Issued by Nauchno-issledovatel'skii kon"iunkturnyi institut [Scientific Research Institute of Economic Trends]. Moscow, prilozhenie [Supplement], no. 4, May 1962
Contents. [Economic development of the people's democracies in 1961] Razvitie ekonomiki stran narodnoi demokratii v 1961 g 174 p.
[MICROFILM]

BUKHGALTERSKII UCHET [ACCOUNTING]. Issued by Ministerstvo finansov SSSR [Ministry of Finance of the U. S. S. R.]. Moscow, vol. 19, no. 10, Oct. 1962.

NOVYE TOVARY; informatsionnyi biulleten' [NEW CONSUMER GOODS, Information Bulletin]. Moscow, no. 12, 1962.

SOVETSKAIA TORGOVLIA [SOVIET COMMERCE]. Issued by Ministerstvo torgovli RSFSR [Ministry of Commerce of the R. S. F. S. R.]. Moscow, vol. 35, no. 7, July 1962.

TORGOVLIA ZA RUBEZHOM; organizatsiia, novye metody, tekhnika torgovli i massovogo pitaniia [TRADE ABROAD; Organization, New Methods, and Equipment of Trade and Public Food Service]. Moscow, no. 11, 1962.

*VNESHNIAIA TORGOVLIA [FOREIGN TRADE]. Organ of Ministerstvo vneshnei torgovli SSSR [Ministry of Foreign Commerce of the U. S. S. R.]. Moscow, vol 42, no. 11, 1962.

b. ECONOMICS

EKONOMIKA SEL'SKOGO KHOZIAISTVA [ECONOMICS OF AGRICULTURE]. Issued by Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U. S. S. R.]. Moscow, vol. 33, no. 10, Oct. 1962.

EKONOMIKA STROITEL'STVA [ECONOMICS OF CONSTRUCTION]. Issued by Gosudarstvennyi komitet Soveta Ministrov SSSR po delam stroitel'stva [State Committee of the Council of Ministers of the U. S. S. R. for Construction]. Moscow, no. 11, Nov. 1962.

LIAUDIES UKIS [THE NATIONAL ECONOMY]. Issued by Lietuvos TSR Valstybine plano komisija [State Planning Commission of the Lithuanian S. S. R.] and others. Vilnius, nos. 10(43)-11(49), Oct.-Nov. 1962. [In Lithuanian]

MOSCOW. EKONOMIKO-STATISTICHESKII INSTITUT. Voprosy statistiki i ucheta [INSTITUTE OF ECONOMICS AND STATISTICS. Problems of Statistics and Accounting]. No. 5, 1961.

NARODNOE KHOZIAISTVO ARMENII [THE NATIONAL ECONOMY OF ARMENIA]. Issued by Gosplan Soveta Ministrov Armianskoi SSR [State Planning Commission of the Council of Ministers of the Armenian S. S. R.]. Erivan, no. 11, 1962. [In Armenian]

NARODNOE KHOZIAISTVO KAZAKHSTANA [THE NATIONAL ECONOMY OF KAZAKHSTAN]. Issued by Gosplan Kazakhskoi SSR [State Planning Commission of the Kazakh S. S. R.]. Alma-Ata, vol. 20, no. 9, Sep. 1962.

NARODNOE KHOZIAISTVO UZBEKISTANA [THE NATIONAL ECONOMY OF UZBEKISTAN]. Issued by Gosudarstvennaia planovaia komissiia Soveta Ministrov Uzbekskoi SSR [State Planning Commission of the Council of Ministers of the Uzbek S. S. R.]. Tashkent vol. 4, no. 10, Oct. 1962.

NOVAIA INOSTRANNAIA EKONOMICHESKAIA LITERATURA [NEW FOREIGN ECONOMIC LITERATURE]. Issued by Fundamental'naia biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U. S. S. R.]. Moscow, no. 6, 1962.

NOVAIA SOVETSKAIA EKONOMICHESKAIA LITERATURA [NEW SOVIET ECONOMIC LITERATURE] Issued by Fundamental'naia biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U. S. S. R.] Moscow, nos. 25-28, 1962

OCHERKI PO SOVREMENNOI SOVETSKOI I ZARUBEZHNOI EKONOMIKE [STUDIES ON CONTEMPORARY SOVIET AND FOREIGN ECONOMICS]. Issued by Nauchno-issledovatel'skii ekonomicheskii institut [Scientific Research Institute of Economics]. Moscow, no. 3, 1962.

PLANOVOE KHOZIAISTVO [PLANNED ECONOMY]. Issued by Gosekonomsovet SSSR and Gosplan SSSR [State Economic Council of the U. S. S. R. and the State Planning Commission of the U. S. S. R.]. Moscow, vol 39, no. 11, Nov. 1962.

REFERATIVNYI SBORNIK EKONOMIKA PROMYSHLENNOSTI [JOURNAL OF ABSTRACTS ECONOMICS OF INDUSTRY]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U. S. S. R.]. Moscow, no. 11, Nov. 1962.

RUSSIA (1923- U. S. S. R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Nauchnye doklady vysshei shkoly; ekonomicheskie nauki [Ministry of Higher and Secondary Specialized Education. Research Papers of Higher Schools; Economics]. Moscow, vol. 5, no. 3, 1962.

SOVETSKAIA POTREBITEL'SKAIA KOOPERATSIIA [SOVIET CONSUMER COOPERATION]. Issued by TSentral'nyi soiuz potrebitel'skikh obshchestv SSSR [Central Union of Consumers Societies of the U. S. S. R.]. Moscow, vol. 6, nos. 7, 10, July, Oct. 1962.

UCHET I FINANSY V KOLKHOZAKH I SOVKHOZAKH [ACCOUNTING AND FINANCE ON COLLECTIVE AND STATE FARMS]. Issued by Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U. S. S. R.]. Moscow, vol. 10, nos. 7, 11, July, Nov. 1962.

VOPROSY EKONOMIKI [PROBLEMS OF ECONOMICS]. Issued by Institut ekonomiki Akademii nauk SSSR [Institute of Economics of the Academy of Sciences of the U. S. S. R.]. Moscow, nos. 10-11, Oct.-Nov. 1962.

d. LABOR

OKHRANA TRUDA I SOTSIAL'NOE STRAKHOVANIE [PROTECTION OF LABOR AND SOCIAL INSURANCE]. Issued by Vsesoiuznyi TSentral'nyi Sovet Professional'nykh Soiuzov [All-Union Central Council of Trade Unions]. Moscow, vol. 5, no. 10, Oct. 1962.

RABOTNITSA I SIALIANKA [THE WOMAN WORKER AND THE PEASANT WOMAN]. Issued by TSentral'nyi komitet Kommunisticheskoi partyi Belarusi [Central Committee of the Communist Party of White Russia]. Minsk, vol. 38, no. 11, Nov. 1962.

SOVETSKIE PROFSOIUZY [SOVIET TRADE UNIONS]. Issued by Vsesoiuznyi TSentral'nyi Sovet Professional'nykh Soiuzov [All-Union Central Council of Trade Unions]. Moscow, vol. 13, no. 21(255), Nov. 1962.

VSEMIRNOE PROFSOIUZNOE DVIZHENIE [WORLD TRADE-UNION MOVEMENT]. Organ of Vsemirnaia federatsiia profsoiuzov [World Federation of Trade Unions]. Moscow, no. 10, Oct. 1962.

e. SOCIOLOGY

AZERBAICHAN GADYNY [AZERBAIJAN WOMAN]. Issued by TSentral'nyi komitet Kommunisticheskoi Partii Azerbaidzhana [Central Committee of the Communist Party of Azerbaijan]. Baku, no. 11, Nov. 1962. [In Azerbaijani]

KAZACH'IA ZHIZN' [COSSACK LIFE]. Issued by Vtoroi otdel Kazach'o-amerikanskogo narodnogo soiuza [Second Division of the Cossack American National Alliance, Inc.]. Province, R. I., vol. 10, no. 117, Nov. 1962.

KAZAKSTAN EIELDERI [KAZAKHSTAN WOMAN]. Alma-Ata, no. 12, Dec. 1962. [In Kazakh]

NOUKOGUDE NAINE [SOVIET WOMAN]. Issued by EKP Keskkomitee [Central Committee of the Communist Party of Estonia]. Tallinn, no. 12, Dec. 1962. [In Estonian]

PADOMJU LATVIJAS SIEVIETE [WOMAN OF SOVIET LATVIA]. Issued by Latvijas komunistiskas partijas Centrala komiteja [Central Committee of the Communist Party of Latvia]. Riga, no. 12(124), Dec. 1962. [In Latvian]

RADIANS'KA ZHINKA [SOVIET WOMAN]. Issued by Ukrains'ka respublikans'ka rada profesiinykh spilok and Spilka radians'kykh pys'mennykiv Ukrainy [Ukrainian Republic Council of Trade Unions and the Association of Soviet Writers of the Ukraine]. Kiev, vol. 17, no. 12(204), Dec. 1962.

SOVET TURKMENISTANYNYN AIALLARY [SOVIET TURKMENISTAN WOMAN]. Organ of TsK KP Turkmenistana [Central Committee of the Communist Party of Turkmenistan]. Ashkhabad, no. 11(113), Nov. 1962. [In Turkmen]

SOVETSKAIA ZHENSHCHINA [SOVIET WOMAN] Organ of Komitet sovetskikh zhenshchin and Vsesoiuznyi TSentral'nyi Sovet Professional'nykh Soiuzov [Committee of Soviet Women and the All-Union Central Council of Trade Unions]. Moscow, vol. 19, no. 1, 1963.

TARYBINE MOTERIS [SOVIET WOMAN]. Issued by Lietuvos komunistu partijos Centro komitetas [Central Committee of the Communist Party of Lithuania]. Vilnius, nos. 11(131)-12(132), Nov.-Dec. 1962. [In Lithuanian]

ŬZBEKISTON KHOTIN-KIZLARI [WOMEN OF UZBEKISTAN]. Tashkent, nos. 9(144), 11(146)-12(147), Sep., Nov.-Dec. 1962. [In Uzbek]

UZBEKISTON SOTSIAL TA'MINOTI [SOCIAL SECURITY OF UZBEKISTAN]. Issued by Ministerstvo sotsial'nogo obespecheniia Uzbekskoi SSR [Ministry of Social Security of the Uzbek S. S. R.]. Tashkent, no. 5(24), Oct. 1962. [In Uzbek]

ZMINA [THE YOUNGER GENERATION]. Issued by TSentral'nyi komitet Lenins'koho komunistychnoho soiuzu molodi Ukrainy [Central Committee of the Ukrainian Communist Youth League of Lenin]. Kiev, no. 12 (117), Dec. 1962.

6. POLITICAL SCIENCE

AGITATOR [AGITATOR]. Issued by TSentral'nyi komitet Kommunisticheskoi partii Sovetskogo Soiuza [Central Committee of the Communist Party of the Soviet Union]. Moscow, nos. 21, 24, Nov.-Dec. 1962.

BLOKNOT AGITATORA [THE AGITATOR'S NOTEBOOK]. Issued by Otdel propagandy i agitatsii TSentral'nogo komiteta Kommunisticheskoi partii Ukrainy [Propaganda and Dissemination Section of the Central Committee of the Communist Party of the Ukraine]. Kiev, no. 30, Oct. 1959.

CHASOVOI [THE SENTRY]. Organ of Rossiiskoe natsional'noe dvizhenie [Russian National Movement]. Brussels, no. 421(6), June 1961; no. 439/440(12-1), Dec. 1962-Jan. 1963.

EESTI KOMMUNIST [COMMUNIST OF ESTONIA]. Issued by Eestimaa Kommunistliku Partei Keskkomitee [Central Committee of the Communist Party of Estonia]. Tallinn, vol. 18, nos. 11-12, Nov.-Dec. 1962. [In Estonian]

KAMUNIST BELARUSI [COMMUNIST OF WHITE RUSSIA]. Issued by TSentral'ny kamitet Kamunistychnai partyi Belarusi [Central Committee of the Communist Party of White Russia]. Minsk, vol. 36, no. 11, Nov. 1962.

KAZAKSTAN KOMMUNISI [COMMUNIST OF KAZAKHSTAN]. Issued by the Communist Party of Kazakhstan. Alma-Ata, vol. 42, no. 11, Nov. 1962. [In Kazakh]

KOMMUNIST [COMMUNIST]. Issued by TSentral'nyi Komitet Kommunisticheskoi partii Litvy [Central Committee of the Communist Party of Lithuania]. Vilnius, vol. 45, no. 11(461), Nov. 1962.

KOMMUNIST [COMMUNIST]. Issued by TSentral'nyi komitet Kommunisticheskoi partii Sovetskogo Soiuza [Central Committee of the Communist Party of the Soviet Union]. Moscow, vol. 39, no. 17, Nov. 1962.

KOMMUNIST [COMMUNIST]. Organ of the Central Committee of the Communist Party of Kirghizia. Frunze, vol. 36, no. 11, Nov. 1962. [In Kirghiz]

KOMMUNIST BELORUSSII [COMMUNIST OF WHITE RUSSIA]. Issued by TSentral'nyi komitet Kommunisticheskoi partii Belorussii [Central Committee of the Communist Party of White Russia]. Minsk, vol. 36, no. 10, Oct. 1962.

KOMMUNIST ESTONII [COMMUNIST OF ESTONIA]. Issued by TsK Kompartii Estonii [Central Committee of the Communist Party of Estonia]. Tallinn, vol. 18, no. 11, Nov. 1962.

KOMMUNIST MOLDAVII [COMMUNIST OF MOLDAVIA]. Issued by TSentral'nyi komitet Kommunisticheskoi partii Moldavii [Central Committee of the Communist Party of Moldavia]. Kishinev, vol. 7, nos. 7, 10, July, Oct. 1962.

KOMMUNIST SOVETSKOI LATVII [COMMUNIST OF SOVIET LATVIA]. Issued by TSentral'nyi Komitet Kommunisticheskoi partii Latvii [Central Committee of the Communist Party of Latvia]. Riga, vol. 18, nos. 11-12, Nov.-Dec. 1962.

KOMMUNIST UKRAINY [COMMUNIST OF THE UKRAINE]. Issued by TSentral'nyi komitet Kommunistychnoi partii Ukrainy [Central Committee of the Communist Party of the Ukraine]. Kiev, vol. 38, no. 10, Oct. 1962.

KOMUNIST UKRAINY [COMMUNIST OF THE UKRAINE]. Issued by TSentral'nyi komitet Komunistychnoi partii Ukrainy [Central Committee of the Communist Party of the Ukraine]. Kiev, vol. 38, nos. 11-12, Nov.-Dec. 1962. [In Ukrainian]

KOMMUNIST UZBEKISTANA [COMMUNIST OF UZBEKISTAN]. Issued by TSentral'nyi komitet Kommunisticheskoi partii Uzbekistana [Central Committee of the Communist Party of Uzbekistan]. Tashkent, vol. 34, no. 5, May, 1962.

KOMMUNISTI TOCHIKISTON [COMMUNIST OF TAJIKISTAN]. Issued by the Central Committee of the Communist Party of Tajikistan. Dushanbe, vol. 27, nos. 11-12, Nov.-Dec. 1962. [In Tajik]

LENINIAN UGIOV [LENIN'S WAY]. Issued by TSentral'nyi komitet Kommunisticheskoi partii Armenii [Central Committee of the Communist Party of Armenia]. Erivan, vol. 41, no. 11, Nov. 1962. [In Armenian]

MEZHDUNARODNAIA ZHIZN' [INTERNATIONAL LIFE]. Published by Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii [All-Union Society for the Dissemination of Political and Scientific Knowledge]. Moscow, vol. 9, no. 12, Dec. 1962.

MOSCOW. Ispolnitel'nyi komitet. Biulleten' [Executive Committee. Bulletin]. No. 21(507), Nov. 1962.

NOVOE VREMIA [NEW TIMES]. Moscow, vol. 20, nos. 39(905), 48(912)-49(915), Sep., Nov.-Dec. 1962.

PADOMJU LATVIJAS KOMUNISTS [COMMUNIST OF SOVIET LATVIA]. Issued by Latvijas komunistiskas partijas Centrala komiteja [Central Committee of the Communist Party of Latvia]. Riga, vol. 18, no. 12, Dec. 1962. [In Latvian]

PARTIIA TURMUSHI [PARTY LIFE]. Issued by TSentral'nyi Komitet Kommunisticheskoi partii Uzbekistana [Central Committee of the Communist Party of Uzbekistan]. Tashkent, no. 12, Dec. 1962. [In Uzbek]

PARTIINAIA ZHIZN' KAZAKHSTANA [PARTY LIFE OF KAZAKHSTAN]. Issued by TSentral'nyi komitet KP Kazakhstana [Central Committee of the Communist Party of Kazakhstan]. Alma-Ata, vol. 32, nos. 10-11, Oct.-Nov. 1962.

PROBLEMY MIRA I SOTSIALIZMA [PROBLEMS OF PEACE AND SOCIALISM]. Prague, vol. 5, no. 12(52), Dec. 1962.

RUSSIA (1917- R.S.F.S.R.) Verkhovnyi Sovet. Vedomosti [Supreme Soviet. Gazette]. Moscow, vol. 6, nos. 45(215)-49(218), Nov.-Dec. 1962.

RUSSIA (1923- U.S.S.R.) Verkhovnyi Sovet. Vedomosti [Supreme Soviet. Gazette]. Moscow, vol. 25, nos. 51(1138)-52(1139) Dec. 1962; vol. 26, nos. 1 (1140)-2(1141), Jan. 1962.

RUSSKOE DELO. RUSSIAN CAUSE. Issued by Predstavitel'stvo rossiiskikh emigrantov v Amerike [Russian Immigrants' Representative Association in America]. New York, vol. 4, no. 8(44), Aug. 1962.

SVOBODA [FREEDOM]. Issued by TSentral'noe ob"edinenie politicheskikh emigrantov iz SSSR [Central Association of Political Refugees from the U.S.S.R.]. Munich, vol. 11, no. 11(125), Nov. 1962.

TURKMENISTAN KOMMUNISTI [COMMUNIST OF TURKMENISTAN]. Organ of the Central Committee of the Communist Party of Turkmenistan. Ashkhabad, vol. 38, no. 11, Nov. 1962. [In Turkmen]

ŬZBEKISTON KOMMUNISTI [COMMUNIST OF UZBEKISTAN]. Issued by the Central Committee of the Communist Party of Uzbekistan. Tashkent, vol. 31, no. 11, Nov. 1962. [In Uzbek]

VOPROSY ISTORII KPSS [PROBLEMS OF THE HISTORY OF THE COMMUNIST PARTY OF THE SOVIET UNION]. Organ of Institut marksizma-leninizma pri TsK KPSS [Institute of Marxism-Leninism, Attached to the Central Committee of the Communist Party of the Soviet Union]. Moscow, vol. 6, no. 6, 1963.

7. LAW

RADIANS'KE PRAVO [SOVIET LAW]. Organ of Ministerstvo iustytsii URSR [Ministry of Justice of the Ukrainian S. S. R.] and others. Kiev, no. 6, Nov.-Dec. 1962.

RUSSIA (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii, pravovedenie [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Jurisprudence]. Moscow, vol. 6, no. 3, 1962.

SOVETSKOE GOSUDARSTVO I PRAVO [SOVIET STATE AND LAW]. Organ of Institut gosudarstva i prava Akademii nauk SSSR [Institute of State and Law of the Academy of Sciences of the U.S.S.R.]. Moscow, vol. 32, no. 11, Nov. 1962.

8. EDUCATION

a. GENERAL

KAZAKSTAN MEKTEBI [KAZAKHSTAN SCHOOLS]. Organ of the Ministry of Education of the Kazakh S. S. R. Alma-Ata, vol. 37, no. 11, Nov. 1962 [In Kazakh]

NACHAL'NAIA SHKOLA [PRIMARY SCHOOL]. Issued by Ministerstvo prosveshchenila RSFSR [Ministry of Education of the R. S. F. S. R.]. Moscow, vol. 30, no. 11, Nov. 1962.

NARODNAIA ASVETA [PUBLIC EDUCATION]. Ministerstvo asvety BSSR [Ministry of Education of the White Russian S. S. R.]. Minsk, no. 10, Oct. 1962.

NARODNOE OBRAZOVANIE [PUBLIC EDUCATION]. Issued by Ministerstvo prosveshchenila RSFSR [Ministry of Education of the R. S. F. S. R.]. Moscow, nos. 11-12, Nov.-Dec. 1962.

NOUKOGUDE KOOL [SOVIET SCHOOL]. Issued by Eesti Noukogude Sotsialistliku Vabariigi Haridusministeerium [Ministry of Education of the Estonian S. S. R.]. Tallinn, vol. 20, no. 12, Dec. 1962. [In Estonian]

PADOMJU LATVIJAS SKOLA [THE SCHOOL IN SOVIET LATVIA]. Issued by LPSR Izglitibas ministrija [Ministry of Education of the Latvian S. S. R.]. Riga, nos. 11-12, Nov.-Dec. 1962. [In Latvian]

RADIANS'KA SHKOLA [SOVIET SCHOOL]. Organ of Ministerstvo osvity Ukrains'koi RSR [Ministry of Education of the Ukrainian S. S. R.]. Kiev, vol. 41, nos. 10-11, Oct.-Nov. 1962.

SHKOLA I PROIZVODSTVO [SCHOOL AND PRODUCTION]. Issued to Ministerstvo prosveshchenila RSFSR po voprosam trudovogo vospitaniia politekhnicheskogo i proizvodstvennogo obrazovaniia [Ministry of Education of the R. S. F. S. R. on Problems in Labor Training through the System of Polytechnic and Industrial Education]. Moscow, vol. 6, no. 5, May 1963.

SOVET MAKTABI [SOVIET SCHOOL]. Organ of Ministerstvo prosveshchenila Uzbekskoi SSR [Ministry of Education of the Uzbek S. S. R.]. Tashkent, no. 10, Oct. 1962. [In Uzbek]

SOVETSKAIA PEDAGOGIKA [SOVIET PEDAGOGY]. Issued by Akademiia pedagogicheskikh nauk RSFSR [Academy of Pedagogical Sciences of the R. S. F. S. R.]. Moscow, vol. 26, no. 6, June 1962.

SREDNEE SPETSIAL'NOE OBRAZOVANIE [SECONDARY SPECIALIZED EDUCATION]. Organ of Ministerstvo vysshego i srednego spetsial'nogo obrazovanila SSSR [Ministry of Higher and Secondary Specialized Education of the U. S. S. R.]. Moscow, vol. 9, nos. 8, 10, Aug., Oct. 1962.

TARYBINE MOKYKLA [SOVIET SCHOOL]. Organ of Lietuvos TSR Svietimo ministerija [Ministry of Education of the Lithuanian S. S. R.]. Vilnius, no. 11, Nov. 1962. [In Lithuanian]

VESTNIK VYSSHEI SHKOLY [REVIEW OF SCHOOLS FOR HIGHER EDUCATION]. Organ of Ministerstvo vysshego i srednego spetsial'nogo obrazovanila SSSR [Ministry of Higher and Secondary Specialized Education of the U. S. S. R.]. Moscow, vol. 20, no. 11, Nov. 1962.

VOZHATYI [PIONEER GUIDE]. Published by TSentral'nyi komitet Vsesoiuznogo leninskogo kommunisticheskogo soiuza molodezhi and TSentral'nyi sovet Vsesoiuznoi pionerskoi organizatsii imeni V. I. Lenina [Central Committee of the All-Union Communist Youth League of Lenin and the Central Council of the All-Union Lenin Pioneers]. Moscow, vol. 38, no. 12, Dec. 1962.

b. PHYSICAL EDUCATION & GAMES

KEHAKULTUUR [PHYSICAL CULTURE]. Organ of Eesti NSV Spordiühingute ja -organisatsioonide Liit [Union of Sports Associations and Organizations of the Estonian S. S. R.]. Tallinn, vol. 23, nos. 21 (462)-22(463), Nov. 1962. [In Estonian]

LEGKAIA ATLETIKA [TRACK AND FIELD ATHLETICS]. Organ of TSentral'nyi sovet Soiuza sportivnykh obshchestv i organizatsii SSSR [Central Council of the Association of Sports Societies and Organizations of the U. S. S. R.]. Moscow, vol. 8, nos. 11(90)-12(91), Nov.-Dec. 1962.

SAHS [CHESS] Issued by Latvijas PSR Sporta biedribu un organizaciju savienlba and Saha federacija [Union of Sports Associations and Organizations and the Chess Federation of the Latvian S. S. R.]. Riga, nos. 17(70)-21(83), Sep.-Nov. 1962. [In Latvian]

SHAKHMATY [CHESS]. Issued by Soiuz sportivnykh obshchestv i organizatsii and Shakhmatnaia federatsiia Latvilskoi SSR [Union of Sports Associations and Organizations and the Chess Federation of the Latvian S. S. R.]. Riga, nos. 21(69)-22(70), Nov. 1962.

SHAKHMATNYI BIULLETEN' [CHESS BULLETIN]. Organ of Shakhmatnaia federatsiia SSSR [Chess Federation of the U. S. S. R.]. Moscow, vol. 8, no. 12, Dec. 1962.

SHAKHMATY V SSSR [CHESS IN THE U. S. S. R.]. Organ of Shakhmatnaia federatsiia SSSR [Chess Federation of the U. S. S. R.]. Moscow, vol. 39, no. 11, Nov. 1962.

SHASHKI [CHECKERS]. Issued by Soiuz sportivnykh obshchestv i organizatsii Latvilskoi SSR and Shashechnaia federatsiia Latvilskoi SSR [Union of Sports Associations and Organizations of the Latvian S. S. R. and the Checkers Federation of the Latvian S. S. R.] Riga, no. 4(15), July-Aug. 1962.

SPORTIVNAIA ZHIZN' ROSSII [SPORT LIFE IN RUSSIA]. Organ of Vserossiiskii sovet Soiuza sportivnykh obshchestv i organizatsii [All-Russian Council of the Association of Sports Societies and Organizations]. Moscow, vol. 6, no. 12, 1962.

SPORTIVNYE IGRY [ATHLETIC GAMES]. Organ of TSentral'nyi sovet Soiuza sportivnykh obshchestv i organizatsii SSSR [Central Council of the Association of Sports Societies and Organizations of the U. S. S. R.]. Moscow, vol. 8, no. 11(90), Nov. 1962.

TEORIIA I PRAKTIKA FIZICHESKOI KUL'TURY [THEORY AND PRACTICE OF PHYSICAL CULTURE]. Organ of TSentral'nyi sovet Soiuza sportivnykh obshchestv i organizatsii SSSR [Central Council of the Association of Sports Societies and Organizations of the U. S. S. R.]. Moscow, vol. 25, nos. 6, 8, June, Aug. 1962.

9. MUSIC, THEATER & MOTION PICTURES

a. MOTION PICTURES

KINOMEKHANIK [MOTION-PICTURE OPERATOR]. Issued by Ministerstvo kul'tury SSSR [Ministry of Culture of the U. S. S. R.]. Moscow, no. 11, Nov. 1962.

SOVETSKII EKRAN [THE SOVIET SCREEN]. Organ of Ministerstvo kul'tury SSSR and Soiuz rabotnikov kinematografii SSSR [Ministry of Culture of the U. S. S. R. and the Union of Motion-Picture Workers of the U. S. S. R.]. Moscow, nos. 22(142)-23(143), Nov.-Dec. 1962.

TEKHNIKA KINO I TELEVIDENIIA [MOTION-PICTURE AND TELEVISION ENGINEERING]. Organ of Ministerstvo kul'tury SSSR [Ministry of Culture of the U. S. S. R.]. Moscow, vol. 6, nos. 11-12, Nov.-Dec. 1962.

b. MUSIC

LETOPIS' MUZYKAL'NOI LITERATURY [CHRONICLE OF MUSICAL LITERATURE]. Issued by Vsesoiuznaia knizhnaia palata [All-Union Book Chamber]. Moscow, no. 4, 1962.

MUZYKAL'NAIA ZHIZN' [MUSICAL LIFE]. Organ of Soiuz kompozitorov SSSR and Ministerstvo kul'tury SSSR [Association of Composers of the U. S. S. R. and the Ministry of Culture of the U. S. S. R.]. Moscow, vol. 5, no. 23, Dec. 1962.

SOVETSKAIA MUZYKA [SOVIET MUSIC]. Organ of Soiuz kompozitorov SSSR and Ministerstvo kul'tury SSSR [Association of Composers of the U. S. S. R. and the Ministry of Culture of the U. S. S. R.]. Moscow, vol. 26, no. 9, Sep. 1962.

c. THEATER

KHUDOZHESTVENNAIA SAMODEIATEL'NOST' [AMATEUR ART ACTIVITIES]. Issued by Vsesoiuznyi TSentral'nyi Sovet Professional'nykh Soiuzov [All-Union Central Council of Trade Unions]. Moscow, vol. 6, nos. 11-12, Nov.-Dec. 1962.

MOLODEZHNAIA ESTRADA [YOUNG PEOPLE'S STAGE]. Published by "Molodaia gvardiia" ["Young guard"]. Moscow, no. 6(114), 1962.

SOVETSKII TSIRK [THE SOVIET CIRCUS]. Organ of Ministerstvo kul'tury SSSR [Ministry of Culture of the U. S. S. R.]. Moscow, vol. 6, no. 11(62), Nov. 1962

TEATRAL'NAIA ZHIZN' [LIFE OF THE THEATER]. Organ of Ministerstvo kul'tury RSFSR [Ministry of Culture of the R. S. F. S. R.] and others. Moscow, nos. 22-23, Nov.-Dec. 1962.

10. FINE ARTS

a. GENERAL

DEKORATIVNOE ISKUSSTVO SSSR [DECORATIVE ART OF THE U. S. S. R.]. Issued by Soiuz khudozhnikov SSSR [Association of Artists of the U. S. S. R.]. Moscow, no. 11(60), Nov. 1962.

KHUDOZHNIK [ARTIST]. Issued by Soiuz khudozhnikov RSFSR [Association of Artists of the R. S. F. S. R.]. Moscow, vol. 5, no. 12, 1962.

TVORCHESTVO [CREATIVE WORK]. Issued by Soiuz khudozhnikov SSSR [Association of Artists of the U. S. S. R.]. Moscow, no. 11(71), 1962.

b. ARCHITECTURE

ARKHITEKTURA SSSR [ARCHITECTURE OF THE U. S. S. R.]. Organ of Akademiia stroitel'stva i arkhitektury SSSR and Soiuz arkhitektorov SSSR [Academy of Construction and Architecture of the U. S. S. R. and the Association of Architects of the U. S. S. R.]. Moscow, nos. 9-10, 1962.

STROITEL'STVO I ARKHITEKTURA [CONSTRUCTION AND ARCHITECTURE]. Issued by Gosudarstvennyi komitet Soveta Ministrov USSR po delam stroitel'stva and Soiuz arkhitektorov Ukrainy [State Committee of the Council of Ministers of the Ukrainian S. S. R. for Construction and the Association of Architects of the Ukraine]. Kiev, vol. 10, no. 10(94), Oct. 1962.

STROITEL'STVO I ARKHITEKTURA LENINGRADA [CONSTRUCTION AND ARCHITECTURE IN LENINGRAD]. Organ of Ispolnitel'nyi komitet Leningradskogo gorodskogo soveta deputatov trudiashchikhsia [Executive Committee of the Leningrad City Soviet of Workers' Deputies] and others. Leningrad, vol. 23, no. 12, Dec. 1961, vol. 24, no. 10, Oct. 1962.

11. LANGUAGE, LITERATURE & FOLKLORE

a. LANGUAGE

INOSTRANNYE IAZYKI V SHKOLE [FOREIGN LANGUAGES IN SCHOOLS]. Issued by Ministerstvo prosveshchenila RSFSR [Ministry of Education of the R. S. F. S. R.]. Moscow, no. 4, July-Aug. 1962.

KEEL JA KIRJANDUS [LANGUAGE AND LITERATURE]. Issued by Eesti NSV Teaduste Akadeemia and Eesti NSV Kirjanike Liit [Academy of Sciences of the Estonian S. S. R. and the Association of Writers of the Estonian S. S. R.]. Tallinn, vol. 5, no. 12, Dec. 1962. [In Estonian]

NOVAIA INOSTRANNAIA LITERATURA PO IAZYKOZNANIIU [NEW FOREIGN LITERATURE IN LINGUISTICS]. Issued by Fundamental'naia biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U. S. S. R.]. Moscow, no. 9, 1962.

NOVAIA SOVETSKAIA LITERATURA PO IAZYKOZNANIIU [NEW SOVIET LITERATURE IN LINGUISTICS]. Issued by Fundamental'naia biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U. S. S. R.]. Moscow, no. 9, 1962.

RUSSKII IAZYK V NATSIONAL'NOI SHKOLE [THE RUSSIAN LANGUAGE IN NON-RUSSIAN SCHOOLS]. Issued by Akademiia pedagogicheskikh nauk RSFSR [Academy of Pedagogical Sciences of the R. S. F. S. R.]. Moscow, no. 6, 1962.

RUSSKII IAZYK V SHKOLE [RUSSIAN LANGUAGE IN SCHOOLS]. Ministerstvo prosveshchenila RSFSR [Ministry of Education of the R. S. F. S. R.]. Moscow, vol. 23, no. 5, Sep.-Oct. 1962.

b. LITERATURE & FOLKLORE

ALA-TOO, literaturno-khudozhestvennyi i obshchestvenno-politicheskii zhurnal [ALA-TAU, Literary and Socio-political Magazine]. Organ of Soiuz pisatelei Kirgizii and Ministerstvo kul'tury Kirgizskoi SSR [Association of Writers of Kirghizia and the Ministry of Culture of the Kirghiz S. S. R.]. Frunze, vol. 31, no. 11, Nov. 1962. [In Kirghiz]

AZĚRBAĬČHAN [AZERBAIJAN]. Organ of Soiuz pisatelei Azerbaidzhana [Association of writers of Azerbaijan]. Baku, no. 11, Nov. 1962. [In Azerbaijani]

DAL'NII VOSTOK [FAR EAST]. Organ of Khabarovskoe otdelenie Soiuza pisatelei RSFSR [Khabarovsk Branch of the Association of Writers of the R. S. F. S. R.]. Khabarovsk, vol. 30, no. 6, Nov.-Dec. 1962.

DNESTR [DNIESTER]. Organ of Soiuz pisatelei Moldavskoi SSR [Association of Writers of the Moldavian S. S. R.]. Kishinev, vol. 15, no. 10, 1962.

DON. Organ of Rostovskoe oblastnoe otdelenie Soiuza pisatelei RSFSR [Rostov Province Branch of the Association of Writers of the R. S. F. S. R.]. Rostov-on-Don, vol. 6, no. 11, Nov. 1962.

IUNOST' [YOUTH]. Organ of Soiuz pisatelei SSSR [Association of Writers of the U. S. S. R.]. Moscow, vol. 8, no. 12, Dec. 1962.

KAROGS [THE BANNER]. Issued by Latvijas padomju rakstnieku savienlba [Association of Writers of Latvia]. Riga, no. 12, Dec. 1962. [In Latvian]

LITERATURA I ISKUSSTVO NARODOV SSSR I ZARUBEZHNYKH STRAN, bibliograficheskii biulleten' [LITERATURE AND ART OF THE PEOPLES OF THE U. S. S. R. AND FOREIGN COUNTRIES; Bibliographical Bulletin]. Issued by Vsesoiuznaia knizhnaia palata and Vsesoiuznaia gosudarstvennaia biblioteka inostrannoi literatury [All-Union Book Chamber and the All-Union State Library of Foreign Literature]. Moscow, no. 6, 1962.

LITERATURA V SHKOLE [LITERATURE IN SCHOOLS]. Issued by Ministerstvo prosveshchenila RSFSR [Ministry of Education of the R. S. F. S. R.]. Moscow, vol. 23, no. 6, Nov.-Dec. 1962.

LITERATURNAIA GRUZIIA [LITERARY GEORGIA]. Organ of Soiuz pisatelei Gruzii [Association of Writers of Georgia]. Tiflis, vol. 8, nos. 9-10, Sep.-Oct. 1962.

LITERATURNYI AZERBAIDZHAN [LITERARY AZERBAIJAN]. Organ of Soiuz pisatelei Azerbaidzhana [Association of Writers of Azerbaijan] Baku, vol. 20, no. 12, Dec. 1962

LOOMING [CREATIVE WORK]. Issued by Eesti NSV Kirjanike Liit [Association of Writers of the Estonian S. S. R.]. Tallinn, nos. 11-12, Nov.-Dec. 1962. [In Estonian]

NOVAIA INOSTRANNAIA LITERATURA PO LITERATUROVEDENIIU [NEW FOREIGN LITERATURE ON THE STUDY OF LITERATURE]. Issued by Fundamental'naia biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U. S. S. R.]. Moscow, no. 9, 1962.

NOVAIA SOVETSKAIA LITERATURA PO LITERATUROVEDENIIU [NEW SOVIET LITERATURE ON THE STUDY OF LITERATURE]. Issued by Fundamental'naia biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U. S. S. R.]. Moscow, no. 8, 1962.

OKTIABR' [OCTOBER]. Organ of Soiuz pisatelei RSFSR [Association of Writers of the R. S. F. S. R.]. Moscow, vol. 39, no. 6, June 1962.

PERGALE [THE VICTORY]. Organ of Lietuvos TSR tarybiniu rasytoju sajunga [Association of Soviet Writers of the Lithuanian S. S. R.]. Vilnius, nos. 11-12, Nov.-Dec. 1962. [In Lithuanian]

POLYMIA [FLAME]. Organ of Saiuz pis'mennikau BSSR [Association of Writers of the White Russian S. S. R.]. Minsk, vol. 41, no. 12, Dec. 1962.

PRAPOR; literaturno-khudozhnii ta hromads'ko-politychnyi zhurnal [BANNER; Literary and Sociopolitical Magazine]. Issued by Spilka pys'mennykiv Ukrainy [Association of Writers of the Ukraine]. Kharkov, no. 11, Nov. 1962.

SHARK IULDUZI [STAR OF THE EAST]. Organ of the Association of Soviet Writers of Uzbekistan. Tashkent, vol. 30, no. 11, Nov. 1962. [In Uzbek]

SHARKI SURKH [THE RED EAST]. Organ of the Association of Writers of Tajikistan. Dushanbe, no. 11, Nov. 1962. [In Tajik]

SIBIRSKIE OGNI [SIBERIAN LIGHTS]. Organ of Novosibirskoe otdelenie Soiuza pisatelei RSFSR [Novosibirsk Branch of the Association of Writers of the R. S. F. S. R.]. Novosibirsk, vol. 41, no. 11, Nov. 1962.

SOVET EDEBIIATY [SOVIET LITERATURE]. Organ of Soiuz pisatelei Tatarii [Association of Writers of Tataria]. Kazan, vol. 41, nos. 11-12, Nov.-Dec. 1962. [In Tatar]

SOVETAKAN GRAKANUTIUN [SOVIET LITERATURE]. Organ of the Association of Soviet Writers of Armenia. Erivan, nos. 9-11, 1962. [In Armenian]

SOVREMENNAIA DRAMATURGIIA [CONTEMPORARY DRAMATURGY]. Published by Gosudarstvennoe izdatel'stvo [State Publishing House] "Iskusstvo." Moscow, vol. 6(28), 1962.

SUCHASNIST'; literatura, mystetstvo, suspil'ne zhyttia [OUR TIME; Literature, Art, and Social Problems]. Munich, vol. 2, no. 12(24), Dec. 1962.

UNTRY]. Organ of Spilka pys'menociation of Writers of the Ukraine]. 1962.

IRY [PROBLEMS OF LITERATURE]. atelei SSSR and Institut mirovoi lt nauk SSSR [Association of Writers d the Institute of World Literature Sciences of the U. S. S. R.]. Moscow, 1962.

CENTURY]. Issued by Institut Akademii nauk SSSR [Institute of of the Academy of Sciences of oscow, no. 5, 1962.

NAISSANCE]. Paris, no. 132,

R]. Organ of Spilka pys'mennykiv on of Writers of the Ukraine]. 2, Dec. 1962.

ZHULDYZ [STAR]. Issued by Soiuz sovetskikh pisatelei Kazakhstana [Association of Soviet Writers of Kazakhstan]. Alma-Ata, no. 11, Nov. 1962. [In Kazakh]

ZVEZDA VOSTOKA [STAR OF THE EAST]. Organ of Soiuz pisatelei Uzbekistana [Association of Writers of Uzbekistan]. Tashkent, vol. 30, no. 10, Oct. 1962.

12. GEOGRAPHY & GEOLOGY

a. ETHNOLOGY

AKADEMIIA NAUK SSSR. Institut etnografii. Kratkie soobshcheniia [ACADEMY OF SCIENCES OF THE U. S. S. R. Institute of Ethnography. Brief Reports]. Moscow, no. 37, 1962.

AKADEMIIA NAUK SSSR. Institut etnografii. Trudy [ACADEMY OF SCIENCES OF THE U. S. S. R. Institute of Ethnography. Transactions]. Moscow, vol. 77, 1962.

MATERIALY Z ANTROPOLOGII UKRAINY [MATERIALS ON THE ANTHROPOLOGY OF THE UKRAINE]. Issued by Instytut mystetstvoznavstva, fol'kloru ta etnografii Akademii nauk URSR [Institute of Art, Folkore, and Ethnography of the Academy of Sciences of the Ukrainian S. S. R.]. Kiev, no. 2, 1962.

SOVETSKAIA ETNOGRAFIIA [SOVIET ETHNOGRAPHY] Issued by Institut etnografii Akademii nauk SSSR [Institute of Ethnography of the Academy of Sciences of the U. S. S. R.]. Moscow, no. 5, Sep.-Oct. 1962.

b. GEOGRAPHY

GEOGRAFICHESKOE OBSHCHESTVO SSSR. Voronezhskii otdel. Izvestiia [GEOGRAPHICAL SOCIETY OF THE U. S. S. R. Voronezh Department. Bulletin]. Voronezh, no. 3, 1961.

LENINGRAD. GOSUDARSTVENNYI GIDROLOGICHESKII INSTITUT. Trudy [STATE HYDROLOGICAL INSTITUTE. Transactions] No. 97, 1962.

MOSCOW. GOSUDARSTVENNYI OKEANOGRAFICHESKII INSTITUT. Trudy [STATE OCEANOGRAPHICAL INSTITUTE. Transactions]. Nos. 66, 69, 1962

MOSCOW. UNIVERSITET. Geograficheskii fakul'tet. Informatsionnyi sbornik o rabotakh po Mezhdunarodnomu geofizicheskomu godu [UNIVERSITY. Geographical Faculty. Information Bulletin on the Work for the International Geophysical Year]. No. 7, 1961.

OKEANOLOGIIA [OCEANOLOGY]. Issued by Okeanograficheskaia komissiia Akademii nauk SSSR [Oceanographic Commission of the Academy of Sciences of the U. S. S. R.]. Moscow, vol. 2, no. 5, 1962.

REFERATIVNYI ZHURNAL: GEOGRAFIIA [JOURNAL OF ABSTRACTS: GEOGRAPHY]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U. S. S. R.]. Moscow, no. 11, Nov. 1962.

REFERATIVNYI ZHURNAL. OTDEL'NYI VYPUSK 35: KRAEVEDENIE [JOURNAL OF ABSTRACTS. SEPARATE ISSUE 35: REGIONAL STUDIES]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U. S. S. R.]. Moscow, no. 11, Nov. 1962.

c. GEOLOGY & PALEONTOLOGY

AKADEMIIA NAUK AZERBAIDZHANSKOI SSR, Baku. Institut geologii. Trudy [ACADEMY OF SCIENCES OF THE AZERBAIJAN S. S. R. Institute of Geology. Transactions]. Baku, vol. 22, 1962.

AKADEMIIA NAUK SSSR. Geologicheskii institut. Trudy [ACADEMY OF SCIENCES OF THE U. S. S. R. Geological Institute. Transactions]. Moscow, no. 59, 1962.
Contents: Botvinkina, L. N. [Bedding of sedimentary rocks] Sloistost' osadochnykh porod. 541 p.

No. 71, 1962.
Contents: Starostina, Z. M. [Riphean siderite-bearing formation in the western slope of the Southern Urals] Sideritonosnaia formatsiia rifeia zapadnogo sklona IUzhnogo Urala. 104 p.

AKADEMIIA NAUK SSSR. Geologicheskii muzei. Trudy [ACADEMY OF SCIENCES OF THE U. S. S. R. Geological Museum. Transactions]. Moscow, no. 11, 1962
Contents. Iskiul', N. V., Kuznetsov, S. S. [Outline of the geology of the Lava Valley (Leningrad Province)] Geologicheskii ocherk doliny reki Lavy (Leningradskaia oblast'). 35 p. 13 plates.

AKADEMIIA NAUK SSSR. Institut geologii rudnykh mestorozhdenii petrografii, mineralogii i geokhimii. Trudy [ACADEMY OF SCIENCES OF THE U. S. S. R. Institute of the Geology of Ore Deposits, Petrology, Mineralogy, and Geochemistry. Transactions]. Moscow, no. 71, 1962
Contents Khitarina, L. P. [Trappean magnetism in the Bakhta Basin and lower Podkamennaia Tunguska Valley and magnetite mineralization associated with it] Trappovyi magnetizm basseina r. Bakhty i nizov'ev Podkamennoi Tunguski i sviaz' s nim magnetitovogo orudeneniia. 87 p.

AKADEMIIA NAUK SSSR. Institut mineralogii, geokhimii i kristallokhimii redkikh elementov. Trudy [ACADEMY OF SCIENCES OF THE U. S. S. R. Institute of the Mineralogy, Geochemistry, and Crystallochemistry of Rare Elements. Transactions]. Moscow, no. 11, 1962.
Contents Khvostova, V. A. [Mineralogy of orthite] Mineralogiia ortita. 117 p.

AKADEMIIA NAUK SSSR. Kamchatskaia vulkanologicheskaia stantsiia. Biulleten' Vulkanologicheskoi stantsii [ACADEMY OF SCIENCES OF THE U. S. S. R. Kamchatka Volcanic Station. Bulletin of the Volcanic Station]. Moscow, no. 32, 1962.

AKADEMIIA NAUK SSSR. Komissiia po opredeleniiu absoliutnogo vozrasta geologicheskikh formatsii. Biulleten' [ACADEMY OF SCIENCES OF THE U. S. S. R. Comission on Determination of the Absolute Age of Geological Formations. Bulletin]. Moscow, no. 3, 1962.

AKADEMIIA NAUK SSSR. Laboratoriia gidrogeologicheskikh problem. Trudy [ACADEMY OF SCIENCES OF THE U. S. S. R. Laboratory for Hydrogeological Problems. Transactions]. Moscow, vol. 40, 1962.

AKADEMIIA NAUK SSSR. Sibirskoe otdelenie. Institut geologii i geofiziki. Trudy [ACADEMY OF SCIENCES OF THE U. S. S. R. Siberian Department. Institute of Geology and Geophysics. Transactions]. No. 10, 1961.
Contents: Shokhina, O. I. [Alkali rocks of the Bulan-Kul' massif (Krasnoyarsk Territory)] Shchelochnye porody Bulan-Kul'skogo massiva (Krasnoiarskii krai). 68 p.

AKADEMIIA NAUK SSSR. Sibirskoe otdelenie. Vostochno-Sibirskii geologicheskii institut. Trudy [ACADEMY OF SCIENCES OF THE U. S. S. R. Siberian Department. East Siberian Geological Institute. Transactions]. Irkutsk, no. 12, 1962.
Contents Astrakhantsev, V. I. [Angara and its basin, outline of the hydrology] Angara i ee bassein, gidrologicheskii ocherk. 90 p.

AKADEMIIA NAUK SSSR. Ural'skii filial, Sverdlovsk. Gorno-geologicheskii institut. Trudy [ACADEMY OF SCIENCES OF THE U. S. S. R. Ural Branch. Mining-Geological Institute. Transactions]. Sverdlovsk, no. 50, 1961.
Contents: Malakhova, N. P., Malakhov, A. A. [Moskovian and Gzhelian stages of the Central Urals] Moskovskii i gzhel'skii iarusy Srednego Urala. 84 p.

GEOFIZICHESKOE PRIBOROSTROENIE [DESIGN OF GEOPHYSICAL INSTRUMENTS]. Issued by Otdel nauchno-tekhnicheskoi informatsii Osobogo konstruktorskogo biuro Ministerstva geologii i okhrany nedr SSSR [Department of Scientific and Technical Information of the Special Design Bureau of the Ministry of the Geology and Conservation of Mineral Resources]. Leningrad, no. 9, 1961.

*GEOKHIMIIA [GEOCHEMISTRY]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U. S. S. R.]. Moscow, no. 9, 1962.

GEOLOGIIA MESTOROZHDENII REDKIKH ELEMENTOV [GEOLOGY OF RARE-ELEMENT DEPOSITS]. Issued by Vsesoiuznyi nauchno-issledovatel'skii institut mineral'nogo syr'ia [All-Union Scientific Research Institute of Mineral Resources]. Moscow, no. 15, 1962.
Contents: Shvel, I. V. [Basic geochemical problems of rare earth elements and yttrium in endogenic processes] Osnovnye voprosy geokhimii redkozemel'nykh elementov i ittriia v endogennykh protsessakh. 105 p.

KATALOG KARPATS'KYKH ZEMLETRUSIV [CATALOG OF CARPATHIAN EARTHQUAKES]. Issued by L'vivs'kyi filial Instytutu geofizyky Akademii nauk Ukrains'koi RSR [Lvov Branch of the Institute of Geophysics of the Academy of Sciences of the Ukrainian S. S. R.]. Kiev, no. 5(8), 1959.

LENINGRAD. NAUCHNO-ISSLEDOVATEL'SKII INSTITUT GEOLOGII ARKTIKI. Trudy [SCIENTIFIC RESEARCH INSTITUTE OF ARCTIC GEOLOGY. Transactions]. Vol. 110, 1962.
Contents Voronets, N. S. [Stratigraphy and cephalopods of Jurassic and Lower Cretaceous sediments in the Lena-Anabar region] Stratigrafiia i golovonogie mollIuski iurskikh i nizhnemelovykh otlozhenii Leno-Anabarskogo raiona. 109 p. 61 plates.
Vol. 131, 1962.
Contents Test, B. I., Ostpova, Z. V., Sychev, V. IA. [Mesozoic sediments of the Zhiganskaia region] Mezozoiskie otlozhenilia Zhiganskogo raiona. 117 p

LENINGRAD. VSESOIUZNYI GEOLOGICHESKII INSTITUT. Informatsionnyi sbornik [ALL-UNION GEOLOGICAL INSTITUTE. Information Bulletin]. No. 52, 1962.

LENINGRAD. VSESOIUZNYI GEOLOGICHESKII INSTITUT. Trudy [ALL-UNION GEOLOGICAL INSTITUTE. Transactions]. Moscow, vol. 56, 1961.
Contents Nikiforova, O. I., Andreeva, O. N. [Paleozoic biostratigraphy of the Siberian Platform. Report No. 1. Ordovician and Silurian stratigraphy of the Siberian Platform and its paleontological basis (brachiopods)] Stratigrafiia ordovika i silura Sibirskoi platformy i ee paleontologicheskoe obosnovanie (brakhiopody). 289 p. 54 plates.
Vol. 69, 1962.
Contents IAvorskii, V. I [Studies in the history of geological investigation in the Kuznetsk Basin] Ocherk po istorii geologicheskogo issledovaniia Kuznetskogo basseina. 143 p.

LENINGRAD. VSESOIUZNYI NEFTIANOI NAUCHNO-ISSLEDOVATEL'SKII GEOLOGORAZVEDOCHNYI INSTITUT. Trudy [ALL-UNION PETROLEUM (SCIENTIFIC RESEARCH) GEOLOGICAL PROSPECTING INSTITUTE. Transactions]. No. 189, 1962.
Contents. Il'ina, L. V., Liubomirov, B. N., Tychino, N. IA. [Underground waters and gases of the Siberian Platform] Podzemnye vody i gazy Sibirskoi platformy. 239 p.

No. 191, 1962
Contents. Krotova, V. A [Hydrogeological factors in the formation of oil fields as exemplified by the cis-Ural region] Gidrogeologicheskie faktory formirovaniia neftianykh mestorozhdenii (na primere Predural'ia). 327 p.

MATERIALY PO GEOLOGII I POLEZNYM ISKOPAEMYM SEVERO-VOSTOKA EVROPEISKOI CHASTI SSSR [MATERIALS ON THE GEOLOGY AND MINERAL RESOURCES OF THE NORTHEAST OF THE EUROPEAN PART OF THE U. S. S. R.]. Issued by Ukhtinskoe geologicheskoe upravlenie [Ukhta Geological Administration]. Moscow, no. 2, 1962.

MATERIALY PO GEOLOGII TIAN'-SHIANIA [MATERIALS ON THE GEOLOGY OF TIEN SHAN]. Issued by Akademiia nauk Kirgizskoi SSR [Academy of Sciences of the Kirghiz S. S. R.]. Frunze, no. 2, 1962.

MOSCOW. UNIVERSITET. Vestnik. Seriia 4: Geologiia [UNIVERSITY. Review. Series 4: Geology]. Vol. 17, no. 5, Sep.-Oct. 1962.

REFERATIVNYI ZHURNAL: GEOLOGIIA [JOURNAL OF ABSTRACTS: GEOLOGY]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U. S. S. R.]. Moscow, Predmetnyi ukazatel' za 1961 g. [Subject Index for 1961]

*SOVETSKAIA GEOLOGIIA [SOVIET GEOLOGY]. Organ of Ministerstvo geologii i okhrany nedr SSSR [Ministry of Geology and the Conservation of Mineral Resources of the U. S. S. R.]. Moscow, vol. 5, nos. 6, 9, June, Sep. 1962.

TASHKENT. SREDNEAZIATSKII NAUCHNO-ISSLEDOVATEL'SKII INSTITUT GEOLOGII I MINERAL'NOGO SYR'IA. Uchenye zapiski [CENTRAL ASIATIC SCIENTIFIC RESEARCH INSTITUTE OF GEOLOGY AND MINERAL RESOURCES. Studies]. No. 5, 1961.

VOPROSY GEOLOGII IUZHNOGO TIAN'-SHANIA [PROBLEMS OF THE GEOLOGY OF SOUTHERN TIEN SHAN]. Issued by L'vovskii gosudarstvennyi universitet and Vsesoiuznyi aerogeologicheskii trest Ministerstva geologii i okhrany nedr SSSR [Lvov State University and the All-Union Aerogeological Trust of the Ministry of the Geology and Conservation of Mineral Resources of the U. S. S. R.]. Lvov, vol. 2, 1960.

VOPROSY MIKROPALEONTOLOGII [PROBLEMS OF MICROPALEONTOLOGY]. Issued by Geologicheskii institut Akademii nauk SSSR [Geological Institute of the Academy of Sciences of the U. S. S. R.]. Moscow, no. 6, 1962.

VSESOIUZNOE MINERALOGICHESKOE OBSHCHESTVO. Zapiski [ALL-UNION MINERALOGICAL SOCIETY. Records]. Moscow, vol. 91, no. 5, 1962.

VSESOIUZNYI AEROGEOLOGICHESKII TREST. Trudy [ALL-UNION AEROGEOLOGICAL TRUST. Transactions]. Moscow, no. 8, 1962.

13. SCIENCE

a. GENERAL

AKADEMIIA NAUK ARMIANSKOI SSR, Erivan. Izvestiia. Seriia fiziko-matematicheskikh nauk [ACADEMY OF SCIENCES OF THE ARMENIAN S. S. R. Bulletin. Series in Physical and Mathematical Sciences]. Erivan, vol. 15, no. 5, 1962.

*AKADEMIIA NAUK SSSR. Doklady [ACADEMY OF SCIENCES OF THE U. S. S. R. Reports]. Moscow, vol. 146, no. 4, Oct. 1962; vol. 147, nos. 1-2, Nov. 1962.

EESTI LOODUS [ESTONIAN NATURE]. Issued by Eesti NSV Teaduste akadeemia [Academy of Sciences of the Estonian S. S. R.]. Tallinn, no. 6, Nov. 1962. [In Estonian]

FAN VA TURMUSH [SCIENCE AND LIFE]. Issued by Akademiia nauk Uzbekskoi SSR [Academy of Sciences of the Uzbek S. S. R.]. Tashkent, vol. 6, no. 11(69), Nov. 1962. [In Uzbek]

MOKSLAS IR GYVENIMAS [SCIENCE AND LIFE]. Issued by Lietuvos TSR Politiniu ir moksliniu ziniu skleidimo draugija [Society for Dissemination of Political and Scientific Knowledge of the Lithuanian S. S. R.]. Vilnius, nos. 11(62)-12(63), Nov.-Dec. 1962. [In Lithuanian]

NAUKA I ZHIZN' [SCIENCE AND LIFE]. Issued by Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii [All-Union Society for Dissemination of Political and Scientific Knowledge]. Moscow, vol. 29, no. 5, May 1962.

NOVYE KNIGI ZA RUBEZHOM. Seriia A: Matematika, mekhanika, astronomiia, fizika, geofizika, khimiia, geologiia [NEW FOREIGN BOOKS. Series A: Mathematics, Mechanics, Astronomy, Physics, Geophysics, Chemistry, Geology]. Published by Izdatel'stvo inostrannoi literatury [Publishing House of Foreign Literature]. Moscow, vol. 15, nos. 11-12, Nov.-Dec. 1962.

PRIRODA [NATURE]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U. S. S. R.]. Moscow, vol. 51, no. 11, Nov. 1962.

ZNANNIA TA PRATSIA [KNOWLEDGE AND WORK]. Issued by TSentral'nyi komitet Lenins'koho komunistychnoho soiuza molodi Ukrainy [Central Committee of the Ukrainian Communist Youth League of Lenin]. Kiev, no. 9(271), Sep. 1962.

b. ASTRONOMY

AKADEMIIA NAUK SSSR. Institut teoreticheskoi astronomii. Rezul'taty nabliudenii sovetskikh iskusstvennykh sputnikov Zemli [ACADEMY OF SCIENCES OF THE U. S. S. R. Institute of Theoretical Astronomy. Results of Observations of Soviet Artificial Earth Satellites]. Moscow, no. 51, 1962.

AKADEMIIA NAUK URSR, Kiev. Holovna astronomichna observatoriia. Izvestiia [ACADEMY OF SCIENCES OF THE UKRAINIAN S. S. R. Main Astronomical Observatory. Bulletin]. Kiev, vol. 4, no. 2, 1962.

*ASTRONOMICHESKII ZHURNAL [ASTRONOMICAL JOURNAL]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U. S. S. R.]. Moscow, vol. 39, no. 6, Nov.-Dec. 1962.

MOSCOW. TSENTRAL'NYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT GEODEZII, AEROS'EMKI I KARTOGRAFII. Trudy [CENTRAL SCIENTIFIC RESEARCH INSTITUTE OF GEODESY, AERIAL PHOTOGRAPHY, AND CARTOGRAPHY. Transactions]. Nos. 145-146, 1962.

POLTAVA. GRAVIMETRYCHNA OBSERVATORIIA. Trudy [OBSERVATORY FOR GRAVITY MEASUREMENT. Transactions]. Kiev, vol. 11, 1962.

VSESOIUZNOE ASTRONOMO-GEODEZICHESKOE OBSHCHESTVO. Biulleten' [ALL-UNION ASTRONOMICAL-GEODETIC SOCIETY. Bulletin]. Moscow, no. 32(39), 1962.

c. BIOLOGY

AKADEMIIA NAUK ARMIANSKOI SSR, Erivan. Izvestiia. Biologicheskie nauki [ACADEMY OF SCIENCES OF THE ARMENIAN S. S. R. Bulletin. Biological Sciences]. Erivan, vol. 15, no. 9, Sep. 1962.

AKADEMIIA NAUK AZERBAIDZHANSKOI SSR, Baku. Institut zoologii. Trudy [ACADEMY OF SCIENCES OF THE AZERBAIJAN S. S. R. Institute of Zoology. Transactions] Baku, vol. 22, 1962.

AKADEMIIA NAUK KIRGIZSKOI SSR, Frunze. Izvestiia. Seriia biologicheskikh nauk [ACADEMY OF SCIENCES OF THE KIRGHIZ S. S. R. Bulletin. Series in Biological Sciences]. Frunze, vol. 4, no. 3, 1962.

AKADEMIIA NAUK SSSR. Botanicheskii institut. Flora SSSR [ACADEMY OF SCIENCES OF THE U. S. S. R. Botanical Institute. Flora of the U. S. S. R.]. Moscow. Vol. 27. 1962. 757 p.

AKADEMIIA NAUK SSSR. Murmanskii morskoi biologicheskii institut. Trudy [ACADEMY OF SCIENCES OF THE U. S. S. R. Murmansk Marine Biology Institute. Transactions]. Moscow, no. 4(8), 1962.

AKADEMIIA NAUK TADZHIKSKOI SSR, Dushanbe. Institut zoologii i parazitologii. Trudy [ACADEMY OF SCIENCES OF THE TAJIK S. S. R. Institute of Zoology and Parasitology. Transactions]. Dushanbe, vol. 21, 1961.
Contents. Abdusaliamov, I. A. [Birds in the valley of Lake Rang-Kul' in the Pamirs] Ptitsy doliny ozera Rang-Kul' na Pamire. 150 p.

Vol. 23, 1961.
Contents Makaunov, V. A. [Materials on morphological and biological characteristics of fishes in Farkhad Reservoir] Materialy k morfologo-biologicheskoi kharakteristike ryb Farkhadskogo vodokhranilishcha. 157 p.

AKADEMIIA NAUK TURKMENSKOI SSR, Ashkhabad. Izvestiia. Seriia biologicheskikh nauk [ACADEMY OF SCIENCES OF THE TURKMEN S. S. R. Bulletin. Series in the Biological Sciences]. Ashkhabad, no. 5, 1962.

*BIOFIZIKA [BIOPHYSICS]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U. S. S. R.]. Moscow, vol. 7, no. 4, 1962.

*BIOKHIMIIA [BIOCHEMISTRY]. Published by Akademiia nauk SSSR [Academy of Sciences of the U. S. S. R.]. Moscow, vol. 27, no. 4, July-Aug. 1962.

*ENTOMOLOGICHESKOE OBOZRENIE [ENTOMOLOGICAL REVIEW]. Issued by Vsesoiuznoe entomologicheskoe obshchestvo [All-Union Entomological Society]. Leningrad, vol. 41, no. 2, 1962.

*FIZIOLOGIIA RASTENII [PHYSIOLOGY OF PLANTS]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U. S. S. R.]. Moscow, vol. 9, no. 3, 1962.

IL'MENSKII GOSUDARSTVENNYI ZAPOVEDNIK. Trudy [IL'MEN' STATE PRESERVE. Transactions]. No 8, 1961.

IUNYI NATURALIST [YOUNG NATURALIST]. Issued by TSentral'nyi komitet Vsesoiuznogo Leninskogo kommunisticheskogo soiuza molodezhi and TSentral'nyi sovet Vsesoiuznoi pionerskoi organizatsii imeni V. I. Lenina [Central Committee of the All-Union Communist Youth League of Lenin and Central Council of the All-Union Lenin Pioneers]. Moscow, no. 10, Oct. 1962.

MOSCOW. UNIVERSITET. Vestnik. Seriia 6: Biologiia, pochvovedenie [UNIVERSITY. Review. Series 6: Biology, Soil Science]. Vol. 17, no. 5, Sep.-Oct. 1962.

MOSKOVSKOE OBSHCHESTVO ISPYTATELEI PRIRODY. Biulleten'. Otdel biologicheskii [MOSCOW NATURALISTS' SOCIETY. Bulletin. Biological Section]. Moscow, vol. 67, no. 3, May-June, 1962.

MOSKOVSKOE OBSHCHESTVO ISPYTATELEI PRIRODY. Trudy. Otdel biologicheskii [MOSCOW NATURALISTS' SOCIETY. Transactions. Biological Section]. Moscow, vol. 4, 1961.

OPREDELITELI PO FAUNE SSSR [GUIDES TO THE FAUNA OF THE U.S.S.R.]. Published by Zoologicheskii institut Akademii nauk SSSR [Institute of Zoology of the Academy of Sciences of the U.S.S.R.] Moscow, no. 78, 1962
Contents Chekanovskaia, O.V. [Aquatic oligochaete worms of the fauna of the U.S.S.R.] Vodnye maloshchetinkovye chervi fauny SSSR 411 p.

REFERATIVNYI ZHURNAL BIOLOGIIA [JOURNAL OF ABSTRACTS BIOLOGY]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 23, Dec. 1962.

REFERATIVNYI ZHURNAL KHIMIIA, BIOLOGICHESKAIA KHIMIIA [JOURNAL OF ABSTRACTS CHEMISTRY, BIOLOGICAL CHEMISTRY]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.] Moscow, nos. 22-23, Nov 1962.

*USPEKHI SOVREMENNOI BIOLOGII [PROGRESS IN CONTEMPORARY BIOLOGY]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 54, no. 1(4), July-Aug 1962.

VOPROSY EKOLOGII [PROBLEMS OF ECOLOGY]. Issued by Kievskii gosudarstvennyi universitet [Kiev State University] Kiev, vol. 5, 1962.

VOPROSY ICHTIOLOGII [PROBLEMS IN ICHTHYOLOGY]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.] Moscow, vol. 2, no. 2, 1962.

*VOPROSY VIRUSOLOGII [PROBLEMS OF VIROLOGY]. Issued by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U.S.S.R.]. Moscow, vol. 7, no 5, Sep-Oct. 1962

ZOOLOGICHESKII ZHURNAL [ZOOLOGICAL JOURNAL]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol 41, nos. 7, 9, July, Sep 1962

d CHEMISTRY

AKADEMIIA NAUK ARMIANSKOI SSR, Erivan. Izvestiia. Khimicheskie nauki [ACADEMY OF SCIENCES OF THE ARMENIAN S.S.R. Bulletin. Chemical Sciences]. Erivan, vol. 15, no. 4, 1962.

EKSTRAKTSIIA; teoriia, primenenie, apparatura [EXTRACTION; Theory, Use, Apparatus]. Moscow, no. 1, 1962.

*KINETIKA I KATALIZ [KINETICS AND CATALYSIS]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 3, no. 2, Mar.-Apr. 1962.

MOSCOW. FIZIKO-KHIMICHESKII INSTITUT. Problemy fizicheskoi khimii [PHYSICAL CHEMISTRY INSTITUTE. Problems of Physical Chemistry]. No. 1, 1958.
[MICROFILM]

RADIOKHIMIIA [RADIOCHEMISTRY]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.] Moscow, vol. 4, no. 4, 1962.

REFERATIVNYI ZHURNAL: KHIMIIA [JOURNAL OF ABSTRACTS CHEMISTRY]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 22, Nov. 1962.

UKRAINSKII KHIMICHESKII ZHURNAL [UKRAINIAN CHEMICAL JOURNAL]. Issued by Akademiia nauk URSR [Academy of Sciences of the Ukrainian S.S.R.]. Kiev, vol. 28, no. 8, 1962.

*USPEKHI KHIMII [PROGRESS IN CHEMISTRY]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 31, no. 10, Oct. 1962.

*VYSOKOMOLEKULIARNYE SOEDINENIIA [MACROMOLECULAR COMPOUNDS]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 4, no. 9, Sep. 1962.

*ZHURNAL OBSHCHEI KHIMII [JOURNAL OF GENERAL CHEMISTRY]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 32, nos. 10-11, Oct.-Nov. 1962.

e MATHEMATICS

AKADEMIIA NAUK SSSR. Matematicheskii institut. Trudy [ACADEMY OF SCIENCES OF THE U.S.S.R. Mathematical Institute Transactions]. Moscow, vol. 60, 1962

CHEKHOSLOVATSKII MATEMATICHESKII ZHURNAL [CZECHOSLOVAK MATHEMATICAL JOURNAL]. Issued by Matematicheskii institut Chekhoslovatskoi akademii nauk [Institute of Mathematics of the Czechoslovak Academy of Sciences]. Prague, vol. 12(87), no. 4, 1962.

MATEMATICHESKII SBORNIK [MATHEMATICAL REVIEW]. Issues by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 58, no. 3, Nov. 1962.

MATEMATIKA, periodicheskii sbornik perevodov inostrannykh statei [MATHEMATICS, Translations of Foreign Articles]. Published by Izd-vo inostrannoi lit-ry [Publishing House of Foreign Literature]. Moscow, vol. 6, no. 6, Nov.-Dec. 1962.

MATEMATIKA V SHKOLE [MATHEMATICS IN SCHOOLS]. Issued by Ministerstvo prosveshchenila RSFSR [Ministry of Education of the R.S.F.S.R.]. Moscow, no. 4, July-Aug. 1962.

REFERATIVNYI ZHURNAL: MATEMATIKA [JOURNAL OF ABSTRACTS: MATHEMATICS]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, nos. 9-11, Sep.-Nov. 1962.

SIBIRSKII MATEMATICHESKII ZHURNAL [SIBERIAN MATHEMATICAL JOURNAL]. Issued by Sibirskoe otdelenie Akademii nauk SSSR [Siberian Branch of the Academy of Sciences of the U.S.S.R.]. Moscow, vol. 3, no. 6, Nov.-Dec. 1962.

*TEORIIA VEROIATNOSTEI I EE PRIMENENIIA [THEORY OF PROBABILITY AND ITS APPLICATIONS]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 7, no. 4, 1962.

UKRAINSKII MATEMATICHESKII ZHURNAL [UKRAINIAN MATHEMATICAL JOURNAL]. Organ of Instytut matematiki Akademii nauk URSR [Institute of Mathematics of the Academy of Sciences of the Ukrainian S.S.R.]. Kiev, vol. 14, no. 2, 1962.

*ZHURNAL VYCHISLITEL'NOI MATEMATIKI I MATEMATICHESKOI FIZIKI [JOURNAL OF COMPUTER MATHEMATICS AND MATHEMATICAL PHYSICS]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 2, no. 6, Nov.-Dec. 1962.

f. PHYSICS

AKADEMIIA NAUK SSSR. Institut fiziki Zemli. Trudy [ACADEMY OF SCIENCES OF THE U.S.S.R. Institute of Physics of the Earth. Transactions]. Moscow, no. 25(192), 1962. Fizika zemletriasenii i seismika vzryvov [Physics of Earthquakes and the Seismology of Explosions].

*AKADEMIIA NAUK SSSR. Izvestiia. Seriia fizicheskaia [ACADEMY OF SCIENCES OF THE U.S.S.R. Bulletin. Physical Series]. Moscow, vol. 26, no. 8, Aug. 1962.

*AKADEMIIA NAUK SSSR. Izvestiia. Seriia geofizicheskaia [ACADEMY OF SCIENCES OF THE U.S.S.R. Bulletin. Geophysical Series]. Moscow, no. 11, Nov. 1962.

AKADEMIIA NAUK TURKMENSKOI SSR, Ashkhabad. Fiziko-tekhnicheskii institut Trudy [ACADEMY OF SCIENCES OF THE TURKMEN S.S.R. Institute of Physics and Technology. Transactions]. Ashkhabad, vol. 8, 1962.

AKADEMIIA NAUK UZBEKSKOI SSR, Tashkent. Izvestiia. Seriia fiziko-matematicheskikh nauk [ACADEMY OF SCIENCES OF THE UZBEK S.S.R. Bulletin. Series in the Physical and Mathematical Sciences]. Tashkent, vol. 6, no. 5, 1962.

*AKUSTICHESKII ZHURNAL [JOURNAL OF ACOUSTICS]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 8, no. 3, 1962.

EESTI NSV TEADUSTE AKADEEMIA. Füüsika ja astronoomia instituut. Uurimused. Trudy Instituta fiziki i astronomii Akademii nauk Estonskoi SSR [ACADEMY OF SCIENCES OF THE ESTONIAN S.S.R. Institute of Physics and Astronomy. Transactions]. Tartu, no. 19, 1962.

*FIZIKA TVERDOGO TELA [SOLID STATE PHYSICS]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 4, no. 6, Aug. 1962.

FIZIKA V SHKOLE [PHYSICS IN SCHOOLS]. Organ of Ministerstvo prosveshchenila RSFSR [Ministry of Education of the R.S.F.S.R.]. Moscow, vol. 22, no. 2, Mar.-Apr. 1962.

GEOMAGNETIZM I AERONOMIIA [GEOMAGNETISM AND AERONOMY]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 2, nos. 1, 3, Jan.-Feb., May-June 1962.

*ISKUSSTVENNYE SPUTNIKI ZEMLI [ARTIFICIAL EARTH SATELLITES]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, no. 14, 1962.

*KRISTALLOGRAFIIA [CRYSTALLOGRAPHY]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 7, no. 1, July-Aug. 1962

MOSCOW. NAUCHNO-ISSLEDOVATEL'SKII INSTITUT AEROKLIMATOLOGII. Trudy [SCIENTIFIC RESEARCH INSTITUTE OF AEROCLIMATOLOGY. Transactions]. Moscow, no. 16, 1962.

*OPTIKA I SPEKTROSKOPIIA [OPTICS AND SPECTROSCOPY]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 13, no. 2, Aug. 1962.

REFERATIVNYI ZHURNAL: GEOFIZIKA [JOURNAL OF ABSTRACTS: GEOPHYSICS]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, Avtorskii ukazatel' za 1961 g. [Author Index for 1961].

*REFERATIVNYI ZHURNAL: MEKHANIKA [JOURNAL OF ABSTRACTS MECHANICS]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, nos. 9-12, Sep.-Dec. 1962.

UKRAINS'KYI FIZYCHNYI ZHURNAL [UKRAINIAN PHYSICAL JOURNAL]. Issued by Viddil fizyko-matematychnykh nauk Akademii nauk URSR [Department of Physical and Mathematical Sciences of the Academy of Sciences of the Ukrainian S.S.R.]. Kiev, vol. 7, no. 1, Jan. 1962

*ZHURNAL EKSPERIMENTAL'NOI I TEORETICHESKOI FIZIKI [JOURNAL OF EXPERIMENTAL AND THEORETICAL PHYSICS]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 42, no. 4, Apr. 1962, vol. 43, no. 4(10), Oct. 1962

14. MEDICINE

a. GENERAL

*BIULLETEN' EKSPERIMENTAL'NOI BIOLOGII I MEDITSINY [BULLETIN OF EXPERIMENTAL BIOLOGY AND MEDICINE]. Issued by Akademiia meditsinskikh nauk SSSR [Academy of Medical Sciences of the U.S.S.R.]. Vol. 54, no. 7, July 1962.

ERIVAN. MEDITSINSKII INSTITUT. Trudy [MEDICAL INSTITUTE. Transactions]. No. 11, 1960.
(DNLM)

*MEDITSINSKAIA RADIOLOGIIA [MEDICAL RADIOLOGY]. Issued by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U.S.S.R.]. Moscow, vol. 7, no. 7, July 1962.
(DNLM)

*MEDITSINSKII REFERATIVNYI ZHURNAL [MEDICAL ABSTRACTS]. Issued by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U.S.S.R.]. Moscow, Razdel [Section] 3, vol. 6, no. 11, Nov. 1962. Razdel [Section] 4, vol. 6, no. 11, Nov. 1962. Razdel [Section] 7, vol. 6, no. 11, Nov. 1962. Razdel [Section] 9, vol. 6, no. 11, Nov. 1962.

MOSCOW. PERVYI MOSKOVSKII MEDITSINSKII INSTITUT. Trudy [FIRST MOSCOW MEDICAL INSTITUTE. Transactions]. Vol. 7, 1959.

NOUKOGUDE EESTI TERVISHOID [HEALTH SERVICE OF SOVIET ESTONIA]. Organ of Eesti NSV Tervishoiu Ministeerium [Ministry of Health of the Estonian S.S.R.]. Tallinn, vol. 5, no. 2, March-Apr. 1962. [In Estonian]

PEZIRIA SENETETSII [HEALTH SERVICE]. Organ of the Ministry of Health of the Moldavian S.S.R. Kishinev, vol. 5, no. 5, Sep.-Oct. 1962. [In Moldavian]

PROBLEMY ENDOKRINOLOGII I GORMONOTERAPII [PROBLEMS OF ENDOCRINOLOGY AND HORMONE THERAPY]. Issued by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U.S.S.R.]. Moscow, vol. 8, no 4, July-Aug. 1962.
(DNLM)

REFERATIVNYI ZHURNAL, OTDEL'NYI VYPUSK 36 MEDITSINSKAIA GEOGRAFIIA [JOURNAL OF ABSTRACTS. SEPARATE ISSUE 36 MEDICAL GEOGRAPHY]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 12, Dec. 1962.

SOFIA. TSENTUR NAUCHNO-TEKHNICHESKA INFORMATSIIA I DOKUMENTATSIIA. Referativnyi biulleten' bolgarskoi nauchnoi literatury. Biologiia i meditsina [CENTER OF SCIENTIFIC AND TECHNICAL INFORMATION AND DOCUMENTATION. Bulletin of Abstracts of Bulgarian Scientific Literature. Biology and Medicine]. Vol. 5, nos. 1, 3, 1962.

SOVETSKAIA MEDITSINA [SOVIET MEDICINE]. Organ of Ministerstvo zdravookhraneniia RSFSR [Ministry of Health of the R.S.F.S.R.]. Moscow, vol. 26, nos. 6-7, 10, June-July, Oct. 1962.

SOVETSKOE ZDRAVOOKHRANENIE [SOVIET HEALTH SERVICE]. Issued by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U.S.S.R.]. Moscow, vol. 21, no. 8, 1962.

SUDEBNO-MEDITSINSKAIA EKSPERTIZA [FORENSIC MEDICINE EXPERTISE]. Issued by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U.S.S.R.]. Moscow, vol. 5, no. 4, Oct.-Dec. 1962.

SVEIKATOS APSAUGA [HEALTH SERVICE]. Issued by LTSR Sveikatos apsaugos ministerija [Ministry of Health of the Lithuanian S.S.R.]. Vilnius, vol. 7, no. 11(83), Nov. 1962. [In Lithuanian]
(DNLM)

TASHKENT. NAUCHNO-ISSLEDOVATEL'SKII INSTITUT VAKTSIN I SYVOROTOK. Trudy [SCIENTIFIC RESEARCH INSTITUTE OF VACCINES AND SERA. Transactions]. Vol. 6(20), 1961.
(DNLM)

UROLOGIIA [UROLOGY]. Issued by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U.S.S.R.]. Moscow, Vol. 27, nos. 1, 4, Jan.-Aug. 1962.
(DNLM)

VESELIBA [HEALTH]. Issued by Latvijas PSR Veselibas aizsardzibas ministrija [Ministry of Health of the Latvian S.S.R.]. Riga, nos. 1(32), 3(34), Jan., March 1961, nos. 11(54)-12(55), Nov.-Dec. 1962. [In Latvian]

*VOPROSY ONKOLOGII [PROBLEMS OF ONCOLOGY]. Issued by Ministerstvo zdarvookhraneniia SSSR [Ministry of Health of the U.S.S.R.]. Moscow, vol. 8, no. 6, 1962.
(DNLM)

VRACHEBNOE DELO [MEDICAL PRACTICE]. Organ of Ministerstvo zdravookhraneniia USSR [Ministry of Health of the Ukrainian S.S.R.]. Kiev, no. 8, July [i.e. Aug.], 1962.

ZDRAVOOKHRANENIE BELORUSSII [HEALTH SERVICE OF WHITE RUSSIA]. Organ of Ministerstvo zdravookhraneniia BSSR [Ministry of Health of the White Russian S.S.R.]. Minsk, vol. 7, no. 11, Nov. 1961; vol. 8, nos. 2, 7, Feb., July 1962.

ZDRAVOOKHRANENIE KAZAKHSTANA [HEALTH SERVICE OF KAZAKHSTAN]. Issued by Ministerstvo zdravookhraneniia Kazakhskoi SSR [Ministry of Health of the Kazakh S.S.R.]. Alma-Ata, vol. 22, no. 6, 1962.
(DNLM)

ZDRAVOOKHRANENIE TADZHIKISTANA [HEALTH SERVICE OF TAJIKISTAN]. Issued by Ministerstvo zdravookhraneniia Tadzhikskoi SSR [Ministry of Health of the Tajik S.S.R.]. Stalinabad, vol. 9, no. 4(48), July-Aug. 1962.

ZDRAVOOKHRANENIE TURKMENISTANA [HEALTH SERVICE OF TURKMENISTAN]. Organ of Ministerstvo zdravookhraneniia TSSR [Ministry of Health of the Turkmen S.S.R.]. Ashkhabad, vol. 6, no. 2, Mar.-Apr. 1962.

*ZHURNAL MIKROBIOLOGII, EPIDEMIOLOGII I IMMUNOBIOLOGII [JOURNAL OF MICROBIOLOGY, EPIDEMIOLOGY, AND IMMUNOBIOLOGY]. Issued by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U.S.S.R.]. Moscow, vol. 32, no. 12, Dec. 1961.

b GYNECOLOGY, OBSTETRICS & PEDIATRICS

AKUSHERSTVO I GINEKOLOGIIA [OBSTETRICS AND GYNECOLOGY] Published by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U.S.S.R.]. Moscow, no. 1, 1962.
(DNLM)

VOPROSY OKHRANY MATERINSTVA I DETSTVA [PROBLEMS OF MOTHER AND CHILD CARE]. Issued by Ministerstvo zdarvookhraneniia RSFSR [Ministry of Health of the R.S.F.S.R.]. Moscow, vol. 7, nos. 4, 7, Apr., July 1962.

c NEUROLOGY & PSYCHIATRY

*ZHURNAL NEVROPATOLOGII I PSIKHIATRII [JOURNAL OF NEUROPATHOLOGY AND PSYCHIATRY]. Issued by Vsesoiuznoe obshchestvo nevropatologov i psikhiatrov [All-Union Society of Neuropathologists and Psychiatrists]. Moscow, vol. 61, no. 10, 1961, vol. 62, no. 6, 1962.

d. OPHTHALMOLOGY & OTORHINOLARYNGOLOGY

TURKMENSKII NAUCHNO-ISSLEDOVATEL'SKII TRAKHOMATOZNYI INSTITUT. Trudy [TURKMEN SCIENTIFIC RESEARCH TRACHOMA INSTITUTE. Transactions]. Ashkhabad, vol. 6, 1960.
(DNLM)

VESTNIK OFTALMOLOGII [REVIEW OF OPHTHALMOLOGY]. Published by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U.S.S.R.]. Moscow, nos. 1, 4, 1962.
(DNLM)

ZHURNAL USHNYKH, NOSOVYKH I GORLOVYKH BOLEZNEI [JOURNAL OF EAR, NOSE, AND THROAT DISEASES]. Issued by Ministerstvo zdravookhraneniia USSR [Ministry of Health of the Ukrainian S.S.R.]. Kiev, vol. 21, no. 6, Nov.-Dec. 1961, vol. 22, no. 2, Mar.-Apr. 1962.

e PATHOLOGY & THERAPEUTICS

AKADEMIIA NAUK KAZAKHSKOI SSR, Alma-Ata. Institut kraevoi patologii. Trudy [ACADEMY OF SCIENCES OF THE KAZAKH S.S.R. Institute of Geographical Pathology. Transactions]. Alma-Ata, vol. 12(19), 1962.

*PROBLEMY GEMATOLOGII I PERELIVANIIA KROVI [PROBLEMS OF HEMATOLOGY AND BLOOD TRANSFUSION]. Issued by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U.S.S.R.]. Moscow, no. 11, 1962.
(DNLM)

VOPROSY KURORTOLOGII, FIZIOTERAPII I LECHEBNOI FIZICHESKOI KUL'TURY [PROBLEMS OF RESORT THERAPY, PHYSICAL THERAPY, AND EXERCISE THERAPY]. Moscow, vol. 27, no. 2, Mar.-Apr. 1962.
(DNLM)

f. PHARMACY & MATERIA MEDICA

*FARMAKOLOGIIA I TOKSIKOLOGIIA [PHARMACOLOGY AND TOXICOLOGY]. Issued by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U.S.S.R.] Moscow, vol. 24, no. 6, Nov.-Dec. 1961.

LENINGRAD. KHIMIKO-FARMATSEVTICHESKII INSTITUT. Trudy [PHARMACEUTICAL CHEMISTRY INSTITUTE. Transactions]. No. 15, 1962.

VOPROSY MEDITSINSKOI KHIMII [PROBLEMS OF MEDICAL CHEMISTRY]. Issued by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U.S.S.R.]. Moscow, vol. 8, no. 1, Jan.-Feb. 1962.

g. PUBLIC HEALTH & NURSING

LENINGRAD, SANITARNO-GIGIENICHESKII MEDITSINSKII INSTITUT. Trudy [MEDICAL INSTITUTE OF SANITATION AND HYGIENE. Transactions]. Nos. 68-69, 1961.

h SURGERY & DENTISTRY

KHIRURGIIA [SURGERY]. Published by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U.S.S.R.]. Moscow, no. 12, 1961; no. 1, 1962.
(DNLM)

KLINICHESKAIA KHIRURGIIA [CLINICAL SURGERY]. Kiev, no. 8(248), July, 1962.
(DNLM)

ORTOPEDIIA, TRAVMATOLOGIIA I PROTEZIROVANIE [ORTHOPEDICS, TRAUMATOLOGY, AND PROSTHESIS]. Issued by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U.S.S.R.]. Moscow, vol. 23, no. 5, May 1962.
(DNLM)

VESTNIK KHIRURGII [REVIEW OF SURGERY]. Issued by Khirurgicheskoe obshchestvo Pirogova [Pirogov Surgical Society]. Leningrad, vol. 87, no. 11, Nov. 1961; nos. 5-6, 1962.
(DNLM)

15. AGRICULTURE

a GENERAL

AGROBIOLOGIIA [AGROBIOLOGY]. Issued by Vsesoiuznaia akademiia sel'skokhoziaistvennykh nauk imeni V.I. Lenina [All-Union Lenin Academy of Agricultural Sciences]. Moscow, no. 5(137), Sep.-Oct. 1962.

ARMENIAN S.S.R. Upravlenie sel'skokhoziaistvennoi nauki. Izvestiia [Administration of Agricultural Science. Bulletin]. Erivan, vol. 4, no. 10, 1961.

DRUVA [FIELD]. Issued by Latvijas PSR Lauksaimniecibas ministrija [Ministry of Agriculture of the Latvian S.S.R.] and others. Riga, nos. 19(174), 24(179), Oct., Dec. 1962. [In Latvian]

GIDROTEKHNIKA I MELIORATSIIA [HYDRAULIC ENGINEERING AND RECLAMATION]. Issued by Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U.S.S.R.]. Moscow, vol. 14, no. 10, Oct. 1962.

KHOČHAGII ḲISHLOḲI TOČHIKISTON [AGRICULTURE OF TAJIKISTAN]. Organ of the Ministry of Agriculture of the Tajik S.S.R. Dushanbe, vol. 16, no. 11, Nov. 1962. [In Tajik]

KOLHOSPNYK UKRAINY [COLLECTIVE FARMER OF THE UKRAINE]. Issued by Ministerstvo sil's'koho hospodarstva URSR [Ministry of Agriculture of the Ukrainian S.S.R.]. Kiev, no. 12(100), 1962.

KOLKHOZNOE PROIZVODSTVO [COLLECTIVE FARM PRODUCTION]. Organ of Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U.S.S.R.]. Moscow, vol. 22, no. 11, Nov. 1962.

KREST'IANKA [THE PEASANT WOMAN]. Published by Izd-vo [Publishing House] "Pravda," Moscow, vol. 41, no. 12, Dec. 1962.

MATERIALY PO ISTORII SEL'SKOGO KHOZIAISTVA I KREST'IANSTVA SSSR [MATERIALS ON THE HISTORY OF AGRICULTURE AND THE PEASANTRY IN THE U.S.S.R.]. Issued by Institut istorii Akademii nauk SSSR [Institute of History of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 5, 1962.

*POCHVOVEDENIE [SOIL SCIENCE]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, no. 10, Oct. 1962.

SEL'SKAIA HASPADARKA BELARUSI [AGRICULTURE OF WHITE RUSSIA]. Issued by Ministerstvo sel'skai haspadarki Belaruskai SSR [Ministry of Agriculture of the White Russian S.S.R.]. Minsk, vol. 10, no. 11 (119), Nov. 1962.

SEL'SKII MEKHANIZATOR [THE RURAL MECHANIC]. Issued by Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U.S.S.R.]. Moscow, nos. 4, 11, 1962.

SEL'SKOE KHOZIAISTVO BELORUSSII [AGRICULTURE OF WHITE RUSSIA]. Issued by Ministerstvo proizvodstva i zagotovok sel'skokhoziaistvennykh produktov Belorusskoi SSR [Ministry of the Production and Procurement of Agricultural Products of the White Russian S.S.R.]. Minsk, vol. 10, no. 11(119), Nov. 1962.

SEL'SKOE KHOZIAISTVO KAZAKHSTANA [AGRICULTURE OF KAZAKHSTAN]. Issued by TSentral'nyi Komitet Kommunisticheskoi partii Kazakhstana [Central Committee of the Communist Party of Kazakhstan]. Alma-Ata, vol. 11, no. 12, Dec. 1962.

SEL'SKOE KHOZIAISTVO KIRGIZII [AGRICULTURE OF KIRGHIZIA]. Issued by Ministerstvo sel'skogo khoziaistva Kirgizskoi SSR [Ministry of Agriculture of the Kirghiz S.S.R.]. Frunze, vol. 8, no. 11, Nov. 1962.

SEL'SKOE KHOZIAISTVO PODMOSKOV'IA [AGRICULTURE OF THE MOSCOW REGION] Organ of Oblastnoe upravlenie sel'skogo khoziaistva [Province Administration of Agriculture]. Moscow, vol. 11, nos. 11-12, Nov.-Dec. 1962.

SEL'SKOE KHOZIAISTVO SEVERNOGO KAVKAZA [AGRICULTURE OF THE NORTHERN CAUCASUS]. Organ of Ministerstvo sel'skogo khoziaistva RSFSR [Ministry of Agriculture of the R.S.F.S.R.]. Krasnodar, vol. 5, no. 12, Dec. 1962.

SEL'SKOE KHOZIAISTVO SEVERO-ZAPADNOI ZONY [AGRICULTURE OF THE NORTHWESTERN ZONE]. Issued by Ministerstvo sel'skogo khoziaistva RSFSR [Ministry of Agriculture of the R.S.F.S.R.]. Leningrad, vol. 5, no. 11, Nov. 1962.

SEL'SKOE KHOZIAISTVO SIBIRI [AGRICULTURE OF SIBERIA]. Organ of Ministerstvo sel'skogo khoziaistva RSFSR [Ministry of Agriculture of the R.S.F.S.R.] Omsk, vol. 7, no. 12, Dec. 1962.

SEL'SKOE KHOZIAISTVO TADZHIKISTANA [AGRICULTURE OF TAJIKISTAN] Organ of Ministerstvo sel'skogo khoziaistva Tadzhikskoi SSR [Ministry of Agriculture of the Tajik S.S.R.]. Dushanbe, vol. 16, no. 12, Dec. 1962.

SEL'SKOE KHOZIAISTVO UZBEKISTANA [AGRICULTURE OF UZBEKISTAN]. Issued by Ministerstvo sel'skogo khoziaistva Uzbekskoi SSR [Ministry of Agriculture of the Uzbek S.S.R.]. Tashkent, vol. 23, nos. 11-12, Nov.-Dec. 1962.

SEL'SKOKHOZIAISTVENNAIA LITERATURA CHEKHOSLOVAKII [AGRICULTURAL LITERATURE OF CZECHOSLOVAKIA]. Issued by Chekhoslovatskaia akademiia sel'skokhoziaistvennykh nauk and Institut nauchno-tekhnicheskoi informatsii [Czechoslovak Academy of Agricultural Sciences and the Institute of Scientific and Technical Information]. Prague, nos 1-2, 1962

SEL'SKOKHOZIAISTVENNAIA LITERATURA SSSR [AGRICULTURAL LITERATURE OF THE U.S.S.R.]. Issued by TSentral'naia nauchnaia sel'skokhoziaistvennaia biblioteka [Central Agricultural Library]. Moscow, no. 5, 1962. Imennoi ukazatel' za 1961 god [Author Index for 1961]

SOTSIALISTICHESKOE SEL'SKOE KHOZIAISTVO AZERBAIDZHANA [SOCIALIST AGRICULTURE OF AZERBAIJAN]. Issued by Ministerstvo proizvodstva i zagotovok sel'skokhoziaistvennykh produktov Azerbaidzhanskoi SSR [Ministry of the Production and Procurement of Agricultural Products of the Azerbaijan S.S.R.]. Baku, vol. 11, no. 11, Nov. 1962.

SOCIALISTINIS ZEMES UKIS [SOCIALIST AGRICULTURE]. Issued by Lietuvos TSR Zemes ukio ministerija [Ministry of Agriculture of the Lithuanian S.S.R.]. Vilnius, no. 11, Nov. 1962. [In Lithuanian]

SOTSIALISTLIK POLLUMAJANDUS [SOCIALIST AGRICULTURE]. Issued by Eesti NSV Pollumajandussaaduste Tootmise ja Varumise Ministeerium [Ministry of the Production and Procurement of Agricultural Products of the Estonian S.S.R.]. Tallinn, vol. 17, nos. 23-24, Dec. 1962. [In Estonian]

SOVKHOZNOE PROIZVODSTVO [STATE FARM PRODUCTION]. Organ of Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U.S.S.R.]. Moscow, no. 12, Dec. 1962.

STAVROPOL. SEL'SKOKHOZIAISTVENNYI INSTITUT. Trudy [AGRICULTURAL INSTITUTE. Transactions]. No. 9, 1960.

VESTNIK SEL'SKOKHOZIAISTVENNOI NAUKI [REVIEW OF AGRICULTURAL SCIENCE]. Issued by Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U.S.S.R.]. Moscow, vol. 7, no. 9, Sep 1962.

[illegible] OF [illegible] IVO [illegible] of Agricultural Sciences of the Ukrainian S.S.R.]. Kiev, vol. 5, nos. 5-6, May- June 1962.

b. ANIMAL INDUSTRY

KIEV. UKRAINS'KYI NAUKOVO-DOSLIDNYI INSTYTUT PTAKHIVNYTSTVA. Naukovi pratsi [UKRAINIAN SCIENTIFIC RESEARCH INSTITUTE OF POULTRY RAISING. Studies]. Vol. 9, no. 1, 1961.
(DA)

KONEVODSTVO I KONNYI SPORT [HORSE BREEDING AND EQUINE SPORTS]. Organ of Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U.S.S.R.]. Moscow, vol. 32, nos. 4-8, Apr.-July 1962.
(DNAL)

KROLIKOVODSTVO I ZVEROVODSTVO [RABBIT BREEDING AND FUR FARMING]. Issued by Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U.S.S.R.]. Moscow, vol. 5, nos. 4-5, 10, Apr.-May, Oct. 1962.
(DNAL)

MOLOCHNAIA PROMYSHLENNOST' [DAIRY INDUSTRY]. Issued by Gosudarstvennyi komitet Soveta Ministrov SSSR po koordinatsii nauchno-issledovatel'skikh rabot and TSentral'noe pravlenie Nauchno-tekhnicheskogo obshchestva pishchevoi promyshlennosti [State Committee of the Council of Ministers of the U.S.S.R. for the Coordination of Research and the Central Administration of the Scientific Technological Society of the Food Industry]. Moscow, vol. 23, no. 11, Nov. 1962.

MOLOCHNOE I MIASNOE ZHIVOTNOVODSTVO [DAIRY AND BEEF CATTLE BREEDING]. Issued by Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U.S.S.R.]. Moscow, vol. 7, no. 12, Dec. 1962.
(DNAL)

PCHELOVODSTVO [APICULTURE]. Organ of Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U.S.S.R.]. Moscow, vol. 39, no. 8, Aug. 1962.
(DNAL)

PTITSEVODSTVO [POULTRY RAISING]. Issued by Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U.S.S.R.]. Moscow, nos. 4-9, Apr.-Sep. 1962.
(DNAL)

RYBNOE KHOZIAISTVO [FISHERIES]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po rybnomu khoziaistvu [State Committee of the Council of Ministers of the U.S.S.R. for Fisheries] Moscow, vol. 38, no. 5, 1962.

RYBOVODSTVO I RYBOLOVSTVO [PISCICULTURE AND FISHING]. Issued by Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U.S.S.R.]. Moscow, vol. 5, no. 6, Nov.-Dec. 1962.

SEL'SKOE KHOZIAISTVO ZA RUBEZHOM: ZHIVOTNOVODSTVO [AGRICULTURE ABROAD: ANIMAL HUSBANDRY]. Issued by Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U.S.S.R.]. Moscow, vol. 6, no. 11, 1962.
(DNAL)

SOTSIALISTYCHNE TVARYNNYTSTVO [SOCIALIST ANIMAL HUSBANDRY]. Organ of Ministerstvo sil's'koho hospodarstva URSR [Ministry of Agriculture of the Ukrainian S.S.R.]. Kiev, vol. 34, nos. 5, 12, May, Dec. 1962.
(DNAL)

SVINOVODSTVO [SWINE BREEDING]. Issued by Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U.S.S.R.]. Moscow, vol. 10, no. 6, May 1962.
(DNAL)

ZHIVOTNOVODSTVO [ANIMAL HUSBANDRY]. Organ of Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U.S.S.R.]. Moscow, vol. 22, no. 2, Feb. 1960, vol. 23, no. 2, Feb. 1961.
(DNAL)

c. FORESTRY

AKADEMIIA NAUK SSSR. Sibirskoe otdelenie. Institut lesa i drevesiny. Trudy [ACADEMY OF SCIENCES OF THE U.S.S.R. Siberian Department. Institute of Forest and Wood. Transactions]. Krasnoyarsk, vol. 53, 1962.

MASTER LESA [MASTER LUMBERMAN]. Issued by TsK Profsoiuza rabochikh lesnoi, bumazhnoi i derevoobrabatyvaiushchei promyshlennosti [Central Committee of the Trade Union of Workers of the Forest, Paper, and Woodworking Industries]. Moscow, vol. 6, nos. 11-12, Nov.-Dec. 1962.

MUSU GIRIOS [OUR FORESTS]. Issued by Lietuvos TSR Misku ukio ir misko pramones ministerija and Gamtos apsaugos komitetas prie Lietuvos TSR Ministru Tarybos [Ministry of Forestry and Lumbering of the Lithuanian S.S.R. and the Committee on Conservation, Attached to the Council of Ministers of the Lithuanian S.S.R.]. Vilnius, no. 12(173), Dec. 1962. [In Lithuanian]

d. PLANT CULTURE

KHLOPKOVODSTVO [COTTON GROWING]. Organ of Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U.S.S.R.]. Moscow, vol. 12, nos. 5, 7-10, May, July-Oct. 1962.
(DNAL)

KIEV. UKRAINS'KYI NAUKOVO-DOSLIDNYI INSTYTUT SADIVNYTSTVA. Naukovi pratsi [UKRAINIAN SCIENTIFIC RESEARCH INSTITUTE OF HORTICULTURE Studies]. No. 37, 1960.
(DNAL)

LEN I KONOPLIA [FLAX AND HEMP]. Issued by Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U.S.S.R.]. Moscow, vol. 7, no. 5, May 1962.
(DNAL)

SADOVODSTVO [HORTICULTURE]. Organ of Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U.S.S.R.]. Moscow, vol. 100, nos. 5, 7-12, May, July-Sep., Dec. 1962.
(DNAL)

SADOVODSTVO, VINOGRADARSTVO I VINODELIE MOLDAVII [FRUIT CULTURE, VITICULTURE, AND WINE MAKING IN MOLDAVIA]. Organ of Sovet narodnogo khoziaistva and Ministerstvo proizvodstva i zagotovok sel'skokhoziaistvennykh produktov Moldavskoi SSR [Economic Council and the Ministry of the Production and Procurement of Agricultural Products of the Moldavian S.S.R.]. Kishinev, vol. 17, nos. 10(114), 12(116), Oct., Dec. 1962.
(DNAL)

SAKHARNAIA SVEKLA [SUGAR BEETS]. Issued by Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U.S.S.R.]. Moscow, vol. 7, nos. 5-6, 12, May-June, Dec. 1962.
(DNAL)

SEL'SKOE KHOZIAISTVO ZA RUBEZHOM. RASTENIEVODSTVO [AGRICULTURE ABROAD: PLANT CULTURE]. Issued by Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U.S.S.R.]. Moscow, vol. 6, no. 11, 1962.
(DNAL)

SUBTROPICHESKIE KUL'TURY [SUBTROPICAL CROPS]. Issued by Vsesoiuznyi nauchno-issledovatel'skii institut chaia i subtropicheskikh kul'tur [All-Union Scientific Research Institute of Tea and Subtropical Crops] Makhachkala, no. 3, 1962.

TABAK [TOBACCO]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po koordinatsii nauchno-issledovatel'skikh rabot and TSentral'noe pravlenie Nauchno-tekhnicheskogo obshchestva pishchevoi promyshlennosti [State Committee of the Council of Ministers of the U.S.S.R. for the Coordination of Research and the Central Administration of the Scientific Technological Society of the Food Industry]. Moscow, vol. 23, no. 4, Apr. 1962.
(DNAL)

TSVETOVODSTVO [FLORICULTURE]. Issued by Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U.S.S.R.]. Moscow, vol. 3, nos. 5, 8-9, 11, 1962.
(DNAL)

ZASHCHITA RASTENII OT VREDITELEI I BOLEZNEI [PROTECTING PLANTS AGAINST DISEASES AND PESTS]. Issued by Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U.S.S.R.]. Moscow, vol. 4, no. 6, Nov.-Dec. 1960; vol. 7, nos. 3, 5, 7, Mar., May, July 1962.
(DNAL)

ZEMLEDELIE [AGRICULTURE]. Issued by Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U.S.S.R.]. Moscow, vol. 24, nos. 6, 10, June, Oct. 1962.

16. TECHNOLOGY

a. GENERAL

BEZOPASNOST' TRUDA V PROMYSHLENNOSTI [INDUSTRIAL SAFETY]. Organ of Komitet po nadzoru za bezopasnym vedeniem rabot v promyshlennosti i gornomu nadzoru pri Sovete Ministrov RSFSR [Committee for Safety Inspection in Industry and Mining, Attached to the Council of Ministers of the R.S.F.S.R.]. Moscow, vol. 6, no. 6, June 1962.

*BIULLETEN' IZOBRETENII [BULLETIN ON INVENTIONS]. Issued by Komitet po delam izobretenii i otkrytii pri Sovete Ministrov SSSR [Committee on Inventions and Discoveries, Attached to the Council of Ministers of the U. S. S. R.]. Moscow, vol. 39, no. 20, Oct. 1962.

GORKIY POLITEKHNICHESKII INSTITUT Trudy [POLYTECHNIC INSTITUTE. Transactions] Vol. 15, no 1, 1961 [i.e 1959]

INZHENERNO-FIZICHESKII ZHURNAL [JOURNAL OF ENGINEERING PHYSICS]. Issued by Akademiia nauk BSSR [Academy of Sciences of the White Russian S. S. R.]. Minsk, vol. 5, no. 8, Aug. 1962.

*IZMERITEL'NAIA TEKHNIKA [MEASUREMENT TECHNIQUES]. Issued by Komitet standartov, mer i izmeritel'nykh priborov pri Sovete Ministrov SSSR [Committee of Standards, Measures, and Measuring Instruments, Attached to the Council of Ministers of the U. S. S. R.]. Moscow, no. 11, Nov. 1962.

LENINGRAD TEKHNOLOGICHESKII INSTITUT. Trudy [TECHNOLOGICAL INSTITUTE. Transactions]. No 62, 1963.
Contents: Mazurin, O. V. [Electrical properties of glass] Elektricheskie svoistva stekla. 161 p

MOKSLAS IR TECHNIKA [SCIENCE AND TECHNOLOGY] Issued by Lietuvos TSR Ministru Tarybos Valstybinis mokslinio tyrimo darbu koordinavimo komitetas [State Committee of the Council of Ministers of the Lithuanian S. S. R. for the Coordination of Research] and others. Kaunas, nos. 11-12, Nov. -Dec. 1962. [In Lithuanian]

MOSCOW. GOSUDARSTVENNYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT NAUCHNOI I TEKHNICHESKOI INFORMATSII. Biulleten' tekhniko-ekonomicheskoi informatsii [STATE SCIENTIFIC RESEARCH INSTITUTE OF TECHNICAL AND ECONOMIC INFORMATION. Bulletin of Technical and Economic Information]. No. 11, 1962.

NOVOCHERKASSK. POLITEKHNICHESKII INSTITUT. Trudy [POLYTECHNIC INSTITUTE Transactions]. Erivan, vol. 121, 1962.

NOVYE KNIGI ZA RUBEZHOM. Serlia B: Tekhnika [NEW FOREIGN BOOKS. Series B: Technology]. Published by Izdatel'stvo inostrannoi literatury [Publishing House of Foreign Literature]. Moscow, vol. 6, nos. 11-12, Nov. -Dec. 1962.

OBZOR POL'SKOI TEKHNICHESKOI LITERATURY. POLISH TECHNICAL ABSTRACTS. Issued by Centralny Instytut Informacji naukowo-technicznej i ekonomicznej [Central Institute of Scientific, Technical, and Economic Information]. Warsaw, no. 3(47), 1962.

PROFESSIONAL'NO-TEKHNICHESKOE OBRAZOVANIE [VOCATIONAL TECHNICAL EDUCATION]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po professional'no-tekhnicheskomu obrazovaniiu [State Committee of the Council of Ministers of the U. S. S. R. for Vocational Technical Education]. Moscow, vol. 19, no. 10(209), Oct. 1962.

PROMYSHLENNOST' ARMENII [INDUSTRY OF ARMENIA]. Issued by Sovet narodnogo khoziaistva Armianskoi SSR [Economic Council of the Armenian S. S. R.] Erivan, vol. 5, no. 10, Oct. 1962.

REFERATIVNYI ZHURNAL. OTDEL'NYI VYPUSK 32. IZMERITEL'NAIA TEKHNIKA [JOURNAL OF ABSTRACTS. SEPARATE ISSUE 32: MEASUREMENT TECHNIQUES]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U. S. S. R.]. Moscow, nos. 22-24, Nov. -Dec. 1962.

RUSSIA (1923- U. S. S. R.) Komitet standartov, mer i [illegible] nila v oblasti izmerenii vremeni [Research in the Field of Time Measurements].

TEHNIKA JA TOOTMINE [TECHNOLOGY AND PRODUCTION]. Issued by Eesti NSV Ministrite Noukogu Riiklik Teadusliit-Tehniline Komitee and Eesti NSV Ametiuhingute Noukogu [State Scientific Technological Committee of the Council of Ministers of the Estonian S. S. R. and the Council of Trade Unions of the Estonian S. S. R.]. Tallinn, vol. 6, nos. 11-12, Nov. -Dec. 1962. [In Estonian]

VESTI UKRAINS'KYKH INZHENERIV. UKRAINIAN ENGINEERING NEWS. Issued by the Ukrainian Engineers' Society of America and the Ukrainian Technical Society in Canada. New York, vol. 13, no. 2(75), Apr., June 1962, vol 14, no 3/4(76-77), July, Dec. 1962.

*ZHURNAL TEKHNICHESKOI FIZIKI [JOURNAL OF TECHNICAL PHYSICS]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U. S. S. R.]. Moscow, vol 32, no. 11, Nov. 1962.

b. AERONAUTICS

AVIATSIIA I KOSMONAVTIKA [AVIATION AND ASTRONAUTICS]. Moscow, vol. 45, no. 11, 1962.

AVTOMATICHESKOE REGULIROVANIE AVIADVIGATELEI [AUTOMATIC CONTROL OF AIRPLANE ENGINES]. Moscow, no. 4, 1962.

REFERATIVNYI ZHURNAL. OTDEL'NYI VYPUSK 41 RAKETNAIA TEKHNIKA I APPARATY KOSMICHESKOGO POLETA [JOURNAL OF ABSTRACTS. SEPARATE ISSUE 41 ROCKET ENGINEERING AND SPACE FLIGHT EQUIPMENT]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U. S. S. R.]. Moscow, no. 23, Dec. 1962.

REFERATIVNYI ZHURNAL. VOZDUSHNYI TRANSPORT [JOURNAL OF ABSTRACTS AIR TRANSPORTATION]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U. S. S. R.]. Moscow, no. 12, Dec. 1962. [This journal is also issued in parts.]

c. CHEMICAL TECHNOLOGY

*KAUCHUK I REZINA [CRUDE AND VULCANIZED RUBBER]. Organ of Gosudarstvennyi Komitet Soveta Ministrov SSSR po Khimii and Vsesoiuznoe khimicheskoe obshchestvo [State Committee of the Council of Ministers of the U. S. S. R. for Chemistry and the All-Union Chemical Society] Moscow, vol. 21, no. 9, Sep. 1962.

KHIMICHESKAIA PROMYSHLENNOST' [CHEMICAL INDUSTRIES]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po khimii [State Committee of the Council of Ministers of the U. S. S. R. on Chemistry]. Moscow, nos. 6, 9, June, Sep. 1962.

KHIMICHESKIE VOLOKNA [SYNTHETIC FIBERS]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po khimii [State Committee of the Council of Ministers of the U. S. S. R. on Chemistry]. Moscow, no. 5, 1962.

KHIMIIA I TEKHNOLOGIIA POLIMEROV; sbornik perevodov iz inostrannoi periodicheskoi literatury [THE CHEMISTRY AND TECHNOLOGY OF POLYMERS; Translations From Foreign Periodical Literature]. Moscow, vol. 6, no. 12, 1962.

KHIMIIA I TEKHNOLOGIIA TOPLIV I MASEL [CHEMISTRY AND TECHNOLOGY OF FUEL AND OIL]. Issued by Gosudarstvennyi komitet Soveta Ministrov SSSR po toplivnoi promyshlennosti [State Committee of the Council of Ministers of the U. S. S. R. for the Fuel Industry] and others. Moscow, vol. 7, no. 5, May 1962.

KONSERVNAIA I OVOSHCHESUSHIL'NAIA PROMYSHLENNOST' [THE CANNING AND DEHYDRATED VEGETABLE INDUSTRY]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po koordinatsii nauchno-issledovatel'skikh rabot and TSentral'noe pravlenie Nauchno-tekhnicheskogo obshchestva pishchevoi promyshlennosti [State Committee of the Council of Ministers of the U. S. S. R. for the Coordination of Research and the Central Administration of the Scientific Technological Society of the Food Industry]. Moscow, vol. 17, no. 11, Nov. 1962.

MASLOBOINO-ZHIROVAIA PROMYSHLENNOST' [OILS AND FATS INDUSTRY]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po koordinatsii nauchno-issledovatel'skikh rabot and TSentral'noe pravlenie Nauchno-tekhnicheskogo obshchestva pishchevoi promyshlennosti [State Committee of the Council of Ministers of the U. S. S. R. for the Coordination of Research and the Central Administration of the Scientific Technological Society of the Food Industry]. Moscow, vol. 28, no. 7, July 1962.

MOSCOW. KHIMIKO-TEKHNOLOGICHESKII INSTITUT. Trudy [INSTITUTE OF CHEMICAL TECHNOLOGY. Transactions]. No. 34, 1961.
Contents Karapet'iants, M. Kh, Karapet'iants, M. L. [Tables of some thermodynamic properties of various substances] Tablitsy nekotorykh termodinamicheskikh svoistv razlichnykh veshchestv. 163 p.

* PLASTICHESKIE MASSY [PLASTICS]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po khimii [State Committee for Chemistry of the Council of Ministers of the U. S. S. R.]. Moscow, no. 10, 1962.

REFERATIVNYI ZHURNAL. OTDEL'NYI VYPUSK 34. KOMPRESSORY I KHOLODIL'NAIA TEKHNIKA [JOURNAL OF ABSTRACTS. SEPARATE ISSUE 34 COMPRESSORS AND REFRIGERATION ENGINEERING]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U. S. S. R.]. Moscow, no. 23, Dec. 1962.

REFERATIVNYI ZHURNAL. OTDEL'NYI VYPUSK 47. KHIMICHESKOE MASHINOSTROENIE [JOURNAL OF ABSTRACTS. SEPARATE ISSUE 47 CHEMICAL MACHINERY MANUFACTURE]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U. S. S. R.]. Moscow, nos. 21-24, Nov. -Dec. 1962.

RUSSIA (1923- U. S. S. R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii, pishchevaia tekhnologiia [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Food Technology]. Moscow, no. 4(29), 1962.

SOVETSKOE FOTO [THE SOVIET PHOTO]. Issued by Soiuz zhurnalistov SSSR [Association of Journalists of the U. S. S. R.]. Moscow, vol. 22, no. 10, Oct. 1962.

ZHURNAL NAUCHNOI I PRIKLADNOI FOTOGRAFII I KINEMATOGRAFII [JOURNAL OF SCIENTIFIC AND APPLIED PHOTOGRAPHY AND CINEMATOGRAPHY]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U. S. S. R.]. Moscow, vol. 7, no. 5, Sep. -Oct. 1962.

d. CIVIL & CONSTRUCTION ENGINEERING

AKADEMIIA NAUK TADZHIKSKOI SSR, Dushanbe. Institut seismostoikogo stroitel'stva i seismologii. Trudy [ACADEMY OF SCIENCES OF THE TAJIK S. S. R. Institute of Earthquakeproof Construction and Seismology. Transactions]. Dushanbe, vol. 9, 1961.

AKADEMIIA STROITEL'STVA I ARKHITEKTURY SSSR, Institut betona i zhelezobetona, Perovo. Trudy [ACADEMY OF CONSTRUCTION AND ARCHITECTURE OF THE U. S. S. R. Institute of Concrete and Reinforced Concrete. Transactions]. Moscow, no. 29, 1962.

AKADEMIIA STROITEL'STVA I ARKHITEKTURY SSSR, Institut stroitel'noi fiziki. Trudy [ACADEMY OF CONSTRUCTION AND ARCHITECTURE OF THE U. S. S. R. Institute of Construction Physics. Transactions]. Moscow, no. 1, 1962.

AKADEMIIA STROITEL'STVA I ARKHITEKTURY SSSR, Institut stroitel'nykh konstruktsii. Trudy [ACADEMY OF CONSTRUCTION AND ARCHITECTURE OF THE U. S. S. R. Institute of Construction Design. Transactions]. Moscow, no. 13, 1962.
[MICROFILM]

AKADEMIIA STROITEL'STVA I ARKHITEKTURY SSSR, Izvestiia [ACADEMY OF CONSTRUCTION AND ARCHITECTURE OF THE U. S. S. R. Bulletin]. Moscow, vol. 4, nos. 1, 3, 1962.

BETON I ZHELEZOBETON [CONCRETE AND REINFORCED CONCRETE]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po delam stroitel'stva [State Committee of the Council of Ministers of the U. S. S. R. for Construction]. Moscow, vol. 8, nos. 10-11, Oct. -Nov. 1962.

BIULLETEN' STROITEL'NOI TEKHNIKI [BULLETIN OF CONSTRUCTION ENGINEERING]. Published by Gosudarstvennyi komitet Soveta Ministrov SSSR po delam stroitel'stva [State Committee of the Council of Ministers of the U. S. S. R. for Construction]. Moscow, vol. 19, nos. 5, 11, May, Nov. 1962.

BUDIVEL'NI MATERIALY I KONSTRUKTSII [BUILDING MATERIALS AND CONSTRUCTION ELEMENTS]. Issued by Derzhavnyi komitet Rady Ministriv URSR v spravakh budivnytstva and Akademiia budivnytstva i arkhitektury URSR [State Committee of the Council of Ministers of the U S.S.R. for Construction and the Academy of Construction and Architecture of the Ukrainian S.S.R.]. Kiev, vol. 4, no. 5(18), Sep.-Oct. 1962.

KORROZIIA TSEMENTOV I MERY BOR'BY S NEI [CORROSION OF CEMENTS AND MEASURES FOR ITS CONTROL]. Issued by Institut khimii Akademii nauk Uzbekskoi SSR [Institute of Chemistry of the Academy of Sciences of the Uzbek S.S.R.]. Tashkent, no. 2, 1962.

LENINGRAD INSTITUT INZHENEROV ZHELEZNO-DOROZHNOGO TRANSPORTA. Sbornik trudov [INSTITUTE OF RAILROAD TRANSPORTATION ENGINEERS. Papers]. Moscow, no. 174(9), 1960.

MEKHANIZATSIIA STROITEL'STVA [MECHANIZATION OF CONSTRUCTION]. Issued by Gosudarstvennyi komitet Soveta Ministrov SSSR po delam stroitel'stva and TSentral'noe pravlenie Nauchno-tekhnicheskogo obshchestva stroitel'noi industrii [State Committee of the Council of Ministers of the U.S.S.R. for Construction and the Central Administration of the Scientific Technological Society of the Construction Industry]. Moscow, vol. 19, no. 11, Nov. 1962.

MOSCOW. VSESOIUZNYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT VODOSNABZHENIIA, KANALIZATSII, GIDROTEKHNICHESKIKH SOORUZHENII I INZHENERNOI GIDROGEOLOGII. Gidravlicheskaia laboratoriia. Trudy [ALL-UNION SCIENTIFIC RESEARCH INSTITUTE OF WATER SUPPLY, SEWERAGE, HYDRAULIC STRUCTURES, AND ENGINEERING HYDROGEOLOGY. Hydraulic Laboratory. Transactions] Nos 8-9, 1962.

POZHARNOE DELO [FIRE FIGHTING]. Issued by Ministerstvo vnutrennikh del RSFSR [Ministry of the Interior of the R.S.F.S.R.]. Moscow, vol. 8, no. 11, Nov. 1962.

PROMYSHLENNOE STROITEL'STVO [INDUSTRIAL CONSTRUCTION]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po delam stroitel'stva and TSentral'noe pravlenie Nauchno-tekhnicheskogo obshchestva stroitel'noi industrii [State Committee of the Council of Ministers of the U.S.S.R. for Construction and the Central Administration of the Scientific Technological Society of the Building Industry]. Moscow, vol. 40, nos. 8-9, 1962.

PROMYSHLENNOE STROITEL'STVO I INZHENERNYE SOORUZHENIIA [INDUSTRIAL CONSTRUCTION AND ENGINEERING STRUCTURES]. Issued by Naukovo-doslidnyi instytut vprovadzhennia peredovoho dosvidu v budivnytstvo i tekhnichnoi informatsii Akademii budivnytstva i arkhitektury URSR [Scientific Research Institute for the Introduction of Progressive Practices in Construction and of Technical Information of the Academy of Construction and Architecture of the Ukrainian S.S.R.]. Kiev, vol. 4, no. 2(16), Mar.-Apr. 1962.

REFERATIVNYI ZHURNAL: STROITEL'STVO I ARKHITEKTURA [JOURNAL OF ABSTRACTS, CONSTRUCTION AND ARCHITECTURE]. Issued by Akademiia stroitel'stva i arkhitektury SSSR [Academy of Construction and Architecture of the U.S.S.R.]. Moscow, no. 6(24), 1962.

SEL'SKOE STROITEL'STVO [RURAL CONSTRUCTION]. Organ of Gosudarstvennyi komitet Soveta Ministrov RSFSR po delam stroitel'stva [State Committee of the Council of Ministers of the R.S.F.S.R. for Construction]. Moscow, nos. 8(154), 10(156), Aug., Oct. 1962.

——— Prilozhenie [Supplement]. Nos. 4(5), 4(10), 1962.

STROITEL' [THE BUILDER]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po delam stroitel'stva and TSentral'nyi komitet Profsoiuza rabochikh stroitel'stva i promyshlennosti stroitel'nykh materialov [State Committee of the Council of Ministers of the U.S.S.R. for Construction and the Central Committee of the Trade Union of Construction and Building Materials Workers]. Moscow, vol. 8, no. 10, Oct. 1962.

STROITEL'NAIA MEKHANIKA I RASCHET SOORUZHENII [STRUCTURAL MECHANICS AND CONSTRUCTION CALCULATIONS]. Issued by Akademiia stroitel'stva i arkhitektury SSSR [Academy of Construction and Architecture of the U.S.S.R.]. Moscow, vol. 4, no. 5, 1962.

STROITEL'NYE MATERIALY [BUILDING MATERIALS]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po delam stroitel'stva [State Committee of the Council of Ministers of the U.S.S.R. for Construction]. Moscow, vol. 8, no. 10, Oct. 1962.

*TSEMENT [CEMENT]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po delam stroitel'stva [State Committee of the Council of Ministers of the U.S.S.R. for Construction] Moscow, vol. 28, no. 5, Sep.-Oct. 1962.

ZHILISHCHNO-KOMMUNAL'NOE KHOZIAISTVO [COMMUNAL HOUSING AND SERVICES] Issued by Ministerstvo kommunal'nogo khoziaistva RSFSR and TsK profsoiuza rabochikh mestnoi promyshlennosti i kommunal'nogo khoziaistva [Ministry of Communal Economy of the R.S.F.S.R. and the Central Committee of the Trade Union of Workers of Local Industries and Communal Economy]. Moscow, vol. 12, no. 11, Nov. 1962.

e. ELECTRICAL ENGINEERING

AKADEMIIA NAUK SSSR. Izvestiia. Otdelenie tekhnicheskikh nauk. Energetika i avtomatika [ACADEMY OF SCIENCES OF THE U.S.S.R. Bulletin. Department of Technological Sciences. Power Engineering and Automatic Control]. Moscow, no. 5, Sep.-Oct. 1962.

ANNOTIROVANNYI UKAZATEL' LITERATURY PO RADIOELEKTRONIKE [ANNOTATED BIBLIOGRAPHY ON ELECTRONICS]. Moscow, vol. 18, nos. 21-22, 1962.

*ATOMNAIA ENERGIIA [ATOMIC ENERGY] Issued by Akademiia nauk SSSR and Gosudarstvennyi komitet Soveta Ministrov SSSR po ispol'zovaniiu atomnoi energii [Academy of Sciences of the U.S.S.R. and the State Committee on the Use of Atomic Energy of the Council of Ministers of the U.S.S.R.] Moscow, vol. 13, no. 5, Nov. 1962.

*AVTOMATIKA I TELEMEKHANIKA [AUTOMATIC AND REMOTE CONTROL]. Issued by Institut avtomatiki i telemekhaniki Akademii nauk SSSR [Institute of Automatic and Remote Control of the Academy of Sciences of the U.S.S.R.]. Moscow, vol. 23, no. 10, Oct. 1962.

AVTOMATIKA, TELEMEKHANIKA I SVIAZ' [AUTOMATIC CONTROL, REMOTE CONTROL, AND COMMUNICATIONS]. Organ of Ministerstvo putei soobshchenila SSSR [Ministry of Railroad Transportation of the U.S.S.R.]. Moscow, vol. 6, no. 11, Nov. 1962.

AVTOMATYKA [AUTOMATIC CONTROL]. Issued by Instytut elektrotekhniky Akademii nauk URSR [Institute of Electrical Engineering of the Academy of Sciences of the Ukrainian S.S.R.]. Kiev, vol. 7, no. 5, 1962.

ELEKTRICHESTVO [ELECTRICITY]. Organ of Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.] and others. Moscow, no. 11, Nov. 1962.

*ELEKTROSVIAZ' [TELECOMMUNICATION]. Organ of Ministerstvo sviazi SSSR and Nauchno-tekhnicheskoe obshchestvo radiotekhniki i elektrosviazi im. A.S. Popova [Ministry of Communication of the U.S.S.R. and the A.S. Popov Scientific Technological Society of Radio Engineering and Telecommunications]. Moscow, vol. 16, no. 11, Nov. 1962.

LATVIJAS PADOMJU SOCIALISTISKAS REPUBLIKAS ZINATNU AKADEMIJA. Energetikas instituts. Trudy Instituta energetiki Akademii nauk Latviiskoi SSR [ACADEMY OF SCIENCES OF THE LATVIAN S.S.R. Institute of Power Engineering Transactions]. Riga, vol. 12, 1961, Beskontaktnye elektricheskie mashiny [Contactless Electric Machinery], vol. 1.

*RADIOTEKHNIKA [RADIO ENGINEERING]. Organ of Nauchno-tekhnicheskoe obshchestvo radiotekhniki i elektrosviazi im. A.S. Popova [A.S. Popov Scientific Technological Society of Radio Engineering and Telecommunications]. Moscow, vol. 17, no. 11, Nov. 1962.

*RADIOTEKHNIKA I ELEKTRONIKA [RADIO ENGINEERING AND ELECTRONICS]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 7, nos. 11-12, Nov.-Dec. 1962.

REFERATIVNYI ZHURNAL. AVTOMATIKA I RADIOELEKTRONIKA [JOURNAL OF ABSTRACTS: AUTOMATIC CONTROL AND RADIO ELECTRONICS]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, nos. 10-12, Oct.-Dec. 1962.

REFERATIVNYI ZHURNAL: ELEKTROTEKHNIKA I ENERGETIKA [JOURNAL OF ABSTRACTS, ELECTRICAL ENGINEERING AND ELECTRIC POWER]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, nos. 21-22, Nov. 1962.

REFERATIVNYI ZHURNAL. OTDEL'NYI VYPUSK 42 SILOVYE USTANOVKI [JOURNAL OF ABSTRACTS SEPARATE ISSUE 42: POWER PLANTS]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, nos. 23-24, Dec. 1962.

RUSSIA (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii; elektromekhanika [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning, Electrical Machinery and Apparatus]. Novocherkassk, vol. 5, no. 10, 1962.

RUSSIA (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii; energetika [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning, Power Engineering]. Moscow, vol. 5, no. 10, Oct. 1962.

*RUSSIA (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii; radiotekhnika [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Radio Engineering]. Moscow, vol. 5, no. 5, Sep.-Oct. 1962.

VESTNIK ELEKTROPROMYSHLENNOSTI [REVIEW OF THE ELECTRICAL INDUSTRY]. Issued by Gosudarstvennyi komitet Soveta Ministrov SSSR po koordinatsii nauchno-issledovatel'skikh rabot [State Committee of the Council of Ministers of the U.S.S.R. on the Coordination of Research] and others. Moscow, vol 33, no. 7, July 1962

*VESTNIK SVIAZI [COMMUNICATION REVIEW]. Issued by Ministerstvo sviazi SSSR and TSentral'nyi komitet Profsoiuza rabotnikov sviazi, rabochikh avtomobil'nogo transporta i shosseinykh dorog [Ministry of Communication of the U.S.S.R. and the Central Committee of the Trade Union of Communications Employees and Workers of Automotive Transportation and Highways]. Moscow, vol 22, no. 10(271), Oct. 1962

ZARUBEZHNAIA RADIOELEKTRONIKA [RADIO ELECTRONICS ABROAD] Moscow, vol. 17, no. 11, Nov. 1962.

f. INDUSTRIES & TRADES

AKADEMIIA NAUK URSR, Kiev. Institut elektrosvarki imeni. Avtomaticheskaia svarka [ACADEMY OF SCIENCES OF THE UKRAINIAN S.S.R. Institute of Electric Welding Automatic Welding]. Kiev, vol. 15, no. 10(115), Oct. 1962.

BUMAZHNAIA PROMYSHLENNOST' [PAPER INDUSTRY]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po lesnoi, tsellyulozno-bumazhnoi, derevoobrabatyvaiushchei promyshlennosti i lesnomu khoziaistvu and TSentral'noe pravlenie NTO lesnoi i derevoobrabatyvaiushchei promyshlennosti [State Committee of the Council of Ministers of the U.S.S.R. for the Forest, Woodpulp, Paper, and Woodworking Industries, Forestry, and the Central Administration of the Scientific Technological Society of the Paper and Woodworking Industry]. Moscow, vol. 37, no. 10, Oct. 1962.

KHLEBOPEKARNAIA I KONDITERSKAIA PROMYSHLENNOST' [BAKING AND CONFECTIONARY INDUSTRY]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po koordinatsii nauchno-issledovatel'skikh rabot and TSentral'noe pravlenie Nauchno-tekhnicheskogo obshchestva pishchevoi promyshlennosti [State Committee of the Council of Ministers of the U.S.S.R. for the Coordination of Research and the Central Administration of the Scientific Technological Society of the Food Industry]. Moscow, vol. 6, no. 11, Nov. 1962.

KOZHEVENNO-OBUVNAIA PROMYSHLENNOST' [LEATHER AND FOOTWEAR INDUSTRY]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po koordinatsii nauchno-issledovatel'skikh rabot and TSentral'noe pravlenie NTO legkoi promyshlennosti [State Committee of the Council of Ministers of the U.S.S.R. for the Coordination of Research and the Central Administration of the Scientific Technological Society of Light Industry]. Leningrad, vol. 4, no. 11, Nov. 1962.

NEFTIANIK [THE PETROLEUM WORKER]. Issued by Gosudarstvennyi komitet Soveta Ministrov SSSR po toplivnoi promyshlennosti [State Committee of the Council of Ministers of the U.S.S.R. for the Fuel Industry] and others. Moscow, vol. 7, no. 4, Apr. 1962.

OBSHCHESTVENNOE PITANIE [PUBLIC FOOD SERVICE]. Issued by Ministerstvo torgovli RSFSR [Ministry of Commerce of the R. S. F. S. R.]. Moscow, no. 10, Oct. 1962.

REFERATIVNYI ZHURNAL LEGKAIA PROMYSHLENNOST' [JOURNAL OF ABSTRACTS: LIGHT INDUSTRY]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U. S. S. R.]. Moscow, nos. 23-24, Dec. 1962. [This journal is also issued in parts.]

*RUSSIA (1923- U. S. S. R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii, tekhnologiia tekstil'noi promyshlennosti [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning, Technology of the Textile Industry]. Moscow, no. 5(30), 1962.

*SVAROCHNOE PROIZVODSTVO [WELDING PRACTICE]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po koordinatsii nauchno-issledovatel'skikh rabot [State Committee of the Council of Ministers of the U. S. S. R. on the Coordination of Research] and others. Moscow, no. 8(308), Aug. 1962.

TASHKENT. TEKSTIL'NYI INSTITUT. Sbornik nauchno-issledovatel'skikh rabot [TEXTILE INSTITUTE. Collection of Scientific Research Papers]. No. 12, 1961.

TEKSTIL'NAIA PROMYSHLENNOST' [TEXTILE INDUSTRY] Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po koordinatsii nauchno-issledovatel'skikh rabot and TSentral'noe pravlenie Nauchno-tekhnicheskogo obshchestva legkoi promyshlennosti [State Committee of the Council of Ministers of the U. S. S. R. on Coordination of Research and the Central Administration of the Scientific Technological Society of Light Industry]. Moscow, vol. 22, nos. 10-11, Oct.-Nov. 1962.

g. MECHANICAL ENGINEERING

AVTOMOBIL'NYI TRANSPORT [AUTOMOTIVE TRANSPORTATION]. Organ of Ministerstvo avtomobil'nogo transporta i shosseinykh dorog RSFSR and TSentral'nyi komitet Profsoiuza rabotnikov sviazi, rabochikh avtomobil'nogo transporta i shosseinykh dorog [Ministry of Automotive Transport and Highways of the R. S. F. S. R. and the Central Committee of the Trade Union of Communication, Automotive Transport, and Highway Workers]. Moscow, vol. 40, no. 10, Oct. 1962.

AVTOMOBIL'NYI TRANSPORT ZA RUBEZHOM, sbornik perevodnykh materialov iz inostrannoi periodicheskoi literatury po voprosam avtomobil'nogo transporta [AUTOMOTIVE TRANSPORTATION ABROAD; Translations of Foreign Periodical Literature on Problems of Automotive Transportation]. Issued by Gosudarstvennyi nauchno-issledovatel'skii institut avtomobil'nogo transporta [State Scientific Research Institute of Automotive Transportation]. Moscow, no. 3, 1962.

ELEKTRICHESKAIA I TEPLOVOZNAIA TIAGA [ELECTRIC AND DIESEL LOCOMOTIVE TRACTION]. Organ of Ministerstvo putei soobshcheniia SSSR [Ministry of Railroad Transportation of the U. S. S. R.]. Moscow, vol. 6, no. 10(70), Oct. 1962.

ENERGOMASHINOSTROENIE [POWER MACHINERY CONSTRUCTION]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po avtomatizatsii i mashinostroeniiu [State Committee of the Council of Ministers of the U. S. S. R. for Automation and Machinery Manufacture]. Moscow, vol. 8, no. 10, Oct. 1962.

KUZNECHNO-SHTAMPOVOCHNOE PROIZVODSTVO [FORGING AND STAMPING]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po avtomatizatsii i mashinostroeniiu and Nauchno-tekhnicheskoe obshchestvo mashinostroitel'noi promyshlennosti [State Committee of the Council of Ministers of the U. S. S. R. for Automation and Machinery Manufacture and the Scientific Technological Society of the Machinery Industry] Moscow, vol. 4, no. 11, Nov. 1962.

MOSCOW. MOSKOVSKII INSTITUT INZHENEROV ZHELEZNODOROZHNOGO TRANSPORTA. Trudy [MOSCOW INSTITUTE OF ENGINEERS OF RAILROAD TRANSPORTATION Transactions]. No. 165, 1962.

MOSCOW. VSESOIUZNYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT ZHELEZNODOROZHNOGO TRANSPORTA. Trudy [ALL-UNION SCIENTIFIC RESEARCH INSTITUTE OF RAILROAD TRANSPORTATION. Transactions] No. 238, 1962.
Contents Kogan, L. A., Efimov, G. P., Petrova, T. I. [Demountable truck trailers and high-capacity containers] Kontreilery i krupnotonnazhnye kontejnery. 185 p.

No. 239, 1962.
Contents Emel'ianov, N. P., and others. [Multi-electrode automatic built-up welding under flux] Mnogoelektrodnaia avtomaticheskaia naplavka pod flusom 134 p.

REFERATIVNYI ZHURNAL AVTOMOBIL'NYI I GORODSKOI TRANSPORT [JOURNAL OF ABSTRACTS AUTOMOTIVE AND CITY TRANSPORTATION]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U. S. S. R.]. Moscow, no. 12, Dec. 1962. [This journal is also issued in parts.]

REFERATIVNYI ZHURNAL MASHINOSTROENIE [JOURNAL OF ABSTRACTS: MACHINERY MANUFACTURE]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U. S. S. R.]. Moscow, nos. 22-23, Nov.-Dec. 1962.

REFERATIVNYI ZHURNAL. OTDEL'NYI VYPUSK 31 VZAIMODEISTVIE RAZNYKH VIDOV TRANSPORTA I KONTEINERNYE PEREVOZKI [JOURNAL OF ABSTRACTS. SEPARATE ISSUE 31 CONTAINER SHIPMENTS AND THE INTERACTION OF VARIOUS TYPES OF TRANSPORTATION]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U. S. S. R.]. Moscow, no. 12, Dec. 1962.

REFERATIVNYI ZHURNAL. OTDEL'NYI VYPUSK 33: KOMMUNAL'NOE, BYTOVOE I TORGOVOE OBORUDOVANIE [JOURNAL OF ABSTRACTS. SEPARATE ISSUE 33 COMMUNAL, HOUSEHOLD, AND COMMERCIAL EQUIPMENT]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U. S. S. R.]. Moscow, nos. 21-23, Nov.-Dec. 1962.

REFERATIVNYI ZHURNAL. OTDEL'NYI VYPUSK 39 POD"EMNO-TRANSPORTNYE MASHINY I SOORUZHENIIA [JOURNAL OF ABSTRACTS. SEPARATE ISSUE 39: HOISTING AND CONVEYING MACHINERY AND STRUCTURES]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U. S. S. R.]. Moscow, no. 23, Dec. 1962.

REFERATIVNYI ZHURNAL. OTDEL'NYI VYPUSK 40 PRIBORY TOCHNOI MEKHANIKI I ISPYTATEL'NYE USTANOVKI [JOURNAL OF ABSTRACTS. SEPARATE ISSUE 40: PRECISION INSTRUMENTS AND TESTING EQUIPMENT]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U. S. S. R.]. Moscow, nos. 23-24, Dec. 1962.

REFERATIVNYI ZHURNAL. OTDEL'NYI VYPUSK 43 STROITEL'NOE I DOROZHNOE MASHINOSTROENIE. GORNYE MASHINY [JOURNAL OF ABSTRACTS. SEPARATE ISSUE 43: MANUFACTURE OF CONSTRUCTION EQUIPMENT AND ROAD MACHINERY. MINING MACHINERY]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U. S. S. R.]. Moscow, no. 23, Dec. 1962.

REFERATIVNYI ZHURNAL. OTDEL'NYI VYPUSK 44 TRAKTORY I SEL'SKOKHOZIAISTVENNYE MASHINY [JOURNAL OF ABSTRACTS. SEPARATE ISSUE 44: TRACTORS AND AGRICULTURAL MACHINERY]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U. S. S. R.]. Moscow, nos. 21, 23-24, Nov.-Dec. 1962.

REFERATIVNYI ZHURNAL. OTDEL'NYI VYPUSK 45: TRUBOPROVODNYI TRANSPORT [JOURNAL OF ABSTRACTS. SEPARATE ISSUE 45: PIPELINE TRANSPORTATION]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U. S. S. R.]. Moscow, no. 12, Dec. 1962.

REFERATIVNYI ZHURNAL. OTDEL'NYI VYPUSK 46: FOTO-KINOAPPARATURA I OPTICHESKIE PRIBORY [JOURNAL OF ABSTRACTS. SEPARATE ISSUE 46: PHOTOGRAPHIC AND MOTION-PICTURE EQUIPMENT AND OPTICAL INSTRUMENTS]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U. S. S. R.]. Moscow, nos. 23-24, Dec. 1962.

REFERATIVNYI ZHURNAL PROMYSHLENNYI TRANSPORT [JOURNAL OF ABSTRACTS INDUSTRIAL TRANSPORTATION]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U. S. S. R.]. Moscow, no. 12, Dec. 1962. [This journal is also issued in parts.]

REFERATIVNYI ZHURNAL ZHELEZNODOROZHNYI TRANSPORT [JOURNAL OF ABSTRACTS: RAILROAD TRANSPORTATION]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U. S. S. R.]. Moscow, no. 12, Dec. 1962. [This journal is also issued in parts.]

RUSSIA (1923- U. S. S. R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii; mashinostroenie [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning, Machine Manufacture]. Moscow, no. 6, 1962.

*STANKI I INSTRUMENT [MACHINE TOOLS AND THEIR CUTTING TOOLS]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po avtomatizatsii i mashinostroeniiu and TSentral'noe pravlenie Nauchno-tekhnicheskogo obshchestva mashinostroitel'noi promyshlennosti [State Committee of the Council of Ministers of the U. S. S. R. for Automation and Machinery Manufacture and the Central Administration of the Scientific Technological Society of the Machinery Industry]. Moscow, vol. 33, no. 11, Nov. 1962.

STROITEL'NYE I DOROZHNYE MASHINY [ROAD AND CONSTRUCTION MACHINERY]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po avtomatizatsii i mashinostroeniiu [State Committee of the Council of Ministers of the U. S. S. R. for Automation and Machinery Manufacture]. Moscow, vol. 7, no. 10, Oct. 1962.

*VESTNIK MASHINOSTROENIIA [MACHINE BUILDING REVIEW]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po koordinatsii nauchno-issledovatel'skikh rabot [State Committee of the Council of Ministers of the U. S. S. R. on the Coordination of Research] and others. Moscow, vol. 42, no. 11, Nov. 1962.

ZA RULEM [AT THE WHEEL]. Issued by Vsesoiuznoe dobrovol'noe obshchestvo sodeistviia armii, aviatsii i flotu [All-Union Volunteer Society for Assistance to the Army, Air Force, and Navy]. Moscow, vol. 20, no. 11, Nov. 1962.

ZHELEZNODOROZHNYI TRANSPORT [RAILROAD TRANSPORTATION]. Organ of Ministerstvo putei soobshcheniia SSSR [Ministry of Railroad Transportation of the U. S. S. R.]. Moscow, vol. 44, no. 11, Nov. 1962.

h. MINING & METALLURGY

AKADEMIIA NAUK KAZAKHSKOI SSR, Alma-Ata, Institut metallurgii i obogashcheniia. Trudy [ACADEMY OF SCIENCES OF THE KAZAKH S. S. R. Institute of Metallurgy and Ore Dressing. Transactions]. Alma-Ata, vol. 5, 1962.

AKADEMIIA NAUK URSR, Kiev. Instytut hirnychoi spravy. Shornik trudov [ACADEMY OF SCIENCES OF THE UKRAINIAN S. S. R. Institute of Mining. Papers]. Kiev, no. 12, 1961.

GORNYI ZHURNAL [MINING JOURNAL]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po chernoi i tsvetnoi metallurgii [State Committee of the Council of Ministers of the U. S. S. R. for Ferrous and Nonferrous Metallurgy] and others. Moscow, nos. 6, 12, June, Dec. 1962.

*LITEINOE PROIZVODSTVO [FOUNDRY PRACTICE]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po koordinatsii nauchno-issledovatel'skikh rabot [State Committee of the Council of Ministers of the U. S. S. R. for the Coordination of Research] and others. Moscow, nos. 8-9, Aug.-Sep. 1962.

*METALLOVEDENIE I TERMICHESKAIA OBRABOTKA METALLOV [METALS AND HEAT TREATMENT OF METALS]. Organ of Gosudarstvennyi komitet Soveta [illegible] U. S. S. R. for Automation and Machinery Manufacture and the Central Administration of the Scientific Technological Society of the Machinery Industry]. Moscow, nos. 8, 11, Aug., Nov. 1962.

METALLURGICHESKAIA I GORNORUDNAIA PROMYSHLENNOST' [METALLURGICAL, MINING, AND ORE-DRESSING INDUSTRIES]. Issued by Institut tekhnicheskoi informatsii Gosudarstvennogo komiteta Soveta Ministrov Ukrainskoi SSR po koordinatsii nauchno-issledovatel'skikh rabot [Institute of Technical Information of the State Committee of the Council of Ministers of the Ukrainian S.S.R. for the Coordination of Research]. Kiev, no. 2(14), March-Apr., 1962.

MOSCOW. TSENTRAL'NYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT CHERNOI METALLURGII. Sbornik trudov [CENTRAL SCIENTIFIC RESEARCH INSTITUTE OF FERROUS METALLURGY. Papers]. No. 28, 1962.

MOSCOW. VSESOIUZNYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT PODZEMNOI GAZIFIKATSII UGLEI. Nauchnye trudy [ALL-UNION SCIENTIFIC RESEARCH INSTITUTE OF UNDERGROUND COAL GASIFICATION Studies]. Moscow, nos. 6-7, 1962.

NAUCHNO-ISSLEDOVATEL'SKII INSTITUT METALLURGII. (Sbornik trudov) [SCIENTIFIC RESEARCH INSTITUTE OF METALLURGY. (Papers)]. Sverdlovsk, no. 4, 1961.

*OGNEUPORY [REFRACTORIES] Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po chernoi i tsvetnoi metallurgii [State Committee of the Council of Ministers of the U.S.S.R. for Ferrous and Nonferrous Metallurgy] and others. Moscow, vol. 27, no. 11, 1962.

POROSHKOVAIA METALLURGIIA [POWDER METALLURGY]. Organ of Institut metallokeramiki i spetsial'nykh splavov AN USSR [Institute of Ceramic Metals and Special Alloys of the Academy of Sciences of the Ukrainian S.S.R.]. Kiev, vol. 2, no. 5(11), Sep.-Oct. 1962.

RAZVEDKA I OKHRANA NEDR [PROSPECTING AND CONSERVATION OF MINERAL RESOURCES]. Organ of Ministerstvo geologii i okhrany nedr SSSR and TsK Profsoiuza rabochikh geologorazvedochnykh rabot [Ministry of the Geology and Conservation of Mineral Resources of the U.S.S.R. and the Central Committee of the Trade Union of Workers Employed in Geological Prospecting]. Moscow, vol. 28, no. 10, Oct. 1962.

RAZVEDOCHNAIA I PROMYSLOVAIA GEOFIZIKA [PROSPECTING AND INDUSTRIAL GEOPHYSICS]. Issued by Vsesoiuznyi nauchno-issledovatel'skii institut geofizicheskikh metodov razvedki [All-Union Scientific Research Institute of Geophysical Methods of Prospecting]. Moscow, no. 45, 1962.

REFERATIVNYI ZHURNAL: GORNOE DELO [JOURNAL OF ABSTRACTS: MINING]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 11, Nov. 1962. Predmetnyi ukazatel' za 1961 g. [Subject Index for 1961]

*REFERATIVNYI ZHURNAL: METALLURGIIA [JOURNAL OF ABSTRACTS. METALLURGY]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 11, Nov. 1962.

RUSSIA (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii, geologiia i razvedka [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning, Geology and Prospecting]. Moscow, vol. 5, no. 8, Aug. 1962.

RUSSIA (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii, gornyi zhurnal [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Mining Journal]. Moscow, vol. 5, nos. 9-10, 1962.

RUSSIA (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii, tsvetnaia metallurgiia [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning, Nonferrous Metallurgy]. Moscow, vol. 5, no. 3, 1962.

SOVETSKII SHAKHTER [SOVIET MINER]. Issued by TSentral'nyi komitet Profsoiuza rabochikh ugol'noi promyshlennosti SSSR [Central Committee of the Trade Union of Workers of the Coal Industry of the U.S.S.R.]. Moscow, vol. 11, no. 11, Nov. 1962.

*STAL' [STEEL]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po chernoi i tsvetnoi metallurgii [State Committee of the Council of Ministers of the U.S.S.R. for Ferrous and Nonferrous Metallurgy] and others. Moscow, vol. 22, nos. 9, 11, Sep., Nov., 1962.

STROITEL'STVO TRUBOPROVODOV [PIPELINE CONSTRUCTION]. Issued by Glavnoe upravlenie gazovoi promyshlennosti pri Sovete Ministrov SSSR [Main Administration of the Gas Industry, Attached to the Council of Ministers of the U.S.S.R.]. Moscow, vol. 7, nos. 9-10, Sep.-Oct. 1962.

*TSVETNYE METALLY [NONFERROUS METALS] Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po chernoi i tsvetnoi metallurgii [State Committee of the Council of Ministers of the U.S.S.R. for Ferrous and Nonferrous Metallurgy] and others Moscow, vol. 35, nos. 7, 11, July, Nov. 1962

UGOL' UKRAINY [COAL OF THE UKRAINE]. Issued by Gosudarstvennyi komitet Soveta Ministrov USSR po koordinatsii nauchno-issledovatel'skikh rabot [State Committee of the Council of Ministers of the Ukrainian S.S.R. for the Coordination of Research]. Kiev, vol. 6, nos. 5, 8, May, Aug 1962.

UGOL'NAIA PROMYSHLENNOST' [COAL INDUSTRY]. Issued by Institut tekhnicheskoi informatsii Gosudarstvennogo komiteta Soveta Ministrov USSR po koordinatsii nauchno-issledovatel'skikh rabot [Institute of Technical Information of the State Committee of the Council of Ministers of the Ukrainian S.S.R. for the Coordination of Research]. Kiev, no. 5(18), Sep.-Oct. 1962.

VSESOIUZNYI NEFTEGAZOVYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT. Krasnodarskii filial Trudy [ALL-UNION SCIENTIFIC RESEARCH INSTITUTE OF PETROLEUM AND NATURAL GAS. Krasnodar Branch. Transactions]. Moscow, no. 10, 1962.

VSESOIUZNYI NEFTEGAZOVYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT. Trudy [ALL-UNION SCIENTIFIC RESEARCH INSTITUTE OF PETROLEUM AND NATURAL GAS. Transactions]. Moscow, no. 36, 1962.

*ZAVODSKAIA LABORATORIIA [THE FACTORY LABORATORY] Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po chernoi i tsvetnoi metallurgii and Gosudarstvennyi komitet Soveta Ministrov SSSR po koordinatsii nauchno-issledovatel'skikh rabot [State Committee of the Council of Ministers of the U.S.S.R. for Ferrous and Nonferrous Metallurgy and the State Committee of the Council of Ministers of the U.S.S.R. for the Coordination of Research]. Moscow, vol. 28, nos. 8, 11, 1962.

17. MILITARY & NAVAL SCIENCES

a. MILITARY SCIENCE

STARSHINA - SERZHANT [NONCOMMISSIONED OFFICERS]. Issued by Ministerstvo oborony SSSR [Ministry of Defense of the U.S.S.R.]. Moscow, no. 9(24), Sep. 1962.

VESTNIK PERVOPOKHODNIKA [HERALD OF THE FIRST CAMPAIGN VETERANS]. Issued by Pravlenie Kalifornliskogo obshchestva uchastnikov I-go Kubanskogo generala Kornilovapokhoda [Administration of the California Association of Veterans of General Kornilov's First Kuban Campaign]. Los Angeles, no. 14, Nov. 1962.

VESTNIK VOZDUSHNOGO FLOTA [REVIEW OF THE AIR FORCE]. Issued by Upravlenie Voenno-Vozdushnykh Sil [Administration of the Air Force]. Moscow, vol. 36, no. 2, 1954.

VISTI KOMDATANTA. VETERANS' NEWS. Issued by United Ukrainian War Veterans in America and others. New York, no. 3/4(7-8), 1962.

VOENNYE ZNANIIA [MILITARY KNOWLEDGE]. Organ of Vsesoiuznoe dobrovol'noe obshchestvo sodeistviia armii, aviatsii i flotu [All-Union Volunteer Society for Assistance to the Army, Air Force, and Navy]. Moscow, vol. 38, no. 11, Nov. 1962.

VOENNYI VESTNIK [MILITARY REVIEW]. Organ of Ministerstvo oborony SSSR [Ministry of Defense of the U.S.S.R.]. Moscow, vol. 42, no. 5, May 1962.

b. NAVAL SCIENCE

LENINGRAD. TSENTRAL'NYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT MORSKOGO FLOTA. Trudy [CENTRAL SCIENTIFIC RESEARCH INSTITUTE OF THE MERCHANT MARINE. Transactions]. No. 29, 1960.

RECHNOI TRANSPORT [INLAND WATER TRANSPORTATION]. Issued by Ministerstvo rechnogo flota [Ministry of the River Fleet]. Moscow, vol. 21, no. 11, Nov. 1962.

REFERATIVNYI ZHURNAL: VODNYI TRANSPORT [JOURNAL OF ABSTRACTS: WATER TRANSPORTATION]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 12, Dec. 1962. [This journal is also issued in parts.]

PART C

List of Periodicals Indexed and Abbreviations Used

† Titles listed for the first time

Agitator (6)	Agitator [Agitator]
Agrobiologiia (15a)	Agrobiologiia [Agrobiology]
Akush.i gin. (14b)	Akusherstvo i ginekologiia [Obstetrics and Gynecology]
Akust. zhur. (13f)	Akusticheskii zhurnal [Journal of Acoustics]
Annot.ukaz.lit. po radioelek. (16e)	Annotirovannyi ukazatel' literatury po radioelektronike [Annotated Bibliography on Electronics]
Arkhit.SSSR (10b)	Arkhitektura SSSR [Architecture of the U.S.S.R.]
Astron. zhur (13b)	Astronomicheskii zhurnal [Journal of Astronomy]
Atom. energ (16e)	Atomnaia energiia [Atomic Energy]
Av i kosm. (16b)	Aviatsiia i kosmonavtika [Aviation and Astronautics]
Avt. transp. (16g)	Avtomobil'nyi transport [Automotive Transportation]
Avtom. i telem. (16e)	Avtomatika i telemekhanika [Automatic and Remote Control]
Avtom reg. aviadvig. (16b)	Avtomaticheskoe regulirovanie aviadvigatelei [Automatic Control of Airplane Engines]
Avtom.svar. (16f)	Akademiia nauk URSR, Kiev. Institut elektrozvarivaniia. Avtomaticheskaia svarka [Academy of Sciences of the Ukrainian S.S.R. Institute of Electric Welding. Automatic Welding]
Avtom.,telem.i sviaz' (16e)	Avtomatika, telemekhanika i sviaz' [Automatic Control, Remote Control, and Communications]
Avtomatyka (16e)	Avtomatyka [Automatic Control]
Bet.i zhel.-bet. (16d)	Beton i zhelezobeton [Concrete and Reinforced Concrete]
Bezop.truda v prom (16a)	Bezopasnost' truda v promyshlennosti [Industrial Safety]
Bibliotekar' (2b)	Bibliotekar' [The Librarian]
Biofizika (13c)	Biofizika [Biophysics]
Biokhimiia (13c)	Biokhimiia [Biochemistry]
Biul. eksp. biol. i med. (14a)	Biulleten' eksperimental'noi biologii i meditsiny [Bulletin of Experimental Biology and Medicine]
Biul.inostr.kom. inform. (5a)	† Biulleten' inostrannoi kommercheskoi informatsii [Bulletin of Foreign Commercial Information]
Biul.Ispol.kom, Mosk.gor.sov. (6)	Moscow. Ispolnitel'nyi komitet. Biulleten' [Executive Committee. Bulletin]
Biul.izobr. (16a)	Biulleten' izobretenii [Bulletin on Inventions]
Biul.Kom.po opr. abs.vozr geol. form. (12c)	Akademiia nauk SSSR. Komissiia po opredeleniiu absolutnogo vozrasta geologicheskikh formatsii. Biulleten' [Academy of Sciences of the U.S.S.R. Commission on Determination of the Absolute Age of Geological Formations. Bulletin]
Biul.MOIP.Otd. biol. (13c)	Moskovskoe obshchestvo ispytatelei prirody. Biulleten', Otdel biologicheskii [Moscow Naturalists' Society. Bulletin. Biological Section]
Biul.stroit.tekh. (16d)	Biulleten' stroitel'noi tekhniki [Bulletin of Construction Engineering]
Biul.tekh.-ekon. inform.Gos. nauch.-issl. inst.nauch.i tekh.inform. (16a)	Moscow. Gosudarstvennyi nauchno-issledovatel'skii institut nauchnoi i tekhnicheskoi informatsii. Biulleten' tekhniko-ekonomicheskoi informatsii. [State Scientific Research Institute of Technical and Economic Information. Bulletin of Technical and Economic Information]
Biul.VAGO (13b)	Vsesoiuznoe astronomo-geodezicheskoe obshchestvo. Biulleten' [All-Union Astronomical-Geodetic Society. Bulletin]
Biul.Vulk.sta. (12c)	Akademiia nauk SSSR. Kamchatskaia vulkanologicheskaia stantsiia. Biulleten' Vulkanologicheskoi stantsii [Academy of Sciences of the U.S.S.R. Kamchatka Volcanic Station. Bulletin of the Volcanic Station]
Blok.agit.,[for Ukr.] (6)	Bloknot agitatora [The Agitator's Notebook]. For the Ukraine.
Bud.mat.i konstr. (16d)	Budivel'ni materialy i konstruktsii [Building Materials and Construction Elements]
Bukhg.uchet. (5a)	Bukhgalterskii uchet [Accounting]
Bum.prom. (16f)	Bumazhnaia promyshlennost' [Paper Industry]
Dokl.AN SSSR (13a)	Akademiia nauk SSSR. Doklady [Academy of Sciences of the U.S.S.R. Reports]
Ekon.sel'khoz. (5b)	Ekonomika sel'skogo khoziaistva [Economics of Agriculture]
Ekon.stroi. (5b)	Ekonomika stroitel'stva [Economics of Construction]
Ekstr.; teor., prim.,app. (13d)	Ekstraktsiia; teoriia, primenenie, apparatura [Extraction; Theory, Use, Apparatus]
Elek.i tepl.tiaga (16g)	Elektricheskaia i teplovozaia tiaga [Electric and Diesel Locomotive Traction]
Elektrichestvo (16e)	Elektrichestvo [Electricity]
Elektrosviaz' (16e)	Elektrosviaz' [Telecommunication]
Energomashinostroenie (16g)	Energomashinostroenie [Power Machinery Construction]
Ent.oboz. (13c)	Entomologicheskoe obozrenie [Entomological Review]
Farm.i toks. (14f)	Farmakologiia i toksikologiia [Pharmacology and Toxicology]
Fiz.tver.tela (13f)	Fizika tverdogo tela [Solid State Physics]
Fiz.v shkole (13f)	Fizika v shkole [Physics in Schools]
Fiziol.rast. (13c)	Fiziologiia rastenii [Physiology of Plants]
Flora SSSR (13c)	Akademiia nauk SSSR. Botanicheskii institut. Flora SSSR [Academy of Sciences of the U.S.S.R. Botanical Institute. Flora of the U.S.S.R.]
Geofiz prib. (12c)	Geofizicheskoe priborostroenie [Design of Geophysical Instruments]
Geokhimiia (12c)	Geokhimiia [Geochemistry]
Geol.mest.red. elem. (12c)	Geologiia mestorozhdenii redkikh elementov [Geology of Rare-Element Deposits]
Geomag.i aer. (13f)	Geomagnetizm i aeronomiia [Geomagnetism and Aeronomy]
Gidr.i mel. (15a)	Gidrotekhnika i melioratsiia [Hydraulic Engineering and Reclamation]
Gor.zhur. (16h)	Gornyi zhurnal [Mining Journal]
Inform.biul.nov. inostr.knig, postup.v Bibl. im. V.I.Len. Ser.1 (2a)	Moscow. Publichnaia biblioteka. Informatsionnyi biulleten' novykh inostrannykh knig, postupivshikh v Biblioteku imeni V.I.Lenina. Seriia 1: Fiziko-matematicheskie, khimicheskie i geologo-geograficheskie nauki; tekhnika i tekhnicheskie nauki [Public Library. Information Bulletin of New Foreign Books, Received by the Lenin Library. Series 1. Physical Mathematical, Chemical, Geological and Geographical Sciences; Technology and Technological Sciences]
Inform.biul.nov. inostr.knig, postup.v Bibl. im. V.I.Len. Ser 2 (2a)	Moscow. Publichnaia biblioteka. Informatsionnyi biulleten' novykh inostrannykh knig, postupivshikh v Biblioteku imeni V.I.Lenina. Seriia 2: Biologicheskie, meditsinskie i sel'skokhoziaistvennye nauki [Public Library. Information Bulletin of New Foreign Books, Received by the Lenin Library. Series 2: Biological, Medical, and Agricultural Sciences]
Inform.biul.nov. inostr.knig, postup.v Bibl. im. V.I.Len. Ser.3 (2a)	Moscow. Publichnaia biblioteka. Informatsionnyi biulleten' novykh inostrannykh knig, postupivshikh v Biblioteku imeni V.I.Lenina. Seriia 3: Obshchestvennye nauki, khudozhestvennaia literatura, iskusstvo [Public Library. Information Bulletin of New Foreign Books Received by by the Lenin Library. Series 3: Social Sciences, Belles-Lettres, Art]
Inform.sbor.o rab.Geog.fak. Mosk.gos.un. po Mezhdunar. geofiz.godu (12b)	Moscow. Universitet. Geograficheskii fakul'tet. Informatsionnyi sbornik o rabotakh po Mezhdunarodnomu geofizicheskomu godu [University. Geographical Faculty. Information Bulletin on the Work for the International Geophysical Year]
Inform.sbor. VSEGEI (12c)	Leningrad. Vsesoiuznyi geologicheskii institut. Informatsionnyi sbornik [All-Union Geological Institute. Information Bulletin]
Inform.ukaz.bibl. spis.i kart. (2a)	Informatsionnyi ukazatel' bibliograficheskikh spiskov i kartotek, sostavlennykh bibliotekami Sovetskogo Soiuza [Information Index of Bibliographical Lists and Card Files. Compiled by the Libraries of the Soviet Union]
Inostr.iaz.v shkole (11a)	Inostrannye iazyki v shkole [Foreign Languages in Schools]
Inzh.-fiz.zhur. (16a)	Inzhenerno-fizicheskii zhurnal [Journal of Engineering Physics]

...sput Zem (13f)	Iskusstvennye sputniki Zemli [Artificial Earth Satellites]
Ist. arkh. (4a)	Istoricheskii arkhiv [Historical Archives]
Ist SSSR (4a)	Istoriia SSSR [History of the U.S.S.R.]
IUn nat (13c)	IUnyi naturalist [Young Naturalist]
Izm tekh (16a)	Izmeritel'naia tekhnika [Measurement Techniques]
Izv AN Arm. SSR. Biol. nauki (13c)	Akademiia nauk Armianskoi SSR, Erivan. Izvestiia Biologicheskie nauki [Academy of Sciences of the Armenian S.S.R. Bulletin Biological Sciences]
Izv AN Arm SSR Khim. nauki (13d)	Akademiia nauk Armianskoi SSR, Erivan. Izvestiia. Khimicheskie nauki [Academy of Sciences of the Armenian S S R Bulletin. Chemical Sciences]
Izv AN Arm SSR Obshchestv nauki (1a)	Akademiia nauk Armianskoi SSR, Erivan Izvestiia Obshchestvennye nauki [Academy of Sciences of the Armenian S S R Bulletin Social Sciences]. In Russian and Armenian.
Izv AN Arm. SSR. Ser. fiz. -mat. nauk (13a)	Akademiia nauk Armianskoi SSR, Erivan. Izvestiia. Seriia fiziko-matematicheskikh nauk [Academy of Sciences of the Armenian S.S.R. Bulletin. Series in Physical and Mathematical Sciences]
Izv. AN Azerb. SSR. Ser. obshchestv. nauk (1a)	Akademiia nauk Azerbaidzhanskoi SSR, Baku. Izvestiia. Seriia obshchestvennykh nauk [Academy of Sciences of the Azerbaijan S.S.R. Bulletin. Series in the Social Sciences]
Izv. AN Kazakh. SSR. Ser. ist., arkheol. i etn. (4a)	Akademiia nauk Kazakhskoi SSR, Alma-Ata. Izvestiia. Seriia istorii, arkheologii i etnografii [Academy of Sciences of the Kazakh S.S.R. Bulletin. Series in History, Archaeology, and Ethnography]
Izv AN Kir SSR Ser. biol nauk (13c)	Akademiia nauk Kirgizskoi SSR, Frunze. Izvestiia Seriia biologicheskikh nauk [Academy of Sciences of the Kirghiz S S R Bulletin. Series in Biological Sciences]
Izv. AN Kir. SSR Ser. est. i tekh nauk (1a)	Akademiia nauk Kirgizskoi SSR, Frunze. Izvestiia Seriia estestvennykh i tekhnicheskikh nauk [Academy of Sciences of the Kirghiz S.S.R. Bulletin Series in the Natural and Technological Sciences]
Izv. AN Kir. SSR. Ser. obshchestv. nauk (1a)	Akademiia nauk Kirgizskoi SSR, Frunze. Izvestiia. Seriia obshchestvennykh nauk [Academy of Sciences of the Kirghiz S S R Bulletin. Series in the Social Sciences]
Izv. AN Latv. SSR (1a)	Latvijas Padomju Socialistiskas Republikas Zinatnu akademija. Vestis. Izvestiia Akademii nauk Latviiskoi SSR [Academy of Sciences of the Latvian S.S.R. Bulletin]
Izv. AN SSSR Otd. tekh. nauk Energ i avtom. (16a)	Akademiia nauk SSSR Izvestiia Otdelenie tekhnicheskikh nauk Energetika i avtomatika [Academy of Sciences of the U S.S.R Bulletin. Department of Technological Sciences. Power Engineering and Automatic Control]
Izv. AN SSSR, Ser. fiz. (13f)	Akademiia nauk SSSR. Izvestiia. Seriia fizicheskaia [Academy of Sciences of the U.S.S.R. Bulletin. Physical Series]
Izv. AN SSSR Ser. geofiz. (13f)	Akademiia nauk SSSR. Izvestiia. Seriia geofizicheskaia [Academy of Sciences of the U.S.S.R. Bulletin. Geophysical Series]
Izv. AN Turk. SSR Ser. biol. nauk (13c)	Akademiia nauk Turkmenskoi SSR, Ashkhabad. Izvestiia. Seriia biologicheskikh nauk [Academy of Sciences of the Turkmen S.S.R. Bulletin. Series in the Biological Sciences]
Izv. AN Uz. SSR. Ser. fiz. -mat. nauk (13f)	Akademi'a nauk Uzbekskoi SSR, Tashkent. Izvestiia. Seriia fiziko-matematicheskikh nauk (Academy of Sciences of the Uzbek S.S.R. Bulletin. Series in Physical and Mathematical Sciences]
Izv. ASIA (16d)	Akademiia stroitel'stva i arkhitektury SSSR. Izvestiia [Academy of Construction and Architecture of the U.S.S.R. Bulletin]
Izv. Glav. astron. obser. AN URSR (13b)	Akademiia nauk URSR, Kiev. Holovna astronomichna observatoriia. Izvestiia [Academy of Sciences of the Ukrainian S.S.R. Main Astronomical Observatory]
[illegible]	'. Upravlenie sel'skokhoziaistvennoi nauki [nistration of Agricultural Science Bul-
	iestvo SSSR. Voronezhskii otdel. cal Society of the U S.S.R. Voronezh in]
	) Ministerstvo vysshego i srednego vaniia. Izvestiia vysshikh uchebnaia metallurgiia [Ministry of Specialized Education. Bulletin Higher Learning, Ferrous Metallurgy]
	?.) Ministerstvo vysshego i srednego vaniia. Izvestiia vysshikh uchebnykh hanika [Ministry of Higher and Education. Bulletin of the Insti- rning, Electrical Machinery and
	R.) Ministerstvo vysshego i srednego vaniia. Izvestiia vysshikh uchebnykh [Ministry of Higher and Secondary . Bulletin of the Institutions of ver Engineering]
	?.) Ministerstvo vysshego i o obrazovaniia. Izvestiia vysshikh geologiia i razvedka [Ministry of Specialized Education, Bulletin igher Learning; Geology and

Izv. vys. ucheb. zav. ,gor. zhur. (16h)	Russia (1923- U.S.S.R.) Ministerstvo [illegible] spetsial'nogo obrazovaniia. Izvestiia [illegible] zavedenii; gornyi zhurnal [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Mining Journal]
Izv. vys. ucheb. zav., mashinostr. (16g)	Russia (1923- U.S.S.R.) Ministerstvo [illegible] spetsial'nogo obrazovaniia. Izvestiia vysshikh [illegible] zavedenii, mashinostroenie [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Machine Building]
Izv. vys. ucheb. zav., pishch. tekh (16c)	Russia (1923- U.S.S.R.) Ministerstvo [illegible] spetsial'nogo obrazovaniia. Izvestiia [illegible] zavedenii, pishchevaia tekhnologiia [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning, Food Technology]
Izv. vys. ucheb. zav., prav. (7)	Russia (1923- U.S.S.R.) Ministerstvo [illegible] spetsial'nogo obrazovaniia. Izvestiia vysshikh zavedenii, pravovedenie [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning, Jurisprudence]
Izv. vys. ucheb. zav., radiotekh. (16e)	Russia (1923- U.S.S.R.) Ministerstvo [illegible] spetsial'nogo obrazovaniia. Izvestiia vysshikh [illegible] zavedenii; radiotekhnika [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning, Radio Engineering]
Izv vys. ucheb. zav., tekh. tekst. prom. (16f)	Russia (1923- U.S.S.R.) Ministerstvo [illegible] spetsial'nogo obrazovaniia. Izvestiia vysshikh [illegible] zavedenii; tekhnologiia tekstil'noi promyshlennosti [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning, Technology of the Textile Industry]
Izv. vys. ucheb. zav.; tsvet. met. (16h)	Russia (1923- U.S.S.R.) Ministerstvo [illegible] spetsial'nogo obrazovaniia. Izvestiia vysshikh [illegible] zavedenii; tsvetnaia metallurgiia [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Nonferrous Metallurgy]
Kat. karp. zemletrus. (12c)	Katalog karpatskikh zemletrusov [Catalog of Carpathian Earthquakes]
Kauch. i rez. (16c)	Kauchuk i rezina [Crude and Vulcanized Rubber]
Khim i tekh polim. (16c)	Khimiia i tekhnologiia polimerov, sbornik perevodov inostrannoi periodicheskoi literatury [Chemistry and Technology of Polymers, Translations from Foreign Periodical Literature]
Khim. i tekh. topl. i masel (16c)	Khimiia i tekhnologiia topliv i masel [Chemistry and Technology of Fuel and Oil]
Khim. prom. (16c)	Khimicheskaia promyshlennost' [Chemical Industry]
Khim. volok. (16c)	Khimicheskie volokna [Synthetic Fibers]
Khirurgiia (14h)	Khirurgiia [Surgery]
Khleb. i kond. prom. (16f)	Khlebopekarnaia i konditerskaia promyshlennost' [Bakery and Confectionery Industry]
Kin. i kat. (13d)	Kinetika i kataliz [Kinetics and Catalysis]
Klin. khir. (14h)	Klinicheskaia khirurgiia [Clinical Surgery]
Knizh. let. (2a)	Knizhnaia letopis' [Book Chronicle]
Komm. Bel. (6)	Kommunist Belorussii [Communist of White Russia]
Komm. Mold. (6)	Kommunist Moldavii [Communist of Moldavia]
Komm. Ukr. (6)	Kommunist Ukrainy [Communist of the Ukraine]
Komm. Uz. (6)	Kommunist Uzbekistana [Communist of Uzbekistan]
Kommunist (6)	Kommunist [Communist]
Kons i ov. prom. (16c)	Konservnaia i ovoshchesushil'naia promyshlennost' [Fruit Canning and Dehydrated Vegetable Industry]
Kor. tsem. i mery bor'by s nei (16d)	Korrozila tsementov i mery bor'by s nei [Corrosion of Cements and Measures for its Control]
Kozh.-obuv. prom. (16f)	Kozhevenno-obuvnaia promyshlennost' [Leather and Footwear Industry]
Krat. soob. Inst. arkheol. (4b)	Akademiia nauk SSSR. Institut arkheologii. Kratkie soobshcheniia o dokladakh i polevykh issledovaniiakh [Academy of Sciences of the U.S.S.R. Institute of Archaeology. Brief Summaries of Reports and Field Explorations]
Krat. soob. Inst. etn. (12a)	Akademiia nauk SSSR. Institut etnografii. Kratkie soobshcheniia [Academy of Sciences of the U.S.S.R. Institute of Ethnography. Brief Reports]
Krat. soob. Inst. nar. Az. (4a)	Akademiia nauk SSSR. Institut narodov Azii. Kratkie soobshcheniia [Academy of Sciences of the U.S.S.R. Institute of the Peoples of Asia. Brief reports]
Kristallografiia (13f)	Kristallografiia [Crystallography]
Kuz.-shtam. proizv. (16g)	Kuznechno-shtampovochnoe proizvodstvo [Forging and Stamping]
Let. gazet. st. (2a)	Letopis' gazetnykh statei [Chronicle of Newspaper Articles]
Let. muz. lit. (9b)	Letopis' muzykal'noi literatury [Chronicle of Musical Literature]
Let. zhur. st. (2a)	Letopis' zhurnal'nykh statei [Chronicle of Periodical Articles]
Lit. i isk. nar. SSSR i zarub. stran (11b)	Literatura i iskusstvo narodov SSSR i zarubezhnykh stran [Literature and Art of the Peoples of the U.S.S.R. and Foreign Countries]
Lit. proizv. (16h)	Liteinoe proizvodstvo [Foundry Practice]

Masl.-zhir.prom. (16c)	Maslobolno-zhirovaia promyshlennost' [Oils and Fats Industry]
Mat. i issl po arkheol. SSSR (4b)	Materialy i issledovaniia po arkheologii SSSR [Materials and Research in the Archaeology of the U. S. S R.]
Mat. i soob Issl. otd Inst. po izuch SSSR (4a)	Institut zur Erforschung der UdSSR. Materialy i soobshchenila Issledovatel'skogo otdela [Institute for the Study of the U. S S R. Materials and Reports of the Research Department]
Mat po geol. i pol iskop Sev.-Vost Evrop. chasti SSSR (12c)	Materialy po geologii i poleznym iskopaemym Severo-Vostoka Evropeiskoi chasti SSSR [Materials on the Geology and Mineral Resources of the Northeast of the European Part of the U S S R.]
Mat. po geol. Tian'-Shania (12c)	Materialy po geologii Tian'-Shania [Materials of the geology of Tien Shan]
Mat. sbor. (13e)	Matematicheskii sbornik [Mathematical Review]
Mat v shkole (13e)	Matematika v shkole [Mathematics in Schools]
Mat. z antr. Ukr. (12a)	Materialy z antropologii Ukrainy [Materials on the Anthropology of the Ukraine]
Matematika (13e)	Matematika, periodicheskii sbornik perevodov inostrannykh statei [Mathematics, Translations of Foreign Articles]
Med. rad. (14a)	Meditsinskaia radiologiia [Medical Radiology]
Med. ref. zhur. (14a)	Meditsinskii referativnyi zhurnal [Medical Abstracts]
Mekh. stroi. (16d)	Mekhanizatsiia stroitel'stva [Mechanization of Construction]
Met. i gornorud. prom. (16h)	Metallurgicheskaia i gornorudnaia promyshlennost' [Metallurgical, Mining, and Ore Dressing Industries]
Metalloved i term. obr. met. (16h)	Metallovedenie i termicheskaia obrabotka metallov [Metals and Heat Treatment of Metals]
Mezhdunar. zhizn' (6)	Mezhdunarodnaia zhizn' [International Life]
Nach. shkola (8a)	Nachal'naia shkola [Primary School]
Nar. asv. (8a)	Narodnaia asveta [Public Education]
Nar. Az-i Afr. (4a)	Narody Azii i Afriki, istoriia, ekonomika, kul'tura [Peoples of Asia and Africa, History, Economics, Culture]
Nar. khoz. Kazakh. (5b)	Narodnoe khoziaistvo Kazakhstana [The National Economy of Kazakhstan]
Nar. khoz. Uzb. (5b)	Narodnoe khoziaistvo Uzbekistana [The National Economy of Uzbekistan]
Nar. obr. (8a)	Narodnoe obrazovanie [Public Education]
Nauch. dokl. vys. shkoly; ekon. nauki (5b)	Russia (1923- U. S. S. R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Nauchnye doklady vysshei shkoly; ekonomicheskie nauki [Ministry of Higher and Secondary Specialized Education. Research Papers of Higher Schools; Economics]
Nauch. dokl. vys. shkoly; filos. nauki (3a)	Russia (1923- U. S. S. R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Nauchnye doklady vysshei shkoly; filosofskie nauki [Ministry of Higher and Secondary Specialized Education. Research Papers of Higher Schools; Philosophical Sciences]
Nauch. rab. i soob. Otd. obshchestv. nauk AN Uz. SSR (1a)	Akademiia nauk Uzbekskoi SSR, Tashkent. Otdelenie obshchestvennykh nauk. Nauchnye raboty i soobshchenila [Academy of Sciences of the Uzbek S. S. R. Department of Social Sciences. Studies and Reports]
Nauch. trudy VNIIPodzemgaza (10h)	ǂ Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut podzemnoi gazifikatsii uglei. Nauchnye trudy [All-Union Scientific Research Institute of Underground Coal Gasification. Studies]
Nauk. pratsi Ukr. nauk.-dosl. inst. ptakh. (15b)	Kiev. Ukrains'kyi naukovo-doslidnyi instytut ptakhivnytstva. Naukovi pratsi [Ukrainian Scientific Research Institute of Poultry Raising Studies]
Nauk. pratsi Ukr. nauk.-dosl. inst. sad. (15d)	ǂ Kiev. Ukrains'kyi naukovo-doslidnyi instytut sadivnytstva. Naukovi pratsi [Ukrainian Scientific Research Institute of Horticulture. Studies]
Nauka i rel. (3b)	Nauka i religiia [Science and Religion]
Nauka i zhizn' (13a)	Nauka i zhizn' [Science and Life]
Neftianik (16h)	Neftianik [The Petroleum Worker]
Nov. inostr ekon. lit. (5b)	Novaia inostrannaia ekonomicheskaia literatura [New Foreign Economic Literature]
Nov. inostr. knigi, postup. v sist. Bibl. AN SSSR (2a)	Akademiia nauk SSSR. Biblioteka. Novye inostrannye knigi, postupivshie v sistemu bibliioteki [Academy of Sciences of the U.S.S.R. Library. New Foreign Books Received by the Library System]
Nov. inostr. lit. po filos. (3a)	Novaia inostrannaia literatura po filosofii [New Foreign Literature on Philosophy]
Nov. inostr. lit. po iaz. (11a)	Novaia inostrannaia literatura po iazykoznaniiu [New Foreign Literature in Linguistics]
Nov. inostr. lit. po lit. (11b)	Novaia inostrannaia literatura po literaturovedeniiu [New Foreign Literature on the Study of Literature]
Nov. knigi (2a)	Novye knigi [New Books]
Nov. knigi za rub. Ser. A (13a)	Novye knigi za rubezhom. Seriia A. Matematika, mekhanika, astronomiia, fizika, geofizika, khimiia, geologiia [New Foreign Books. Series A: Mathematics, Mechanics, Astronomy, Physics, Geophysics, Chemistry, Geology]
Nov. knigi za rub. Ser. B (16a)	Novye knigi za rubezhom. Seriia B: Tekhnika [New Foreign Books. Series B: Technology]
Nov. knigi za rub. Ser. V (2a)	Novye knigi za rubezhom. Seriia V: Biologiia, meditsina, sel'skoe khoziaistvo [New Foreign Books. Series V: Biology, Medicine, Agriculture]
Nov. knigi za rub. po obshchestv. naukam; ekon., filos., ist., mezhdunar. otn. (2a)	Novye knigi za rubezhom po obshchestvennym naukam; ekonomika, filosofiia, istoriia, mezhdunarodnye otnosheniia [New Foreign Books on the Social Sciences; Economics, Philosophy, History, International Relations]
Nov. lit. o nauke i nauch.-issl. rab. za rub. (2a)	Novaia literatura o nauke i nauchno-issledovatel'skoi rabote za rubezhom [New Literature on Science and Research Abroad]
Nov. lit. po Chekh (2a)	Novaia literatura po Chekhoslovakii [New Literature on Czechoslovakia]
Nov. lit. po Ger. Dem. Resp. (2a)	ǂ Novaia literatura po Germanskoi Demokraticheskoi Respublike [New Literature on the German Democratic Republic]
Nov. lit. po IUg. (2a)	Novaia literatura po IUgoslavii [New Literature on Yugoslavia]
Nov. lit. po Rum. (2a)	Novaia literatura po Rumynii [New Literature on Rumania]
Nov. lit. po Veng. (2a)	Novaia literatura po Vengrii [New Literature on Hungary]
Nov sov ekon. lit (5b)	Novaia sovetskaia ekonomicheskaia literatura [New Soviet Economic Literature]
Nov. sov. i inostr. lit. po stran. zarub. Vost. (2a)	Novaia sovetskaia i inostrannaia literatura po stranam zarubezhnogo Vostoka [New Soviet and Foreign Literature on the Countries of the Non-Soviet East]
Nov. sov. i inostr. lit. po vop. rel i ateiz. (3b)	Novaia sovetskaia i inostrannaia literatura po voprosam religii i ateizma [New Soviet and Foreign Literature on the Problems of Religion and Atheism]
Nov sov. lit. po filos (3a)	Novaia sovetskaia literatura po filosofii [New Soviet Literature on Philosophy]
Nov sov. lit. po iaz. (11a)	Novaia sovetskaia literatura po iazykoznaniiu [New Soviet Literature in Linguistics]
Nov. sov. lit. po ist., arkheol. i etn. (4a)	Novaia sovetskaia literatura po istorii, arkheologii i etnografii [New Soviet Literature on History, Archaeology, and Ethnography]
Nov. sov. lit. po lit. (11b)	Novaia sovetskaia literatura po literaturovedeniiu [New Soviet Literature on the Study of Literature]
Nov. tov. (5a)	Novye tovary; informatsionnyi biulleten' [New Consumer Goods; Information Bulletin]
Nov. vrem. (6)	Novoe vremia [New Times]
Obshchestv. nauki v Uz. (1a)	Obshchestvennye nauki v Uzbekistane [Social Sciences in Uzbekistan]
Obshchestv. pit. (16f)	Obshchestvennoe pitanie [Public Food Service]
Och. po sovr. sov. i zarub. ekon. (5b)	Ocherki po sovremennoi sovetskoi i zarubezhnoi ekonomike [Studies on Contemporary Soviet and Foreign Economics]
Ogneupory (16h)	Ogneupory [Refractories]
Ogonek (1b)	Ogonek [The Little Light]
Okeanologiia (13b)	Okeanologiia [Oceanology]
Okhr. truda i sots strakh. (5d)	Okhrana truda i sotsial'noe strakhovanie [Protection of Labor and Social Insurance]
Oktiabr' (11b)	Oktiabr' [October]
Opr. po faune (13c)	Opredeliteli po faune SSSR [Guides to the Fauna of the U. S. S. R.]
Opt. i spektr. (13f)	Optika i spektroskopiia [Optics and Spectroscopy]
Ortop., travm. i protez. (14h)	Ortopediia, travmatologiia i protezirovanie [Orthopedics, Traumatology, and Prosthesis]
Part. zhizn' Kazakh. (6)	Partiinaia zhizn' Kazakhstana [Party Life in Kazakhstan]
Plan. khoz. (5b)	Planovoe khoziaistvo [Planned Economy]
Plast. massy (16c)	Plasticheskie massy [Plastics]
Pochvovedenie (15a)	Pochvovedenie [Soil Science]
Porosh. met. (16h)	Poroshkovaia metallurgiia [Powder Metallurgy]
Pozh. delo (16d)	Pozharnoe delo [Fire Fighting]
Prep. ist. v shkole (4a)	Prepodavanie istorii v shkole [Teaching History in Schools]
Priroda (13a)	Priroda [Nature]
Probl. endok. i gorm. (14a)	Problemy endokrinologii i gormonoterapii [Problems of Endocrinology and Hormone Therapy]
Probl. fiz. khim. (13d)	Moscow. Fiziko-khimicheskii institut. Problemy fizicheskoi khimii [Physical Chemistry Institute. Problems of Physical Chemistry]
Probl. gemat. i perel. krovi (14e)	Problemy gematologii i perelivaniia krovi [Problems of Hematology and Blood Transfusion]
Prof.-tekh. obr. (16a)	Professional'no-tekhnicheskoe obrazovanie [Vocational Technical Education]
Prom. Arm. (16a)	Promyshlennost' Armenii [Industry of Armenia]
Prom. stroi. (16d)	Promyshlennoe stroitel'stvo [Industrial Construction]
Prom. stroi. i inzh. soor. (16d)	Promyshlennoe stroitel'stvo i inzhenernye sooruzheniia [Industrial Construction and Engineering Structures]
Rab. i sial. (5d)	Rabotnitsa i sialianka [The Woman Worker and the Peasant Woman]
Rad. pravo (7)	Radians'koe pravo [Soviet Law]

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Rad. shk. (8a)	Radians'ka shkola [Soviet School]
Radiokhimiia (13d)	Radiokhimiia [Radiochemistry]
Radiotekh. i elektron. (16e)	Radiotekhnika i elektronika [Radio Engineering and Electronics]
Radiotekhnika (16e)	Radiotekhnika [Radio Engineering]
Razved. i okh. nedr (16h)	Razvedka i okhrana nedr [Prospecting and Conservation of Mineral Resources]
Razved. i prom. geofiz. (16h)	Razvedochnaia i promyslovaia geofizika [Prospecting and Industrial Geophysics]
Rech. transp. (17b)	Rechnoi transport [Inland Water Transportation]
Ref. sbor.: Ekon. prom. (5b)	Referativnyi sbornik: Ekonomika promyshlennosti [Journal of Abstracts: Economics of Industry]
Ref. zhur. Avt. i gor. transp. (16g)	Referativnyi zhurnal: Avtomobil'nyi i gorodskoi transport [Journal of Abstracts: Automotive and City Transportation]
Ref. zhur.: Avtom. i radioelektr. (16e)	Referativnyi zhurnal: Avtomatika i radioelektronika [Journal of Abstracts: Automatic Control and Radio Electronics]
Ref. zhur.: Biol. (13c)	Referativnyi zhurnal: Biologiia [Journal of Abstracts: Biology]
Ref. zhur.: Elektrotekh. i energ. (16e)	Referativnyi zhurnal: Elektrotekhnika i energetika [Journal of Abstracts: Electrical Engineering and Electric Power]
Ref. zhur.: Geofiz. (13f)	Referativnyi zhurnal: Geofizika [Journal of Abstracts: Geophysics]
Ref. zhur.: Geog (12b)	Referativnyi zhurnal: Geografiia [Journal of Abstracts: Geography]
Ref. zhur.: Geol. (12c)	Referativnyi zhurnal, Geologiia [Journal of Abstracts: Geology]
Ref. zhur.: Gor. delo (16h)	Referativnyi zhurnal: Gornoe delo [Journal of Abstracts: Mining]
Ref. zhur.: Khim. (13d)	Referativnyi zhurnal: Khimiia [Journal of Abstracts: Chemistry]
Ref. zhur. Khim.; Biol. khim. (13c)	Referativnyi zhurnal: Khimiia; Biologicheskaia khimiia [Journal of Abstracts: Chemistry; Biological Chemistry]
Ref. zhur.: Leg. prom. (16f)	Referativnyi zhurnal: Legkaia promyshlennost' [Journal of Abstracts: Light Industry]
Ref. zhur.: Mashinostr. (16g)	Referativnyi zhurnal: Mashinostroenie [Journal of Abstracts: Machinery Manufacture]
Ref. zhur.: Mat. (13e)	Referativnyi zhurnal: Matematika [Journal of Abstracts: Mathematics]
Ref. zhur.: Mekh. (13f)	Referativnyi zhurnal: Mekhanika [Journal of Abstracts: Mechanics]
Ref. zhur.: Mpt. (18h)	Referativnyi zhurnal: Metallurgiia [Journal of Abstracts: Metallurgy]
Ref. zhur. Otd. vyp. 31 Vzaimodeis. raz. vid. transp. i kont. perev. (16g)	Referativnyi zhurnal. Otdel'nyi vypusk 31: Vzaimodeistvie raznykh vidov transporta i kontseinernye perevozki [Journal of Abstracts. Separate Issue 31: Container Shipments and the Interaction of Various Types of Transportation]
Ref. zhur. Otd. vyp. 32: Izm. tekh. (16a)	Referativnyi zhurnal. Otdel'nyi vypusk 32: Izmeritel'naia tekhnika [Journal of Abstracts. Separate Issue 32: Measurement Techniques]
Ref. zhur. Otd. vyp. 33: Kommun., byt. i torg. obor. (16g)	Referativnyi zhurnal. Otdel'nyi vypusk 33: Kommunal'noe, bytovoe i torgovoe oborudovanie [Journal of Abstracts. Separate Issue 33: Communal, Household, and Commercial Equipment]
Ref. zhur. Otd. vyp. 34: Komp. i khol. tekh. (16c)	Referativnyi zhurnal. Otdel'nyi vypusk 34: Kompressory i kholodil'naia tekhnika [Journal of Abstracts. Separate Issue 34: Compressors and Refrigeration Engineering]
Ref. zhur. Otd. vyp. 35:	Referativnyi zhurnal. Otdel'nyi vypusk 35: Kraevedenie [Journal of Abstracts. Separate Issue 35: Regional
	'nyi vypusk 36: Meditsinskaia ...cts. Separate Issue 36:
	vypusk 37: Oborudovanie ogo proizvodstva [Journal 37: Equipment and Techry]
	l vypusk 39: Pod"emno-uzhenia [Journal of Ab- Hoisting and Conveying
	vypusk 40: Pribory toch- ustanovki [Journal of]: Precision Instruments
	vypusk 41: Raketnaia iakogo poleta [Journal 41: Rocket Engineering
	vypusk 42: Silovye ustanovki rate Issue 42: Power Plants]
Ref. zhur. Otd. vyp. 43: Stroi. i dor. mashinostr. Gor. mash. (16g)	Referativnyi zhurnal. Otdel'nyi vypusk 43. Stroitel'noe i dorozhnoe mashinostroenie. Gornye mashiny [Journal of Abstracts. Separate Issue 43: Manufacture of Construction Equipment and Road Machinery, Mining Machinery]
Ref. zhur. Otd. vyp. 44: Trakt. i sel'khoz. mash. (16g)	Referativnyi zhurnal. Otdel'nyi vypusk 44: Traktory i sel'skokhoziaistvennye mashiny [Journal of Abstracts. Separate Issue 44: Tractors and Agricultural Machinery]
Ref. zhur. Otd. vyp. 45: Trub. transp. (16g)	Referativnyi zhurnal. Otdel'nyi vypusk 45: Truboprovodnyi transport [Journal of Abstracts. Separate Issue 45: Pipeline Transportation]
Ref. zhur. Otd. vyp. 46: Foto-kinoapp. i opt. prib. (16g)	Referativnyi zhurnal. Otdel'nyi vypusk 46: Foto-kinoapparatura i opticheskie pribory [Journal of Abstracts. Separate Issue 46: Photographic and Motion-Picture Equipment and Optical Instruments]
Ref. zhur. Otd. vyp. 47: Khim. mashinostr. (16c)	Referativnyi zhurnal. Otdel'nyi vypusk 47: Khimicheskoe mashinostroenie [Journal of Abstracts. Separate Issue 47: Chemical Machinery Manufacture]
Ref. zhur.: Prom. transp. (16g)	Referativnyi zhurnal: Promyshlennyi transport [Journal of Abstracts: Industrial Transportation]
Ref. zhur.: Stroi. i arkhit. (16d)	Referativnyi zhurnal: Stroitel'stvo i arkhitektura [Journal of Abstracts: Construction and Architecture]
Ref. zhur.: Vod. transp. (17b)	Referativnyi zhurnal: Vodnyi transport [Journal of Abstracts: Water Transportation]
Ref. zhur.: Vozd. transp. (16b)	Referativnyi zhurnal: Vozdushnyi transport [Journal of Abstracts. Air Transportation]
Ref. zhur.: Zhel. dor. transp. (16g)	Referativnyi zhurnal: Zheleznodorozhnyi transport [Journal of Abstracts: Railroad Transportation]
Rez. nabl. sov. isk. sput. Zem. (13b)	Akademiia nauk SSSR. Institut teoreticheskoi astronomii. Rezul'taty nabliudenii sovetskikh iskusstvennykh sputnikov Zemli [Academy of Sciences of the U.S.S.R. Institute of Theoretical Astronomy. Results of Observations of Soviet Artificial Earth Satellites]
Rus. iaz. v shkole (11a)	Russkii iazyk v shkole [Russian Language in Schools]
Ryb. khoz. (15b)	Rybnoe khoziaistvo [Fisheries]
Sbor. nauch.-issl. rab. TTI (16f)	Tashkent. Tekstil'nyi institut. Sbornik nauchno-issledovatel'skikh rabot [Textile Institute. Collection of Scientific Research Papers]
Sbor. perev. mat. iz inostr. period. lit. po vop. avt. transp. (16g)	Avtomobil'nyi transport za rubezhom; sbornik perevodnykh materialov iz inostrannoi periodicheskoi literatury po voprosam avtomobil'nogo transporta [Automotive Transportation Abroad; Translations of Foreign Periodical Literature on Problems of Automotive Transportation]
Sbor. trud. Inst. gor. dela AN URSR (16h)	Akademiia nauk URSR, Kiev. Institut hirnychoi spravy. Sbornik trudov [Academy of Sciences of the Ukrainian S.S.R. Institute of Mining. Collected Papers]
Sbor. trud. LIIZHT (16d)	Leningrad. Institut inzhenerov zheleznodorozhnogo transporta. Sbornik trudov [Institute of Railroad Transportation Engineers. Papers]
[Sbor. trud.] Nauch.-issl. inst. met. (16h)	[Nauchno-issledovatel'skii institut metallurgii. (Sbornik trudov) [Scientific Research Institute of Metallurgy. (Papers)]
Sbor. trud. TSNIICHM (16h)	Moscow. TSentral'nyi nauchno-issledovatel'skii institut chernoi metallurgii. Sbornik trudov [Central Scientific Research Institute of Ferrous Metallurgy. Papers]
Sel'. khoz. za rub.: Rast. (16d)	Sel'skoe khoziaistvo za rubezhom: Rastenievodstvo [Agriculture Abroad: Plant Culture]
Sel'. khoz. za rub.: Zhivotnovodstvo (16b)	Sel'skoe khoziaistvo za rubezhom: Zhivotnovodstvo [Agriculture Abroad: Animal Husbandry]
Sel'. mekh. (15a)	Sel'skii mekhanizator [The Rural Mechanic]
Sel'. stroi. (16d)	Sel'skoe stroitel'stvo [Rural Construction]
Sel'khoz. lit. SSSR (15a)	Sel'skokhoziaistvennaia literatura SSSR [Agricultural Literature of the U.S.S.R.]
Shkola i proizv. (8a)	Shkola i proizvodstvo [School and Production]
Sib. mat. zhur. (13e)	Sibirskii matematicheskii zhurnal [Siberian Mathematical Journal]
Sov. arkheol. (4b)	Sovetskaia arkheologiia [Soviet Archaeology]
Sov. bibl. (2a)	Sovetskaia bibliografiia [Soviet Bibliography]
Sov. etn. (12a)	Sovetskaia etnografiia [Soviet Ethnography]
Sov. foto (16c)	Sovetskoe foto [The Soviet Photograph]
Sov. geol. (12c)	Sovetskaia geologiia [Soviet Geology]
Sov. gos. i pravo (7)	Sovetskoe gosudarstvo i pravo [The Soviet State and Law]
Sov. knizh. torg. (2c)	Sovetskaia knizhnaia torgovlia [Soviet Book Trade]
Sov. med. (14a)	Sovetskaia meditsina [Soviet Medicine]
Sov. muz. (9b)	Sovetskaia muzyka [Soviet Music]
Sov. pedag. (8a)	Sovetskaia pedagogika [Soviet Pedagogy]
Sov. potreb. koop. (5b)	Sovetskaia potrebitel'skaia kooperatsiia [Soviet Consumer Cooperation]
Sov. profsoiuzy (5d)	Sovetskie profsoiuzy [Soviet Trade Unions]

Sov shakht. (15h)	Sovetskii shakhter [Soviet Miner]
Sov.torg. (5a)	Sovetskaia torgovlia [Soviet Commerce]
Sov.zdrav. (14a)	Sovetskoe zdravookhranenie [Soviet Health Service]
Sred. spets. obr. (8a)	Srednee spetsial'noe obrazovanie [Secondary Specialized Education]
Stal' (16h)	Stal' [Steel]
Stan.i instr. (16g)	Stanki i instrument [Machine Tools and Their Cutting Tools]
Starsh. — serzh. (17a)	Starshina-- serzhant [Noncommissioned Officers]
Stroi.i arkhit. (10b)	Stroitel'stvo i arkhitektura [Construction and Architecture]
Stroi.i arkhit. Len. (10b)	Stroitel'stvo i arkhitektura Leningrada [Construction and Architecture in Leningrad]
Stroi.i dor.mashinostr. (16g)	Stroitel'noe i dorozhnoe mashinostroenie [Road and Construction Machinery Building]
Stroi.mat. (10d)	Stroitel'nye materialy [Building Materials]
Stroi.mekh.i rasch.soor. (16d)	Stroitel'naia mekhanika i raschet sooruzhenii [Structural Mechanics and Construction Calculations]
Stroi.truboprov. (10h)	Stroitel'stvo truboprovodov [Pipeline Construction]
Stroitel' (10d)	Stroitel' [The Builder]
Subtrop.kul't. (15d)	Subtropicheskie kul'tury [Subtropical Crops]
Sud.-med. ekspert (14a)	Sudebno-meditsinskaia ekspertiza [Forensic Medicine Expertise]
Svar.proizv. (16f)	Svarochnoe proizvodstvo [Welding Practice]
Svod.biul.nov. inostr.knig. Ser.A (2a)	Svodnyi biulleten' novykh inostrannykh knig, postupivshikh v biblioteki SSSR. Seriia A: Estestvennye nauki, meditsina, sel'skoe khoziaistvo, tekhnika [Union List of New Foreign Books Received by the Libraries of the U.S.S.R. Series A: Natural Sciences, Medicine, Agriculture, Technology]
Svod.biul.nov. inostr.knig. Ser. B (2a)	Svodnyi biulleten' novykh inostrannykh knig, postupivshikh v biblioteki SSSR. Seriia B: Obshchestvennye nauki [Union List of New Foreign Books Received by the *Libraries of the U.S.S.R. Series B: Social Sciences*]
Tekh.kino i telev. (9a)	Tekhnika kino i televidenila [Motion-Picture and Television Engineering]
Tekst.prom. (16f)	Tekstil'naia promyshlennost' [Textile Industry]
Teor.i prak.fiz. kul't. (8b)	Teoriia i praktika fizicheskoi kul'tury [Theory and Practice of Physical Education]
Teor.veroiat.i ee prim. (13a)	Teoriia veroiatnostei i ee primeneniia [Theory of Probability and its Applications]
Torg.za rub. (5a)	Torgovlia za rubezhom [Trade Abroad]
Trudy Erev. med.inst. (14a)	†Erivan. Meditsinskii institut. Trudy [Medical Institute. Transactions]
Trudy Fiz.-tekh. inst.AN Turk. SSR (13f)	Akademiia nauk Turkmenskoi SSR, Ashkhabad. Fiziko-tekhnicheskii institut. Trudy [Academy of Sciences of the Turkmen S.S.R. Institute of Physics and Technology. Transactions]
Trudy GGI (12b)	Leningrad. Gosudarstvennyi gidrologicheskii institut. Trudy [State Hydrological Institute. Transactions]
Trudy GIN (12c)	Akademiia nauk SSSR. Geologicheskii institut. Trudy [Academy of Sciences of the U.S.S.R. Geological Institute. Transactions]
Trudy GOIN (12b)	Moscow. Gosudarstvennyi okeanograficheskii institut. Trudy [State Oceanographic Institute. Transactions]
Trudy GPI (16a)	Gorkiy. Politekhnicheskii institut. Trudy [Polytechnic Institute. Transactions]
Trudy Geol. muz.AN SSSR (12c)	Akademiia nauk SSSR. Geologicheskii muzei. Trudy. [Academy of Sciences of the U.S.S.R. Geological Museum. Transactions]
Trudy Gidrav. lab.VODGEO (16d)	Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut vodosnabzhenila, kanalizatsii, gidrotekhnicheskikh sooruzhenii i inzhenernoi gidrogeologii. Gidravlicheskaia laboratoriia. Trudy [All-Union Scientific Research Institute of Water Supply, Sewerage, Hydraulic Structures, and Engineering Hydrogeology. Hydraulic Laboratory. Transactions]
Trudy Gor.-geol. inst.UFAN SSSR (12c)	Akademiia nauk SSSR. Ural'skii filial, Sverdlovsk. Gorno-geologicheskii institut. Trudy [Academy of Sciences of the U.S.S.R. Ural Branch. Mining-Geological Institute. Transactions]
Trudy IGEM (12c)	Akademiia nauk SSSR. Institut geologii rudnykh mestorozhdenii, petrografii, mineralogii i geokhimii. Trudy [Academy of Sciences of the U.S.S.R. Institute of the Geology of Ore Deposits, Petrology, Mineralogy, and Geochemistry. Transactions]
Trudy IMGRE (12c)	Akademiia nauk SSSR. Institut mineralogii, geokhimii i kristallokhimii redkikh elementov. Trudy [Academy of Sciences of the U.S.S.R. Institute of the Mineralogy, Geochemistry, and Crystallochemistry of Rare Elements. Transactions]
Trudy Il'm.gos. zap. (13c)	†Il'menskii gosudarstvennyi zapovednik. Trudy [Il'men' State Preserve. Transactions]
Trudy Inst.etn. (12a)	Akademiia nauk SSSR. Institut etnografii. Trudy [Academy of Sciences of the U.S.S.R. Institute of Ethnography. Transactions]
Trudy Inst.filos. i prava AN Kazakh. SSR (3a)	Akademiia nauk Kazakhskoi SSR, Alma-Ata. Institut filosofii i prava. Trudy [Academy of Sciences of the Kazakh S.S.R. Institute of Philosophy and Law. Transactions]
Trudy Inst.fiz. Zem. (13f)	Akademiia nauk SSSR. Institut fiziki Zemli. Trudy [Academy of Sciences of the U.S.S.R. Institute of Physics of the Earth Transactions]
Trudy Inst geol. AN Azerb.SSR (12c)	Akademiia nauk Azerbaidzhanskoi SSR, Baku Institut geologii Trudy [Academy of Sciences of the Azerbaijan S.S.R Institute of Geology. Transactions]
Trudy Inst.geol.i geofiz.Sib.otd.AN SSSR (12c)	Akademiia nauk SSSR. Sibirskoe otdelenie. Institut geologii i geofiziki. Trudy [Academy of Sciences of the U.S.S.R. Siberian Department. Institute of Geology and Geophysics. Transactions]
Trudy Inst.ist., arkheol.i etn. AN Turk.SSR (4a)	Akademiia nauk Turkmenskoi SSR, Ashkhabad. Institut istorii, arkheologii i etnografii. Trudy [Academy of Sciences of the Turkmen S.S.R. Institute of History, Archaeology, and Ethnology. Transactions]
Trudy Inst.Kom. stand., mer i izm.prib. (16a)	Russia (1923- U.S.S.R.) Komitet standartov, mer i izmeritel'nykh priborov. Trudy Institutov Komiteta [Committee of Standards, Measures, and Measuring Instruments. Transactions of the Institutes of the Committee]
Trudy Inst.kraev. pat.AN Kazakh.SSR (14e)	Akademiia nauk Kazakhskoi SSR, Alma-Ata Institut kraevoi patologii. Trudy [Academy of Sciences of the Kazakh S.S.R. Institute of Geographical Pathology. Transactions]
Trudy Inst.lesa i drev. (15c)	Akademiia nauk SSSR. Sibirskoe otdelenie. Institut lesa i drevesiny. Trudy [Academy of Sciences of the U.S.S.R. Siberian Department. Institute of Forest and Wood. Transactions]
Trudy Inst.met.i obog. AN Kazakh.SSR (16h)	Akademiia nauk Kazakhskoi SSR, Alma-Ata. Institut metallurgii i obogashcheniia. Trudy [Academy of Sciences of the Kazakh S.S.R. Institute of Metallurgy and Ore Dressing. Transactions]
Trudy Inst.seism. stroi.i seism. (16d)	Akademiia nauk Tadzhikskoi SSR, Dushanbe. Institut seismostoikogo stroitel'stva i seismologii. Trudy [Academy of Sciences of the Tajik S.S.R. Institute of Earthquakeproof Construction and Seismology. Transactions]
Trudy Inst.zool. AN Azerb.SSR (13c)	Akademiia nauk Azerbaidzhanskoi SSR, Baku. Institut zoologii. Trudy [Academy of Sciences of the Azerbaijan S.S.R. Institute of Zoology. Transactions]
Trudy Inst.zool. i paraz.AN Tadzh.SSR (13c)	†Akademiia nauk Tadzhikskoi SSR, Dushanbe. Institut zoologii i parazitologii. Trudy [Academy of Sciences of the Tajik S.S.R Institute of Zoology and Parasitology. Transactions]
Trudy KF VNII (16h)	Vsesoiuznyi neftegazovyi nauchno-issledovatel'skii institut. Krasnodarskii filial. Trudy [All-Union Scientific Research Institute of Petroleum and Natural Gas. Krasnodar Branch. Transactions]
Trudy LSGMI (14g)	Leningrad. Sanitarno-gigienicheskii meditsinskii institut. Trudy [Medical Institute of Sanitation and Hygiene. *Transactions*]
Trudy LTI (16a)	Leningrad. Tekhnologicheskii institut. Trudy [Technological Institute Transactions]
Trudy Lab.gidrogeol.probl. (12c)	Akademiia nauk SSSR. Laboratoriia gidrogeologicheskikh problem. Trudy [Academy of Sciences of the U.S.S.R. Laboratory for Hydrogeological Problems. Transactions]
Trudy Len.khim.-farm.inst. (14f)	Leningrad. Khimiko-farmatsevticheskii institut. Trudy [Pharmaceutical Chemistry Institute. Transactions]
Trudy MIIT (16g)	Moscow. Moskovskii institut inzhenerov zheleznodorozhnogo transporta. Trudy [Moscow Institute of Engineers of Railroad Transportation. Transactions]
Trudy MKHTI (16c)	Moscow. Khimiko-tekhnologicheskii institut. Trudy [Institute of Chemical Technology. Transactions]
Trudy MMBI (13c)	Akademiia nauk SSSR. Murmanskii morskoi biologicheskii institut. Trudy [Academy of Sciences of the U.S.S.R. Murmansk Marine Biology Institute. Transactions]
Trudy MOIP. Otd.biol. (13c)	†Moskovskoe obshchestvo ispytatelei prirody. Trudy. Otdel biologicheskii [Moscow Naturalists' Society. Transactions. Biological Section]
Trudy Mat.inst. (13e)	Akademiia nauk SSSR. Matematicheskii institut. Trudy [Academy of Sciences of the U.S.S.R. Mathematical Institute. Transactions]
Trudy NIIAK (13f)	Moscow. Nauchno-issledovatel'skii institut aeroklimatologii. Trudy [Scientific Research Institute of Aeroclimatology. Transactions]
Trudy NIIGA (12c)	Leningrad. Nauchno-issledovatel'skii institut geologii Arktiki. Trudy [Scientific Research Institute of Arctic Geology. Transactions]
Trudy NIISF (16d)	†Akademiia stroitel'stva i arkhitektury SSSR. Institut stroitel'noi fiziki. Trudy [Academy of Construction and Architecture of the U.S.S.R. Institute of Construction Physics. Transactions]
Trudy NIIZHB (16d)	Akademiia stroitel'stva i arkhitektury SSSR. Institut betona i zhelezobetona, Perovo. Trudy [Academy of Construction and Architecture of the U.S.S.R. Institute of Concrete and Reinforced Concrete. Transactions]
Trudy NPI (16a)	Novocherkassk. Politekhnicheskii institut. Trudy [Polytechnic Institute. Transactions]
Trudy I-go MMI (14a)	Moscow. Pervyi moskovskii meditsinskii institut. Trudy [First Moscow Medical Institute. Transactions]
Trudy Polt.grav. obser. (13b)	Poltava. Gravimetrychna observatoriia. Trudy [Observatory for Gravity Measurement. Transactions]

Trudy Stavr. sel'khoz. inst. (15a)	†Stavropol. Sel'skokhozialstvennyi institut. Trudy [Agricultural Institute. Transactions]
Trudy TSNII MPS (16g)	Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut zheleznodorozhnogo transporta. Trudy [All-Union Scientific Research Institute of Railroad Transportation. Transactions]
Trudy TSNIIGAIK (13b)	Moscow. TSentral'nyi nauchno-issledovatel'skii institut geodezii, aerosʺemki i kartografii. Trudy [Central Scientific Research Institute of Geodesy, Aerial Photography, and Cartography. Transactions]
Trudy TSNIIMF (17b)	Leningrad. TSentral'nyi nauchno-issledovatel'skii institut morskogo flota. Trudy [Central Scientific Research Institute of the Merchant Marine. Transactions]
Trudy TSNIISK (16d)	Akademiia stroitel'stva i arkhitektury SSSR. Institut stroitel'nykh konstruktsii. Trudy [Academy of Construction and Architecture of the U.S.S.R. Institute of Construction Design. Transactions]
Trudy TashNIIVS (14a)	†Tashkent. Nauchno-issledovatel'skii institut vaktsin i syvorotok. Trudy [Scientific Research Institute of Vaccines and Sera. Transactions]
Trudy Turk. nauch.-issl. trakh. inst. (14d)	†Turkmenskii nauchno-issledovatel'skii trakhomatoznyi institut. Trudy [Turkmen Scientific Research Trachoma Institute. Transactions]
Trudy VAGT (12c)	Vsesoiuznyi aerogeologicheskii trest Trudy [All-Union Aerogeological Trust Transactions]
Trudy VNIGRI (12c)	Leningrad Vsesoiuznyi neftianoi nauchno-issledovatel'skii geologorazvedochnyi institut Trudy [All-Union Petroleum (Scientific Research) Geological Prospecting Institute. Transactions]
Trudy VNII (16h)	Vsesoiuznyi neftegazovyi nauchno-issledovatel'skii institut. Trudy [All-Union Scientific Research Institute of Petroleum and Natural Gas. Transactions]
Trudy VSEGEI (12c)	Leningrad. Vsesoiuznyi geologicheskii institut. Trudy [All-Union Geological Institute Transactions]
Trudy VSGI SO AN SSSR (12c)	Akademiia nauk SSSR Sibirskoe otdelenie, Vostochno-Sibirskii geologicheskii institut. Trudy [Academy of Sciences of the U S S,R. Siberian Department. East Siberian Geological Institute, Transactions]
TSement (16d)	TSement [Cement]
TSvet.met. (16h)	TSvetnye metally [Nonferrous Metals]
Uch. zap. IAr. gos ped. inst (1a)	Yaroslavl. Gosudarstvennyi pedagogicheskii institut. Uchenye zapiski [State Pedagogical Institute. Studies]
Uch. zap. KhGU (1a)	Kharkov. Universitet. Uchenye zapiski [University. Studies]
Uch. zap Mord. gos. un. (1a)	Saransk. Mordovskii gosudarstvennyi universitet. Uchenye zapiski [Mordvinian State University. Studies]
Uch. zap Perm gos un (1a)	Perm Universitet Uchenye zapiski [University. Studies]
Uch zap. SAIGIMSa (12c)	†Tashkent. Sredneaziatskii nauchno-issledovatel'skii institut geologii i mineral'nogo syr'ia. Uchenye zapiski [Central Asiatic Scientific Research Institute of Geology and Mineral Resources. Studies]
Uch. zap. UrGU (1a)	Sverdlovsk. Ural'skii gosudarstvennyi universitet. Uchenye zapiski [Ural State University. Studies]
Uchet i fin. v kolkhoz. i sovkhoz. (5b)	Uchet i finansy v kolkhozakh i sovkhozakh [Accounting and Finance on Collective and State Farms]
Ugol'. prom. (16b)	Ugol'naia promyshlennost' [Coal Industry]
Ugol' Ukr. (16h)	Ugol' Ukrainy [Coal of the Ukraine]
Ukr. fiz. zhur. (13f)	Ukrains'kyi fizychnyi zhurnal [Ukrainian Physical Journal]
Ukr. ist. zhur. (4a)	Ukrains'kyi istorychnyi zhurnal [Ukrainian Historical Journal]
Ukr. khim. zhur. (13d)	Ukrainskii khimicheskii zhurnal [Ukrainian Chemical Journal]
Ukr. mat. zhur. (13e)	Ukrainskii matematicheskii zhurnal [Ukrainian Mathematical Journal]
Ukraina (1b)	Ukraina [The Ukraine]
Urologiia (14a)	Urologiia [Urology]
Usp. khim. (13d)	Uspekhi khimii [Progress in Chemistry]
Usp sovr. biol. (13c)	Uspekhi sovremennoi biologii [Progress in Contemporary Biology]
Uzbekistan (1b)	Uzbekiston [Uzbekistan]
Ved Verkh. Sov. RSFSR (6)	Russia (1917- R S F,S,R) Verkhovnyi Sovet. Vedomosti [Supreme Soviet. Gazette]
Ved. Verkh. Sov. SSSR (6)	Russia (1923- U,S,S,R,) Verkhovnyi Sovet. Vedomosti [Supreme Soviet. Gazette]
Vest. AN SSSR (1a)	Akademiia nauk SSSR. Vestnik [Academy of Sciences of the U,S,S,R. Journal]
Vest. drev ist. (4a)	Akademiia nauk SSSR. Institut istorii. Vestnik drevnei istorii [Academy of Sciences of the U.S.S.R Institute of History. Review of Ancient History]
Vest. elektroprom. (16e)	Vestnik elektropromyshlennosti [Review of the Electrical Industry]
Vest. khir. (14h)	Vestnik khirurgii [Review of Surgery]
Vest. mashinostr. (16g)	Vestnik mashinostroeniia [Machine-Building Review]
Vest. Mosk. un. Ser. 4: Geol. (12c)	Moscow. Universitet. Vestnik. Seriia 4: Geologiia [University. Review. Series 4: Geology]
Vest. Mosk. un. Ser 6: Biol., pochv. (13c)	Moscow Universitet. Vestnik. Seriia 6: Biologiia, pochvovedenie [University. Review. Series 6: Biology, Soil Science]
Vest. Mosk. un. Ser. 9. ist. (4a)	Moscow. Universitet. Vestnik. Seriia 9: Istoriia [University. Review. Series 9: History]
Vest. oft. (14d)	Vestnik oftalmologii [Review of Ophthalmology]
Vest sel'khoz nauki (15a)	Vestnik sel'skokhozialstvennoi nauki [Review of Agricultural Science]
Vest. sviazi (16e)	Vestnik sviazi [Communications Review]
Vest. vys. shkoly (8a)	Vestnik vysshei shkoly [Review of Schools for Higher Education]
Visnyk sil'h. nauky (15a)	Visnyk sil'skohospodars'koi nauky [Review of Agricultural Science]
Vnesh. torg. (5a)	Vneshniaia torgovlia [Foreign Trade]
Voen.-ist. zhur. (4a)	Voenno-istoricheskii zhurnal [Military History Journal]
Voen. vest. (17a)	Voennyi vestnik [Military Review]
Voen. znan (17a)	Voennye znaniia [Military Knowledge]
Vop. ekol. (13c)	Voprosy ekologii [Problems of Ecology]
Vop. ekon. (5b)	Voprosy ekonomiki [Problems of Economics]
Vop. ikht. (13c)	Voprosy ikhtiologii [Problems in Ichthyology]
Vop. ist. KPSS (6)	Voprosy istorii KPSS [Problems of the History of the Communist Party of the Soviet Union]
Vop. kur., fizioter. i lech. fiz. kul't. (14e)	Voprosy kurortologii, fizioterapii i lechebnoi fizicheskoi kul'tury [Problems of Resort Therapy, Physical Therapy, and Therapeutic Physical Culture]
Vop. lit. (11b)	Voprosy literatury [Problems of Literature]
Vop. med. khim. (14f)	Voprosy meditsinskoi khimii [Problems of Medical Chemistry]
Vop. mikropaleont (12c)	Voprosy mikropaleontologii [Problems of Micropaleontology]
Vop. okh. mat. i det. (14b)	Voprosy okhrany materinstva i detstva [Problems of Mother and Child Care]
Vop. onk. (14a)	Voprosy onkologii [Problems of Oncology]
Vop. stat. i uchota (5b)	Moscow. Ekonomiko-statisticheskii institut. Voprosy statistiki i ucheta [Institute of Economics and Statistics. Problems of Statistics and Accounting]
Vop. virus. (13c)	Voprosy virusologii [Problems of Virology]
Vrach. delo (14a)	Vrachebnoe delo [Medical Practice]
Vsem. prof. dvizh (5d)	Vsemirnoe profsoiuznoe dvizhenie [World Trade-Union Movement]
Vysokom. soed. (13d)	Vysokomolekuliarnye soedineniia [Macromolecular Compounds]
Za rul. (16g)	Za rulem [At the Wheel]
Zap. Vses. min. ob-va (12c)	Vsesoiuznoe mineralogicheskoe obshchestvo. Zapiski [All-Union Mineralogical Society. Records]
Zarub. radioelek. (16e)	Zarubezhnaia radioelektronika [Radio Electronics Abroad]
Zashch. rast. ot vred. i bol. (15d)	Zashchita rastenii ot vreditelei i bolezneĭ [Protecting Plants Against Diseases and Pests]
Zav. lab. (16h)	Zavodskaia laboratoriia [The Factory Laboratory]
Zdrav. Bel. (14a)	Zdravookhranenie Belorussii [Health Service of White Russia]
Zdrav. Kazakh. (14a)	Zdravookhranenie Kazakhstana [Health Service of Kazakhstan]
Zdrav. Tadzh (14a)	Zdravookhranenie Tadzhikistana [Health Service of Tajikistan]
Zdrav. Turk. (14a)	Zdravookhranenie Turkmenistana [Health Service of Turkmenistan]
Zemledelie (15d)	Zemledelie [Agriculture]
Zhel. dor. transp (16g)	Zheleznodorozhnyi transport [Railroad Transportation]
Zhil.-kom. khoz. (16d)	Zhilishchno-kommunal'noe khoziaistvo [Communal Housing and Services]
Zhivotnovodstvo (15b)	Zhivotnovodstvo [Animal Husbandry]
Zhur. eksp. i teor. fiz. (13f)	Zhurnal eksperimental'noi i teoreticheskoi fiziki [Journal of Experimental and Theoretical Physics]
Zhur. mikrobiol., epid. i immun. (14a)	Zhurnal mikrobiologii, epidemiologii i immunobiologii [Journal of Microbiology, Epidemiology, and Immunobiology]
Zhur. Mosk. Patr. (3b)	Orthodox Eastern Church, Russian. Patriarch. Zhurnal Moskovskoi Patriarkhii [Journal of the Moscow Patriarchate]
Zhur. nauch. i prikl. fot. i kin. (16c)	Zhurnal nauchnoi i prikladnoi fotografii i kinematografii [Journal of Scientific and Applied Photography and Cinematography]
Zhur. nevr. i psikh. (14c)	Zhurnal nevropatologii i psikhiatrii [Journal of Neuropathology and Psychiatry]
Zhur. ob. khim. (13d)	Zhurnal obshchoi khimii [Journal of General Chemistry]
Zhur. tekh. fiz. (16a)	Zhurnal tekhnicheskoi fiziki [Journal of Technical Physics]
Zhur. ush., nos. i gorl. bol. (14d)	Zhurnal ushnykh, nosovykh i gorlovykh bolezneĭ [Journal of Ear, Nose, and Throat Diseases]
Zhur. vych. mat. i mat. fiz. (13e)	Zhurnal vychislitel'noi matematiki i matematicheskoi fiziki [Journal of Computer Mathematics and Mathematical Physics]
Znan. ta pratsia (13a)	Znannia ta pratsia [Knowledge and Work]
Zool. zhur. (13c)	Zoologicheskii zhurnal [Zoological Journal]

ACTH
Acute anaphylactic reaction on the administration of adrenocorticotropic hormone. R.G.Gabitova. Probl. endok.i gorm. 8 no.4:111-115 Jl-Ag '62.

Effect of hormones (cortisone and ACTH) on vaccinal immunity against tick-borne encephalitis in an experiment [with summary in English] B.G.Trukhmanov, IU.V Fedorov Vop.virus. 7 no.5:537-539 S-O '62

Liver function changes in rheumatic patients during prednisone and ACTH therapy. I.I.Goncharik Zdrav. Bel. 8 no.2 17-21 F '62.

Use of ACTH and cortisone in experimental shock [with summary in English]. O.P.Khrabrova. Probl.endok. i gorm. 8 no.4:16-18 Jl-Ag '62.

Use of adrenocorticotropic and adrenal cortex hormones in the prevention and treatment of shock and hemorrhage. V.K. Kulagin Vest. khir. 87 no 11:120-126 N '61.

ABASTUMANI—MINERAL WATERS
"Abastumani Health Resort and its curative properties" by G.A.Ushveridze. Reviewed by A.G.Kaitsakian. Vop.kur., fizioter.i lech.fiz.kul't. 27 no.2 177 Mr-Ap '62.

ABDOMEN—DISEASES
Neurogenic diseases simulating "acute abdomen" [with summary in English]. A.P. Polonenko. Sov. med. 26 no.7:71-74 Jl '62

Syndrome of reflex stenocardia in diseases of the organs of the abdominal cavity [with summary in English]. B.D. Borovskaia. Sov. med. 26 no.6:112-115 Je '62

Ways for preventing acute surgical diseases of the organs of the abdominal cavity. D.A. Sokolov Sov. med. 26 no.6:136-141 Je '62.

ABDOMEN—SURGERY
Astrozhnikov, IU.V. [Acute surgical diseases of the organs of the abdominal cavity in elderly people] Ostrye khirurgicheskie zabolevaniia organov briushnoi polosti u pozhilykh liudei. [Vladimir] Vladimirskoe knizhnoe izd-vo, 1962. 80 p. (DNLM)

Blood pressure indices during operations on the organs of the abdominal cavity. L.F Pshenichnova. Zdrav. Turk 6 no.2:17-20 Mr-Ap '62.

Changes in some indices of the blood coagulation system during operations on the organs of the abdominal cavity N.S Khalabuda. Klin. khir no 8 42-45 Jl '62.

Combined mixtures of antibiotics in preventing purulent complications in emergency surgery on the abdominal cavity. I.V. Nesterov. Vest. khir. no.6:55-57 '62.

Upper extended transverse laparotomy [with summary in English]. V.I. Kolesov, E.V. Kolesov. Vest. khir. no.6:3-11 '62.

ABDOMEN—TUMORS
False inflammatory tumors of the abdominal cavity [with summary in English]. T.P. Muratova. Akush.i gin. no.1:82-84 '62.

ABDOMEN—WOUNDS AND INJURIES
Multiple injuries of the abdominal organs. IA. M. Moskovich. Zdrav. Bel. 8 no 2:61-62 F '62.

Rare case of a lesion of the rectum with a wound of the organs of the abdominal cavity. F B. Margulis. Zdrav. Tadzh. 9 no. 4:43 Jl-Ag '62.

ABDOMINAL ANEURYSM
False aneurysm of the gastroepiploic artery. I.I. Zakharov. Vest. khir. no.5:113 '62.

ABDULLAEV, KHABIB MUKHAMEDOVICH, 1912-1962
Khabib Mukhamedovich Abdullaev; obituary. Izv. AN Uz. SSR, Ser. fiz.-mat. nauk 6 no.5:90-91 '62.

ABERRATION
Inaccuracy of the constant annual aberration and daily latitude variations. IA.S. [Atskiv Trudy Polt. grav. obser. 11:94-103 '62.

ABKHAZIA—HEALTH RESORTS, WATERING PLACES, ETC.
Boarding house or a shopping center? S. Burasanovskii. Okhr. truda i sots. strakh. 5 no.10:36-37 O '62.

ABNORMALITIES see Deformities

ABNORMALITIES (PLANTS)
Proliferation of blossoms in some species of flowers and decorative plants R. M. Sultanova Izv AN Kir SSR Ser biol nauk 4 no 3 129-134 '62

ABORTION
Abortion and neuroses [with summary in French]. A. N. Molokhov. Zhur. nevr. i psikh 61 no.10,1525-1528 '61

ABRAMOVICH, GRIGORII BORISOVICH, 1901-
Grigorii Borisovich Abramovich; on his 60th birthday. Zhur. nevr. i psikh. 61 no.10:1593 '61.

ABSOLUTE DIFFERENTIAL CALCULUS see Calculus of tensors

ABSORPTION
Absorption phenomena and the electrodeposition of cadmium. A.V. Panfilov, V.S. Kuzub. Ukr. khim. zhur 28 no.6:939-944 '62.

Studies in the field of absorption and rectification. N.M. Zhavoronkov. Probl. fiz. khim. no.1:111-121 '59.

ABSORPTION (PHYSIOLOGY)
Absorption of glucose, pyruvate and lactate by muscle tissue during insulin, conditioned insulin stimulation and amytal sleep. G.S. Khachatrian Trudy Erev. med. inst. no.11 49-58 '60.

ABSORPTION OF SOUND
Absorption of ultrasound in a three-component system. O.A. Kapustina. Akust. zhur. 8 no.3:314-319 '62

Anechoic chamber equipped with wedge-shaped sound absorbers made of staple fiberglass. R.V. Dombrovskii, R.T. Kalustian. Akust. zhur 8 no.3:384-387 '62.

Methods for measuring the coefficient of sound absorption in a reverberation chamber. I.V. Lebedeva. Akust. zhur. 8 no.3:334-339 '62.

Sound-absorbent coverings from wedge-shaped foam polyurethan. B.M. Klimov, A.N. Rivin. Akust. zhur 8 no.3:367-369 '62.

Theory of the absorption of ultrasound in superconductors [with summary in English] I.A. Privorotskii. Zhur eksp i teor. fiz. 43 no.4:1331-1338 O '62.

Ultrasonic method for observing the behavior of dislocations in NaCl crystals. L.G. Merkulov. Akust. zhur 8 no.3:340-343 '62.

ABSORPTION SPECTRA
Absorption and luminescence of anthracene impurities in octahydroanthracene crystals at 20° K [with summary in English]. V.M. Vatul'ev. Ukr. fiz. zhur. 7 no.1:37-45 Ja '62.

Energy spectrum of resonance absorption in zinc oxide of 92 Kev. γ-radiation from Zn^{67} [with summary in English] V.P. Alfimenkov and others. Zhur. eksp. i teor fiz. 42 no.4 1029-1035 Ap '62.

On certain properties of the exciton absorption spectrum of a sodium uranyl acetate crystal [with summary in English]. M.S. Brodin, IA.O. Dovhyi. Ukr. fiz. zhur. 7 no.1:31-36 Ja '62.

ABSTINENCE see Fasting

ABSTRACT ALGEBRA see Algebra, Abstract

ABUKUMALITE see subdivision under Russia, Northwestern

ACADEMY OF SCIENCES OF THE LATVIAN S.S.R.
In the Presidium of the Academy of Sciences of the Latvian S.S.R. J. Magone. Izv. AN Latv.SSR no.7: 147 '62.

ACARINA see subdivision under Turkmenistan

ACCELERATION (PHYSIOLOGY)
Mechanism of the protective action of a fluid medium in shock acceleration. G.P. Mirotiubov. Biofizika 7 no.4:468-472 '62.

ACCLIMATIZATION
(see also subdivision under Dushanbe)
Categories of adaptive reactions and the factor of abundance in the process of animal acclimatization. G.A. Uspenskii. Vop.ekol. 4:79-82 '62.

Effect of abiotic and biotic factors of the medium on the acclimatization of aquatic organisms. A.F. Karpevich. Vop.ekol. 1:32-34 '62.

ACCOMPLICES
"Complicity. Part 2. The categories of accomplices and the forms of their participation in criminal offenses" by M.I. Kovalev. Reviewed by V.A. Vladimirov Sov. gos.i pravo 32 no.11:149-151 N '62.

Subornation as a form of participation in a crime F. Burchak. Rad. pravo no 6 99-105 N-D '62.

ACCOUNTING
(see also subdivision under Sovetskiy District, Rostov Province; United States, Virgin Territory)
How our voluntary accounting experts audit the accounts of business organizations and collective farms D Skyba Rad. pravo no. 6:59-60 N-D '62.

Mechanization of accounting promotes the turnover of merchandise S Polivanovskii, L Sidel'nikova Sov knizh torg. 14 no 9 41-43 '62

"Organization of accounting in state commerce" by A.Antisov. Reviewed by A.Amryshko, V.Galich. Bukhg.uchet 19 no.10:72 O '62.

Standard method of accounting as an operative control of production costs. M.Feldman. Prom.Arm. 5 no.10: 18-20 O '62.

Survey of newspapers. Bukhg.uchet 19 no.10:82-87 O '62.

ACCOUNTING—BIBLIOGRAPHY see Bibliography—Accounting

ACCOUNTING—CONGRESSES
In methodological council. Bukhg.uchet 19 no.10:76-79 O '62.

ACCOUNTING—STUDY AND TEACHING
(see also subdivision under Kazakhstan, Kiev Province; Krasnoyarsk Territory)
In the Central Statistical Administration of the U.S.S.R. P.M. Vezumskaia. Uchet i fin. v kolkhoz. i sovkhoz. 19 no.11:63-64 N '62.

Pay more attention to the correspondence higher school. V.Seleznev. Bukhg.uchet 19 no.10:33-35 O '62.

Teaching work in special accounting schools. A.L. Petrov, V.A. Aleksandrov. Uchet i fin. v kolkhoz i sovkhoz. 19 no.7 50 Jl '62.

Train accounting personnel in special courses in one system. P IA. Vlasov, S.I Seleznev. Uchet i fin v kolkhoz. i sovkhoz. 19 no.7:45-48 Jl '62.

ACCOUNTING—TEXTBOOKS
On textbooks. A.M. Skorodelov. Uchet i fin. v kolkhoz. i sovkhoz. 19 no.7 52 Jl '62.

ACETALDEHYDE
Chemistry of unsaturated ethers. Part 15: Telomerization of vinyl ethyl ether with acetaldehyde acetal. Synthesis of 1-alkoxypolyenes. S.M. Makin, V.S. Sudakova. Zhur. ob. khim. 32 no.10,3161-3165 O '62.

ACETALS
Chemistry of unsaturated ethers. Part 16: Telomerization of 1-alkoxy-1, 3-dienes with acetals of unsaturated aldehydes. S.M. Makin, I.N. Rozhkov, V.S Sudakova. Zhur. ob. khim. 32 no.10,3166-3170 O '62.

Reactivity of acetals and ionic telomerization. A.V. Bogdanova, G.I. Plotnikova, M.F. Shostakovskii. Usp. khim. 31 no.10:1165-1176 O '62.

ACETAMIDE
Clinical aspects of mental disorders in patients with infectious diseases treated with syntomycin [with summary in French] M.A. Zaitsenok, L.A. Stukalova Zhur. nevr. i psikh. 62 no.6:894-898 '62.

Comparative evaluation of the uninterrupted and 2-cycle methods of antibiotic therapy in typhoid-paratyphoid diseases [with summary in English]. P.I. P'iankov. Sov. med. 26 no.10:51-56 O '62.

Results of the work on Ploskirev's bactongar with the addition of syntomycin in studying gastrointestinal infections. A.IA. Veselov. Zdrav. Kazakh. 22 no.6:65 '62.

ACETANILIDE

Reaction of ketene with nitrogen-containing bases Part 12 Chloroacetanilide pyridinates IU. V Svetkin, A N Minibaeva, L I Vikhrisko.a Zhur ob khim 32 no 10 3227-3230 O '62

ACETIC ACID

Chemical action of Br^{82} recoil atoms obtained from the reaction (n, γ) on haloacetic acids An N Nesmeianov, E S Filatov, I G Gusakovskaia Radiokhimiia 4 no, 4 462-469 '62

Chemistry of allyl chlorides. Part 6 Addition of α-chloromethyl- and α-chloroethyl acetates to isoprene, chloroprene, and divinyl. S.A Vartanian, A.O. Tosunian, L.G.Mesropian Zhur.ob khim 32 no.11 3707-3711 N '62

Derivatives of substituted acetic acids Report No. 24 Dialkylaminoalkyl esters of p-alkoxybenzilphenylacetic acids O L Mndzhoian, E. R. Bagdasarian Izv. AN Arm, SSR Khim nauki 15 no 4 371-377 '62

Determination of hydrochloric and acetic acids in methylene chloride. E A. Emelin, N. F. Smyslova, IA. A. TSarfin. Zav lab. 28 no. 8 929 '62.

p-Dimethylaminoazobenzene salts with trifluoroacetic acid in dichloroethane. E. E. Milliaresi, V. A. Izmail'skii. Zhur. ob. khim. 32 no. 10 3451-3452 O '62.

Physical properties of the system ethyl acetate - butyl acetate- toluene V. P Solomko, V. M Gurtovoi Ukr khim zhur. 28 no 8 924-930 '62

Substances with complex-forming capacity Part 7 N, N, S-mercaptoethylaminotriacetic acid V. G. IAshunskii and others Zhur ob. khim. 32 no 10, 3372-3378 O '62.

ACETONE

Polarographic method of studying the thermal decomposition of acetone diperoxide in organic solvents. B. N. Moryganov, A. I. Kalinin, L. N Mikhotova. Zhur. ob. khim. 32 no. 11 3476-3483 N '62.

ACETONEMIA

Ketone bodies in the blood and alkaline reserve in diabetes mellitus in children N. P. Valedinskaia Vop. okh. mat i det. 7 no 4:53-57 Ap '62

ACETYLATION

Effect of aminazine on cholesterol synthesis in white rat liver in vivo and in vitro and on its acetylation capacity [with summary in English] I A Rykovskaia Biokhimiia 27 no 4 595-598 Jl-Ag '62

ACETYLENE

Improved method of the electrocracking of methane to acetylene D. T Il'in, E. N Eremin. Khim. prom no 6 403-410 Je '62.

Reactions of selenols with acetylene derivatives. Part 1. Reactions of selenophenol with 1-hexyne, phenylacetylen, diphenylacetylene, and 2-methyl-5-ethynylpyridine. E. G. Kataev, V. N. Petrov. Zhur. ob. khim 32 no. 11 3699-3703 N '62.

ACETYLENE COMPOUNDS

Conjugated systems. Part 160· Direction of the reaction of propargyl bromide with magnesium bromovinyl-, propenyl-, and phenylacetylenes. A. Petrov, K. A. Molodova. Zhur. ob. khim. 32 no. 11·3510-3514 N '62.

Kinetics and mechanism of the addition of mercuric chloride to acetylene derivatives in methyl alcohol. Report No. 2, G. F. Dvorko. Ukr. khim zhur 28 no 8·945-951 '62.

ACHERKAN, NAUM SAMOILOVICH, 1892-

An outstanding scientist (on the occasion of the 70th birthday and the 45th anniversary of scientific and pedagogical work of N. S. Acherkan). Stan. i instr. 33 no. 11:42 N '62.

ACHILLEA

Pharmacological action of millefolium [with summary in English] A. A. [illegible] no. 1 toks. 24 no. 6

Complex formation of protactinium with some organic acids (by the method of ion exchange). I. Geletseanu, A. V. Lapitskii. Dokl. AN SSSR 147 no. 2 372-375 N '62.

Condensation of unsaturated carboxylic acids with N-alkyl- and N-phenyl-o-aminophenylthiols L. K Mushkalo, N. IA. Kozlova Ukr. khim zhur 28 no 8 960-962 '62.

Coordination polymers Part 15 Interaction of organotin compounds with dicarboxylic acids and their derivatives [with summary in English] V. V Korshak, S. V Rogozhin, T. A Makarova Vysokom soed 4 no 9, 1207-1302 S '62

Effect of γ-keto acids and their derivatives on plants K. K. Bragina, A. N. Kost, N. A. Bazilevskaia. Vest. Mosk un Ser. 6; Biol., pochv. 17 no. 5, 27-33 S-O '62.

Hydrazides of thiodicarboxylic acids. S. G. Agbalian, A. O. Nshanian, G. T. Tsaitan. Izv. AN Arm SSR Khim nauki 15 no. 4 385-390 '62.

Nonaqueous titration of some carboxylic acids. A. I. Malyshev. Zav. lab. 28 no. 8:927-928 '62.

Study of the effect of some derivatives of cyanocarboxylic acids on tuberculostatic activity and its dependence on the chemical structure of the compounds [with summaries in English and German] K Medne and others Izv AN Latv SSR no 4 131-138 '62.

Synthesis of esters and other derivatives of carboxylic acids under conditions of acid catalysis from carbon monoxide, olefins, and acylating compounds. Part 8 Synthesis of carboxylic acids and their esters from C_3- C_5 alcohols and carbon monoxide IA T. Eldus, K. V. Puzitskii, K. G. Riabova. Zhur ob. khim 32 no. 10, 3198-3201 O '62

Toxic effect of the fraction of organic acids synthesized by Botrytis cinerea. M. E. Ladygina. Dokl. AN SSSR 147 no. 2, 499-501 N '62.

Transformation of halogen-containing aromatic compounds in the presence of haxamethylenimine. Part 1: Substitution of a chlorine atom by a hydroxy group in o-chloroarboxylic acids. V. N. Lisitsyn and others. Zhur. ob. khim. 32 no. 11, 3734-3737 N '62.

ACNE

Treatment of an acneform eruption. K. R. Astvatsaturov and others. Sov. med 26 no 7:103-109 Jl '62.

ACOUSTICAL ENGINEERING

Coordinating conference on acoustical engineering V. N. Nikol'skii. Akust. zhur. 8 no. 3:375 '62.

ACOUSTICAL MATERIALS

Anechoic chamber equipped with wedge-shaped sound absorbers made of staple fiberglass. R. V. Dombrovskii, R. T. Kalustian. Akust. zhur 8 no 3:364-367 '62.

ACOUSTICS, ATMOSPHERIC see Atmospheric acoustics

ACQUISITIONS (LIBRARIES)

Groups engaged in acquiring books for libraries. T Mistriukova Bibliotekar' no 11 46-48 N '62

[New foreign books received by the library system of the Academy of Sciences of the U. S. S. R.] Nov. inostr. knigi, postup. v sist. Bibl. AN SSSR no. 11 '62.

ACROLEIN

Catalytic oxidation of propylene to acrolein in the presence of inert diluents. A. G. Polkovnikova and others. Kin. i kat. 3 no. 2 252-256 Mr-Ap '62.

Catalytic oxidation of propylene to acrolein in the presence of selenium. B. D. Kruzhalov, E. S. Shestukhin, A. M. Garnish. Kin. i kat. 3 no. 2 247-251 Mr-Ap '62.

Catalytic oxidation of propylene to acrolein in the presence of water vapors. A. M. Garnish and others. Kin. i kat. 3 no. 2·257-260 Mr-Ap '62.

Kinetics of oxidation of propylene to acrolein on a copper catalyst. V. M. Belousov, IA. B. Gorokhovatskii, M. IA. Rubanik. Kin. i kat. 3 no. 2 221-229 Mr-Ap '62.

[illegible]ion of propylene to acrolein on Cu/Al_2O_3 modified [illegible]olybdenum oxides. L. M. Kaliberdo, V. A. Pilo- Popova. Kin. i kat. 3 no. 2:237-240 Mr-Ap

[illegible]esses in the oxidation of propylene to acro- [illegible]orokhovatskii, E. N. Popova, M. IA. Ruba- [illegible], 3 no. 2:230-236 Mr-Ap '62.

[illegible]y of the polymerization kinetics of [illegible] L. Skobets, G. S. Nestiuk. Ukr. khim. [illegible]4-938 '62.

[illegible]ic acid as a precursor of amino acids [illegible]mmary in English]. Z. S. Kagan [illegible] 4·715-721 Jl-Ag '62.

[illegible]rs Part 7. Photooxidative activation [illegible]crylate ester by the visible region [illegible]summary in English] S. R. Rafikov. Vysokom soed. 4 no. 9.1351-1353

[illegible]-forming copolymers of acrylonitrile I. S. Dorokhina, V. S. Klimenkov, [illegible].volok. no. 5:16-21 '62.

ACTING

Dorozhnyi, I. [The motion-picture actor] Aktor v kino. 2., dop. vyd. Kyiv, Derzh. vyd-vo obrazotvorchoho mystetstva i muzychnoi lit-ry URSR, 1962. 36 p. (Bibliotechka z pytan' mystetstva. Kino)

ACTINOMETER—TESTING

Dependence of the sensitivity of actinometric instruments on temperature and pressure. G. N Gerasimova, M. P. Fedorova. Izk. sput Zem. no. 11:81-85 '62.

ACTINOMYCES

Formation of chlortetracycline and vitamin B_{12} by the producer, Actinomyces aureofaciens, with variation of sources of carbohydrate nutrition. I. V. Nesbitova, P. A. IAkimov, A. V. Baklina. Trudy Len. khim.-farm. in-ta. no. 15:153-159 '62.

Isolation of amino acids from the mycelium of Actinomyces globisporus streptomycini. O. V. Krasnov and others. Trudy Len. khim.-farm. inst. no. 15:133-143 '62.

Vegetative reproduction of the mycelium of Actinomyces aureofaciens. O. V. Krasnov and others. Trudy Len. khim.-farm. inst. no. 15:177-184 '62.

ACTINOMYCOSIS

Actinomycosis of the urachus. A. I. Mikhel'son, V. A Mokhort. Urologiia no. 1:84-85 '62.

ACTORS—CORRESPONDENCE, REMINISCENCES, ETC.

Stanislavskii, K. S. [My life in art] Moia zhizn' v iskusstve. Moskva, Izd-vo "Iskusstvo," 1962. 574 p (Teatral'nye memuary)

Time, E. I. [The roads of art] Dorogi iskusstva; literaturnaia zapis' IUrlia Aleanskogo. Moskva, Vsesoiuznoe teatral'noe obshchestvo, 1962. 304 p illus (City)

ACUTE CATARRHAL JAUNDICE see Hepatitis, infectious

ACYLATION

Perchloric acid and its compound as catalysts in organic synthesis. Part 8 Catalytic acylation of some aryl olefins. B. A. Rozenberg and others. Zhur. ob. khim 32 no. 10:3417-3421 O '62.

Thiazoline and thiazolidine series. Part 2· Acylation of 2-aminothiazoline and the reduction of acyl derivatives. K. K. Kuz'mina and others. Zhur. ob. khim. 32 no 10 3300-3303 O '62

ADAPTATION (BIOLOGY)

Compensatory adaptations following ligation of the posterior half of the spinal cord in chickens. O. A. Tpsemian, L. A. Matinian. Trudy Erev. med. inst. no. 11 91-96 '60.

Genecologic nature of the reactivity of animals. Ia. O. Raushenbakh. Vop. ekol. 4:74-76 '62.

Temperature adaptations of endoparasitic Protozoa from some species of poikilothermic animals [with summary in English]. K. M. Sukhanova. Zool. zhur. 41 no. 9 1306-1316 S '62.

ADDITION REACTIONS

Kinetics and mechanism of the addition of mercuric chloride to acetylene derivatives in methyl alcohol. Report No. 2. G. F. Dvorko. Ukr. khim. zhur. 28 no. 8:945-951 '62.

ADENOIDS—SURGERY

Surgical treatment of chronic tonsillitis and adenoids in children and adolescents suffering from tuberculosis [with summary in English]. G. B. Podgaetskii Zhur. ush., nos. i gorl. bol. 22 no. 2:50-54 Mr-Ap '62.

ADENOSINE PHOSPHATES

Studies on biochemical disorders in the tissues of the eye in glaucoma [with summary in English]. B. S. Kovalev. Vest. oft. no. 1:9-12 '62.

ADENOSINETRIPHOSPHATASE

Effect of chloroprene on the adenosinetriphosphatase activity of the organs of white rats; report No. 8. V. G. Mkhitarian. Trudy Erev. med. inst. no. 11:41-47 '60.

ADENOVIRUS INFECTIONS

Clinical and epidemiological characteristics of adenovirus infections. I. L. Gusarskaia and others. Vop. okh. mat. i det. 7 no. 4:6-10 Ap '62.

Features of the clinical picture and course of adenovirus pneumonia in children [with summary in English]. I. G. Mamykina. Vop. okh. mat. i det. 7 no. 4:10-13 Ap '62.

Influenza and acute respiratory diseases of adenovirus etiology in adults [with summary in English]. D. S. Kettladze and others. Sov. med. 26 no. 6:92-99 Je '62.

Method of rhinocytoscopy for the differential diagnosis of influenza and adenovirus diseases [with summary in English]. T. I. Buzhievskaia. Vop. virus. 7 no. 5:572-576 S-O '62.

Rhinocytoscopic studies in adenovirus infections in children [with summary in English]. T. IA. Liarskaia, S. G Cheshik. Vop. okh. mat. i det. 7 no. 4:14-18 Ap '62.

ADHESION

Adhesion of polytetrafluoroethylene to metals [with summary in English]. A. IA. Korolev, V. I Bek, N. A Grishin. Vysokom. soed. 4 no. 9:1411-1418 S '62.

ADHESION (Continued)

Adhesive strength of rubber coatings on a textile carcass as dependent on the rate of casing in calenders V G Raevskii and others Kauch i rez 21 no 9 8-12 S '62

Effect of the compatibility of adhesive polymers with casing rubber on the adhesive strength of rubber-cord systems V I Basin, A A Berlin, R V Uzina, Kauch i rez 21 no 9 12-17 S '62

ADHESIONS (ANATOMY)

Cautery of pleural adhesions under the conditions of antituberculosis wards in a district hospital B K Kutako Zdrav. Bel. 7 no 11 10-11 N '61.

ADHESIVES

Adhesives for poly(vinyl chloride). T. A. Ignatova, R. S. Barshtein. Plast massy no 10 61-62 '62

ADHESIVES—TESTING

Methods of shear tests for adhesive compounds of plastics and other building materials A S Freidin, K V Panfilov Plast massy no 10 57-60 '62

ADMINISTRATIVE LAW see subdivision under Turkestan

ADMINISTRATIVE LAW—BIBLIOGRAPHY see Bibliography—Administrative law

ADMINISTRATIVE REMEDIES see subdivision under Pavlograd District

ADRENAL CORTEX

Functional activity of the adrenal cortex in people in high mountain regions. G. L. Mednik and others. Probl. endok. i gorm. 8 no. 4:104-106 Jl-Ag '62.

Functional state of the adrenal cortex in tuberculosis of the kidneys [with summary in English]. R F. Tkachuk. Urologiia 27 no. 4:24-26 Jl-Ag '62.

Some indices of adrenal cortex function in bronchial asthma [with summary in English]. I G. Danilak. Sov. med. 26 no 10:36-42 O '62.

ADRENAL CORTEX—TUBERCULOSIS

Effect of a tuberculous infection on the function of the adrenal cortex, experimental study [with summary in English]. V. A. Buskina. Probl. endok. i gorm. 8 no. 1: 23-29 Jl-Ag '62.

ADRENAL CORTEX—TUMORS

Case of adenoma of the cortical layer of the left adrenal gland. I. S. Kaledin, Z. K. Duplik. Probl. endok. i gorm. 8 no. 4:117-118 Jl-Ag '62.

ADRENAL GLANDS

Determining the functional state of the adrenal cortex in Botkin's disease and liver cirrhosis by the content of neutral 17-ketosteroids in the urine [with summary in English]. E. V. Kintskikh. Trudy LSGMI no. 39:52-61 '61.

Effect of sodium thiosulfate on the clinical course of hypertension and the content of adrenal substances in the blood [with summary in English]. V. IA. Kononenko, I. F. Semenko. Vrach delo no. 8:28-31 Ag '62.

Functional state of the adrenal cortex in surgical diseases; survey of Soviet and foreign literature. A. T Pulatov. Vest. khir. no. 6:116-126 '62.

Histochemical study of adrenaline in the human adrenal glands and paraganglia in connection with their development and reduction [with summary in English]. N. M. Kovrizhko. Probl. endok. i gorm. 8 no. 4:107-113 Jl-Ag '62.

ADRENAL GLANDS—TUMORS

Hypernephroma of both adrenal glands. A. L. Slukkel, S. A. Simbirtsev. Urologiia 27 no. 4:60-61 Jl-Ag '62.

Pheochromocytoma and the syndrome of pseudopheochromocytoma. E. Grudets. Khirurgiia no. 12:73-79 '61.

ADRENALINE

Histochemical study of adrenaline in the human adrenal glands and paraganglia in connection with their development and reduction [with summary in English]. N. M. Kovrizhko. Probl. endok. i gorm. 8 no. 4:107-113 Jl-Ag '62.

Interaction of adrenaline amino acids [with summary in English]. B. N Manukhin. Biokhimiia 27 no. 4:615-621 Jl-Ag '62.

ADRENOCORTICAL HORMONES

Indications for the use of corticoids in treating chronic brucellosis. N D Beklemishev. Trudy Inst kraev. pat AN Kazakh. SSR 12,236-243 '62.

Use of adrenocorticotropic and adrenal cortex hormones in the prevention and treatment of shock and hemorrhage V. K. Kulagin. Vest. khir. 87 no. 11:120-126 N '61.

ADRENOCORTICOTROPIC HORMONES see ACTH

ADSORBENTS

Gas chromatography used for investigating adsorbents of molecular sieve type. N I. Lulova and others. Khim. i tekh. topl. i masel 7 no. 5,70-73 My '62.

ADSORPTION

Adsorption of radioactive isotopes on non-ion exchanging polymer adsorbents. Part 3: Adsorption of cesium, thallium, silver, and strontium on fluoroplast 4 and polyethylene. I. E. Starik, V. N. Shchebetkovskii, I. A. Skul'skii. Radiokhimiia 4 no. 4:393-398 '62.

Adsorption of various substances on radioactive samples of barium sulfate L. D. Beliakova and others Radiokhimiia 4 no. 4 410-421 '62.

Effect of the potential on the attraction interaction between adsorbed organic molecules B B. Damaskin, N B Grigoriev Dokl AN SSSR 147 no. 1:135-138 N '62

Some quantitative regularities of xanthic acid adsorption by ionites I N Plaksin, S A Tetaru Izv. vys ucheb zav., tsvet. met. 5 no. 3:27-31 '62

Work on adsorption presented at the 10th All-Union Conference on Cathode Electronics. V. K. Medvedev, A. G. Naumovets. Kin i kat. 3 no. 2 299-300 Mr-Ap '62.

ADULT EDUCATION

From the history of Sunday schools in Russia S. Kogan. Nar. obr. no. 12,95-97 D '62.

Pint, A. O [Let's search, invent, and create] Iskat', izobretat', tvorit'; o pedagogicheskom masterstve kul'turosvet rabotnika. Moskva, Sovetskaia Rossiia, 1962 71 p. (Bibliotechka sel'skogo rabotnika, no. 4)

Rubakin, N. A [How to work on self-education] Kak zanimat'sia samoobrazovaniem. Moskva, Sovetskaia Rossiia, 1962 126 p.

ADVERTISING

Best means of advertising A Marin Sov. knizh torg 14 no 9 32 '62.

ADYGE—MARRIAGE CUSTOMS AND RITES

New traits in the marriage celebration of the Adyge [with summary in English]. IA S. Smirnova. Nov. etn. no 5 30-40 S-O '62.

ADZHARISTAN—LADYBIRDS

How to control predaceous mites in insectaries for rearing the Cryptolaemus N K Gaprindashvili Subtrop kul't no 2,141-141 '62

ADZHARISTAN—MITES

How to control predaceous mites in insectaries for rearing the Cryptolaemus N K Gaprindashvili Subtrop. kul't. no 2 141-144 '62

ADZHARISTAN—PARASITES—MEALYBUGS

How to control predaceous mites in insectaries for rearing the Cryptolaemus N K Gaprindashvili Subtrop. kul't. no 2 141-144 '62.

ADZHARISTAN—SCALE INSECTS—EXTERMINATION

Controlling the scale insect Leucaspis japonica Ckll. in the Adzhar S. S. R. A. TSitsba, M. Dolidze, G. Kuninskaia. Zashch. rast. ot vred i bol. 4 no. 6:46 N-D '60.

AERIAL PHOTOGRAMMETRY
(see also subdivision under Elbrus, Mount, Siberian Platform)

Determining the angles of tilt of aerial photographs to evaluate the quality of the flight. M. D. Konshin, V. K. Orlov. Trudy TSNIIGAIK no. 146,133-145 '62.

Interpretation of aerial photographs in prospecting for kimberlite pipes. N. G. Nikanorov. Trudy VAGT no 8 144-150 '62.

Interpretation of aerial photographs when studying placer deposits. V. N. Orliankin. Trudy VAGT no 8: 150-154 '62.

Methods for structural interpretation of aerial photographs and results of its field testing. L. M Izrailev, B. N. Leonov. Trudy VAGT no. 8:136-141 '62

Russia (1923- U. S. S. R.) Ministerstvo geologii i okhrany nedr. Laboratoriia aerometodov. [Application of aerial methods for the study of underground waters; materials on the studies in Turkmenia, the northwestern regions of the East European Plain, and the Caspian Depression] Primenenie aerometodov dlia izucheniia gruntovykh vod; materialy issledovaniia v severo-zapadnykh raionakh Russkoi ravniny v Prikaspiiskoi nizmennosti Turkmenii. Moskva, Izd-vo Akad. nauk SSSR, 1962. 141 p.

Some possibilities of using aerial photography in prospecting and large-scale geological surveying. V. N. Gendler. Trudy VAGT no. 8:141-144 '62.

Some problems in the theory of geological interpretation. V. N Briukhanov, M. T. Kozitskaia, I. I. Neviazhskii. Trudy VAGT no. 8,109-123 '62.

Stereophotogrammetric determinations of the surface speeds of ice movement in glaciers on the northern slope of Mount Elbrus. IU. F. Knizhnikov. Inform. sbor. o rab. Geog. fak. Mosk. gos. un. po Mezhdunar. geofiz. godu. no. 7:82-97 '61.

Using two scales of aerial photographs in topographic surveys at scales of 1:25,000 and 1:10,000. N. A. Sokolova. Trudy TSNIIGAIK no. 146:73-91 '62.

Work of the laboratory of aerial photographic methods of the Department of Geodesy and Cartography of the Geography Faculty of the Moscow State University during the International Geophysical Year. I R. Zaitov. Inform. sbor. o rab. Geog. fak. Mosk. gos. un. po Mezhdunar. geofiz. godu no. 7:5-13 '61.

AERIAL PHOTOGRAMMETRY—EQUIPMENT AND SUPPLIES

Experimental work on altitude photogrammetric control and the use of photogrammetric control points in working with the STD stereotopometer. N. A. Sokolova, V. S. Mil'ner. Trudy TSNIIGAIK no. 146:121-132 '62.

AERIAL PHOTOGRAPHY see Photography, Aerial

AERODYNAMICS, SUPERSONIC

Numerical solution of the problem of supersonic flow past the lower surface of a triangular wing. D. A. Babaev. Zhur. vych mat. i mat. fiz 2 no 6 1085-1101 N-D '62.

Symmetric supersonic flow of an ideal and real gas past blunt-edged bodies. O. M. Belotserkovskii. Zhur. vych mat. i mat. fiz. 2 no 6:1062-1085 N-D '62

AERONAUTICS—ABSTRACTS

[Air transportation] Ref. zhur. Vozd. transp. no. 12 D '62.

AERONAUTICS IN AGRICULTURE

For extensive application of aerial spraying against the shield bug Eurygaster integriceps. Zashch. rast. ot vred. i bol 7 no. 3 60-61 Mr '62

Helicopters in plant protection. V. A. Kuznetsov Zashch rast ot vred. i bol. 4 no 6 22-23 N-D '59

Improve the quality of chemical control of the Colorado beetle from the airplane V. P Bondin Zashch rast. ot vred i bol 7 no 5:12-13 My '62

Practices in aerial spraying against the shield bug Eurygaster integriceps N G Smagina Zashch rast ot vred i bol 7 no 5 10 My '62.

Work and plans of Ukrainian airplane pilots M. G Kuznetsov, A. I Leppik Zashch rast. ot vred i bol 7 no 5 14-16 My '62

AERONAUTICS IN FORESTRY

Detecting forest diseases from the air. V. F Lebedev. Zashch. rast. ot vred. i bol. 7 no 3,52 Mr '62.

Using airplanes for sowing in the introduction of larch in Vologda Province A I. Iroshnikov. Trudy Inst. lesa i drev. 53 238-244 '62.

AERONAUTICS IN GEOLOGY
(see also subdivision under Siberian Platform)

Foreign airborne geophysical methods. IU. S. Glebovskii. Geofiz. prib. no. 9,80-93 '61.

AERONAUTICS IN MEDICINE

Characteristics of a mass medical examination of the nomadic population of Chukchi Peninsula at a "flying ambulatorium". A. G. Vol'fson. Sov. med. 26 no. 6: 115-116 Je '62.

AERONAUTICS IN SURVEYING

Photogrammetric control of the elevation control in topographic surveys based on air-borne radar leveling. N. P. Kozhevnikov. Trudy TSNIIGAIK no. 146,27-56 '62.

Regime of the static field of the atmosphere near the aeroplane and its effect on the accuracy of barometric measurements. K. F. Bychkovskii. Trudy TSNIIGAIK no. 140-153-163 '62.

AEROSOLS

Spectral analysis of solutions by the spark excitation of aerosols. A. N. Baklanovskaia, A. A. Morozov. Zav. lab. 28 no. 11 1332-1333 '62.

Theory of the thermophoresis of large solid aerosol particles. B. V. Deriagin, S. P. Bakanov. Dokl. AN SSSR 147 no 1:139-142 N '62.

AESTHETICS

[The beautiful and our life] Prekrasnoe i zhizn'. Moskva, Gos. izd-vo polit. lit-ry, 1962. 86 p.

"Chernyshevskii's views on aesthetics" by A. Belik. Reviewed by V. Gusev, K. Shokhin. Oktiabr' 38 no. 6:223 Je '62.

Origin of the concept of the beautiful. IU. Stoliarova. Nauch. rab. i soob. Otd. obshchestv. nauk AN Uz. SSR 4:401-410 '61.

AESTHETICS—STUDY AND TEACHING

In the Academy of Pedagogical Sciences E. Lazareva. Nar. obr. no. 12:130-131 D '62.

Relay race of art. L. Sofronova. Nar. obr. no. 11:69-72 N '62.

AFFORESTATION
(see also subdivision under Kulunda Steppe, Russia, Northern, Sumy Province, Vologda Province)

Use of the red oak Quercus borealis Michx in afforestation in the Ukraine B. I Lobkinov, I N Ilchel'chyi. Visnyk sil'hosp. nauky 5 no 5,45-49 My '62.

Using airplanes for sowing in the introduction of larch in Vologda Province. A. I Iroshnikov. Trudy Inst. lesa i drev. 53,238-244 '62.

AFGHANISTAN—CHOLERA, ASIATIC—PREVENTIVE INOCULATION

Control of cholera in Afghanistan. Z. A. Plankina and others. Zhur. mikrobiol., epid. i immun. 32 no. 12: 20-24 D '61.

AFGHANISTAN—ECONOMIC CONDITIONS

Gurevich, N. M. [State sector in the economy of Afghanistan] Gosudarstvennyi sektor v ekonomike Afganistana. Moskva, Izd-vo vostochnoi lit-ry, 1962. 110 p.

AFGHANISTAN—EDUCATION
"Education in independent Afghanistan" by T I Kukhtina Reviewed by O Osipov Nar obr no 12 121-122 D '62

AFGHANISTAN—POLITICS AND GOVERNMENT
Gurevich, N M [State sector in the economy of Afghanistan] Gosudarstvennyi sektor v ekonomike Afganistana. Moskva, Izd-vo vostochnoi lit-ry, 1962 110 p.

AFRICA
"Africa today, a series of popular pamphlets," edited by V A Brykin and others Reviewed by O Mirzoian Nar Az i Afr no 6 203-204 '62

"United Africa" [in French] by Ch A Favred. Reviewed by M M Avseev Nar Az i Afr no 6 164-166 '62

AFRICA—AGRICULTURE
Tendencies in the development of agriculture in tropical Africa [with summary in English, pp 223-224] N I Gavrilov Nar Az i Afr no 6 23-32 '62

AFRICA—BIBLIOGRAPHY
[New Soviet and foreign literature on the countries of the non-Soviet East] Nov. sov. i inostr. lit. po stran, zarub. Vost. no. 8 '62.

AFRICA—COLONIES
The African colonial reservations. Nov. vrem. 20 no 47 16-20 N '62

AFRICA—COMMERCE—UNITED STATES
American expansion in the countries of Asia and Africa in the 10's-50's of the 19th century [with summary in English, p 225] N A Khalfin Nar Az i Afr. no. 6 67-77 '62

AFRICA—COOPERATIVE SOCIETIES
National independence of African countries and cooperation. V Kondratov. Sov. potreb. koop. 8 no. 10 55-58 O '62.

AFRICA—ECONOMIC CONDITIONS
Africa looks toward the future. V Katin. Vneah torg. 42 no 11:32, 34 '62.

"Economic development of Africa today" [in Arabic] by Rashid al'-Barravi Reviewed by K P Grishechkin Nar Az i Afr no 6 157-159 '62

Several aspects of the "Common Market" in Africa Moustapha Sarr. Vsem prof. dvizh. no. 10:19-23 O '62.

AFRICA—ECONOMIC POLICY
"Africa and the West, elements of free world policy" [in English] by Arnold Rivkin, "Pan-Africanism" [in French] by Philippe Decraene. Reviewed by IU Popov Nov vrem 20 no 47 30-31 N '62

Intra-African economic cooperation [with summary in English, p 224] E N Korotkova Nar Az i Afr no 5 33-38 '62

AFRICA—EDUCATION, HIGHER
Facts and figures Vest. vys. shkoly 20 no. 11:91 N '62.

AFRICA—FOREIGN ECONOMIC RELATIONS—EUROPEAN ECONOMIC COMMUNITY COUNTRIES
Several aspects of the "Common Market" in Africa. Moustapha Sarr. Vsem prof. dvizh. no. 10:19-23 O '62.

AFRICA—FOREIGN ECONOMIC RELATIONS—RUSSIA
Economic cooperation expands. Vneah. torg. 42 no. 11: 34-36 '62.

AFRICA—FOREIGN RELATIONS
"Africa and the West, elements of free-world policy" [in English] by A Rivkin Reviewed by G. I Gerasimov Nar Az i Afr no 6.162-164 '62

AFRICA—FOREIGN RELATIONS—RUSSIA
Soviet Union and the countries of Africa. Nar. Az i Afr. no 6 5-10 '62

AFRICA—FRENCH COLONIES
"Disintegration of the French colonial empire" by V. V. Gavriliuk Reviewed by L Goncharov Nar Az i Afr no 6 202-203 '62

AFRICA—HISTORY
Asia and Africa in the initial period of modern history; 1917-1923 V N Nikiforov. Nar. Az i Afr no. 6: 158-172 '62.

History of the peoples of Asia and Africa in the "Soviet Historical Encyclopedia" N. B Zubkov Nar. Az. i Afr. no 6:172-176 '62

AFRICA—HISTORY—PERIODICALS
"The Journal of African History," Vols. 1-2, 1960-1961. Reviewed by S. I Kuznetsova Nar. Az. i Afr. no. 6 142-149 '62

AFRICA—MILITARY BASES
Military and strategic plans of the imperialists in Africa. S. E Fil'shtinskii Nar Az. i Afr. no. 6:46-52 '62

AFRICA—MINES AND MINERAL RESOURCES
The "Common Market" in the service of the aggressive bloc. I. Nazarenko. Mezhdunar. zhizn' 9 no. 12 39-49 D '62.

"The natural resources of Africa" by A. IU Shpirt. Reviewed by A Miakin Voen - ist. zhur 4 no 11 108-112 N '62

AFRICA—MOHAMMEDANISM
New Arabic works on Islam in Africa E. A. Tarverdova. Nar Az i Afr no 6 206-207 '62

AFRICA—NATURAL RESOURCES
"The natural resources of Africa" by A. IU. Shpirt. Reviewed by A Miakin Voen - ist. zhur 4 no 11 108-112 N '62

AFRICA—POLITICS
"Africa and the West, elements of free world policy" [in English] by Arnold Rivkin, "Pan-Africanism" [in French] by Philippe Decraene Reviewed by IU. Popov Nov vrem 20 no 47 30-31 N '62.

Africa looks toward the future. V. Katin. Vneah. torg 42 no. 11, 32, 34 '62.

Continent in the process of liberation. Vneah. torg. 42 no. 11:32-33 '62.

"I speak for freedom; a statement of African ideology" by Kwame Nkrumah Reviewed by Ov Mulikian Nar Az i Afr no 6 154-157 '62

AFRICA—PORTUGUESE COLONIES
Bondarevskii, G. L. [Portuguese colonizers are the enemies of African peoples] Portugal'skie kolonizatory - vragi narodov Afriki Moskva, Gospolitizdat, 1962. 102 p. (Afrika segodnia)

On the eve.... Alvaro Costa. Nov. vrem. 20 no 48: 16-17 N '62.

AFRICA—TRADE UNIONS
Sabsovich, R. [The trade-union movement in Africa] Profsoiuznoe dvizhenie v Afrike, materialy k lektsii po kursu istorii profsoiuznogo dvizhenia za rubezhom dlia studentov zaochnogo otdelenila. Leningrad, Leningr. vysshaia shkola profdvizhenila VTsSPS, 1962. 29 p.

AFRICA—WATER RESOURCES DEVELOPMENT
Blue treasures for the "black" continent. Znan ia pratsia no 9:7 S '62.

AFRICA, EAST—MOUNTAINS
Vertical relief zonation in the mountains of the tropical zone. M. P. Zabrodskaia. Izv. Vor otd. Geog. ob-va no. 3 141-146 '61

AFRICA, NORTH—SLAVS
New data on the Slavs in North Africa in the tenth century. V. M. Belila. Ukr. ist. zhur. 6 no 5:111-113 S-O '62

AFRICA, SOUTH—POLITICAL PARTIES
Foundation of the African National Congress. A. B. Davidson Nar. Az i Afr no 6.78-88 '62

AFRICA, SOUTH—POLITICS
"The unholy alliance; Salazar - Verwoerd - Welensky" [in English] by R. Ainslie. Reviewed by V. Sidenko. Nov. vrem. 20 no 49:29-31 D '62.

AFRICA, WEST—ART
"The art of western tropical Africa" by IU. Lebedev. Reviewed by N. I Grigorovich Nar. Az. i Afr. no 6:187-190 '62.

AFRICAN STUDIES
Scholarly approach to the study of African problems [in Russian and English]. Kwame Nkrumah Nar Az. i Afr. no. 6 3-4 '62.

AFRICAN STUDIES—BIBLIOGRAPHY see Bibliography—African studies

AFRICAN STUDIES—PERIODICALS
A new journal dedicated to tropical Africa V. A. Subbotin Nar Az i Afr no 6:150-153 '62.

AFTERIMAGES
Electroencephalographic characteristics of visual afterimages in some mental diseases. A. A. Megrabian, S. L. Avakian, R. K. Arutiunian. Trudy Erev. med. inst. no. 11:373-381 '60.

AGAR
Effect of the temperature of the heating surface on the output and quality of agar in alkaline cooking of Ahnfeltia. V. A Evtushenko, V. K. Pochkalov. Ryb. khoz. 38 no. 5:73-75 '62.

AGAR—STERILIZATION
Closed method of preparing casein-carbon agar. V. B. Alferova, A D. Moiseeva, O. E Samoilova. Trudy TashNIIVS 6:53-56 '61.

AGARKOV, MIKHAIL MIKHAILOVICH, 1890-1947
In memory of M. M. Agarkov. Izv. vys. ucheb. zav.; prav. 6 no. 3 188-189 '62.

AGE AND EMPLOYMENT
Seventy years of work. P. Vdovichenko. Agitator no. 24:18 D '62.

AGGLUTININS
Determination of α and β agglutinins in saliva. O. S Budiakov. Sud. -med. ekspert 5 no. 4:30-32 O-D '62.

AGGLUTINOGENS
Capacity of anti-P heteroimmune sera to detect agglutinogen P in preserved and nonpreserved blood kept in a liquid state at various temperatures. M. V Mirskova. Sud. -med ekspert. 5 no. 4.33-37 O-D '62

AGGREGATES
On the feasibility of approximation in certain regions by linear aggregates from derivatives of an analytic function. IU. A. Kaz'min. Sib. mat zhur. 3 no 6:942-955 N-D '62.

AGGREGATES (BUILDING MATERIALS)
(see also subdivision under Moscow Province; White Russia)

Economic efficiency of producing and using keramzit, agloporite and slag "pumice" S N Lazarevich and others Stroi mat 8 no 10 12-16 O '62

For expanding the production of porous aggregates for lightweight concretes in every way Stroi mat 8 no 10 1-2 O '62

Porous aggregates from furnace slags. V. I Ovsiankin, M. P. Elinzon. Izv ASIA no 3 114-119 '62

Thermotechnical calculation of thawing and heating of aggregates by water V. I. Mukha Izv. AbiA 4 no 1 118-125 '62.

AGGREGATES (BUILDING MATERIALS)—CONGRESSES
Conference on problems of the use of carbonate aggregates. O. Vnukolovskyi, V. Lndyzhenskyi, D. Ugin [et al.] Stroi. mat. i konstr. 4 no. 5:62-64 S-O '62.

AGRANULOCYTOSIS
Appearance of agranulocytosis during the use of penicillin. E. M. Maitgolz. Vrach. delo no. 6:138-139 Ag '62

AGRICULTURAL ADMINISTRATION
(see also subdivision under Gomel' region; Moldavia)

All toilers should participate in the administration of Soviet enterprises and farms, organizational principles of collective and state farm management. The planning of collective and state farm farming, potential means of increasing the output of agricultural products, how to carry out and exceed the plans of collective and state farm farming I. Shevchuk Komm Moldav 7 no. 10 55-75 O '62.

Basic functions of regional collective and state farm administrations. A. M. Kalandadze. Izv. vyz. ucheb. zav., prav. 6 no. 3:48-58 '62.

Kovalevskyi, B. P. [Powerful weapon in the building of communism; the consolidation of the alliance of the laboring class and the collective-farm peasantry in the period of the large-scaled building of communism] Mohutnia syla pobudovy komunizmu; zmitsnennia soiuzu robitnychoho klasu i kolhospnoho selianstva v period rozhornutoho komunistychnoho budivnytstva. Kyiv, Derzhpolitvydav URSR, 1962. 103 p.

[Proved by life] Proverka zhizn'iu. Moskva, Izd-vo "Sovetskaia Rossiia," 1962. 21 p.

A self-conceited director. G. Lugovoi. Part. zhizn' Kazakh. 32 no. 11:58-61 N '62.

AGRICULTURAL ADMINISTRATION—COMMUNICATION SYSTEMS
Dispatcher communications of regional collective and state farm administrations. I. E. Antonenko Vest. sviazi 22 no. 10:20-21 O '62.

AGRICULTURAL CHEMICALS
Effective protection for large crops. V. V. Kosov. Zashch. rast. ot vred. i bol 7 no. 5:5-7 My '62

New preparations A. Zen'kevich. Zashch rast. ot vred i bol. 7 no 5:55 My '62.

Replenishing the assortment of poisonous chemicals (continuation). A. M. Nikiforov. Zashch rast ot vred i bol. 7 no 7:35-36 Jl '62

Role of heavy industry in creating and developing the supply of materials and equipment for U. S. S. R. agriculture. M. D. Glebov. Vop. stat. i ucheta no. 5 5-41 '61.

AGRICULTURAL CHEMICALS—SAFETY MEASURES
Precautionary measures in using dinitroorthocresol. E. N. Burkatskaia. Zashch. rast. ot vred. i bol. 7 no. 3:41-42 Mr '62.

AGRICULTURAL CHEMISTRY
Application of chemistry in agriculture. S. I. Vol'fkovich. Priroda 51 no. 11:24-32 N '62.

Fruitful force. Oleg Plasrzhevskii. Oktiabr' 38 no. 6. 168-175 Je '62.

AGRICULTURAL CHEMISTRY—CONGRESSES
Conference on the chemicalization of agriculture. N. M Zashch rast. ot vred i bol. 7 no. 7.62 Jl '62

Put chemistry in the service of stockbreeding. M. Taranov. Vest. sel'khoz. nauki 7 no. 9:154-156 S '62.

AGRICULTURAL CHEMISTRY—RESEARCH

Immediate tasks in the field of agricultural chemistry. Z.I.Zhurbitskii, A.V.Peterburgskii. Vest.AN SSSR 32 no.11 76-79 N '62.

AGRICULTURAL CHEMISTRY—STUDY AND TEACHING

Agrochemical knowledge for rural students. S.V.Dilakovich. Shkola i proizv. 6 no.5 28-31 My '62

AGRICULTURAL COLLEGES see subdivision under Kazakhstan

AGRICULTURAL COURTS AND PROCEDURE see subdivision under Znamenka District

AGRICULTURAL CREDIT see subdivision under Japan, White Russia

AGRICULTURAL EDUCATION see subdivision under Sweden

AGRICULTURAL EDUCATION—CURRICULA

Give serious attention to the economic training of personnel. A.Il'ichev. Ekon.sel'khoz. 33 no.10 113-115 O '62.

AGRICULTURAL EXHIBITIONS see subdivision under Moscow

AGRICULTURAL GEOGRAPHY see subdivision under Central Russian Upland

AGRICULTURAL IMPLEMENTS

Assembly of spray nozzles. N.Belozerov. Sel'.mekh. no.11 29 '62.

Improvement of furrowing shares. P.Vodolazov, P.Filippenko. Sel' mekh. no.4;28-29 '62

A rake-type manure scraper. V.Odintsev. Sel'.mekh. no.11 31 '62.

AGRICULTURAL LAWS AND LEGISLATION

Laws which ensure the effective use of land. N.M. Borodanov. Sov.gos.i pravo 32 no.11:104-108 N '62.

AGRICULTURAL LAWS AND LEGISLATION—BIBLIOGRAPHY see Bibliography—Agricultural laws and legislation

AGRICULTURAL MACHINERY
(see also subdivision under United States)

[Agricultural machinery] Sel'skokhozyaistvennye mashiny. [By] I.S.Ivanov i dr. Moskva, Mashgiz, 1962. 663 p.

Bushing made from a rod. K.Serdiuk. Sel'.mekh. no.11 30 '62.

But time doesn't wait. L.Ermilov. Sel'.mekh. no.11:9-11 '62.

From unpublished letters. Sel'.mekh. no.11:16 '62

Improvement of a conveyer. I.Kukhtin. Sel'.mekh. no.11:29 '62.

In the joint Scientific and Technological Council. I.N. Vlasov. Zemledelie 24 no.10,85-86 O '62.

A machinery operator should always be learning. G.Neznaiko, V.Poltanskii. Sel'.mekh. no.11,24 '62.

Machinery should be well taken care of from the start. A.Timofeev. Sel' mekh. no.11:12-13 '62.

New machines for flax weeding and hat vesting. L.Khatis, V.Riabokobylenko. Ekon.sel'khoz. 33 no.10:78-80 O '62.

People with a true conscientiousness of Soviet farmers. I.Sterkin. Sel'.mekh. no.11:16-18 '62.

Persistently strive to learn how to operate machinery. Sel'.mekh. no.11-1-2 '62.

Rogliakov, V.N. [Over-all mechanization of corn growing and harvesting] Kompleksnaia mekhanizatsiia vozdelyvaniia i uborki kukuruzy. Moskva, Izd-vo M-va sel'. khoz. RSFSR, 1962. 61 p.

Shatunovskii, O.M. [Engineering efficiency and the economic effectiveness of agricultural machines] Tekhnologichnost' konstruktsii i ekonomicheskaia effektivnost' sel'skokhoziaistvennykh mashin. Izd.2., perer. Moskva, Mashgiz, 1962. 443 p.

Smirniagina, A.A. [Machinery for farms] Tekhnika - selu. Moskva, Izd-vo "Znanie," 1962. 31 p. (Novoe v zhizni, nauke, tekhnike. V Serii: Sel'skoe khoziaistvo, no.21)

There is no concern for people and machinery. A.Forlenko. Sel'.mekh. no.4:17 '62.

AGRICULTURAL MACHINERY—ABSTRACTS

[Tractors and agricultural machinery] Ref.zhur. Otd. vyp.44: Trakt.i sel'khoz.mash. nos.21,23-24 N-D '62.

AGRICULTURAL MACHINERY—BIBLIOGRAPHY see Bibliography—Agricultural machinery

AGRICULTURAL MACHINERY—HYDRAULIC EQUIPMENT

Kochurov, N.I., and V.I.TSvetnikov. [Hydraulic systems of tractors and agricultural machines] Gidravlicheskie sistemy traktorov i sel'skokhoziaistvennykh mashin. Moskva, Mashgiz, 1962. 176 p.

AGRICULTURAL MACHINERY—MAINTENANCE AND REPAIR
(see also subdivision under Ivanov Province)

Accuracy should have precedence. D.Zinger. Sel'.mekh. no.4;22 '62.

Efficiency experts report... Sel'.mekh. no.4 32 '62.

From the editor's mail. Sel'.mekh. no.4;44 '62.

Their conscientious work is a testimony of their reliability. V.Orlovskii. Sel'.mekh. no.11 20-21 '62.

Workshop for repairing agricultural equipment on the "Zarya Kommunizma" state farm. E.Pokrovskaia. Sel' stroi no.8,11-13 Ag '62

AGRICULTURAL MACHINERY—STORAGE

Mikhailov, I.N., and A.V.Morshin. [Proper storage of machinery] Kak pravil'no khranit' mashiny. [Moskva] Mosk. rabochii, 1962. 35 p. (Sovety molodomu mekhanizatoru)
(DNAL)

AGRICULTURAL MACHINERY INDUSTRY
(see also subdivision under Kishinev; Rostov-on-Don)

Role of heavy industry in creating and developing the supply of materials and equipment for U.S.S.R. agriculture. M.D.Glebov. Vop.stat.i ucheta no.5 5-41 '61.

AGRICULTURAL MICROBIOLOGY—CONGRESSES

Conference on Agricultural and Soil Microbiology in Tashkent [in Latvian] A.Eglite, V.Mezaraupe, D.Pavlovica. Izv.AN Latv.SSR no.4 147-150 '62.

AGRICULTURAL POLICY

Agricultural and industrial organizations. P.Strelets. Ekon.sel'khoz. 33 no.10:16-27 O '62.

Consolidation of the alliance of workers and collective farmers. B.Kovaliva'kyi. Rad.pravo no.6 16-21 N-D '62.

AGRICULTURAL RESEARCH
(see also subdivision under Armenia, Estonia, Latvia)

Michurin's theories are inseparable from the collective and state farm practice. Zemledelie 24 no.10,3-5 O '62

AGRICULTURAL WAGES
(see also subdivision under Europe, Eastern; Moldavia)

Advantages of the piecework bonus wage system. M.Mitrokhin. Ekon.sel'khoz. 33 no.10 35-41 O '62.

Charges for carrying passengers. Sel'.mekh. no.4;27 '62.

In brief about new developments. Sel'.mekh. no.11:28 '62.

A new system for monetary awards. Sel'.mekh. no.11:26-27 '62.

Wages for state farm workers are paid according to their production. L.Maksimov, V.Zakladnoi, F.Ovchinnikov. Ekon.sel'khoz. 33 no.10 63-70 O '62.

Wages of a brigade leader, assistant, and checker. Sel'.mekh. no.4;26 '62.

Wages of truck drivers. Sel'.mekh. no.4;26-27 '62.

AGRICULTURAL WORKERS
(see also subdivision under Azerbaijan; Czechoslovakia, Krasnodar Territory; Tselinograd Province; Ukraine, Uzbekistan, Virgin Territory; Zhashkov)

Be dynamic in your work, comrade machinery operators! Sel'.mekh. no.4;1-3 '62

But time doesn't wait. L.Ermilov. Sel'.mekh. no.11:9-11 '62.

Concerning the protection of labor. D.Burnasheva. Sel'.mekh. no.11 27-28 '62.

A few words about praiseworthy workers. S.Khalikhov, I.Zhidkov, V.Kaplin. Sel'.mekh. no.11:25 '62.

From unpublished letters. Sel'.mekh. no.11:19 '62.

An honorable title. Sel'.mekh. no.11;2 '62.

In a field crew of communist labor. S.Naumov. Sel'.mekh. no.11,14-15 '62.

A machinery operator should always be learning. G.Neznaiko, V.Poltanskii. Sel'.mekh. no.11 24 '62.

Neighbors of the third astronaut. V.Volin, A.Emel'ianov. Sel'.mekh. no.11:6-8 '62.

People with a true conscientiousness of Soviet farmers. I.Sterkin. Sel'.mekh no.11:16-18 '62

Persistently strive to learn how to operate machinery. Sel'.mekh. no.11:1-2 '62.

Supply each collective and state farm with a permanent labor force. Ekon.sel'khoz. 33 no.10:3-8 O '62.

Their conscientious work is a testimony of their reliability. V.Orlovskii, Sel'.mekh. no.11 20-21 '62

There, where Il'ich lived. IU.Alin, Sel'.mekh. no.4:4-5 '62.

Thirty years on a tractor. P.Merkulov. Sel'.mekh. no.4;5 '62

We should have pride in the Soviet farmer. V.Kot, P.Kozlova. Sel'.mekh. no.11:3-5 '62.

When the workers help. N.Sakhnovskii. Sel'.mekh. no.4;23 '62.

AGRICULTURAL WORKERS—EDUCATION AND TRAINING

From the editors mail. Sel'.mekh. no.4;44 '62

AGRICULTURE
(see also subdivision under Africa, Bel'tsy District, Canada; Ivnya District, Kazakhstan; Kirgizistan; Krasnoyarsk Territory, Labinsk District; North America, Ryazan Province, Sumy Province; Turkmenistan, Ukraine, Uzbekistan, White Russia)

Agricultural and forestry workers on the eve of their Fourth International Trade-Union Conference. S.Egurazdov. Vsem prof.dvizh. no.10,40-45 O '62.

"Agricultural evaluation of the quality of field work" by S.S.Rubin. Reviewed by K.V. Visnyi sil'hosp nauky 5 no.6 123-124 Je '62

Agricultural specialists facing new tasks. Zemledelie 24 no.6 3-5 Je '62

"The building of communism in the U.S.S.R. and agricultural development," Vol. 1. Book review. Ekon. sel'khoz. 33 no.10 9 O '62.

Controlling dust storms. N.V Vasil'ev. Zemledelie 24 no.10 76 O '62

Increase the assistance to agriculture. Neftianik 7 no.4:1-2 Ap '62

Intensification is the best method of the development of Soviet agriculture. K.Lapkin. Komm.Uz. 34 no.5 39-46 My '62.

Items from the December issues of agricultural journals (1960). Zhivotnovodstvo 23 no.2;93 F '61.

Land as an inexhaustible source of our wealth. S.E. Beshulia. Zhivotnovodstvo 22 no.2 16-21 F '60

Life revolted against grassland farming. I.Gunar. Nauka i zhizn' 29 no.5 2-10 My '62.

Polishkova, N.A. [Principal path of the development of agriculture] Glavnyi put' razvitiia sel'skogo khoziaistva. Moskva, Izd-vo "Znanie," 1962. 36 p. (Novoe v zhizni, nauke, tekhnike. III Seriia: Ekonomika, no.22)

[Propaganda of progressive experience in clubs] Propaganda peredovogo opyta v klubakh. Moskva, Sovetskaia Rossiia, 1962. 95 p. (Bibliotechka sel'skogo klubnogo rabotnika, no.5)

Soil fertility and problems of the intensification of agricultural production. V.Soldatov, A.Pikul'kin. Nauch. dokl.vys.shkoly, ekon.nauki 5 no.6 21-28 '62.

Third Plenum of the Central Council of the Volunteer Sport Society, "Urozhai," of the Russian Federation. Teor.i prak.fiz.kul't 25 no.6,77-79 Je '62.

TSyganov, V.M. [Work of patrons in the country] Shefskaia rabota na sele. [Moskva] Profizdat, 1962. 62 p. (Bibliotechka profsoiuznogo aktivista, no.21(45))

What the agronomists have to say. Zemledelie 24 no.6 6-10 Je '62.

AGRICULTURE—ACCIDENTS see subdivision under Yezerishche District

AGRICULTURE—ACCOUNTING
(see also subdivision under Mar'inka District, Rostov Province; Ukraine)

Annual report. Uchet i fin.v kolkhoz.i sovkhoz. 19 no.11:2-4 N '62.

Brief news. Uchet i fin.v kolkhoz.i sovkhoz. 19 no.7 61-64 Jl '62

Combine the preparation of annual and future plans. A.Pilipenko. Ekon.sel'khoz. 33 no.10 111-112 O '62.

Improve the compilation of financial plan indices and reports of state and collective farms. T.Mikushkin. Ekon.sel'khoz. 33 no.10 109-110 O '62.

In the Ministry of Agriculture of the R.S.F.S.R. IU.V. Vasil'ev. Uchet i fin.v kolkhoz.i sovkhoz. 19 no.11 61-62 N '62.

Nedelin, S.I. [Analysis of the economic operations of agricultural enterprises] Analiz khoziaistvennoi deiatel'nosti sel'skokhoziaistvennykh predpriiatii. Moskva, Sel'khozizdat, 1962. 271 p.

Urgent tasks of accounting mechanization. S.P.Kutsenko. Uchet i fin.v kolkhoz.i sovkhoz. 19 no.11:5-9 N '62.

AGRICULTURE—ACCOUNTING—BIBLIOGRAPHY see Bibliography—Agriculture—Accounting

AGRICULTURE—AUDITING AND INSPECTION see subdivision under Dnepropetrovsk Province, Tatar A.S.S.R.

AGRICULTURE—BIBLIOGRAPHY see Bibliography—Agriculture

AGRICULTURE—COSTS

Means for lowering the cost of production of livestock products. M.Huk. Komm.Ukr. 36 no.10;24-43 O '62.

Using coefficients in calculating the costs of agricultural production. M.Z.Pizengol'ts, A.P.Vnlava. Uchet i fin.v kolkhoz.i sovkhoz. 19 no.7 39-41 Jl '62.

AGRICULTURE—ECONOMIC ASPECTS
(see also subdivision under Czechoslovakia; European Economic Community Countries; Odessa Province)

Buzdalov, I.N. [Intensification of agricultural production] Intensifikatsiia sel'skokhoziaistvennogo proizvodstva. Moskva, Ekonomizdat, 1962. 150 p.

AGRICULTURE — ECONOMIC ASPECTS (Continued)
L'vov, Universytet. [Social and economic sciences; collected works of the graduate students of the departments of social sciences] Sotsial'no-ekonomichni nauki; zbirnyk robit aspirantiv kafedr suspil'nykh nauk. [L'viv], 1961. 244 p
The year 1962, facts and figures. Agitator no.24:10-14 D '62.

AGRICULTURE—ECONOMIC ASPECTS—BIBLIOGRAPHY see Bibliography—Agriculture—Economic aspects

AGRICULTURE—EXPERIMENTATION see subdivision under Kirovskiy District (Ossetia, North); Leningrad Province

AGRICULTURE—FINANCE see subdivision under Tashkent Province

AGRICULTURE—HYGIENIC ASPECTS see subdivision under Tambov Province

AGRICULTURE—LABOR PRODUCTIVITY (see also subdivision under Yashkino District)
Collective farm "hangers-on." P. Lukina. Part. zhizn' Kazakh. 32 no. 10:62-64 O '62.
General mechanization to grow corn with the least expenditure of labor A. N Vladychanskii, N S Krivchikov, G K. Stromin Trudy Stavr sel'khoz inst no 9 193-199 '60.
Good name of Soviet toilers. Aliaksandr Mironau. Rab. i sial. 38 no. 11 1-2 N '62.
Group work on the problem "growth of labor productivity in agriculture." A. Glukhov. Nauch. dokl. vys. shkoly; ekon. nauki 5 no. 6:122-123 '62.
The high calling of the "builders of communism." Komm. Ukr. 38 no. 10:25-23 O '62
Mashenkov, V. F. [Ways for increasing labor productivity in agriculture] Puti povysheniia proizvoditel'nosti truda v sel'skom khoziaistve. Moskva, Ekonomizdat, 1962. 66 p. (Ekonomicheskoe samoobrazovanie)
Zaglada, N. G., I. D. Leonov, and V. A. Karpinskii. [Soviet people are the builders of communism] Sovetskie liudi - tvortsy kommunizma Moskva, Gospolitizdat, 1962. 30 p.

AGRICULTURE—STATISTICS see subdivision under United States

AGRICULTURE—STUDY AND TEACHING (see also subdivision under Gorkiy Province)
Independent work of students. V A. Puzanov Sred. spets obr. 9 no 8 18-50 Ag '62
Is such a reorganization right? A Stetsenko Nar. obr no 11 50 N '62
Student brigade as a reliable form of connection between schools and agriculture N. P. Mislavskii Shkola i proizv. 6 no. 5:58-61 My '62.
We are preparing children for work. G. Zapatov. Nar obr. no 12 40-42 D '62.
What have we learned from our field experiments V. Pallanskou, E. Nikishchanka Nar. osv. no. 10:55-56 O '62.
When training is related to life A. Alekseev. Nar. obr no 11 51-53 N '62

AGRICULTURE, COOPERATIVE see subdivision under Czechoslovakia; Cuba; Kirghizistan, Ukraine

AIR—POLLUTION see subdivision under Leningrad

AIR—PURIFICATION see subdivision under Armenia

AIR, IONIZED
Air ionization in franklinization. M. I. Salmanova. Vop. kur., fizioter. i lech. fiz. kul't. 27 no. 2:139-141 Mr-Ap '62.
Hygienic significance of aeroionization. A. A. Minkh. Zdrav. Bel. 7 no. 11:31-35 N '61.

AIR, IONIZED—THERAPEUTIC USE
From technology to everyday life. Nauka i zhizn' 29 no 5 110 My '62.

AIR, MOISTURE OF see Humidity

AIR COMPRESSORS
Automatic control of piston compressors. L. N. Arkhangel'skii. Sbor. trud. Inst. gor. dela AN URSR no. 12:93-97 '61.
Design of the exhaust system for a group of compressors during supercharging. N. M. Barannikov. Izv. vys. ucheb. zav.; gor. zhur. 6 no. 9:139-144 '62.
"Piston compressors" by M. I. Frenkel', Reviewed by M. M. Dubinin, P. A. Gladkikh. Vest. mashinostr. 42 no. 11:89 N '62.

AIR COMPRESSORS—TESTING
Experimental study of the 200 V-10/8 compressor operating with and without supercharging under high-mountain conditions. N. M. Barannikov. Izv. vys. ucheb. zav., gor. zhur 5 no 10:125-130 '62.

AIR CONDITIONING
Ladyzhenskii, R. M. [Air conditioning] Konditsionirovanie vozdukha. 3, izd., perer. i dop. Moskva, Gosstorgizdat, 1962. 350 p.

AIR-ENTRAINED CONCRETE
Economics of manufacturing air-entrained concrete elements A. N. Krashennikov, E. A. Vlasova. Stroi. i arkhit. Len. 24 no. 10:23-25 O '62.

AIR FLOW
Heat transfer in turbulent air flow in an annular gap between rotating coaxial cylinders [with summary in English]. S. I. Kosterin, IU P Finat'ev Inzh.-fiz. zhur. 5 no 8:3-9 Ag '62

AIR GUNS
New air guns. M. Zuev. Voen. znan. 38 no. 11:30-31 N '62.

AIR PILOTS
Honor and conscience of a Soviet air pilot. A. Rytov. Av. i kosm. 45 no. 11 2-7 '62
"Pilot and the airplane" by V. G. Denisov, R. N Lopatin. Reviewed by S Evgen'ev. Av. i kosm. 45 no. 11:85 '62.

AIR PILOTS—CORRESPONDENCE, REMINISCENCES, ETC.
[Winged generation; reminiscences on aviators of three generations] Krylatoe plemia; vospominaniia o letchikakh trekh pokolenii Moskva, Voenizdat, 1962. 147 p

AIR PUMP—TESTING
Results of tests of a sinking pneumatic piston pump with a special pipe for removing mud from drilling fluid. A N Bazhutin. Razved. i okhr. nedr 28 no. 10 54-57 O '62.

AIR WARFARE
To look and to see I Fedorov Starsh.-serzh no 9 14-15 S '62

AIRLINES
Cookery for airplane passengers. O. Narkevich. Obshchestv. pit. no 10:54-57 O '62.

AIRPIPES—TESTING
Aerodynamic capacities of imported flexible air ducts. N. A. Bogomolov. Sbor. trud. Inst. gor. dela AN URSR no. 12 76-86 '61.
Determining the coefficient of hydraulic resistance of mine pipes for compressed air. L. V. Sidorenko. Sbor. trud. Inst. gor. dela AN URSR no. 12:87-92 '61.

AIRPLANES—DESIGN AND CONSTRUCTION
Airplanes of 1962. N. Listvin. Av. i kosm. 45 no. 11: 88-91 '62.
In the air. V Rosheinkov Znan ta pratsia no. 9:20-21 S '62.

AIRPLANES—ELECTRIC EQUIPMENT
Parallel work of the APA-2. V. Chilingarian. Av. i kosm. 45 no. 11:81-83 '62.

AIRPLANES—HANDLING CHARACTERISTICS
Stability and control handiness of a supersonic airplane. I. Pashkovskii. Av. i kosm. 45 no. 11:46-54 '62.

AIRPLANES—LANDING
On the glide path. F. Shinkarenko, E. Sukhorukov Av. i kosm. 45 no 11 32-39 '62

AIRPLANES—MAINTENANCE AND REPAIR
It is about you, aircraft technician. V. Koblikov. Av. i kosm. 45 no. 11:63-65 62

AIRPLANES—MATERIALS
Vul'f, B. K., and K. P. Romadin. [Structure and properties of aircraft metals] Aviatsionnoe metallovedenie 2. izd., perer. i dop. Pod red. I. I. Kornilova. Moskva, Oborongiz, 1962. 503 p.

AIRPLANES—PILOTING
Calculating the speed and altitude of the flight. A. Azarov. Av. i kosm. 45 no. 11:40-45 '62.
"Pilot and the airplane" by V. G. Denisov, R. N. Lopatin. Reviewed by S. Evgen'ev. Av. i kosm. 45 no. 11:85 '62.

AIRPLANES—TURBINE-PROPELLER ENGINES
Investigating the dynamics of automatic control of a turboprop engine having a limiter of the negative thrust. L. N. Gestsov, T. S. Martianova. Avtom. reg. aviadvig. no. 4:103-116 '62.

AIRPLANES—TURBOJET ENGINES
Performance of an air intake and inlet control system in a turbulent atmosphere. V. I. Novikov. Avtom. reg. aviadvig. no. 4:33-62 '62.
Reliability and increase of potentialities of control and fuel-supply devices of gas-turbine engines. G. P. Anuchkin. Avtom. reg. aviadvig. no. 4:95-102 '62.
Some characteristics of the centrifugal nozzle of gas-turbine engines. A. M. Prokhov. Avtom. reg. aviadvig. no. 4:110-134 '62.
Some simple time-regulator circuits insuring the speeding-up of a turbojet engine according to given parameters. IU. V. Liubomudrov. Avtom. reg. aviadvig. no. 4:63-69 '62.

AIRPLANES, MILITARY
Detachment has received new airplanes. A. Chumachenko, S. Mukha. Av. i kosm. 45 no. 11:58-62 '62.

AIZENBERG, BORIS L'VOVICH, 1902-
B. L. Aizenberg; on his 60th birthday. M. V. Kostenko and others. Elektrichestvo no. 11:94 N '62

AKERA VALLEY—GEOLOGY
Geology of the Sevan-Akera zone (Akera middle basin). E. Sh. Shikhalibeili. Trudy Inst. geol. AN Azerb. SSR. 22 45-101 '62.

AKHMAROV, CHINGIZ
Precocos of Chingiz Akhmarov. Abdullai Umarov. Uzbekiston 21 no. 10:14 '62.

AKHUNDOV, M. F. see Fath 'Ali, Akhund-zada, 1812-1878

AKKERMANOVKA REGION—IRON ORES
Dressing of Akkermanovka ores and sintering of the concentrates produced. F. I. Kolesanov and others. [Sbor. trud.] Nauch.-issl. inst. met. no. 4 44-53 '61.

AKMOLINSK PROVINCE see Tselinograd Province

AKSTAFA VALLEY—ANTIQUITIES
Akstafachay settlement near the city of Kazakh. I. G. Narimanov, G. S. Ismailov. Sov. arkheol. 6 no. 4 149-156 '62.

AKTYUBINSK—IRON INDUSTRY
On the path of technological progress. V. Makotchenko. Part. zhizn' Kazakh. 32 no 10:44-47 O '62.

ALA-TAU, DZUNGARIAN see Dzungarian Ala-Tau

ALA-TAU, TALAS see Talas Ala-Tau

ALA-TAU, TERSKEI see Terskei Ala-Tau

ALAGEZ, MOUNT see Aragats, Mount

ALANINE
Potential antimetabolites. Part 2: Preparation of substituted α-(pyrimidyl-2-methyl)-α-aminomalonic esters and a new synthesis of β-(4-oxy-6-methyl-2-pyrimidyl) alanine. IU. P. Shvachkin and others. Zhur. ob. khim 32 no. 10 3144-3148 O '62.

ALASKA—ESKIMOS—ANTIQUITIES
Origin of the economy of the sea hunters in the northern part of the Pacific Ocean [with summary in English] Chester S Chard Sov. etn no 5 94-99 S-O '62

ALASKA, GULF OF—FISHES
Results of ichthyological studies performed in the Gulf of Alaska on two expeditions of the research vessel "Ametist" in 1960 and 1961. T. G Liubimova. Okeanologiia 2 no. 5:935-937 '62.

ALAVERDI DISTRICT—PETROLOGY
Jurassic subvolcanic formations in the Alaverdi ore region. P. F. Sopko, N. M. Chernyshov. Izv. vys. ucheb. zav., geol. i razv. 5 no. 9:85-97 Ag '62.

ALAY RANGE REGION—LIMESTONE
Secondary changes in Paleozoic limestones in the Kalar massif. V F Batsman Izv. AN Kir. SSR. Ser. est. i tekh nauk 4 no. 3:133-139 '62.

ALBINOS AND ALBINISM
Some characteristics of metabolism in variegated plants. B. A. Rubin, I. A. Chernavina, T. E. Krendeleva. Dokl AN SSSR 147 no. 1:240-243 N '62

ALBIZZIINE
Preparation of willardine from albizziine. IU. P. Shvachkin, M. T. Azarova. Zhur. ob. khim 32 no. 10 3448-3449 O '62.

ALBOMYCIN
Catalytic decomposition of albomycin on the SDV-3 ion exchange resins. G. V. Samsonov, L. M. Sirenko. Trudy Len. khim.-farm. inst. no. 15:221-223 '62.
Frontal displacement chromatography of albomycin on cation exchange resins. G. V. Samsonov, G. E. El'kin, A. I. Gitman. Trudy Len. khim.-farm. inst. no. 15: 211-219 '62.
Frontal process of albomycin sorption on anion exchangers; report No. 2. G. V. Samsonov, V. IA. Vorob'eva. Trudy Len. khim.-farm. inst. no. 15:205-209 '62.
Sorption of albomycin by anion exchangers; report No. 1. G. V. Samsonov and others. Trudy Len. khim.-farm. inst. no. 15:197-203 '62.

ALBUGO
White rust on sunflowers. N. S. Novotel'nova. Zashch. rast. ot vred. i bol. 7 no. 7:57 Jl '62

ALCOHOLISM
At the gates of a factory. I. Smirnova. Rab. i sial. 38 no. 11:16 N '62.
Some structural characteristics of psychosis (acute alcoholic hallucinosis) [with summary in French] A. S. Bobrov. Zhur. nevr. i psikh. 62 no. 6:897-902 '62.

ALCOHOLISM AND CRIME
Alcoholism as a factor of crime. B. S. Beisenov. Trudy Inst. filos. i prava AN Kazakh. SSR 6:199-218 '62.

ALCOHOLS

Preparation of aldehydes and ketones by a combined catalytic oxidation and dehydrogenation of alcohols R M Flid, A.E. Krasotkin. Kin. i kat. 3 no. 2 282-286 Mr-Ap '62.

Preparation of polyatomic alcohols - trimethylolpentane and trimethylolisobutane M M Ketslakh, D. M Rudkovskii, F. A. Eppel' Khim. prom no 9 666-670 S '62.

Reactions of benzenesulfonyl chloride with alcohols and phenols. K.A Zaitz, V D. Liashenko Zhur ob khim 32 no. 11:3633-3638 N '62

Selenophene chemistry. Part 41 Reaction of 2-chloromethylselenophene with amino alcohols. IU.K.IUr'ev, M.A.Gal'bershtam, G.G. Rozantsev. Zhur ob. khim. 32 no. 11:3562-3567 N '62.

Sulfatization of aliphatic alcohols from unsaponifiable-H by chlorosulfonic acid V. I. Babaev, N. I Bazhenova, M. D Zavistovskaia. Masl.-zhir prom 28 no 7 23-24 Jl '62.

Synthesis and conversions of oxygen-containing unsaturated organogermanium compounds. Part 15 Synthesis of mono-and diatomic tertiary γ-germanium acetylenic alcohols and some of their derivatives I A. Shikhiev, I. A. Asianov, B. G. IUsufov Zhur. ob khim. 32 no. 10:3148-3151 O '62.

Synthesis of esters and other derivatives of carboxylic acids under conditions of acid catalysis from carbon monoxide, olefins, and acylating compounds. Part 8. Synthesis of carboxylic acids and their esters from C_3 - C_5 alcohols and carbon monoxide. IA. T. Lidak, K. V Puzitskii, K. G. Rishova, Zhur. ob. khim. 32 no. 10, 3198-3201 O '62

ALDAN PLATEAU—CHIOLITE

Sysoev, V. A. [Cambrian chiolites in the northern slope of the Aldan Shield] Khiolity kembriia severnogo sklona Aldanskogo shchita, Moskva, Izd-vo Akad nauk SSSR, 1962. 65 p.

ALDAN PLATEAU—GEOLOGY, STRATIGRAPHIC

Archean stratigraphy of the southwestern part of the Aldan Shield A G. Kats. Trudy VAGT no 8 90-92 '62.

New data on the Archean stratigraphy of the southeastern part of the Aldan Shield. IU. B. Kazmin, I Z. Filippovich, G. B. Gimmel'farb. Trudy VAGT no 8 85-90 '62.

ALDAN PLATEAU—MUSCOVITE

New data on muscovite-bearing pegmatites in the southeastern part of the Aldan Shield V S. Kogen Trudy VAGT no. 8, 106-108 '62.

ALDAN PLATEAU—PEGMATITES

New data on muscovite-bearing pegmatites in the southeastern part of the Aldan Shield. V S Kogen. Trudy VAGT no. 8, 106-108 '62

ALDAN VALLEY—ORES—SAMPLING AND ESTIMATION

Control in the sluicing method of sampling by means of a mineralogical analysis of loose sediments without elutriation. E. E. Fedorov Trudy VAGT no. 8, 154-156 '62.

ALDEHYDES

Preparation of aldehydes and ketones by a combined catalytic oxidation and dehydrogenation of alcohols. R. M. Flid, A. E. Krasotkin. Kin. i kat. 3 no. 2:283-288 Mr-Ap '62.

ALDER

(see also subdivision under Il'men' Preserve)

Humus-gley soils of black alder forests. N. P Remezov. Pochvovedenie no. 10:10-22 O '62

ALDOLASE

Activity of the aldolase, pseudocholinesterase, and transaminases in the blood serum in epidemic hepatitis [with summary in English]. V. Torjescu and others. Vop. med. khim. 8 no. 1, 27-30 Ja-F '62.

ALEKSIN—PAPERBOARD

Cardboard factory on the Oka River. P. F. Skvernikov. Bum. prom. 37 no. 10:27-28 O '62.

ALFALFA—FERTILIZERS AND MANURES see subdivision under Mordovia

ALFALFA AS FEED

Raising young cattle on rations with increased amounts of forage corn and alfalfa. N. I. Zakhor'ev, T. M. Solov'eva. Zhivotnovodstvo 23 no. 2:41-46 F '61.

ALGAE

(see also subdivision under Barents Sea)

Comparative biochemistry of algae. G. K. Barashkov. Trudy MMBI no. 4:47-58 '62.

Effect of the temperature of the heating surface on the output and quality of agar in alkaline cooking of Ahnfeltia. V. A. Eviushenko, V K. Pochkalov Ryb. khoz. 38 no. 5:73-75 '62.

Problems of interrelations between algae and bacteria in bodies of water M. M. Tolitchenko, V. D. Fedorov. Biul. MOIP, Otd. biol. 67 no. 3:148-149 My-Je '62.

ALGAE—CULTURES AND CULTURE MEDIA

Characteristics of the dying of cells in reproducing cultures of blue-green algae V D Fedorov Biul MOIP Otd biol 67 no 3 149-150 My-Je '62.

Determining live and dead cells in the cultures of the blue-green algae Anabaena variabilis and Amorphonostoc punctiforme by the use of triphenyltetrazole chloride G. M. Ivanova, T. A Mikhailovskaia Biul MOIP Otd. biol 67 no. 3:151 My-Je '62

Obtaining maximum yields of the blue-green alga Anabaena variabilis in laboratory cultures. M. V. Gusev. Biul. MOIP. Otd biol 67 no. 3, 150 My-Je '62.

Studying the state of morphologically differentiated cells in the developing cultures of blue-green algae by the use of triphenyl-tetrazole chloride. M V Gusev, V D Fedorov Biul. MOIP, Otd biol 67 no. 3:151-152 My-Je '62.

ALGAE, FOSSIL

Use of the method of electron-microscopic replicas in studying Upper Cretaceous Coccolithophoridae. S. I. Shumenko. Dokl. AN SSSR 147 no. 2:471-473 N '62

Vologdin, A. G. [The most ancient algae of the U. S. S. R.] Drevneishie vodorosli SSSR. Moskva, Izd-vo Akad nauk SSSR, 1962. 655 p.

ALGEBRA, ABSTRACT

Commutative and anticommutative free products of algebras. A. I. Gainov. Sib. mat. zhur. 3 no. 6:805-833 N-D '62.

ALGEBRAIC CONFIGURATIONS IN HYPERSPACE see Hyperspace

ALGERIA—HISTORY

Égrétaud, Marcel. [The Algerian nation exists. Translated from the French] Alzhirskaia natsiia suchestvuet. Predisl. Fransua Bilu. Moskva, Izd-vo vostochnoi lit-ry, 1958. 198 p. (ICMILC)

ALGERIA—POLITICS AND GOVERNMENT

The historic victory of the Algerian people [with summary in English, p 223] R. G Landa Nar Az i Afr no 6 11-22 '62

"The secret dossier of Algeria, May 13, 1958-April 28, 1961" [in French] by Claude Paillat. Reviewed by A. Zlobin. Mezhdunar. zhizn' 9 no. 12, 121-124 D '62.

ALIMDZHAN, KHAMID, 1909-1944

A fighting poet [in Uzbek with summary in Russian] Kh Zikrillaeva. Obshchestv nauki v Uz. 6 no 9:39-45 '62

ALIMENTARY CANAL—DISEASES

Applying the meadowsweet Filipendula ulmaria in gastrointestinal diseases of young farm animals S S. Nazarov Zhivotnovodstvo 23 no 2 60-61 F '61.

Use of a new Soviet preparation, himaline, in treating some diseases of the gastrointestinal tract. A. M. Tumanian. Trudy Erev. med. inst. no. 11:277-279 '60.

ALIMENTARY CANAL—SURGERY

Mechanical suture for esophago-intestinal (gastric) anastomosis. T. V Kalinina and others. Klin khir. no. 8 81-82 Jl '62

ALIMENTARY CANAL—TUMORS

Neurinomas of the gastrointestinal tract N. U. Khainovskii. Sov. med 26 no 5:64-66 Je '62.

ALKALI LANDS see Saline and alkali soils

ALKALI METAL CYANIDES

Furan series. Part 23: Reaction of 2, 5-bis (chloromethyl) furan with metal cyanides. K. IU. Novitskii, IU. K. IUr'ev, V. N. Zhingareva. Zhur. ob. khim 32 no. 10:3303-3308 O '62.

ALKALI METAL HALIDE CRYSTALS

Coefficient of linear expansion of irradiated alkali halide crystals I. N Anokhina, I. G. Berzina, P. A Savintsev. Kristallografiia 7 no. 4:637-639 Jl-Ag '62.

ALKALI METAL THIOCYANATES

Reaction of iodine with alkali metal thiocyanates in solutions. Report No. 1. V. S. IAkovlev. Ukr. khim. zhur 28 no. 8:911-914 '62.

ALKALIES

(see also subdivision under Sayan Mountains)

Alkaline cleavage of isopropylbenzene hydroperoxide. Part 3. Kinetic regularities in the thermal decomposition of the $ROON_a$ - ROOH complex. V. A. Belinev, M. S. Nemtsov. Zhur. ob. khim. 32 no. 10:3113-3122 O '62.

Alkaline cleavage of isopropylbenzene hydroperoxide. Part 4: Mechanism of the reaction. V. A. Belinev, M. S. Nemtsov. Zhur. ob. khim. 32 no. 11:3483-3193 N '62.

Viscosity of alkali products obtained in the separation sections of sugar factories. E. L. Zarechanskii, A. M. Chernyi. Izv. vys. ucheb. zav. spishch. tekh. no. 4:88 '62.

ALKALINE EARTH METALS

Exchange of ions of some alkaline earth metals on carboxylic phosphate, and sulfonic resins. B. P. Nikol'skii, N. B. Vysokoostrovskaia, A. M. Trofimov Radiokhimiia 4 no. 4 512-514 '62.

ALKALOIDS

Extraction of alkaloids with the aid of ammonium iodide I. K Orazkuliev, O S Otroshchenko, A. S Sadykov Zhur ob khim 32 no 11, 3827-3828 N '62

Pharmacology of the alkaloid-containing plant, Vinca herbacea. R. A. Nazaretian Trudy Erev. med. inst. no. 11:59-67 '60.

ALKALOIDS—THERAPEUTIC USE

Use of a new Soviet preparation, himaline, in treating some diseases of the gastrointestinal tract. A. M. Tumanian Trudy Erev. med. inst. no. 11 277-279 '60.

ALKYL HALIDES

Preparation of alkyl magnesium halides from primary alkyl halides and magnesium in a hydrocarbon medium. L. I Zakharkin, O IU Okhlobystin, B. N Strunin Dokl AN SSSR 147 no. 1:108-110 N '62

ALKYLATION

Alkylation of an aromatic nucleus by dihalo compounds. Part 4: Reactions of 1, 4-chlorobromobutane, 1, 3-chlorobromopropane, and 2-methyl-1, 2-dibromopropane with benzene. L. V. Bugrova, L. P. TSukervanik Zhur. ob. khim. 32 no. 11:3575-3579 N '62.

Isomerization during the sulfuric acid alkylation of benzene by alcohols. B. V. Ioffe, B V. Stoitarov. Zhur ob. khim. 32 no. 10 3452-3453 O '62

Thiazoline and thiazolidine series. Part 1: Alkylation of 2-aminothiazoline. K. K. Kuz'mina and others Zhur. ob khim. 32 no. 10 3215-3219 O '62.

ALL-UNION COMMUNIST PARTY (BOLSHEVIK) see Communist Party of the Soviet Union

ALLANTE

Khvostova, V. A. [Mineralogy of orthite] Mineralogiia orlita. Moskva, Izd-vo Akad. nauk SSSR, 1962. 117 p. (Akademiia nauk SSSR. Institut mineralogii, geokhimii i kristallokhimii redkikh elementov. Trudy, no. 11)

ALLERGY

Allergic reaction to vaccination against tularemia. D. M. Dalmatov. Sov. med. 26 no. 10 127-128 O '62.

Histaminopexy in allergy [with summary in English]. L. M. Ishimova, IU. P. Borodin. Sov. med. 26 no. 7: 27-34 Jl '62

Hormone therapy of allergic rhinitis [with summary in English] V. Hlaváček, J. Jiříčný Zhur ush., nos i gorl bol 31 no 6 10-14 N-D '61.

Kurshakov, N. A. [Allergic diseases of the peripheral vessels] Allergicheskie zabolevaniia perifericheskikh sosudov. Moskva, Medgiz, 1962. 111 p. (DNLM)

Nonspecific syndromes in occupational diseases U. M. Tareev. Sov. med. 26 no. 6:13-24 Je '62.

Sensitivity in relation to Streptococcus in chronic colitis and enterocolitis N. I. Eliseenina. Sov. med. 26 no. 10: 114-118 O '62.

ALLIUM see subdivision under Kopet-Dag

ALLOPHANE see subdivision under Nura-Tau

ALLOXAN

Alloxazine and isoalloxazine series. Part 7 Interaction of alloxan with anilines and phenylenediamines V. M. Berezovskii, E. P. Rodionova, L. N. Gurko. Zhur. ob. khim 32 no. 10:3368-3372 O '62.

ALLOYS

Fedot'ev, N. P., and others. [Electrolytic alloys] Elektroliticheskie splavy. Pod red. N. P. Fedot'eva. Moskva, Mashgiz, 1962. 311 p.

ALLOYS—ANALYSIS

Using high-frequency heating for the determination of carbon content in alloys. S. V. Bezobrazov, A. G. Ponomarenko, P. F. Agafonov. [Sbor. trud.] Nauch.-issl. inst. met. no. 4:181-183 '61.

ALLOYS—METALLOGRAPHY

Optical crystallography of the system K_2TiF_6 - NaCl - TiO_2. IU. M. Putilin, V. N. Galuzo, V. D. Fenomarev. Trudy Inst. met. i obog. AN Kazakh. SSR 5:94-107 '62.

Reconstitution of the initial structure of alloys. E. Vinogradskaia, G. Molchanova. Izv. AN Latv. SSR no. 4: 27-31 '62.

ALLOYS—TESTING

Effect of the structure of a sample and of its mass on the results of spectral analysis. I. A. Grikit. Zav. lab. 28 no. 11:1327-1328 '62.

ALLOYS—WELDING

Investigating the spot welding of the hard alloy VK15 with the E45N alloy. F. I. Kosiluk, V. S. Fel'dman. Svar. proizv. no. 8:34-35 Ag '62.

ALLUVIAL LANDS see subdivision under Donets Basin

ALLUVIUM see subdivision under Amur Valley; Maritime Territory

ALMA-ATA—CONSTRUCTION INDUSTRY
Value the honor of the construction engineer. A.Khegai. Nar khoz Kazakh. 20 no.9 40-41 S '62.

ALMA-ATA—GUIDEBOOKS
Zhirenchin, A.M. [Alma-Ata; concise handbook] Alma-Ata, kratkii spravochnik. Alma-Ata, Kazakhskoe gos. izd-vo, 1961. 132 p

ALMA-ATA—MACHINERY INDUSTRY
Follow-up of materials published in our periodical Part zhizn' Kazakh. 32 no.11-80 N '62.

ALMA-ATA—RADIO OPERATORS
The radio operators of Alma-Ata are improving broadcasting and radio communication means. T.D Aminov. Vest.sviazi 22 no.10:17 O '62.

ALMA-ATA PROVINCE—STATE FARMS
A self-conceited director. G.Lugovoi. Part. zhizn' Kazakh. 32 no.11:58-61 N '62

ALMALYK—COPPER—METALLURGY
Use of natural gas at the Almalyk copper smelting plant. V.S. Chakhotin, L.K. Udalov, B.A Stepanov TSvet met 35 no 11 49-51 N '62

ALMALYK REGION—BORING
Drilling slim diverted holes in the Kal'makyr Mine. A.N Baloboikin and others. Gor. zhur. no.6 74 Je '62.

ALMALYK REGION—ORE DEPOSITS
Developing methods of prospecting for hidden mineralization in the Almalyk region. V.G.Gar'kovets. Uch. zap. SAIGIMSa no.5 81-91 '61.

ALMALYK REGION—PROSPECTING
Developing methods of prospecting for hidden mineralization in the Almalyk region. V G Gar'kovets. Uch zap.SAIGIMSa no.5 81-91 '61.

ALMANACS
[Rural calendar for 1962] Sel'skii kalendar' 1962. Moskva, Sel'khozizdat, 1961. 174 p.

ALPHA RAYS
Anomalous α-emitters in the Po-Ra region [with summary in English], V.A. Karnaukhov, Zhur. eksp. i teor. fiz. 42 no.4 973-978 Ap '62.
Fine structure of Pu^{239} α-radiation [with summary in English] S.A. Baranov, V M. Kulakov, S.N. Belen'kii Zhur. eksp i teor. fiz 43 no 4 1135-1139 O '62
Kinetic energy of fragments as a function of α-particle energy in the ternary fission of uranium [with summary in English]. Z I Solov'eva, R A. Filov Zhur eksp i teor fiz 43 no 4 1146-1148 O '62
Measurement of the energies of the α-particles of certain isotopes of curium R B Ivanov, A.S Krivokhatskii, V G Nedovesov Izv AN SSSR, Ser. fiz 26 no 8:976-978 Ag '62
Neutron yield from nitrogen, oxygen, air, and water under the action of radium C' α-particles G V Gorshkov, V A Ziabkin, O.S. TSvetkov Atom. energ 13 no 5 475-476 N '62

ALPHA RAYS—DECAY
On the α-decay of neutron-deficient Po isotopes. B N. Belfaev, A V Kaftamin, A.N Murin Izv. AN SSSR, Ser fiz. 26 no.8:1034-1030 Ag '62

ALPHA RAYS—SCATTERING
Elastic scattering of α-particles on silver and deuterons on gold. S.V. Starodubtsev, B I. Khrushchev, Izv AN Uz SSR, Ser. fiz.-mat. nauk 6 no.5 85-86 '62.

ALPHA RAYS—SPECTRA
Some characteristics of measuring the energy spectra of α-particles and fission fragments with semiconductor detectors. V A. Blinov and others Atom. energ. 13 no.5:476-478 N '62

ALTAI MOUNTAINS—EARTH—SURFACE
Thickness of the earth's crust in the Altai and its relation to the tectonics of the region. S I. Mazarskii, F.S. Moiseenko. Trudy Inst. fiz. Zem. no. 25 339-359 '62.

ALTAI MOUNTAINS—FORESTS AND FORESTRY
Conquerors of taiga thickets. V. Cheglakov. Nar. khoz. Kazakh. 20 no. 9 79-80 S '62.

ALTAI MOUNTAINS—GEOLOGY, STRATIGRAPHIC
Some problems of the stratigraphy of the lower layers of Lower Carboniferous sediments in the Kalba-Narym structural-facies zone. A.Kh.Kagarmanov. Izv.vys. ucheb.zav., geol.i razv. 5 no.8,34-42 Ag '62.
Stratigraphy of Devonian sediments of the Altai-Sayan Mountain region N M Petrosian, G P Radchenko Trudy VSEGEI 70 9-22 '62

ALTAI MOUNTAINS—GLACIAL EPOCH
Last glaciation in the upper Katun' and Belaya Berel' Valleys (central Altai). V. V. Zamoruev. Inform. sbor. VSEGEI no.52:69-83 '62

ALTAI MOUNTAINS—LUMBERING
Conquerors of taiga thickets. V. Cheglakov. Nar. khoz. Kazakh. 20 no.9.79-80 S '62.

ALTAI MOUNTAINS—ORE DEPOSITS
Block structure of the complex metal belt in the southwestern Altai. P. F. Ivankin, V. N. Lihetskoi Sov. geol 5 no 6 77-93 Je '62

ALTAI MOUNTAINS—PALEOBOATNY
Most important Devonian plants in the Altai-Sayan Mountain region V G Lepekhina, N M Petrosian, G. P Radchenko Trudy VSEGEI 70 61-189 '62

ALTAI MOUNTAINS—PALEOBOTANY, STRATIGRAPHIC
New data on the phytostratigraphy of Devonian sediments in the Altai-Sayan Mountain region L. M Andreeva, N M Petrosian, G P Radchenko Trudy VSEGEI 70 23-59 '62
Study of plant remains from Devonian sediments of the Altai-Sayan Mountain region, G P Radchenko Trudy VSEGEI 70 5-8 '62

ALTAI MOUNTAINS—ROCKS, IGNEOUS
Distribution of areas with Paleozoic magmatic features in the structure of the Tuvinsa-Mongolo-Altaic geosynclinal upheaval K L Volochkovich, A. N., Leont'ev. Dokl. AN SSSR 147 no 1:177-180 N '62.

ALTAI TERRITORY—BACTERIA, PHYTOPATHOGENIC
Carrot bacteriosis E.K. Burykhina, N.D. Bulanova Zashch rast ot vred i bol 7 no 7 57-58 Jl '62

ALTAI TERRITORY—CARROTS—DISEASES AND PESTS
Carrot bacteriosis. E.K Burykhina, N D. Bulanova, Zashch rast ot vred i bol 7 no 7 57-58 Jl '62

ALTAI TERRITORY—ECONOMIC CONDITIONS
Important problem in the development of the eastern district of the country N. Zabelin. Prof.-tekh. obr. 19 no.10:3-5 O '62.

ALTAI TERRITORY—FARM MECHANIZATION
Mechanized detachments. Sel'. mekh. no.4:15-16 '62.

ALTAI TERRITORY—PLANTS, PROTECTION OF
Forecasting service in the Altai Territory IU. P. Aleksandrov. Zashch rast ot vred i bol 7 no 5 46-48 My '62.

ALTAI TERRITORY—SUGAR BEETS—DISEASES AND PESTS
Sugar beet pests in the Altai IU. P. Aleksandrov. Zashch. rast. ot vred i bol. 7 no 3 26-27 Mr '62.

ALTAI TERRITORY—VOCATIONAL EDUCATION
Important problem in the development of the eastern district of the country. N. Zabelin. Prof.-tekh. obr. 19 no.10:3-5 O '62.

ALTIMETER
Accuracy of the determination of photographed heights based on readings of the old RVTD radio altimeter and the improved model. N. P Kozhevnikov, IU. I Smirnov. Trudy TSNIIGAIK no. 146:23-26 '62.
Improved model of the RVTD radio altimeter I. L. Gill'. Trudy TSNIIGAIK no. 146:17-22 '62.

ALTITUDE, INFLUENCE OF
Functional activity of the adrenal cortex in people in high mountain regions. G.L. Mednik and others. Probl endok. i gorm. 8 no.4:104-106 Jl-Ag '62.

ALTITUDES—MEASUREMENT
Photogrammetric control of the elevation control in topographic surveys based on air-borne radar leveling. N. P. Kozhevnikov. Trudy TSNIIGAIK no. 146,27-56 '62.

ALUKSNES EZERS—MOTORBOAT RACING
A great forum on the blue track. V. Losikov. Za rul. 20 no. 11:24-25 N '62.

ALUMINA
Industrial testing of the methods of obtaining high-grade alumina from nepheline. B. Kh. Shvartsman and others. TSvet. met. 35 no. 7:41-45 Jl '62.

ALUMINA CEMENT
Hardening of alumina belite cements in corrosive solutions and the effect of various hydrolytic additives on the process. T. A. Rogozina, M. G. Gullamov. Kor tsem. i mery bor'by s nei no. 2 109-130 '62
Penetrability of the structure of a cement brick and the penetration of Mg^{+} and SO_4^{-} ions into it. T. A. Rogozina, M. G. Gullamov. Kor. tsem. i mery bor'by s nei no. 2 131-145 '62.

ALUMINON
Colorimetric determination of beryllium by the reaction with aluminon in niobium-based alloys. B.S. TSyvina, M. B. Ogareva. Zav. lab. 28 no. 8:917-919 '62.
Colorimetric determination of beryllium in bronze with aluminon. L. P. Adamovich, S. V. IUitsis. Zav. lab. 28 no. 8:920-921 '62.

ALUMINUM
Activation of aluminum for the direct synthesis of triethylaluminum N N. Korneev, A. F. Popov, A F Zhigach. Khim prom. no. 8 645-646 S '62
Exchange reaction between triphenylaluminum and benzene. G. A. Razuvaev, E. V. Mitrofanova, IU. A. Kaplin. Zhur. ob. khim. 32 no. 10:3454 O '62.
Oxidation of triphenylaluminum G. A. Razuvaev and others Zhur. ob khim 32 no. 10 3151 O '62.
Superconducting properties of thin aluminum films [with summary in English] I. S. Khukhareva. Zhur. eksp. i teor fiz 43 no 4 1173-1178 O '62.

ALUMINUM—ELECTROMETALLURGY
Anode consumption during aluminum electrolysis. M. P. Vetiukov, R. G Ishanova, R G Chuvilaev Izv. vys. ucheb. zav., tsvet met 5 no 3 80-86 '62
Comparing heat loads of continuously self-baking anodes during the electrolytic production of aluminum M A Korobov TSvet met 35 no 11 75-79 N '62
Determination of metal content in an aluminum cell with the help of the isotope Au^{198}. T. A. Potapova, V. V. Tokarev. TSvet. met. 35 no. 7:51-54 Jl '62.
Effect of crucible material and design of the cell on aluminum losses in cryolite melts I. A Firsanova, A I Bellaev Izv vys. ucheb. zav., tsvet. met 5 no 3 53-58 '62
Kinetics of alumina dissolution in fluoride melts P. P. Shurygin, V. N Borovenkov, V I Kriuk. Izv. vys. ucheb zav ,tsvet met 5 no. 3 59-66 '62.

ALUMINUM—METALLOGRAPHY
Mosaic structure of aluminum. Ui. A. Skakov, T'ian' Shu-sen' [T'ien Shu-shu]. Metalloved. i term. obr. met no. 11 10-13 N '62.

ALUMINUM, STRUCTURAL
Experience with a sheet of aluminum for the roof of industrial buildings. R. A. Chernishkovskii, G. S. Rubtsov. Prom stroi 40 no 8:25-27 '62
The feasibility of using aluminum in bearing elements N.S Strelotskii. Prom stroi. 40 no.8:33-35 '62.

ALUMINUM ALLOYS
Choosing a grade of aluminum alloy for structural elements. V. P Sukhanov, S. A Timashev Prom. stroi 40 no. 8:35-38 '62.

ALUMINUM ALLOYS—HEAT TREATMENT
Role of zonal stresses during the forming of a coarse crystal rim during the heating for annealing of extruded aluminum alloys. S. S. Gorelik, R. M Vakhidov, L. A. Malyshova. Metalloved. i term. obr. met. no 11 21-23 N '62.

ALUMINUM ALLOYS—TESTING
Mechanical properties of D16 alloy sheets during heating E I. Shilova, O. G. Nikitaeva. Metalloved i term. obr. met. no. 11 23-27 N '62.

ALUMINUM CHLORIDE
Investigating the interaction of coal and graphite with aluminum and iron chlorides. M B. Rapoport, M S Belotskii. Izv. vys. ucheb. zav. ,tsvet. met 5 no 4 71-79 '62

ALUMINUM COMPOUNDS
Continuous synthesis of triethyl aluminum compounds. A. F. Zhigach, A. F. Popov, E. P. Bezukh. Biul. tekh.-ekon. inform. Gos. nauch.-issl. inst. nauch. i tekh. informatsii no. 11:39-41 '62.

ALUMINUM FOIL—TESTING see subdivision under Armenia

ALUMINUM FOUNDING
Casting of aluminum alloy fittings. B. V. Stoilarov, V I IAkushova. Liteishchik. no. 8:36 Ag '62.
Effect of vacuuming on the founding properties of the AL10 alloy. A. V. Kurdiumov, G. A. Stekol'nikova Izv. vys. ucheb. zav. ,tsvet. met 5 no. 3 147-153 '62

ALUMINUM INDUSTRY—STATISTICS
Aluminum industry of main capitalist countries in 1952-1961 (from "Revue de l'Aluminium," no. 236-284, 1951-1961, "Light Metals," no. 270-1961, "Alluminio," no. 1-3 1961). N. K. Skliarenko. Met. i gornorud. prom. no. 2 87-90 Mr-Ap '62.

ALUMINUM-MAGNESIUM ALLOYS—WELDING
Causes of the porosity of welded joints in the AMg5 aluminum-magnesium alloy A G Simonik Avtom. svar. 15 no 10 37-40 O '62
Residual stresses and deformations occurring during the welding of the AMg6V alloy A A. Kazimirov, A IA Nedoseko Avtom svar. 15 no. 10:16-21 O '62

ALUMINUM NITRIDE
Conditions for the formation of aluminum nitride in liquid iron. V. F. Isaev, A. N. Morozov. [Shor. trud. Nauch.-issl. inst. met. no. 4:12-18 '61.

ALUMINUM ORGANIC COMPOUNDS
Study of heterogeneous catalyst systems based on cobalt oxides and salts, and organoaluminum compounds [with summary in English]. R N. Kovalevskaia, E. I Tinikova, B. A. Dolgoplosk Vysokom soed 4 no 9 1338-1344 S '62.

ALUMINUM OXIDE
Factors determining activated recrystallization sintering of aluminum oxide [with summary in English] V. A Bron, N. V. Semkina. Poroshk. met 2 no 5 26-35 S-O '62

ALUMINUM PLANTS
(see also subdivision under Achinsk)

Production-line construction of electrolysis shops L. M. Zvezdov, N. A. Vaniaev. Prom. stroi 40 no. 9 2-6 '62

Rapid assembly of the electrolysis buildings of an aluminum plant. A. E. Bondarev, P. I. IAkimov. Prom. stroi 40 no. 8 11-16 '62

ALUMINUM-STEEL ALLOYS see Steel-aluminum alloys

ALUMINUM-ZINC ALLOYS—ELECTRIC PROPERTIES

Investigating the electrical resistance of the Al-Zn eutectoid. G. V. Stankova, A. A. Preminkov. Trudy inst. met. i obog. AN Kazakh. SSR 5 175-178 '62.

ALUMS

Formation and development of crystallization centers in a potassium alum solution placed in an ultrasonic field. A. P. Kapustin, V. E. Kovaliunaite. Kristallografiia 7 no. 4 613-615 Jl-Ag '62

ALUNITE see subdivision under Ebeko Volcano

AMARANTH see subdivision under Donetsk Province

AMATEUR MOTION PICTURES—EQUIPMENT AND SUPPLIES

The 8 mm motion-picture cameras and projectors. V. Vorob'ev, P. Pesnopevtsev, IA. Kruger. Sov. foto 22 no. 10:30-33 O '62

Improve the quality of amateur motion-picture equipment. P. M. Krimerman, V. G. Kudriavtsev. Tekh. kino i telev. 6 no. 11:65-68 N '62.

AMBARY HEMP

Efficient method of processing the long stems of kenaf. D. S. Sultanov. Sbor. nauch.-issl. rab. TTI no. 12:128-131 '61.

AMBARY HEMP—DRYING

Studying the drying of wet kenaf fibers. N. F. Makarova. Izv. vys. ucheb. zav., tekh. tekst. prom. no. 5 37-46 '62

AMBARY HEMP—TESTING

Effect of the time of kenaf harvesting (for the manufacture of scutched green bast) on the physical and mechanical properties of the fiber. IA. S. Kleiman. Sbor. nauch.-issl. rab. TTI no. 12:105-114 '61

AMBULANCES

The M-22B ambulance. N. Kuniaev. Avt. transp. 40 no. 10:44 O '62.

AMEBIASIS

Complement fixation reaction in amebiasis. L. I. Rogova, N. A. Dekhkankhodzhaeva. Trudy TashNIIVS 6,227-231 '61.

Effect of sensibilization on the morphology of amebiasis in experimental animals. M. Z. Leitman, K. N. Dolinskaia. Trudy TashNIIVS 6:217-226 '61

Is pathogenicity a species trait of micro-organism? Sh. M. Matevosian. Trudy Erev. med. inst. no. 11:173-177 '60.

AMERICANS see subdivision under Kuznetsk Basin

AMGA VALLEY—STEPPES

Polygonal steppes of the Amga River, their soils, vegetation and origin. V. B. Kuvaev. Biul. MOIP. Otd. biol. 67 no. 3:146 My-Je '62.

AMIDES

Compounds with potential antitubercular activity. Part 6: Amidoximes, amidrazones, and S-oxides of thioamides of some heterocyclic acids. T. P. Sycheva and others. Zhur. ob. khim. 32 no. 11:3669-3674 N '62.

Possibility of synthesizing polymeric chelates from dithioamides and some metal ions [with summary in English]. V. N. Odnoralova, G. I. Kudriavtsev. Vysokom. soed. 4 no. 9:1314-1319 S '62.

AMINE OXIDASE

Comparative action in vitro and in vivo of some monoaminoxidase inhibitors [with summary in English]. V. S. Shashkov, E. I. Kuznets. Farm. i toks. 24 no. 6: 675-682 N-D '61.

AMINES

Cleavage of an anhydride ring in dianhydroxylitol by amines. S. N. Danilov and others. Zhur. ob. khim. 32 no. 11:3614-3617 N '62.

Diamines in the nitrogen metabolism of plants. B. P. Strogonov, N. I. Shevinkova. Usp. sovr. biol. 54 no. 1 43-56 Jl-Ag '62.

Diazo compounds. Part 16: Particular features in the diazotization of diamines by nitrite in carboxylic acids. B. I. Belov, V. V. Kozlov. Zhur. ob. khim. 32 no. 10: 3362-3368 O '62.

Mechanism of the effect of aromatic amines on the fluorescence and photochemical oxidation of anthracene compounds. T. M. Vember. Dokl. AN SSSR 147 no. 1: 123-126 N '62.

Orientation of the addition and the reactivity of a vinyl group in the reactions of secondary amines with vinyl compounds of tri- and pentavalent phosphorus. M. I. Kabachnik, E. N. TSvetkov, Chzhan Zhun-fui [Chang Jung-yu]. Zhur. ob. khim. 32 no. 10:3340-3350 O '62.

Thionylamines in diene synthesis. L. G. Kataev, V. V. Plemenkov. Zhur. ob. khim. 32 no. 11 3817-3823 N '62

AMINO ACIDS

Amino acid content in the blood and urine of healthy pregnant women and of those with toxicoses. E. A. Mogilian, R. A. Chkhikvadze. Trudy Erev. med. inst. no. 11:317-322 '60.

β,β-dimethylacrylic acid as a precursor of amino acids in plants [with summary in English]. Z. S. Kagan. Biokhimiia 27 no. 4 715-721 Jl-Ag '62.

Interaction of adrenaline amino acids [with summary in English]. B. N. Manukhin. Biokhimiia 27 no. 4 615-621 Jl-Ag '62

Isolation of amino acids from the mycelium of Actinomyces globisporus streptomycini. O. V. Krusser and others. Trudy Len. khim.-farm. inst. no. 15:135-140 '62.

Role of labeled amino acids in the biosynthesis of nicotine [with summary in English]. M. IA. Lovkova, G. S. Il'in. Biokhimiia 27 no. 4-722-725 Jl-Ag '62

AMINO COMPOUNDS

Interaction of N,N-dialkylaminosulfonyl chlorides with trialkyl phosphites. New method of preparing dialkyl-S-dialkylamino thiophosphates. J. Michalski, B. Pliszka. Dokl. AN SSSR 147 no. 1.111-112 N '62

AMINOPHYLLINE

Effect of synthophylline on Cheyne-Stokes respiration in circulatory insufficiency. G. O. Badalian. Trudy Erev. med. inst. no. 11:251-255 '60.

AMMONIA

Calculation of the equilibrium of ammonia synthesis with the aid of computers. IU. A. Sokolinskii. Khim. prom. no. 6:410-413 Je '62.

Macroscopic kinetics and the mechanism of urea synthesis from ammonia and carbon dioxide. N. A. Gul'dberg, L. N. Al'tshuler. Khim. prom. no. 9 638-642 S '62.

AMMONIUM CARBONATES

Effectiveness of feeding urea and ammonium bicarbonate in the form of liquid feed mixtures. V. A. Kaplun and others. Vsesyk sil'khoz. nauky 5 no. 6 77-83 Je '62

AMMONIUM CARBONATES—STORAGE

Losses of ammonium dicarbonate during prolonged storage. I. P. Usiukin. Khim. prom. no. 6:457-461 Je '62.

AMMONIUM IODIDE

Extraction of alkaloids with the aid of ammonium iodide. I. K. Orazkuliev, O. S. Otroshchenko, A. S. Sadykov. Zhur. ob. khim. 32 no. 11 3827-3828 N '62

AMMONIUM METAPHOSPHATE—OPTICAL PROPERTIES

Dispersion of the electrooptical coefficient r_{63} in ammonium dihydrophosphate and potassium dihydrophosphate crystals. O. G. Bloch. Kristallografiia 7 no. 4:632-633 Jl-Ag '62.

AMMONIUM SULFITE

Increasing the stability of ammonium bisulfite used in the production of caprolactam. B. A. Chertkov, B. T. Vasil'ev, N. S. Dobromyslova. Khim. prom. no. 9 633-634 S '62

AMOBARBITAL

Absorption of glucose, pyruvate and lactate by muscle tissue during insulin, conditioned insulin stimulation and amytal sleep. G. S. Khachatrian. Trudy Erev. med. inst. no. 11:49-58 '60.

Effect of caffeine and barbamil on the secretory cycle of the thyroid gland [with summary in English]. M. G. Amiragova. Biul. eksp. biol. i med. 54 no. 7 54-58 Jl '62.

AMORTIZATION

Amortization deductions. Skolka. Vop. stat. i ucheta no. 5:95-99 '61

Andreev, A. A. [Amortization and capital repairs in ferrous metallurgy] Amortizatsiia i kapital'nyi remont v chernoi metallurgii. Moskva, Metallurgizdat, 1962. 215 p.

Better use of capital assets. S. Makhtakh. Rech. transp. 21 no. 11:8-10 N '62.

Methods of determining ship amortization periods. O. A. Novikov. Trudy TSNIIMF no. 29:3-15 '60.

Naidenko, O. K., and P. P. Petrov. [Amortization of marine engines and mechanisms] Amortizatsiia sudovykh dvigatelei i mekhanizmov. Leningrad, Sudpromgiz, 1962. 287 p.

AMPERES

From the biography of the ampere. Nauka i zhizn' 29 no. 5 26 My '62.

AMPEROMETRIC ANALYSIS see Conductometric analysis

AMPHIBIA

Gerasimov, V. P. [Fishes, amphibians, reptiles and their study in school; a textbook for teachers] Ryby, zemnovodnye, presmykaiushchiesia i izuchenie ikh v shkole; posobie dlia uchitelia. Moskva, Uchpedgiz, 1962. 226 p.

AMPLIFIERS (ELECTRONICS)

Cause of the discrepancy in the expressions for stable amplification coefficient in the work of V. I. Siforov and A. A. Kolosov. Izv. vys. ucheb. zav., radiotekh. 5 no. 5 651-654 S-O '62.

Concerning the use of defocusing static fields for amplifying high-frequency signals. M. I. Petelin, A. A. Shaposhnikov. Radiotekh. i elektron. 7 no. 11 1969-1971 N '62.

Contribution to the theory of a two-stage amplifier using two-terminal networks with negative resistances. IU. L. Simonov. Radiotekhnika 17 no. 11:41-49 N '62

Design of narrow-band amplifiers. V. K. Kiknadze. Izv. vys. ucheb. zav., radiotekh. 5 no. 5 649-651 S-O '62.

Multichannel measurement amplifiers. A. G. Kozachok. Izm. tekh. no. 11 36-38 N '62

A new magnetostatic ferrite amplifier. A. L. Mikaelian, V. V. D'iachenko. Radiotekh. i elektron. 7 no. 11:1966-1969 N '62

AMPLIFIERS, ELECTRON-TUBE

Amplifier of intermediate frequency for two standards of signals. L. Ozols-Ozolins. Nauka i zhizn' 29 no. 5 66-69 My '62

Graphic method analyzing electronic amplifiers used in some automatic control devices. V. M. Kirpichnikov. Izv. vys. ucheb. zav., gor. zhur. 5 no. 9 124-129 '62.

Increase in the operational reliability of power amplifiers. M. I. Gushchin. Avtom., telem. i sviaz' 6 no. 11: 38-39 N '62.

Noise characteristics of signal preamplifiers of low ohmic thermal receivers [with summary in English]. M. P. Tseitlin, L. S. Kremenchugskyi, A. F. Mal'nev. Ukr. fiz. zhur. 7 no. 1 46-53 Ja '62.

AMPLIFIERS, PARAMETRIC see Parametric amplifiers

AMPLIFIERS, ROTATING see Rotating amplifiers

AMPLIFIERS, TRANSISTOR see Transistor amplifiers

AMU DARYA VALLEY—PERISPORIALES

Peronosporales and Perisporiales in the middle Amu Darya Valley. O. Nasyrov. Izv. AN Turk. SSR, Ser. biol. nauk no. 5 17-23 '62

AMU DARYA VALLEY—PERONOSPORALES

Peronosporales and Perisporiales in the middle Amu Darya Valley. O. Nasyrov. Izv. AN Turk. SSR, Ser. biol. nauk no. 5:17-23 '62.

AMUR VALLEY—ALLUVIUM

New data on the stratigraphy of Quaternary alluvial-alluvium-lacustrine, and lacustrine deposits in the Maritime Territory and middle Amur Valley. I. I. Berseney and others. Sov. geol. 5 no. 9:78-86 S '62

AMUR VALLEY—CHIPMUNKS

Biology of chipmunks of the Amur-Zeya Plateau [with summary in English]. E. M. Snigirevskaia. Zool. zhur. 41 no. 9.1395-1401 S '62.

AMUR VALLEY—GEOLOGY, STRATIGRAPHIC

New data on the stratigraphy of Carboniferous and Permian sediments on the left bank of the middle Amur River. V. V. Bekhyev. Sov. geol. 5 no. 6:117-120 Je '62.

AMUR VALLEY—GOBIES

Faunistic position of Ladislavia taczanowskii Dyb. of the Amur basin [with summary in English]. V. D. Spanovskaia, A. P. Makeeva. Zool. zhur. 41 no. 7 1051-1055 Jl '62.

AMUR VALLEY—KAOLIN

Significance of the geomorphological method in prospecting for kaolin in the Far East. Inform. shor. VSEGEI no. 52:121-131 '62.

AMYOTROPHIC LATERAL SCLEROSIS

Possible viral etiology for amyotrophic lateral sclerosis [with summary in English]. L. A. Zilber and others. Vop. virus. 7 no. 5:520-526 S-O '62.

ANABAR BAY REGION—CEPHALOPODA, FOSSIL

Voronets, N. S. [Stratigraphy and cephalopods of Jurassic and Lower Cretaceous sediments in the Lena-Anabar region] Stratigrafiia i golovonogie molliuski iurskikh i nizhnemelovykh otlozhenii Leno-Anabarskogo raiona. Moskva, Gos. nauchn.-tekhn. izd-vo lit-ry po geologii i okhrane nedr. 1962. 169 p. (Leningrad. Nauchno-issledovatel'skii institut geologii Arktiki. Trudy, vol. 110)

ANALGESICS

Effect of analgesics on various manifestations of the inhibition process in the central nervous system [with summary in English]. A. V. Val'dman. Farm. i toks. 24 no. 6:643-654 N-D '61.

ANALYSIS, THERMAL see Thermal analysis

ANALYSIS OF FOOD see Food adulteration and inspection

ANALYTIC FUNCTIONS see Functions, Analytic

ANALYTICAL CHEMISTRY see Chemistry, Analytical

ANALYTICAL GEOMETRY see Geometry, Analytic

ANALYTICAL MECHANICS see Mechanics, Analytic

ANAPA—MUNICIPAL SERVICES

Anapa needs help. M. Osicheva. Zhil.-kom. khoz. 12 no. 11:23-24 N '62.

ANAPHYLAXIS

Acute anaphylactic reaction on the administration of adrenocorticotropic hormone. R.G. Gabitova. Probl. endok. i gorm. 8 no. 4:114-115 Jl-Ag '62.

Anaphylactic shock on the administration of penicillin. T.S. A. Roginskaia. Zhur. ush., nos. i gorl. bol. 22 no. 2:69-71 Mr-Ap '62.

Case of anaphylactic shock with a fatal outcome following an injection of penicillin. G.S. Kurenia. Zhur. ush., nos. i gorl. bol. 22 no. 2:73-74 Mr-Ap '62.

Complications following smallpox vaccination. N.E. Dimitriev. Sov. med. 26 no. 10:128-129 O '62.

ANASEULI—TANGERINE

Early maturing mandarins in Anaseuli [with summary in English]. I.I. Chkhaidze. Subtrop. kul't. no. 2:93-100 '62.

ANATOMY, HUMAN

Tonkov, V.N. [Textbook of normal human anatomy] Uchebnik normal'noi anatomii cheloveka. Izd. 6., perer. i dop. Pod red. B.A. Dolgo-Saburova. Leningrad, Medgiz, 1962. 762 p.

ANCIENT HISTORY see History, Ancient

ANDIZHAN—ELECTRIC INDUSTRIES

Andizhan electrotechnical plant. M. Sherman. Uzbekistan 21 no. 10:8 '62.

ANDIZHAN PROVINCE—COTTON—DISEASES AND PESTS

We are fulfilling our assumed obligations. A.A. Gubicheva. Zashch. rast. ot vred. i bol. 4 no. 6:6-8 N-D '59.

ANDIZHAN PROVINCE—SPRAYING AND DUSTING IN AGRICULTURE

We are fulfilling our assumed obligations. A.A. Gubicheva. Zashch. rast. ot vred. i bol. 4 no. 6:6-8 N-D '59.

ANDREEV, VASILII VASIL'EVICH, 1861-1918

Vasil'ev, P.V. [V.V. Andreev, organizer and leader of the first orchestra of Russian folk instruments, who was born on January 26, 1861 and died on December 27, 1918, on the 100th anniversary of his birth] Organizator i rukovoditel' pervogo russkogo orkestra narodnykh instrumentov V.V. Andreev, 26. I-1861 - 27 XII-1918 g., k 100-letiiu so dnia rozhdeniia. Irkutsk, Irkutskoe obl. upr. kul'tury, 1961. 29 p.

ANDROGENS

Treatment of climacteric hemorrhage with small doses of androgenic hormones [with summary in English]. M.D. Moiseenko. Akush. i gin. 1:25-27 '62.

ANEMIA

Characteristics of the peripheral blood in multiple induced cerebral anemia. E.V. Lesnova. Zdrav. Bel. 8 no. 2:36-38 F '62.

Effect of vitamin B6 on the leucocytes in anemias. V.A. Gal'tsev. Zdrav. Tadzh. 9 no. 4:54-56 Jl-Ag '62.

Iron and copper content in the blood of children with anemias [with summary in English]. O.M. Lago. Sov. med. 26 no. 10:76-82 O '63.

Role of pharmacological preparations in restoring cardiac function following prolonged anemia and cardiac arrest. Iu.M. Gal'perin. Farm. i toks. 24 no. 6:744-748 N-D '61.

ANEMONES see subdivision under Kirghizistan

ANEROID BAROMETER

Evaluation of the accuracy of statoscope readings. M.D. Konshin. Trudy TSNIIGAIK no. 146:101-103 '62.

ANESTHESIA

Anesthesia during operations on myasthenic patients [with summary in English]. V.L. Vanevskii. Vest. khir. no. 6:51-57 '62.

Anesthesia in operations for ulcerous pyloroduodenal stenosis. M.N. Khomchenko. Zdrav. Bel. 8 no. 7:68-70 Jl '62.

Anesthesia technic in operations for abscess tonsillectomy [with summary in English]. E.A. Miziulina. Zhur. ush., nos. i gorl. bol. 21 no. 6:33-35 N-D '61.

Comparative evaluation of various types of anesthesia in surgery for mitral defects of the heart [with summary in English]. A.S. Dobronravov. Khirurgiia no. 1:57-64 '62.

Gas exchange and energy losses in patients operated on under potentiated anesthesia [with summary in English]. P.N. Makushkin, E.B. Verstilova. Vest. khir. 87 no. 11:96-101 N '61.

Influence of different types of contemporary general anesthesia on intraocular pressure [with summary in English]. L.V. Aladinskaia. Vest. oft. no. 1:12-17 '62.

Potentiated anesthesia. V.O. Sarukhanian and others. Trudy Erev. med. inst. no. 11:341-346 '60.

Use of muscle relaxants in the clinical aspects of traumatology and orthopedics during concurrent combined anesthesia. V.I. Sokolov. Vest. khir. no. 5:81-85 '62.

ANESTHESIA IN OBSTETRICS

Treatment of vomiting in pregnancy. I.S. Legenchenko. Zdravookhr. Bel. 8 no. 7:72 Jl '62.

ANESTHESIOLOGY see subdivision under United States

ANGARA VALLEY—ETHNOLOGY

The Russian population of the Angara Valley. Kratkie soob. Inst. etn. no. 37:3-11 '62.

ANGARA VALLEY—HYDROLOGY

Astrakhantsev, V.I. [Angara and its basin; outline of the hydrology] Angara i ee bassein; gidrologicheskii ocherk. Moskva, Izd-vo Akad. nauk SSSR, 1962. 90 p. (Akademiia nauk SSSR. Sibirskoe otdelenie. Vostochno-Sibirskii geologicheskii institut. Trudy, no. 12)

ANGELICA

Localization of coumarin compounds in the fruit of Archangelica decurrens Ledb. G.A. Denisova, Iu.A. Dranitsyna. Dokl. AN SSSR 146 no. 4:954-956 O '62.

ANGINA PECTORIS

Correlation of the level of prothrombin and fibrinogen in the blood plasma in stenocardia and myocardial infarct [with summary in English]. L.P. Ermilov. Sov. med. 26 no. 10:14-17 O '62.

Syndrome of reflex stenocardia in diseases of the organs of the abdominal cavity [with summary in English]. B.D. Borevskaia. Sov. med. 26 no. 6:112-115 Je '62.

ANGIOCARDIOGRAPHY

Significance of puncture of the left ventricle with contrast ventriculography in the differential diagnosis of mitral stenosis and mitral insufficiency [with summary in English]. Iu.S. Petrosina. Vest. khir. 87 no. 11:40-45 N '61.

ANGIOGRAPHY

Abdominal aortography and its clinical significance [with summary in English]. N.A. Lopatkin. Urologiia no. 1:28-32 '62.

Arteriography of the lower extremities; survey of the Soviet and foreign literature. D.S. Kuz'min, D.M. Grapman. Vest. khir. no. 6:109-116 '62.

Intravital contrast vasography in venous thrombosis. M.N. Oganesian. Trudy Erev. med. inst. no. 11:101-103 '60.

Significance of azygography in solving the problem of the operability of cancer of the lungs and esophagus. A.A. Chervinskii, Z.F. Selivanova, S.Z. Fradkin. Vest. khir. no. 6:30-36 '62.

Transfemoral renovasography by the Zel'dinger method [with summary in English]. A. Chervenakov, G. Gospodinov, H. Minkov. Urologiia no. 1:33-35 '62.

Vasodilation of the major arteries [with summary in English]. T.K. Dzharakhian, K.B. Tikhonov. Biul. eksp. biol. i med. 54 no. 7:14-17 Jl '62.

ANGIOMA

Hemangiomas of the liver and their treatment. V.S. Shapkin. Vest. khir. no. 8:78-82 '62.

Treatment of hemangiomas in children [with summary in English]. M.I. Nevolin-Lepatin. Vop. okh. mat. i det. 7 no. 7:54-60 Jl '62.

ANGLICAN CHURCH see Church of England

ANGREN BASIN—COAL GASIFICATION, UNDERGROUND

First data on the underground coal gasification in the experimental gas producer of the Angren "Podzemgaz" Gas Producer Plant. T.O. Nusinov, G.P. Zybalova. Nauch. trudy VNIIPodzemgaza no. 6:3-10 '62.

ANGREN BASIN—COAL GEOLOGY

Studying the fracturing of the coal bed of the Angren deposit. V.V. Zhukov. Nauch. trudy VNIIPodzemgaza no. 7:51-61 '62.

ANHYDRIDES

β-Lactones and β-lactams. Part 31: Reactivity of γ-bromo-β-keto acid chlorides. N.P. Shusherina, M.Iu. Feigin, R.IA. Levina. Zhur. ob. khim. 32 no. 11:3608-3611 N '62.

Cleavage of an anhydride ring in dianhydroxylitol and its derivatives by hydrogen chloride in glacial acetic acid. G.E. Ustiuzhanin and others. Zhur. ob. khim. 32 no. 11:3617-3621 N '62.

Cleavage of an anhydride ring in dianhydroxylitol by amines. S.N. Danilov and others. Zhur. ob. khim. 32 no. 11:3614-3617 N '62.

New data on the structure of xylitol dianhydride. G.E. Ustiuzhanin and others. Zhur. ob. khim. 32 no. 11:3622-3627 N '62.

ANILINE

Alloxazine and isoalloxazine series. Part 7: Interaction of alloxan with anilines and phenylenediamines. V.M. Berezovskii, E.P. Rodionova, L.N. Gurko. Zhur. ob. khim. 32 no. 10:3368-3372 O '62.

Oxido compounds. Part 14: Preparation of some phenyl-substituted α,β-unicohol oxides and their reactions with aniline and o-toluidine. V.I. Pankevich-Kolesnik, B.K. Bogush. Zhur. ob. khim. 32 no. 11:3552-3556 N '62.

p-Dimethylaminonzobenzene salts with trifluoroacetic acid in dichloroethane. L.E. Millionrent, V.A. Izmail'skii. Zhur. ob. khim. 32 no. 10:3451-3452 O '62.

ANIMAL INTRODUCTION

Acclimatization of fishes and invertebrates [with summary in English]. A.F. Karpevich. Zool. zhur. 41 no. 7:960-985 Jl '62.

Acclimatization of the Kamchatka crab in the Barents Sea. P.V. Ushakov. Trudy MMBI no. 4:250-251 '62.

More on the acclimatization of the Kamchatka crab in the Barents Sea. Iu.I. Gaikin. Trudy MMBI no. 4:252-253 '62.

Preliminary data on the acclimatization of the Pacific lavaret (Coregonus lavaretus maraenoides Poljakow) in Lake Pulemetskoye. N.S. Mozhuk, I.G. Shmidova. Vop. ikht. 2 no. 2:367-370 '62.

Theory of the acclimatization of fur-bearing animals. V.N. Pavlinin. Vop. ekol. 4:64-66 '62.

ANIMAL MIGRATION

Studying the migration of gray rats by means of radioactive tracers in a large city [with summary in English]. V.A. Sudoikin, V.P. Kharlamov, M.V. Sadovskina. Zool. zhur. 41 no. 9:1409-1413 S '62.

ANIMAL PHOTOGRAPHY see Photography of Animals

ANIMAL POPULATIONS

Categories of adaptive reactions and the factor of abundance in the process of animal acclimatization. G.A. Uspenskii. Vop. ekol. 4:19-32 '62.

Physiological heterogeneity of animal populations as one of the factors of the dynamics of their abundance. V.I. Kalabukhov. Vop. ekol. 4:30-32 '62.

Population ecology and its main problems. N.P. Naumov. Vop. ekol. 4:58-63 '62.

Some general characteristics of the dynamics of animal populations. N.P. Naumov, V.G. Nikol'skii. Vop. ekol. 4:63-64 '62.

ANIMALS, AQUATIC see Marine fauna

ANIMALS, COLD-BLOODED—PARASITES see Parasites—Animals, Cold-blooded

ANIMALS, FOOD HABITS OF

Food of the water vole and methods of studying it. N.V. Tupikova, E.G. Miako. Vop. ekol. 4:180-182 '62.

ANIMALS, HABITS AND BEHAVIOR OF
(see also subdivision under Teraskei Ala-Tau)

Clustering of Merino sheep as a means of protection against intensive insolation in the South. V.I. Ilik. Vop. ekol. 4:82-84 '62.

Role of the factor of anxiety in the ecology of animals and birds [with summary in English]. P.D. Rikgern. Zool. zhur. 41 no. 7:1056-1060 Jl '62.

ANIMALS AS CARRIERS OF DISEASES

Concerning the cartography of territories of natural focus infections of man in general and acarid-borne encephalitis in particular. N.B. Birulia. Vop. ekol. 4:90-92 '62.

Zoological and parasitological characteristics of a natural tularemia nidus in western Polesye of the Ukrainian S.S.R. [with summary in English]. V.L. Adamovich. Zool. zhur. 41 no. 9:1291-1305 S '62.

ANISOLE

Alkylation of anisole and phenetole by isobutylene in the presence of BF_3, H_3PO_4. E.V. Alisova, B.V. Ynagorodnii. Zhur. ob. khim. 32 no. 11:3502-3505 N '62.

ANISOTROPY

Anisotropy of some physical properties of calcite. A.G. Teremetskaia, G.L. Bocharova, V.A. Volchenkova. Vest. Mosk. un. Ser. 4:Geol. 17 no. 5:44-49 S-O '62.

ANNEALING OF METALS

Decomposition of cementite during the annealing of white cast iron. V.P. Kardash. Metalloved. i term. obr. met. no. 8:17-19 Ag '62.

Homogenizing annealing of magnesium cast iron. B.P. Todorov, G.I. Koshovnik. Metalloved. i term. obr. met. no. 8:10-11 Ag '62.

Investigating the rapid annealing of cold-rolled sheet steel. TS.N. Rafalovich, V.K. Babich. Sbor. trud. TSNIICHM no. 28:40-48 '62.

Investigating two-stage rapid annealing of sheet steel. TS.N. Rafalovich. Sbor. trud. TSNIICHM no. 28:48-51 '62.

Self-annealing of cast iron in liquid media. M.M. Berlakh, V.I. IAsnogorodskii. Lit. proizv. no. 8:21-24 Ag '62.

ANNIVERSARIES

Anniversary calendar for November 1963. Rick. agit. [ter Ukr.] no. 30:61-62 O '63.

Historical dates. Nar. obr. no. 10:94-95 O '62.

Noteworthy dates. Nar. obr. no. 11:120-127 N '62.

Noteworthy dates. Nar. obr. no. 12:138 D '62.

ANOSTRACA
Results of using Artemia salina L. as food in raising acipenserid fry in round basins. A. P. Gur'ko, T. G. Pleskachevskaia. Vop. ikht. 2 no. 2:371-373 '62.

ANOXEMIA
Characteristics of the action of erysimine under conditions of experimental hypoxia. T. F. Kuznetsova, A. D. Safonova. Farm. i toks. 24 no. 6:723-726 N-D '61.
Some ways of compensating for oxygen deficiency in pneumonias in infants [with summary in English]. T. A. Lebedinskaia, A. A. Anan'enko. Sov. med. 26 no. 10:82-87 O '62.
Working out fine differentiation at "a great height." K. Iu. Arkhangel'skaia. Zdrav. Tadzh. 9 no. 4:16-19 Jl-Ag '62.

ANTARCTIC REGIONS—CYCLOPIDAE
New data on Acanthocyclops mirnyi Borutzky et M. Vinogradov from the Antarctic [with summary in English]. E. V. Borutskii. Zool. zhur. 41 no. 7:1106-1107 Jl '62.

ANTARCTIC REGIONS—IONOSPHERE
Geographic distribution of f_0F_2 in Antarctica. G. V. Bukin. Geomag. i aer. 2 no. 1:99-104 Ja-F '62.

ANTARCTIC REGIONS—IONOSPHERIC RESEARCH
Some results of ionospheric observations conducted on the South geomagnetic pole. V. S. Ignatov. Geomag. i aer. 2 no. 1:91-95 Ja-F '62.

ANTENNAS (ELECTRONICS)
Concerning the article "Correlation characteristics of the field of a linear antenna." IA. S. Shifrin. Radiotekh. i elektron. 7 no. 12:2105 D '62.
Methodology for the approximate calculation of induced resistances of dipoles. V. I. Lokshin, V. G. IAmpol'skii. Radiotekhnika 17 no. 11 23-29 N '62.

ANTHELMINTICS
Anthelmintic effectiveness of cestodocide in hymenolepiasis of waterfowl. O. O. Shevtsov. Visnyk sil'hosp. nauky. 5 no. 6:91-97 Je '62.

ANTHOCYANINS
Anthocyanins of callus tissues in Parthenocissus tricuspidata. S. A. Stanko, M. S. Bardinskaia. Dokl. AN SSSR 146 no. 4:956-959 O '62.

ANTHRACENE
Absorption and luminescence of anthracene impurities in octahydroanthracene crystals at 20° K [with summary in English]. V. M. Vatul'ov. Ukr. fiz. zhur. 7 no. 1 37-45 Ja '62.
Mechanism of the effect of aromatic amines on the fluorescence and photochemical oxidation of anthracene compounds. T. M. Vember. Dokl. AN SSSR 147 no. 1: 123-126 N '62.
Oxidation of the anthracene-phenanthrene fraction for the production of anthraquinone, phthalic and maleic anhydrides. N. D. Rustianova, G. D. Kharlampovich, G. F. Belianova. Khim. i tekh. 3 no. 2:289-291 Mr-Ap '62.

ANTHRACENE—SPECTRA
Spectral detection of S-cis- and S-trans-isomers of 2-vinylanthracene. A. S. Cherkasov. Dokl. AN SSSR 146 no. 4:852-855 O '62.

ANTHRAQUINONES
Oxidation of the anthracene-phenanthrene fraction for the production of anthraquinone, phthalic and maleic anhydrides. N. D. Rustianova, G. D. Kharlampovich, G. F. Belianova. Khim. i tekh. 3 no. 2:289-291 Mr-Ap '62.

ANTHRAQUINONES—SPECTRA
Polarization of electron transitions in the anthraquinone molecule. K. R. Popov, L. V. Smirnov. Opt. i spektr. 13 no. 2:280-282 Ag '62.

ANTHRAX—PREVENTIVE INOCULATION
Clinical aspects and pathogenesis of serum sickness of the nervous system. I. L. Sosnovik. Zdrav. Bel. 8 no. 7:29-31 Jl '62.

ANTHROPOLOGY see subdivision under Verkhniy Saltov

ANTHROPOLOGY—CONGRESSES
The Second Session of the Working Organizational Committee of the Seventh International Congress of Anthropological and Ethnological Sciences. K. V. IAkimova. Sov. etn. no. 5:146-147 S-O '62.

ANTHROPOMETRY
Regularity of the correlation of features in anthropology [with summary in English]. IA. IA. Roginskii. Sov. etn. no. 5:15-29 S-O '62.
Standards of growth, chest circumference and weights of schoolchildren in the schools of general education in the city of Donetsk. G. B. Smolianskyi. Mat. z antr. Ukr. no. 2:13-17 '62.

ANTIAIRCRAFT ARTILLERY
Method for testing the operation of aimed pieces. B. Lifanov. Voen. vest. 42 no. 5:89-90 My '62.
Review of the results of firing. V. Shtan'ko. Voen. vest. 42 no. 5:87-89 My '62.

ANTIBIOTICS
Action of colimycin and mycerin in experimental scleromatous infection [with summary in English]. N. A. Izraitel', A. P. Krasil'nikov. Zhur. mikr., epid. i immunobiol. 21 no. 6:49-55 N-D '61.
Acute intestinal obstruction in relation to the intraperitoneal administration of antibiotics. V. I. Parmenov. Sov. med. 26 no. 10:56-61 O '62.
Antibiotic characteristics of the tissues of the ctenophore Beroe cucumis Fabr. and the mussel Mytilus edulis L. B. V. Chemtsov. Trudy MMBI no. 4:229-243 '62.
Basic directions in the utilization of new sources of carbon nutrition for antibiotics producers. P. A. IAkimov. Trudy Len. khim.-farm. inst. no. 15:3-7 '62.
Characteristics of strains of Brucella obtained from patients treated with antibiotics. N. F. Zenkova, E. A. Shnyreva. Trudy Inst. kraev. pat. AN Kazakh SSR 12 194-201 '62.
Combined mixtures of antibiotics in preventing purulent complications in emergency surgery on the abdominal cavity. I. V. Nesterov. Vest. khir. no. 5:55-57 '62.
Determination of the sensitivity to antibiotics of the pathogens of chronically recurrent pneumonias in infants [with summary in English]. V. M. Chistosova, L. I. Klimova. Vop. okh. mat. i det. 7 no. 7:10-13 Jl '62.
Effect of antibiotics on swine fattening in the new swine houses. V. A. Tashchilin, V. V. Shcheglov. Zhivotnovodstvo 23 no. 2:36-40 F '61.
Effect of antibiotics on the rate of elimination of the disease pathogen from patients with whooping cough [with summary in English]. V. F. Nikolenko and others. Vop. okh. mat. i det. 7 no. 4:44-46 Ap '62.
Growth stimulators for chickens. O. A. Shymans'ka. Visnyk sil'hosp. nauky. 5 no. 6:115-118 Je '62.
Hormone therapy in chronic septic endocarditis [with summary in English]. A. A. Demin, N. A. Trostina. Sov. med. 26 no. 6:24-30 Je '62.
Infected wounds in rabbits and their treatment with an antibiotic substance made of the cobweb of common synanthropic spiders. G. P. Kirsanov. Uch. zap. Mord. gos. un. no. 13:124-142 '60.
Methods of immunotherapy increasing the effectiveness of treatment with antibiotics of typhoid fever and dysentery [with summary in English]. K. V. Bunin. Sov. med. 26 no. 6:41-52 Je '62.
Microflora and its sensitivity to antibiotics in chronic highmoritis [with summary in English]. P. V. Sergienko. Zhur. mikr., epid. i immunobiol. 22 no. 2:8-11 Mr-Ap '62.
Obtaining depot antibiotic preparations with prolonged action from Siberian fir balsam. P. A. IAkimov, V. A. Filippova, D. D. Mainaiia. Trudy Len. khim.-farm. inst. no. 15:235-243 '62.
Obtaining semiprocessed antibiotics for animal husbandry. P. A. IAkimov. Trudy Len. khim.-farm. inst. no. 15:247-250 '62.
Poisonous and antimicrobic substances in the tissues of some marine invertebrates. B. V. Chemtsov. Trudy MMBI no. 4:244-249 '62.
Possibility of using a freezing out process for concentrating antibiotic solutions. P. A. IAkimov, V. IA. Vorob'eva. Trudy Len. khim.-farm. inst. no. 15:105-113 '62.
Problems in local antibiotic therapy of acute peritonitis. E. N. Maloman. Vest. khir. no. 5:58-62 '62.
Purification of waste waters in the antibiotics industry. N. A. Zaikina, N. P. Elinov, P. A. IAkimov. Trudy Len. khim.-farm. inst. no. 15:279-284 '62.
Sensitivity of the microflora of the palatine tonsils to some antibacterial preparations in chronic tonsillitis in children [with summary in English]. F. I. Stovbun, P. I. Gozunterman. Zhur. mikr., epid. i immunobiol. 22 no. 2:63-64 Mr-Ap '62.
Synthesis, properties, and antibacterial activity of some picolinamidrazones. A. Spasov, E. Golovinskii. Zhur. obshch. khim. 32 no. 10:3394-3400 O '62.
Test of new forms of feed antibiotics in fattening swine for meat. E. F. Kiseleva. Trudy Len. khim.-farm. inst. no. 15:259-271 '62.

ANTIBIOTICS—TOXICOLOGY
Generalized candidiasis as a complication of antibiotic therapy. M. L. Samoilovich, A. M. Charnyi. Sov. med. 26 no. 7:125-128 Jl '62.

ANTICOAGULANTS (MEDICINE)
Comparative evaluation of the results of treating disorders of the brain's blood supply with and without the use of anticoagulants [with summary in French]. I. V. Mokhina. Zhur. nevr. i psikh. 61 no. 10:1477-1481 '61.
Preventive action of antithrombin VI in experimental thrombogenesis [with summary in English]. B. A. Kudriashov and others. Vop. med. khim. 8 no. 1:69-72 Ja-F '62.
Prolonged use of anticoagulants in the clinic for nervous diseases [with summary in French]. B. S. Vilenskii. Zhur. nevr. i psikh. 61 no. 10:1482-1486 '61.

ANTIGENS AND ANTIBODIES
Antigenic properties of Sonne dysentery microbes. L. I. Koenman. Trudy TashNIIVS 6:230-244 '61.
Antigenic properties of the vitreous body [with summary in English]. L. T. Gil', T. A. Kolotova. Vest. oft. no. 1:69-71 '62.
Role of antibodies in the pathogenesis of malignant growth [with summary in English]. I. N. Maiskii. Biul. eksp. biol. i med. 54 no. 7:69-74 Jl '62.
Study of the organ specific antigenic properties of the human brain using sera containing isoimmune antibodies to the brain [with summary in English]. N. I. Kuznetsova, N. N. Popova. Biul. eksp. biol. i med. 54 no. 7: 62-68 Jl '62.
Study of the population of Riga for the presence in the blood of antibodies to the ECHO group of viruses [with summary in English]. M. Indulena, I. Kanelis. Vop. virus. 7 no. 5:547-551 S-O '62.
Titration of the tick-borne encephalitis virus and virus-neutralizing antibodies in a culture of human embryonal fibroblasts by the poliomyelitis virus interference phenomenon [with summary in English]. A. D. Alkhazishvili. Vop. virus. 7 no. 5:529-534 S-O '62.

ANTIMONY—ISOTOPES
Characteristics of antimony behavior during anion exchange. Szilard-Chalmers effect in an ion exchanger. L. N. Moskvin. Radiokhimiia 4 no. 4:514-516 '62.

ANTIMONY—INDIUM ALLOYS see Indium-antimony alloys

ANTIMONY ORES
Possibilities of utilizing primary halos of dispersion of mercury in prospecting for antimony deposits. N. A. Ozerova. Uch. zap. SAKIMSa no. 5:69-79 '61.

ANTIMONY SELENIDE—ELECTRIC PROPERTIES
High-voltage photo-e.m.f. in antimony triselenide. V. M. Lisitsyn, G. A. Fedorova. Fiz. tver. tela 4 no. 8: 2026-2030 Ag '62.

ANTIMONY—TIN—LEAD ALLOYS see Lead-antimony-tin alloys

ANTI-NAZI MOVEMENT see subdivision under Germany

ANTIPYRINE
Dyes with antipyrine nuclei. Part 9: Derivatives with two and three heterocycles. O. F. Ginzburg, V. V. Belogorodskii, A. S. Petrov. Zhur. obshch. khim. 32 no. 10:3317-3320 O '62.

ANTIQUITIES see Archaeology; also subdivision 'Antiquities' under Akstafa Valley; Donets Valley; Goryn' Valley; Greece; Kanov District; Kursk Province; Penza Province; Samarkand; Smolensk Province; Staraya Igren' region; Syr-Darya Valley; Syria

ANTIRELIGIOUS MOTION PICTURES see Motion pictures, Antireligious

ANTISEPTICS
Seven-year red tape. B. Ligiladze. Okhr. truda i sots. strakh. 5 no. 10:35 O '62.

ANTS
Methods of quantitative determination of ants living in soil. G. M. Dlusskii. Vop. ekol. 4:101-102 '62.

ANUS—ABNORMITIES AND DEFORMITIES
Two-stage abdominal and perineal plastic surgery in atresia of the anus with vaginal fistula in a child. N. B. Sitkovskii. Vest. khir. 87 no. 11:117-119 N '61.

ANUS—SURGERY
Surgical treatment of developmental defects in the anus and rectum. V. A. Levenets. Zdrav. Tadzh. 9 no. 4: 25-27 Jl-Ag '62.

AORTA—DISEASES
Coarctation of the aorta with special attention to improving the surgical technic. E. Dekhtiar'. Zdrav. Bel. 8 no. 2:65-66 F '62.
Diagnosis of congenital stenosis of the aorta [with summary in English]. Sov. med. 26 no. 10:27-33 O '62.

APARTMENT HOUSES
(see also subdivision under Chelyabinsk; Kazakhstan; Kiev; Leningrad; Volgograd; Volgograd Province)
Akademiia stroitel'stva i arkhitektury SSSR. Institut organizatsii, mekhanizatsii i tekhnicheskoi pomoshchi stroitel'stvu. [Erection of completely precast apartment houses] Montazh polnosbornykh zhilykh zdanii; spravochnoe posobie. Pod red. V. P. Proskurnina. Moskva, Gosstroiizdat, 1962. 94 p.
Building large-panel apartment houses out of air-entrained fly-ash concrete. S. I. Permiakov, I. A. Telegina. Trudy NIISF no. 1:80-94 '62.
Give free play to cooperative construction. S. Rozentsev. Zhil.-kom. khoz. 12 no. 11:12 N '62.
Large-panel housing construction in White Russia. Biul. strol. tekh. 19 no. 5:44-45 My '62.
Raising the quality of large-panel housing construction. Biul. strol. tekh. 19 no. 5:3-6 My '62.
Zal'tsman, A. M., ed. [Housing construction in the U. S. S. R.; present state and prospects for development] Zhilishchnoe stroitel'stvo v SSSR; sostoianie i perspektivy razvitila. Moskva, Gosstroiizdat, 1962. 202 p.

APARTMENT HOUSES—HEATING AND VENTILATION (see also subdivision under Leningrad)

Economic expediency of certain methods of reducing heat losses in apartment houses V M Karro Izv. AS1A 4 no.1 111-117 '62

APARTMENT HOUSES—MAINTENANCE AND REPAIR (see also subdivision under Leningrad, Moscow, Saratov, Sverdlovsk)

Lanisov, V A. [Mechanization of the major repair of apartment houses] Opyt mekhanizatsii kapital'nogo remonta zhilykh domov [Leningrad] Lenizdat, 1961. 117 p.

Using chain saws in the major repair of buildings V. A. Lantsov, B. A. Nalbandov. Stroi. i dor. mash 7 no 10: 22-23 O '62.

APARTMENT HOUSES, COOPERATIVE

Legal forms of the joint construction of dwellings. I. I. Pepelisev. Trudy Inst. filos. i prava AN Kazakh. SSR 6 140-163 '62.

APATITE

Method for determining fluorine in apatite-nepheline ores and apatites. I. G. Izhak. Zav. lab. 28 no. 8 907 '62.

APNOEA

Tracheobronchoesophagoscopy under intravenous barbiturate anesthesia under conditions of apnea [with summary in English]. G R Khundadze, G M. TSanava Khirurgiia no 12 27-29 '61

APOLLONIA—MOSAICS

Mosaics of Illyrian Apollonia N A Onaiko. Sov arkheol. 6 no 1:157-178 '62.

APOLOGETICS

Zen'kovskii, V. V. [Fundamentals of Christian philosophy] Osnovy khristianskoi filosofii. [Frankfurt am Main Possev-Verlag.]

Vol. 1. [Christian theory of cognition] Khristianskoe uchenie o poznanii [1960]. (His: Filosofskaia trilogiia, no. 1)

APOPLEXY

Neurohumoral substances in the proserine treatment of post-insultus motor disorders [with summary in French]. A A Filina Zhur nevr. i psikh 61 no. 10 1469-1476 '61

Use of Soviet curarelike preparations in spastic paresis during the recovery period after the insultus [with summary in French]. L. G. Stoliarova. Zhur. nevr. i psikh. 61 no. 10 1463-1468 '61.

APPARATUS, PHYSIOLOGICAL see Physiological apparatus

APPELLATE COURTS

Let us improve the rulings of appellate courts IU Tytarenko Rad. pravo no. 6 124 N-D '62.

APPENDICITIS

Interfunctional relations of the digestive organs of the abdominal cavity in chronic appendicitis. M. S. Kruglov. Zdrav. Bel. 8 no. 7 24-25 Jl '62.

Leiomyoma of the mesentery simulating acute appendicitis. S P. Mokrovskaia Vest. khir no 6:87-88 '62.

Leningrad Urban Conference devoted to Acute Appendicitis M. M. Karpov Vest khir. 87 no. 11:143-146 N '61

Retrograde invagination of the small intestine in ascariasis, Meckel's diverticulum, and acute phlegmonous appendicitis V. G Sanin Vest. khir. 87 no 11:115-117 N '61

APPLE

(see also subdivision under Kirghizistan)

Relation between the calcium content of the ash of apple shoots and the capacity of trees to set fruit buds. V. E. Perfil'ev. Fiziol. rast. 9 no. 3 371-372 '62.

Using Chinese apple as stock. A P. Baranova. Agrobiologiia no 5:716-721 S-O '62.

APPLE—DISEASES AND PESTS see subdivision under Canada, Moldavia

APPLE SCAB

(see also subdivision under Kamenets Podol'skiy District; Ukraine)

Adaptability of the pathogen of apple scab to fungicides. N M. Golyshin Zashch rast ot vred i bol 7 no 7 30-31 Jl '62

A substitute for Bordeaux mixture. IU. F Kulibaba. Zashch. rast. ot vred i bol. 1 no. 6:41-42 N-D '59

APPROXIMATE COMPUTATION

Method of successive approximations for the solution of problems of optimum control. I. A Krylov, F. L. Chernous'ko. Zhur. vych. mat. i mat. fiz. 2 no. 6:1132-1138 N-D '62.

Method of successive search for an approximate solution to certain problems of optimum designing. I. B. Motskus. Zhur. vych. mat. i mat. fiz. 2 no. 6:1139-1144 N-D '62.

Monotone processes of bilateral approximations in a partially ordered convergence group S. N. Slugin. Dokl. AN SSSR 147 no. 1:34-37 N '62.

APRICOT—DISEASES AND PESTS see subdivision under Ukraine

APSHERON PENINSULA—CAROB

The carob tree Ceratonia siliqua L. in the Apsheron Peninsula P A Shutov, A D Strekova, S G Alekperova Subtrop. kul't. no 2 125-130 '62

AQUATIC SPORTS

Competition of courageous men. V. Maksimenko Voen. znan. 38 no. 11 31-32 N '62.

ARAGATS, MOUNT

Oganezov, G. G. [Underground waters of the Ararat Depression] Podzemnye vody Araratskoi kotloviny. Erevan, Armianskoe gos. izd-vo.

Vol. 3. [Water cycle of the Aragats Massif] Vodnyi balans massiva Aragats. 1962. 450 p.

ARARAT REGION—CORN (MAIZE)

Agroclimatic conditions for growing corn on stubble in the Ararat Depression [in Armenian with summary in Russian]. R. S. Mkrtchian, A M Kirakosian Izv. upr. sel'khoz. nauki Arm SSR 4 no. 10 25-32 '61.

ARARAT REGION—CROPS AND CLIMATE

Agroclimatic conditions for growing corn on stubble in the Ararat Depression [in Armenian with summary in Russian] R. S. Mkrtchian, A. M. Kirakosian. Izv. upr. sel'khoz. nauki Arm. SSR 4 no. 10 25-32 '61.

ARARAT REGION—POTATOES

Studying some biological characteristics of potatoes cultivated in the Ararat Plain [in Armenian with summary in English]. T. S. Ter-Sankian Izv. AN Arm. SSR. Biol. nauki 15 no. 9:63-67 S '62.

ARARAT REGION—SOIL PHYSICS

Methods for making cartograms representing the specific resistance of soils A. P. Oganesian Zemledelie 24 no 42-49 O '62

ARARAT REGION—VEGETABLE GARDENING

Effectiveness of the concentration of vegetables growing on collective farms in the Ararat Plain [in Armenian with summary in Russian] Z. K. Kamalian. Izv. upr. sel'khoz. nauki Arm. SSR 4 no 10:3-8 '61

ARBITRATION AND AWARD see subdivision under Ukraine

ARBUZOV REARRANGEMENT see Rearrangements (Chemistry)

ARCHAEOCYATHIDAE

Concerning the article by A. IU. Rozanov "New representatives of archaeocyathids of the family Dokidocyathidae." A G. Vologdin Sov geol. 5 no. 9:146-147 S '62

ARCHAEOLOGICAL MUSEUMS AND COLLECTIONS see subdivision under Moishansk

ARCHAEOLOGICAL SOCIETIES see subdivision under Odessa

ARCHAEOLOGICAL SURVEYING see subdivision under Ryazan

ARCHAEOLOGY

(see also subdivision under Crimea; Issyk-Kul' region, Kazakhstan; Krasnoyarsk Territory; Volga Valley, Vologda Province; also subdivision 'Antiquities' under Akstafa Valley, Donets Vallery, Goryn' Valley, Greece; Kanev District; Kursk Province; Penza Province, Samarkand; Smolensk Province; Staraya Igren' region; Syr-Darya Valley; Syria)

Academic Council of the Institute of Archaeology of the Academy of Sciences of the U.S.S.R. in 1959-1960. N.IA. Merpert. Krat. soob. Inst. arkheol. no. 87:117-118 '62.

A session of the Department of History and the Institutes of Archaeology and Ethnography of the Academy of Sciences of the U.S.S.R. L.M. Vest. drev. ist. no.4: 178-184 '62.

"Studies of the Odessa Archaeological Society." Vol. 1. Reviewed by T. Z. Sov. arkheol. 6 no. 1:277-280 '62.

Work of the sections and groups of the Institute of Archaeology of the Academy of Sciences of the U.S.S.R. L. V. Alekseev, P. A. Rappoport. Krat. soob. Inst. arkheol. no. 87:118-126 '62.

ARCHAEOLOGY—BIBLIOGRAPHY see Bibliography—Archaeology

ARCHAEOLOGY—CONGRESSES

Session of the Department of History and the plenum of the Institute of Archaeology of the Academy of Sciences of the U.S.S.R. P. M. Kozhin. Sov. arkheol. 6 no. 4: 284-291 '62.

ARCHANGEL PROVINCE—FOLK ART

Folk art in Archangel Province. N. V. Taranovskaia. Krat. soob. Inst. etn. no. 37:26-38 '62.

ARCHANGEL PROVINCE—GLACIOLOGY

Results of palynological and diatomic analyses of Quaternary sediments in the northern part of Archangel Province. K. V. Zhelubovskaia, T. E. Ladyshkina. Sov. geol 5 no. 6:126-129 Je '62.

ARCHITECTS—EDUCATION AND TRAINING

Train specialists to design interiors of buildings. M. Lisitsian Arkhit. SSSR no. 10:26 '62.

ARCHITECTURAL ACOUSTICS

"Statistical architectural acoustics" by L. Cremer [Reviewed by V. S. Grigor'ev. Akust. zhur. 8 no 3, 376-377 '62.

ARCHITECTURE

(see also subdivision under Yakutia)

Influence of new elements and materials on architecture V. IAntsevich Stroi. i arkhit. 10 no 10 5 O '62

ARCHITECTURE—ABSTRACTS

[Journal of abstracts: Construction and architecture] Ref. zhur. Stroi. i arkhit. no. 6 '62.

ARCHITECTURE—COMPETITIONS

Creative competitions. Stroi. i arkhit. Len. 27 no. 12 27-28 D '61.

ARCHITECTURE—DESIGNS AND PLANS

(see also subdivision under Kazakhstan; Latvia, Lithuania, Moldavia; Tajikistan, Uzbekistan, White Russia)

Creative contribution of young architects I. Stamo Arkhit SSSR no 9 10-23 '62

On the way to a great skill. N Filipovskaia Arkhit SSSR no. 9:2-9 '62

Statute concerning the Main Administration of state examination of plans developed by the State Committee on Construction of the U S S. R. Biul. stroit tekh 19 no 5:7 My '62

ARCHIVES

(see also subdivision under Kazakhstan; Soviet Central Asia)

A conference of the personnel of party archives. M. I. Moskalenko. Ukr. ist. zhur. 6 no. 4:163-164 Je-Ag '62.

A conference of the personnel of party archives. M. V. Grebennikov, I. V. Kuteinikov, G. V. Udin. Ist. arkh. 8 no. 1:237-239 Ja-F '62.

ARCHMAN—HEALTH RESORTS, WATERING PLACES, ETC.

Treatment of gynecological diseases at Archman health resort V. I. IUrkin. Zdrav. Turk. 6 no. 2 40-43 Mr-Ap '62

ARCTIC REGIONS

Physical culture as a curative factor under polar night conditions. B. A. Kotolev. Vop. kur., fizioter. i fiz. kul't 27 no. 2:168-169 Mr-Ap '62.

ARCTIC REGIONS—BUMBLEBEES

More on conjugate distribution of bumblebees and leguminous plants in the Arctic. D. V. Panfilov, V. I. Shamurin, B. A. IUrtsev. Biul. MOIP. Otd. biol. 67 no 3:130-131 My-Je '62

ARCTIC REGIONS—CLIMATE

Pumps in the Bering Strait. O Nokolov. Znan. ta pratsia no. 9:5-7 S '62

ARCTIC REGIONS—LEGUMINOSAE

More on conjugate distribution of bumblebees and leguminous plants in the Arctic. D. V. Panfilov, V. I. Shamurin, B. A. IUrtsev. Biul. MOIP. Otd. biol 67 no. 3:130-131 My-Je '62.

ARCTIC REGIONS—MAGNETISM, TERRESTRIAL—SECULAR VARIATION

Secular variation of geomagnetic elements in the Arctic for the period 1954-1959. V. P. Orlov. Geomag. i aer. 2 no. 1:167-171 Ja-F '62.

ARCTIC REGIONS—RUSSIAN EXPLORATION

"Conquest of the Arctic regions" by V D Novikov Book review Priroda 51 no 11 121-122 N '62

ARCTIC REGIONS—SOLAR RADIATION

Anomalous absorption in the polar cap. G. M. Krasovskaia. Geomag. i aer. 2 no. 1:105-113 Ja-F '62

ARCTIC REGIONS—WINDOWS—THERMAL PROPERTIES

Studies of the process of heat transfer through windows in stone buildings of the Arctic. A. P. Vasilovskii. Trudy NIISF no. 1:61-71 '62.

ARITHMETIC—AUDIO-VISUAL AIDS

Methods of stimulating oral computation. G. M. Reznikov. Nach. shkola 30 no 11:77-81 N '62.

ARITHMETIC—STUDY AND TEACHING

Efficient methods of oral and written computations in arithmetic lessons. V. A. Ignat'ev. Nach. shkola 30 no. 11:73-77 N '62.

Preventing some arithmetical mistakes. A. L. Lenichkin Mat. v shkole no 4:49-52 Jl-Ag '62.

Russia (1917- R.S.F.S.R.) Ministerstvo prosveshcheniia. [Programs for grades 3 and 4 of evening (staggered) secondary general schools; the Russian language and arithmetic] Programmy III-IV klassov vechernei (smennoi) srednei obshcheobrazovatel'noi shkoly, russkii iazyk, arifmetika. Moskva, Uchpedgiz, 1962. 29 p.

ARMENIA—AGRICULTURAL RESEARCH
The scientific technological council and its tasks [in Armenian with summary in Russian]. A. N. Galstian. Izv. upr. sel'khoz. nauki Arm. SSR 4 no. 10 103-106 '61.

ARMENIA—AIR—PURIFICATION
Improve atmospheric air purification from industrial pollution. A. Zakharian. Prom. Arm 5 no. 10 15-18 O '62.

ARMENIA—ALUMINUM FOIL—TESTING
Investigating the mechanical properties of annealed rolled aluminum. G. Artemian. Prom. Arm. 5 no. 10: 40-42 O '62.

ARMENIA—BOTANY
Materials on the flora of the Armenian S. S. R. Report No. 3. IA. I. Mulkidzhanian. Izv. AN Arm. SSR. Biol nauki 15 no. 9:21-25 S '62
Some rare and critical plants of Armenia; Geraniaceae, Linaceae, Euphorbiaceae, Guttiferae, Violaceae, Umbelliferae. A. G. Elenevskii. Izv AN Arm SSR Biol nauki 15 no. 9:27-31 S '62.

ARMENIA—BURNING OF LAND
Effect of burning alfalfa stubble on dodder [in Armenian with summary in Russian]. N O Karapetian. Izv. upr. sel'khoz. nauki Arm. SSR 4 no. 10 47-51 '61.

ARMENIA—COMMERCE
Armenian export deliveries are increasing. E. Astsatrian. Vnesh. torg 42 no. 11:48-49 '62

ARMENIA—DISEASES—REPORTING
Some results of studying surgical diseases endemic to Armenia. I. Kh. Gevorkian. Trudy Erev. med. inst. no. 11 323-329 '60.

ARMENIA—DODDER
Effect of burning alfalfa stubble on dodder [in Armenian with summary in Russian]. N. O. Karapetian. Izv. upr. sel'khoz. nauki Arm. SSR 4 no. 10:47-51 '61.

ARMENIA—ECONOMIC CONDITIONS
Armenian export deliveries are increasing. E. Astsatrian. Vnesh. torg. 42 no 11:48-49 '62
In the Economic Council of the Armenian S. S. R. Prom. Arm. 5 no. 10:63-61 O '62.

ARMENIA—EFFICIENCY, INDUSTRIAL
Meeting of efficiency promoters. Prom. Arm. 5 no. 10 38-39 O '62.

ARMENIA—ELECTRIC MACHINERY INDUSTRY
Address of the collective of the "V. I. Lenin" Electric Machinery Plant to the collectives of industrial enterprises in Erivan and Armenia, to all workers, engineers, technicians, and employees, and to all working people. Prom. Arm. 5 no. 10 3-1 O '62.

ARMENIA—ENSILAGE
Economic effectiveness of surface ensilage [in Armenian with summary in Russian]. L. I. Adamian. Izv. upr. sel'khoz. nauki Arm SSR 4 no. 10 9-15 '61.

ARMENIA—ETHNOLOGICAL RESEARCH
Armenian ethnography during the years of Soviet rule D S Vardumian Sov etn. no 5 111-116 S-O '62.

ARMENIA—FURNITURE INDUSTRY—EQUIPMENT AND SUPPLIES
New materials and technology of their application in the manufacture of furniture in Armenia G. Shaginian. Prom. Arm. 5 no. 10:20-31 O '62.

ARMENIA—GAS RESEARCH
Development of new technological processes for the chemical processing of natural gas and benzene gas. Kh. Gregorian. Prom. Arm. 5 no. 10:55-56 O '62.

ARMENIA—GYPSUM PRODUCTS
Ways of improving the technology of alm production. Kh. Gevorkian, L. Zakharov, O. Martirosian. Prom Arm. 5 no. 10:21-21 O '62.

ARMENIA—ICHNEUMON FLIES
Composition of the tribe Acoentini (Hymenoptera, Ichneumonidae) and its new representatives from Armenia [with summary in English]. G A. Viktorov. Ent. oboz. 41 no. 2.417-425 '62.

ARMENIA—INDUSTRIAL MANAGEMENT
The economic analysis of the managerial activities of an enterprise should meet the standards of the new requirements. Prom. Arm. 5 no. 10:5-8 O '62.

ARMENIA—INDUSTRIAL ORGANIZATION
Complex distribution of the production forces and tasks of district planning. R. Ovesian. Prom. Arm. 5 no. 10:12-15 O '62.

ARMENIA—INDUSTRIES—BIBLIOGRAPHY
Foreign periodicals received by the scientific and technological library of the Armenian Economic Council during 1962. Prom. Arm. 5 no. 10:71-72 O '62.
Foreign scientific and technological journals published in Russia. Prom. Arm. 5 no. 10, 73 O '62.
New books and information materials received by the scientific and technological library of the Armenian Economic Council. Prom. Arm. 5 no. 10:70-71 O '62.

ARMENIA—LABOR SUPPLY
Struggle of the Communist Party of Armenia for the training of industrial workers during the years of the fourth five-year plan. G Noi-Arevian. Trudy Erev. med. inst. no. 11:21-27 '60

ARMENIA—LATHYRUS
Two new species of Leguminosae from Armenia A G Elenevskii. Biul. MOIP Otd biol 67 no 3:128-130 My-Je '62

ARMENIA—MILK VETCHES
Two new species of Leguminosae from Armenia A G. Elenevskii Biul MOIP, Otd biol 67 no. 3 128-130 My-Je '62

ARMENIA—MOTION-PICTURE INDUSTRY
Leningrad. Gosudarstvennaia akademiia iskusstvoznaniia. [Cinematography of Armenia] Kinematografiia Armenii. Moskva, Izd-vo vostochnoi lit-ry, 1962. 345 p.

ARMENIA—OWLET MOTHS
Oratocelis communimacula Hb as a predator of Didesmococcus megriensis Borch, [in Armenian with summary in Russian]. G. A. Babaian Izv. AN Arm. SSR Biol. nauki 15 no. 9:83-88 S '62.

ARMENIA—PARASITES—SCALE INSECTS
Oratocelis communimacula Hb. as a predator of Didesmococcus megriensis Borch. [in Armenian with summary in Russian]. G. A. Babaian. Izv. AN Arm SSR. Biol. nauki 15 no. 9:83-88 S '62.

ARMENIA—PEACH—DISEASES AND PESTS
Oratocelis communimacula Hb as a predator of Didesmococcus megriensis Borch. [in Armenian with summary in Russian]. G. A. Babaian. Izv. AN Arm. SSR Biol. nauki 15 no. 9:83-88 S '62.

ARMENIA—PLANTS
Study of the natural radioactivity of the soil and plant cover of the Armenian S. S. R. L. E Mkrtchian, A. N Bragina, L. I. Zlobin Trudy Erev. med. inst. no. 11: 145-150 '60

ARMENIA—PRECAST CONCRETE CONSTRUCTION
Precast concrete pits for irrigation systems. Prom. Arm 5 no. 10:35 O '62.

ARMENIA—PUBLIC HEALTH
Forty years of Soviet public health in Armenia. M. M. Melik-Karamian Trudy Erev. med. inst no. 11:5-12 '60.

ARMENIA—RESEARCH, INDUSTRIAL
Struggling for progress. T. Aleksanian. Prom. Arm. 5 no. 10:57-58 O '62.

ARMENIA—REVOLUTION, 1917-1921
Revolutionary committees in Armenia in the fight to strengthen Soviet power (November, 1920 - February, 1921). S. M. Sagradian. Trudy Erev. med. inst. no 11: 13-20 '60.

ARMENIA—SAINFOIN—DISEASES AND PESTS
Transmission of the Ascochyta disease of sainfoin by seeds and effectiveness of their disinfection [in Armenian with summary in Russian]. T G Stepanian. Izv. upr. sel'khoz. nauki Arm SSR 4 no. 10, 53-57 '61.

ARMENIA—SILK MANUFACTURE
Eliminating strip in woven silk fabrics. A. Platkova. Prom. Arm. 5 no. 10:31 O '62.

ARMENIA—SOILS
Study of the natural radioactivity of the soil and plant cover of the Armenian S. S. R. L. E. Mkrtchian, A. N. Bragina, L. I. Zlobin. Trudy Erev. med. inst. no 11 145-150 '60.

ARMENIA—SOUVENIRS (KEEPSAKES)
Souvenirs made of horn and bone. Prom. Arm. 5 no. 10, 36 O '62.

ARMENIA—TECHNOLOGY—INFORMATION SERVICES
In the Armenian House of Technology. Prom. Arm. 5 no. 10 64-65 O '62.

ARMENIA—TOXOPLASMOSIS
Human toxoplasmosis in Armenia. Z. S. Isaakian. Trudy Erev. med. inst. no. 11:179-182 '60.

ARMENIA—VEGETABLE GARDENING
Effect of transplantation dates and space arrangement on the yield of biennial vegetable seeds [in Armenian with summary in Russian]. A. E Ovsepian. Izv. upr. sel'khoz. nauki Arm. SSR 4 no. 10 33-37 '61.

ARMENIA—WATER RESOURCES DEVELOPMENT
"Development of water resources in Armenia" [in Armenian with summary in Russian] by G. A. Adalhanian. Reviewed by G. A. Ambartsumian. Izv. upr. sel'khoz. nauki Arm SSR 4 no. 10:97-102 '61.

ARMENIA—WHEAT
Investigation of wheat in the Ararat Plain and Kamo District obtained from irradiated seeds [in Armenian with summary in English]. V. S. Pogosian. Izv. AN Arm. SSR. Biol. nauki 15 no. 9:75-82 S '62.

ARMENIA—WINE AND WINE MAKING
New table wines with a high extractive content [in Armenian with summary in Russian] L M Dzhanpoladian, Kh. S Geborkian, M B Alaverdian Izv. upr. sel'khoz. nauki Arm. SSR 4 no. 10 59-65 '61.

ARMENIAN MANUSCRIPTS see Manuscripts, Armenian

ARMIES see also subdivision 'Army' under Turkey

ARMORED VEHICLES
Attack on armored carriers (company tactical drill with field firing) S. Savchenko, A. Grechikhin Voen vest 42 no 5 47-52 My '62

AROMATIC COMPOUNDS
Mutual effect of atomic groups in the molecules of aromatic compounds P. P. Shorygin. Probl. fiz. khim. no. 1 164-172 '58.

ARPENAL
Treatment of chronic cholecystitis using arpenal [with summary in English]. M. N. Raivo. Trudy LSGMI no. 69 179-183 '61.
X-ray study of the action of arpenal in dyskinesias of the biliary tract [with summary in English]. V. N. Okunevich. Trudy LSGMI no. 69 168-178 '61

ARREST
Savgirova, N. M. [Arrest and other measures of constraint in criminal procedure] Mery presecheniia i inye mery protsessual'nogo prinuzhdeniia, lektsiia po ugolovnomu protsessu dlia studentov vechernego i ochnogo obucheniia. [Moskva] Izd-vo Mosk. univ., 1960. 25 p.

ARSENAZO
Determination of trace amounts of neptunium with the arsenazo 3 reagent E. G. Chudinov, G. N. IAkovlev. Radiokhimiia 4 no 4 506-508 '62.
Reaction of pentavalent neptunium with the arsenazo 3 reagent. E. G. Chudinov, G. N IAkovlev. Radiokhimiia 4 no. 4 505-506 '62.

ARSENIC COMPOUNDS
Extend the use of arsenic preparations in the protection of grain crops E IA Spirina, V I Vil'iamson Zashch. rast. ot vred. i bol 7 no. 5 25-26 My '62

ARSENIC SULFIDE
Vapor pressure of arsenic and thallium sulfides. Vapor pressure of arsenic trisulfide. R. A. Imakov, V. N. Nesterov. Trudy Inst. met. i obog. AN Kazakh. SSR 5 29-33 '62.
X-ray diffraction study of radial distribution in amorphous solid solutions of $S - As_2S_3$ G S Zhdanov, A I. Soklakov Kristallografiia 7 no 1 555-559 Jl-Ag '62.

ARSINE
Asymmetric tertiary arsines. Part 3. 4-Naphthylethylalkylarsines and their derivatives Gil'm Kamai, IU. F. Gatilov Zhur. ob. khim 32 no. 10:3170-3172 O '62.

ARSK DISTRICT—COOPERATIVE SOCIETIES
Shareholders are our support. T. Nadyrshin Sov. potreb koop 6 no 7:28-30 Jl '62.

ART
(see also subdivision under Africa, West; Nigeria)
Kostin, V. I. [What is meant by the artistic image] Chto takoe khudozhestvennyi obraz. Moskva, Sovetskii khudozhnik, 1962. 58 p. (Besedy o iskusstve, no. 11)
Leonov, A. I., ed. [Russian art; studies on the lives and works of artists] Russkoe iskusstvo; ocherki o zhizni i tvorchestve khudozhnikov. Moskva, Iskusstvo.
Vol. 1. [Second half of the nineteenth century] Vtoraia polovina devatnadtsatogo veka, 1962. 691 p.
Pushkin, A. S. [Pushkin on art] Pushkin ob iskusstve. Sost. avtor vstup. stat'i i kommentariia G. M. Koka. Moskva, Izd-vo Akad. khudozh. SSSR, 1962. 199 p.
Rakova, M. M. [Russian art of the first half of the 19th century] Russkoe iskusstvo pervoi poloviny XIX veka. Moskva, Izd-vo Akad. khudozh. SSSR, 1962. 79 p. (Biblioteka po izobraziteľnomu iskusstvu dlia narodnykh universitetov kul'tury, khudozhestvennoi samodeiatel'nosti i shkol'nykh bibliotek)
Uvarova, I. P., comp. [Discussions on art: painting, graphic arts, sculpture, architecture, applied art] Besedy ob iskusstve: zhivopis', grafika, skul'ptura, arkhitektura, prikladnoe iskusstvo. Moskva, Izd-vo "Sovetskaia Rossiia," 1962. 126 p. (Bibliotechka sel'skogo klubnogo rabotnika, no. 7)

ART—BIBLIOGRAPHY see Bibliography—Art

ART—EXHIBITIONS
Quests of the young and wanderings of the critic N Malakhov. Oktiabr' 38 no 6:176-181 Je '62.

ART—STUDY AND TEACHING see subdivision under Leningrad

ART, ANCIENT
Moscow. Gosudarstvennyi muzei izobraziteľnykh iskusstv. [Guide to the museum, ancient Egypt, Asia Minor, ancient Greece, ancient Rome] Putevoditel' po muzeiu; Drevnii Egipet, Perednaia Aziia, Drevniaia Gretsiia, Drevnii Rim. Moskva, Iskusstvo, 1962. 147 p. (Iskusstvo Drevnego mira)

ART, ORIENTAL see subdivision under Leningrad

ART AND INDUSTRY
A "committee of industrial aesthetics." M Zadvornov Agitator no 21 35 N '62

ART GALLERIES AND MUSEUMS see subdivision under Moscow; Prague

ART INDUSTRIES see subdivision under Moscow

ARTEMOVSK REGION—BLASTING
Blast effect on interchamber pillars and roofs. V. V. Mishin. Izv vys. ucheb. zav., gor zhur. 5 no 9,34-36 '62.

ARTERIES
Vasodilation of the major arteries [with summary in English]. T. K. Dzharaktian, K. B. Tikhonov. Biul. eksp. biol. i med. 54 no. 7:14-17 Jl '62.

ARTERIES—DISEASES
Intravital diagnosis of periarteritis nodosa. A. P. Kalashnikova. Sov med. 26 no. 7:115-118 Jl '62.
Morphology of the blood in endarteritis obliterans. E. B. Babalian. Trudy Erev. med. inst. no. 11:331-334 '60.
Some biochemical changes in the blood of patients suffering from endarteritis obliterans G. A. Aslanian. Trudy Erev. med. inst. no. 11 335-339 '60.

ARTERIOSCLEROSIS
Changes in the blood lipid content in atherosclerosis and hypertension during the process of treatment. A. A. Katanian, E. F. Manukian. Trudy Erev. med. inst no. 11: 211-215 '60.
Effect of pharmacological preparations on coronary circulation under conditions of chronic test on dogs with experimental atherosclerosis [with summary in English]. Z. T. Samotlova Farm. i toks. 24 no 6,682-686 N-D '61
Lipoid and protein metabolism in arteriosclerosis [with summary in English]. V. N. Kozlovskii. Sov. med. 26 no. 10 10-14 O '62.

ARTHRITIS, RHEUMATOID
Combination of rheumatoid arthritis with silicosis (Collnet-Caplan syndrome). V. V. Orzheshkovskii, L. A. Petina. Sov. med 26 no 6:126-127 Je '62.
Terminology of so-called infectious nonspecific polyarthritis [with summary in English]. M. M. Shikhov, V. V. Orzheshkovskii. Vrach. delo no. 8;70-72 Ag '62.

ARTIFICIAL HIBERNATION
Use of a "lytic cocktail" in the compound treatment of an acute attack of glaucoma [with summary in English]. E N. Indeikin Vest oft no 4:32-34 '62.
Use of hexonium and a "lytic" cocktail in the surgical treatment of thyrotoxicosis. M. I. Mishenin. Zdrav. Bel. 8 no. 7:42-45 Jl '62.

ARTIFICIAL INSEMINATION
(see also subdivision under Dnepropetrovsk Province; Poltava Province)
Recent developments in eliminating sterility in sheep; valuable experience of the Zimovniki stock raisers A V. Tiupin Zhivotnovodstvo 23 no. 2:49-51 F '61
Simplified approach to an important problem. A. A. Zaitseman Zhivotnovodstvo 22 no. 2 64-65 F '60.

ARTIFICIAL KIDNEY see Kidney, Artificial

ARTIFICIAL LEATHER see Leather, Artificial

ARTIFICIAL SATELLITES
Presence of resonance phenomena in the motion of an artificial satellite resulting from its shape and the form of its orbit [with summary in English]. V. T. Kondurar', Astron. zhur. 39 no. 6:1112-1123 N-D '62.

ARTIFICIAL SATELLITES—OPTICAL OBSERVATIONS see subdivision under Ashkhabad

ARTIFICIAL SATELLITES—TRACKING
Independent optical method for determining the orientation of an artificial earth satellite in space. G. N. Krylov and others. Tel. [illegible] no. 14 145-159
Magnetic measurements by the automatic interplanetary station to Venus Sh Sh. Dolginov and others. Geomag. i aer. 2 no. 1:38-40 Ja-F '62

ARTILLERY
Artillery fire. B. Shipov. Voen. znan. 38 no. 11,13-14 N '62.
Artillerymen on the alert. Voen. znan. 38 no. 11:11 N '62.
Battle glory of artillerymen. V. Kazakov. Voen. znan. 38 no. 11:6-7 N '62.

ARTILLERY, FIELD AND MOUNTAIN
Battery in antitank reserve G. Danilov. Voen vest. 42 no. 5 27-31 My '62
Co-ordination of firing platoons S. Gavrilov. Voen. vest. 42 no. 5 106-109 My '62
Sergeant directs the fire of a battery. V Orlov. Starsh. -serzh no. 9 24-25 S '62

ASBESTOS
Merkur'ev, N. D. [Asbestos and searching for it] Asbest i ego poiski. Izd. 2. Moskva, Gosgeoltekhizdat, 1962. 23 p. (Bibliotechka iskatelia polezuykh iskopaemykh)

ASBESTOS CEMENT
Standards for the technical design of enterprises for the production of asbestos-cement products Biul stroi tekh. 19 no. 11 21-22 N '62.

ASCARIDS AND ASCARIASIS
Diverticulitis caused by ascariasis. I. I. Polubisok. Zdrav. Bel. 8 no. 7:79-80 Jl '62.
Retrograde invagination of the small intestine in ascariasis, Meckel's diverticulum, and acute phlegmonous appendicitis V. G. Sanin Vest. khir 87 no. 11:115-117 N '61.

ASCORBIC ACID
Kiev, Medychnyi instytut. [Problem of the interaction of vitamins C and P, galascorbin, its chemical, biological and therapeutic properties] K probleme vzaimodeistvila vitaminov C i P.; galaskorbin, ego khimicheskie, biologicheskie i terapevticheskie svoistva. Sbornik nauchnykh trudov pod red. E. F. Shamraia. Kiev, Gosmedizdat USSR, 1962. 274 p
Mechanism of the action of serotonin on tumors. Protection of active groups of 5-oxytryptamine from oxidation in the body [with summary in English]. E. Ch Pukhal'skaia. Vop. med. khim. 8 no. 1:42-47 Ja-F '62.

ASEMBERG, OTTO
Another war criminal. I. T. Nov. vrem. 20 no. 49:13 D '62.

ASHKHABAD—ARTIFICIAL SATELLITES—OPTICAL OBSERVATIONS
Observation of an artificial sodium comet in Ashkhabad on September 12, 1959. A. P. Savrukoin. Trudy fiz.-tekh. inst. AN Turk. SSR 8,223-226 '62

ASHKHABAD—ENGLISH LANGUAGE—STUDY AND TEACHING
English club in Ashkhabad. D. G. Plaksin. Inostr. iaz. v shkole no. 4,82-84 Jl-Ag '62.

ASHKHABAD—IONOSPHERIC RESEARCH
Characteristics of the sporadic E layer of the ionosphere over Ashkhabad during the International Geophysical Year and International Geophysical Cooperation (1957-1959). N. M. Erofeev, L. P. Korsunova, M. B. Ostanina. Trudy fiz.-tekh. inst. AN Turk. SSR 8 201-222 '62.
Studies of structural inhomogeneities and drifts in the ionosphere over Ashkhabad at altitudes of 200 to 100 km. conducted under the programs of the International Geophysical Year and International Geophysical Cooperation during 1958-1959. G. G. Dzhemilev and others. Trudy fiz.-tekh. inst. AN Turk. SSR 8:175-200 '62.

ASHKHABAD—METEORS
Visual observations of meteors in Ashkhabad during the International Geophysical Year and International Geophysical Cooperation. Kh. Gul'medov. Trudy fiz.-tekh. inst. AN Turk. SSR 8:75-124 '62.

ASHKHABAD—SCHOOLS—FIRES AND FIRE PREVENTION
A crew of braves. K. Karanurov. Pozh. delo 8 no 11: 27-28 N '62

ASHKHABAD—SILK MANUFACTURE—HYGIENIC ASPECTS
Skin paronychia of the hands in silk reelers and measures for eliminating it. E. N. Cherniak. Zdrav. Turk. 6 no. 2:26-28 Mr-Ap '62.

ASHKHABAD REGION—SOILS—ANALYSIS
Soils of the Ashkhabad Vegetable and Melon Variety Testing Station and their crop-producing characteristics. S. Khodzhakuliev. Izv. AN Turk. SSR, Ser. biol. nauk no. 5:29-35 '62.

ASIA—BIBLIOGRAPHY
[New Soviet and foreign literature on the countries of the non-Soviet East] Nov. sov. i inostr. lit. po stran. zarub. Vost. no. 8 '62.

ASIA—COMMERCE—UNITED STATES
American expansion in the countries of Asia and Africa in the 40's-60's of the 19th century [with abstract in English, p 225] N A Khalfin Nar Az i Afr [illegible] 67-77 '62

ASIA—HISTORY
Asia and Africa in the initial period of modern history, 1917-1923 V N Nikiforov Nar Az i Afr [illegible] 166-172 '62
History of the peoples of Asia and Africa in the "Great Historical Encyclopedia" N. P. Zubkov Nar Az i Afr no 6 172-176 '62

ASIA—NAMES, GEOGRAPHICAL—CONFERENCES
Soveshchanie po toponimike Vostoka, Moscow, 1961 [Transactions of the Conference on the Toponymy of the East] Trudy. Pod red. E. M. Murzaeva, V. S. Nikonova, V. V. TSybul'skogo. Moskva, Izd-vo vostochnol lit-ry, 1962. 208 p.

ASIA, CENTRAL—SEISMIC PROSPECTING
Characteristics of the structure of the earth's crust in the western part of Central Asia. [illegible] and others. Dokl. AN SSSR 146 no. 4 [illegible] '62.

ASIA, CENTRAL—SUSLIKS
Morphological and physiological characteristics of the pigmentation of brain membranes in the suslik, Citellus (Spermophilopsis) leptodactylus Licht. [with summary in English] V E Sokolov. Zool. zhur. 41 no. [illegible] Jl '62.

ASIA, SOUTHEASTERN—FOREIGN ECONOMIC RELATIONS—JAPAN
Methods of Japanese economic expansion in the countries of Southeastern Asia, 1957-1961. I. I. Vasil'evskaia. Krat. soob. Inst. nar. Az. no. 50 98-113 '62

ASIA, SOUTHEASTERN—FOREIGN ECONOMIC RELATIONS—RUMANIA
Rumania meets Asia. Z. Mirskii Nov. vrem. 32 no 48 10-11 N '62

ASIA, SOVIET CENTRAL see Soviet Central Asia

ASIA MINOR—LAND TENURE
Golubtseva, E. S. [Studies on the social and political history of Asia Minor from the first to the first century A. D.; independent rural communes] Ocherki po istorii politicheskoi istorii Maloi Azii v I-II vv. n. e.; nezavisimaia sel'skaia obshchina. Moskva, Izd-vo Akad. nauk SSSR, 1962. 194 p.

ASPARTIC TRANSAMINASE
Activity of aspartic aminopherase in liver of rats [with summary in English]. Z. G. Borkovskaia [illegible] Trudy LSGMI no. 69;73-80 '61.

ASPHALT CONCRETE
Designing the parameters of periodic blade [illegible] asphalt-concrete mixers. K. P. Sveshnikov [illegible] mash. 7 no 10:25-28 O '62.

ASPHYXIA
"Asphyxia of the fetus and the newborn" by [illegible] ninov. Reviewed by Z. Drobenia. Zdrav. [illegible] 80-81 Jl '62.
Restoration of vital functions in a state of [illegible] caused by mechanical asphyxia; experimental [illegible] Report No. 2. G. P. Piozorovskaia. Sud. [illegible] ekspert. 5 no. 4;18-23 O-D '62.

ASPHYXIA NEONATORUM
Artificial respiration apparatus for newborn [illegible] summary in English]. N. G. Gulink. Vop. [illegible] det. 7 no. 7;51-54 Jl '62.

ASSEMBLY-LINE METHODS
Automatic shop for manufacturing cardan [illegible] I. A. Sauskan. Biul. tekh.-ekon. inform. Gos. [illegible] issl. inst. nauch. i tekh. inform. no. 11 49-51 '62.
Combining technological processes of sheet steel [illegible] tion in one continuous line. A. I. Vilkin, V. A. [illegible] nov, S. S. Guseva. Sbor. trud. TSNIICHM [illegible] '62.
Continuous line in foundry practice. K. I. [illegible] Lit. proizv. no. 8;42-43 Ag '62.
Continuous mechanized production line for the manufacture of multiple-layer glazed candy. N. M. [illegible] A. N. Samburskaia. Khleb. i kond. prom. [illegible] 41 N '62.
Continuous production lines in the inspecting, [illegible] and storing sections. S. N. Pesheklonov. Tekst. [illegible] 22 no. 11;59-60 N '62.
Effect of the extension of continuous production [illegible] on the economic efficiency of automatic lines. M. F. Ratner. Mekh. i avtom. proizv. 16 no. 10 [illegible] '62.
Leonov, I. T. [Automatic lines for the production of tomato paste; adjustment and operation regulations] Avtomatizirovannye linii dlia proizvodstva tomatnoi pasty; naladka i pravila ekspluatatsii. Moskva, Pishchepromizdat, 1962. 91 p. (Uchebnoe posobie dlia podgotovki kadrov massovykh professii)

ASSEMBLY — LINE METHODS (Continued)
Moscow. Gosudarstvennyi nauchno-issledovatel'skii institut nauchnoi i tekhnicheskoi informatsii. [Exchange of experiences in continuous soap production] Obmen opytom po nepreryvnomu proizvodstvu myla. Moskva, 1962. 110 p.

Novikov, M. P. [Fundamentals of technological processes for the assembly of machinery and mechanisms] Osnovy tekhnologii sborki mashin i makhanizmov. Izd. 3., perer. i dop. Moskva, Mashgiz, 1962. 651 p.

Possibility of reducing the dynamic stresses in the drive of the continuous packaging and wrapping line of the APM automatic machine. G. D. Gal'perin, L. A. Sukhoi Izv. vys. ucheb. zav. ;pishch. tekh no 4 100-105 '62

ASSUAN DAM see Aswan dam

ASTATINE—ISOTOPES
Formation of the isotopes At^{209} and At^{207} by bombarding bismuth and lead with high-energy protons [with summary in English]. B. N. Beliaev and others Zhur. eksp i teor fiz 43 no 4:1129-1134 O '62.

ASTHMA
Clinical characteristics of bronchial asthma in infants [with summary in English]. O. N. Mizernitskaia. Vop. okh., mat. i det. 7 no. 7,34-40 Jl '62
Pathogenesis of bronchial asthma. M. M. Mirrakhimov, N. IA. IUsupova Sov. med 26 no. 7:24-27 Jl '62
Pulmonary atelectasis in a child during a seizure of bronchial asthma. N. A. Flurin, V. I. Kartasheva. Vop. okh., mat. i det. 7 no. 7,76-78 Jl '62.
Pulmonary resection in patients with tuberculosis and bronchial asthma. V. S Severev, B. S. Kibirk. Khirurgiia no. 1:107-109 '62,
Quantity of proteins, potassium and calcium in the blood serum in patients with bronchial asthma [with summary in English]. G Kh. Lazidi, Vop. med. khim. 8 no. 1 30-34 Ja-F '62.
Some indices of adrenal cortex function in bronchial asthma [with summary in English]. I. G. Danilak. Sov. med. 26 no. 10:36-42 O '62.
Surgical treatment of bronchial asthma [with summary in English]. D. Dimitrov-Szokodi Vest. khir 87 no. 11 52-57 N '61.
Tracheostomy as an effective measure in controlling asphyxia caused by status asthmaticus [with summary in English]. V. D. Malyshev, V. V. Sergevnin Vest. khir. 87 no. 11:57-61 N '61.

ASTRAGALUS see Milk vetches

ASTRAKHAN REGION—FISH CULTURE
Dream about the Caspian Sea. N. Mar Nauka i zhizn' 29 no 5:76-79 My '62.

ASTROCYTES—TUMORS
Clinical aspects of spongioblastomas [with summary in French]. E. V. Pavlotskaia, A. G. Grushina, N. I. Smirnova. Zhur. nevr. i psikh. 61 no 10:1493-1496 '61.

ASTROLABES
Using the Danjon prismatic astrolabe in observations of latitude variations at Poltava N. I. Panchenko, A. A. Slavinskaia. Trudy Polt. grav. obser. 11 :5-15 '62.

ASTRONAUTICS
Attack on space goes on. Znan. ta pratsia no. 9:0-0 S '62.
Chronicle of the cosmic era. Nauka i zhizn' 29 no. 5, 30-31 My '62.
Contribution of science to the world. N. Pavlenko. Znan. ta pratsia no 9:1-5 S '62.
Farther and farther into the outer space. V. Komarov Sov. shakht. 11 no 11:41-43 N '62
Flight of the American astronaut Walter Schirra. M. F. Rebrov. Priroda 51 no 11:113-114 N '62
Going to the stars IU Dokuchaev Starsh -serzh no 9 4-5 S '62
Lost and recovered weight. B. Viktorov. Nauka i zhizn' 29 no 5 42 My '62.
Man probes the secrets of outer space. A. Bogorodskii. Komm. Ukr. 38 no. 10:44-51 O '62.
On land and in outer space. IU. Rukasov and others. Starsh -serzh no. 9:2-3 S '62.
Reliability and accuracy G Pokrovskii. Starsh. -serzh no 9 3 S '62
School evenings dedicated to the successes of the U. S. S. R. in conquering space. P. N. Karnitskii. Fiz. v shkole 22 no. 2:54-56 Mr-Ap '62

ASTRONAUTICS—STUDY AND TEACHING
How to study the flight of artificial satellites and space ships. S. Zhamchuzhny. Nar. obr. no. 10,71-74 O '62.

ASTRONAUTICS AND RELIGION see Religion and astronautics

ASTRONAUTS
One more victory. IUn. nat. no. 10:16-17 O '62.

ASTRONOMICAL CLOCKS
Astronomical clocks with electromagnetically induced pendulum swing. F. M Fedchenko. Trudy inst Kom. stand., mer i izm. prib. no. 58,92-100 '62,
Electric clock mechanism for small telescopes. V. A. Anokhin. Biul. VAGO no. 32:55-57 '62.

ASTRONOMICAL MODELS
Self-excitation of a regular magnetic field in two-dimensional convection in a rotating gravitating sphere. B. A. Tverskoi Geomag. i aer. 2 no. 3 517-522 My-Je '62
Spherically symmetric models of explosions of novae [with summary in English]. D. K. Nadezhin, D. A. Frank-Kamenetskii. Astron. zhur. 39 no. 6:1003-1005 N-D '62.

ASTRONOMICAL OBSERVATORIES see subdivision under Crimea

ASTRONOMICAL PHOTOGRAPHY
Design of a cassette for photographing the moon with the surrounding stars [with summary in English] A. A. IAkovkin. Izv. Glav. astron. obser. AN URSR 4 no 2 32-34 '62.
Methods for and results of processing photographic observations of the moon [with summary in English]. I. V. Gavrilov, S. P. Maior, L. N. Miz' Izv Glav astron obser. AN URSR 4 no. 2 48-56 '62.
Photographic observations of meteor tracks. A. P. Savrukhin. Biul. VAGO no. 32:11-12 '62.
Photographing meteor tracks. Kh. D. Gul'medov. Biul. VAGO no. 32:13-14 '62.
Photographing the sun. A. M. Bogudlov. Biul. VAGO no. 32:58-59 '62.
Results of photographic observations of asteroids [with summary in English]. A. B. Onegina. Izv Glav. astron obser. AN URSR 4 no. 2:57-62 '62.
Using meteor photographs in determining the height of a homogeneous atmosphere of the earth, taking into account the limit mass of the meteor and the sensitivity of the radiation receiver. I. N. Kovshun. Geomag. i aer. 2 no. 1:140-147 Ja-F '62.

ASTRONOMICAL PHOTOGRAPHY—EQUIPMENT AND SUPPLIES
Increasing the sensitivity of astronomical photographic plates [with summary in English]. O. D. Dokuchaeva, L. IA. Kraush. Astron. zhur. 39 no. 6:1098-1101 N-D '62.

ASTRONOMY—BIBLIOGRAPHY see Bibliography—Astronomy

ASTRONOMY—CURIOSA AND MISCELLANY
Chronicle of the cosmic era. Nauka i zhizn' 29 no. 5: 30-31 My '62

ASTRONOMY—OBSERVATIONS
Kucherov, N. I. [Atmospheric conditions affecting observations] Astroklimat Moskva, Izd-vo "Znanie," 1962. 38 p. (Novoe v zhizni, nauke, tekhniko. IX Seriia Fizika i khimiia, no. 17)

ASTRONOMY—YEARBOOKS
[Astronomical calendar for 1962] Astronomiskais kalendars 1962 gadam. Desmitais gadagajums. Riga, Latvijas PSR Zinatnu akad. Izdevnieciba, 1961. 171 p. (In Latvian)
[MICROFILM]

ASTROPHYSIC—BIBLIOGRAPHY see Bibliography—Astrophysic

ASWAN DAM
Aswan as a symbol of friendship among peoples. F. Beliaev. Vnesh. torg. 42 no. 11:38-40 '62.

ASYNCHRONOUS ELECTRIC MOTORS see Electric motors, Induction

AT-BASHI DEPRESSION—WATER, UNDERGROUND
Underground waters of the At-Bashi Depression. E. N. Skvaletskii. Izv. AN Kir SSR. Ser. est. i tekh nauk 4 no. 3:101-111 '62.

ATHEISM
Against darkness and obscurantism K. Mal'tsev. Bibliotekar' no. 11,36-37 N '62.
"Basic principles of atheism" by V. K. Tancher. Reviewed by B. O. Lobovyk Ukr. ist. zhur. 6 no. 4:146-147 Jl-Ag '62.
"Communist education and the overcoming of religious vestiges" by F Dolgikh, A. Kuranov. Reviewed by V. Shprink. Nauka i rel. 4 no. 10:95 O '62.

ATHEISM—BIBLIOGRAPHY see Bibliography—Atheism

ATHEISM—STUDY AND TEACHING
(see also subdivision under Novosibirsk Province)
In the Pedagogical Society of the R. S. F. S. R. Nar. obr. no. 12:135 D '62.
School as a stronghold of atheism. P. Saklakov. Nar. obr. no. 12:62-63 D '62.
Scientific and atheistic training in grades five and six. L. G. Shchegoleva. Prep. ist. v shkole 17 no. 5:49-55 S-O '62.
We should teach our students to be militant atheists A. Rahachou, A. Astravenets. Nar. asv. no. 10 66-70 O '62

ATHETOSIS
Change in the subordinate influences on the motor chronaxia of the muscles in spastic hemiparesis and athetosis [with summary in French]. Z. A. Zhelobova Zhur nevr i psikh 62 no 6:815-819 '62.

ATHLETES—HYGIENE
Comparative effectiveness of respiration through the mouth and nose in muscular activity. V. V Mikailov Teor. i prak. fiz. kul't 25 no. 6:23-27 Ag '62.
Effect of temperature and humidity of the air on the temperature of the skin in track athletes. E. V. Evdokimova. Trudy LSGMI no. 38:64-75 '61.

ATLANTIC OCEAN—OCEAN CURRENTS
Annual fluctuations in the intensity of the Labrador and West Greenland Currents and the possibility of forecasting the temperature conditions in the commercial areas of the northwestern Atlantic Ocean A. A. Elizarov. Okeanologiia 2 no. 5:796-809 '62

ATLANTIC OCEAN—OCEAN TEMPERATURE
Annual fluctuations in the intensity of the Labrador and West Greenland Currents and the Possibility of forecasting the temperature conditions in the commercial areas of the northwestern Atlantic Ocean. A. A Elizarov. Okeanologiia 2 no. 5:796-809 '62.

ATLANTIC OCEAN—STRONTIUM
Strontium-90 in surface waters of the Atlantic Ocean. N. I. Popov and others. Okeanologiia 2 no. 5:845-848 '62.

ATMOSPHERE
Angular and spectral distribution of radiation reflected by the earth into space. M. S. Malkevich. Isk. sput. Zem. no. 14:30-48 '62.
Angular distribution of emerging heat radiation in different spectral regions. K. IA. Kondrat'ev, K. E. IAkushevskaia. Isk. sput. Zem. no. 14:13-29 '62.
Fluxes of emerging long-wave radiation on differently oriented surfaces. K. IA. Kondrat'ev, M. P. Fedorova. Isk. sput. Zem. no. 14:133-136 '62.
Measurements of the radiation balance from the Explorer-7 satellite. M. S. Malkevich, V. M. Pokras, L. I. IUrkova. Isk. sput. Zem. no. 14:105-132 '62.
Methodology of constructing charts of mean air transport. Z. I. Gavrilova. Trudy NIAK no. 16:50-51 '62.
Processing and analyzing some data obtained by the measurement of components of the radiation balance of the system "earth's surface-atmosphere" from the Tiros-2 satellite. K. IA. Kondrat'ev, M. P. Fedorova. Isk. sput. Zem. no. 14:95-104 '62.
Relationship between the earth's and troposphere's ascending radiation and the temperature field. S. G. Kolosov. Isk. sput. Zem. no. 14:137-141 '62.
Results of comparing the determination of tropopause boundaries based on criteria of the World Meteorological Organization and the Scientific Research Institute of Aeroclimatology. A. I. Radun. Trudy NIAK no. 16: 76-80 '62.
Three-dimensional problem of the motion of a cold air layer over mountains which are small compared to the thickness of the layer. E. R. Feinberg. Dokl. AN SSSR 147 no. 2:357-359 N '62.
Using meteor photographs in determining the height of a homogeneous atmosphere of the earth, taking into account the limit mass of the meteor and the sensitivity of the radiation receiver. I. N. Kovshun Geomag. i aer. 2 no. 1:140-147 Ja-F '62.
Vertical profile of the radiation balance and its components in free atmosphere during daytime. K. IA. Kondrat'ev, G. N. Gaevskaia, G. A. Nikol'skii. Isk. sput. Zem. no. 14:86-94 '62.

ATMOSPHERE—DENSITY
Determining the atmospheric density from observations of meteors. E. N. Kramer Geomag i aer. 2 no. 1: 134-139 Ja-F '62.

ATMOSPHERE, UPPER—ROCKET OBSERVATIONS
Measurement of the emerging heat radiation of the earth from a high-altitude geophysical automatic station during the total solar eclipse of February 15, 1961. I. P. Aver'ianov and others. Isk. sput. Zem. no. 14: 40-56 '62.
Spectrometric investigation of the ozone layer up to the altitude of 60 km A. V. IAkovleva. Isk. sput. Zem. no. 14:57-68 '62.

ATMOSPHERIC ACOUSTICS
Attenuation of sound propagated in the atmosphere. I. A. Dneprovskaia, V. K. Iofe, F. I. Levitas. Akust. zhur. 8 no. 3:301-307 '62.

ATMOSPHERIC TEMPERATURE
Basic regularity in the temperature distribution over oceans and continents. E. F. Babenkov. Okeanologiia 2 no. 5:789-795 '62.
Methodology of constructing charts and the location of the mean heights of isothermal surfaces. Z. I. Gavrilova, E. F. Sycheva. Trudy NIAK no. 16:16-19 '62.

ATMOSPHERIC TURBULENCE
Modeling random disturbances of a turbulent atmosphere. T. S. Martianova. Aviom. i eg. aviadvig. no. 4:19-32 '62.
Oscillations of an isothermal conducting atmosphere in the presence of gravity and magnetic fields, and harmonic pulsations of the earth's magnetic field. B. A. Tverskoi. Geomag. i aer. 2 no. 1:61-67 Ja-F '62.
Performance of an air intake and inlet control system in a turbulent atmosphere. V. I. Novikov. Aviom. reg. aviadvig. no. 4:33-62 '62.

ATOMIC BOMB—TESTING
(see also subdivision under United States)
Agreement is possible Nov vrem 20 no 47:1-2 N '62.

ATOMIC ENERGY—BIBLIOGRAPHY see Bibliography—Atomic energy

ATOMIC NUCLEI see Nuclei, Atomic

ATOMIC POWER
"International cooperation in using the atomic energy for peaceful purposes" by S Malinin, V Onushkin. Reviewed by S. V. Molodtsov. Izv vys ucheb zav , prav. 6 no.3 182-183 '62.

ATOMIC POWER PLANTS see subdivision under Czechoslovakia

ATOMIC WEAPONS
Consultation in Paris. T Fedorov. Mezhdunar.zhizn' 9 no.12 50-58 D '62.

ATOMIC WEAPONS—INTERNATIONAL CONTROL
Emel'ianov, V. S. [Responsibility of scientists] Ob otvetstvennosti uchenykh Moskva, Izd-vo "Znanie," 1962. 37 p. (Novoe v zhizni, nauke, tekhnike. IX Seriia. Fizika i khimiia, no. 21)

ATOMIC WEAPONS AND DISARMAMENT
Imperative call of our time. Komm Mold. 7 no. 7-3-7 Jl '62.
The Pugwash conferences of scientists in Cambridge and London. M.Rubinstein. Nov.vrem. 20 no.39: 9-11 S '62.

ATROPHY
Pathogenesis of facial atrophy [with summary in French]. E. K. Gur Zhur. nevr. i psikh 62 no 6 820-824 '62.

ATTACK AND DEFENSE (MILITARY SCIENCE)
Attack of rifle units (we discuss the article published in No 11, 1961) A. Bulatov and others Voen vest 42 no. 5 39-42 My '62.
Attack on armored carriers (company tactical drill) with field firing) S Savchenko, A. Grechikhin. Voen vest 42 no 5 47-52 My '62
Battery in antitank reserve. G. Danilov. Voen vest 42 no 5 27-31 My '62
By day and by night Starsh -serzh no. 9 12-13 S '62.
Cadets learn to fight a battle A. Priemchenko, M Kafinchuk. Voen vest. 42 no. 5 66-69 My '62
Defensive operations by rifle units. Voen. vest 42 no. 5 43-45 My '62.
Engineer support of an attack from the march P TSegenko. Voen vest 42 no 5.31-34 My '62.
On the march and in a meeting engagement. F. Khorin. Voen vest. 42 no. 5 91-94 My '62.

ATTORNEY AND CLIENT
Ethics of the legal profession I Levi. Rad. pravo no 6 121-123 N-D '62.

AUDIOMETRY
Kofomiichenko, A. I., and N. S. Sheinman. [Atlas of tonal audiometric studies; a textbook for practicing physicians and students] Atlas tonal'nykh audiometricheskikh issledovanii; posobie dlia prakticheskikh vrachei i studentov. Kiev, Gosmedizdat USSR, 1962. 202 p.
(DNLM)

AUDIO-VISUAL EDUCATION
Screen as a window into the unknown Z. I Abolikhina Rad shk 41 no 11 17-48 N '62
Visual aids in the pedagogical practice of N. F Bunakov. L. Privalova. Nar obr. no 12 88-90 D '62.

AUDITING AND INSPECTION
"Auditing the administrative operations of an enterprise" by S. Litovko, G. Makaimenko, M. Trunina. Reviewed by A. Kul'kov. Bukhg.uchet 18 no.10:70-71 O '62.

AUGER EFFECT
Determining the yields of the Auger effect from the K-shell for chlorine and potassium, taking as a basis the fluctuations in the quantum yield of the X-ray photoeffect of a massive KCl cathode. M. A. Rumsh, V. N. Shchemelev. Fiz. tver. tela 4 no. 8 2281-2282 Ag '62.

AURORAS
Changes in the location of the auroral zone due to the solar cycle. IA I. Fel'dshtein. Geomag. i aer. 2 no 3 571-572 My-Je '62.
Electron density fluctuations in the ionization zones of auroras. V. I. Pogoralov. Geomag. i aer. 2 no. 1: 68-70 Ja-F '62.
Fibrous structure of weak homogeneous arcs of auroras. IU. A. Nadubovich, G. V. Starkov. Geomag. i aer. 2 no. 1:71-73 Ja-F '62.
Radiation belts and auroras. M. A. Koretz, Z. L. Ponizovskii. Priroda 51 no. 11, 76-77 N '62.
Unusual aurora of February 11, 1958. L. S. Evlashin. Geomag. i aer. 2 no. 1:74-78 Ja-F '62.

AUSTRALIA—NATIVE RACES
Contemporary situation of the aborigines in Australia [with summary in English] V. R. Kabo. Sov etn no. 5 57-68 S-O '62.

AUSTRALIA—RAILROADS—COMMUNICATION SYSTEMS
Signaling and communications on Australian railroads. B. S. Riazantsev. Avtom., telem. i sviaz' 6 no. 11: 44-47 N '62.

AUSTRALIA—RAILROADS—SIGNALING
Signaling and communications on Australian railroads. B. S. Riazantsev. Avtom., telem. i sviaz' 6 no. 11, 44-47 N '62.

AUSTRALIA—SWIMMING
Medical comments on Australian swimmers V. M Mil'shtein, K. F. Slavollubova. Teor. i prak. fiz. kul't 25 no. 8:39-42 Ag '62.

AUSTRALIA—TRADE UNIONS
The trade-union movement of Australia and the European Common Market. Vsem. prof. dvizh. no. 10:17-19 O '63.

AUSTRIA—FASCISM
Viennese melodies. V. Emelianov. Nov. vrem. 20 no 47:28-29 N '62.

AUTHORS
"How we write." Chingiz Aitmatov and others. Vop. lit. 6 no. 8:162-177 Ag '62.
"Literary portraits" by I. Kramov. Reviewed by E. Berezina. Vop. lit 6 no. 8:226-227 Ag '62.

AUTHORS, UKRAINIAN—CORRESPONDENCE, REMINISCENCES, ETC.
Kotsiubyns'kyi, Mykhailo. [Works in six volumes] Tvory v sheaty tomakh Kyiv, Vyd-vo Akad. nauk URSR.
Vol. 6 1962. 490 p.

AUTOMATIC CONTROL
(see also subdivision under United States)
Approximation method for studying automatic control systems with variable parameters. V. M Ponomarev. Izv. AN SSSR. Otd. tekh. nauk. Energ. i avtom. no. 5 77-81 S-O '62.
Automatic adjustment of an universal functional generator with piecewise linear approximation [with summary in English]. K. B. Norkin. Avtom. i telem. 23 no 10:1343-1351 O '62.
Automatic and remote control of the Kuygan-Yar hydraulic installation. I. A. Samoilov. Gidr. i mel. 14 no. 10: 18-22 O '62.
Automatic control device for weft bobbins. I. E. Bogdanov. Mekh. i avtom. proizv. 16 no. 10 27-30 O '62.
Automatic control of coal preparation plants. L. I. Levchenko. Izv. vys. ucheb. zav., gor. zhur. 5 no. 9 176-178 '62.
Automatic control of industrial processes in mining. P. G. Nesterov. Met. i gornorud. prom no. 2 51-53 Mr-Ap '62.
Automatic control of piston compressors. L. N. Arkhangel'skii. Sbor. trud. Inst. gor. dela AN URSR no. 12: 93-97 '61.
Automatic control of the dimensional adjustment and automatic exchange of cutting tools in cutting internal screw threads. A. N. Al'tshuller, G. M. Ryvkin, V. T. Chilikov Stan. i instr. 33 no. 11:22-26 N '62.
Automatic control of the length of mass of the textile lap (continued). A. A. Nemura. Tekst prom 22 no 11:28-32 N '62
Automatic control of the pouring of liquid iron. O. M. Kryzhanovskii and others Lit. proizv. no 9:13-16 S '62
Automatic control systems for the heating boilers. L. B. Sigalov. Bezop. truda v prom. 6 no. 6:20-21 Je '62.
Automatic current regulator for controlling the electrode of an arc furnace. V. S. Povoletskii, A. S. Reizlin. Gor. zhur. no. 6:75-76 Je '62.
Automatic device for combined grinding. A. V. Vynotskii. Izm. tekh. no. 11 14-15 N '62.
Automatic line for conveying yarn. I. P. Volkov, A. S. Udalov. Mekh. i avtom. proizv. 16 no. 10:13-14 O '62.
Automatic moisture regulation of the paper sheet. L. M Pin, S. V. Egorov. Bum. prom. 37 no. 10:15-20 O '62.
Automatic mud-analysis logging station. B. V. Vladimirov, E. V. Galkin. Razved. i prom. geofiz. no 45:109-111 '62.
Automatic regulation of the mass per unit length of a textile sliver. A. A. Nemura. Tekst. prom. 22 no. 10: 26-31 O '62.
Automatic setup for establishing quasi-stationary heat conditions [with summary in English]. V. V. Vlasov. Inzh.-fiz. zhur. 5 no. 8:90-92 Ag '62.
Automatic telpher transportation. P. S. Bondarenko, I. M Pallov. Khim. prom. no. 6:446-453 Je '62.
Automatic tension regulation of the magnetic tape. E. IA Dyakin, A. R. Kim. Tekh. kino i telev. 6 no. 11:48-50 N '62.
Automation of group measuring installations. L. V. Gabrielov and others. Neftianik 7 no. 4:11-13 Ap '62.
Automation of the loading of hoppers of concrete mixing units. O. Bel'for, T. Raku. Bud. mat. i konstr. 4 no. 5:17-22 S-O '62.
Automation of the new and modernized paper- and cardboard-making machines. A. D Likhter. Bum. prom. 37 no. 10 9-10 O '62.
Automation of the production of slag "pumice" on a centrifugal machine. V. Grygor'iev and others. Bud. mat. i konstr. 4 no. 5:22-25 S-O '62.
Automation of the technical servicing of building and road machines. B. S. Sinitsyn. Stroi. i dor. mash. 7 no. 10 18-19 O '62
Automatizing the direction of a welding head along a curvilinear butt joint N S. L'vov Avtom. svar 15 no 10:8-16 O '62
Behavior of a second-order dynamic system without damping subject to the action of random processes. A. A. Svesnikov. Izv. AN SSSR. Otd. tekh. nauk. Energ i avtom. no. 5 86-90 S-O '62.
Calculation of the principal parameters of limit-setting and deviation control devices [with summary in English]. I. M. Shenbrot. Avtom. i telem. 23 no. 10:1324-1331 O '62.
A certain feature of autonomous control systems. N. I. Raikhel'. Izv. AN SSSR. Otd. tekh. nauk. Energ. i avtom. no. 5:171-176 S-O '62.
A certain method for stabilizing third-order control systems with great amplification coefficient [with summary in English]. E. A. Barbashin, V. A. Tabueva Avtom. i telem. 23 no. 10:1290-1297 O '62.
Characteristics of certain objects under automatic control with distributed parameters. F. P. Makovskii Izv. AN Kir. SSR Ser. est. i tekh. nauk 3 no 6 3-14 '61
Choice of optimum parameters of a digital computer system with consideration of given accuracy. V. A. Brik. Izv. AN SSSR. Otd. tekh. nauk. Energ. i avtom. no. 5 123-130 S-O '62.
Concerning the article "Synthesis of control programs in systems with electronic digital computers." P. F. Klubnikin. Avtom. i telem. 23 no. 10:1301-1307 O '62.
Conditional optimization of a chemical plant based on the coordination of reactor operation [with summary in English]. L. G. Pitkin. Avtom. i telem. 23 no. 10: 1362-1374 O '62.
Conditions of steady-state self-oscillations in relay systems with internal feedback. B. A. Rimkov. Izv. AN SSSR. Otd. tekh. nauk. Energ. i avtom. no. 6 157-162 S-O '62.
Construction of permissible control [with summary in English]. L. S. Rakovshchik Avtom. i telem. 23 no 10: 1277-1283 O '62.
Continuous automatic concrete mixing unit. M Zaitsberg, I. Kozina. Bud. mat. i konstr. 4 no. 5:13 16 S-O '62.
Device for the automatic lap doffing from silver lap' g and lap drawing machines L. Z. Lin Tekst prom 22 no. 11 32-36 N '62
Dispatching systems are an integral part of mine mechanization and automation. A. V. Grigor', V. D Alekseev Ugol' Ukr. 6 no. 9:34-36 Ag '62.
Electric circuit of the automatic control system of the pneumatic flour conveying line N F. Morev, A. G. Stepanov. Khleb. i kond prom. 6 no. 11-1: 15 N '62
Erpshev, IU. B. [Reliability and structure of automatic machine-tool systems] Nadezhnost' i struktura avtomaticheskikh stanochnykh sistem. Moskva, Mashgiz, 1962. 149 p.
Evaluation of errors in the measurement of the self-correlation function arising due to continuous change in the time delay. G. A. Ball. Izv. vys. ucheb. zav., radiotekh. 5 no. 5 614-619 S-O '62.
Evaluation of the quality of control system settings by means of analog computers [with summary in English]. V. S. Nedavnii. Avtomatyka 7 no 5 3-13 '62
Executive Council of the International Federation of Automatic Control. A. M. Letov. Vest. AN SSSR 32 no. 11:121 N '62.
Experience in operating an arrangement for the automatic racing of electric motors on cranes K Figurov. Rech. transp. 21 no 11 16-18 N '62.
Finite equations characterizing an optimum dynamic system. A. N. Skliarevich. Izv. AN SSSR. Otd. tekh. nauk. Energ. i avtom. no. 5:82-86 S-O '62.
General problems concerning the design of automatic control systems with control computers. B. M. Kogan Elektrichestvo no. 11:62-67 N '62.
Grinevich, G. P. [Mechanization and automation of loading and unloading operations and warehouses in railroad transportation] Mekhanizatsiia i avtomatizatsiia pogruzochno-razgruzochnykh rabot i sklady na zheleznodorozhnom transporte. Moskva, Transzheldorizdat, 1963. 355 p.
Impulse-type optimalizing differential controller. V. M Kuntsevych, L. I. Chugunnaia. Avtomatyka 7 no. 5 49-52 '62.
Investigation of a one-channel autonomous correlation-type optimizer [with summary in English]. E. I. Stakhovskii. Avtom. i telem. 23 no. 10:1313-1322 O '62.
Ivashchenko, N. N. [Automatic control; theory and elements of control systems] Avtomaticheskoe regulirovanie; teoriia i elementy sistem. 2., ispr. i dop. izd. Moskva, Mashgiz, 1962. 628 p.
Krasivskii, S. P. [Present trends in the development of industrial automatic control] Kuda idet razvitie avtomatizatsii. [Moskva] Mosk. rabochii, 1962. 102 p.

Linear theory of a precision-type electric drive with a reference time indicator. V. A. Shpolianskii. Izv. AN SSSR Otd. tekh. nauk Energ. i avtom. no.5 182-196 S-O '62.

Maslov, N.N., and N.M.Shul'ga. [Automatic devices for program control of the running-in and testing of engines] Avtomaticheskie programmnye ustroistva dlia upravleniia protsessom prirabotki i ispytaniia dvigatelei Leningrad, 1962. 21 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia: Mekhanicheskaia obrabotka, no. 6)

Maximum form of automation of coal mining machines N. G. Popovich, V. D. Leporskii. Izv. vys. ucheb zav., gor. zhur. 5 no 9 120-123 '62

Mechanical variable speed drives in the automatic control of metallurgical processes S B Argunov, P I Protsenko. Izv. vys ucheb zav ,tsvet met 5 no 3 154-158 '62.

Method for adjusting the parameters of a compensator for a certain class of control systems. A. A. Samoilov. Izv. AN SSSR. Otd. tekh nauk. Energ. i avtom. no. 5:177-181 S-O '62.

A method for solving variational problems [with summary in English]. G. M Ostrovskii. Avtom. i telem. 23 no. 10:1284-1289 O '62.

Method of successive approximations for the solution of problems of optimum control. I A Krylov, F. L. Chernous'ko. Zhur. vych mat. i mat. fiz 2 no 6:1132-1139 N-D '62.

Mezhvuzovskaia nauchnaia konferentsiia po mekhanizatsii i avtomatizatsii razvedochnogo bureniia, Moscow, 1960. [Transactions of the Interuniversity Conference on Mechanization and Automation of Exploratory Drilling] Trudy, Moskva, Gosgeoltekhizdat, 1962. 201 p

Model study of automatic control processes in irrigation systems V K Vnukov Izv AN Kir SSR Ser. est i tekh. nauk 3 no. 6.91-93 '61

Modernization of the automatic regulation of the cotton feed in the stand-by chamber of single-process scutchers. D. M. Kofman and others. Tekst. prom. 22 no. 10:23-26 O '62.

New pickups for the automation of dimension control. IA. M TSeitlin, L V Livovich Izm. tekh no. 11.16-17 N '62.

Nonlinear laws of control in automatic control. E. P. Popov. Izv. AN SSSR. Otd. tekh. nauk. Energ. i avtom. no. 5.49-58 S-O '62.

Oleinikov, V. A., and N. S. Zotov. [Automatic control of technological processes in the petroleum and petrochemical industries] Avtomaticheskoe regulirovanie tekhnologicheskikh protsessov v neftianoi i neftekhimicheskoi promyshlennosti Leningrad, Gostoptekhizdat, 1962. 321 p

Over-all automatic control of fixed mine conveyors. N. I. Rebrov. Izv. vys. ucheb zav., gor. zhur. 5 no. 10.155-163 '62.

Pasternak, E. B., ed. [The Gol'dfarb method in the theory of automatic control] Metod Gol'dfarba v teorii regulirovaniia; sbornik statei. Moskva, Gosenergoizdat, 1962. 223 p.

[MICROFILM]

Performance of an air intake and inlet control system in a turbulent atmosphere. V. I. Novikov. Avtom. reg. aviadvig. no. 4:33-62 '62.

Periodic operating conditions in relay systems containing members with stepwise varying parameters. V. I. Teverovskii. Izv. AN SSSR. Otd. tekh. nauk. Energ. i avtom. no. 5:163-173 S-O '62.

Power engineering method for studying self-oscillations in control systems. I. F. Kavinov. Izv. AN SSSR. Otd. tekh. nauk. Energ. i avtom. no. 5:66-70 S-O '62.

Probability criterion of the evaluation of the error of quantization in respect to time for discrete adaptive information gathering and processing systems [with summary in English]. O. S. Belima. Avtomatyka 7 no. 5:14-26 '62.

Problem concerning the soleness of optimum control in discrete control systems. R. Gabasov. Izv. AN SSSR Otd. tekh. nauk. Energ. i avtom. no. 5:99-106 S-O '62.

Problem of the effect of bin capacity on the average out-of-service time of an automatic machine tool line [with summary in English]. B. A. Sevast'ianov. Teor. veroiat. i ee prim. 7 no. 4:438-447 '62

Programming network of an n-step technological process with n+1 devices and one contact from each element. V. V. Obraztsov. Trudy NPI 124:41-52 '62.

Pusher conveyor with an automatic program control. P. S. Bondarenko, I. M. Paliiov. Khim. prom no 9-674-683 S '62

Radioisotope automatic system of a cardboard making machine. A. S. Shamaon. Bum. prom. 37 no. 10,13-15 O '62.

Rational choice of the accuracy of automatic control systems. I. D. Kochubievskii. Izv. AN SSSR. Otd. tekh. nauk. Energ. i avtom. no. 5:118-122 S-O '62.

Scientific technical conference on the automation of heating-boiler rooms and the standardization of automatic control devices. L. A. Nikolaeva. Bezop. truda v prom. 6 no. 6:36-37 Je '62.

Seminar and exhibition on analytical apparatus. B. M. TSeitmakh. Zav. lab. 28 no. 11:1400-1401 '62.

Some simple time-regulator circuits insuring the speeding-up of a turbojet engine according to given parameters. IU. V. Liubomudrov. Avtom reg. aviadvig no. 4.63-69 '62.

Special features in the study of nonlinear systems with variable inertness of the sections. EI. Khippalo. Izv AN SSSR. Otd. tekh nauk. Energ. i avtom. no 5 89-95 S-O '62

Special features of the use of automatic control means in hump yards. G. I. Oleshko. Avtom., telem. i sviaz' 6 no. 11 1-4 N '62.

Stability diagram for linear systems of the fourth order. B. P. Kutasin. Izv. vys. ucheb zav. ,elektromekh. 5 no 10:1186-1187 '62.

Sternlnson, L D [Automatic frequency and power regulation by a method devised by the State Trust for the Organization and Efficiency of Electric Power Plants] Avtomaticheskoe regulirovanie chastoty i moshchnosti po metodu ORGRES. Moskva, Gos. energ. izd-vo, 1959. 116 p.

[MICROFILM]

Study of steady-state and dynamic modes of differential optimalizing systems [with summary in English] V I Vasyl'ev. Avtomatyka 7 no 5 27-34 '62

Synthesis of differential analyzers for the reproduction of trajectories on multidimensional surfaces. V. S. Baranova, M. B. Ignat'ev. Izv. AN SSSR. Otd. tekh nauk. Energ. i avtom. no. 5:144-150 S-O '62.

Technological conference on the automatic control of blooming, slabbing, and universal mills. P. IA. Skichko, S. D. Grinberg. Met. i gornorud. prom no. 2 76 Mr-Ap '62.

Two-phase motor and compatible phase-sensing detector of the carrier and envelope of an amplitude modulated voltage. P. I. Dekhtiarenko. Avtomatyka 7 no. 5 43-48 '62.

Use of a root loci method in the analysis of multiloop nonlinear systems. G. A. Bendrikov, K. F. Teodorchik. Izv. AN SSSR. Otd. tekh. nauk. Energ. i avtom. no. 5:71-76 S-O '62.

Use of computers in production control. V. V. Kleshchov Avtomatyka 7 no. 5 62-69 '62.

Use of noise functions in the analysis of linear systems. G. P. Molotkov. Izv. AN SSSR. Otd. tekh. nauk Energ. i avtom. no. 5:59-65 S-O '62.

Use of over-all mechanization and automation as a means of progress. G. F. Sinitavskii. Tekst. prom. 22 no. 10:16-19 O '62.

Using automatic control systems for increasing the precision and productivity of machining on lathes. M. M. Tverskoi. Vest. mashinostr. 42 no. 11.41-46 N '62.

Volgin, L. N. [Elements of the theory of computer control; polynomial equations in problems of the synthesis of automatic control systems with digital computers] Elementy teorii upravliaiushchikh mashin, metod polinomial'nykh uravnenii v zadachakh sinteza sistem avtomaticheskogo upravleniia s tsifrovymi vychislitel'nymi mashinami. Moskva, Sovetskoe radio, 1962. 168 p.

AUTOMATIC CONTROL—ABSTRACTS

[Automatic control and radio engineering] Ref. zhur. Avtom. i radiotekhn. nos. 10-12 O-D '62.

AUTOMATIC CONTROL—CONGRESSES

The Second All-Union Conference on the Theory of Invariance and its Application in Automatic Control Systems held in Kiev during May 29, - June 1, 1962 S. F. Kozubovs'kyi, IU V. Krementulo. Avtomatyka 7 no. 5 70-73 '62

A Ukrainian scientific and technical conference on industrial control apparatus and means of automatic control. I. S. Eremeev. Avtom. i telem. 23 no. 10: 1399-1400 O '62.

AUTOMATIC CONTROL—EQUIPMENT AND SUPPLIES

A digital potentiometer. A. F. Gikis, E. I. Teniakov, V. A. Ivantsev. Trudy NPI 124:3-9 '62.

AUTOMATIC TELEPHONE *see* Telephone, Automatic

AUTOMATION

Automated tumbling barrel model ZA11, for cleaning castings. D. M. Litvin, L. Sh. Gitel'man. Lit. proizv. no. 8:10-12 Ag '62.

Automatic accounting in machinery plants. F. L. Mormtsev. Mekh. i avtom. proizv. 16 no. 10 41-43 O '62.

Automatic vacuum evaporator for producing tomato products. I. G. Molodetskii, G. S. Terekov. Mekh. i avtom. proizv. 16 no. 10:15-16 O '62.

Automation and mechanization of industrial management. S. B. Lifshits. Mekh. i avtom. proizv. 16 no. 10:37-41 O '62.

Automation in ore dressing plants. A. E. Trop, V. Z. Kovin. TSvet. met. 35 no. 7:89-92 Jl '62.

Automation of cutting machines. V. F. Shapovalov, N. G. Rabinovich. Mekh. i avtom. proizv. 16 no. 10: 1-4 O '62.

Automation of large jaw crushers. V. F. Fedorov. Mekh. i avtom. proizv. 16 no. 10:11-13 O '62.

Automation of ore dressing plants. V. K. Apollonov. TSvet. met. 35 no. 11:27-29 N '62.

Automation of scheduling operations in serial machinery and instrument manufacture. S. L. Garfunkel', IU. L. Moizhes. Mekh. i avtom. proizv. 16 no. 10:44-47 O '62.

Automation of temperature conditions in open-hearth furnaces M M Kotrovskii, G. IA Geller. Stal' 22 no 9 855-858 S '62.

Automation of the electric smelting process V M Vinogradov, F. P. Edneral, IU. E Efroimovich Stal' 22 no 11 1005-1007 N '62

Berkovich, D. M [Machines control machines] Mashiny upravliaiut mashinami. Moskva, Izd-vo "Znanie," 1962. 45 p. (Novoe v zhizni, nauke, tekhnike IV Seriia: Tekhnika, no. 19)

Bolotin, Kh. L. [Mechanization and automation of machine tool attachments] Mekhanizatsiia i avtomatizatsiia stanochnykh prisposobleni. Moskva, Mashgiz, 1962 285 p.

Calculation machines for the automation of technological processes G. E. Pinkel'shtein. Bum. prom. 37 no 10.20-22 O '62.

Centralization of control is the most important condition of an over-all automation. E. IA Baimasov. Bum. prom. 37 no. 10 11-13 O '62.

Centralized control in blast furnace plants with complete automation of the industry. I. E Moshkevich, Kh. P. Zaitsev Stal' 22 no 11 1048-1050 N '62.

Complete automation of mine haulage P. N Tsiran, IU I Mikhailov. Gor zhur no 12:21-25 D '62

Concentrate the efforts on the basic trend of automation. M I Liudmirskii Bum. prom. 37 no 10 4-6 O '62.

Degree of mechanization and automation and the increase of productivity in the machinery industry. I L. Frumin. Vest. mashinostr. 42 no. 11:72-76 N '62.

[Economic efficiency of the automation of production processes in the textile industry] Ekonomicheskaia effektivnost' avtomatizatsii proizvodstvennykh protsessov tekstil'noi promyshlennosti [By] Zubchaninov, V. V., i dr. Moskva, Mashgiz, 1962. 198 p.

Effectiveness of automation in mines. Z. E. Al'tshuler, R. D. Migachev. Mekh. i avtom. proizv. 16 no. 10.47-50 O '62.

Events representable by a single state in a finite automat. V. H. Bodnarchuk. Ukr. mat. zhur. 14 no 2 190-191 '62.

Expand the scientific development of automation problems. I F V'iukov. Bum. prom. 37 no 10 3-4 O '62

Fedorovich, M. M. [Production processes and their automation in chemical plants] Proizvodstvennye protsessy i ikh avtomatizatsiia na khimicheskikh predpriiatiiakh. Moskva, Mosk. inzhenerno-ekon. in-t im. Sergo Ordzhonikidze, 1962. 51 p.

Give the green light to automation. Bum. prom. 37 no 10 1-2 O '62.

Glazov, G. A., ed. [Overall mechanization and automation of the serial production of machinery] Kompleksnaia mekhanizatsiia i avtomatizatsiia v seriinom mashinostroenii. Moskva, Mashgiz, 1962. 174 p.

Improve the technological equipment of the refractories industry. P. B. Bernshtein. Ogneupory 27 no. 11: 520-524 '62.

In the State Committee on Automation and Mechanization at the Council of Ministers of the U.S.S.R. Mekh. i avtom. proizv. 16 no. 10 57 O '62.

Krasivskii, S. P. [Present trends in the development of industrial automatic control] Kuda idet razvitie avtomatizatsii. [Moskva] Mosk. rabochii, 1962. 102 p

On the paths toward communist labor. A Zvorykin. Nar khoz. Uzb 4 no. 10 9-17 O '62.

On the road toward complex automatic control of industrial processes. S. M. Sozaev. TSvet. met. 35 no. 11 15-24 N '62

Over-all mechanization and automation in foundries. R. L. Leiderman, IU. F. Simonov. Lit. proizv. no. 8:30 Ag '62.

Over-all mechanization and automation is the decisive factor in the future growth of labor productivity in mines G. A. Zubkov, V. I. Feigin. Gor. zhur no. 6, 3-6 Je '62.

Paukov, P. V., and O. A. Shpekht. [From automatic machines to an automatic plant] Ot stankov-avtomatov k zavodu-avtomatu. [Tambov] Tambovskoe knizhnoe izd-vo, 1962. 30 p.

Petrov, V. A., and G. G. Epel'man. [Line multiple machining of parts] Potochno-gruppovaia obrabotka detalei; opyt Leningradskogo zavoda poligraficheskikh mashin. Leningrad, 1962. 20 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia: Organizatsiia proizvodstva, no. 4)

Principles of the construction of automatic electric measuring instruments for studying the kinetics of slow thermal processes [with summary in English] V. A. Levidov. Inzh.-fiz. zhur. 5 no 8:68-70 Ag '62.

Prospects and problems of automation in the woodpulp production. L. N. Preobrazhenskii, S. S. Granat. Bum. prom. 37 no. 10:6-8 O '62.

Russia (1923- U. S. S. R.) Gosudarstvennaia planovaia komissiia. [Methodology for determining the economic efficiency of introducing new machinery, mechanization and automation of industrial production processes. Approved by the State Planning Commission of the U. S. S. R. on December 9, 1961] Metodika opredeleniia ekonomicheskoi effektivnosti proizvodstvennykh protsessov v promyshlennosti. Utverzhdeno 9 dekabria 1961 g. Moskva, Izd-vo Akad. nauk SSSR, 1962. 45 p.

Selecting the type of equipment for automatic lines for machining bodies of revolution. M. M. Breitman. Mekh. i avtom. proizv. 16 no. 10:4-8 O '62.

AUTOMATION (Continued)

Technological and economic indices for evaluating the progress of production automation A L. Leonov Khim prom no. 9 670-674 S '62.

Use of computers in production control. V V Kleshchov Avtomatyka 7 no. 5 62-69 '62

AUTOMATION—BIBLIOGRAPHY see Bibliography—Automation

AUTOMATISM

Psychogenic variant of Kandinskii's psychic automatism syndrome [with summary in French] K. L. Immerman Zhur nevr. i psikh. 61 no. 10:1538-1545 '61

AUTOMOBILE DRIVERS

Every driver is an automobile sportsman V Smirnov Starsh -serzh no 9 28 S '62

"Manual for automobilists." Reviewed by V. Tarasenkov. Avt. transp. 40 no. 10:61 O '62.

The second voluntary profession. G. Borshchevskii. Avt. transp. 40 no. 10:9 O '62.

Training of future drivers at a motor-vehicle repair plant. I. Borisov. Avt. transp. 40 no. 10 48 O '62.

AUTOMOBILE DRIVERS—EDUCATION AND TRAINING (see also subdivision under Bryansk; Shuya)

Apanovich, I. E., and D. S. Shkliar. [Driver's manual] Spravochnik shofera. [Sverdlovsk] Sverdlovskoe knizhnoe izd-vo, 1962. 139 p.

Nahula, H. IE., V. S. Kaliss'kyi, and O. I. Manzon. [Manual for a driver of the third class] Pidruchnyk shofera tret'ogho klasu. Vyd. 2., perer. ta dop. Kyiv, Derzhtekhvydav URSR, 1962. 457 p.

To master the skill. G. Berestinskii. Za rul. 20 no. 11:26-27 N '62.

AUTOMOBILE DRIVERS' LICENSES

Attention, drivers! V. Korbut and others. Sel'. mekh. no. 4:38-40 '62.

Drivers! Attention! Sel'. mekh. no. 11:40 '62.

AUTOMOBILE INDUSTRY see subdivision under Moscow Tambov Province

AUTOMOBILE RACING (see also subdivision under Leningrad; Lithuania)

Coaches at a desk. IA. Popov. Za rul. 20 no. 11:21 N '62.

On tracks of five countries. IU. Poliachek. Za rul. 20 no. 11:10-11 N '62.

AUTOMOBILES

Improving the heater of the "Volga" automobile. IU. Maslennikov. Avt. transp. 40 no. 10:53 O '62.

AUTOMOBILES—BODIES

Lando, S. IA. [Welding of body elements] Svarka korpusnykh detalei. [Moskva] Mosk. rabochii, 1962. 51 p. (Novatory semiletki)

AUTOMOBILES—ELECTRIC EQUIPMENT

Operation of electrical devices. V. Anokhin Sel'. mekh. no. 4:35-38 '62.

AUTOMOBILES—MAINTENANCE AND REPAIR

Device for suspending front axles of a car on a stand. I. Morelnis, G. Kagan Avt. transp. 40 no. 10:33 O '62.

AUTOMOBILES—MODELS

Technical creativeness of students. V. P. Bespal'ko, B. E. Gel'burt, V. E. Rubliakh. Shkola i prolzv 6 no 5:74-77 My '62.

AUTOMOBILES—PRICES

This will help to prevent the selling of motorcars for unreasonable prices. P Mota. Rad. pravo no. 6 123 N-D '62.

AUTOMOBILES—TIRES (see also subdivision under Kirov; Yaroslavl)

We have prolonged the useful life of tires. A. Polozov. Avtotrans. no. 21 28-30 N '62.

AUTORADIOGRAPHY

Determination of the comparative absorption of radioactive iodine by thyroid gland tissues in different forms of its pathology, the problem of the method of autoradiography [with summary in English]. R. M. Shevchenko. Probl. endok. i gorm. 8 no. 4:72-78 Jl-Ag '62.

AUXILIARY POLICE

Legal advice for voluntary policemen and the members of fellow workers' courts. Rad pravo no. 6 61-62 N-D '62

AVIATION MEDICINE see subdivision under Moldavia

AVITAMINOSIS see Deficiency diseases

AWNINGS

Awnings. E. Skliarova, V. Dzugaev Stroi. i arkhit. 10 no 10 13-15 O '62.

AXONOMETRIC PROJECTION

Basic proposition of the central axonometry. B. T. Aitbenov. Shor. nauch.-issl. rab TTI no. 12:233-234 '61.

AZABICYCLOOCTANE

Hofmann degradation of 1-azabicyclo (3, 2, 1) octanes. Part 5: Hofmann degradation of 6-methyl-1-azabicyclo (3, 2, 1) octane A. D. IAnina, M. V Rubtsov. Zhur. ob. khim. 32 no. 10:3151-3158 O '62.

Hofmann degradation of 1-azabicyclo(3,2,1)octanes. Part 6: Hofmann degradation of a quaternary ammonium base of 6-methyl-1-azabicyclo(3,2,1)octane. A. D. IAnina, M. V. Rubtsov. Zhur. ob. khim. 32 no. 11: 3693-3698 N '62.

AZEPINONE

Increasing the stability of ammonium bisulfite used in the production of caprolactam B. A. Chertkov, B. T. Vasil'ev, N. S Dobromyslova. Khim. prom. no 9 633-634 S '62.

Indirect method of polarographic determination of cyclohexanone oxime, hydroxylamine, aci-form of nitrocyclohexane, nitromethane, and nitroethane. IA. I. Turian, V. V. Smekalova. Zav. lab. 28 no. 8:923-926 '62.

AZERBAIJAN—AGRICULTURAL WORKERS

Sevil' Kazieva and her friends. Sel'. mekh. no. 11:10 '62.

AZERBAIJAN—BOLLWORM

Role of cultivation practices in controlling the cotton bollworm M. G. Ismailov Zashch rast ot vred i bol. 7 no 7:28-29 Jl '62

AZERBAIJAN—BOLLWORM—BIOLOGICAL CONTROL

Trichogramma against cotton bollworm on tomatoes. G I Dzhamalov Zashch. rast ot vred i bol 7 no 7 31 Jl '62.

AZERBAIJAN—BUFFALOES

Fundamental causes of seasonal variation in the quantity and quality of the semen of bulls and buffaloes in Azerbaijan. E. B. Bashirov. Zhivotnovodstvo 22 no 2:74-77 F '60.

AZERBAIJAN—BULLS

Fundamental causes of seasonal variation in the quantity and quality of the semen of bulls and buffaloes in Azerbaijan E. B. Bashirov. Zhivotnovodstvo 22 no 2:74-77 F '60.

AZERBAIJAN—CATTLE—DISEASES AND PESTS

Etiology of cattle leptospirosis in Azerbaijan. M. A. Musaev. Trudy Inst. zool. AN Azerb. SSR 22:46-72 '62.

AZERBAIJAN—CORN (MAIZE)—IRRIGATION

Corn stubble crops under irrigation in Azerbaijan. B B. Grigor'ian Zemledelie 24 no. 6:37 Je '62.

AZERBAIJAN—DEER

Results of keeping the Japanese deer (Cervus nippon hortuiorum Swinhoe) in parks of Azerbaijan. F. F. Aliev. Trudy Inst. zool. AN Azerb. SSR 22:125-132 '62.

AZERBAIJAN—ECONOMIC CONDITIONS

Products of Azerbaijan are known on many markets. R. Ismailov. Vnesh. torg. 42 no. 11:46-47 '62.

AZERBAIJAN—GAS, NATURAL

New achievements of the Scientific and Technical Society of the Petroleum and Gas Industries. N. V. IAkusheva. Neftianik 7 no. 4:24-25 Ap '62.

AZERBAIJAN—GRAPES—DISEASES AND PESTS

Testing phosphamide and chlorophos against the citrus mealybug. V. V. D'ichev. Zashch rast. ot vred. i bol. 7 no. 7:35 Jl '62.

AZERBAIJAN—HISTORY

Azizbekova, P. A. [V. I. Lenin and socialist reforms in Azerbaijan, 1920-1923] V. I. Lenin i sotsialisticheskie preobrazovaniia v Azerbaidzhane, 1920-1923 gg. Moskva, Izd-vo Akad. nauk SSSR, 1962. 364 p.

AZERBAIJAN—LEPTOSPIROSIS

Etiology of cattle leptospirosis in Azerbaijan. M. A. Musaev. Trudy Inst. zool. AN Azerb. SSR 22:46-72 '62.

AZERBAIJAN—MEALYBUGS—EXTERMINATION

Testing phosphamid and chlorophos against the citrus mealybug V V D'ichev. Zashch rast ot vred i bol 7 no. 7 35 Jl '62

AZERBAIJAN—MILDEW

Powdery mildew of potatoes in Azerbaijan I. R. Hagimov. Zashch. rast ot vred. i bol 7 no 5 56 My '62

AZERBAIJAN—OIL FIELDS—FIRES AND FIRE PREVENTION

Extinction of gas gusher fires. P Khromin. Pozh. delo 8 no 11 28-29 N '62

AZERBAIJAN—OIL FIELDS—PRODUCTION METHODS

Greater oil and gas production with lesser expenditures T Abramian Neftianik 7 no. 1,3-4 Ap '62

AZERBAIJAN—PALEONTOLOGY, STRATIGRAPHIC

Materials on the studies of stratigraphic paleontology of the Azerbaijan in the 10th century. K. A. Alizade, Trudy Inst. geol. AN Azerb. SSR. 22:5-44 '62.

AZERBAIJAN—PARASITES—BIRDS

Trematodes of birds in the Lenkoran zone, Mugan and Mil Steppes of Azerbaijan [in Azerbaijani with summary in Russian]. G. S. Knaimov, S. M. Vaideva, N. A. Feizullaev. Trudy Inst. zool. AN Azerb. SSR 22:73-102 '62.

AZERBAIJAN—PASTURES AND MEADOWS

Cultivated hayfields on mountain slopes. G. A. Ballan Zemledelie 24 no 10:38 O '62

AZERBAIJAN—PETROLEUM INDUSTRY

New achievements of the Scientific and Technical Society of the Petroleum and Gas Industries. N. V. IAkusheva Neftianik 7 no. 4 24-25 Ap '62.

Struggle of the petroleum workers in Azerbaijan for technical progress in the petroleum industry, 1953-1958. R. Kadymov. Izv. AN Azerb. SSR, Ser. obshchestv. nauk no. 7:3-13 '62.

AZERBAIJAN—POTATOES—DISEASES AND PESTS

Powdery mildew of potatoes in Azerbaijan. I R Hagimov. Zashch rast. ot vred. i bol. 7 no. 5 56 My '62

AZERBAIJAN—SERICULTURE

The role of Russian scholars and specialists in the development of sericulture in Azerbaijan during the 19th century. S. F. Akhverdova. Izv. AN Azerb. SSR. Ser. obshchestv. nauk. no. 7:43-54 '62.

AZERBAIJAN—SPORTS

Azerbaijan Republic conference on methods. E. D. Bubaev. Teor. i prak. fiz. kul't. 25 no. 6:75-76 Je '62.

AZERBAIJAN—TEA

Root activity and the regeneration capacity of tea roots [with summary in English]. Ch A. Muzaferov Subtrop kul't. no. 2 75-80 '62.

AZERBAIJAN—THEATER—SOCIETIES, ETC.

Organization and activities of the Mussulman Dramatic Society, 1915-1918. A. G. Sarabskii. Izv. AN Azerb. SSR. Ser. obshchestv. nauk no. 7:105-111 '62.

AZERBAIJAN—TOMATOES—DISEASES AND PESTS

Trichogramma against cotton bollworm on tomatoes G I. Dzhamalov Zashch rast. ot vred i bol 7 no 7 31 Jl '62

AZERBAIJAN—TREMATODA

Trematodes of birds in the Lenkoran zone, Mugan and Mil Steppes of Azerbaijan [in Azerbaijani with summary in Russian]. G. S. Knaimov, S. M. Vaidova, N. A. Feizullaev. Trudy Inst. zool. AN Azerb. SSR 22:73-101 '62.

AZERBAIJAN—VACCINATION

Introduction of smallpox vaccination and its extension in Azerbaijan in the forties of the 19th century. N. A. Tafzade. Izv. AN Azerb. SSR. Ser. obshchestv. nauk no. 7:15-30 '62.

AZERBAIJAN—VOCATIONAL EDUCATION

Reorganization of secondary specialized education in Azerbaijan. A. N. Mamedov. Sred. spets. obr. 9 no. 10:10-13 O '62.

AZERBAIJAN—WOMEN IN AGRICULTURE

Younger sister of Tursuna. D. Khodzhabekian. Prof.-tekh. obr. 19 no. 10:18 O '62.

AZERBAIJAN—WOOL

Wool quality of Merino x Karabakh crosses in the Azerbaijan S. S. R. F. A. Molikov, L. M. Rzaeva. Trudy Inst. zool. AN Azerb. SSR 22 no. 103-125 '62.

AZERBAIJANI COMPOSERS see Composers, Azerbaijani

AZERBAIJANI FOLK POETRY see Folk poetry, Azerbaijani

AZERBAIJANI LANGUAGE—DIALECTS

Notes on lexical features of the western group of Azerbaijani dialects [in Azerbaijani with summary in Russian]. K. T. Ramazanov. Izv. AN Azerb. SSR. Ser. obshchestv. nauk no. 7:67-79 '62.

AZERBAIJANI LANGUAGE—DICTIONARIES

A dictionary of legal terms [in Azerbaijani with summary in Russian]. Sh. Pashaeva. Izv. AN Azerb. SSR. Ser. obshchestv. nauk no. 7:143-146 '62.

AZERBAIJANI LANGUAGE—SENTENCES

Complex sentences with adverbial clauses of result [in Azerbaijani with summary in Russian]. A. Z. Abdullaev. Izv. AN Azerb. SSR. Ser. obshchestv. nauk no. 7. 55-65 '62.

AZERBAIJANI LAW—DICTIONARIES

A dictionary of legal terms [in Azerbaijani with summary in Russian]. Sh. Pashaeva. Izv. AN Azerb. SSR. Ser. obshchestv. nauk no. 7:143-146 '62.

AZIRIDINE

Derivatives of ethylenimine. Part 4. Diethylenimides of pyrimidine-2-aminophosphoric acids. A. A. Kropacheva, N. V. Sazonov, S. I. Sergievskaia. Zhur. ob. khim. 32 no. 11:3796-3799 N '62.

AZO COMPOUNDS

Pyrylium compounds having active methyl groups. Part 3 Structure of pyrylium azo compounds. N. V. Khromov-Borisov, L. A. Gavrilova Zhur ob. khim. 32 no 10:3211-3214 O '62.

Substitution of the halogen in azo compounds. Part 5: Effect of the nature of metal. B. I. Stepanov, N. A. Rozanel'skaia, V. F. Travent'. Zhur. ob. khim. 32 no. 11:3737-3741 N '62.

Substitution of the halogen in azo compounds. Part 16: Substitution of chlorine in 2,6-dichloro(1-azo-1')benzene-2'-naphthol by alkoxy- and aroxy groups, and the preparation of 2,6-dihydroxyaniline ethers. B. I. Stepanov. Zhur. ob. khim. 32 no. 11 3741-3745 N '62.

AZO DYES

Substitution of halogen in azo compounds. Part 14: Substitution of chlorine in the azo dye of 3-chloro-3-aminoanthraquinone and 2-naphthol B. I. Stepanov, L. I. Vorob'eva, M. A. Andreeva Zhur. ob. khim. 32 no. 10 3281-3283 O '62.

AZOTOBACTER

Study of some nucleotide-peptides in the process of development of Azotobacter vinelandii. G. N. Zaitseva and others. Dokl. AN SSSR 146 no 4 937-940 O '62.

BCG

Study of some biological properties of tuberculous vaccine strain 115 on monkeys. A. B. Inogamov and others Trudy TashNIIVS 6 3-7 '61.

BCG VACCINATION

Characteristics of the tuberculin tests in children inoculated during early infancy with peroral BCG vaccine and live poliomyelitis vaccine. R. Kukaine and others. Izv. AN Latv. SSR no. 7:115-117 '62.

BABAKHANOV, ABDULL B., 1910-

The architectural creations of Abdull Babakhanov. T. F. Kadyrova. Nauch.-tekh. i obshch. Otd. obshchestv. nauk AN Uz. SSR 4:331-339 '61.

BACILLE CALMETTE-GUERIN see BCG

BACTERIA, EFFECT OF DRUGS ON

Drug resistance of local strains of Flexner dysentery bacteria in recent years and their immunogenic characteristics. V. G. Mikaelian, M. O. Melkumian. Trudy Erev. med. inst. no. 11:151-155 '60.

BACTERIA, PATHOGENIC

"Tovit-enzyme" hypothesis and the role of bacterial enzymes in the pathogenesis of infection I. V. Domaradskii Usp sovr biol. 51 no 1 57-70 Ja-Ag '62.

BACTERIA, PHYTOPATHOGENIC see subdivision under Altai Territory

BACTERIOLOGY—CULTURES AND CULTURE MEDIA

Basic directions in the utilization of new sources of carbon nutrition for antibiotics producers. P. A. Iakimov. Trudy Len. khim.-farm. inst. no. 15:3-7 '62.

Biosynthesis of streptomycin in a medium with fermented soybean meal. O. V. Krusser and others. Trudy Len. khim.-farm. inst. no. 15:127-133 '62.

Dynamics of the Penicillium protein complex during fermentation on glucose-lactose and hydrolysate media. A. A. Baskakova, P. A. Iakimov. Trudy Len. khim.-farm. inst. no. 15:23-29 '62.

Effect of molybdenum and boron in an enriched medium on the biosynthesis of streptomycin. T. V. Larionova and others. Trudy Len. khim.-farm. inst. no. 15:121-128 '62.

Effect of soy, boron and potato introduced into the composition of the fermentation media on the biosynthesis of penicillin. P. A. Iakimov, V. A. Podmostkova, E. B. Petrova. Trudy Len. khim.-farm. inst. no. 15: 63-68 '62.

Enriching the medium for the biosynthesis of streptomycin. O. V. Krusser, A. I. Valnkhanovich, G. V. Kholodova. Trudy Len. khim.-farm. inst. no. 15:117-120 '62.

Fermentation of tetracyclines and vitamin B_{12} on potato media. E. V. Neshataeva. Trudy Len. khim.-farm. inst. no. 15:143-152 '62.

Formation of chlortetracycline and vitamin B_{12} by the producer, Actinomyces aureofaciens, with various sources of carbohydrate nutrition. E. V. Neshataeva, P. A. Iakimov, A. V. Baldina. Trudy Len. khim.-farm. inst no. 15:153-159 '62.

Process for sterilizing the liquid nutrient medium in the "bottom" production of enteric vaccines V. B. Alferova, R. I. Bogacheva Trudy TashNIIVS 6,65-69 '61

Quantity of microbial bodies in and the pyrogenic properties of protein and proteinless substrates N. D. Lisovskaia Trudy TashNIIVS 6:93-96 '61

Results of the work on Ploskirev's bactoagar with the addition of syntomycin in studying gastrointestinal infections. A. IA. Veselov. Zdrav. Kazakh. 22 no. 6 65 '62.

Stimulating properties of corn and malt germ extracts. S. M. Andreeva. Trudy Len. khim.-farm. inst. no 15: 161-168 '62.

Study of the conditions for purifying hydrolysates and the composition of the nutrient media for the biosynthesis of penicillin on a base of carbohydrates from wood hydrolysates and agricultural wastes. P. A. IAkimov and others. Trudy Len. khim.-farm. inst. no. 15 17-22 '62.

Test of the strain Novyi gibrid on starch-lactose corn and cotton seed cake media. V. A. Podmostkova, E. B. Petrova, P. A. IAkimov. Trudy Len. khim.-farm. inst. no. 15:39-43 '62.

Use of cotton or sunflower seed cake extracts in the biosynthesis of penicillin and tetracyclines. K. S. Danilova and others. Trudy Len. khim.-farm. inst. no. 15:31-37 '62.

Use of malt germ extract in the biosynthesis of chlortetracycline. S. M. Andreeva and others. Trudy Len. khim.-farm. inst. no. 15 169-175 '62.

Utilization of starch-potato media in the production of penicillin. P. A. IAkimov and others. Trudy Len. khim. farm. inst. no. 15:69-74 '62.

BACTERIOPHAGE

Chemical and biological properties of c_d bacteriophage [with summary in English]. T. I. Tikhonenko, G. A. Velikodvorskaia, E. V. Zemtsova Biokhimiia 27 no 4 726-733 Jl-Ag '62.

Comparative characteristics of some chemical methods of concentrating bacteriophage [with summary in English] I. V. Cherniakhovskaia Vop virus. 7 no 5 607-612 S-O '62.

Use of the plunge titer growth reaction for studying the ways of infection transmission in dysentery. B. IA. Ponfavin. Zdrav. Bel. 8 no. 7:59-61 Jl '62.

BADKHYZ—NUMMULITES

Nummulites of the Eocene of southeastern Turkmenistan (Badkhyz) and their taxonomic position B. T. Golev Vop. mikropaleont. no. 6:81-106 '62.

BAGDADSKIY DISTRICT—DODDER

Practice in clearing the district of dodder. Zashch. rast. ot vred. i bol. 7 no 3:54-55 Mr '62.

BAIDAR VALLEY—GEOLOGY, STRATIGRAPHIC

The Berriasian of the northern edge of the Baidar Depression in the Crimea. N. I. Lysenko, V. F. Popov Dokl. AN SSSR 147 no 1:188-190 N '62

BAIKAL, LAKE—WHITEFISHES

Effect of fishing on the resources of the Baikal whitefish of the northern Baikal strain (Coregonus autumnalis migratorius Georgi) and the lavaret of Maloye More (Coregonus lavaretus baicalensis Dyb.). A. V. Podlesnyi, V. B. Bulatov. Vop. ikht. 2 no. 2.242-246 '62.

BAKAL REGION—SIDERITE

Preparation of Bakal siderites for blast furnace smelting by means of roasting. A. G. Zhunev and others. [Sbor. trud.] Nauch.-issl. inst. met. no. 4:33-43 '61.

BAKED PRODUCTS

Determining of vitamins B_1, B_2 and PP content in gingerbread. A. G. Egorova, L. N. Kazanskaia Khleb i kond. prom. 6 no 11:26-29 N '62.

Use of the steaming chamber in the manufacture of fancy bread and enriched rusks G. G. Mulkidzhanian. Khleb. i kond. prom 6 no. 11:29-31 N '62.

BAKERS AND BAKERIES see subdivision under Donetsk Province; Mechotinskaya; Moscow; Platigorsk; Pruzhany District; White Russia

BAKERS AND BAKERIES—EQUIPMENT AND SUPPLIES

Attachment for the SZK-R dough molder for the shaping of city type bread loaves. A. I. Pasivkin. Khleb. i kond. prom. 6 no. 11 32-33 N '62.

Reconditioning of the cam of the SD dough divider. V. P. Nikitin Khleb. i kond prom 6 no. 11:33 N '62.

BAKERS AND BAKERIES—LABOR PRODUCTIVITY see subdivision under Moscow

BAKERY EMPLOYEES

Foreman Petr Stepanovich Kravchenko. G. A. Togonidze. Khleb. i kond. prom. 6 no 11:35-36 N '62

BAKHCHISARAY DISTRICT—BRONZE AGE

Skulls from a tumulus of the Bronze Age in the Bakhchisaray District. K. F. Sokolova. Mat. z antr. Ukr. no. 2:82-85 '62.

BAKU—CITY PLANNING

Building Lenin Square in Baku. E. Kasim-Zade. Arkhit. SSSR no. 10 28-35 '62.

The mistake should be corrected. V. Munts. Arkhit. SSSR no. 10:36-37 '62.

BAKU—LABOR AND LABORING CLASSES

S. G. Shaumian's unknown works. G. A. Arutiunov. Izv. AN Arm. SSR. Obshchestv. nauki no. 10:51-60 O '62.

BAKU—PACKAGING

Serious obstacle. A. Vartanov. Sov. torg. 35 no. 7:34 Jl '62

BAKU—PETROLEUM INDUSTRY—HYGIENIC ASPECTS

This is how the progressive oil workers work. I. Davydov. Okhr. truda i sots. strakh. 5 no. 10:29 O '62.

BAKU—REVOLUTION, 1917-1921

A letter of S. G. Shaumian M. Landa Komm. Uz. 34 no 5 87-89 My '62.

BALANCING OF MACHINERY

Device for balancing axial mine fans in the main ventilation system. V. G. Erin. Sbor. trud. Inst. gor. dela AN URSR no. 12:71-75 '61.

Method of calculating and a nomogram for determining the test load in dynamic balancing. V. I. Maiseev. Sbor. trud. Inst. gor. dela AN URSR no. 12 16-23 '61.

BALASHIKHA (MOSCOW PROVINCE)—TEACHERS

When everything lies ahead.... I. IU. Gubanov. Nach. shkola 30 no. 11 27-28 N '62

BALKAN PENINSULA—WAR OF 1912-1913

"The Balkan War of 1912-1913" [in Bulgarian]. Reviewed by V. A. Zhebokrytskyi Ukr ist zhur 6 no. 5:131-136 S-O '62

Defense of a doctoral dissertation I. A. Peters. Ukr. ist zhur. 6 no. 5:159 S-O '62

BALKARIANS

"Studies on the history of the Balkarians." Reviewed by Kh. V. Tazlev, N. Kh. Tkhamakov. Ist. SSR 6 no. 6:155-157 N-D '62.

BALKHASH—CONSTRUCTION INDUSTRY

More about construction in Balkhash. N. Fonarev. Nar. khoz. Kazakh. 20 no. 9:34-37 S '62.

BALKHASH—COPPER INDUSTRY

Bypassing the party organizations of workshops. P. Egorov. Part. zhizn' Kazakh. 32 no. 11:54-58 N '62.

BALLET

(see also subdivision under Moscow)

Leningrad, Gosudarstvennyi institut teatra, muzyki i kinematografii. [Music of the Soviet ballet] Muzyka sovetskogo baleta; sbornik statei. Moskva, Gos. muzykal'noe izd-vo, 1962. 255 p.

BALLISTOCARDIOGRAPHY

Ballistocardiographic changes in rheumatic heart defects [with summary in English]. L. T. Malaia. Vrach. delo no. 8:63-69 Ag '62.

Dynamics of the ballistocardiogram in mitral disease. P. A. Vartapetian. Trudy Erev. med. inst. no. 11:231-235 '60.

BALSAMS

Obtaining depot antibiotic preparations with prolonged action from Siberian fir balsam. P. A. IAkimov, V. A. Filippova, D. D. Maisaila. Trudy Len. khim.-farm. inst. no. 15:235-243 '62.

BALTIC SEA REGION—RUNOFF

Conditions of the formation of summer low-water runoff of Baltic region rivers and predicting their discharge far in advance. A. M. Nervatov. Trudy GGI no. 97: 204-242 '62.

BALTIC STATES—ANNEXATION TO RUSSIA

Some characteristics of the transition of the Baltic Soviet Republics to the building of socialism, 1940-1941. V. A. Manmäggi. Ist. SSR 6 no. 6:27-43 N-D '62.

BALTIC STATES—BIOLOGY—BIBLIOGRAPHY

Publications of the institutes of the Department of Biological and Medical Sciences of the Academy of Sciences of the Latvian S. S. R. E. Pelle. Izv. AN Latv. SSR no. 7:141-143 '62.

BALTIC STATES—FAMILY

From the editor. Trudy Inst. etn. 77:3-6 '62.

BALTIC STATES—MEDICINE—BIBLIOGRAPHY

Publications of the institutes of the Department of Biological and Medical Sciences of the Academy of Sciences of the Latvian S. S. R. E. Pelle. Izv. AN Latv. SSR. no. 7:141-143 '62.

BALTIC STATES—NATURAL MONUMENTS

Urgent problems of the study of natural monuments. D. V. Kumari. Vop. ekol. 4:44-45 '62.

BALTIC STATES—RURAL CONDITIONS

From the editor. Trudy Inst. etn. 77:3-6 '62.

BANACH SPACES
Linear structures equivalent to structures with a monotone norm. B. Z. Vulikh. Dokl. AN SSSR 147 no. 2 271-274 N '62.
Second-order differential equations in Banach space. P. E. Sobolevskii. Dokl. AN SSSR 146 no 4 771-777 O '62.

BAND THEORY OF SOLIDS see Energy-band theory of solids

BANDAGES AND BANDAGING
Treatment of trophic ulcers of the lower extremities with hemo-novocain blocks combined with an adhesive plaster bandage. M. S. Chikun. Zdrav. Bel. 7 no 11 17-19 N '61.

BANTU LANGUAGES—VOWELS
Some types of phonetic boundary signs in the Turkic and Bantu languages [with summary in English, pp 228-229] G. P. Mel'nikov. Nar. Az. i Afr. no 6 126-141 '62

BAPTISTS see subdivision under Bryansk

BAR DISTRICT—CRIMINAL JUSTICE, ADMINISTRATION OF
Soviet public helps us to intensify our struggle against the violation of laws. I. Dolhyi. Rad. pravo no 6 57-59 N-D '62

BARBERS see subdivision under Tallinn

BARBITURATES
Evaluation of the use of baltinal in practical anesthesiology [with summary in English] V. I. Kazanskii, N. N. Rastrigin. Khirurgiia no. 12 10-15 '61.
Forensic chemical detection of barbiturates by their conversion to isonitrosobarbituric acid. V. I. Lebanov. Sud.-med. ekspert. 5 no. 4 42-46 O-D '62
Tracheobronchoesophagoscopy under intravenous barbiturate anesthesia under conditions of apnea [with summary in English]. G. R. Khundadze, G. M. TSanava. Khirurgiia no. 12 27-29 '61.

BARENTS SEA—ALGAE
Biology of the golden alga Phaeocystis Pouchetii (Hariot) Lagerheim. M. I. Roukhlainen. Trudy MMBI no. 4: 19-26 '62.

BARENTS SEA—BONITO
Distribution of bonito larvae in the southern and southeastern parts of the Barents Sea. IU. F. Pozdniakov. Trudy MMBI no. 4.134-145 '62.

BARENTS SEA—CODFISH
Some data on feed rations of codfish and haddock of the Barents Sea. N. S. Novikova. Dokl. AN SSSR 146 no. 4 960-962 O '62.

BARENTS SEA—CRABS
Acclimatization of the Kamchatka crab in the Barents Sea. P. V. Ushakov. Trudy MMBI no. 4: 250-251 '62.
More on the acclimatization of the Kamchatka crab in the Barents Sea. IU. I. Galkin. Trudy MMBI no 4: 252-253 '62.

BARENTS SEA—FISHES
Distribution and some biological characteristics of commercial fishes in the littoral area of the Murman Coast in 1957. N. V. Mironova and others. Trudy MMBI no. 4:162-173 '62.
Distribution and some biological characteristics of commercial fishes in the littoral area of the Murman Coast in 1958. N. V. Mironova and others. Trudy MMBI no. 4:174-185 '62.
Planktonic fish eggs and larvae in the southeastern part of the Barents Sea. A. A. Kashkina. Trudy MMBI no. 4:97-133 '62.

BARENTS SEA—FISHES—FOOD
Some data on feed rations of codfish and haddock of the Barents Sea. N. S. Novikova. Dokl. AN SSSR 146 no. 4:960-962 O '62.

BARENTS SEA—MUSSELS
Inflammatory reactions in mussels (Mytilus edulis L.) of the Barents Sea. I. G. Mikhailova, E. V. Prazdnikov. Trudy MMBI no. 4:208-220 '62.

BARENTS SEA—OCEAN TEMPERATURE
Thermal conditions of the southern part of the Barents Sea. O. F. Kondratsova. Trudy MMBI no. 4:3-10 '62.

BARENTS SEA—PHYTOPLANKTON
Seasonality in the development of phytoplankton in the littoral waters of the Eastern Murman. M. I. Roukhlainen. Trudy MMBI no. 4:11-18 '62.

BARIUM
Adsorption of barium atoms on tungsten. IA. P. Zingerman, V. A. Ishchuk. Fiz. tver. tela 4 no. 8:2212-2213 Ag '62.

BARIUM FERRATE—MAGNETIC PROPERTIES
Permanent magnets made of barium ferrate [with summary in English]. I. IU. Gershov. Porosh. met. 2 no. 5.99-108 S-O '62.

BARIUM SULFATE
Adsorption of various substances on radioactive samples of barium sulfate. L. D. Beliakova and others. Radiokhimiia 4 no. 4:416-421 '62.

BARIUM TITANATE
Aging of $BaTiO_3$ ceramics stimulated by gamma-radiation. E. V. Peshikov, S. V. Staroduhtsev. Izv. AN Uz. SSR Ser. fiz.-mat. nauk 6 no 5 37-39 '62.

BARIUM TITANATE—ELECTRIC PROPERTIES
Electric strength of barium titanate. S. V. Bogdanov. Fiz. tver. tela 4 no 8 2179-2183 Ag '62.

BARLEY
(see also subdivision under Mordovia, Turkmenistan)
Characteristics of the phasic development of dual-purpose barley. P. V. Baramnikov. Agrobiologiia no. 5: 765-766 S-O '62

BARNAUL (ALTAI TERRITORY)—RAILROADS—ACCIDENTS
Traumatism in a locomotive depot and its prevention; experience from the work of a health station at the locomotive depot of Barnaul Station. N. S. Achkasov. Sov. med. 26 no 8:118-121 Je '62

BARNS see subdivision under Novaya Vodolaga District

BAROMETRIC HYPSOMETRY
Regime of the static field of the atmosphere near the aeroplane and its effect on the accuracy of barometric measurements. K. P. Bychkovskii. Trudy TSNIIGAIK no. 146:153-163 '62.

BASE-EXCHANGING COMPOUNDS
Frontal displacement chromatography of albomycin on cation exchange resins. G. V. Samsonov, G. E. El'kin, A. I. Gitman. Trudy Len. khim.-farm. inst. no. 15: 211-219 '62.
Study of the sorption of erythromycin by cation exchange resins. G. V. Samsonov, L. P. Fleer. Trudy Len. khim.-farm. inst. no. 15:225-232 '62.

BASHKIR PRESERVE—BIRDBANDING
Future application of continually working lines of automatic live traps for studying the ecologic characteristics of some passerine birds. A. I. Koshelev. Vop. ekol. 4:122-123 '62.

BASHKIRIA—DIABASE
Contact phenomena and magmatic differentiation in gabbro-diabase intrusives among Pre-Devonian deposits of western Bashkiria. S. G. Morozov, D. V. Postnikov. Dokl. AN SSSR 147 no. 2.445-447 N '62.

BASHKIRIA—DOLOMITE
Devonian continental dolomites of the Bashkir anticlinorium. IU. R. Bekker. Dokl. AN SSSR 147 no. 2 427-430 N '62.

BASHKIRIA—GABBRO
Contact phenomena and magmatic differentiation in gabbro-diabase intrusives among Pre-Devonian deposits of western Bashkiria. S. G. Morozov, D. V. Postnikov. Dokl. AN SSSR 147 no. 2.445-447 N '62.

BASHKIRIA—LANDFORMS
Landform zones of the western part of the Bashkir A. S. S. R. F. A. Maksimov. Izv. Vor. otd. Geog. ob-va no. 3 81-86 '61.

BASHKIRIA—MINES AND MINERAL RESOURCES
For overall development of deposits in the Bashkir A. S. S. R. A. I. Novitskii. Stroi. mat. 8 no 10 33-31 O '62

BASHKIRIA—OIL WELL DRILLING FLUIDS
Zaripov, S. Z. [Obtaining clay powders and using them in drilling wells in Bashkiria] Polucheniie glinoporoshkov i primeneniie ikh pri burenii skvazhin v Bashkirii. Ufa, Bashkirskoe knizhnoe izd-vo, 1962. 51 p.

BASHKIRIA—PETROLEUM GEOLOGY
Alteration of oil properties in Paleozoic sediments of Bashkiria. G. P. Ovanesov, K. S. [Arullin. Sov. geol. 5 no. 9:87-101 S '62.

BASHKIRIA—STATE FARMS
The drivers have no accidents. M. Khalfin. Sel'. mekh. no. 4:19 '62.

BASHKIRIA—SUGAR BEETS
Control of sugar beet growth and maturation under conditions of a shorter vegetation period [with summary in English]. L. G. Dobrunov, L. M. Pakhomova, A. D. Faizullin. Fiziol. rast. 9 no. 3 379-384 '62.

BATHROOMS
Precast bathrooms made of local materials. V. Sytnik, A. Sobolev, V. Popov. Stroi. i arkhit. 10 no. 10:28 O '62.

BATHS, COLD
Controlled cold bathing. C. D. Latyshev. Vop. kur., fizioter. i lech. fiz. kult. 27 no. 2:117-123 Mr-Ap '62.

BATHS, MEDICATED see subdivision under Khmel'nik (Vinnitsa Province)

BATHS, MOOR AND MUD
(see also subdivision under Kazakhstan Province)
Efficacy of mud therapy in changing tissue hydrophilia in gynecological patients. I. S. Rozovskii. Vop. kur., fizioter. i lech. fiz. kult. 27 no. 2:141-142 Mr-Ap '62.
Old and new in fangotherapy. V. G. Dik. Vop. kur., fizioter. i lech. fiz. kult. 27 no. 2:171-172 Mr-Ap '62.

BATS see subdivision under Tashkent

BATTERIES, SOLAR see Solar batteries

BATUM—PUBLIC BUILDINGS
Palace of Culture of the Batum petroleum workers. P. Sulberidze. Neftianik 7 no. 4 27 Ap '62

BAZILEVSKAIA, NINA ALEKSANDROVNA, 1962-
Anniversary of Professor N. A. Bazilevskaia. Vest. Mosk. un. Ser. 6: Biol., pochv. 17 no. 5:70-80 S-O '62.

BEAMS AND GIRDERS
Choosing an efficient technique for manufacturing prestressed girder spans. M. I. Finaish. Bet. i zhel.-bet. 8 no. 10.449-454 O '62.
Prestressed rod stirrups in long-span beams. G. M. Bremeev. Bet. i zhel.-bet. 8 no. 10:458-461 O '62.
The rigidity of prestressed metal beams. O. A. Gaft. Prom. stroi. 40 no 9 16-52 '62.
Seimov, V. M. [Design of beam slabs on elastic foundations taking into account the forces of friction due to contact] Raschet balochnykh plyt na uprugikh osnovaniiakh s uchetom sil trenia po kontaktu. Kyiv, Vyd-vo Akad. nauk URSR, 1962. 107 p.
Strengthening precast reinforced concrete roof beams with a span of 12 m. G. P. Stepanov. Prom. stroi. 40 no. 8:31-33 '62

BEAMS AND GIRDERS—STANDARDS
Precast prestressed concrete beams with one sloping surface. Biul. stroi. tekh. 19 no 5 6-9 My '62
Reinforced concrete bracing and crane girders with the reinforcement stretched against the concrete. Biul. stroi. tekh. 19 no 5 26-27 My '62

BEAMS AND GIRDERS—TESTING
Increasing the flexures of reinforced concrete beams under protracted loading. V. V. Figorovskii. Bet. i zhel.-bet. 8 no 11:501-503 N '62

BEAMS AND GIRDERS, CONTINUOUS
Deformation calculation of continuous beams made of thin-walled components [with summary in English] B. P. Sukharevskii. Trudy Inst. mekh. stroit. i mekhan. 9:17-70 '61.

BEANS
(see also subdivision under Cheriagov Province, Moscow region)
Elsukov, M. P., ed. [Forage beans] Kormovye boby. [Moskva] Mosk. rabochii, 1962. 67 p. (Shkola peredovogo opyta)
(DNAL)

BEANS—DISEASES AND PESTS
(see also subdivision under Latvia; Sal Steppe)
From the practices in the protection of forage beans. N. S. Karavianskii, IU. I. Shneider. Zashch. rast. ot vred. i bol. 7 no. 3:24-25 My '62

BEARING INDUSTRY see subdivision under Minsk, Moscow

BEARINGS (MACHINERY)
Causes for the early wear of endurated laminated wood bushings. G. Vasil'ev. Rech. transp. 21 no 11 36-37 N '62.
Hydrostatic rise of shafts in radial bearings. I. IA. Tokar' and others. Vest. elektroprom. 33 no 7:57-61 Jl '62.

BEAUTY SHOPS see subdivision under Tallinn

BECKMANN REARRANGEMENT
Steroids. Part 19: Beckmann rearrangement of the oxime of 16β-(δ-acetylamino-γ-methylvaleroxy)-Δ^5-pregnen-3β-ol-20-one acetate. N. N. Suvorov, L. I. Klimova, L. M. Morozovskaia. Zhur. ob. khim. 32 no. 10:3308-3315 O '62

BEE CULTURE
(see also subdivision under Kara-Kalpak A. S. S. R.)
Glushkov, N. M., and S. A. Rozov. [Advice to the beekeeper] Sovety pchelovodu. Moskva, Izd-vo M-va sel'. khoz. RSFSR, 1961. 150 p.
(DNAL)

BEE VENOM
How not to popularize the experience of popular medicine and the achievements of medical science; the popular scientific works of N. P. Iofrishe on bee honey and venom. G. P. Zaitsev, N. M. Artemov, V. T. Poriadin. Sov. med. 26 no. 7:154-159 Jl '62.

BEECH see subdivision under Transcarpathia

BEECH—DISEASES AND PESTS see subdivision under Krasnodar Territory

BEEF, CANNED—ANALYSIS
Effect of temperature and heating time on the hydrolysis of protein substances and amino acid composition of beef broth. A. A. Sokolov, A. IU. Kamal'. Izv. vyz. ucheb. zav.; pishch. tekh. no. 4:37-42 '62.

BEEF CATTLE see subdivision under Kalinin Province

BEEF CATTLE—FEEDING AND FEEDS see subdivision under Bogodukhov District

BEEF CATTLE BREEDING see subdivision under Ukraine

BEES
Device for studying the temperature balance in a beehive. T.S. Zhdanova. Vop.ekol. 1:105-106 '62.

BEETS, SUGAR see Sugar beets

BEGOVAT—CEMENT INDUSTRIES
"Is such reconstruction necessary?" Nar.khoz Uzb 4 no 10 01 O '62

BEKETOV, ALEKSEI NIKOLAEVICH, 1862-1946
Alekseĭ Nikolaevich Beketov, 1862-1946. N.N. Stolanov Izv. ASIA no. 3 126 '62.

BELAYA TSERKOV' DISTRICT—SUGAR BEETS—FERTILIZERS AND MANURES
Methods for applying fertilizers to sugar beets. T.IA Blagoveshchenskiĭ. Zemledelie 24 no 10:55-60 O '62

BELAYA VALLEY (KRASNODAR TERRITORY)—GEOLOGY, STRATIGRAPHIC
Study of the Permian and Triassic sediments of the Belaya Basin in the northwestern Caucasus A.I Dzhakonov, N E Mitin, P. A Shelkoplias Trudy KF VNII no 10 149-157 '62.

BELAYA VALLEY (KRASNODAR TERRITORY)—ORE DEPOSITS
Conditions governing the localization and composition of ores of the complex metal mineralization in the upper Belaya Basin V. S. Baliteskiĭ, V N Liubofeev. Trudy KF VNII no 10 267-288 '62.

BELGIUM—TRIALS (INFANTICIDE)
An unusual trial. Albert de Coninck Nov. vrem 20 no 48 22 N '62.

BELGOROD—POLICE
Korzhov, N.M. [Always on duty] Vsegda na postu. [Belgorod] Belgorodskoe knizhnoe izd-vo, 1962. 31 p. (Liudi nashikh dnei)

BELGOROD—RETAIL TRADE—AUDITING AND INSPECTION
Help and control. A Reutova. Sov torg. 35 no. 7:32-33 Jl '62.

BELGOROD PROVINCE—ECONOMIC POLICY
[We shall live under communism] Budem zhit pri kommunizme. [Belgorod] Belgorodskoe knizhnoe izd-vo, 1962. 67 p.

BELIAKOVA, LIUBOV' PETROVNA, 1887-1961
Liubov' Petrovna Beliakova; an obituary. Pochvovedenie no. 10:112-113 O '62

BELOZERKA REGION—LOGGING (GEOLOGY)
Efficient combination of geophysical studies of boreholes in the Belozerka deposit and the Krivoy Rog Basin. I A Garkalenko, V.N Kholin Razved. i prom. geofiz. no. 45 101-101 '62.

BEL'TSY DISTRICT—AGRICULTURE
Our party organization must spare no efforts for lowering our expenditures. P Grozhdan, G. Mikheesku, N. Chinshpan Komm. Mold. 7 no. 10 20-28 O '62.

BENSE, ROBERTO
Acquaintance with Roberto Bense. M Kushnirskiĭ, V Uritskiĭ. Sov muz. 26 no. 9.85-86 S '62

BENTHOS
Analysis of the distribution of benthic biocenoses of sea shoals based on aerial photography. K.M.Petrov. Vop.ekol. 4:139-140 '62.

Investigation of the methods of collecting benthos. Z. Kaiak. Vop.ekol. 4:111-113 '62.

BENZANTHRACENE
Catalytic oxidation of 2,2-dibenzanthronyl by an ozone-oxygen mixture. V.L. Plakidin and others. Kin.i kat. 3 no.2:292-295 Mr-Ap '62.

BENZENE
Alkylation of an aromatic nucleus by dihalo compounds. Part 4: Reactions of 1,4-chlorobromobutane, 1,3-chlorobromopropane, and 2-methyl-1,2-dibromopropane with benzene. L.V.Bugrova, I.P.TSukervanik. Zhur. ob.khim. 32 no.11:3575-3579 N '62.

Characteristics of the demixing field of transition-type ternary systems. Part 2. R.V.Merislin, N.I.Nikurashina. Zhur.ob.khim. 32 no.10:3122-3130 O '62.

Cyclohexatriene structure of benzene (reply to F. Cheshkov). M.I.Batuev. Zhur. ob. khim. 32 no.10:3467-3461 O '62.

Cyclopropanes and cyclobutanes. Part 25: Interaction of phenylcyclopropane with pyridine sulfotrioxide. IU.S.Shabarov, R.IA. Levina, V.K. Potapov. Zhur. ob. khim. 32 no.10:3104-3108 O '62.

Effect of halogen-containing additives on the reactions of tritium recoil atoms with benzene. V.V. Pozdeev, An. N. Nesmeianov, B.G. Dzantiev. Radiokhimia 4 no. 4:398-404 '62.

Exchange reaction between triphenylaluminum and benzene. G.A. Razuvaev, E. V. Mitrofanova, IU.A. Kaplin. Zhur. ob. khim. 32 no.10:3453 O '62.

Isomerization during the sulfuric acid alkylation of benzene by alcohols. B. V Ioffe, B.V. Stoliarov. Zhur. ob.khim 32 no 10 3152-3153 O '62.

Kinetics of the catalytic oxidation of benzene to maleic anhydride. I.I.Ioffe, A G.Liubarskiĭ. Kin.i kat. 3 no.2 261-271 Mr-Ap '62.

Nucleophilic substitution in the aromatic series Part 1: Mechanism of the interaction of 1, 2, 4, 5-tetrachlorobenzene with sodium methylate in anhydrous and aqueous methyl alcohol S. M. Shein, V. A Ignatov. Zhur. ob. khim 32 no 10 3220-3222 O '62.

Nucleophilic substitution in the aromatic series Part 2: Kinetics of the reaction of 1, 2, 4, 5-tetrachlorobenzene with sodium methylate in anhydrous methyl alcohol S. M. Shein, V A. Ignatov. Zhur. ob. khim 32 no. 10 3223-3227 O '62.

Recovery of benzene from absorption gases by means of by-products of phenol manufacture via cumene. V. M Kisarov, O A Kalmakov, & I Riabinin Khim prom no. 9 691-692 S '62.

BENZENE—SPECTRA
Vibration spectra of aromatic compounds Part 14 Characteristic vibrations of metasubstituted benzenes A. M. Bogomolov Opt i spektr. 13 no 2 159-168 Ag '62.

BENZENE—TOXICOLOGY
Comparative characteristics of myeloid hemopoiesis in forms of the chronic action of X-rays and benzene intoxication. V V. Sokolov, V. A. Solov'eva, L A Gribova Med. rad. 7 no 7 92-93 Jl '62

BENZENE DERIVATIVES
Vinylacetylene chemistry. Report No. 34: Hydration of vinylacetylene compounds containing a substituted benzene nucleus. S. A. Vartanian, S K. Vardapetian, Sh. O. Badanian. Izv AN Arm. SSR. Khim. nauki 15 no. 1:347-352 '62.

BENZENE HEXACHLORIDE
Chlorine organic insecticides (continuation). E G. Granin. Zashch. rast ot vred. i bol. 7 no. 5 43-45 My '62

Effect of organic and mineral fertilizers on the toxicity and duration of the action of hexachloran. O.S Matvievskyi. Nauk. pratsi Ukr. nauk.-doslid. inst. sad no. 37 17-24 '60.

BENZENESULFONIC ACID
Derivatives of 1, 4-diethylbenzene-2-sulfonic acid. S. I. Burmistrov, Zh. A. Fedorina. Zhur ob. khim. 32 no. 10:3315-3317 O '62.

BENZENESULFONYL CHLORIDE
Reactions of benzenesulfonyl chloride with alcohols and phenols K. A. Zaitz, V. D Lisshenko Zhur ob khim 32 no 11:3033-3038 N '62

BENZENETHIOL
Condensation of nitroacetone, nitroacetophenone, and nitroacetonitrile with o-aminophenylmercaptan. A.I. Kiprianov, T.M. Verbovskaia. Zhur. ob.khim. 32 no.11:3703-3707 N '62.

BENZILIC ACID
Diethylaminoethyl esters of hydroxy- and methoxybenzilic acid. S.G.Kuznetsov, I.N. Somin. Zhur. ob.khim. 32 no.11 3763-3768 N '62.

Formation of polymethylene ammonium cycles. Part 2: Synthesis and conversions of some benzilic acid esters. D.V Ioffe, S G. Kuznetsov. Zhur ob.khim. 32 no.10. 3237-3244 O '62.

BENZOIC ACID
Heterocyclic compounds. Synthesis of benzoic esters of γ- and β-isomers of 1-(β-N-morpholinoethyl)-2, 5-dimethyl-4-ethynyl-4-piperidinol A. Sh. Sharifkanov, T. G. Sarbaev. Zhur. ob. khim. 32 no. 10. 3170-3170 O '62.

Heterocyclic compounds. Synthesis of benzoic esters of γ-isomers of 1-(γ-phenylallyl)- and 1-(β-phenylethyl)-2, 5-dimethyl-4-vinyl-4-piperidinols. A. Sh. Sharifkanov, T. G. Sarbaev. Zhur. ob. khim. 32 no. 10: 3172-3174 O '62.

BENZOPYRANCARBOXYLIC ACID
Further study of the properties of 1,4-dichlorobenzopyran-2-carboxyl chloride. V.A.Zagorevskiĭ. Zhur. ob.khim. 32 no.11:3770-3775 N '62.

BENZOPYRANOINDOLE
Derivatives of indole. Part 9. Synthesis of derivatives of pyrano(4,3-b)-3,4-dihydroindoles and chromeno (4,3-b) indoles. N.M.Sharkova, N.F. Kucherova, V.A. Zagorevskiĭ. Zhur. ob.khim. 32 no.11:3640-3645 N '62.

BENZOPYRENE—SPECTRA
Linear spectra of aromatic hydrocarbons in frozen crystalline solutions. Part 1. Continued study of the first singlet-singlet transition in 3,4-benzopyrene at 20° and 4°K. E. V. Shpol'skiĭ, L. A. Klimova Opt. i spektr. 13 no. 2.174-181 Ag '62.

BENZOQUINOLINE—SPECTRA
Effect of small quantities of water on the luminescence spectra of 5,6-benzoquinoline solutions in p-dioxane A. P. Kilimov, L. N. Zvegintseva. Opt. i spektr. 13 no 2:285-287 Ag '62

BENZOQUINONE
Kinetics of inhibition of radical polymerization Part 6 Effect of p-xyloquinone on the initiated polymerization of styrene [with summary in English] L. Simandi, F. Tudos Vysokom soed 4 no 9 1125-1130 S '62

BENZOTHIADIAZOLE
Chemistry of 2, 1, 3-thio and selenodiazoles. Part 14 Reactivity of bromine in derivatives of 2, 1, 3-benzothiadiazole V G Pesin, A M Khaletskiĭ. Zhur ob. khim 32 no. 10.3281-3290 O '62

BENZOTHIAZOLE
Carbon suboxide and some of its reactions. Part 14 Interaction of carbon suboxide with 2-amino-5-alkylthiazoles and 2-aminobenzothiazoles. L.B.Dashkevich, I.N.Kuvaeva. Zhur. ob.khim 32 no.11 3768-3770 N '62.

BEREZNIKI—ELECTRIC POWER DISTRIBUTION
The city is turning on the lights. V. Rabyko. Zhil.-kom. khoz. 12 no. 11:10-11 N '62.

BEREZOVO (KHARKOV PROVINCE)—HEALTH RESORTS, WATERING-PLACES, ETC.
Zelenskiĭ, N.M. ["Berezovo Mineral Waters" Health Resort] Kurort "Berezovskie mineral'nye vody." Kiev, Gosmedizdat USSR, 1962. 82 p. (DNLM)

BERGGOL'TS, OL'GA FEDOROVNA, 1910-
"Verse and the heart; a sketch of the works of Ol'ga Berggoltsia" by A. Pavlovskiĭ. Reviewed by E. Liubareva. Vop lit 6 no 8:227-228 Ag '62

BERING SEA—HALIBUT
Probability of gynogenesis in the arrow-toothed halibut (Atheresthes stomias Jord. et Gilb.) in the Bering Sea. N P Novikov Dokl AN SSSR 147 no. 1:215-216 N '62

BERING STRAIT—SEA WATER
Cause of the difference in the heat content of the waters in the western and eastern parts of the Bering Strait. L. G. Toporkov. Okeanologiia 2 no. 5:810-814 '62.

BERLIN, TREATY OF, 1878
I. S. Aksakov's action against the Congress of Berlin in 1878 and reactions to it in Russia and Bulgaria V. I. Ado Ist. SSR 6 no. 6:125-139 N-D '62

BERRIES—DISEASES AND PESTS see subdivision under Ukraine

BERYLLIUM
Polarization of protons from the reaction $Be^9(d,p)Be^{10}$. M. V. Pasichnyk, D. I. Tambovtsev. Ukr. fiz. zhur. 7 no. 1 74-75 Ja '62.

BERYLLIUM—ANALYSIS
Colorimetric determination of beryllium by the reaction with aluminon in niobium-based alloys. B.S. Tsyvina, M. P. Ogareva. Zav. lab. 28 no. 8:917-910 '62.

Colorimetric determination of beryllium in bronze with aluminon. L. P. Adamovich, S. V. Utenis. Zav. lab. 28 no. 8 920-921 '62.

BESNIER-BOECK DISEASE see Granuloma benignum

BETA RAYS
Determination of long-lived beta-particle radiators in atmospheric fallout. V. I. Baranovskiĭ, V. D. Vilenskiĭ Radiokhimiia 4 no. 1, 486-492 '62.

Measurement of sources of β-radiation by chemical dosimetry. G. A. Mikhal'chenka, I. Kleinman. Radiokhimia 4 no 4:470-486 '62.

Rapid method for analyzing silicon-copper alloys by reflected β-radiation. F. B. Anikol' and others. Zav. lab. 28 no. 11:1336-1339 '62.

BETATRON
Annan'ev, L. M., A. A. Verob'ev, and V. I. Gorbunov. [Betatron and its uses] Betatron i ego primenenie. [Tomsk] Tomskoe knizhnoe izd-vo, 1962. 83 p.

BETEKHTIN, ANATOLII GEORGIEVICH, 1897-1962
In memory of Anatolii Georgievich Betekhtin. Zap. Vses. min. ob-va 91 no. 5 509-511 '62.

BEZYMYANNYY VOLCANO
Observations inside the Bezymyannyy Volcano crater in the summer of 1960. V. N. Borisova, O. G. Borisov. Biul. vulk. sta. no. 33:14-19 '62.

BIBLE—CRITICISM, INTERPRETATION, ETC.
Gur'ev, D. V. [God, Adam, and society] Bog, Adam i obshchestvo. Moskva, Gospolitizdat, 1962. 118 p.

Rizhskiĭ, M. I. [What is the Bible] Chto takoe Bibliia. [Chita] Chitinskoe knizhnoe izd-vo, 1960. 181 p.

BIBLE—PHILOSOPHY
History of the ideology of the second century A.D. M.K. Trofimova. Vest. drev. ist. no. 4:67-80 '62.

BIBLIOGRAPHY
[Book chronicle] Knizh. lot. nos. 40-50 '62, Vspomogatel'nye ukazateli k nos. 27-39 za 1962 god. Dopolnitel'nyi vypusk no. 10 '62, Vspomogatel'nye ukazateli k nos. 7-9 za 1962 god.

BIBLIOGRAPHY (Continued)

[Information index of bibliographical lists and card files] Inform. ukaz. bibl. spis. i kart. 6 nos. 20-24 O-D '62.

Kosenko, M. Iu., and IE. IE Kravchenko. [Method of selecting and using literature for term papers and diploma projects] Metodyka pidboru ta vykorystannia literatury dlia kursovykh i dyplomnykh robit ta proektiv [Lviv] Vyd-vo Lvivs'koho univ., 1961. 69 p.

Moscow. Gosudarstvennaia publichnaia istoricheskaia biblioteka. [The great program of the building of communism, a bibliography] Velikaia programma stroitel'stva kommunizma; ukazatel' literatury (v pomoshch' propagandistu). Moskva, Izd-vo Vses. knizhnoi palaty, 1962. 79 p.

New books. Komm. Mold. 7 no. 7 3 of cover. Jl '62

New books. Komm. Mold. 7 no. 10 77-78 O '62

New books. Komm. Ukr. 30 no. 10:94-96 O '62

[New books] Nov. knigi nos. 49-50 D '62.

New books. Rad. shk. 41 no. 10:88 O '62.

New books. Vest. AN SSSR 32 no. 11:147-150 N '62.

[New literature on science and research abroad] Nov. lit. o nauke i nauch.-issl. rab za rub. no. 8 '62.

Recommended literature. Nar. asv. no. 10:96 O '62

Soviet publishing houses in 1963. Agitator no. 24:49-51 D '62.

BIBLIOGRAPHY—ACCOUNTING

New books. Bukhg. uchet 18 no. 10 74-75 O '62.

Ready for publication. Uchet i fin. v kolkhoz. i sovkhoz. 19 no. 11:55 N '62.

BIBLIOGRAPHY—ADMINISTRATIVE LAW

A review of the Soviet studies in the field of administrative law published in 1959-1961. L. A. Nikolaeva. Izv. vys. uchеb. zav., prav. 6 no. 3 153-158 '62.

BIBLIOGRAPHY—AFRICA

[New Soviet and foreign literature on the countries of the non-Soviet East] Nov. sov. i inostr. lit. po stran, zarub. Vost. no. 8 '62.

BIBLIOGRAPHY—AFRICAN STUDIES

Bibliography on African countries. E. M. Vinokur. Nar. Az. i Afr. no. 6 199-200 '62

Ten years of African studies in the Soviet Union, 1952-1962, a bibliography. S. IU. Abramova. Nar. Az. i Afr. no. 6 199-198 '62

BIBLIOGRAPHY—AGRICULTURAL LAWS AND LEGISLATION

Ready for publication. Uchet i fin. v kolkhoz. i sovkhoz. 19 no. 11:55 N '62.

BIBLIOGRAPHY—AGRICULTURAL MACHINERY

New books. Sel'. mekh. no. 11:45 '62.

BIBLIOGRAPHY—AGRICULTURE

[Agricultural literature of the U. S. S. R.] Sel'khoz. lit. SSSR no. 5 '62. Imennoi ukazatel' za 1961 god.

Books received by the editors. Agrobiologiia no. 5:798-799 S-O '62.

From the pages of foreign biological and agricultural publications. G. N. Miroshnichenko, E. Sorkina-Frenkel'. Agrobiologiia no. 5:797-798 S-O '62

[Information bulletin of new foreign books, received by the Lenin Library. Series 2: Biological, Medical, and Agricultural Sciences] Inform. biul. nov. inostr. knig, postup. v Bibl. im. V. I. Len. Ser. 2: Biol., med. i sel'khoz. nauki 5 nos. 32-33 N-D '62.

Land as the source of wealth; review of literature. A. M. Bochever. Zemledelie 24 no. 10:93-95 O '62

New books. Zemledelie 24 no. 6:69-86 Je '62.

New books. Zemledelie 24 no. 10:p. 3 of cover O '62.

New books. Zhivotnovodstvo 23 no. 2:94 F '61.

[New foreign books. Series V: Biology, medicine, agriculture] Nov. knigi za rub. Ser. V: Biol., med., sel'. khoz. 6 nos. 11-12 N-D '62.

Works of scientific institutions. Vest. sel'khoz. nauki 7 no. 9:26, 59, 68, 109 S '62

BIBLIOGRAPHY—AGRICULTURE—ACCOUNTING

New books on economics and accounting in agriculture. Uchet i fin. v kolkhoz. i sovkhoz. 19 no. 7 54-55 Jl '62.

BIBLIOGRAPHY—AGRICULTURE—ECONOMIC ASPECTS

New books on economics and accounting in agriculture. Uchet i fin. v kolkhoz. i sovkhoz. 19 no. 7:54-55 Jl '62.

BIBLIOGRAPHY—ARCHAEOLOGY

[New Soviet literature on history, archaeology, and ethnography] Nov. sov. lit. po ist., arkheol. i etn. no. 8 '62.

BIBLIOGRAPHY—ART

[Literature and art of the peoples of the U. S. S. R. and foreign countries] Lit. i isk. nar. SSSR i zarub. stran no. 6 '62.

BIBLIOGRAPHY—ASIA

[New Soviet and foreign literature on the countries of the non-Soviet East] Nov. sov. i inostr. lit. po stran, zarub. Vost. no. 8 '62.

BIBLIOGRAPHY—ASTRONOMY

New books on astronomy. Astron. zhur. 39 no. 6:1145 N-D '62.

BIBLIOGRAPHY—ASTROPHYSIC

Abstracts of articles on astrophysics published in Vol. 1, nos. 5 and 6, 1961, and Vol. 5, nos. 2 and 3, 1962, in "Izvestiia vysshikh uchebnykh zavedenii, Radiofizika." Astron. zhur. 39 no. 6:1144-1145 N-D '62.

BIBLIOGRAPHY—ATHEISM

[New Soviet and foreign literature on the problems of religion and atheism] Nov. sov. i inostr. lit. po vop. religii i ateizm. nos. 6-7/8 '62.

We should publish more atheistic books and pamphlets for the masses. G. Pulatov. Komm. Uz. 31 no. 5 90-93 My '62

BIBLIOGRAPHY—ATOMIC ENERGY

New literature. Atom. energ. 13 no. 5 509-516 N '62.

BIBLIOGRAPHY—AUTOMATION

From foreign periodicals, March 1962. Mekh. i avtom. proizv. 16 no. 10:62-64 O '62.

From Soviet periodicals, September 1962. Mekh. i avtom. proizv. 16 no. 10:60-62 O '62.

New books. Mekh. i avtom. proizv. 16 no. 10 58-59 O '62.

New books. Vest. mashinostr. 42 no. 11:91-92 N '62.

Russia (1923- U. S. S. R.) Gosudarstvennyi komitet zagotovok. TSentral'noe biuro tekhnicheskoi informatsii. [Bibliography of scientific and technological literature on problems of procuring and processing agricultural products by elevators, mills, and the mixed feed industry] Bibliograficheskii ukazatel' nauchno-tekhnicheskoi literatury; po voprosam zagotovok i proizvodstva sel'skokhoziaistvennykh produktov elevatornoi, mukomol'no-kruplanoi i kombikormovoi promyshlennosti. Moskva, Zagotizdat, 1961. 27 p.

BIBLIOGRAPHY—BALTIC STATES—BIOLOGY

Publications of the institutes of the Department of Biological and Medical Sciences of the Academy of Sciences of the Latvian S. S. R. T. Peile. Izv. AN Latv. SSR no. 7:141-143 '62.

BIBLIOGRAPHY—BALTIC STATES—MEDICINE

Publications of the institutes of the Department of Biological and Medical Sciences of the Academy of Sciences of the Latvian S. S. R. E. Peile. Izv. AN Latv. SSR no. 7 141-143 '62.

BIBLIOGRAPHY—BIOGRAPHY

New books of the "Life of outstanding people" series. G. Pomerantseva. Nauka i zhizn' 29 no. 5:88-89 My '62

BIBLIOGRAPHY—BIOLOGY

[Information bulletin of new foreign books, received by the Lenin Library. Series 2: Biological, Medical, and Agricultural Sciences] Inform. biul. nov. inostr. knig, postup. v Bibl. im. V. I. Len. Ser. 2 Biol., med. i sel'khoz. nauki 6 nos. 32-35 N-D '62.

[New foreign books. Series V: Biology, medicine, agriculture] Nov. knigi za rub. Ser. V: Biol., med., sel'. khoz. 6 nos. 11-12 N-D '62.

BIBLIOGRAPHY—BLASTING

New books. Bezop. trudа v prom. 6 no. 6:34 Je '62.

BIBLIOGRAPHY—BUILDING

New books. Stil'. bud. 12 no. 9:24 S '62.

What to read. Stroitel' 8 no. 10:31 O '62.

BIBLIOGRAPHY—CARTOGRAPHY

Moscow. TSentral'nyi nauchno-issledovatel'skii institut geodezii, aeros"emki i kartografii. [Bibliographical] index to the Transactions of the Central Scientific Research Institute of Geodesy, Aerial Photography, and Cartography, for the years 1956-1960] Bibliograficheskii ukazatel' Trudov TSentral'nogo nauchno-issledovatel'skogo instituta geodezii, aeros'emki i kartografii za 1956-1960 gg. Sost. E. G. Paheiko. Moskva, 1961. 29 p.

BIBLIOGRAPHY—CHEMICAL INDUSTRIES

Books for chemical industry workers. Khim. prom. no. 9 698-699 S '62.

BIBLIOGRAPHY—CHEMISTRY

Annotated bibliography of literature on chemistry by V. V. Fel'dt, A. T. Fel'dt. Reviewed by B. IA. Rozen. Sov. bibl. no. 5:85-86 '62.

BIBLIOGRAPHY—CHEMISTRY, ANALYTICAL

Books on investigation methods. Zav. lab. 28 no. 8: 1023 '62.

BIBLIOGRAPHY—CIVIL LAW

"Soviet civil law; Soviet law of domestic relations. A bibliography." Reviewed by E. M. Popova. Sov. bibl. no. 5:81-82 '62.

BIBLIOGRAPHY—COAL MINES AND MINING

New books. Ugol' Ukr. 6 no. 8:46 Ag '62.

Recommended reading. Sov. shakht. 11 no. 11:44 N '62.

BIBLIOGRAPHY—COLLECTIVE FARMS—ACCOUNTING

Ready for publication. Uchet i fin. v kolkhoz. i sovkhoz. 19 no. 7 59-60 Jl '62.

BIBLIOGRAPHY—COLOR—PHYSIOLOGICAL EFFECT

[illegible] Tech-[illegible] dif-[illegible] Pod red. I. A. Vaks. Leningrad, 1962. 34 p.

BIBLIOGRAPHY—COMMUNICABLE DISEASES

Soviet literature on problems of microbiology, immunology, infectious diseases and epidemiology during the fourth quarter of 1959. Zhur. mikrobiol., epid. i immun. 33 no. 12:131-140 D '61.

BIBLIOGRAPHY—COMMUNISM

Articles on the history of Communist parties published outside the U. S. S. R. Vop. ist. KPSS 6 no. 6:206-208 '62.

Source materials and articles on the history of the CPSU and the international communist and labor movement published in periodicals and scholarly serials in July-August, 1962. Vop. ist. KPSS 6 no. 6 209-214 '62.

BIBLIOGRAPHY—COMMUNIST PARTY OF THE SOVIET UNION

Source materials and articles on the history of the CPSU and the international communist and labor movement published in periodicals and scholarly serials in July-August, 1962. Vop. ist. KPSS 6 no. 6:209-214 '62.

BIBLIOGRAPHY—CONSTRUCTION INDUSTRY

From the pages of magazines. St. rol. i dor. mash. 7 no. 10 39-40 O '62.

From the pages of foreign magazines. Prom. stroi. 40 no. 8:64 '62.

From the pages of Soviet magazines (July 1962). Prom. stroi. 40 no. 8.63 '62.

New books. Izv. ASiA 4 no. 1 136-140 '62.

New books. Izv. ASiA no. 3 128-131 '62

New books of the State Construction Publishing House. Biul. strot. tekh. 19 no. 5.47 My '62.

Russia (1923- U. S. S. R.) Gosudarstvennyi komitet zagotovok. TSentral'noe biuro tekhnicheskoi informatsii. [Bibliography of scientific and technological literature on problems of procuring and processing agricultural products by elevators, mills, and the mixed feed industry] Bibliograficheskii ukazatel' nauchno-tekhnicheskoi literatury; po voprosam zagotovok i proizvodstva sel'skokhoziaistvennykh produktov elevatornoi, mukomol'no-kruplanoi i kombikormovoi promyshlennosti. Moskva, Zagotizdat, 1961. 27 p.

BIBLIOGRAPHY—CZECHOSLOVAKIA

[New literature on Czechoslovakia] Nov. lit. po Chekh. no. 7 '62.

BIBLIOGRAPHY—DESIGN, INDUSTRIAL

Leningradskii dom nauchno-tekhnicheskoi propagandy. Nauchno-tekhnicheskaia biblioteka. [Aesthetics in technology; a bibliography] Estetika v tekhnike; bibliograficheskii ukazatel'. Sost. I. V. Ivanova i V. V. Toropkov. Pod red. I. A. Vaks. *Leningrad, 1962. 34 p.*

BIBLIOGRAPHY—DOMESTIC RELATIONS

"Soviet civil law; Soviet law of domestic relations. A bibliography." Reviewed by E. M. Popova. Sov. bibl. no. 5:81-82 '62.

BIBLIOGRAPHY—ECONOMICS

[New foreign books on the social sciences; economics, philosophy, history, international relations] Nov. knigi za rub. po obshchestv. naukam; ekon., filos., ist., mezhdunar. otn. 5 nos. 11-12 N-D '62.

[New foreign economic literature] Nov. inostr. ekon. lit. no. 8 '62.

[New Soviet economic literature] Nov. sov. ekon. lit. *nos. 25-28 '62.*

BIBLIOGRAPHY—EDUCATION

Among the new in pedagogical literature. E. Lebedeva. Nar. obr. no. 12 114-117 D '62

Bookshelf. Nar. obr. no. 11:115 N '62.

Bookshelf. Nar. obr. no. 12 117, 119, 124. D '62.

In the province publishing houses. Rad. shk. 41 no. 11: 94 N '62.

Literature for teachers; publications of the State Publishing House of Pedagogical Literature and the Academy of Pedagogical Sciences of the R. S. F. S. R. Nach. shkola 30 no. 11, 88-93 N '62.

BIBLIOGRAPHY—ELECTRIC ENGINEERING

New books. Elektrichestvo no. 11:96 N '62.

BIBLIOGRAPHY—ELECTRONICS

[Annotated bibliography on electronics] Annot. ukaz. lit. po radiotekh. 18 nos. 21-22 '62.

BIBLIOGRAPHY—ETHNOLOGY

[New Soviet literature on history, archaeology, and ethnography] Nov. sov. lit. po ist., arkheol. i etn. no. 8 '62.

BIBLIOGRAPHY—EUROPE, EASTERN—LAW

Classified index of the articles published in the legal periodicals of the European people's democracies during the first half of 1961. Izv. vys. uchеb. zav., prav. 6 no. 3:199-199 '62.

BIBLIOGRAPHY—EXTRACTION (CHEMISTRY)

Periodical and monographic literature on extraction. Zav.lab 28 no.11:1401-1408 '62.

BIBLIOGRAPHY—FACTORIES—LIGHTING

Leningradskii dom nauchno-tekhnicheskoi propagandy. Nauchno-tekhnicheskaia biblioteka. [Aesthetics in technology, a bibliography] Estetika v tekhnike, bibliograficheskii ukazatel'. Sost. I. V. Ivanova i V. V. Toropkov. Pod red. I. A. Vaks. Leningrad, 1962. 34 p.

BIBLIOGRAPHY—FARM PRODUCE

Russia (1923- U.S.S.R.) Gosudarstvennyi komitet zagotovok. TSentral'noe biuro tekhnicheskoi informatsii. [Bibliography of scientific and technological literature on problems of procuring and processing agricultural products by elevators, mills, and the mixed feed industry] Bibliograficheskii ukazatel' nauchno-tekhnicheskoi literatury, po voprosam zagotovok i proizvodstva sel'skokhozyaistvennykh produktov elevatornoi, mukomol'no-krupianoi i kombikormovoi promyshlennosti Moskva, Zagotizdat, 1961. 27 p.

BIBLIOGRAPHY—FISHERIES

New literature on the fishing industry. Ryb khoz 38 no.5-92-93 '62.

BIBLIOGRAPHY—FOUNDING

New books. Lit. proizv. no.9-48 S '62.

New books on foundry practice. Lit. proizv. no.8:18 Ag '62.

BIBLIOGRAPHY—GAS CHROMATOGRAPHY

Akademiia nauk SSSR. Institut organicheskoi khimii. [Gas chromatography, bibliographic index to Soviet and foreign literature for 1952-1960] Gazovaia khromatografiia; bibliograficheskii ukazatel' otechestvennoi i zarubezhnoi literatury, 1952-1960 gg. Moskva, Izd-vo Akad. nauk SSSR, 1962. 282 p.

BIBLIOGRAPHY—GEODESY

Moscow. TSentral'nyi nauchno-issledovatel'skii institut geodezii, aeros"emki i kartografii. [Bibliographical index to the Transactions of the Central Scientific Research Institute of Geodesy, Aerial Photography, and Cartography, for the years 1956-1960] Bibliograficheskii ukazatel' Trudov TSentral'nogo nauchno-issledovatel'skogo instituta geodezii, aeros"emki i kartografii za 1956-1960 gg. Sost. E. G. Pchelko. Moskva, 1961 29 p.

BIBLIOGRAPHY—GEOLOGICAL TIME

Russian and foreign literature on the determination of the absolute age of rocks and minerals, 1956-1960. L.B. Bugel'skaia. Biul. Kom. po opr. abs. vozr. geol. form. no.5:97-135 '62.

BIBLIOGRAPHY—GEOPHYSICS

Annotations and articles on geomagnetism and aeronomy published in "Izvestiya vyeshikh uchebnykh zavedenii, radiofizika," Geomag i aer. 2 no.3,560-561 My-Je '62.

Annotations of articles on geomagnetism and aeronomy published in "Izvestiia vyshikh uchebnykh zavedenii; Radiofizika," vol. 4, 1961. Geomag. i aer. 2 no.1, 188-189 Ja-F '62

BIBLIOGRAPHY—GERMAN LITERATURE

General relations of the Deutsche Bucherei with Soviet libraries. Helmut Loze, Irena Hunke. Sov. bibl. no.5:80-87 '62.

Deutsche Bucherei and general German bibliography. Helmut Rotsch. Sov. bibl. no.5,81-88 '62.

BIBLIOGRAPHY—GERMANY, EAST

[New literature on the German Democratic Republic] Nov. lit. po Ger. Dem. Resp. nos. 1-4 '62.

BIBLIOGRAPHY—HISTORY

Annotations. Vop. ist. KPSS 6 no.6:200-206 '62.

Bookshelf. Prep. ist. v shkole 17 no.5:116-118 S-O '62.

[New foreign books on the social sciences; economics, philosophy, history, international relations] Nov. knigi za rub. po obshchestv. naukam; ekon., filos., ist., mezhdunar. otn. 5 nos.11-12 N-D '62.

[New Soviet literature on history, archaeology, and ethnography] Nov. sov. lit. po ist., arkheol. i etn. no.8 '62.

BIBLIOGRAPHY—HUNGARY

[New literature on Hungary] Nov. lit. po Veng. nos. 7-9 '62.

BIBLIOGRAPHY—IMMUNOLOGY

Soviet literature on problems of microbiology, immunology infectious diseases and epidemiology during the fourth quarter of 1959. Zhur. mikrobiol., epid. i immun. 32 no.12:131-140 D '61.

BIBLIOGRAPHY—INDUSTRY

From foreign periodicals, March 1962. Mekh. i avtom. proizv. 16 no.10:62-64 O '62.

From Soviet periodicals, September 1962. Mekh. i avtom. proizv. 16 no.10:60-62 O '62.

New books. Mekh. i avtom. proizv. 16 no.10:58-59 O '62.

BIBLIOGRAPHY—INTERNATIONAL RELATIONS

[New foreign books on the social sciences; economics, philosophy, history, international relations] Nov. knigi za rub. po obshchestv. naukam, ekon., filos., ist., mezhdunar. otn. 5 nos.11-12 N-D '62.

BIBLIOGRAPHY—KUBAN

"The Kuban in Soviet belles lettres, a bibliography." "The Orel region in the works of its authors, a bibliography." Reviewed by E. N. Kabalkina, A. A. Kunina. Sov. bibl. no.5 58-60 '62.

BIBLIOGRAPHY—KURSK PROVINCE

Kogan, E., comp. [Kursk Province in belles lettres and memoirs, a bibliography] Kurskii krai v khudozhestvennoi i memuarnoi literature; rekomendatel'nyi ukazatel'. Kursk, [Kurskoe knizhnoe izd-vo] 1962. 52 p.

BIBLIOGRAPHY—LANGUAGE AND LANGUAGES

New books Inostr. iaz. v shkole no.4:124-126 Jl-Ag '62

[New foreign literature on linguistics] Nov. inostr. lit. po iaz. no.9 '62.

[New Soviet literature in linguistics] Nov. sov. lit. po iaz. no.9 '62.

BIBLIOGRAPHY—LAW

New legal studies published in July and August 1962 in the U.S.S.R. Sov. gos. i pravo 32 no.11 155-159 N '62.

BIBLIOGRAPHY—LENIN, VLADIMIR IL'ICH, 1870-1924

"V. I. Lenin on the Ukraine; a bibliographical guide" by V. P. Tytarenko Reviewed by P. M. Shmorhun Ukr. ist. zhur 6 no.1 129-130 Jl-Ag '62

BIBLIOGRAPHY—LIBRARY SCIENCE

New books Bibliotekar' no.11 63-64 N '62

BIBLIOGRAPHY—LIGHTING

Optics and lighting engineering. Tekh. kino i telev. 6 no.11:83-88 N '62.

Optics and lighting engineering Tekh kino i telev. 6 no.12:81-87 D '62

BIBLIOGRAPHY—LITERATURE

[Information bulletin of new foreign books, received by the Lenin Library. Series 3: Social sciences, belles-lettres, art] Inform. biul. nov. inostr. knig, postup. v Bibl. im. V. I. Len. Ser. 3: Obshchestv. nauki, khud. lit., isk. 5 nos.31-33,36 N-D '62.

Kandel', B. L. [Bibliography of Russian bibliographies of foreign belles lettres and literature criticism] Bibliografiia russkikh bibliografii po zarubezhnoi khudozhestvennoi literature i literaturovedeniiu. Leningrad, Publichnaia biblioteka, 1962. 175 p.

[Literature and art of the peoples of the U.S.S.R. and foreign countries] Lit. i isk. nar. SSSR i zarub. stran no.6 '62.

BIBLIOGRAPHY—LITERATURE—HISTORY AND CRITICISM

[New foreign literature on the study of literature] Nov. inostr. lit. po lit. no.9 '62.

[New Soviet literature on the study of literature] Nov. sov. lit. po lit. no.8 '62.

BIBLIOGRAPHY—MACHINE-SHOP PRACTICE

"Multiple machining of parts; a bibliography." Reviewed by T. Z. Krichman. Sov. bibl. no.5-62-63 '62.

BIBLIOGRAPHY—MACHINE TOOLS

Books, periodicals. Stan. i instr. 33 no.11:43-41 N '62.

BIBLIOGRAPHY—MATHEMATICS

Aid to the young teachers of eight-year schools, preparatory literature for the coming school year L. M Volov. Mat v shkole no.4,70-72 Jl-Ag '62

BIBLIOGRAPHY—MEASURING INSTRUMENTS

From periodicals Izm. tekh. no.11-62-63 N '62.

BIBLIOGRAPHY—MECHANICAL ENGINEERING

Authors' abstracts of dissertations. Vest. mashinostr. 42 no.11:90 N '62.

New books. Vest. mashinostr. 42 no.11:91-92 N '62.

Review of foreign periodicals. Vest. mashinostr. 42 no.11:93-94 N '62.

BIBLIOGRAPHY—MEDICINE

Books from the World Health Organization. Sov. med. 26 no.7:3 of cover Jl '62.

[Information bulletin of new foreign books, received by the Lenin Library, Series 2: Biological, Medical, and Agricultural Sciences] Inform. biul. nov. inostr. knig, postup. v Bibl. im. V. I. Len. Ser. 2: Biol., med. i sel'-khoz. nauki 5 nos.32-35 N-D '62.

New books. Sov. zdrav. 21 no.8:80 '62.

New books. Sov. zdrav. 21 no.8:96 '62.

New books. Sov. med. 26 no.6:2-4 of cover Je '62.

New books. Zdrav. Kazakh. 22 no.6:4 of cover '62.

New books. Zdrav. Tadzh. 9 no.4:3 of cover Jl-Ag '62.

New books appearing in the Republic's Scientific Medical Library of the Ministry of Public Health of the White Russian S.S.R. Zdrav. Bel. 8 no.7:3 of cover Jl '62.

[New foreign books. Series V: Biology, medicine, agriculture] Nov. knigi za rub. Ser. V: Biol., med., sel'. khoz. 6 nos.11-12 N-D '62.

New medical literature. Zdrav. Turk 6 no.2 4 of cover Mi-Ap '62

State Publishing House for Medical Literature is preparing these books for 1963 publication. Sov. med. 26 no.10:3-4 of cover. O '62.

BIBLIOGRAPHY—METALS

New books. Metalloved. i term. obr. met. no.8 21, 34, 61 Ag '62

New books Metalloved. i term. obr. met no.11:3 of cover N '62.

BIBLIOGRAPHY—MICROBIOLOGY

Soviet literature on problems of microbiology, immunology, infectious diseases and epidemiology during the fourth quarter of 1959 Zhur. mikrobiol., epid. i immun. 32 no.12 131-140 D '61.

BIBLIOGRAPHY—MILITARY ART AND SCIENCE

Readers talk about books A. Savichev and others Voen. vest 42 no.5:126-127 My '62.

BIBLIOGRAPHY—MINE FIRES

New books Bezop. truda v prom. 6 no.6 34 Je '62.

BIBLIOGRAPHY—MOTION-PICTURE PHOTOGRAPHY

Filming and projection of motion pictures. Tekh. kino i telev. 6 no.11:79-81 N '62.

Filming and projecting of motion pictures Tekh kino i telev 6 no 12 78-80 D '62

BIBLIOGRAPHY—MOTION-PICTURE PHOTOGRAPHY—FILMS

Motion-picture film and its photographic processing. Tekh. kino i telev. 6 no.11:90-92 N '62.

Motion-Picture film and its photographic processing Tekh kino i telev 6 no 12:85 D '62.

BIBLIOGRAPHY—MOTION-PICTURE PROJECTION

Filming and projection of motion pictures. Tekh. kino i telev. 6 no.11:79-81 N '62.

Filming and projecting of motion pictures Tekh. kino i telev 6 no 12-79-80 D '62

BIBLIOGRAPHY—MUSIC

[Chronicle of musical literature] Let. muz. lit. no.4 '62.

BIBLIOGRAPHY—NEAR EAST—HISTORY, ANCIENT

Annotated bibliography of recent studies on the ancient East. Vest. drev. ist. no.4:165-173 '62.

BIBLIOGRAPHY—NEUROLOGY

New books. Zhur. nevr. i psikh. 62 no.6:4 of cover '62.

State Publishing House for Medical Literature announces the following editions for publication in 1962. Zhur. nevr. i psikh. 61 no.10:3 of cover '61.

BIBLIOGRAPHY—NONFERROUS METALS

New technical publications. TSvet. met. 35 no.7-93-96 Jl '62.

BIBLIOGRAPHY—NORTHERN WAR, 1700-1721

Leningrad. Artilleriiskii istoricheskii muzei. [Catalog of archival documents on the Northern War, 1700-1721] Katalog arkhivnykh dokumentov po Severnoi voine 1700-1721 gg. Leningrad, 1959. 433 p. (Katalogi Artilleriiskogo istoricheskogo muzeia)

BIBLIOGRAPHY—OPTICS

Optics and lighting engineering. Tekh. kino i telev. 6 no.11:83-88 N '62.

Optics and lighting engineering. Tekh. kino i telev 6 no.12:81-82 D '62.

BIBLIOGRAPHY—OREL PROVINCE

"The Kuban in Soviet belles lettres; a bibliography." "The Orel region in the works of its authors, a bibliography." Reviewed by E. N. Kabalkina, A. A. Kunina. Sov. bibl. no.5 58-60 '62.

Orel. Oblastnaia biblioteka. [Literature about Orel Province published in 1958] Literatura ob Orlovskoi oblasti 1958 god [Orel] Orlovskoe knizhnoe izd-vo, 1959. 107 p.

Orel. Oblastnaia biblioteka. [Literature about Orel Province, 1959] Literatura ob Orlovskoi oblasti, 1959 god. [Orel] Orlovskoe knizhnoe izd-vo, 1960. 114 p.

BIBLIOGRAPHY—ORTHOPEDIA

New books Ortop., travm. i protez. 23 no.6:74 My '62.

BIBLIOGRAPHY—PEDIATRICS

New books from the State Publishing House for Medical Literature. Vop. okh. mat. i det. 7 no.7:3 of cover Jl '62.

BIBLIOGRAPHY—PHILOSOPHY

[New foreign books on the social sciences; economics, philosophy, history, international relations] Nov. knigi za rub. po obshchestv. naukam; ekon., filos., ist., mezhdunar. otn. 5 nos. 11-12 N-D '62.

[New foreign literature on philosophy] Nov. inostr. lit. po filos. no. 6 '62.

[New Soviet literature on philosophy] Nov. sov. lit. po filos. no. 9 '62.

BIBLIOGRAPHY—PHOTOGRAPHY

Photography in the U. S. S. R. Sov. foto 22 no. 10:45 O '62

BIBLIOGRAPHY—PHYSICAL EDUCATION AND TRAINING

Defense of dissertations by associates and aspirants of the Central Research Institute of Physical Education. E. V. Popova. Teor. i prak. fiz. kul't. 25 no. 6 56-57 Je '62.

BIBLIOGRAPHY—PIONEERS (COMMUNIST YOUTH)

"All-Union Pioneer Organization, a bibliography" O. I. Levina. Sov. bibl. no. 5, 64 '62.

BIBLIOGRAPHY—PLANTS, PROTECTION OF

Bookshelf. R. I. Kirichkina. Zashch. rast. ot vred. i bol. 7 no. 3 63 Mr '62

Bookshelf. Zashch. rast. ot vred. i bol. 7 no. 5:50 My '62

Bookshelf. Zashch. rast. ot vred. i bol. 7 no. 7:20, 52 Jl '62

BIBLIOGRAPHY—POLITICAL SCIENCE

System of recommendatory bibliographical works on sociological and political subjects. R. M. Inglezi Sov. bibl. no. 5:30-39 '62.

BIBLIOGRAPHY—POLYMERS

"Journal of polymer science," No. 162, 1961. Vysokom. soed. 4 no. 9 1447-1454 S '62

New literature on polymer materials. Plast. massy no. 10 75-78 '62

BIBLIOGRAPHY—PUBLIC HEALTH

State Publishing House for Medical Literature announces its publications for 1962. Zhur. mikrobiol., epid. i immun. 32 no. 12:4 of cover D '61

BIBLIOGRAPHY—RADIO

New books. Radiotekhnika 17 no. 11 3 of cover N '62

BIBLIOGRAPHY—RAILROADS

From pages of foreign journals. Zhel. dor. transp. 44 no. 11 90-92 N '62.

BIBLIOGRAPHY—RAILROADS—SIGNALING

Books on automatic control, remote control, and communications. Avtom., telem. i svyaz' 6 no. 11: 48 N '62.

BIBLIOGRAPHY—RELIGION

[New Soviet and foreign literature on the problems of religion and atheism] Nov. sov. i inostr. lit. po vop. rel. i ateiz. nos. 6-7/8 '62.

BIBLIOGRAPHY—RUMANIA

[New literature on Rumania] Nov. lit. po Rum. no. 7 '62.

BIBLIOGRAPHY—RUSSIA—HISTORY

Bibliography of sources for the history of Soviet society. M. L. Itkin. Ist. arkh. 8 no. 1:226-229 Ja-F '62.

BIBLIOGRAPHY—RUSSIA—REVOLUTUON, 1917-1921

"Land of the Soviets during the civil war, 1918-1920; a bibliography" by E. N. Gorodetskii. Reviewed by M. E. Kireeva. Sov. bibl. no. 5:44-48 '62.

BIBLIOGRAPHY—RUSSIAN LANGUAGE

Methodology of the Russian language in local publications. G. K. Lidman-Orlova. Rus. iaz. v shkole 23 no. 5 106-

[Information bulletin of new foreign books, received by the Lenin Library. Series 1: Physical, mathematical, chemical, geological, and geographical sciences; technology and technological sciences] Inform. biul. nov. inostr. knig, postup. v Bibl. im. V. I. Len. Ser. 1: Fiz.-mat., khim. i geol.-geog. nauki; tekh. i tekh. nauki 7 nos. 33-36 N-D '62.

New books and articles. E. M. Braverman. Fiz. v shkole 22 no. 2:90-93 Mr-Ap '62.

[New foreign books. Series A: Mathematics, mechanics, astronomy, physics, geophysics, chemistry, geology] Nov. knigi za rub. Ser. A: Mat., mekh., astron., fiz., geofiz., khim., geol. 15 nos. 11-12 N-D '62.

Published by "Vysshaya Shkola." Vest. vys. shkoly 20 no. 11, 03 N '62.

BIBLIOGRAPHY—SERUM

Bibliographic index of published works completed by the scientific workers of the Tashkent Scientific Research Institute of Vaccines and Sera for a five year period (1954-1958). K. T. Berlland. Trudy TashNIIVS 6:281-293 '61.

BIBLIOGRAPHY—SHIPS—MAINTENANCE AND REPAIR

What captains and mechanics should read about ship maintenance and repair. Rech. transp. 21 no. 11 27-39 N '62

BIBLIOGRAPHY—SOCIAL SCIENCES

[Information bulletin of new foreign books, received by the Lenin Library. Series 3: Social sciences, belles-lettres, art] Inform. biul. nov. inostr. knig, postup. v Bibl. im. V. I. Len. Ser. 3 Obshchestv. nauki, khud. lit., isk. 5 nos. 31-33, 36 N-D '62.

BIBLIOGRAPHY—SOCIOLOGY

System of recommendatory bibliographical works on sociological and political subjects. R. M. Inglezi Sov. bibl. no. 5:30-39 '62.

BIBLIOGRAPHY—SOILS

Bibliography. Pochvovedenie no. 10:117-127 O '62.

BIBLIOGRAPHY—SOUND

Books, pamphlets, and author's abstracts on acoustics issued in 1961-1962. Akust. zhur. 8 no. 3:377-379 '62.

BIBLIOGRAPHY—SOUND—RECORDING AND REPRODUCING

Sound recording and reproducing. Tekh. kino i telev. 6 no. 11:88-90 N '62.

Sound recording and reproducing. Tekh. kino i telev. 6 no. 12:82-84 D '62.

BIBLIOGRAPHY—SPORTS

New books. Teor. i prak. fiz. kul't. 25 no. 6:40 Je '62.

BIBLIOGRAPHY—SURGERY

Dissertations on surgery and problems of allied specialties defended in 1958-1960. A. I. Nesterenko, M. I. Kamenskaia. Vest. khir. no. 6:132-140 '62.

BIBLIOGRAPHY—TEACHING

What to read on the inculcation of interest to education. H. Levko. Rad. shk. 11 no. 11:49-50 N '62

BIBLIOGRAPHY—TECHNOLOGICAL INNOVATIONS

In the world of science and technology; new developments in foreign countries. Prom. Arm. 5 no. 10:61-62 O '62.

In the world of science and technology; new developments in the U. S. S. R. Prom. Arm. 5 no. 10:59-61 O '62.

BIBLIOGRAPHY—TECHNOLOGY

[Information bulletin of new foreign books, received by the Lenin Library. Series 1: Physical, mathematical, chemical, geological, and geographical sciences; technology and technological sciences] Inform. biul. nov. inostr. knig, postup. v Bibl. im. V. I. Len. Ser. 1: Fiz.-mat., khim. i geol.-geog. nauki; tekh. i tekh. nauki 7 nos. 33-36 N-D '62.

New books and articles. E. M. Braverman. Fiz. v shkole 22 no. 3:90-93 Mr-Ap '62.

[New foreign books. Series B: Technology] Nov. knigi za rub. Ser. B: Tekh. 6 nos. 11-12 N-D '62.

"Technological bibliography in the U. S. S. R., a brief historical account" by D. IU. Teplov. Reviewed by V. B. Petrovskii, N. G. Starobinskaia. Sov. bibl. no. 5:49-54 '62.

BIBLIOGRAPHY—TELECOMMUNICATION

Bibliography. Elektrosviaz' 16 no. 11:77-78, 3 of cover N '62

BIBLIOGRAPHY—TELEVISION

Television. Tekh. kino i telev. 6 no. 11:81-83 N '62.

Television. Tekh. kino i telev. 6 no. 12:77-78 D '62.

BIBLIOGRAPHY—TEXTILE INDUSTRY

Information materials. Tekst. prom. 22 no. 11:93-96 N '62

New books. Izv. vys. ucheb. zav.; tekh. tekst. prom. no. 5:148 '62.

What to read on the economics of the textile and knit goods industry. Tekst. prom. 22 no. 11, 91-92 '62.

BIBLIOGRAPHY—TEXTILE INDUSTRY—EQUIPMENT AND SUPPLIES

Brief information on new developments in foreign technology. Tekst. prom. 22 no. 10:78-80 O '62.

BIBLIOGRAPHY—TEXTILE INDUSTRY—STUDY AND TEACHING

What to read on the training of specialists in the textile and knit goods industry. Tekst. prom. 22 no. 10, 89-90 O '62.

BIBLIOGRAPHY—TRANSPORTATION, AUTOMOTIVE

New books. Avt. transp. 10 no. 10:62 O '62.

BIBLIOGRAPHY—UKRAINE

"Lenin on the Ukraine" by V. P. Titarenko. Reviewed by N. I. Sakharov. Sov. bibl. no. 5:40-41 '62.

"V. I. Lenin on the Ukraine; a bibliographical guide" by V. P. Tytarenko. Reviewed by P. M. Shmorhun. Ukr. ist. zhur. 6 no. 4:120-130 Jl-Ag '62

BIBLIOGRAPHY—UNITED STATES

"Bibliography in the United States of America" Reviewed by A. N. Verevkina. Sov. bibl. no. 5:56-58 '62

BIBLIOGRAPHY—VACCINES

Bibliographic index of published works completed by the scientific workers of the Tashkent Scientific Research Institute of Vaccines and Sera for a five year period (1954-1958). K. T. Berlland. Trudy TashNIIVS 6:281-293 '61

BIBLIOGRAPHY—WATER, UNDERGROUND

G. N. Kamenskii's works. Trudy Lab. gidrogeol. probl. 40:139-141 '62.

BIBLIOGRAPHY—WELDING

Foreign publications on welding. Svar. proizv. no. 8: 47-48 Ag '62.

Soviet publications on welding. Svar. proizv. no. 8 47 Ag '62.

BIBLIOGRAPHY—YUGOSLAVIA

[New literature on Yugoslavia] Nov. lit. po IUg. nos. 7/8 '62.

BIBLIOGRAPHY (THEORY, METHODS, ETC.)

Verevkina, A. N. [How to compile a bibliography for a research work; practical suggestions] Kak oformit' bibliografiiu k nauchnoi rabote; metodicheskie ukazaniia. Moskva, Izd-vo Vses. knizhnoi palaty, 1962. 43 p.

BIG BUSINESS see subdivision under United States

BILE

Character of the bile secreting function of the liver in fasting. A. A. Sarkisian, S. A. Khachatrian. Trudy Erev. med. inst. no. 11:77-80 '60.

D. I. Fin'ko's reaction in the diagnosis of diseases of the liver, inflammation of the gall bladder and the biliary tract. V. B. Semenova. Trudy LSGMI no. 60 131-139 '61.

Effect of reserpine on bile secretion [with summary in English]. R. V. Rudyi. Farm. i toks. 24 no. 6:730-732 N-D '61.

Effect of vitamin B_{12} and choline on the phospholipids in the bile and its secretion in dogs with experimental liver dystrophy [with summary in English]. Z. F. Denisenko. Trudy LSGMI no. 60:139-146 '61.

BILE DUCTS—ABNORMITIES AND DEFORMITIES

Rare form of structure of the extrahepatic bile ducts. S. M. Red'ko. Vest. khir. no. 5:105-109 '62.

BILE DUCTS—SURGERY

Joining of the vesical duct with the right hepatic duct, anatomical studies. E. V. IAkubovskaia. Klin. khir. no. 6 56-59 Jl '62

Reconstruction of the bile ducts using an isolated intestinal loop in extensive strictures. Z. A. Topchiashvili. Sov. med. 26 no. 10:50-54 O '62.

Restorative operations on the bile ducts as revealed by data from the surgical clinic of the I. M. Sechenov 1st Moscow Medical Institute of the Order of Lenin for the past 50 years. N. V. Troian. Khirurgiia no. 12: 44-49 '61.

BILIARY TRACT—DISEASES

D. I. Fin'ko's reaction in the diagnosis of diseases of the liver, inflammation of the gall bladder and the biliary tract. V. B. Semenova. Trudy LSGMI no. 60:164-169 '61.

Method for examining patients with external biliary fistulae. S. D. Popov. Vest. khir. no. 5:88-91 '62

X-ray study of the action of arpenal in dyskinesias of the biliary tract [with summary in English]. V. N. Okunevich. Trudy LSGMI no. 69:168-178 '61.

X-ray study of the action of fubromegan in dyskinesias of the biliary tract [with summary in English]. V. N. Okunevich. Trudy LSGMI no. 69:160-167 '61.

Unusual reconstructive operation in biliary fistula. T. A. Grasnik. Vest. khir. no. 5:107-108 '62.

BILIRUBIN

Significance of the fractional determination of bilirubin by the paper chromatography method in acute and chronic liver lesions [with summary in English]. Z. D. Shvartsman. Trudy LSGMI no. 60:31-44 '61.

BIMETAL see Laminated metals

BINARY STARS see Stars, Double

BINDING MATERIALS
Ways of improving the technology of alm production. Kh.Geyorkian, L.Zakharov, O.Martirosian. Prom. Arm. 5 no.10 21-24 O '62.

BINDONE
Nitro- and chloronitrobindones. R.A.Zhagat, G.IA. Vanag. Zhur.ob.khim. 32 no.11:3627-3630 N '62.

BIOCHEMISTRY
Achievements of contemporary biochemistry and medicine R.V.Chagovets Vrach.delo no.8,3-9 Ag '62
Clinical biochemistry. A.V.Sigrist. Vop med khim 8 no.1,95-99 Ja-F '62.
Decisions of the March Plenum of the Central Committee of the CPSU and the tasks of Soviet biochemistry Biokhimiia 27 no 4 577-582 Jl-Ag '62
Konovalov, S.A. [Biochemistry of yeast] Biokhimiia drozhzhei. Moskva, Pishchepromizdat, 1962. 268 p

BIOCHEMISTRY—ABSTRACTS
[Chemistry Biological chemistry] Ref.zhur.: Khim.; biol.khim. nos.22-23 N '62.

BIOCHEMISTRY—CONGRESSES
Fifth International Biochemical Congress V.S.Tongur, S.V.Shestakov. Vop med.khim. 8 no 1:100-108 Ja-F '62.
Fifth International Congress of Biochemists (Moscow). V.M.Kushko. Sov.med 26 no 6:115-118 Je '62.

BIOENERGETICS
Energetic foundations of the problem of biological productivity. V.S.Ivlev. Vop.ekol. 4:27-28 '62.
The energy principle in studying the productivity and trophic relations in ecosystems. G.G.Vinberg. Vop. ekol. 4 13-15 '62.

BIOGRAPHY—BIBLIOGRAPHY see Bibliography—Biography

BIOLOGICAL RESEARCH
Banina, N.N. [K.F.Kessler and his role in the development of biology in Russia] K.F.Kessler i ego rol' v razvitii biologii v Rossii. Moskva, Izd-vo Akad. nauk SSSR, 1962. 139 p (Nauchno-biograficheskaia serila)

BIOLOGY
[Collection of works on biology, 1960] Biologicheskii sbornik 1960 g. Irkutsk, Vostochno-Sibirskoe otd-nie geogr. ob-va SSSR, 1961. 285 p. [MICROFILM]
Fursov, V.I. [Introduction to biology] Vvedenie v biologiiu. Pod red G.G.Vinberga. Minsk, Izd-vo M-va vysshego, srednego spetsial'nogo i professional'nogo obrazovaniia BSSR, 1962. 268 p.
Osipovskii, A.I., and T.N.Ulissova. [Textbook of biology] Uchebnik biologii. Moskva, Medgiz, 1962. 298 p.

BIOLOGY—ABSTRACTS
[Biology] Ref.zhur.: Biol. no.23 D '62.

BIOLOGY—BIBLIOGRAPHY see Bibliography—Biology

BIOLOGY—RESEARCH see Biological research

BIOLOGY—STUDY AND TEACHING
How to combine biology classwork in the fourth grade with industrial training R Ilateko Nar obr no.10 43-50 O '62.
Russia (1917- R.S.F.S.R.) Ministerstvo prosveshcheniia. [Programs for grades 5-8 of evening (staggered) secondary general schools; biology] Programmy V-VIII klassov vechernei (smennoi) srednei obshcheobrazovatel'noi shkoly; biologiia. Moskva, Uchpedgiz, 1961. 36 p.

BIOMES see Biotic communities

BIOMETRY
Application of variational statistical indices in the investigation of some problems of variability in fish populations. F.A.Turdakov. Vop.ekol. 4:152-153 '62.

BIOPHYSICS
M.V.Lomonosov and biophysics. IU.N.Poltanskii. Biofizika 7 no.4:493-500 '62.

BIOSYNTHESIS
Localization and sources of trehalose biosynthesis in the organism of the oak silkworm. T.A Egorova, A.N Smolin. Dokl.AN SSSR 147 no.1:224-226 N '62

BIOTIC COMMUNITIES
(see also subdivision under Kshtut Valley)
Basic biocoenosis and its possible role in biogeography. V.E.Martino. Vop.ekol. 4:51 '62.
Content of the conception "biocoenosis" in contemporary ecology. G.A.Viktorov. Vop.ekol. 4:12-13 '62.
The energy principle in studying the productivity and trophic relations in ecosystems. G.G.Vinberg. Vop. ekol. 4:13-15 '62.
Some basic ecologic conceptions applied to the theory of biocoenosis K.V.Arnol'di, L.V.Arnol'di. Vop.ekol. 4 6-9 '62

BIOTITE
Electron diffraction data on the structure of phlogopite-biotite P.B.Zvlagin, K.S.Mishchenko Kristallografiia 7 no 1,623-627 Jl-Ag '62

BIRCH
(see also subdivision under Il'men' Preserve)
Effect of soil conditions and the age of roots on the anatomic and physiological characteristics of the active part of root systems in spruce (Picea excelsa) and birch (Betula pubescens). L.N Zgurovskaia Trudy Inst lesa i drev 53 136-163 '62.

BIRDBANDING see subdivision under Bashkir Preserve

BIRDS see subdivision under Kshtut Valley, Moscow region; Rang-Kul' region, Ukraine

BIRDS—ANATOMY
Comparative study of the growth of the brain and eyes of wild birds. N.A.Mamilova. Dokl.AN SSSR 146 no.4:963-966 O '62.

BIRDS—BEHAVIOR
Role of the factor of anxiety in the ecology of animals and birds [with summary in English] P.B.Urgenson. Zool zhur 41 no 7,1056-1060 Jl '62.

BIRDS—CLASSIFICATION
Principles and methods of ecologic classification of birds and the experience in such classification. L.P. Pozdnanin. Vop.ekol. 4,141-142 '62.

BIRDS—EGGS AND NESTS
Nesting of the pelican Pelecanus crispus Bruch. on Lake Manych-Gudilo [with summary in English]. V.A Minoranskii Zool zhur. 41 no 7:1107-1108 Jl '62.
"Traveling nests" by B. Rzhevskii. Reviewed by V.Sitnokov Un.nat no.10 21 O '62

BIRDS—EMBRYOLOGY see Embryology—Birds

BIRDS—FOOD see subdivision under Tien Shan

BIRDS AS CARRIERS OF DISEASE
Birds as a factor contributing to the expansion of the range of some species of ectoparasites [with summary in English]. V.M Gusev. Zool. zhur 41 no.7:1051-1066 Jl '62

BIRDS OF PREY see subdivision under Siberia, Zeravshan Valley

BIRILLO, I.A., 1900-1945
Patriotic and scientific achievements of surgeon, I.A. Birillo (1900-1945). M.K Kuz'min Sov med. 26 no.6:143-141 Je '62.

BISMUTH
Formation of the isotopes At^{209} and At^{207} by bombarding bismuth and lead with high-energy protons [with summary in English] B.N Belisev and others Zhur. eksp i teor fiz 43 no 4 1129-1134 O '62

BISMUTH—METALLURGY
Recovery of bismuth from concentrates by sublimation in vacuum. V.N.Nesterov and others. Trudy Inst. met.i obog AN Kazakh.SSR 5:77-81 '62.

BISMUTH CHLORIDE—ELECTRIC PROPERTIES
Effect of thorium on the electrode potentials of bismuth in molten alkali metal chlorides I.F.Nichkov, O.A Ryzhik, S.P.Raspopin. Izv.vys.ucheb.zav.,tsvet. met. 5 no.3 113-116 '62.

BISTROM, K.I d. 1839
Hero of Borodino L.Bilenko, IU Martsevich Starsh - serzh no 9,20 S '62

BLACK FLIES see subdivision under Karelia; Murmansk Province

BLACK LANDS see Chernyye Zemli

BLACK-LEAD see Graphite

BLACK SCAB see Potato wart

BLACK SEA—ROCKLING
Some data on the sense of smell of the rockling Gaidropsarus mediterraneus (L.) and its role in finding food. D.S.Pavlov. Vop.ikht. 2 no.2:361-368 '62.

BLACK SEA—SEASIDE RESORTS
Significance of winds in the Black Sea in the proper organization and operation of seaside resorts. L.N. Kropachev, A.K.Bogdanova. Vop.kur., fizioter.i lech. fiz.kul't. 27 no.2 159-162 Mr-Ap '62.

BLACK SEA—WINDS
Significance of winds in the Black Sea in the proper organization and operation of seaside resorts. L.N. Kropachev, A.K.Bogdanova. Vop.kur., fizioter.i lech. fiz.kul't. 27 no.2:159-162 Mr-Ap '62.

BLACK SEA REGION—COINS, GREEK
Coins of the rulers of the western part of Pontus found in the northern Black Sea region. P.O.Karyshkovskii. Sov.arkheol. 6 no.4:49-58 '62.

BLACK SEA REGION—GRAFFITI
"Sarmatian graffiti from the northern part of the Caspian Sea Region" by P.I.Solomonik. Reviewed by G.F Turchaninov, V.S.Drachuk. Sov.arkheol. 6 no 4 252-256 '62.

BLACK SEA REGION—SARMATIANS
"Sarmatian graffiti from the northern part of the Caspian Sea Region" by P.I.Solomonik. Reviewed by G.F. Turchaninov, V.S.Drachuk Sov arkheol. 6 no. 1. 252-256 '62.

BLADDER—CALCULUS see Calculi, Urinary

BLADDER—CANCER
Radiotherapy of cancer of the bladder [with summary in English] A.V Kozlova, IU.Kh Sarkisian Med rad 7 no.7.11-17 Jl '62.
Technic of resection of the bladder for cancer [with summary in English]. B.L.Polonskii. Urologiia no.1:60-63 '62.

BLADDER—DISEASES
Treatment of neurosis of the bladder by the intranasal administration of novocaine. B Solomiak Izv. AN Latv.SSR no 7 123-127 '62.

BLADDER—DISPLACEMENT
Ectopia of the bladder and ureter. L.A.Khanin, P.I. Kononidi. Zdrav.Bel. 8 no.7:56-57 Jl '62.

BLADDER—EXPLORATION
Sphincterometry and aerial cystography as diagnostic methods for urinary incontinence in women. L.I Obodynskaia. Urologiia 27 no 4 36-40 Jl-Ag '62.

BLADDER—HERNIA
Sliding obturative hernia of the bladder. P.A. Milanov. Vest. khir. no 5 108-109 '62.

BLADDER-WORM see Hydatids

BLADDERY FEVER see Pemphigus

BLAKE, WILLIAM, 1757-1827
Nekrasova, E.A. [Works of William Blake] Tvorchestvo Uil'iama Bleika. [Moskva] Izd-vo Mosk. univ., 1962. 181 p. illus.

BLAST FURNACES
(see also subdivision under Dneprodzerzhinsk, Nizhniy Tagil; United States)
Achievements in blast furnace production in the U.S.S.R during 45 years of Soviet government P.I.Korchov Stal' 22 no.11 965-968 N '62.
Blast furnace smelting of a charge with partial removal of fines before charging into the furnace. A.A.Pefanov, V.K.Dunnov, G.G.Pashkeev. Stal' 22 no.9 783-785 S '62.
Centralized control in blast furnace plants with complete automation of the industry. I.D. Moshkevich, Kh.P Zaitsev. Stal' 22 no.11 1048-1050 N '62
Charge and gas pressure in blast furnaces N.N.Babarykin Stal' 22 no 9 777-782 S '62.
Gas composition in the hearth of a blast furnace operating on natural gas and an ordinary blow. Z.I.Nekrasov, F.N.Moskalina. Stal' 22 no.9 773-776 S '62.
Investigating the process of blast furnace smelting for the production of nickel matte. G.P.Vlatkin, M.IA. Ostroukhov. [Sbor.trud.] Nauch.-issl.inst.met. no. 5 71-81 '61.

BLAST FURNACES—CONGRESSES
Conference on the design of operating blast furnaces with a capacity of 2000 m^3. N.K Leonidov, E.V Kochinev Stal' 22 no 9 788-790 S '62
In the section on the "Acceleration of the blast furnace process." A.A.Shilov. Met.i gornorud.prom. no.2. 79-80 Mr-Ap '62.

BLAST FURNACES—DESIGN AND CONSTRUCTION
Blast furnace with a capacity of 2700 m^3. N.K Leonidov Stal' 22 no 11 972-980 N '62.
Expansion of blast furnace construction in the U.S.S.R N.K Leonidov Stal' 22 no.11 966-971 N '62

BLAST FURNACES—EQUIPMENT AND SUPPLIES
Automatic pouring of cast iron by blast furnace pouring machines. L.S.Pinchuk and others. [Sbor.trud.] Nauch.-issl.inst.met. no.4:164-167 '61.
Experimental data on the useful life of main parts of a blast furnace charging arrangement. G.G.Grigor'ev and others. Izv.vys.ucheb.zav., chern.met. 5 no.10:180-188 '62.
Technical and economic indices of blast furnace operations with large-size coke. I.S.Kagan, T.A.Otroshchenko, A.M.Lapa. Izv.vys.ucheb.zav.; chern. met. 5 no.10:199-205 '62.

BLAST FURNACES—TESTING
Experimental blast furnace smelting using coke from wet preparation coals. M.IA.Ostroukhov, S.I.Panchenko. [Sbor.trud.] Nauch.-issl.inst.met. no.4:83-70 '61.

BLASTING
(see also subdivision under Artemovsk Province, Krivoy Rog Basin; Uchaly region)
Conference on blasting M.M.Chesnokov. Gor.zhur. no.12:60-62 D '62

Liakhov, G. M., and G. I. Pokrovskii. [Blast waves in the ground] Vzryvnye volny v gruntakh. Moskva, Gosgortekhizdat, 1962. 101 p.

Loosening of the coal block with the water-infusion blasting system in the hydraulic mining of anthracite. L. G. Semenov, L. E. Bitiukov. Ugol' Ukr. 6 no. 8 15-17 Ag '62.

Readers' response to G. G. Akhverdov, I. T. Manzhula, and D. I. Vaulin's article "Increasing the efficiency of boring and blasting operations in placing the primer closest to the bottom of the borehole." Gor. zhur. no. 6, 17 Je '62.

Relation between the dominant frequencies in blasting and the size of the charge. I. L. Nersesov, A. V. Nikolaev. Trudy Inst. fiz. Zem. no. 25 95-100 '62.

Some features of breaking ore in "compression." A. N. Ovsiannikov. Izv. vys. ucheb. zav., gor. zhur. 5 no. 10 27-32 '62.

State of strain in pillars and blocks of untouched ore caused by the action of blasting. V. V. Mishin. Gor. zhur. no. 6 40-42 Je '62.

Use of paired blastholes in open-pit workings. G. I. Tolkushev. Izv. vys. ucheb. zav., gor. zhur. 5 no. 9 61-64 '62.

Using deep boreholes for breaking ore in the Sumsar Mine. V. A. Shestakov and others. Gor. zhur. no. 12 8-10 D '62.

Using the elastic waves from commercial blasting in the Urals for sounding the earth's core. N. I. Khalevin, F. F. Umnov. Izv. AN SSSR. Ser. geofiz. no. 11; 1567-1573 N '62.

Using the tensiometric method to determine deformations in a massif in blasting. G. V. Kuznetsov and others. Izv. vys. ucheb. zav., gor. zhur. 5 no. 9 57-60 '62.

Using three-phase current in blasting. R. IA. Strausman. Bezop. truda v prom. 6 no. 8 8-10 Je '62.

BLASTING—BIBLIOGRAPHY see Bibliography—Blasting

BLASTING—EQUIPMENT AND SUPPLIES
(see also subdivision under Czechoslovakia; Degtyarka region)

Apparatus for charging and stemming boreholes in open pits. A. G. Fecherkin. Gor. zhur. no. 6, 54-55 Je '62.

Ostroushko, I. A., and others. [Mechanization of blasting; mechanization of loading and stemming blast holes and mine chambers] Mekhanizatsiia vzryvnykh rabot, mekhanizatsiia zaryazhenia i zabolki shpurov, vzryvnykh skvazhin i minnykh kamer. Moskva, Gosgortekhizdat, 1962. 127 p.

BLASTING—SAFETY MEASURES

Efficiency of water curtains for directed protection against the air wave impact. V. I. Kravets and others. Ugol' Ukr. 6 no. 5 38-41 My '62.

BLEEDING see Hemorrhage

BLIND, LIBRARIES FOR THE see subdivision under Sverdlovsk

BLIND SPOT

Change in the blind spot in glaucoma under the influence of time and situation as conditioned stimuli. A. M. Repnikova. Trudy Turk. nauch.-issl. trakh. inst. 6, 117-121 '60.

BLINDS

Awnings. E. Spiharova, V. Dzugaev. Stroi. i arkhit. 10 no. 10 13-15 O '62.

BLOK, ALEKSANDR ALEKSANDROVICH, 1880-1921

Orlov, V. N. [Aleksandr Blok's poem "The Twelve"; a page from the history of Soviet literature] Poema Aleksandra Bloka "Dvenadtsat'"; stranitsa iz istorii sovetskoi literatury. Moskva, Goslitizdat, 1962. 189 p.

BLOOD—AGGLUTINATION

Preparation of anti-Le^a and anti-Le^b heteroisomune hemagglutinating sera. L. K. Arzheiss. Sud.-med. ekspert. 5 no. 4; 37-42 O-D '62.

BLOOD—ANALYSIS AND CHEMISTRY

Umnusov, A. IU. [Physiology of the blood in man and animals in a hot climate] Fiziologiia krovi cheloveka i zhivotnykh v zharkom klimate. Tashkent, Medgiz, UzSSR, 1961. 207 p.

Studying the blood picture as one of the additional methods of ecologic research. L. A. Salganskaia. Vop. ekol. 4:142-143 '62.

BLOOD—CIRCULATION

Dependence of sports achievements on respiration and blood circulation. A. P. Borisov. Teor. i prak. fiz. kul't. 25 no. 6; 27-30 Je '62.

Effect of physiological factors on the speed of blood circulation in sheep. I. M. Serafkin. Zhivotnovodstvo 23 no. 2 76-77 F '61.

Hemodynamic effect of surgical treatment of patent ductus arteriosus [with summary in English]. M. A. Abrikosova. Khirurgiia no. 1; 45-50 '62.

Interrelationship between the arterial oscillometric index and the temperature of skin [with summary in English]. P. Ozolins, R. Berginans, I. Bieiere. Izv. AN Latv. SSR no. 4 123-126 '62.

Some changes in hemodynamics and the cardiogram in rheumatism treated with ACTH and corticosteroids. M. K. Gordon. Zdravookhr. Bel. 8 no. 7 38-40 Jl '62.

Some protective and restorative reactions of the body in radiation sickness. N. K. Sviridov, F. G. Parfenova. Med. rad. 7 no. 7 89-90 Jl '62.

Thermal blood circulation index in acute pneumonia in infants [with summary in English]. T. P. Stepanova-Maslauskene, V. N. Gromova. Vop. okh. mat. i det. 7 no. 7; 19-23 Jl '62.

BLOOD—CIRCULATION, ARTIFICIAL

Role of pharmacological preparations in restoring cardiac function following prolonged anemia and cardiac arrest. IU. M. Gal'perin. Farmakologiia i toks. 24 no. 6; 744-748 N-D '61.

Use of a flow oxyhemometer of the PO-01 type in artificial circulation [with summary in English]. I. F. Sochivko, N. V. Volodina, V. M. Poletaeva. Vest. khir. 87 no. 11 38-40 N '61.

Use of a thromboelastogram in controlling the blood coagulation system in operations with artificial circulation [with summary in English]. L. V. Potashov. Vest. khir. 87 no. 11 31-37 N '61.

BLOOD—CIRCULATION, DISORDERS OF

Effect of synthophylline on Cheyne-Stokes respiration in circulatory insufficiency. G. O. Badalian. Trudy Erev. med. inst. no. 11; 251-255 '60.

Treatment of chronic circulatory insufficiency using cardiac glycosides of the digitalis and strophanthin types. T. S. Mnatsakanov. Trudy Erev. med. inst. no. 11; 197-204 '60.

BLOOD—COAGULATION

Change in the coagulation, anticoagulation and fibrinolytic systems of the blood in chronic hepatitis and cirrhosis of the liver [with summary in English]. IU. A. Smolova. Sov. med. 26 no. 7; 47-53 Jl '62.

Changes in some indices of the blood coagulation system during operations on the organs of the abdominal cavity. N. S. Khalabuda. Klin. khir. no. 8 42-45 Jl '62.

Dynamics of some coagulation indices during the process of dicumarin treatment [with summary in French]. N. A. Pisareva. Zhur. nevr. i psikh. 61 no. 10; 1489-1492 '61.

Indices of the blood coagulation process (fibrinogen, prothrombin, factor V and factor VII) in evaluating the functional state of the liver in Botkin's disease and cirrhosis [with summary in English]. I. V. Belova. Trudy LSGMI no. 69 45-51 '61.

BLOOD—DISEASES

Transfusion of blood and its components in blood system diseases under outpatient conditions. A. G. Poluboiarinova, T. L. Loduba. Probl. gemat. i perel. krovi no. 11; 36-37 '62.

BLOOD—EXAMINATION
(see also subdivision under Riga)

Blood changes in the early stages of hypertension. V. M. Avakian. Trudy Erev. med. inst. no. 11; 247-249 '60.

Change in hematological indexes in patients with latent and chronic brucellosis. T. G. Beglova. Trudy Inst. kraev. pat. AN Kazakh. SSR 12 170-174 '62.

Changes in the composition of the peripheral blood following a gastric circulatory disorder. V. S. Raitses. Vrach. delo no. 9; 83-85 Ag '62.

Leukemoid reactions of the eosinophilic type in children. I. M. Frankin. Probl. gemat. i perel. krovi no. 11; 21-23 '62.

Morphology of the blood in endarteritis obliterans. E. B. Babaian. Trudy Erev. med. inst. no. 11; 331-334 '60.

Some biochemical changes in the blood of patients suffering from endarteritis obliterans. G. A. Aslanian. Trudy Erev. med. inst. no. 11; 335-339 '60.

Using the method of acid erythrograms for early diagnosis of fish toxicoses. M. F. Govorova, M. M. Telitchenko. Biul. MOIP Otd. biol. 67 no. 3, 157-168 My-Je '62.

Viscosity of the blood in stomach resection. S. R. Lavaniuk. Klin. khir. no. 8 37-39 Jl '62.

BLOOD—OXYGEN CONTENT

Use of a flow oxyhemometer of the PO-01 type in artificial circulation [with summary in English]. I. F. Sochivko, N. V. Volodina, V. M. Poletaeva. Vest. khir. 87 no. 11; 38-40 N '61.

BLOOD—SEDIMENTATION

Erythrocyte and fractional erythrocyte sedimentation reactions in pneumonia in nursing infants [with summary in English]. V. D. Surkov. Vop. okh. mat. i det. 7 no. 7 27-31 Jl '62.

Fractional erythrocyte sedimentation reaction in the dynamics of the pathological process in pneumonia in children [with summary in English]. O. V. Emel'ianova. Vop. okh. mat. i det. 7 no. 7; 31-34 Jl '62.

BLOOD—TRANSFUSION

Transfusion of blood and its components in blood system diseases under outpatient conditions. A. G. Poluboiarinova, T. L. Loduba. Probl. gemat. i perel. krovi no. 11; 36-37 '62.

Treatment of dermatoses by blood transfusion. A. A. Kreichik, V. V. Vinnichenko. Vrach. delo no. 8; 140-142 Ag '62.

Use of hexonium for preventing posttransfusional reactions [with summary in English]. E. V. Kuleshov. Vrach. delo no. 8; 78-80 Ag '62.

BLOOD, GASES IN

Catalase activity of the blood in various gaseous media [with summary in English]. S. I. Krainev. Biokhimiia 27 no. 4 589-591 Jl-Ag '62.

Double manometric apparatus with a magnetic stirrer for the analysis of blood gases [with summary in English]. G. V. Derviz, I. M. Mogilel, R. E. Kimeral. Vop. med. khim. 8 no. 1; 87-92 Ja-F '62.

BLOOD AS FOOD OR MEDICINE

Treatment of trophic ulcers of the lower extremities with hemo-novocaine blocks combined with an adhesive plaster bandage. M. S. Chikun. Zdrav. Bel. 7 no. 11 47-49 N '61.

BLOOD CELLS

Biochemical characteristics of some blood cells in the light of the concept of so-called cancer metabolism. I. F. Seits. Vop. onk. 8 no. 6 105-111 '62.

BLOOD PLATELETS

Effect of prophylactic stimulation of thrombocytopiesis on the development of a hemorrhagic syndrome during the action of ionizing radiation [with summary in English]. N. V. Trunkunova. Med. rad. 7 no. 7; 45-50 Jl '62.

BLOOD PRESSURE

Blood pressure indices during operations on the organs of the abdominal cavity. L. F. Pshenichnova. Zdrav. Turk. 6 no. 2 17-20 Mr-Ap '62.

Continuous registration of the blood pressure in wakeful experimental animals [with summary in English]. K. Kálmán, Thuránszky. Biul. eksp. biol. i med. 54 no. 7; 99-102 Jl '62.

Effect of physical stress on the level of arterial pressure in patients subjected to therapy with ionizing radiators [with summary in English]. A. V. Mikhvetadze. Med. rad. 7 no. 7 34-38 Jl '62.

Normal indexes of the caliber of the retinal blood vessels and of the diastolic pressure in the central retinal artery in practically healthy subjects [with summary in English]. E. S. Kotova. Vest. oft. no. 1 78-83 '62.

Preoperative treatment of patients with mitral stenosis with reserpine and its effect on the arterial pressure during anesthesia [with summary in English]. L. S. Golubev, S. M. Zol'nikov, V. A. Kovanov. Khirurgiia no. 1 50-57 '62.

"Zero" minimum pressure in infants in bronchopneumonia [with summary in English]. A. N. Karlova. Vop. okh. mat. i det. 7 no. 7; 23-27 Jl '62.

BLOOD PRESSURE, HIGH see Hypertension

BLOOD PROTEINS

Amount of sulfhydryl compounds in separate fractions of serum proteins in patients with liver cirrhosis, cholecystitis, and nephritis [with summary in English]. Vop. med. khim. 8 no. 1; 53-58 Ja-F '62.

Blood serum proteins in patients with chronic brucellosis. IU. M. Levanov, R. N. Matveeva. Trudy Inst. kraev. pat. AN Kazakh. SSR 12 231-235 '62.

Blood serum proteins in some diseases of the central nervous system [with summary in French]. I. N. Bauman. Zhur. nevr. i psikh. 62 no. 8; 833-839 '62.

Change in the amount of blood protein fractions in weight lifters following training stress during the period of reconstruction. P. M. Babarin, D. A. Chibichi'ian. Teor. i prak. fiz. kul't. 25 no. 8; 62-64 Ag '62.

Changes in the protein fractions, lipo- and glycoproteins in the blood serum in epidemic hepatitis (Botkin's disease) [with summary in English]. N. A. Zaslavskaia. Trudy LSGMI no. 69; 21-30 '61.

Electrophoretic investigation of blood plasma proteins in codfish. K. M. Khailov. Trudy MMBI no. 4; 202-207 '62.

Electrophoretic studies on blood proteins in tuberculous disorders of the eye [with summary in English]. M. D. Kovalenko. Vest. oft. no. 1; 38-44 '62.

Fractional composition of blood proteins and the insulin effect; the problem of the sensitivity of rabbits to insulin [with summary in English]. S. V. Zakharov. Probl. endok. i gorm. 8 no. 4; 10-16 Jl-Ag '62.

Materials on the study of the mechanism of the effect of triethylene thiophosphoramide (Thio-TEPA) on animals. the effect of small doses of Thio-TEPA on the protein composition of the blood serum in rabbits. G. Margina. Izv. AN Latv. SSR no. 7; 91-99 '62.

Protein function of the liver in the toxicoses of pregnancy [in Armenian with summary in Russian]. S. M. Gevorkian. Izv. AN Arm. SSR, Biol. nauki 15 no. 9; 47-56 S '62.

Quantity of proteins, potassium and calcium in the blood serum in patients with bronchial asthma [with summary in English]. G. Kh. Lazidi. Vop. med. khim. 8 no. 1 30-34 Ja-F '62.

Study of the protein fractions of an antidotal serum against Vipera lebetina poison. B. A. Vasil'ev. Trudy TashNIIVS 6; 33-41 '61.

BLOOD VESSELS

Effect of hot weather on vascular tone. V. A. Zarubin. Vop. kur., fizioter. i lech. fiz. kul't. 27 no. 2; 103-109 Mr-Ap '62.

State of arterial and venous tonus in various diseases. V. A. Zarubin. Vrach. delo no. 8; 48-52 Ag '62.

BLOOD VESSELS—DISEASES

"Diseases of the blood vessels of the lower extremities and their treatment," Reviewed by L S Soskin, Sov med, 26 no 6:154-157 Je '62.

Kurshakov, N.A. [Allergic diseases of the peripheral vessels] Allergicheskie zabolevaniia perifericheskikh sosudov. Moskva, Medgiz, 1962. 111 p. (DNLM)

BLOOD VESSELS—PERMEABILITY

State of vascular permeability in rheumatism. G.L Darbinian. Trudy Erev. med. inst. no.11:205-209 '60.

BLOOD VESSELS—RADIOGRAPHY see Angiography

BLOOD VESSELS—SURGERY

Adequacy of vascular organic anastomoses, experimental studies M. Ashrapova Klin khir no 8:59-62 Jl '62

Current status of vascular surgery. B.V. Petrovskii, V.S. Krylov. Sov. med 26 no 10:3-9 O '62.

BLOOD VOLUME

Determining the minute volume of the heart by means of catheterization in acquired heart defects. V.E. Dashkovskii. Vrach delo no 8:60-63 Ag '62.

BLOW-FLIES

Determining the weight of the blowfly Calliphora erythrocephala Mg. by the weight of its pupae. O.V. Viktorov-Nabokov. Vop.ekol 1:95-96 '62.

BOARDING SCHOOLS

(see also subdivision under Ukraine)

Osypenko, O.S. [For our children] Dlia nashykh ditei. L'viv, Knyzhkovo-zhurnal'ne vyd-vo, 1960. 42 p.

Zalikin, G.A. [Health education of students in boarding schools] Gigienicheskoe vospitanie uchashchikhsia v shkolakh-internatakh; posobie dlia uchitelei i vospitatelei shkol-internatov. Moskva, Uchpedgiz, 1962. 133 p.

BOARDING SCHOOLS—CONGRESSES

Conference of the boarding school workers. Nar. obr. no. 12,129 D '62

BOARS see subdivision under Kirov Province

BOATS AND BOATING

Soiuz sportivnykh obshchestv i organizatsii SSSR. Tsentral'nyi sovet. [Regulations for classification, building and measurements of sports sailboats and iceboats adopted in the U.S.S.R., effective January, 1963] Pravila klassifikatsii, postroiki i obmera sportivnykh parusnykh sudov i buerov, priniatykh v SSSR (deistvitel'ny po 1 ianvaria 1963 g. Moskva, 1960. 103 p.

BOBRKA DISTRICT—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

Petriv, I.M. [Inviting lights of home] Na domashnii vohnyk. L'viv, Knyzhkovo-zhurnal'ne vyd-vo, 1962. 14 p. (Nazustrich vyboram do Verkhovnoi Rady SRSR)

BOBRUYSK—MACHINERY INDUSTRY

Plant manufacturing nonstandard equipment for automatic transportation units. M. Basin. Avt. transp. 40 no. 10:55-56 O '62.

BOBRUYSK—TRANSPORTATION, AUTOMOTIVE

Power of competition. G. Kriuchkov, L. Kopych. Avt. transp. 40 no. 10:3 O '62.

BODAYBO—MASSACRE, 1912

"My reminiscences about the events of 1912 in the Lena Valley" by M.I. Lebedev. Reviewed by R.IA. Zverev. Vop. ist. KPSS 6 no. 6:195-197 '62.

Reactions to Lena Valley events in Russia. L.M. Shalaginova. Ist. arkh. 8 no. 1 176-185 Ja-F '62.

BODY, HUMAN see Anatomy, Human

BODY TEMPERATURE

Heat exchange in workers in the ground shops of commercial laundries. L.V. Kuvshinova. Trudy LSGMI no. 68: 76-85 '01.

Interrelationship between the arterial oscillometric index and the temperature of skin [with summary in English]. P. Ozolina, R. Bergmane, I. Bieziere Izv. AN Latv. SSR no. 4 123-126 '62.

Thermal blood circulation index in acute pneumonia in infants [with summary in English]. T.P. Stepanova-Maslauskene, V.N. Gromova. Vop. okh. mat. i det. 7 no. 7:19-23 Jl '62.

BODY TEMPERATURE—REGULATION

Change in the type of respiration as a means of the adaptation of homoiothermic animals to the temperature of the environment. S.P. Maslov. Vop. ekol. 4:51-53 '62.

BOGATOV—OILS AND FATS

Modernization of the ND-1000 oil-extraction line. N.M Stepanov, L.N. Lashko. Masl. zhir. prom. 28 no. 7: 32-33 Jl '62.

BOGDANOV, NIKOLAI

"One of the first"; a tale by Nikolai Bogdanov. Reviewed by G. Pavlov. Oktiabr' 38 no. 6:227 Je '62.

BOGODUKHOV DISTRICT—BEEF CATTLE—FEEDING AND FEEDS

Organization of farms specialized in meat production in the vicinity of sugar refineries. S.I. Kutikov, V.I. Olesnik. Zhivotnovodstvo 23 no. 2:26-32 F '61.

BOHEMIA—LAW

"Master Victorinus Cornelius of Vyssehrad and the further development of Czech law" [in Czech] by B. Vaneček. Reviewed by A.S. Mylnikov. Izv. vys. ucheb. zav., prav. 6 no. 3 178-180 '62.

BOILERS

(see also subdivision under Komi A.S.S.R.)

Automatic control systems for the heating boilers I.B Sigalov Bezop truda v prom. 6 no 6 20-21 Je '62.

Experimental determination of tube plates strength loss coefficient. A.IA. Gogolev. Energomashinostroenie 8 no. 10:38-39 O '62.

Results of the study of the thermal operation of a horned ignition belt. A.L. Bychkovskii. Energomashinostroenie 8 no. 10:14-18 O '62.

Scientific technical conference on the automation of heating-boiler rooms and the standardization of automatic control devices L.A. Nikolaeva. Bezop truda v prom 6 no. 6 36-37 Je '62

Shortcomings in the operation of VGD boilers O.M. Zabelin. Bezop. truda v prom. 6 no 6 33 Je '62

BOILERS, MARINE

Gol'denfon, A.K., and L.A. Babadzhanian. [Performance and operation of marine boilers] Rabochie protsessy i ekspluatatsiia sudovykh kotlov Leningrad, Sudpromgiz, 1962. 423 p.

BOILERS, MARINE—HANDBOOKS, MANUALS, ETC.

Falyushovich, V.M., and others. [Boiler operator's manual] Uchebnik kotel'nogo mashinista. Leningrad, Izd-vo "Morskoi transport," 1962. 505 p.

BOLIVIA—ECONOMIC CONDITIONS

In Bolivia, travel notes. I. Rybakin. Nov. vrem 38 no 47 26-28 N '62.

BOLLWORM see subdivision under Azerbaijan, Tashkent Province

BOLLWORM—BIOLOGICAL CONTROL see subdivision under Azerbaijan

BOLOGOYE LAKE REGION—CITIES AND TOWNS, RUINED, EXTINCT, ETC.

The ancient site of Bologoye. P.N. Tret'iakov. Krat. soob. Inst. arkheol. no. 87:36-41 '62.

BOL'SHAYA BELAYA VALLEY (SAYAN MOUNTAINS)—GOLD ORES

Gold mineralization in the region of the middle Bol'shaya Belaya River in the Eastern Sayan Mountains P.D. IAkovlev. Sov geol 5 no. 6 131-136 Je '62

BOL'SHAYA MURTA DISTRICT—STONE AGE

New paleolithic site in the Yenisey Valley. V.A. Zubakov Informabor VSEGEI no 52:113-120 '62

BOL'SHAYA SYNYA VALLEY—PALYNOLOGY

Triassic sediments in the Bol'shaya Synya basin (southern part of the Pechora coal basin). F.I. Entsova. Mat. po geol. i pol. iskop. Sev.-Vost. Evrop. chasti SSSR no. 2 42-46 '62.

BOLSHEVISM see Communism

BOL'SHOY TATKUL', LAKE—FRESHWATER FLORA

Water plants in the Lakes Bol'shoye Miassovo and Bol'shoy Tatkul'. K.V. Gornovskii. Trudy Il'm. gos. zap. no. 8:57-81 '61.

BOL'SHOYE MIASSOVO, LAKE—FRESHWATER FLORA

Water plants in the Lakes Bol'shoye Miassovo and Bol'shoy Tatkul', K.V. Gornovskii. Trudy Il'm. gos. zap. no. 8:57-81 '61.

BOLTS AND NUTS—TESTING

Determining the resistance of bolts by the method of step-by-step increasing stresses. V.M. Rydchenko. Izv. vys. ucheb. zav., mashinostr. no. 6:146-152 '62.

BOMBARDMENT WITH PARTICLES see Collisions (Nuclear physics)

BONDS, CHEMICAL see Chemical bonds

BONE CARVING

(see also subdivision under Oster, White Russia)

Souvenirs made of horn and bone. Prom. Arm. 5 no. 10: 36 O '62.

BONE MARROW see Marrow

BONES

Comparative anatomical, specific identification of bones in its forensic medical aspect. V.I. Pashkova. Sud.-med. ekspert. 5 no. 4:27-30 O-D '62.

BONES—TUBERCULOSIS

Conference on osteoarticular tuberculosis. V.I. Koshkin. Zdrav. Kazakh. 22 no. 6:72-74 '62.

Tuberculosis of the male genitalia in patients with osteoarticular tuberculosis [with summary in English]. N.I. Chuchelov. Vest. khir. 87 no. 11:87-91 N '61.

BONITO see subdivision under Barents Sea

BONUS SYSTEM

Increase the stimulating role of bonuses paid to engineering and technical workers and employees B. Gostev, V. Rzheshevskii. Plan khoz 38 no. 11:27-35 N '62.

Makalmov, A.A., and M.M. Chugreeva. [Technological progress and material self-interest] Tekhnicheskii progress i material'naia zainteresovannost'. [Moskva] Mosk. rabochii, 1962. 58 p.

A new system for monetary awards. Sel'. mekh no. 11 26-27 '62

A new system of paying bonuses in construction. IU. Pak. Ekon. stroi. no. 11 32-36 N '62.

Problems of paying bonuses in construction. Ekon. stroi. no. 11 53-61 N '62.

Procedures for paying bonuses for creating and introducing new machinery. M. Rabinovich. Bukhg. uchet 19 no. 10 53-61 O '62.

Simple method for calculating bonuses for line conductors. A. Artem'ev, M. Korf. Avt. transp. 40 no. 10: 35-37 O '62.

BOOKS—CONSERVATION AND RESTORATION

Not just something wrapped in cheesecloth N Vereshchagin Bibliotekar' no. 11 58-60 N '62

BOOKS—REVIEWS

Interesting and useful books. Rab. i sial 38 no. 11 20 N '62.

New books and pamphlets Komm. Uz. 31 no 5 94-96 My '62

Recommended books. Komm. Bel. 36 no. 10:60 O '62.

BOOKSELLERS AND BOOKSELLING

(see also subdivision under Kopeysk; Leningrad; Nizhniy Tagil, Orekhovo-Zuyevo, Uzbekistan)

After the Kiev Fair F Rubinshtein Sov knizh torg 14 no 9 22-23 '62

Buy books at school A Korotaev Sov knizh torg 14 no 9 26 '62

Community participation in bookselling. F. Tishin. Sov. potreb koop 6 no 7 15-16 Jl '62

How to give the customers better service I. Puchkova Sov. knizh torg 14 no 8,36 '62

It is important to carry out the decisions of the party F Furteeva Sov knizh torg 14 no 9 1-3 '62.

Mechanization of accounting promotes the turnover of merchandise S. Polivanovskii, I. Sidel'nikova Sov knizh torg 14 no 9 41-43 '62

Methods of greatest specialization I. Pol'man Sov knizh torg 14 no 9 21-22 '62

Organization and work methods of selection centers and bases T Alzenberg, M Shirokovskii Sov knizh torg 14 no 9 35-37 '62

Our plans forms, methods, analysis I Raikhman Sov knizh torg 14 no 9 38-41 '62.

A propagator of good books. IU. Golubintnikov. Agitator no. 21 48 D '62.

Rights and duties of directors of bookstores A Dribinskii, V Uspenskii. Sov. knizh torg 14 no 9 45-46 '62

The aout of the group A Golubin Sov knizh torg 14 no 9 1-7 '62

What we gained from specialization Sov knizh torg 14 no 9 21-25 '62

When directors meet Sov knizh. torg 14 no 9 11-13 '62

BOORDU REGION—ORE DEPOSITS

Find of ore pebbles in Lower Carboniferous conglomerates of the Boordu region (northern Tien Shan) S.B Borovskii, V.A. Makarov, I.V. Nosyrev Dokl AN SSSR 147 no. 1:210-211 N '62.

BOOT AND SHOE INDUSTRY see Shoe industry

BOOTS AND SHOES—RUBBER

Mosin, N.I. [Manufacture of rubber footwear] Proizvodstvo rezinovoi obuvi. Izd. 2., perer. i dop. Moskva, Goskhimizdat, 1962. 333 p.

BORIC ACID

Measurement of thermal neutron spectra in boric acid solutions. IU.IA. Doil'nitsyn, A.G Novikov. Atom. energ. 13 no 5 491-493 N '62.

BORING

(see also subdivision under Almalyk region, Krivoy Rog Basin; Murmansk Province, Ural Mountains)

Analytic study of factors causing the crookedness of holes. B.Z. Sultanov. Izv. vys. ucheb. zav. i geol. i razv. 5 no. 8:125-132 Ag '62.

Determining the effective depth of holes in prospecting drilling. IU.T Smirnov. Uch. zap. SAIGIMSa no. 5: 187-196 '61.

Device for measuring the deflection of bore holes in directed boring. G.F. Bykhovets, S.I. Khmyz, L.A. Shabli. Izm. tekh. no. 9 16-17 S '62.

Directed boreholes in steeply dipping seams dangerous as to sudden outbursts. I.P. Klochko, I.P. Chebotkov, Ugol' Ukr. 6 no. 8:42-45 Ag '62.

Expediency of using the rotary method to drill unwatering boreholes. D M. Khokhlovkin. Gor. zhur. no. 12.55-56 D '62.

Improving boring and blasting operations in the Uchaly Mine. N.I. Okhrimenko and others. Gor. zhur. no. 6: 39-40 Je '62.

Ostroushko, L.A. [Mining processes and instruments in rock drilling] Zaboinye protsessy i instrumenty pri burenii gornykh porod. Moskva, Gosgortekhizdat, 1962. 271 p.

Readers' response to G. G. Akhverdov, I. T. Manzhula, and D. I. Vaulin's article "Increasing the efficiency of boring and blasting operations in placing the primer closest to the bottom of the borehole." Gor. zhur no. 6 77 Je '62

Recording device for the ARPK-1 apparatus of radioactive preventive control. P. F. Puzyrev. Nauch. trudy VNIIPodzemgaza no. 7 73-79 '62

Use of paired blastholes in open-pit workings. G. I. Tolkushev. Izv. vys. ucheb. zav., gor. zhur. 5 no. 9 81-84 '62.

BORING—CONGRESSES

Mezhvuzovskaia nauchnaia konferentsiia po mekhanizatsii i avtomatizatsii razvedochnogo bureniia, Moscow, 1960. [Transactions of the Interuniversity Conference on Mechanization and Automation of Exploratory Drilling] Trudy. Moskva, Gosgeoltekhizdat, 1962. 201 p.

BORING—LABOR PRODUCTIVITY see subdivision under Soviet Central Asia, Sumgai region

BORING MACHINERY

The BU2-600 lightened boring unit. B. M. Kholupko. Biul. tekh.-ekon. inform. Gos. nauch.-issl. inst. nauch. i tekh. inform. no. 11, 21-23 '62

SBU-2 and SBU-4 self-propelled drilling rigs. M. P. Mochalin, A. S. Marshev, V. G. Iakovlev. Gor. zhur no. 6 56-58 Je '62

Testing 36 G 2S, and "D" drill pipes. A. M. Magurdumov. Uch. zap. SAIGIMSa no. 5 169-184 '61.

BORING MACHINERY—TESTING

Results of studying the operation of the BSSh-1 rig. A. D. Kuz'minykh. Izv. vys. uchen. zav., gor. zhur. 5 no. 10 102-104 '62

BORISOGLEBSKIY DISTRICT—COLLECTIVE FARMS—INTERFARM COOPERATION

Building materials production base of the Borisoglebskiy District interfarm building organization. K. Semenov. Sel'. stroi. no. 8, 8b-9 Ag '62

BORKANIUK, OLEKSA, 1901-1942

A fighter for the happiness of Transcarpathian workers, on the 20th anniversary of O. Borkaniuk's death. I. M. Hranchak. Ukr. ist. zhur. 6 no. 5, 142-144 S-O '62

BORODINO—WORLD WAR, 1939-1945

Ancestors, fathers, soldiers of our days. V. Semianovskii. Starsh. -serzh. no. 9, 20 S '62

BORODINO, BATTLE OF, 1812

Ancestors, fathers, soldiers of our days. V. Semianovskii. Starsh. -serzh. no. 9, 20 S '62

The 150th anniversary of the Battle of Borodino. L. G. Beskrovnyi. Ist. SSR. 6 no. 6, 3-18 N-D '62.

Unforgettable events, on the 150th anniversary of the great Battle of Borodino. A. K. Butsyk. Ukr. ist. zhur. 6 no. 4, 155-156 Jl-Ag '62.

BORODYANKA DISTRICT—HISTORY—STUDY AND TEACHING

How our pupils study the history of our district. F. IA. Ivanenko. Ukr. ist. zhur. 6 no. 5, 85-86 S-O '62

BORON

Boron increases the effectiveness of weeding. Z. V. Zhukhovitskaia. Zashch. rast. ot vred. i bol. 7 no. 3, 31 Mr '62

BORON—PHYSIOLOGICAL EFFECT

Activity of the digestive enzymes of sheep under conditions of a biogeochemical boron province in northwestern Kazakhstan. V. V. Koval'skii, I. K. Shakhova. Dokl. AN SSSR 146 no. 4, 967-970 O '62.

BOSPORUS—HYDROLOGY

Effect of wind conditions on the hydrological regime of the Bosporus area of the Black Sea. M. Sh. Rozengurt. Okeanologiia 2 no. 5, 837-839 '62.

BOSTANDYK DISTRICT—FRUIT—DISEASES AND PESTS

More attention to orchards. A. A. Nagaibakov. Zashch. rast. ot vred. i bol. 4 no. 6, 8-9 N-D '59

BOTANICAL GARDENS see subdivision under Crimea; Frunze, Nikita (Crimea)

BOTANICAL RESEARCH

Activities of the Botanical Section of the Moscow Naturalists' Society from April 1960 to May 1961. Biul. MOIP Otd. biol. 67 no. 3, 136-138 My-Je '62

BOTANICAL SOCIETIES see subdivision under Turkmenistan

BOTANY see subdivision under Armenia, Il'men' Preserve; Moldavia, Soviet Central Asia, Zeravshan Valley

BOTANY—ECOLOGY
(see also subdivision under Ural Mountains)

Ecology of astragali in relation to vertical zonality and taxonomic position. L. E. Ishchenko. Izv. AN Turk. SSR. Ser. biol. nauk no. 5, 10-16 '62.

BOTANY—PHYSIOLOGY

Specific role of roots in the above-ground growth of plants. P. I. Gupalo, P. S. Romanchuk. Dokl. AN SSSR 147 no. 2, 493-495 N '62.

BOTANY—PICTORIAL WORKS see subdivision under Georgia

BOTANY—YEARBOOKS see subdivision under Ukraine

BOTANY, ECONOMIC see subdivision under Uzbekistan

BOTRYTIS
(see also subdivision under Latvia)

Toxic effect of the fraction of organic acids synthesized by Botrytis cinerea. M. E. Ladygina. Dokl. AN SSSR 147 no. 2, 499-501 N '62.

Toxicity of the polysaccharide fraction of the toxin of Botrytis cinerea. V. A. Aksenova. Dokl. AN SSSR 147 no. 2, 496-498 N '62.

BOTULISM

Present-day state of the problem of the botulism stimulant and canned food production. N. N. Mazokhina. Kons. i ov. prom. 17 no. 11, 36-39 N '62

Study of botulin anatoxins. Report No. 3. Botulin anatoxin type C [with summary in English]. A. P. Markin and others. Zhur. mikrobiol., epid. i immun. 32 no. 12, 96-99 D '61.

BOUNDARY VALUE PROBLEMS

Asymptotic behavior of the distributions of maximum deviations in a Poisson process [with summary in English]. V. S. Koroliuk, D. V. Husak. Ukr. mat. zhur. 14 no. 2, 138-144 '62

Behavior of Green's function of a many-point linear boundary value problem for difference equations. A. I. Teptin. Dokl. AN SSSR 147 no. 1, 38-40 N '62

Boundary value problem for the equation $\frac{\partial}{\partial t} H\left(\frac{\partial}{\partial t}, P\left(\frac{\partial}{\partial x}, \frac{\partial}{\partial y}\right)\right) u = 0$ where $P\left(\frac{\partial}{\partial x}, \frac{\partial}{\partial y}\right)$ is an elliptic operator. G. I. Laskin. Sib. mat. zhur. 3 no. 6, 862-911 N-D '62.

Boundary value problems for quasi-linear elliptic equations and systems with divergent dominant part. N. N. Ural'tseva. Dokl. AN SSSR 147 no. 2, 317-318 N '62.

Boundary value problems for two second-order elliptic differential equations degenerating at the boundary of the region. L. S. Parasiuk. Ukr. mat. zhur. 14 no. 2, 215-217 '62.

First boundary value problem for a general linear equation. S. M. Nikol'skii. Dokl. AN SSSR 146 no. 4, 767-769 O '62.

First boundary value problem for quasi-linear parabolic second-order equations of the general type. O. A. Ladyzhenskaia, N. N. Ural'tseva. Dokl. AN SSSR 147 no. 1, 20-30 N '62.

Solution of boundary value problems for Poisson's equation in a rectangle. E. A. Volkov. Dokl. AN SSSR 147 no. 1, 13-16 N '62.

Solvability of Neumann's problem. V. G. Mazi'ia. Dokl. AN SSSR 147 no. 2, 291-293 N '62.

Wave motions of an ideal liquid in vessels shaped as solids of revolution (with summary in English). Y. A. Lukovskyi. Ukr. mat. zhur. 14 no. 2, 160-169 '62

BOXING

Combined form of combat in boxing. E. I. Ogurenko. Teor. i prak. fiz. kult. 25 no. 6, 58-60 Je '62.

BRACHIOPODA, FOSSIL see subdivision under Pay-Khoy, Pechora Basin; Russian Platform, Siberian Platform

BRAIN

Characteristics of axodendritic connections in the reticular formation of the brain stem. N. S. Kositsyn. Dokl. AN SSSR 147 no. 2, 477-479 N '62.

Comparative study of the growth of the brain and eyes of wild birds. N. A. Mamaiova. Dokl. AN SSSR 146 no. 4, 963-966 O '62.

Influence of glutamic acid and caffeine on the amount of glutamine, ammonia, and glutamic and adenosinetriphosphoric acids in the greater hemispheres of the brain [with summary in English]. D. G. Uzbekova. Vop. med. khim. 8 no. 1, 83-86 Ja-F '62.

Physiological sources of consciousness in the light of recent studies on the work of the brain. M. A. Logvin. Nauch. dokl. vys. shkoly; filos. nauki 5 no. 5, 42-49 '62.

Role of the reticular formation of the brain stem in the transmission of influences from the central nervous system to the thyroid gland. M. G. Amiragova. Dokl. AN SSSR 147 no. 1, 252-254 N '62.

Study of the organ specific antigenic properties of the human brain using sera containing isoimmune antibodies to the brain [with summary in English]. N. I. Kuznetsova, N. N. Popova. Biul. eksp. biol. i med. 54 no. 7, 62-66 Jl '62.

BRAIN—ABSCESS

Case of multiple abscess of the left temporal lobe of the brain occurring without local symptoms. S. Sh. Baimakanova. Zhur. ush., nos. i gorl. bol. 21 no. 6, 65-66 N-D '61.

Otogenic abscesses of the brain. D. L. Rivin. Zdrav. Bel. 8 no. 7, 34-35 Jl '62.

BRAIN—BLOOD SUPPLY

Characteristics of the peripheral blood in multiple induced cerebral anemia. E. V. Leonova. Zdrav. Bel. 8 no. 2, 36-39 F '62.

Syndrome of simultaneous bilateral [illegible] posterior cerebral artery [with summary]. [illegible] D. K. Bogoroditskii. Zhur. nevr. i psikh. [illegible] 1147-1153 '61

BRAIN—CONCUSSION

Hospital care of patients with contusion and [illegible] of the brain. V. IA. Mikhelkin. Nov. khir. [illegible] 141-142 Je '62.

BRAIN—DISEASES

Corticosteroids in the treatment of brain diseases. N. D. Beklemishev, P. A. Shmerova, [illegible] Trudy Inst. krayev. pat. AN Kazakh. SSR [illegible]

Diseases of the brain in the chronic form of [illegible] fection [with summary in French]. A. [illegible] Zhur. nevr. i psikh. 62 no. 9, 1346-1351 '62

Functional state of the pancreas in suppurative brain. G. I. Mirzoian, E. A. Avakimova, [illegible] blan. Trudy Erev. med. inst. no. 11, 49-[illegible]

Significance of an ophthalmoneurological [illegible] ing hypertonic insults with a tumoral [illegible] Palatov. Zdrav. Turkm. 8 no. 1, 56-58 [illegible]

Use of hypothermia in cerebral [illegible] on the heart with artificial blood circulation [illegible] summary in English]. A. S. Iroy and [illegible] Khir., no. 9, 28-31 '62.

BRAIN—HEMORRHAGE

Some clinical and electromyographic [illegible] order of the muscle tone in cerebral hemorrhage [illegible] summary in French]. D. K. Vaver. [illegible] 61 no. 10, 1141-1152 '61.

BRAIN—INFLAMMATION see Encephalitis

BRAIN—TUMORS

"Dynamics of the changes in the cellular composition of the cerebrospinal fluid in the postoperative period in tumors of the posterior cranial fossa" by A. I. [illegible] ov. Reviewed by G. Bourguignon. Zdrav. Turkm. [illegible] 60-62 Jl-Ag '62.

Electrophoretic separation of soluble proteins [illegible] of the human brain [with summary in English]. [illegible] Mol'berg, L. A. Sytinskii, T. V. Chaika. [illegible] 8 no. 1, 58-64 Ja-F '62.

BRASS—CORROSION

Rapid testing of cast brass for corrosion cracking. [illegible] Bykov, G. N. Vasovotov, M. P. Tolmachkina. [illegible] 26 no. 8, 951-956 '62.

BRASS FOUNDING

Factors having an effect on the quality of brass [illegible] made under pressure. B. S. Glazman. [illegible] no. 8, 33-41 Ag '62

Mechanical properties of L K-60-1L brass at [illegible] peratures. B. G. Ioffe and [illegible] Lit. proizv. no. 8, 31-[illegible] '62.

BRATSK HYDROELECTRIC POWER STATION—EQUIPMENT AND SUPPLIES

Power transformers with 220 kv. rating for the [illegible] Hydroelectric Power Station. V. V. Budnar. [illegible] elektroprom. 33 no. 7, 6-8 Jl '62.

BRAZIL—COFFEE

Black as the devil and pure as an angel. [illegible] Nov. vrem. 20 no. 46-29 N '62.

BRAZIL—FOREIGN ECONOMIC RELATIONS—UNITED STATES

The unmasked "benefactors." O. Ignat'ev. [illegible] zhizn' 8 no. 12, 59-63 D '62.

BRAZIL—MAPS

Russia (1923- U.S.S.R.) Glavnoe upravlenie [illegible] i kartografii. [Brazil and Guiana] 1:5,000,000. Brazilia, Guiana; 1:5,000,000. Moskva, Gos. [illegible] geogr. lit-ry, 1962.

——— [Text] 1962. 51 p.

BREAD—STORAGE

Containers for the night delivery of bread. A. [illegible] Sov. torg. 35 no. 7, 60-61 Jl '62

BREAM see subdivision under Rybinsk Reservoir

BREAST—CANCER

Cancer of the breast and the late results of its treatment. V. Kh. Dovgialo. Zdrav. Bel. 8 no. 7, 45-46 Jl '62

Role of individual factors and their combinations in the prognosis of breast cancer [with summary in English]. S. A. Kholdin. Vop. onk. 8 no. 6, 28-35 '62.

BREMSSTRAHLUNG

Energy losses by a beam of bremsstrahlung from the absorber of a calorimeter. Part 2. S. P. Kruglov, I. V. Lopatin. Zhur. tekh. fiz. 32 no. 11, [illegible] '62.

BREWING

[Manual on malt and beer production] Spravochnik po proizvodstvu soloda i piva. Pod obshchei red. M. T. Denshchikova. Moskva, Pishchepromizdat, 1961. 862 p.

Melanoidinic preparations from malt sheets. V. P. [illegible] tsuika, P. M. Maltsev. Izv. vys. ucheb. zav., pishch. tekh. no. 4, 89-93 '62.

BRICK WALLS—THERMAL PROPERTIES
Study of heat engineering properties of some types of vibrated brick slabs P N. Umnikov. Trudy NIISF no 1 72-79 '62

BRICKMAKING
Tunnel kiln without a frame. A. Naidenov Sel'. stroi. no. 8:13-14 Ag '62

BRIDGE CIRCUITS
Design of automatic modulation d c bridges with amplitude-phase detection F B Grinevich Izm tekh no 11 41-44 N '62
Determining the zero creep of a strain-measuring bridge circuit L Sh. Gorelik Izm. tekh no 9 27 S '62.

BRIDGE CONSTRUCTION
(see also subdivision under Novi Sad, Yugoslavia)
Construction of reinforced concrete bridges at the modern stage of development. N. M. Kolokolov. Bet. i zhel.-bet. 8 no.10 137-141 O '62.
Girder-cantilever precast reinforced concrete bridge. D. A. Tretskii Bet. i zhel.-bet. 8 no. 10 115-116 O '62.
High-strength concrete in bridge construction IU. N. Khromets, G. N. Pisanko. Bet. i zhel.-bet 8 no. 10: 453-455 O '62

BRIDGES—FOUNDATIONS AND PIERS see subdivision under Nikolaev

BRIDGES, CONCRETE
Choosing an efficient technique for manufacturing prestressed girder spans. M. L. Karasik Bet. i zhel.-bet. 8 no. 10 149-453 O '62
Prestressed bridge elements with wire reinforcement. E. I. Shtil'man, V. S. Korunskii. Bet. i zhel.-bet. 8 no. 10 156-159 O '62.

BRIDGES, RAILROAD see Railroad bridges

BRIQUETS (FUEL)
Briquetting coal and anthracite mixtures treated with fuel gases D. I Aksel'rod, A G Shpokhler. Izv. vys ucheb. zav., gor. zhur. 5 no. 9 165-168 '62.
Briquetting of anthracite culm by means of low pressure presses. G. V. Efashkin. Ugol' Ukr. 6 no. 8,47-48 Ag '62.

BRITHOLITE see subdivision under Siberia

BROD, IGNATII OSIPOVICH, 1902-1962
Ignatii Osipovich Brod, obituary D. I Gorbaev, I A. Kontukhov Vest Mosk un Ser. 4 Geol 17 no 5 70-73 S-O '62

BROKERS see subdivision under Great Britain

BROMINATION
Conjugated systems. Part 162: Direction of the addition of bromine and hydrogen to vinyl- and allyldimethylvinylacetylenylsilanes. M. D. Stadnichuk, A. A. Petrov. Zhur. ob. khim. 32 no. 11:3522-3527 N '62.
Structure of the bromide $C_{10}H_{11}Br$, a product of bromination of 2-phenyl-2-butanol and 2-phenyl-2-butene. V. I. Pansevich-Kolinda. Zhur. ob. khim 32 no. 10 3301-3303 O '62.

BROMINE
Chemistry of 2, 1, 3-thio and selenodiazoles. Part 14 Reactivity of bromine in derivatives of 2, 1, 3-benzothiadiazole. V. G Pesin, A. M. Khaletskii. Zhur. ob. khim. 32 no. 10:3284-3290 O '62.
Scission of cyclopentadienyl compounds of metals by bromine and potassium hypobromite. A. N. Nesmeianov, N. S. Kochetkova, R. B. Materikova. Dokl AN SSSR 147 no. 1:113-116 N '62.

BROMINE—ISOTOPES
Chemical action of Br^{82} recoil atoms obtained from the reaction (n, γ) on haloacetic acids. An. N. Nesmeianov, E. S. Filatov, I. G. Gusakovskaia. Radiokhimiia 4 no. 4 402-460 '62.

BRONCHI—CANCER
Malignant degeneration of bronchial adenomas [with summary in English]. S. D. Pletnev. Khirurgiia no. 1 103-107 '62.

BRONCHI—RADIOGRAPHY
Aspiration bronchography. B. K. Sharov Khirurgiia no. 1 131-132 '62.
Single-stage bronchoscopy and bronchography under local anesthesia under dispensary conditions. M. A. Danilin. Vest. khir 87 no. 11:114-115 N '61

BRONCHI—TUBERCULOSIS
Tuberculosis of the trachea and bronchi [with summary in English]. E. G. Beloslud. Zhur. ush., nos. i gorl. bol. 22 no. 2:44-47 Mr-Ap '62

BRONCHI—TUMORS
Diagnosis and surgical treatment of bronchial adenomas [with summary in English]. O. M. Avilova, L. V. Denisenko. Vest. khir. no. 6:37-41 '62.

BRONCHIAL FISTULA see Fistula, Bronchial

BRONCHOSCOPY
Single-stage bronchoscopy and bronchography under local anesthesia under dispensary conditions. M. A. Danilin Vest. khir 87 no. 11,114-115 N '61.
Tracheobronchoesophagoscopy under intravenous barbiturate anesthesia under conditions of apnea [with summary in English] G R Khundadze, G. M. Tsanava Khirurgiia no. 12 27-29 '61.

BRONZE—ANALYSIS
Colorimetric determination of beryllium in bronze with aluminum L P Adamovich, S. V. IUtsis. Zav. lab. 28 no. 8 920-921 '62.

BRONZE—TESTING
Testing of Bi AZhMTs 10-3-1, 5 bronze hardness. V I' Kuznetsov Metalloved i term obr met no. 8 16 Ag '62

BRONZE AGE see subdivision under Bakhchisaray District, Chuvashia; Issyk-Kul' region, Makhandar'ye Valley, Tasty-Butak Valley

BROWN-TAIL MOTH
Effect of temperatures above freezing point on different geographical populations of the brown-tail moth Euproctis chrysorrhoea L. and gypsy moth Lymantria dispar L. (Lepidoptera, Orgyidae) [with summary in English]. G A Pantiukhov. Ent. oboz 41 no 2 271-284 '62

BRUCELLA
Characteristics of a Brucella culture isolated from horses M M. Rementsova and others. Trudy Inst kraev pat. AN Kazakh.SSR 12 18-32 '62.
Characteristics of strains of Brucella obtained from patients treated with antibiotics. N I'. Zenkova, E. A. Shnyreva Trudy Inst. kraev pat. AN Kazakh SSR 12 194-204 '62
Experimental infection of Gamasid ticks, fleas, lice, and bed bugs with brucellosis Preliminary report M. M Rementsova and others. Trudy Inst. kraev pat AN Kazakh SSR 12 47-54 '62
Experiments on the transmission of Brucella to sheep and goats through the ticks, Ornithodorus lahorensis and Dermacentor marginatus. N. F. Khrushcheva, M. M. Rementsova. Trudy Inst. kraev. pat. AN Kazakh SSR 12:10-16 '62.
Experiments on the transmission of Brucella to wild and laboratory rodents through ticks of the genus Dermacentor N. F Khrushcheva Trudy Inst. kraev pat. AN Kazakh SSR 12:33-39 '62.

BRUCELLOSIS
Blood serum proteins in patients with chronic brucellosis IU. M. Levanov, R. N Matveeva Trudy Inst kraev pat AN Kazakh SSR 12 231-235 '62
Butadione in the treatment of brucellosis. E. A. Shnyreva, N. D. Beklemishev. Trudy Inst. kraev. pat. AN Kazakh. SSR 12:220-230 '62
Capillaroscopic picture in patients with latent and chronic brucellosis S Musabirkov. Trudy Inst. kraev. pat AN Kazakh. SSR 12 160-169 '62
Change in hematological indexes in patients with latent and chronic brucellosis. T. G Beglova Trudy Inst kraev. pat AN Kazakh SSR 12, 170-174 '62
Characteristics of obstetrical and gynecological pathology in patients with latent brucellosis A. S Sokolova Trudy Inst kraev. pat AN Kazakh SSR 12 211-219 '62
Characteristics of the liver among inhabitants of a rural district in central Kazakhstan. T. Kh. Aitbaev, Trudy Inst. kraev. pat AN Kazakh. SSR 12:156-159 '62.
Clinical aspects and treatment of brucellosis in children. A. L. Mailian. Trudy Erev. med. inst. no. 11 287-291 '60.
Clinical aspects of brucellosis in inoculated subjects Kh A. Kasymova Trudy Inst. kraev pat. AN Kazakh SSR 12 94-101 '62
Clinical characteristics of endogenous brucellar diseases of the anterior portion of the eyes in experimental infection in guinea pigs. V M Kiseleva, L. G I opatukhina Trudy Inst. kraev. pat. AN Kazakh SSR 12 81-85 '62.
Clinical observation of inoculated subjects positively reacting to brucellosis. Kh. A Kasymova Trudy Inst kraev. pat. AN Kazakh SSR 12:86-92 '62
Condition of the heart in patients with latent and chronic forms of brucellosis A G. Adyrkhaev, T G Beglova Trudy Inst kraev pat AN Kazakh SSR 12:149-155 '62.
Condition of the otorhinolaryngological organs in patients with latent and compensated chronic brucellosis. V. S Moshkevich. Trudy Inst. kraev pat. AN Kazakh. SSR 12,128-148 '62
Corticosteroids in the treatment of brucellar arachnoiditis. N. D Beklemishev, E. A. Shnyreva, I. L. Kasatkina Trudy Inst. kraev. pat. AN Kazakh SSR 12;220-225 '62.
Diagnosis and treatment of brucellosis. Sh. L. Avakian. Trudy Erev. med. inst. no. 11:281-285 '60.
Electrical activity of the brain during intravenous vaccine therapy in brucellosis. S. Zh Tleulin. Trudy Inst. kraev. pat AN Kazakh. SSR 12 175-181 '62.
Electrical activity of the brain of brucellosis patients during treatment with prednisone and cortisone. S Zh. Tleulin Trudy Inst kraev. pat. AN Kazakh SSR 12 182-186 '62.
Electroencephalographic changes in brucellosis. S. Zh Tleulin Trudy Inst kraev pat. AN Kazakh SSR 12: 102-109 '62.
Evolution and natural foci of brucellosis [with summary in English]. N. F. Mironov. Zhur. mikrobiol., epid. i immun. 32 no. 12:80-85 D '61.
Function of the gustatory analyser in brucellosis. E. A. Khairushev. Trudy Inst. kraev pat AN Kazakh SSR 12 123-127 '62.
Function of the olfactory analyser in brucellosis I' A Khairushev. Trudy Inst kraev pat AN Kazakh SSR 12 117-122 '62
Function of the tactile and pain analyzer in brucellosis E A. Khairushev Trudy Inst kraev pat AN Ka. akh SSR 12 110-116 '62
Importance of wild fauna in solving the problem of eradicating brucellosis in the Soviet Union [with summary in Engli. ' I I Tatan Zhur mikrobiol., epid. i immun 32 no. 12:65-71 D '61
Indications for the use of corticoids in treating chronic brucellosis N D Beklemishev Trudy Inst kraev pat. AN Kazakh SSR 12 236-243 '62.
Influence of preliminary irradiation with X rays on the course of brucellosis in guinea pigs Report No 1 Course of brucellosis, blood picture, and change in internal organs in irradiated guinea pigs. T G Beglova Trudy Inst kraev pat AN Kazakh SSR 12 55-65 '62
Influence of preliminary irradiation with X rays on the course of brucellosis in guinea pigs Report No 2. Diffusion of Brucella in the organism and formation of antibodies in irradiated guinea pigs. T. G Beglova Trudy Inst. kraev. pat AN Kazakh. SSR 12 66-74 '62
Intracutaneous vaccine therapy in the compound treatment of chronic brucellosis K A Zhumankaev Trudy Inst kraev pat AN Kazakh SSR 12 208-217 '62
Natural foci of brucellosis [with summary in English]. B. A Zamotin. Zhur mikrobiol., epid. i immun 32 no 12 71-74 D '61
Superinfection and reinfection in brucellosis under experimental conditions N F. Zenkova Trudy Inst. kraev. pat AN Kazakh. SSR 12 75-80 '62
Treatment of brucellosis patients with specific gamma globulin. Sh Kh Bakoikhanova Trudy Inst kraev pat. AN Kazakh. SSR 12 205-207 '62.
Treatment of brucellosis patients with terramycin in combination with streptomycin and vaccine I A Shnyreva, Kh A Kasymova Trudy Inst kraev. pat AN Kazakh SSR 12 187-189 '62.

BRUSHES, ELECTRIC
Concerning the vibration of the brush system. N. A Pavelko. Vest. elektroprom. 33 no 9:54-56 Jl '62

BRYANSK—AUTOMOBILE DRIVERS—EDUCATION AND TRAINING
Voluntary cooperation I Khazikov Za rul. 20 no. 11:3 N '62.

BRYANSK—BAPTISTS
The price of a smile. V Belousov. Agitator no 21: 50-53 N '62

BRYANSK PROVINCE—EDUCATION, COMPULSORY
They became eight-year schools I Krivonos, V Belaev Nar obr. no 12 11-12 D '62.

BUBBLE CHAMBER
Generation of π^0-mesons in the Coulomb field of the nucleus [with summary in English] V V. Barmin and others. Zhur eksp i teor fiz 43 no 4:1223-1230 O '62
The sensitivity of fluids to radiation IU A. Aleksandrov, G. S Voronov, N B Delone. Zhur. eksp i teor. fiz. 13 no 1 1552-1554 O '62

BUDGET
"The development of Soviet budget law" by V. V. Bezchetvertykh Reviewed by R. L. Khazanbalian. Izv. vys. ucheb. zav., prav. 6 no. 3 165-167 '62.
Kudriashov, R. A. [Distribution of income among budgets] Raspredelenie dokhodov mezhdu biudzhetami. Moskva, Gosfinizdat, 1962. 60 p. (V pomoshch' finansovomu rabotniku)
Some problems in the work of the Budgetary Committee of the Supreme Soviet of the U. S. S. R. I. S. Senin. Sov. gos. i pravo 32 no. 11:26-37 N '62
State budget of the U.S.S.R. in the system of the economic categories of socialism. IA. Liberman. Vop. ekon. no. 10:38-46 O '62.

BUDS
Histochemical analysis of cherry flower buds in relation to their winter hardiness. G A Filimonova Biul. MOIP Otd. biol 67 no 3:142 My-Je '62.
Nucleic acid content of flower buds of the black currant [with summary in English] A. M Bobryshova, E. Z. Okuina. Fiziol. rast. 9 no. 3,342-346 '62.
Relation between the calcium content of the ash of apple shoots and the capacity of trees to set fruit buds. V. E. Perfil'ev. Fiziol. rast. 9 no. 3 371-372 '62.

BUFFALOES see subdivision under Azerbaijan

BUG LIMAN—HYDROLOGY
Fluctuations in the wind-caused lowering and raising of the water level in the Bug Liman M. N Kostiantsyn Trudy GOIN no. 66:55-79 '62.

BUILDING
Alekseev, E. K., and V. I. Mol'nik. [Welding in the construction industry] Svarochnoe delo v stroitel'stve. Izd. 2, ispr. i dop. Moskva, Gosstroiizdat, 1962. 350 p.
Improve the organization of work in integrated brigades. V. Vasiliev. Stroitel' 8 no. 10 1-2 O '62.
In pre-holiday competition. V. Zhikharenko. Stroitel' 8 no. 10:27-29 O '62.

BUILDING (Continued)
The outstanding construction workers of the country. Stroitel' 8 no.10 10-11 O '62.
Two communist brigades. Stroitel' 8 no.10 14-15 O '62

BUILDING—ABSTRACTS
[Journal of abstracts: Construction and architecture] Ref. zhur. Strol. i arkhit. no.6 '62.

BUILDING—ACCIDENTS
The lesson of an accident. G. I. Akhenshtein. Bet i zhel.-bet 6 no 10 472-473 O '62.

BUILDING—ACCOUNTING see Construction industry—Accounting

BUILDING—BIBLIOGRAPHY see Bibliography—Building

BUILDING—COLD WEATHER CONDITIONS
All the conditions for rhythmic winter work exist. D. V Bulhatkin. Stroi truboprov. 7 no.10 16-17 O '62.

BUILDING—CONGRESSES
Seminar of rural builders Sel'. stroi. no.6,29 Ag '62.

BUILDING—DETAILS
Functioning of the joints of precast reinforced concrete spans V.P Pol'evko, IU. L. Mel'nikov Bet i zhel.-bet. 8 no.10:456-459 O '62
Kirillova, A.G., [Technical and economic indices of finishing work in housing and public construction] Tekhniko-ekonomicheskie pokazateli otdelochnykh rabot v zhilishchno-grazhdanskom stroitel'stve. Moskva, Gosstroiizdat, 1962. 118 p.
Protection of steel insertion parts and welded joints in large-panel buildings from corrosion Biul. stroi tekh. 19 no 5 23-24 My '62
Raise the quality of welded joints in precast construction. L.Komolov. Stroitel' 8 no.10,16-19 O '62.
Strengthening welded fastenings in steel elements under loading. I L Khalutin Prom stroi 40 no 8:36-41 '62

BUILDING—ESTIMATES
Estimated costs in school construction. A. Budilovich. Ekon. stroi. no.11 26-31 N '62.
Estimated norms. Ekon stroi. no.11:64-65 N '62.
Russia (1923- U.S.S.R.) Gosudarstvennyi komitet po delam stroitel'stva. [Collection of supplements, clarifications and corrections to standard district estimates for construction work] Sbornik dopolnenii, raz"iasnenii i popravok k edinym raionnym edinichnym rastsenkam na stroitel'nye raboty. Moskva, Gosstroiizdat.
No.8. 1962. 91 p.

BUILDING—EXHIBITIONS
Exposition of industrial construction at the Exhibition of Achievements of the National Economy of the U.S.S.R. M. M. Khodos Prom stroi 40 no 9 59-61 '62
Large-panel housing construction and its industrial base. Biul. stroi. tekh 19 no 11 46 N '62

BUILDING—SAFETY MEASURES
Protective and safety measures. Stroitel' 8 no.10-20-24 O '62.

BUILDING—TECHNOLOGICAL INNOVATIONS
(see also subdivision under Perm Province)
Efficiency suggestions. Sel'. stroi. no.10:25 O '62.
Experience of innovators and efficiency promoters. Z. Lipkovich and others. Stroitel' 8 no.10 25-26 O '62.
Introduce on a large scale advanced practices in construction without the use of wood. Sil'. bud. 12 no.9 22 S '62.
New developments in building techniques. Sil'. bud. 12 no.9:23 S '62.
Serebriakov, V. M. [The groups of initiators act] Initsiativnye gruppy deistvuiut. [Moskva] Mosk. rabochii, 1962. 38 p. (Stroiteli obmeniaiutsia opytom)
Useful advice. Sel'. stroi. no.8:28 Ag '62.

BUILDING—TOOLS AND IMPLEMENTS
Kigel', G. D. [Geodetic alignment in assembly work] Geodezicheskaia vyverka na montazhnykh rabotakh. Moskva, Profizdat, 1962. 70 p. (Biblioteka molodogo rabochego)

BUILDING, ADOBE
Preparing the clay slip in the production of adobe. Z Deniakin. Sel'. stroi. no.10 19-20 O '62.

BUILDING, CONCRETE see Concrete construction

BUILDING, WOODEN
Allikas, Leonid, and Waldek Kulbach. [Wooden structures] Puitkonstruktsioonid. Tallinn, Eesti Riiklik Kirjastus, 1962. 414 p. [In Estonian]

BUILDING INDUSTRY see Construction industry

BUILDING LAWS
(see also subdivision under Lugansk Province)
Legal forms of the joint construction of dwellings. I. I. Pepelnev. Trudy Inst. filos. i prava AN Kazakh. SSR 6 140-163 '62.

Liability for loss caused by the demolition of buildings V TSenko, A Potopeiko Rad pravo no 6:94-99 N-D '62

BUILDING MACHINERY see Construction equipment

BUILDING MACHINERY INDUSTRY see Construction equipment industry

BUILDING MATERIALS
(see also subdivision under Kuznetsk Basin)
Institute of New Building Materials. S V Paparigopulo. Izv ASiA no 3 123-124 '62
Methods of shear tests for adhesive compounds of plastics and other building materials A S. Freidin, K. V Panferov Plast. massy no 10:57-60 '62.
Vorob'ev, V. A., and V. S. Kolokol'nikov. [Study of materials for masons and concrete workers] Materialovedenie dlia kamenshchikov i betonshchikov. Moskva, Profizdat, 1962. 250 p.

BUILDING MATERIALS—TESTING
Changes in State Standard 7025-54. Biul stroi tekh. 19 no. 5 19-20 My '62.
In the Structural Physics and Enclosing Elements Research Institute Biul. stroi tekh 19 no 5 37-39 My '62
Morgulis, M. L., and L. M. Polotskii. [Devices for determining the resistance of hard materials to grinding, from materials of the All-Union Research Institute of New Building Materials of the Academy of Construction and Architecture of the U.S.S.R.] Pribory dlia opredeleniia soprotivliaemosti tverdykh materialov izmel'cheniiu, po materialam VNIINSM ASIA SSSR. Moskva, Gosstroiizdat, 1962. 19 p.
Quality control methods for structural elements must be improved N. M Sheinfel'd Prom stroi 40 no 9 58-59 '62

BUILDING MATERIALS—THERMAL PROPERTIES
Calculating thermoelastic stresses in tests for frost resistance. G. G. Eremeev. Trudy NIISF no. 1 10-60 '62.
The role of heat conductivity and temperature conductivity in the condition of exterior elements A. U. Franchuk. Trudy NIISF no. 1:34-39 '62.

BUILDING MATERIALS INDUSTRY
(see also subdivision under Chuvashia)
Building materials production base of the Borisoglebskiy District interfarm building organization K Semenov Sel'. stroi no. 8 8b-9 Ag '62
"Local materials in rural construction" by A. Baryshev Reviewed by I. Beschinskii. Sel' stroi. no. 8 30 Ag '62
A single plan for the development of the building elements industry Bet. i zhel.-bet. 8 no. 11 481-482 N '62

BUILDING MATERIALS INDUSTRY—HYGIENIC ASPECTS
Deshko, IU. I., M. B. Kreimer, and A. T. Makhnovich, comps. [Materials on accident prevention and industrial hygiene in the building materials industry] Sbornik materialov. Moskva, Gosstroiizdat, 1962. 634 p.

BUILDING RESEARCH
Improve coordination of research in the field of construction and architecture. V I. Ovsiankin Izv. ASiA i no 1.27-33 '62
Present-day state housing construction and ways of improving it. L A. Gel'berg, G. I. Pedorov. Izv. ASiA i no. 1 47-56 '62.

BUILDING SITES
The procedure for laying out the main axes of structures. Biul stroi. tekh 19 no. 11:35-36 N '62.

BUILDING STONES
(see also subdivision under Crimea)
Determining the weight of blocks and rocks in the body of breakwaters and protective facings. A. S. Ofitserov. Trudy Gidrav. lab. VODGEO no. 9:5-37 '62.
Make fuller use of natural resources of ashlar and trim stone V. V. Vasilevskii and others Stroi mat 8 no 10 32-33 O '62.
Using limestone blocks. A. Starichkov. Sel'. stroi. no. 10:20 O '62.

BUILDING TRADES—STUDY AND TEACHING
(see also subdivision under Kursk Province)
Against clichés in the structure of a lesson. G. Kozhovnikova. Prof.-tekh. obr. 19 no. 10:12 O '62.
Construction and repair training lot instead of the construction and installation administration. B. A Dudkin. Sred. spets. obr. 9 no. 10:16-17 O '62
Construction workers master additional occupations. I. Men'shov. Prof.-tekh. obr. 19 no. 10:28-30 O '62.
Konderov, A. I. [Construction workers master new professions] Stroiteli osvaivaiut novye professii. [Moskva] Mosk. rabochii, 1962. 69 p.
Practical degree projects in construction technical schools P K. Bobrovnikov, Sred. spets. obr. 9 no. 8 24-27 Ag '62
Training of independence. A. Shebalov. Prof.-tekh. obr. 19 no. 10,12 O '62.

BUILDINGS
Determination of the temperature and humidity of the outside air for estimating the moisture conditions of exterior elements. A. U. Franchuk Trudy NIISF no. 1:95-100 '62.

BUILDINGS, PREFABRICATED see subdivision under Leningrad

BUKHARA—FOREIGN RELATIONS—RUSSIA
N. P. Ignat'evia mission to Khiva and Bukhara in the light of the data in A. G. Serebrennikov's "Collection of documents." L. Mironova. Nauch. tab. i nauk. [illegible] shchestv. nauk AN Uz. SSR 4:233-240 '61.

BUKHARA PROVINCE—CULTURE
Development of Soviet culture in the Bukhara People's Soviet Republic, 1920-1924. A. Ulukov. Trudy nauch. issob. Otd. obshchestv. nauk AN Uz. SSR 5 [illegible] '61.

BUKOVINA—CATTLE
Early maturity in young cattle of various body conformation types. V. M. Serokurov. Zhivotnovodstvo 24 no. 2:70-74 F '61.

BUKOVINA—CRIME PREVENTION
How interdistrict public prosecutors prevent the violation of socialist laws. M. Hrushetskyi. Rad. pravo no 6:63-64 N-D '62.

BUKOVINA—EUROPEAN CORN BORER—BIOLOGICAL CONTROL
Practices in using Trichogramma against the European corn borer. T. M Guseva. Zashch. rast. ot vred. i bol. 7 no. 5 40 My '62.

BUKOVINA—FACTORIES—FIRES AND FIRE PREVENTION
A progressive collective. M Petrov. Pozh. delo 5 no. 11:26-27 N '62

BUKOVINA—HYBRID CORN
A golden key. Volodymyr Vilhyi Ukraina [illegible] 21:12 D '62

BUKOVINA—MOSQUITOES
Bloodsucking mosquitoes (Diptera, Culicidae) of Chernovtsy Province [with summary in English] S. V. Gutsevich and others Ent. obozr. 41 no. 2 [illegible] '61

BULAN-KUL' LAKE REGION—ROCKS, IGNEOUS
Shokhina, O. I. [Alkali rocks of the Bulan-kul' massif (Dzhanuyaryk Tau Ridge)] Shchelochnye porody Bulan-Kul'skogo massiva (Kirgizskaia SSR). [illegible] Izd-vo. Sib. otd. AN SSSR. 1961. 68 p. (Akademiia nauk SSSR. Sibirskoe otdelenie. Institut geologii i geofiziki. Trudy, no. 10)

BULGARIA—COMMUNIST PARTY—CONGRESS
The congress of Bulgarian Communists I Bulgari Nov. vremia 20 no. 46 6-7 N '62

BULGARIA—CONSTITUTIONAL LAW
Spasov, B., and A. Angelov. [Constitutional law of the People's Republic of Bulgaria. Translated from the Bulgarian] Gosudarstvennoe pravo Narodnoi Respubliki Bolgarii. Pod red. i s vstup. stat'ei D. L. Kalistratovskogo. Moskva, Izd-vo inostr. lit-ry, 1962. [illegible] p.

BULGARIA—DESCRIPTION AND TRAVEL
Under Balkan stars (to be continued) N Kinarskaia L. Stepanov Ogonek 40 no. 45 16-19 N '62

BULGARIA—ECONOMIC CONDITIONS
Among Bulgarian friends. D. Allakhverdian. V pomoshch no. 10:159-160 O '62.
Under Balkan stars (to be continued). N Kinarskaia L. Stepanov. Ogonek 40 no. 45 16-19 N '62

BULGARIA—HISTORY
The Byzantine Empire and the Bulgarians in the 5th-6th centuries. V. T. Shlotenko. Uch. zap. [illegible] un. 20 no. 1:43-70 '61.

BULGARIA—HISTORY—SOURCES
Basic theories of the origin of the ancient Bulgarians and written source materials from the 4th to the 9th century. V. T. Shlotenko. Uch. zap. [illegible] no. 4:3-41 '61.

BULGARIA—MATHEMATICS—STUDY AND TEACHING
Teaching mathematics in secondary technical schools of the Bulgarian People's Republic P. Ivanov. Matem. v shkole no. 4 74-80 Jl-Ag '62.

BULGARIA—MUSIC
Voices of a new life E Groshcva Sov. muz. 28 no. 8 118-123 S '63.

BULGARIA—MYTILACEA, FOSSIL
Inoceramus from Santonian deposits of "Metalurg" Mountain in Dimitrov District (People's Republic of Bulgaria) N A. Iotkichev. Vest. Mosk. un. Ser. 4 [illegible] 17 no 5:30-33 S-O '62.

BULGARIA—POPULAR FRONTS
From the history of efforts to establish a Bulgarian popular front for the struggle against fascism and war, 1935-1939. Sofiia Pancheva. Vop. ist. KPSS 5 no. 10:118-129 '62.

BULGARIA—RELATIONS (GENERAL) WITH RUSSIA
Russo-Bulgarian revolutionary contacts, 1907-1914 P. S. Solman'. Ukr. ist. zhur. 6 no. 5 68-73 S-O '62

BULGARIA—SOLDIERS—RECREATION
Cultural recreation for troops (experience of the Bulgarian Army) I. V. Bivolarov. Voen. vest. 42 no. 5 77-79 My '62.

BULGARIA—TOMATOES
Effect of seed and seedling hardening on the frost resistance, early ripening, and productivity of tomatoes. D. Nedzharova. Agrobiologiia no. 5 705-708 S-O '62

BULGARIA—TRANSPORTATION, AUTOMOTIVE
Automotive transportation in Bulgaria. A. Malyshev. Avt. transp. 10 no. 10 59-60 O '62.

BULGARIAN LITERATURE—HISTORY AND CRITICISM
Atmosphere of creative enthusiasm. P. Petkov. Vop. lit. 6 no. 8,153 Ag '62.

BULGARIAN LITERATURE—PERIODICALS
"Literaturna misul", no. 2, 1962. Vop. lit. 6 no. 8,233 Ag '62

BULGARIANS
Basic theories of the origin of the ancient Bulgarians and written source materials from the 4th to the 7th century. V. T. Sirotenko. Uch. zap. Perm. gos. un. 20 no. 4:3-41 '61.

BULKHEADS (NAVAL ARCHITECTURE)
Calculation of blind corrugations for transverse loading. M. K. Shaikin. Trudy GPI 15 no. 1:65-73 '61 [i.e. '59].

BULLDOZERS
Sorokin, P. I. [Manual for a bulldozer operator] Posobie mashinista bul'dozera. Moskva, Avtotransizdat, 1962. 128 p.

BULLS
(see also subdivision under Azerbaijan)
Preservation and use of bull and ram semen in a frozen state. I. B. Matskepiadze and others. Zhivotnovodstvo 22 no. 2 77-78 F '60
Preservation of bull semen without cooling. A. I. Apkhipovets. Zhivotnovodstvo 23 no. 2 54-57 F '61.

BUMBLEBEES see subdivision under Arctic regions; Tula Province

BUNAKOV, MIKHAIL FEDOROVICH, 1837-1904
Visual aids in the pedagogical practice of N. F. Bunakov. L. Privalova. Nar. obr. no. 12 88-90 D '62

BUNT (DISEASE OF WHEAT) see Smuts

BURBANKITE
First find of burbankite in the U.S.S.R. L. S. Borodin, Yu. L. Kapustin. Dokl. AN SSSR 147 no. 2:462-465 N '62.

BURDENKO, NIKOLAI NILOVICH, 1876-1946
"In the name of life; a biography of academician N. N. Burdenko" by M. Mirskii. Reviewed by B. D. Petrov. Sov. med. 26 no. 7:153-154 Jl '62.

BURIAL see subdivision under Kara-Bulak (Balkan District)

BURMESE LITERATURE—HISTORY AND CRITICISM
Burmese literature of the 20th century. S. Elin. Vop. lit. 6 no. 8:158-161 Ag '62.

BURNERS
Burner design for furnaces with checkerwork [with summary in English]. V. P. Popov. Inzh.-fiz. zhur. 5 no. 6:29-33 Ag '62.

BURNING OF LAND
(see also subdivision under Armenia)
Flame cultivator for controlling dodders. K. IA. Kasulas, N. M. Kvetifeev. Zashch. rast. ot vred. i bol. 7 no. 7 18-19 Jl '62

BURNS AND SCALDS
Burns in children [with summary in English]. N. M. Chodan, N. D. Kazantseva. Vop. okh. mat. i det. 7 no. 4:81-85 Ap '62.
"Burns of the eyes and their adnexa" by S. M. Khaiutin. Reviewed by D. I. Berezinskaia. Vest. oft. no. 1:89-90 '62.
Characteristics of the course and treatment of severe thermal burns of the eyelids in radiation sickness in dogs [with summary in English]. P. V. Preobrazhenskii, V. A. Rezontov. Vest. oft. no. 4 7-13 '62.
First aid in burns. M. M. Gorbenko. Sov. med. 26 no. 7:102-103 Jl '62.
New trends in the study of the pathogenesis and in the pathogenic therapy of eye burns [with summary in English]. A. B. Katsnel'son. Vest. oft. no. 4:3-7 '62.
Prevention and treatment of lime burns of the eyes. B. T. Bakerenkov. Zdrav. Bel. 8 no. 2 55 F '62
Prevention of cicatricial contractures following burns in children. P. V. Zavialov. Vest. khir. no. 5:110-117 '62.
Thermal burns of the respiratory tract. G. D. Chirvina, N. I. Fedorov. Vest. khir. no. 6:48-50 '62.
Treatment of burns of the eye. K. A. Charyev. Trudy Turk. nauch.-issl. trakh. inst. 6 127-131 '60

BURSITIS
Surgical treatment of occupational bursitis in miners. V. M. Sokol'skii. Khirurgiia no. 12:90-92 '61

BURYAT-MONGOLIA—CASTRATION
Partial castration of male farm animals [with summaries in English, German, and French]. A. P. Kosykh. Vest. sel'khoz. nauki 7 no. 9 80-88 S '62

BURYAT-MONGOLIA—COAL MINERS
The best profession. IU. Oreshnikov. Sov. shakht. 11 no. 11 9 N '62

BURYAT-MONGOLIA—SHEEP
Dugarov, D. D. [Mixed brigades in sheep raising] Kompleksnye brigady v ovtsevodstve. Moskva, Sel'khozizdat, 1962. 53 p. (DNAL)

BUTADIENE
Chemistry of allyl chlorides. Part 6. Addition of α-chloromethyl- and α-chloroethyl acetates to isoprene, chloroprene, and divinyl. S. A. Vartanian, A. O. Tosunian, L. G. Mesropian. Zhur. ob. khim. 32 no. 11:3707-3711 N '62.
Polymerization of diene hydrocarbons under the influence of organomagnesium compounds [with summary in English]. B. A. Dolgoplosk and others. Vysokom. soed. 4 no. 9:1333-1337 S '62
Structure of butadiene-methylvinylpyridine crude rubber and of vulcanized rubbers based on it. L. G. Angert, A. I. Zenchenko, A. S. Kuz'minskii. Kauch. i rez. 21 no. 9,5-8 S '62.

BUTADIONE
Butadione in the treatment of bronchoblasts. E. A. Shmyreva, N. D. Beklemishev. Trudy Inst. kraev. pat. AN Kazakh. SSR 12 226-230 '62.

BUTANOL
Structure of the bromide $C_{10}H_{11}Br$, a product of bromination of 2-phenyl-2-butanol and 2-phenyl-2-butene. V. I. Pansevich-Kolyada. Zhur. ob. khim. 32 no. 10 3301-3303 O '62

BUTENE
Evaluation of the flexibility of polybutylene chains based on sorption data. G. M. Pavluchenko, T. V. Gatovskaia, V. A. Kargin. Dokl. AN SSSR 147 no. 1:150-152 N '62.
Polymerization of 1-phenyl-1-butene in the presence of a Ziegler type catalytic system. A. V. Topchiev, G. I. Chernyi, V. N. Andronov. Dokl. AN SSSR 146 no. 4 833-836 O '62.
Structure of the bromide $C_{10}H_{11}Br$, a product of bromination of 2-phenyl-2-butanol and 2-phenyl-2-butene. V. I. Pansevich-Kolyada. Zhur. ob. khim. 32 no. 10: 3301-3303 O '62

BUTENOL
Pyrophosphoric ester of 3-methyl-2-buten-1-ol. I. A. Vakulova and others. Dokl. AN SSSR 147 no. 1:103-105 N '62.

BUTENYNE
Chemistry of vinylacetylene. Part 30. Synthesis and transformations of vinylacetylenic cresols and their ethers. S. A. Vartanian, S. K. Vardapetian, Sh. O. Badanian. Zhur. ob. khim. 32 no. 10:3188-3195 O '62.
Vinylacetylene chemistry. Report No. 33. Synthesis and transformations of 1-chloro-4-methoxymethyl-2, 3-heptadiene and 1-chloro-5-methoxy-2, 3-pentadiene. S. A. Vartanian, A. O. Tosunian. Izv. AN Arm. SSR. Khim. nauki 15 no. 4 337-346 '62.
Vinylacetylene chemistry. Report No. 34. Hydration of vinylacetylene compounds containing a substituted benzene nucleus. S. A. Vartanian, S. K. Vardapetian, Sh. O. Badanian. Izv. AN Arm. SSR. Khim. nauki 15 no. 4:347-352 '62.
Vinylacetylene chemistry. Report No. 35. Some transformations of 2, 2-dimethyl-4-ethynyltetrahydropyran-4-ol. S. A. Vartanian, V. N. Zhamgorstian. Izv. AN Arm. SSR. Khim. nauki 15 no. 4:353-362 '62.

BUTTER—ANALYSIS AND EXAMINATION
Effect of milk fat polymorphism on the structure of butter. V. M. Vergelesov. Izv. vys. ucheb. zav.; pishch. tekh. no. 4:59-64 '62.

BUTTERFAT
Composition of butterfat in Black and White and Jersey cows and their crosses [with summaries in English, German, and French]. V. P. Aristova, S. E. Vlasova. Vest. sel'khoz. nauki 7 no. 9:69-75 S '62

BUTYL PHOSPHATE
Extraction of hydrofluoric acid by tributyl phosphate. G. P. Giganov, V. D. Ponomarev. Trudy Inst. met. i obog. AN Kazakh. SSR 5:108-114 '62.
Extraction of niobium by tributyl phosphate. G. P. Giganov, V. D. Ponomarev. Trudy Inst. met. i obog. AN Kazakh. SSR 5:119-124 '62.
Extraction of sulfuric acid by tributyl phosphate. G. P. Giganov, V. D. Ponomarev. Trudy Inst. met. i obog. AN Kazakh. SSR 5:125-128 '62.
Extraction of tantalum by tributyl phosphate. G. P. Giganov, V. D. Ponomarev. Trudy Inst. met. i obog. AN Kazakh. SSR 5,125-129 '62.
Interaction of tri-n-butyl phosphate with nitric acid and water. A. V. Nikolaev, K. E. Mironov, P. V. Karaseva. Dokl. AN SSSR 147 no. 2:380-383 N '62.

BYLINY
"Byliny of the Pechora and Zimniy Berag areas," edited by A. M. Astakhova and others. Reviewed by P. Lipets. Sov. etn. no. 5,163-166 S-O '62

BYZANTINE EMPIRE
The Byzantine Empire and the Bulgarians in the 5th and 6th centuries. V. T. Sirotenko. Uch. zap. Perm. gos. un. 20 no. 1,43-70 '61.

BYZANTINE EPIC LITERATURE see Epic literature, Byzantine

CABBAGE
Cultivation characteristics of forage cabbage on peat-bog soils. V. I. Makarov, G. F. Lebedeva. Zhivotnovodstvo 23 no. 2 20-22 F '61

CABBAGE—FERTILIZERS AND MANURES
Effect of cultivation practices on the biochemical properties of tomatoes and white head cabbage. A. L. Bel'dman, Liu-I (Liu-Li). Izv. vys. ucheb. zav.; pishch. tekh. no. 4:20-24 '62.

CABBAGE MAGGOT—EXTERMINATION see subdivision under Moscow Province

CABLES
Conductive rubbers in cable goods. N. P. Berezhna and others. Kauch. i rez. 21 no. 9,21-26 S '62.
Kucherin, V. K. [The theory of suspension systems; static analysis] Teoriia visiachikh sistem, statisticheskii raschet. Leningrad, Gosstroiizdat, 1962. 222 p.

CADMIUM
Effect of the triple point position on the condensation mechanism of metals in a vacuum, and some properties of Zn and Cd condensates. I. S. Palatnik, N. T. Gladkikh. Fiz. tver. tela 4 no. 8 2227-2232 Ag '62.
Measuring the lifetime of the 4^+ (1302 Kev) level of the Cd^{114} nucleus by the method of resonance scattering [with summary in English]. A. F. Akkerman and others. Zhur. eksp. i teor. fiz. 43 no. 4 1260-1271 O '62
Relation between impurity distribution and dislocations in cadmium crystals. I. B. Borovskii and others. Kristallografiia 7 no. 4:600 603 Jl-Ag '62

CADMIUM—ISOTOPES
Spectra of γ-rays and internal conversion electrons from the reaction Cd^{113} (np)Cd^{113}. L. V. Groshev and others. Izv. AN SSSR. Ser. fiz. 26 no. 8:970-982 Ag '62

CADMIUM BROMIDE
Crystal structure of cadmium bromide dipyridinate. T. I. Malinovskii, Yu. A. Simonov. Dokl. AN SSSR 147 no. 1, 96-98 N '62.

CADMIUM PLATING
Absorption phenomena and the electrodeposition of cadmium. A. V. Pantilov, V. S. Kuzub. Ukr. khim. zhur. 28 no. 8:939-944 '62.

CADMIUM SELENIDE CRYSTALS
Cubic modification of cadmium selenide. A. S. Pashinkin, R. A. Sapozhnikov. Kristallografiia 7 no. 1 823 Jl-Ag '62

CADMIUM SULFIDE CRYSTALS
Free and bound excitons in cadmium sulfide crystals and the analogue of the Mössbauer effect in optics. E. F. Gross, B. S. Razbirin, S. A. Permogorov. Dokl. AN SSSR 147 no. 2:338-341 N '62.

CADMIUM SULFIDE CRYSTALS—ELECTRIC PROPERTIES
Effect of copper impurities on the photoelectric properties of CdS monocrystals. H. A. Fedorus, V. D. Fursenko. Ukr. fiz. zhur. 7 no. 1:82-83 Ja '62.

CAFFEINE
Caffeine formation in tea plant shoots [with summary in English]. M. N. Zaprometov. Biokhimiia 27 no. 4: 679-684 Jl-Ag '62.

CAFFEINE—PHYSIOLOGICAL EFFECT
Effect of caffeine and barbamil on the secretory cycle of the thyroid gland [with summary in English]. M. G. Amiragova. Biul. eksp. biol. i med. 51 no. 7:54-58 Jl '62.
Influence of glutamic acid and caffeine on the amount of glutamine, ammonia, and glutamic and adenosinetriphosphoric acids in the greater hemispheres of the brain [with summary in English]. L. G. Uzbekova. Vop. med. khim. 8 no. 1:83-86 Ja-F '62.

CAISSON DISEASE see Decompression sickness

CALANUS
Rate of fat consumption at various temperatures and the life cycle of Calanus finmarchicus (Gunn.) and C. glacialis Jaschn. [with summary in English]. A. F. Sushkina. Zool. zhur. 41 no. 7:1004-1012 Jl '62.

CALCITE

Anisotropy of some physical properties of calcite. A G Teremetskaia, G I. Bocharova, V A Volchenkova Vest Mosk un Ser 4 Geol 17 no 5 44-49 S-O '62

CALCIUM

X-ray analysis of siderites containing calcium B.G Erenburg Zap. Vses min ob-va 91 no. 5 595-603 '62.

CALCIUM ALUMINATE

Temperature dependence of the metastable solubility of monocalcium aluminate Z D Tulovskaia, E E Segalova, P A Rebinder Dokl AN SSSR 147 no 1,153-154 N '62

CALCIUM ARSENITES

Calcium arsenite is toxic to the shield bug Eurygaster integriceps V. E Sharkova Zashch rast ot vred i bol 4 no 6 37-38 N-D '59

CALCIUM COMPOUNDS

Radiometric investigation of the formation of calcium compound films at the solution-air interface and their effect on adhesion in flotation M A Eigeles and others Dokl AN SSSR 147 no 1 166-169 N '62

CALCIUM FLUORIDE

Electron paramagnetic resonance in Gd^3 and $CaF2$. V F Vinokurov and others. Fiz tver. tela 4 no. 8 2238-2242 Ag '62.

CALCIUM IN THE BODY

Correlation of the calcium content in the serum and the temporal bone in otosclerosis [with summary in English]. V P. Fomina Zhur. ush , nos i gorl. bol 21 no 6 58-61 N-D '61

Quantity of proteins, potassium and calcium in the blood serum in patients with bronchial asthma [with summary in English] G Kh Lazidi. Vop. med. khim 8 no 1 30-34 Ja-F '62

CALCIUM METABOLISM

Changes in the phosphates and calcium of the blood and tissue following the administration of vitamin D2 G I. Kiselev Farm. i toks, 24 no. 6:738-741 N-D '61.

CALCIUM SILICATES

The relation of the properties of dicalcium silicate to the temperature of its synthesis. O. Starchevska. Bud mat. i konstr. 4 no 5:49-51 S-O '62.

CALCIUM SULFIDE

Optimum conditions for obtaining calcium sulfide from gypsum. A K Kir'ianov, P. A Pazdnikov, L. K. Udalov. [Sbor. trud.] Nauch.-issl. inst. met. no. 4 135-138 '61.

CALCULATING MACHINES

Mathematics and planning, some problems of the practical application of economic and mathematical methods and calculation techniques. L. M. Gatovskii, N. I. Kovalev. Vest. AN SSSR 32 no. 11:42-52 N '62.

Rounding-off errors by calculating machines with fixed points. B.V Vasil'ev Izm tekh no 11 3-6 N '62.

Using calculating machines in controlling and managing production processes. N. M. Kolpakov. Mekh. i avtom. proizv. 16 no. 10:51-53 O '62.

CALCULI

Case of phleboliths in the orbit. S. V Malaian. Trudy Erev. med inst. no. 11:421-425 '60.

Stone of the palatine tonsil N G. Zhurko. Zhur. ush., nos i gorl bol 21 no. 6 66-67 N-D '61.

CALCULI, URINARY

Recurrent pyelotomies and nephrotomies [with summary in English] A. M. Gasparian. Urologiia no 1:20-23 '62.

Tactics of treating bilateral kidney calculi [with summary in English]. Z. V. Fainshtein. Urologiia no. 1:23-26 '62.

CALCULUS—PROBLEMS, EXERCISES, ETC.

"A rigorous treatment of maximum-minimum problems in the calculus" by J. L. Walsh [in English]. Reviewed by I. P. Natanson. Zhur. vych mat. i mat fiz. 2 no. 6: 1145 N-D '62.

CALCULUS, INTEGRAL

Integral representations in perturbation theory [with summary in English] A Z Patashinskii Zhur eksp. i teor fiz 43 no 4 1371-1377 O '62

CALCULUS, OPERATIONAL

For a wide use of the operational calculus in machine design. B. K Kucherov. Izv. vys. ucheb zav , tekh. tekst prom. no 5 146-147 '62.

Kolobov, A. M. [Selected chapters from higher mathematics; Fourier series, Fourier integral, and operational calculus (for institutions of higher technical learning.)] Izbrannye glavy vysshei matematiki "Riad i integral Fur'e"; operatsionnoe ischislenie (dlia vtuzov). Minsk, Izd-vo M-va vysshego srednego spetsial'nogo i professional'nogo obrazovaniia BSSR, 1962. 227 p.

Operational calculus of Bessel operators. V. A. Ditkin, A. P. Prudnikov. Zhur. vych. mat. i mat. fiz. 2 no. 6: 996-1018 N-D '62.

CALCULUS OF DIFFERENCES see Difference equations

CALCULUS OF TENSORS

"Lectures on tensor calculus and differential geometry" by J. C. H. Gerretsen [in English]. Reviewed by N. A Rozenfel'd. Zhur. vych. mat i mat fiz. 2 no. 6:1146-1147 N-D '62.

CALCULUS OF VARIATIONS

Method of difference for a nonlinear one-dimensional variational problem. Z. A Vlasova Trudy Mat. Inst 66,196-204 '62.

CALENDARS

Fourth-century calendar from the land inhabited by the Poliane. B. A. Rybakov. Sov. arkheol. 6 no. 1:66-80 '62.

CALIBRATION

Calibrating electronic paramagnetic resonance pickups for magnetometry A. V. Kubarev. Izm tekh. no 9 43-46 S '62.

Calibrating platinum resistance thermometers in two points F Z Alieva Izm. tekh no 11 30-33 N '62.

Reciprocity calibration of vibration pickups. A F Kolesnikov. Izm tekh no 11 53-56 N '62

Simple device for calibrating thermocouples made of noble metals under dynamic conditions. Vanbo Pak, Iu. P Krinskii, I S. Belineva Izm. tekh no. 11 27-30 N '62.

CALLIGONUM—DISEASES AND PESTS see subdivision under Mugab Valley

CALLISTHENICS

Examination of the effectiveness of industrial callisthenics for intellectual workers. L N Nifontova. Teor. i prak. fiz. kul't. 25 no. 8:28-32 Ag '62.

Factory group council introduces physical education and sports into the daily life of workers and employees A. A. Volkov. Teor. i prak. fiz. kul't. 25 no. 8:13-16 Ag '62.

Study of the effectiveness of complexes of pauses for industrial callisthenics through determination of the speed of a motor reaction. I V. Lovitskaia, S L. Feigin. Teor. i prak. fiz kul't 25 no 6:70-72 Je '62.

CALORIMETRY

Energy losses by a beam of bremsstrahlung from the absorber of a calorimeter. Part 2. S P. Kruglov, L. V. Lopatin Zhur. tekh fiz. 32 no 11 1399-1403 N '62

Standard substances in calorimetry. Izm. tekh. no. 9: 36-37 S '62.

CAMBIUM

Effect of altitudinal zonality on the activity of cambium in arborescous plants. E D. Lobzhanidze. Dokl AN SSSR 147 no. 1:231-232 N '62.

CAMERAS

The "Kama" camera with a "Leningrad" exposure meter. A Golbov Sov. foto 22 no 10,36-37 O '62.

CAMERAS—PATENTS

Camera for the photography of moving subjects. V. K. Morgunov. Zhur. nauch. i prikl. fot. i kin. 7 no. 5348-353 S-O '62.

CAMERAS—TESTING

AFA-TEU aerial camera and testing it. V. N. Il'in, V. D. Derviz. Trudy TSNIIGAIK no. 146 3-15 '62.

CAMPBELL, WILLIAM WALLACE, 1862-1938

Outstanding American astronomer A. A Mikhailov. Priroda 51 no 11:96-98 N '62

CAMPING

Changes in the higher nervous activity in students vacationing in Pioneer camps. B. I. Temkin. Vop. kur., fizioter. i lech. fiz. kul't. 27 no. 2:128-130 Mr-Ap '62.

CAMPS

(see also subdivision under Crimea)

Summer vacations, sports and work; review of articles. Vest. vys. shkoly 20 no. 11:58-62 N '62.

CAMS

Analytic determination of the minimum radius of a cam. A. G. Ovakimov. Izv. vys. ucheb. zav., mashinostr. no. 6:28-34 '62.

Designing the profile of the gas distribution cam for engines. V. E. Kachugin. Izv. vys. uchob. zav.; mashinostr. no. 6:159-162 '62.

CANADA—AGRICULTURE

Canadian farmers under the yoke of monopolies. W. Bi-ching. Plan. khoz. 39 no. 11,79-85 N '62

CANADA—APPLE—DISEASES AND PESTS

Use of entomophages in the protection of apple orchards in eastern Canada. D. M. Shteinberg. Ent. obozr. 41 no. 2:300-305 '62.

CANADA—CEMENT INDUSTRIES

The cement industry of Canada. E. A. Solovnshkov. TSement 28 no. 5 20-21 S-O '62.

CANADA—DESCRIPTION AND TRAVEL

Hurbal', V. O. [Twenty days beyond the ocean] 20 dn. za okeanom. L'viv, Knizhkovo-zhurnal'noe vyd. vo, 1 30 p.

CANADA—DUST COLLECTORS

Techniques of separating and utilizing dust in [illegible] in cement plants of Canada. G. Ivlikhanov, [illegible] kyi. Bud. mat. i konstr. 1 no. 6 [illegible]

CANADA—INSECTS, INJURIOUS AND BENEFICIAL—BIOLOGICAL CONTROL

Use of entomophages in the protection of [illegible] in eastern Canada D. M Shteinberg [illegible] no 2 300-305 '62.

CANADA—KILNS, ROTARY

Techniques of separating and utilizing dust [illegible] in cement plants of Canada G. Ivlikhanov, [illegible] kyi Bud. mat. i konstr. 4 no. 5:57-60 S-O '62

CANADA—OCEANOGRAPHIC RESEARCH

Oceanographic organizations in Canada and their [illegible] subjects of their work [from foreign periodicals] [illegible] Minevich. Okeanologiia 2 no 5:917-918 '62

CANADA—WOMEN, UKRAINIAN

Mandryka, Hanna. [Selected works] Vybrane. Zahrei Stefanii Dubniak i Teodory Lavrynenkyn. Perekl. za Ol'hi Voitsenko. Winnipeg, Nakladnom Komitetu Ukrainok Kanady, 1962. 104 p.

CANALS

Laboratory studies of the discharge capacity [illegible] I. A. Valiafel'd. Trudy Gidrav. lab. V [illegible] 120 '62.

CANCER

Biochemical characteristics of some [illegible] in light of the concept of so-called cancer [illegible] I. F. Seifa. Vop. onk. 8 no. 6:106-111 '62

Chemotherapy of malignant tumors. B. I. M [illegible] Zdrav. Bel. 8 no. 7:46-50 Jl '62.

Connection between mucopolysaccharides of the [illegible] and intensity of growth of a cancerous tumor [with summary in English]. G. Grigalinovich. [illegible] no. 4 111-116 '62.

Control of mutation processes in cancerous cells. [illegible] Dubinin, L. V. Chetverzhanova, L. A. Rabotnova, [illegible] Dokl. AN SSSR 148 no. 1:917-920 O '62.

Effect of chemical preparations with antiblastic [illegible] on the cardiovascular system during treatment of malignant neoplasms [with summaries in English] [illegible] Mirallin, M. D. Khotlodnyi Sov. med. [illegible] Je '62.

Histochemical characteristics of Guerin's [illegible] [with summary in English]. J. I. [illegible] Latv. SSR no 4 117-121 '62.

Organization of cancer control in the U. S. A. [illegible] 8 no 6:3-8 '62

Radiation lesions in children as a result of treatment [illegible] ligmant and benign tumors [with summary in English] K. A. Moskacheva and others. Med. rad. [illegible] Jl '62.

Review of "International encouragement of research in the field of the control of cancer and diseases [illegible] Bel. 8 no. 7 91 Jl '62.

Some experimental data regarding the interrelationship between inflammation and cancer. I. M. [illegible] onk. 8 no. 6:74-80 '62.

CANCER—EXCISION

Surgeon's tactics in cancer patients' refusal of surgical treatment N. N. Aleksandrov. Zdrav Bel [illegible] F '62

CANCER RESEARCH

(see also subdivision under United States)

Changes in the complement titer in the sera of [illegible] during the process of development of Brown-Pearce carcinoma [with summary in English]. P. I. N [illegible] Biul. eksp. biol. i med. 54 no. 7:74-76 Jl '62

Effect of normal human sera on metabolism in [illegible] of Ehrlich's ascites carcinoma [with summary in English]. V. I Agol, V. G. Zaninvskii [illegible] no. 4 583-588 Jl-Ag '62

Effect of organ specific sera on the localization of Brown-Pearce tumor metastases [with summary in English] I. N. Maiskii, L. L. Khundanova. Biul. eksp. biol. i med. 54 no. 7:77-79 Jl '62.

Problem of experimental tumor models and some [illegible] problems [with summary in English]. P. [illegible] Vop. onk. 8 no. 6:88-99 '62.

Viruses and the origin of cancer L. A. Zil'ber Priroda 51 no. 11.33-40 N '62.

CANKER (PLANT DISEASE) see subdivision under Ukraine; Uzbekistan

CANNED BEEF see Beef, Canned

CANNED FISH see Fish, Canned

CANNED FOODS see Food, Canned

CANNING AND PRESERVING

Consultation. Kons i ov. prom. 17 no. 11:47 N '62

Preservation of okra. S. P. Ratkovskii, N. Ş. Bakuras. Kons i ov. prom. 17 no. 11:13 N '62

Tkachev, R. IA. [Deep-frying of vegetables and fish in canning] Obzharka ovoshchei i ryby pri proizvodstve konservov. Moskva, Pishchepromizdat, 1961. 89 p. (Biblioteka molodogo rabochego)

CANNING AND PRESERVING—EQUIPMENT AND SUPPLIES

Vacuum deep-frying of food products in vegetable oil. T. L. Romatovskaia. Izv. vys. ucheb. zav.; pishch. tekh. no. 4:65-67 '62.

CANNING INDUSTRY
(see also subdivision under Kirghizistan, Kuban, Rostov Province)

From pages of newspapers. Kons i ov. prom. 17 no. 11:17-18 N '62

Quality of electrolytically tin plated sheet steel and its use in the canning industry. T. P. Plotnikova, G. G. Andreeva. Sbor. trud. TSNIICHM no. 28:173-177 '62.

State of the canning industry on the 45th anniversary of the Great October Socialist Revolution. Kons i ov. prom. 17 no. 11:1-3 N '62

CANNING INDUSTRY—EQUIPMENT AND SUPPLIES

Power of the drive of vegetable cutting machines. N. V. Morozov. Izv. vys. ucheb. zav.; pishch. tekh. no. 4:114-120 '62.

CANONIZATION

Act of the Holy Synod. Zhur. Mosk. Patr. no. 9:3-4 S '62.

Decisions of the Holy Synod. Zhur. Mosk. Patr. no. 9:5 S '62.

CAPILLARIES

Capillaroscopic picture in patients with latent and chronic brucellosis. S. Musabekov. Trudy Inst. kraev. pat. AN Kazakh. SSR. 12:160-169 '62

Capillary reactions to the action of drugs and thermal agents in injuries to the nerves of the extremities [with summary in French]. E. I. Nikulenko. Zhur. nevr. i psikh. 62 no. 6:853-855 '62

Technique for capillarography. L. K. Pikushchak. Vrach. delo. no. 8:135-136 Ag '62

CAPILLARIES—PERMEABILITY

Permeability and resistance of the vascular walls in patients during X-ray therapy. A. S. Smagulov. Zdrav. Kazakh. 22 no. 6:24-28 '62.

Trypan skin test for studying the permeation of blood-carrying capillaries in the case of poisoning by snake venom. A. T. Berdyeva. Izv. AN Turk. SSR. Ser. biol. nauk. no. 5:67-71 '62.

CAPILLARITY

Capillary rise of water in sandy soils of various moistures. S. A. Vladychenskii. Pochvovedenie no. 10:62-66 O '62.

Special properties and viscosity of liquids condensed in capillaries. B. V. Deriagin, N. N. Fedikin. Dokl. AN SSSR. 147 no. 2:403-406 N '62.

CAPITAL see subdivision under Kazakhstan

CAPITAL INVESTMENTS
(see also subdivision under Europe, Eastern)

Use of mathematical methods in establishing an efficient variant of capital investments. V. Beshenkovskii. Nauch. dokl. vys. shkoly, ekon. nauki. 5 no. 6:40-45 '62.

CAPITAL INVESTMENTS—ACCOUNTING

Trakhtengerts, A. IA. [Accounting for capital investments and capital construction] Bukhgalterskii uchet kapital'nykh vlozhenii i kapital'nogo stroitel'stva. Pod red. F. A. Moskovskogo. Moskva, Gosenergoizdat, 1962. 565 p.

CAPITALISM

Academician E. Varga's studies of contemporary capitalism. A. Milelkovskii. Nov. vrem. 20 no. 48:12-14 N '62.

Akademiia nauk SSSR, Institut mirovoi ekonomiki i mezhdunarodnykh otnoshenii [The 22d Congress of the CPSU on the crisis of world capitalism] XXII s"ezd KPSS o krizise mirovogo kapitalizma. Otv. A. A. Arzumanian. Red. kollegiia: N. N. Kuchinskii i dr. Moskva, Ekonomizdat, 1962. 277 p.

CAPITALISTS AND FINANCIERS see subdivision under United States

CAR WHEELS

Medvedev, N. F. [Wheel pairs of electrified rolling stock] Kolesnye pary elektropodvizhnogo sostava. Moskva, Transzheldorizdat, 1962. 42 p. (Bibliotechka mashinista elektrovoza)

CARBAMIC ACID

A means against the root knot nematode. L. IU. Damanskaia. Zashch. rast. ot vred. i bol. 4 no. 6:41 N-D '59.

Organic insectifungicides. Part 66. Synthesis and insecticide properties of esters of certain carbamic acids. K. D. Shvetsova-Shilovskaia and others. Zhur. ob. khim. 32 no. 10:3230-3232 O '62.

CARBENE

Addition of the carbethoxycarbene to chloroprene. I. A. D'iakonov, T. V. Nitovkina, V. M. Grebenkina. Zhur. ob. khim. 32 no. 10:3450 O '62.

CARBIDES

Thermionic properties of metal carbides of IV and V groups. B. V. Bondarenko, S. V. Ermakov. Radiotekh. i elektron. 7 no. 12:2099-2101 D '62.

CARBOHYDRATE METABOLISM

Carbohydrate metabolism in spring cereals planted in fall. TS. M. Khashes. Agrobiologiia no. 5:696-699 S-O '62

CARBOHYDRATES

Study of the conditions for purifying hydrolysates and the composition of the nutrient media for the biosynthesis of penicillin on a base of carbohydrates from wood hydrolysates and agricultural wastes. P. A. Iakimov and others. Trudy Len. khim.-farm. inst. no. 15:17-22 '62.

CARBON

Elastic production of π^0-photomesons on carbon at an energy of 155 Mev. [with summary in English]. B. B. Govorkov, S. P. Denisov, E. V. Minaric. Zhur. eksp. i teor. fiz. 42 no. 4:1010-1012 Ap '62.

Oxygen sorption during the combustion of carbon (coke) [with summary in English]. L. N. Khitrin, M. B. Ravich, L. L. Kotova. In. h.-fiz. zhur. 5 no. 8:17-22 Ag '62

CARBON—ANALYSIS

Using high-frequency heating for the determination of carbon content in alloys. S. V. Bezobrazov, A. G. Penomarenko, P. F. Agafonov. [Sbor. trud.] Nauch.-issl. inst. met. no. 1:181-183 '61.

CARBON—ISOTOPES

Determination of the activity of carbon in solid iron. E. F. Petrova, L. A. Shvartsman. Zav. lab. 28 no. 11:1334-1337 '62.

CARBON BLACK

Pentaphthalic resins as surface-active peptizators of carbon black. A. A. Trapeznikov, M. A. Chupeev. Dokl. AN SSSR. 147 no. 2:422-425 N '62.

CARBON COMPOUNDS

Investigating the coagulation process in the formation of carbon chain compound fibers. B. E. Geller. Shor. nauch.-issl. rab. TTI no. 12:193-212 '61

CARBON DIOXIDE

Comparative evaluation of methods for determining the intensity of soil respiration [with summary in English]. V. N. Mina. Pochvovedenie no. 10:96-100 O '62

Macroscopic kinetics and the mechanism of urea synthesis from ammonia and carbon dioxide. N. A. Gol'tberg, L. N. Altshuler. Khim. prom. no. 9:638-642 S '62

Thermal and physical characteristics of carbon dioxide. Energomashinostroenie. 8 no. 10:47-48 O '62.

CARBON ELECTRODES see Electrodes, Carbon

CARBON MONOXIDE

Synthesis of esters and other derivatives of carboxylic acids under conditions of acid catalysis from carbon monoxide, olefins, and acylating compounds. Part 8. Synthesis of carboxylic acids and their esters from C3-C5 alcohols and carbon monoxide. IA. T. Eidus, K. V. Puzitskii, K. G. Rtabova. Zhur. ob. khim. 32 no. 10:3195-3201 O '62

CARBON MONOXIDE—TOXICOLOGY

Capacity of some tissues of the animal body to regenerate dehydroascorbic acid in chronic carbon monoxide poisoning. V. M. Nizhegorodov. Zdrav. Bel. 8 no. 7:64-66 Jl '62.

CARBON OXIDE

Carbon suboxide and some of its reactions. Part 14: Interaction of carbon suboxide with 2-amino-5-alkylthiazoles and 2-aminobenzothiazoles. L. B. Dashkevich, E. N. Kuvaeva. Zhur. ob. khim. 32 no. 11:3768-3770 N '62.

CARBON-SILICON-IRON ALLOYS see Iron-silicon-carbon alloys

CARBONATED BEVERAGES see Soft drinks

CARBONATED WATERS see Mineral waters

CARBONATITES see subdivision under Murmansk Province

CARBONIC ACID

Alkyl esters of phosphazocarbonic acid. G. I. Derkach and others. Zhur. ob. khim. 32 no. 11:3750-3761 N '62.

CARBONIC OXIDE see Carbon monoxide

CARBONYLHEMOGLOBIN

Quantitative determination of carboxyhemoglobin at various periods following death in forensic medical practice. O. A. Vinogrets. Sud.-med. ekspert. 5 no. 4:23-27 O-D '62.

CARCINOGENESIS

Blastomogenic action of small quantities of radioactive isotopes [with summary in English]. N. A. Krasovskii, V. N. Shtraitsova, IU. I. Moskalev. Med. rad. 7 no. 7:68-72 Jl '62

Carcinogenesis and cell heredity [with summary in English]. IU. M. Olenov. Vop. onk. 8 no. 6:51-63 '62.

Role of antibodies in the pathogenesis of malignant growth [with summary in English]. L. N. Maiskii. Biul. eksp. biol. i med. 54 no. 7:69-74 Jl '62.

CARDIAC ANEURYSMS

Petrovskii's operation in a case of cardiac aneurysm caused by a wound. V. A. Smirnov. Khirurgiia no. 1:132-131 '62.

Three operations for cardiac aneurysm [with summary in English]. V. I. Kazanskii, L. G. Khoritonov. Khirurgiia no. 1:35-38 '62

CARDIAC ARREST see Heart failure

CARDIAC CATHETERIZATION

Determining the minute volume of the heart by means of catheterization in acquired heart defects. V. E. Dashkovskii. Vrach. delo no. 8:60-63 Ag '62

CARDIAC DISEASES see Heart—Diseases

CARDIAC GLYCOSIDES

Characteristics of the action of erysimine under conditions of experimental hypoxia. T. F. Kuznetsova, A. D. Safonova. Farm. i toks. 21 no. 6:723-726 N-D '61.

Treatment of chronic circulatory insufficiency using cardiac glycosides of the digitalis and strophanthin types. T. S. Muntsakanov. Trudy Erev. med. inst. no. 11:197-201 '60.

CARDIOSPASM

Some pathogenic and therapeutic problems in cardiospasm. A. V. Fedinets. Khirurgiia no. 1:123-125 '62

Surgical treatment of cardiospasm. N. A. Zakharov. Khirurgiia no. 12:28-35 '61.

Surgical treatment of cardiospasm [with summary in English]. M. V. Danilenko, TS. K. Borzhievskii. Khirurgiia no. 12:36-38 '61

CARDIOVASCULAR AGENTS

Effect of pharmacological preparations on coronary circulation under conditions of chronic test on dogs with experimental atherosclerosis [with summary in English]. Z. T. Samoilova. Farm. i toks. 24 no. 6:663-666 N-D '61.

CARDIOVASCULAR SYSTEM

Effect of chemical preparations with antiblastic action on the cardiovascular system during treatment of malignant neoplasms [with summary in English]. S. S. Mindlin, M. D. Kholodnyi. Sov. med. 26 no. 6:60-64 Je '62.

Evaluation of the phenomenon of "endless tone" in functional tests of the cardiovascular system. V. N. Volkov. Teor. i prak. fiz. kul't. 25 no. 8:69-72 Ag '62.

State of the cardiovascular system in peptic ulcer following resection of the stomach. IU. N. Luganskii. Vrach. delo no. 8:81-82 Ag '62.

CARDIOVASCULAR SYSTEM—DISEASES
(see also subdivision under Kuybyshev)

Cardiovascular changes in children in chronic diseases of the liver and gall bladder [with summary in English]. R. A. Kaliuzhnaia. Vop. okh. mat. i det. 7 no. 7:45-50 Jl '62.

Cardiovascular diseases as a cause of temporary disability. L. A. Rutkovskii. Sov. zdrav. 21 no. 8:35-40 '62.

Dynamics of cardiovascular system changes in workers in shops using the chloroprene group. V. M. Avakian and others. Trudy Erev. med. inst. no. 11:237-239 '60.

Effect of meteorological conditions and the seasons on the incidence of acute cardiovascular diseases. M. IU. Akhmedzhanov, R. N. Polikarova, S. N. Kolosova. Vop. kur., fizioter. i lech. fiz. kul't. 27 no. 2:109-111 Mr-Ap '62.

Should one direct patients with cardiovascular diseases to southern seaside resorts during the hot summer months? N. I. Speranskii, IA. I. Danenkov. Vop. kur., fizioter. i lech. fiz. kul't. 27 no. 2:97-102 Mr-Ap '62

Study of cardiovascular disease incidence among workers with temporary disability. L. IA. Burlova, V. A. Elizarov. Sov. zdrav. 21 no. 8:40-47 '62.

CARE OF THE SICK

Domiciliary clinics. V. D. Baida. Sov. zdrav. 21 no. 8:13-15 '62.

CARICATURES AND CARTOONS

"Forty years; notes of an artist satirist" by Boris Efimov. Reviewed by E. Solovieva. Nar. obr. no. 11:120-121 N '62.

CARNALLITE

"Woodstone" made with natural carnallite. S. Gavrilov. Stroitel' 8 no. 10:15 O '62.

CAROB see subdivision under Apsheron Peninsula

CAROTID ARTERY—LIGATURE

Characteristics of the peripheral blood in multiple induced cerebral anemia E V Leonova Zdrav Bel 8 no 2 36-39 F '62

Ligature of the external carotid artery in hemorrhages following tonsillectomy B M Lifshits Zhur ush., nos. i gorl bol 22 no 2 78-80 Mr-Ap '62

CAROTID BODY—INNERVATION

Anichkov, S. V., and M. L. Belen'kii. [Pharmacology of the chemoreceptors of the glomus caroticum] Farmakologiia khimioretseptorov karotidnogo klubochka. Leningrad, Medgiz, 1962. 199 p.

CAROTID BODY—TUMORS

Clinical aspects and treatment of carotid gland tumors F. P. Kadyrov. Vest khir no 6 66-68 '62

CARP

(see also subdivision under Issyk-Kul')

All-Union Conference on the use of Ctenopharyngodon and Hypophthalmichthys in commercial fishing. A. P. Makeeva. Vop ikht. 2 no. 2 380-383 '62

Survival increase in the progeny of carp (Cyprinus carpio L.) [with summary in English] I. I. Kuznetsova Zool zhur 41 no. 9 1367-1373 S '62.

CARP—DISEASES AND PESTS

Philometrosis of the carp in fish ponds in the Latvian S S R [with summary in English] K Vismanis Izv. AN Latv SSR no 4 83-96 '62

CARPATHIAN MOUNTAIN REGION—PASTURES AND MEADOWS—FERTILIZERS AND MANURES

Effectiveness of mineral fertilizers in the meadows of the Carpathian Mountain region and the Carpathian Mountains S V Beket Visnyk sil'hosp nauky 5 no 5 38-42 My '62

CARPATHIAN MOUNTAIN REGION—POTATOES—*FERTILIZERS AND MANURES*

Effect of potassium fertilizers of the Carpathian Mountain region on the yield and quality of potatoes in peat soils T A Zholkevych. Visnyk sil'hosp nauky 5 no 6 104-106 Je '62

CARPATHIAN MOUNTAINS—DANNEMORITE

Find of dannemorite in the Chivchinskiye Mountains (Carpathians). O. I. Matkovskii. Dokl. AN SSSR 146 no. 4 893-896 O '62.

CARPATHIAN MOUNTAINS—EARTHQUAKES

Earthquakes in the Carpathians in 1959. O. Y. IUrkevych. Kat. karp. zemletrus. no. 5 8-11 '59.

List of Carpathian earthquakes in 1959. Kat. karp. *zemletrus. no. 5, 7 '59.*

CARPATHIAN MOUNTAINS—EARTHQUAKES—MAPS

Selection of a map projection for processing Carpathian earthquakes. O. I. IUrkevych. Kat. karp. zemletrus. no. 5, 39-40 '59.

CARPATHIAN MOUNTAINS—EROSION

Studying soil erosion by the method of small drainage basins O V Plashchov Visnyk sil'hosp nauky 5 no 5 106-108 My '62

CARPATHIAN MOUNTAINS—SEISMOMETRY

Dynamic characteristics of focuses of stronger deep Carpathian earthquakes. IE. A. Sahalova. Kat. karp. zemletrus. no. 5, 12-28 '59.

CARPATHO-UKRAINE see Transcarpathia

CARPENTER ANTS see subdivision under Tien Shan

CARPENTER MOTHS—EXTERMINATION see subdivision under Crimea

CARPENTRY

Improve the quality of carpenter work. B. D. Fedortsov. Stroi. tarkhit. Len. 24 no. 10:21-22 O '62.

CARPOCAPSA see subdivision under Ukraine

CARPOCAPSA—EXTERMINATION see subdivision under Ukraine

CARROTS—DISEASES AND PESTS see subdivision under Altai Territory

CARTILAGE—TRANSPLANTATION

Fixation of the transplant in removing a collapse of the dorsum nasi in the cartilaginous section [with summary in English]. G. I. Pakovich Zhur. ush., nos. i gorl bol 22 no 2 15-18 Mr-Ap '62.

CARTOGRAPHY

Gospodinov, G. V., and others. [Handbook of practical assignments in surveying] Rukovodstvo k prakticheskim zaniatiiam po geodezii, *kameral'nye raboty*, Moskva, Mosk. gos. univ. im. M. V. Lomonosova, 1962. 118 p.

CARTOGRAPHY—BIBLIOGRAPHY see Bibliography—Cartography

CARTOGRAPHY—STUDY AND TEACHING

Cartographic knowledge of a geography teacher, A Gedymin, M. Studenikin Nar obr. no. 11:19-21 N '62

CASE HARDENING

From the Exhibition of the Achievements of the National Economy. G. U Dashevskaia Metalloved. i term. obr. met. no 8 52-54 Ag '62

Increasing the heat-resistance of tool steel N. A. Nesterov, IU. V. Gedina. Izv. vys. ucheb. zav., chern. met. 5 no. 10 125-130 '62.

CASE HARDENING—EQUIPMENT AND SUPPLIES

Automatic control of carbon potential in gas carburizing. IU. M. Brunzel' and others Metalloved. i term. obr. met. no. 11 11-46 N '62.

CASPIAN DEPRESSION—GAS, NATURAL—GEOLOGY

Characteristics of the distribution of oil and gas pools in the southern part of the Caspian Depression V. A. Gorin Sov geol 5 no 6:33-42 Je '62

CASPIAN DEPRESSION—PETROLEUM GEOLOGY

Characteristics of the distribution of oil and gas pools in the southern part of the Caspian Depression V. A. Gorin, Sov geol. 5 no 6 33-42 Je '62

CASPIAN SEA

Vasil'ev, M. V. [Rivers will flow backwards...] Reki vspiat' potekut... Moskva, Geografgiz, 1962. 60 p. (Narodnaia biblioteka Priroda i chelovek)

CASPIAN SEA—ROACH (FISH)

Characteristics of the mature roe of roach (Rutilus rutilus caspicus Jak.) in relation to the nature of the spawning stock IU. I. Cheprakova, S. G. Vasetskii. Vop ikht. 2 no 2 262-274 '62.

CASPIAN SEA—SALINE WATERS

Change in the salinity of the water of the southwestern part of the northern Caspian N A. Skriptunov Trudy GOIN no. 66:80-95 '62

CASPIAN SEA—STURGEONS

Dream about the Caspian Sea. N. Mar Nauka i zhizn' 29 no. 5 75-79 My '62

CASPIAN SEA—SUBMARINE TOPOGRAPHY

Origin of the relief of the continental slope of the central Caspian. L. I. Lebedev. Okeanologiia 2 no. 5:874-880 '62.

CASPIAN SEA REGION—GEOLOGY

Distribution and conditions of occurrence of the transitional complex in regions of the Epihercynian platform adjoining the Caspian Sea. M. F. Mirchink and others. Dokl. AN SSSR 146 no. 4, 884-886 O '62.

CASPIAN SEA REGION—MAMMALS

History and present state of mammals on the islands of the Caspian Sea [with summary in English] A. A Lavrovskii, Z. I. Pishvanov Zool zhur, 41 no 9, 1386-1394 S '62.

CASPIAN SEA REGION—MEDICAL SOCIETIES

Doctors Society in the trans-Caspian region B V. Lunin, Zdrav. Turk. 6 no 2:40-45 Mr-Ap '62.

CASPIAN SEA REGION—PALYNOLOGY

Spore-pollen complexes of Mesozoic oils in the Oloynikovskoye field A. N. Guseva, T A. Osipova. Vest Mosk. un Ser. 4 Geol. 17 no 5 34-35 S-O '62.

CASPIAN SEA REGION—SALT DOMES

Microstructural analysis of salt core in a dome in the Caspian Sea region. S. A. Dolgikh Sov. geol. 5 no 8, 138-142 Je '62

CAST IRON—HEAT TREATMENT

Self-annealing of cast iron in liquid media. M. M. Brilakh, V. I. IAsnogorodskii. Lit. proizv. no. 8:21-24 Ag '62.

CAST IRON—METALLOGRAPHY

Characteristics of cast iron growth. G. F Tikhonov. Metalloved. i term. obr. met. no. 8 2-6 Ag '62.

Decomposition of cementite during the annealing of white cast iron. V. P. Kardash. Metalloved. i term. obr. met. no. 8:17-18 Ag '62.

Effect of arsenic on the formation of *austenite in gray* cast iron. A. I. IAisenko. Metalloved. i term. obr. met no. 8:6-9 Ag '62.

Homogenizing annealing of *magnesium cast iron*. R P. Todorov, G. I. Koshovnik. Metalloved. i term. obr., met. no. 8 10-11 Ag '62.

Pearlitic border in ferritic cast iron. IA. N. Malinochka. Lit proizv. no. 9.34-37 S '62.

Primary factors of structure formation and the quality of cast iron D P Ivanov Lit proizv no 9 1-6 S '62.

Radiography and radiometry of inoculated cast iron with spheroidal graphite. A. P. Liubchenko, IU. G. Bobro, M. V. Mozharov. Metalloved. i term. obr. met. no. 8: 15-17 Ag '62.

Theory of the graphitization process of white cast iron. B. I. Snezhnoi, E. G. Titenskii. Lit proizv. no. 9:29-31 S '62

X-ray determination of stresses in chilled cast iron rolls. M. V. Shtal'man. Metalloved. i term. obr. met. no. 8:19-21 Ag '62.

CAST IRON—METALLURGY

Inoculation of cast iron by boric acid A. P. Zakharov Lit proizv no 9 19 S '62

Making converter pig iron with a complete removal of manganese ore from the charge N I Ivanov, A. Ye Dovlet', Met. i gornorud. prom no. 2 7 10 Mr-Ap '62.

Top blowing of cast iron in reverberatory furnaces. N. A Voronova, IU N. Khlibnikov Met. i gornorud prom no. 2 65-70 Mr-Ap '62

Upon cooling of magnesium-treated cast iron. A. A. Kharapov, V. I. Bedarev. Izv. vys. ucheb. zav., chern. met. 5 no. 10 131-136 '62.

CAST IRON—TESTING

Device for the control of the hardness of malleable cast iron parts P. I. Rubin and others LIK, proiz no 8 38-39 Ag '62

Experimental determination of the elastic modulus of some brands of structural cast iron V. I. Mikhailov, Izv. vys. ucheb. zav., mashinostr., no. 6:111-121 '62

Relaxation strength of highly resistant cast iron with spheroidal graphite V. Z Tseitlin, N. I Kalugina Metalloved. i term. obr. met no. 8 11-14 Ag '62

Strength of certain cast iron under the effect of heat at sheeting. I. A. Voskuikov, O. A Maikov. LIK proiz no. 8:9-10 Ag '62

CAST IRON—WELDING

Electric slag welding of cast iron V I Dudko, et al Avtom svar 15 no 10 66-67 O '62

CAST-IRON PIPE see Pipe, Cast-iron

CAST STONE see Stone, Cast

CASTING, CONTINUOUS see Continuous casting

CASTRATION see subdivision under Buryat Mongolia

CATALASE

Catalase activity of the blood in various gangrenous lesions [with summary in English] S I Kraikov Biokhimiia 27 no 4 500-504 Jl-Ag '62

Effect of calcium carbonate on the growth of corn and the activity of its enzymes. O I. Kolodna Dokl AN B 147 no. 1,237-239 N '62.

CATALOGS, UNION

[Union list of new foreign books, received by the libraries of the U. S. S. R. Series A: Natural sciences, medicine, agriculture, technology] Svod. bibl. nov. inostr. knig, postup. v bibl. SSSR, Ser. A: Est. nauki, med., s.-kh., tekh. no. 4 '62.

[Union list of new foreign books, received by the libraries of the U. S. S. R. Series B: Social sciences] Svod. bibl. nov. inostr. knig, postup. v bibl. SSSR. Ser. B. Obshch. nauki no. 3 '62.

CATALYSIS

Catalytic oxidation of propylene to acrolein in the presence of inert diluents. A. G. Bolotnikova and others. Kin. i kat. 3 no. 2:252-256 Mr-Ap '62.

Chain characteristics of surface reactions. M. I. To... L. O. Apel'baum. Probl. fiz. khim. no. 1 94-100 '58

Determination of small amounts of molybdenum in its salts by its catalytic effect on the reaction of hydrogen peroxide with potassium iodide. I. V. Plotnikaki, I. P. Kalashnik. Ukr. khim. zhur. 28 no. 5:673-676 '62

Irreversible polarographic catalytic space waves of hydrogen V G. Levich, B I. Khaikin. Dokl. AN SSSR 147 no 1:110-140 N '62.

Kinetics of ethylene catalytic oxidation. A. I. Kontorovich and others. Kin. i kat. 3 no. 2:208-213 Mr-Ap '62.

Kinetics of the catalytic oxidation of benzene to maleic anhydride. I. I. Ioffe, A. G. Liubarskii. Kin. i kat. 3 no. 2:261-271 Mr-Ap '62.

Leningrad. Universitet. [Low-temperature catalytic conversions of hydrocarbons] Nizkotemperaturnye kataliticheskie prevrashcheniia uglevodorodov. [Leningrad] 1962. 186 p.

Mechanism underlying the action of complex catalysts in the process of polymerization. B. A. Dolgoplosk, E. I. Tinkova. Dokl. AN SSSR 146 no. 4:856-859 O '62.

Possibility of using secondary ion-ion emission phenomena in studying heterogeneous catalytic reactions. IA. M. Fogel' and others. Dokl. AN SSSR 147 no. 2:114-117 N '62.

Problems in the kinetics and mechanism of heterogeneous catalytic oxidation of organic compounds. I. I. Ioffe. Kin. i kat. 3 no. 2:175-186 Mr-Ap '62.

Study of the catalytic activity of pepsin with the aid of O^{18}. L. V. Kozlov and others. Dokl. AN SSSR 146 no. 4:845-848 O '62.

Theory of similitude principles applied to heterogeneous catalysis. G. K. Boreskov, M. G. Slin'ko. Khim. prom no. 6:418-424 Je '62.

Transfer processes in the oxidation of propylene to acrolein, IA. B. Gorokhovatskii, E. N. Popova, M. IA. Rubanik. Kin. i kat. 3 no. 2:230-239 Mr-Ap '62.

CATALYSIS—CONGRESSES

All-Union Conference on Heterogeneous Catalytic Oxidation of Organic Compounds. I. Ioffe. Kin. i kat. 3 no. 2:171-174 Mr-Ap '62.

CATALYSTS
Catalytic oxidation of propylene to acrolein in the presence of selenium. B.D.Kruzhalov, L.B.Shestukhin, A.M.Garnish Kin.i kat. 3 no.2 247-251 Mr-Ap '62.
Certain aspects of the theory of catalyst selection. G.K.Boreskov Probl fiz.khim. no.1:101-110 '58.
How to eliminate the excessive consumption of catalysts. I.M.Dronkin Neftianik 7 no 4 14 Ap '62
Kinetics of furfurole catalytic oxidation. V.A.Slavinskii and others. Kin.i kat 3 no.2 276-281 Mr-Ap '62.
Margolis, L.IA. [Heterogeneous catalytic oxidation of hydrocarbons; synthesis of monomers] Geterogennoe kataliticheskoe okislenie uglevodorodov; sintez monomerov. Moskva, Gostoptekhizdat, 1962. 246 p.
Modification of hydrocarbon oxidation catalysts. L.IA. Margolis and others. Kin.i kat. 3 no.2 101-108 Mr-Ap '62.
Modifying action of additives on the ethylene oxidation catalyst. V.E.Ostrovskii and others. Kin.i kat. 3 no.2 189-193 Mr-Ap '62
More on the problem of synthesis of catalysts for oxidation of paraffin wax by air. A.A.Perchenko, M.A Marchenko, N.P Shukhova. Masl.-zhir.prom 28 no.7 25-27 Jl '62.
Oxidation of propylene to acrolein on Cu/Al_2O_3 modified with molybdenum oxides. L.M.Kalibaeva, V.A.Piloslan, N.I.Popova. Kin.i kat. 3 no.2 237-240 Mr-Ap '62.
Polymerization of 4-phenyl-1-butene in the presence of a Ziegler type catalytic system. A.V.Topchiev, G.I. Chernyi, V.N.Andronov. Dokl.AN SSSR 146 no.4 833-836 O '62.

CATALYSTS, COPPER
Kinetics of oxidation of propylene to acrolein on a copper catalyst. V.M.Belousov, IA.B.Gorokhovatskii, M.IA. Rubanik. Kin.i kat. 3 no.2 221-229 Mr-Ap '62.
Oxidation of some unsaturated hydrocarbons on copper catalysts. N.I.Popova, E.E.Vermel', F.A.Mil'man. Kin.i kat. 3 no.2 241-246 Mr-Ap '62.

CATALYSTS, SILVER
Effect of preparation techniques on the specific activity of silver in ethylene oxidation. A.A.Belaia, M.IA.Rubanik. Kin.i kat. 3 no.2:201-207 Mr-Ap '62.

CATAPHORESIS
Theory of the thermophoresis of large solid aerosol particles. B.V.Deriagin, S.P Bakanov. Dokl.AN SSSR 147 no.1:139-142 N '62.

CATARACT
Cataract and pregnancy. O.IU. Akhmedzhanova. Trudy Turk. nauch.-issl.trakh.inst. 6,133-137 '60.
Studies on biochemical disorders in the tissues of the eye in glaucoma [with summary in English]. D.S.Kovalev. Vest.oft. no.1 8-12 '62.

CATATONIA
Acute delirium syndrome in periodic catatonia and in infections [with summary in French] A.N. Molokhov. Zhur. nevr.i psikh 62 no 6:868-873 '62.

CATECHOL
Study of the catechins of the mountain rhubarb [with summary in English]. T.K Chumbalov, L.T Pashinina. Biokhimiia 27 no.4 651-655 Jl-Ag '62.

CATHODES
Field emission of TaB_2. T.L Matskevich, T.V.Kirichino, A.P.Kazantsev. Radiotekh.i elektron. 7 no.11 1972-1973 N '62.
Interpretation of Schottky's curves of transistor thermocathodes. A.A.Ostroukhov. Radiotekh.i elektron. 7 no.12:2072-2075 D '62.
Voltampere characteristics of cathodes with a metal-dielectric film-metal structure. G.S.Kreinina. Radiotekh.i elektron. 7 no.12:2096-2099 D '62.

CATHOLIC CHURCH
Andreev, M.V. ["Secrets" of the Vatican] "Tainy" Vatikana. Moskva, Izd-vo "Znanie," 1962. 80 p. (Prochti tovarishchi)
"Russia and the papacy" [in German] by Ed. Winter. Vols. 1-2. Reviewed by O.K.Kasymenko, M.F. Pliavko. Ukr.ist.zhur. 6 no.5:136-139 S-O '62.

CATION-EXCHANGING COMPOUNDS see Base-exchanging compounds

CATS see subdivision under Kara Kum

CATTLE
(see also subdivision under Bukovina)
"Cattle" by N.P. Gerchikov. Reviewed by A.N. Shaposhnikov, V.I.Kalinin. Zhivotnovodstvo 22 no.2:91-94 F '60.

CATTLE—DISEASES AND PESTS
(see also subdivision under Azerbaijan)
Sterility in cattle and measures for its control. P.I. Shatalov. Zhivotnovodstvo 22 no.2 51-55 F '60.

CATTLE—FEEDING AND FEEDS see subdivision under Ukraine

CATTLE—PHYSIOLOGY
The enzymes ribonuclease, adenosinetriphosphatase, pyrophosphatase, and aminophosphatase in the walls and the contents of the rumen of dairy cattle IA I Hermanuk Visnyk sil'hosp nauky 5 no 5 117-118 My '62

CATTLE BREEDING see subdivision under Ukraine

CAUCASUS—CHALCID FLIES
Materials on encyrtids (Hymenoptera, Encyrtidae) of the Caucasus Report No 1 [with summary in English] V A Trjapitsyn Ent obozr 41 no 2 426-435 '62

CAUCASUS—COMMUNIST PARTY OF THE SOVIET UNION
History of communist organizations in Transcaucasia. P.S.Kolitsov and others. Vop.ist.KPSS 6 no.6:56-73 '62.

CAUCASUS—GAS, NATURAL—GEOLOGY
Oil and gas potentials in the Shirvan-Bezvodnenskiy region M E.Simonov Trudy KF VNII no 10 82-88 '62

CAUCASUS—GEOLOGICAL TIME
Age of the Upper Jurassic variegated formation in the northwestern Caucasus and its analogues in Kabardino-Balkaria and North Ossetia G A Loginova Vest Mosk un Ser 4 Geol 17 no 5 23-29 S-O '62

CAUCASUS—GEOLOGY
New data on the geology of the Khadzhensk and Shirvan-Bezvodnenskiy regions A I Dzhanoev, K O Rostovtsev, I A Voskresenskii Trudy KF VNII no 10 67-81 '62

CAUCASUS—GEOLOGY, STRATIGRAPHIC
Pre-Bajocian break in the northern slope of the western Caucasus K O Rostovtsev Trudy KF VNII no 10 166-176 '62.

CAUCASUS—GEOLOGY, STRUCTURAL
Some characteristics of the structure and history of natural zones as revealed by the studies in the Caucasus E.E. Milanovskii. Sov geol 5 no 6:52-76 Je '62.

CAUCASUS—HEALTH RESORTS, WATERING PLACES, ETC.
The collective manages a resort. L.Dobrovol'skaia. Okhr.truda i sots.strakh. 5 no.10,17-19 O '62.

CAUCASUS—METALS, RARE AND MINOR
Some data on the metal potential of the Late Alpine post-folding epoch in the Lesser Caucasus. V.N. Liubofeev. Trudy KF VNII no. 10:308-317 '62.

CAUCASUS—MOLYBDENUM ORES
Genetic types and epochs of the formation of tungsten and molybdenum mineralization in the western part of the Greater Caucasus. IU S. Borodaev, R. IU Orlov Vest Mosk.un.Ser 4 Geol 17 no 5:55-65 S-O '62.

CAUCASUS—ORE DEPOSITS
Some problems of the metallogeny of the Greater Caucasus G D Azhgirei Sov geol. 5 no 9:24-44 S '62

CAUCASUS—PETROLEUM GEOLOGY
Oil and gas potentials in the Shirvan-Bezvodnenskiy region M E Simonov Trudy KF VNII no. 10 82-88 '62.

CAUCASUS—ROBBER FLIES
Robber flies of the genus Dysmachus Loew (Diptera, Asilidae) in the Caucasus [with summary in English]. V.A. Rikhter. Ent.obozr. 41 no.2 436-448 '62.

CAUCASUS—RUSSIAN SOCIAL DEMOCRATIC PARTY
Formation of the Caucasus Union of the Russian Social Democratic Party. Z. Akubzhanova. Izv.AN Arm SSR.Obshchestv.nauki no.6:3-14 S '62.

CAUCASUS—SALT DEPOSITS
New data on the halogenic formation in the northwestern Caucasus. N.E.Mitin. Dokl.AN SSSR 147 no.2:442-444 N '62.

CAUCASUS—TUNGSTEN ORES
Genetic types and epochs of the formation of tungsten and molybdenum mineralization in the western part of the Greater Caucasus IU. S. Borodaev, R. IU. Orlov. Vest Mosk un Ser 4 Geol 17 no 5:55-65 S-O '62

CAUCASUS—WATER, UNDERGROUND
Zonality of underground waters of the Lower Cretaceous in the Caucasus and the direction of their flow. G.M. Sukharev, V.G. Pliushchenko. Dokl.AN SSSR 147 no.2,458-461 N '62.

CAUCASUS, NORTHERN—COMMERCE
Kumykov, T.Kh. [Drawing the Northern Caucasus into the all-Russian market in the 19th century; based on materials of Kabardino-Balkaria, Northern Ossetia and Chechen-Ingushia] Vovlechenie Severnogo Kavkaza vo vserossiiskii rynok v XIX v., po materialam Kabardino-Balkarii Severnoi Osetii i Checheno-Ingushi Nal'chik, Kabardino-Balkarskoe knizhnoe izd-vo, 1962. 190 p.

CAUCASUS, NORTHERN—CONDENSATE OIL WELLS
Water drive system of Mesozoic gas-condensate fields in western Ciscaucasia V S Kotov, V N Matvienko Trudy KF VNII no 10 213-220 '62

CAUCASUS, NORTHERN—DILARIDAE
Larva of Dilar turcicus Hag and the position of the family Dilaridae in the system of neuropterous (Planipennia) [with summary in English] M S Gillarov Ent obozr. 41 no 2:402-416 '62.

CAUCASUS, NORTHERN—GEOLOGY
Some problems of the history of the geological development of Ciscaucasia in the Mesozoic and Cenozoic. I P Zhabrev. Trudy KF VNII no 10 177-184 '62.

CAUCASUS, NORTHERN—GEOLOGY, STRUCTURAL
Manifestation of gypsum tectonics in the northwestern Caucasus N E Mitin Trudy KF VNII no.10 185-189 '62

CAUCASUS, NORTHERN—GYPSUM
Manifestation of gypsum tectonics in the northwestern Caucasus N E Mitin Trudy KF VNII no 10 185-189 '62

CAUCASUS, NORTHERN—LIMESTONE
Lithology of Chokrak limestones in the northwestern Caucasus R G Dmitrieva Trudy KF VNII no. 10 190-194 '62

CAUCASUS, NORTHERN—LIZARDS
Taxonomy of the lizard Lacerta saxicola Eversmann in the Crimea and the Northern Caucasus [with summary in English] N.N.Shcherbak Zool zhur 41 no.9. 1374-1385 S '62

CAUCASUS, NORTHERN—MERINO SHEEP
Clustering of Merino sheep as a means of protection against intensive insolation in the South. V.Flisk. Vop.ekol. 4:82-84 '62.

CAUCASUS, NORTHERN—MINERALOGICAL CHEMISTRY
Physicochemical characteristics of mineral-forming solutions as revealed by the studies of complex metal mineralization in the northwestern Caucasus [with summary in English]. V.S. Balitskii, V.N. Liubofeev. Geokhimiia no 9,806-812 '62

CAUCASUS, NORTHERN—NONFERROUS METALS
Research carried out in 1961 by the Northern Caucasus Mining and Metallurgical Institute. A.E Sokolov. Izv.vys.ucheb.zav.,tsvet.met. 5 no.3 163-164 '62.

CAUCASUS, NORTHERN—RAILROADS—COMMUNICATION SYSTEMS
Redesigning of the communication systems in conjunction with the electrification of the Northern Caucasus Railroad. B.I.Tellalnikov, V.I.Kurgapkin. Avtom., telem.i sviaz' 6 no.11 27-28 N '62.

CAUCASUS, NORTHERN—RAILROADS—ELECTRIFICATION
Redesigning of the communication systems in conjunction with the electrification of the Northern Caucasus Railroad. B.I.Tellalnikov, V.I.Kurgapkin. Avtom., telem.i sviaz' 6 no.11 27-28 N '62.

CAUCASUS, NORTHERN—ROCKS, SEDIMENTARY
Lithologic and petrographic characteristics of Albian sediments in western Ciscaucasia. P S Zhabreva Trudy KF VNII no.10:195-206 '62

CAUSATION
V.I. Lenin's elaboration of the theory of causation. K.I. Ivanova. Nauch.rab.i soob.Otd.obshchestv.nauk AN Uz.SSR 1:5-14 '61.

CAVE FAUNA see subdivision under Dniester Valley

CAVES see subdivision under Crimea

CAVITATION
Ultrasonic cavitation; review. M.G. Sirotiuk. Akust. zhur. 8 no.3:255-272 '62.

CECUM—SURGERY
Surgical treatment of so-called cecum mobile. G.L. Mirza-Avakian. Trudy Erev.med.inst. no.11 347-352 '60.

CECUM—TUBERCULOSIS
Neoplastic form of tuberculous ileotyphlitis. S.N.Genyk. Vrach.delo no.8,149-151 Ag '62.

CEILINGS—SOUNDPROOFING
Practical method of calculating ceiling sound insulation from percussive noises V I Zaborov, V.N Nikol'skii Izv ASIA no.3 107-113 '62.

CELL METABOLISM
Biochemical characteristics of some blood cells in the light of the concept of so-called cancer metabolism I.F.Seita. Vop.onk. 8 no.6:106-111 '62
Effect of normal human sera on metabolism in the cells of Ehrlich's ascites carcinoma [with summary in English] V.I Agol, V G Zaslavskii Biokhimiia 27 no 4,683-688 Jl-Ag '62.

CELL NUCLEI

Size of the cell nuclei in normal monostratal cultures of muscle, kidney tissue and in those spontaneously infected with viruses [with summary in English] IA E Elie in I V Voronina E R Plik Vop virus 7 no 2 202-206 Mr-Ap '62

CELLULOSE

"Polycrak" (cellulose hydrate) fibers. N.S. Nikolaeva, A.V. Kovkin Khim volok no.5 5-15 '62.

Supermolecular structure of extrastrong cellulose hydrate fibers V.I. Sharkov, V.P. Levanova, A.K. Bolotova, Khim volok, no.5 32-36 '62.

Transformations of cyanoethoxyl- and tosyloxyl-ditol under conditions of deoxidation and anhydridization of cellulose S.N. Danilov, A.A. Lopatenok. Zhur.ob. khim. 32 no 11 3611-3614 N '62

CELLULOSE—MICROBIOLOGY

Synthesis of cellulose derivatives resistant to the action of microorganisms Z.A. Rogovin, V.V. Chernaia Issl. v obl. b zar. tekh. tekst. prom. no 5 109-113 '62

CELLULOSE—SPECTRA

Infrared spectra of cellulose in aqueous alkaline solutions R.G. Zhbankov, N.V. Ivanova, A.IA. Rozenberg. Zav. lab. 28 no 11 1324-1326 '62

CELLULOSE ESTERS

Electron microscope studies of cellulose ester fibers in ultrathin sections G.O. Bagdasariants, L.S. Krupyshaeva. Zav. lab. 28 no.11,1351 '62

CEMENT

White cement made of local raw material V.M. Kulikov, A.A. Sokolenko Stroi. mat. 8 no 10 29-30 O '62

CEMENT—ANALYSIS

Device for rapid determination of the iron oxide in a raw mix A.S. Pisner TSement 28 no 5 18 S-O '62

Evaluation of the quality of cement raw material by chemical composition G.A. Nechaev. TSement 28 no. 5 6-7 S-O '62.

Rapid method of preparing cement raw material for chemical analysis S.S. Zhukovskaia, N.P. Kogan, N.I. Volokhovenko TSement 28 no 5 13-14 S-O '62.

CEMENT—DICTIONARIES

Machkovskii, G.I., comp. [French-Russian dictionary on cement and concrete] Frantsuzsko-russkii slovar' po tsementu i betonu. Pod red. M.I. Khigerovicha. Moskva, Gosstroiizdat, 1962. 310 p.

CEMENT—STORAGE

Level indicators for cement V.A. Girskii, A.N. Shpringer Bet. i zhel.-bet. 8 no 11 519-521 N '62

CEMENT—TRANSPORTATION

Better organization of cement transportation I.L. Khotin, M.G. Kobrin Zhel. dor. transp. 44 no 11 64-66 N '62

CEMENT CLINKERS

Grinding clinker in mills operating on a closed cycle. O.M. Khusainova. TSement 28 no 5 8-10 S-O '62.

Konovalov, P.F., B.V. Volkonskii, and A.P. Khashkovskaia. [Atlas of the microstructures of cement clinkers, refractories, and slags] Atlas mikrostruktur tsementnykh klinkerov, ogneuporov i shlakov. Pod red. N.A. Toropova. Leningrad, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1962. 204 p.

Methods of choosing an efficient composition of clinker. D.A. Izbalykov. TSement 28 no. 5:18-19 S-O '62.

CEMENT INDUSTRIES

(see also subdivision under Begovat, Canada; France)

Lower the specific consumption of fuel in the cement industry TSement 28 no. 5 1-3 S-O '62.

CEMENT INDUSTRIES—CONGRESSES

Conference on theory in the State Institute for the Design of Enterprises and for the Research Work of the Cement Industry. TSement 28 no 5 22 S-O '62.

CEMENT INDUSTRIES—COSTS see subdivision under Chimkent

CEMENT PLANTS

(see also subdivision under Chimkent; Novorossiysk)

Intensification of industrial processes at the Nikolayevskii plant. TSement 28 no. 5:23 S-O '62.

Technical consulation. P.V. Sidiakov. TSement 28 no. 5 24 S-O '62.

"Technical instructions for the assembly of rotary kilns and drum driers" Biul. stroi. tekh. 19 no. 5, 16-17 My '62

CEMENTATION (METALLURGY)

Cementation of copper and lead from calcium chloride solutions. L.S. Dukhankina, A.L. TSeft. Trudy Inst. met. i obog. AN Kazakh. SSR 5:52-58 '62.

Improvement of the apparatus for measuring the depth of cementation and thickness of nonmagnetic coatings. T.I. Pavlov. Zav. lab. 28 no. 11:1384-1385 '62.

CEMENTS, ADHESIVE

Latex-cement glues A.A. Domashevskii Stroi. mat. 8 no 10 40-3 of cover O '62

CENTAURÉA see subdivision under Novopokrovka District (Dnepropetrovsk Province)

CENTIPEDES see subdivision under Leningrad region

CENTRAL AFRICAN REPUBLIC

Brief notes on new states. Mezhdunar. zhizn' 9 no. 12: 143-144 D '62.

CENTRAL ASIA see Asia, Central

CENTRAL ASIA, SOVIET see Soviet Central Asia

CENTRAL BLACK EARTH REGION—FARM MANAGEMENT

Analysis of the utilization of farm lands. I.A. Lamykin. Uchet i fin. v kolkhoz. i sovkhoz. 19 no. 11:46-51 N '62

CENTRAL BLACK EARTH REGION—FORESTS AND FORESTRY

Soils of the broad-leaved forests of the Central Black Earth Region B.P. Akhtyrtsev. Izv. Vor. otd. Geog. ob-va no. 3 133-139 '61

CENTRAL BLACK EARTH REGION—GRAIN—DISEASES AND PESTS

Methods for protecting grain crops. I.F. Pavlov, K.K. Lebedeva, A.I. Avramenko Zashch. rast. ot vred. i bol. 7 no 7 22-24 Jl '62

CENTRAL BLACK EARTH REGION—LAND

Economic land evaluation. M.V. Goncharov. Izv. Vor. otd. Geog. ob-va no. 3 21-27 '61.

CENTRAL BLACK EARTH REGION—LANDFORMS

History of the relief study of the Central Black Earth Region I.E. Ezhov. Izv. Vor. otd. Geog. ob-va no 3 15-20 '61.

CENTRAL BLACK EARTH REGION—PHYSICAL GEOGRAPHY—MAPS

Color maps of the landscape types and physicogeographical regions of the Central Black Earth Region N.G. Bokachev. Izv. Vor. otd. Geog. ob-va no 3 97-100 '61.

Comparative characteristics of water dividing landscape types in the Central Black Earth Region and the Klinsko-Dmitrovskaya Ridge. A.I. Nesterov. Izv. Vor. otd. Geog. ob-va no. 3 61-71 '61.

CENTRAL BLACK EARTH REGION—SOILS—CLASSIFICATION

Soils of the broad-leaved forests of the Central Black Earth Region. B.P. Akhtyrtsev. Izv. Vor. otd. Geog. ob-va no. 3 133-139 '61.

CENTRAL BLACK EARTH REGION—VALLEYS

Determining the index of the ravine growth limit in various parts of the Central Black Earth Region. S.Z. Maksimov. Izv. Vor. otd. Geog. ob-va no. 3 111-115 '61.

CENTRAL BLACK EARTH REGION—WATER, UNDERGROUND

Regionalization of main water-bearing horizons participating in supplying water to the rivers of the Central Black Earth Region during the low water period. A.G. Kurdov. Izv. Vor. otd. Geog. ob-va no. 3:125-131 '61.

CENTRAL RUSSIAN UPLAND—AGRICULTURAL GEOGRAPHY

Correspondence between the types of landscape and farm lands in the physicogeographical regions of the Central Russian Upland within the boundaries of Central Black Earth Region G.E. Grishankov. Izv. Vor. otd. Geog. ob-va no. 3:53-60 '61.

CENTRAL RUSSIAN UPLAND—EROSION

Development of the main water divide in the central part of the Central Russian Upland. A.A. Virskii. Izv. Vor. otd. Geog. ob-va no. 3:101-110 '61.

CENTRIFUGAL CASTING

Centrifugal casting of iron water supply pipes in changeable molds. S.A. Grinberg, IU.P. Porushkov, G.L. Khazan. Lit. proizv. no. 8:5-6 Ag '62.

CEPHALOPODA, FOSSIL see subdivision under Anabar Bay region; Lena Valley

CERAMIC INDUSTRIES—EQUIPMENT AND SUPPLIES

Increased efficiency of filter presses in the ceramic and kaolin industry. B. Gaievskyi, L. Cherednychenko. Bud. mat. i konstr. 4 no. 5:53-56 S-O '62.

CERAMIC MATERIALS

Berkman, A.S. [Rapid determination of the moisture of ceramic materials by weighing them once] Bystroe opredelenie vlazhnosti keramicheskikh materialov putem odnokratnogo vzveshivaniia. Moskva, Glavmosstroimaterialy, Otdel tekhn. informatsii, 1958. 37 p.

CERAMIC METALS

Borisov, IU.N., V.A. Pogozhev, and V.A. Savenko. [Ceramics cut metals] Keramika rezhet metall. [Stalingrad] Stalingradskoe knizhnoe izd-vo, 1961. 32 p.

Moskikov, A.D. [Friction and wear of porous [illegible] metal materials] Trenie i iznos poristykh metallicheskikh materialov. Tashkent, Gosizdat UzSSR, 1962. 101 p.

CERAMIC METALS—TESTING

Investigating the hardness of ceramic titanium carbide and chromium carbides at normal and high temperatures. N.I. Valuev. Izv. vys. ucheb. zav.... no. 6:124-128 '62.

Strength of ceramic metal alloys [with summary in English] B.S. Rakovskii Poroshk. met. 2 no. 5 47-50 S-O '62

CERAMIC PLANTS

Tunnel kiln and drier for low-output ceramic plants G. Levandovskii, A. Shvorobovich. Mest. prom. 32 no. 9 19-21 S '62.

CEREBRAL ARTERIOSCLEROSIS

Cerebral vascular crises in arteriosclerosis. Sov. Med. Vrach. delo no. 8, 99-98 Ag '62

CEREBRAL CORTEX

Changes in the functional state of the cerebral cortex in rabbits following local irradiation of the thyroid gland with X rays [with summary in English]. L.Z. Peizner eva. Probl. endok. i gorm. 8 no. 1:14-19 Ja-F '62

Content of cytoplasmic ribonucleic acid in the [illegible] of the individual cell layers of various fields [illegible] of the cerebral cortex [with summary in English] L.Z. Peizner Biokhimiia 27 no 1 163-169 Ja-F '62

Descending connections of cortical projection zones of the splanchnic nerve in the cat V.M. Dzhanashia Dokl. AN SSSR 147 no 1:212-214 N '62

Electric activity of the isolated layers of spinal [illegible] in the cortex of the brain. N.A. Aladzhalova, [illegible] Koshtoiants. Dokl. AN SSSR 147 no. 2:[illegible] N '62.

Electrophysiological indices of the functional state of cortex and subcortex following the action of [illegible] K.A. Shakhmardanov. Zdrav. Kazakh. 22 no. 8 43-48 '62.

Nucleic acid content in various layers of the cerebral cortex [with summary in English] M.N. Barskaia Biokhimiia 27 no 1 703-707 Jl-Ag '62

Strumous effect of methylthiouracil in cats [illegible] decortication of the cerebrum. I.I. Ivanova, P.A. Vundet. Probl. endok. i gorm. 8 no. 1:43-[illegible] Ja-F '62.

CEREBRAL CORTEX—SURGERY

Effect of decortication of the cerebrum on the [illegible] tivity and radioresistance of the body [with summary in English]. P.V. Simonov. Biul. eksp. biol. i med. 54 no. 7:33-37 Jl '62.

CEREBRAL HEMORRHAGE see Apoplexy

CEREBROSPINAL FLUID

"Dynamics of the changes in the cellular composition of the cerebrospinal fluid in the postoperative period in tumors of the posterior cranial fossa" by Z.P. Isaeva. Reviewed by G. Burgman. Zdrav. Tadzh. 8 no. 4 60-62 Jl-Ag '62.

Biology of multiple sclerosis (data from electron microscopy of the cerebrospinal fluid of patients) [with summary in French] E.D. Gorynia. Zhur. nevr. i psikh. 61 no 10:1497-1501 '61.

Some data on the state of the cerebrospinal fluid in vascular diseases of the brain [with summary in French] R.M. Belen'kaia. Zhur. nevr. i psikh. 61 no 10:1453-1456 '61.

CEREBROSPINAL FLUID—MAGNETIC PROPERTIES

Specific magnetic susceptibility of the blood serum and cerebrospinal fluid. E.A. Sel'kov, I.A. Sokolova, T.V. Kalinina. Biofizika 7 no. 4:483-486 '62

CEREBROVASCULAR DISEASES

Analysis of vascular diseases of the brain based on archive materials from a clinic for nervous diseases V.N. Saigushkina, A.S. Nersesian. Trudy Kras. gos. med. inst. no. 11:103-108 '60.

Comparative evaluation of the results of treating disorders of the brain's blood supply with and without the use of anticoagulants [with summary in French] L.V. Mokhina. Zhur. nevr. i psikh. 61 no. 10:1457-1461 '61.

Compensatory reactions in insufficiency of the brain's blood supply [with summary in French] A.K. Glebova, N.N. Iurkov, V.I. Kirtsukhin. Zhur. nevr. i psikh. 61 no. 10:1457-1462 '61.

Some data on the state of the cerebrospinal fluid in vascular diseases of the brain [with summary in French] R.M. Belen'kaia. Zhur. nevr. i psikh. 61 no. 10:1453-1456 '61.

CERITE see subdivision under Siberia

CERIUM

Diagram of state of cerium in the range 20 to 350°C at pressures up to 60 10^3 Kg./cm^2 [with summary in English]. L.D. Livshits, IU.S. Genshaft, V.K. Mel'nov. Zhur. eksp. i teor. fiz. 43 no. 4:1262-1267 O '62.

CERIUM—ISOTOPES

Model of experimental lung cancer induced by the intratracheal administration of radioactive cerium [with summary in English] N. N. Kurshakova, A. E. Ivanov. Biul. eksp. biol. i med. 54 no. 7 79-83 Jl '62.

CERIUM SULFATE

Coprecipitation of cerium with K_2SO_4 crystals. Part 1 State of cerium in solutions of K_2SO_4. S. G. Babaian, I. V. Melikhov, M. S. Merkulova. Radiokhimiia 4 no. 4 381-387 '62.

CERUSSITE

Positive effect of ammonium sulfate on processes of sulfidizing and flotation of cerussite in presence of calcium and magnesium ions. V. A. Glembotskii, I. M. Kulikov. Izv. vys. ucheb. zav., tsvet. met. 5 no. 3 32-41 '62.

CESAREAN SECTION

Present-day methods of performing a cesarian section. A. M. Agaronov. Trudy Erev. med. inst. no. 11 305-309 '60.

Prevention of hemorrhage during cesarean section in the lower segment of the uterus. B. V. Kushnirov. Sov. med. 26 no. 6:127-128 Je '63.

CESTODA—HOST ANIMALS

Development of Caryophyllaeidae (Cestoda) in an intermediate host [with summary in English] O. P. Kulakovskaia. Zool. zhur. 41 no. 7, 986-992 Jl '62.

CHAIN SAWS

Study of some regularities in the operation of a chain working part when there is a thin cutting gap. E. I. Goizman. Izv. vys. ucheb. zav., gor. zhur. 5 no. 9 73-79 '62.

Using chain saws in the major repair of buildings. V. A. Lantsov, B. A. Nalbandov. Stroi. i dor. mash. 7 no. 10 22-23 O '62.

CHAKLIN, VASILII DMITRIEVICH, 1892-

Vasilii Dmitrievich Chaklin. Ortop., travm. i protez. 23 no. 5 94 My '62.

CHALCID FLIES see subdivision under Caucasus

CHALCOGENIDES

Secondary electron emission from antimony chalcogenides. V. L. Makedonskii, A. K. Pustovoit. Fiz. tver. tela 4 no. 8:2031-2036 Ag '62.

CHALYI, VLADIMIR EVDOKIMOVICH, 1905-1962

Chalyi, Vladimir Evdokimovich. A. Mikolan and others. Khleb. i kond. prom. 6 no. 11 48 N '62.

CHANGE OF LIFE IN MEN see Climacteric

CHARDZHOU PROVINCE—ETHNOLOGY

The tribal and ethnic structure and the distribution of the population of Chardzhou Province in the Turkmen S. S. R. IA. R. Vinnikov. Trudy Inst. ist., arkheol. i etn. AN Turk. SSR 6:5-110 '62.

CHAVDAROV, SAVA KHRYSTOFOROVYCH, 1892-1962

S. Kh. Chavdarov: obituary. Rad. shk. 41 no. 10:96 O '62.

CHAYKEND—TROUT

Biochemical evaluation of spawners of the Kura River salmon Salmo trutta caspicus Kessler and their roe in the Chaykend and Chukhurkabala hatcheries. I. N. Petrenko, A. A. Karasikova. Vop. ikht. 2 no. 2:286-290 '62.

CHECHEL'NIK DISTRICT—SUGAR BEETS

We train sugar beet growers. P. Dytiuk. Shkola i proizv. 6 no. 5,94 My '62.

CHECHEN-INGUSH A. S. S. R.—OIL WELL DRILLING FLUIDS

Using heavy muds in turbodrilling. IU. S. Bozyrev. Neftianik 7 no. 4:10 Ap '62.

CHECHEN-INGUSH A. S. S. R.—TURBODRILLS

Using heavy muds in turbodrilling. IU. S. Bozyrev. Neftianik 7 no. 4:10 Ap '62.

CHEKHOV, ANTON PAVLOVICH, 1860-1904—HOMES AND HAUNTS

Virogradova, K. M. [*Life among the people; A. P. Chekov in Melikhovo*] Zhizn' sredi naroda; A. P. Chekhov v Melikhove. Moskva, Detgiz, 1962. 189 p.

CHELATES

Possibility of synthesizing polymeric chelates from dithioamides and some metal ions [with summary in English] V. N. Odnoralova, G. I. Kudriavtsev. Vysokom. soed. 4 no. 9 1314-1319 S '62.

CHELYABINSK—APARTMENT HOUSES

Experimental construction of residential and public buildings in Chelyabinsk. Biul. stroi. tekh. 19 no. 5 42-44 My '62.

CHELYABINSK—INSTRUMENT INDUSTRY

Instruments manufactured at the Chelyabinsk Plant. B. IA. Verkhoturov, M. I. Kandalov. Biul. tekh.-ekon. inform. Gos. nauch.-issl. inst. nauch. i tekh. inform. no. 11:61-65 '62.

CHELYABINSK—METALLURGICAL RESEARCH

At the Chelyabinsk Metallurgical Research Institute. N. L. *Zhilo, Z. M. Kalinina. Stal' 22 no. 9 816, 849* S '62.

CHELYABINSK—ROLLING MILLS

Formation of the new man in the process of our time. P. Petrenko, G. Khrustov. Kommunist 39 no. 17 96-98 N '62.

CHELYABINSK—WELDING—STUDY AND TEACHING

University on theoretical problems on welding in Chelyabinsk, staffed with volunteers. O. A. Bakshi, A. A. Shatov. Svar. proizv. no. 8 16 Ag '62.

CHELYABINSK BASIN—COAL MINERS

A crew of communist labor. Sov. shakht. 11 no. 11-8 N '62.

CHELYABINSK BASIN—COAL MINING MACHINERY

Use of the K-52M small-capacity cutter-loader in the Chelyabinsk Basin. V. I. Matantsev. Izv. vys. uchebn. zav., gor. zhur. 5 no. 10 33-38 '62.

CHELYABINSK PROVINCE—FOREST INSECTS

Dynamics of the foci of mass multiplication of nun moths and other pests in the forests of the northwestern part of Chelyabinsk Province. P. M. Knapopov. Trudy Ilim. gos. zap. no. 8:160-162 '61.

CHELYABINSK PROVINCE—NUT MOTH

Dynamics of the foci of mass multiplication of nun moths and other pests in the forests of the northwestern part of Chelyabinsk Province. P. M. Knapopov. Trudy Ilim. gos. zap. no. 8:160-162 '61.

CHELYABINSK PROVINCE—PHYTOGEOGRAPHY

Outline of the vegetation of Chelyabinsk Province in relation to its geobotanical zoning. B. P. Kolesnikov. Trudy Ilim. gos. zap. no. 8:105-120 '61.

CHELYABINSK PROVINCE—TECHNICAL EDUCATION

Works of the Chelyabinsk Province technical school students at the Exhibition of Achievements of the National Economy of the U. S. S. R. A. N. Sviridov. Sred. spets. obr. 9 no. 10, 55-56 O '62.

CHEMICAL APPARATUS

(see also subdivision under Kirovakan)

Fiftieth Anniversary of the invention of the Schoppe-Riegler apparatus. V. A. Gulianitskii. Burn. prom. 37 no. 10 31 O '62.

CHEMICAL BONDS

Approximation method of calculating energy levels of crystal lattices [with summary in English] O. I. Shulishova. Poroshk. met. 2 no. 5 13-16 S-O '62.

Borsuker, I. B., and A. V. Ablov. [Chemical bonds in complex compounds] Khimicheskaia sviaz' v kompleksnykh soedineniiakh. Kishinev, Izd-vo "Shtiintsa" Akad. nauk Moldavskoi SSR, 1962. 207 p.

Equivalence of the bonds in $PtCl_4$. V. P. Kazakov, B. I. Peshchevitskii. Radiokhimiia 4 no. 4:508-510 '62.

Nature of a hydrogen bond and of metal-element bonds and their effect on the vibrational and electronic spectra of molecules. D. N. Shigorin. Probl. fiz. khim. no. 1: *173-201 '58.*

Nature of chemical bonds in ABO_3 ferroelectric crystals with a perovskite structure. V. G. Gramovskii. Kristal. lografiia 7 no. 4:604-606 Jl-Ag '62.

CHEMICAL COMPOSITION OF THE EARTH see Geochemistry

CHEMICAL ENGINEERING—EQUIPMENT AND SUPPLIES

[Chemical machinery manufacture] Ref. zhur. Otd. vyp. 47: Khim. mashinostr. nos. 21-24 N-D '62.

CHEMICAL EQUILIBRIUM

Calculation of the equilibrium of ammonia synthesis with the aid of computers. IU. A. Sokolinskii. Khim. prom. no. 6, 410-413 Je '62.

Chemical equilibrium in the system ethylene - water - ethyl alcohol at high pressures and temperatures. D. S. TSiklis, A. I. Kulikova. Khim. prom. no. 6, 413-418 Je '62.

Equilibrium of the reaction $C_3H_7Br \rightleftarrows C_3H_6HBr$. A. M. Rozhnov, D. N. Andreevskii. Dokl. AN SSSR 147 no. 2:386-391 N '62.

Method for the direct and continuous observation of the process of salt transfer in liquid-liquid extraction. M. F. Pushlenkov, V. S. Fedorov. Radiokhimiia 4 no. 4:443-446 '62.

CHEMICAL INDUSTRIES

Malakhovskii, V. F., S. D. Shargorodskii, and L. A. Sushitskii. [Mineral resources of the Crimea and their utilization in chemical industries] Mineral'nye bogatstva Kryma - khimicheskoi promyshlennosti. Simferopol', Krymizdat, 1960. 37 p.

CHEMICAL INDUSTRIES—BIBLIOGRAPHY see Bibliography—Chemical industries

CHEMICAL INDUSTRIES—EQUIPMENT AND SUPPLIES

Fedorovich, M. M. [Production processes and their automation in chemical plants] Proizvodstvennye protsessy i ikh avtomatizatsiia na khimicheskikh predpriiatiiakh. Moskva, Mosk. *inzhenerno-ekon. in-t im. Sergo Ordzhonikidze, 1962. 51 p.*

Technological and economic indices for evaluating the progress of production automation. A. I. Lukonov. Khim. prom. no. 9 669-674 S '62.

CHEMICAL INDUSTRIES—PRICES

Several problems of improving the system of wholesale prices in the chemical industry. N. IA. Petrakov. Ocherki po sovr. sov. i zarub. ekon. no. 3 59-68 '62.

CHEMICAL KINETICS see Chemical reaction, Rate of

CHEMICAL LABORATORIES

(see also subdivision under Leningrad; Ural Mountain region; Uzbekistan)

At the Central Laboratory of the Northwest Geological Administration. V. IA. Khinchkin. Zav. lab. 28 no. 8. 1015-1018 '62.

CHEMICAL MODELS

Theory of similitude principles applied to heterogeneous catalysis. G. K. Boreskov, M. G. Slin'ko. Khim. prom. no. 8, 618-624 Je '62.

CHEMICAL PLANTS

Combination of construction and assembly operations in construction of enterprises of the chemical industry. A. B. Ragozin. Prom. stroi. 40 no. 9:15-18 '62.

Conditional optimization of a chemical plant based on the coordination of reactor operation [with summary in English]. I. G. Pliskin. Avtom. i telem. 23 no. 10. 1362-1374 O '62.

CHEMICAL PLANTS—FIRES AND FIRE PREVENTION

Phthalic anhydride. I. Rudnik. Pozh. delo 8 no. 11-12 N '62.

CHEMICAL REACTION, RATE OF

Certain aspects of the theory of catalyst selection. G. K. Borenkov. Probl. fiz. khim. no. 1 101-110 '58.

Chain characteristics of surface reactions. M. I. Temkin, L. O. Apel'baum. Probl. fiz. khim. no. 1 94-100 '58.

Determination of the rate constant of the reaction between atomic oxygen and ethane. V. V. Azatian, A. B. Nalbandian, T'Sui Men-tsian' [T'Sui Meng-yuan]. Dokl. AN SSSR 147 no. 2 361-364 N '62.

CHEMICAL SOCIETIES

Activity of the *Omsk Province Office of the D. I. Mendeleev* All-Union Chemical Society in the first six months of 1962. K. IA. Demurina. Kauch. i rez. 21 no. 9:60-61 S '62.

CHEMICAL STRUCTURE

Cyclohexatriene structure of benzene (reply to F. Cheshko). M. I. Batuev. Zhur. ob. khim. 32 no. 10:3451-3461 O '62.

Investigation of the Mesnhkmel effect in tin compounds. V. I. Gol'danskii and others. Dokl. AN SSSR 147 no. 1: 127-130 N '62.

CHEMICAL WARFARE

"Protection against radioactive and poisonous substances" by F. I. Maneta. Reviewed by P. Antanhenkov. Starsh. *serzh. no. 9 19 5 '62.*

CHEMICAL WARFARE—SAFETY MEASURES

Protection from radioactive and chemical substances. F. Maneta. Voen. vest. 42 no. 5:36-39 My '62.

CHEMISTRY

Aiyazov, B. V. [Chemistry in home economics] Khimiia v domashnem khoziaistve. Ufa, Bashkirskoe knizhnoe izd-vo, 1961. 93 p.

Smirnov, A. D., and G. I. Sholinskii. [Chemistry; a manual for the 7th grade. Translated from the Russian] Kimio; manual pentru klasa a shaptia. Kishinev, Editura de stat "Kartia moldovenieske," 1962. 141 p. [In Moldavian]

CHEMISTRY—ABSTRACTS

[Chemistry] Ref. zhur.: Khim. no. 22 N '62.

CHEMISTRY—BIBLIOGRAPHY see Bibliography—Chemistry

CHEMISTRY—LABORATORY MANUALS

"Practical training in general chemistry" by G. E. Levant, G. A. Raikayn. Reviewed by B. IA. Rozen. Vest. vys. shkoly 20 no. 11:92-93 N '62.

Taube, P. R., G. S. Akchurina, and A. N. Gavrilovskii. [Practical work in general chemistry] Praktikum po obshchei khimii. Ed. 2., perer. Moskva, Vysshaia shkola, 1962. 203 p.

Voskresenskii, P. I. [Laboratory work and equipment] Tekhnika laboratornykh rabot; izd. 5., peregl. i rasshirennoe. Moskva, Goskhimizdat, 1962. 532 p.

CHEMISTRY—NOMENCLATURE

Let's change to a new chemical nomenclature. S. I. Melamed. Vest. vys. shkoly 20 no. 11:76 N '62.

CHEMISTRY—STUDY AND TEACHING

Despite plans and programs; general chemistry courses in institutions of higher learning. M. A. Menkovskii, V. A. Semishin. Vest. vys. shkoly 20 no. 11:36-38 N '62.

Discussion class in a technical school. A. N. Sviridov. Sred. spets. obr. 9 no. 8 21-24 Ag '62.

Russia (1917- R.S.F.S.R.) Ministerstvo prosveshcheniia (Programs for grades 5-8 of evening (staggered) secondary general schools, chemistry] Programmy V-VIII klassov vechernei (smennoi) srednei obshcheobrazovatel'noi shkoly, khimiia. Moskva, Uchpedgiz, 1962. 43 p.

Some topics in the educational process in chemistry classes. S. A. Popov. Khim. v shk. 41 no. 11 60-64 N '62.

Improving the organization the curriculum of the faculty. V. V. Vasil'ev, R. F. Rumanis, V. F. Perzinia. Vest. vys. shkoly. no. 11 77 N '62.

CHEMISTRY, ANALYTICAL
(see also subdivision under United States)

Application of the theory of ionic equilibria in analytical chemistry. V. P. Kolmar'. Zav. lab. 28 no. 8 959-963 '62.

Exchange of experience. Zav. lab. 28 no. 11 1321 '62.

Future tasks in analytical chemistry (survey). A. K. Babko, S. G. Zhuravlev. Zav. lab. 28 no. 11 1287-1305 '62.

Electrochemical methods of analysis. I. P. Alimarin, Iu. A. Zolotov. Zav. lab. 28 no. 11 1285-1286 '62.

Radioactive isotopes in analytical chemistry" by L. M. Utrobin et al., V. B. Nikolaev. Reviewed by I. M. Korenman, F. M. Shemiakina, B. V. Nikolaev. Zav. lab. 28 no. 11 1372-1381 '62.

CHEMISTRY, ANALYTICAL—BIBLIOGRAPHY see Bibliography,—Chemistry, Analytical

CHEMISTRY, ANALYTICAL—QUANTITATIVE

Determination of the amount of heterochain fibers in blends. Iu. A. Volets', V. D. Katorzhnov. Tekst. prom. 22 no. 11 72-77 N '62.

CHEMISTRY, FORENSIC

Forensic chemical detection of barbiturates by their conversion to isonitrosobarbituric acid. V. I. Lobanov. Sud.-med. ekspert. 5 no. 4 42-46 O-D '62.

CHEMISTRY, INORGANIC—NOMENCLATURE

Abilov, A. V., and D. G. Bitiy. [Nomenclature of inorganic chemistry.] Nomenklatura kimiei neorganiche. Kishinev, Editura "Shtiintsa" a Akad. de Shtiintse a RSS Moldovenesht', 1962. 115 p. [In Moldavian]

CHEMISTRY, METALLURGIC
(see also subdivision under United States)

Kinetics and the mechanism of chromite reduction by solid carbon. S. S. Lisniak, A. M. Belikov, A. N. Morozov. [Sbor. trud.] Nauch.-issl. inst. met. no. 4 3-11 '61.

CHEMISTRY, ORGANIC—SYNTHESIS

Diene synthesis involving acetoxymethyl vinyl ketone. Iu. A. Arbuzov, A. M. Korolev. Zhur. ob. khim. 32 no. 11 3674-3676 N '62.

Diene synthesis involving 1-methoxy-4-penten-3-one and 1,4-pentadien-3-one. Iu. A. Arbuzov, E. M. Klimov, A. M. Korolev. Zhur. ob. khim. 32 no. 11 3681-3687 N '62.

Thiene amines in diene synthesis. E. G. Kataev, V. V. Piemenov. Zhur. ob. khim. 32 no. 11 3817-3823 N '62.

CHEMISTRY, PHYSICAL AND THEORETICAL

Introduction. Probl. fiz. khim. no. 1:4 '58.

Kireev, V. A. [Concise course in physical chemistry] Kratkii kurs fizicheskoi khimii. Izd. 2., ispr. i dop. Moskva, Goskhimizdat, 1962. 647 p.

Physical chemistry of extraction equilibria. A. M. Rozen. Ekstr., teor., prim., app. no. 1:6-87 '62.

Solid phases and compounds of variable composition in modern physical chemistry and crystal chemistry. B. F. Ormont. Probl. fiz. khim. no. 1:139-155 '58.

CHEMISTRY, TECHNICAL

Development of new technological processes for the chemical processing of natural gas and benzene gas. Kh. Gregorian. Prom. Arm. 5 no. 10:55-58 O '62.

Vol'fkovich, S. I. [Chemical technology as a science and its objectives] Khimicheskaia tekhnologiia kak nauka i ee zadachi. [Moskva] Izd-vo Mosk. univ., 1961. 32 p.

CHEMOTHERAPY

Chemotherapy of malignant tumors. B. I. Matskevich. Zdrav. Bel. 8 no. 7 46-50 Jl '62.

CHERKASSY—COURTS

A few words about the work of a secretary of a people's court. H. Shramenok. Rad. pravo no. 8 108-109 N-D '62.

CHERKASSY PROVINCE—PEAS—DISEASES AND PESTS

Is it necessary to fumigate slightly infected pea seeds? V. S. Ishchenko. Zashch. rast. ot vred. i bol. 7 no. 3: 38 Mr '62.

CHERKASSY PROVINCE—POULTRY HOUSES AND EQUIPMENT

A new system for mechanizing poultry houses in Cherkassy Province. V. Kostolomov. Sil'. bud. 12 no. 9: 8-9 S '62.

CHERNIGOV PROVINCE—BEANS

Protect beans against pests and harvest them without waste. V. I. Dan'ko. Zemledelie 24 no. 6 76-79 Je '62.

CHERNIGOV PROVINCE—FINES (PENALTIES)

How the executive committee of local soviets in Chernigov Province implement the law on the reduction of administrative fines. Sh. Rubin. Rad. pravo no. 6 50-52 N-D '62.

CHERNOVTSY—VIEWS

[Chernovtsy; photosketches] Cheruivtsi; fotonariya. Kyiv, Derzh. vyd-vo obrazotvorchoho mystetstva i muzychnoi lit-ry, 1962. [6] p. illus.

CHERNOVTSY PROVINCE see Bukovina

CHERNOZEM SOILS see subdivision under Kokchetav Province, Kolyvan' District

CHERNYSHEVSKII, NIKOLAI GAVRILOVICH, 1828-1889

"Chernyshevskii's views on aesthetics" by A. Bolik. Reviewed by V. Gusev, K. Shokhin. Oktiabr' 38 no. 6:223 Je '62.

CHERNYYE ZEMLI—PASTURES AND MEADOWS

Nature of the relationship between the soil and the vegetation in meadows and pastures of the Chernyye Zemli with an ecologic and physiological evaluation of the plant elements of soil-vegetation complexes. A. L. Kazimirov, D. I. Kolpikov. Trudy Stavr. sel'khoz. inst. no. 9 33-49 '60.

CHERRY

Histochemical analysis of cherry flower buds in relation to their winter hardiness. G. A. Fillimonova. Biul. MOIP Otd. biol. 67 no. 3:142 My-Je '62.

CHERRY FRUIT FLY—EXTERMINATION see subdivision under Ukraine

CHESS

Chess. A. Lilienthal. Sov. shakht. 11 no. 11:17 N '62.

CHESS—END GAMES

"Napoleon's flight from Moscow to Paris." A. Khavin. Znan'e-sila no. 9:29 S '62.

CHESS—TOURNAMENTS

Botvinnik gives Fisher a handicap. Sakh. Flor. Ogonek 40 no. 45 26-27 N '62.

CHESS PROBLEMS

How to compile chess problems. R. M. Kofman. Nauka i zhizn' 29 no. 5 108-109 My '62.

CHEST—RADIOGRAPHY

Significance of a tomographic method of study in the diagnosis of constrictive pericarditis [with summary in English]. I. M. Pylitsov, A. M. Grishkevich. Sov. med. 26 no. 10:33-36 O '62.

CHEST—TUMORS

Intrathoracic lipomas. A. L. Ishinskii, A. P. Kolesov. Vop. onk. 8 no. 6:21-28 '62.

CHEST—WOUNDS AND INJURIES

Heart lesions in chest injuries [with summary in English]. S. G. Moisseev, A. I. Bochenkova. Sov. med. 26 no. 10:21-27 O '62.

CHESTNUT see subdivision under Kiev

CHEWING see Mastication

CHIATURA—FLOTATION

Selective flotation of low-grade manganese products from Chiatura gravity dressing plants. E. L. Grigtan, IA. M. Turetskii. Gor. zhur. no. 6:62-65 Je '62.

CHICHERIN, GEORGII VASIL'EVICH, 1872-1936

Outstanding diplomat and disciple of Lenin; on the 90th anniversary of G. V. Chicherin's birth. I. F. Chernikov. Ukr. ist. zhur. 6 no. 5:144-145 S-O '62.

CHILD PSYCHIATRY

Akademiia meditsinskikh nauk SSSR, Moscow. Institut psikhiatrii. [Problems in child psychiatry] Voprosy psikhiatrii detskogo vozrasta. Moskva, 1962. 289 p. (DNLM)

CHILDBIRTH—PSYCHOLOGY

Utilization in foreign countries of the experience of Soviet physicians in the psychoprophylactic preparation of pregnant women for labor [with summary in English]. IU. F. Zmanovskii. Sov. med. 26 no. 7:74-80 Jl '62.

CHILDREN—CARE AND HYGIENE

Tur, A. F., ed. [For the mother about her child] Materi o rebenke; sbornik ocherkov. Leningrad, Medgiz, 1962. 251 p.

CHILDREN—DISEASES

Sukhareva, M. E., and V. D. Sobolova, eds. [Influenza in children] Gripp u detei. Moskva, Medgiz, 1962. 256 p.

CHILDREN—EMPLOYMENT

A few words about new books. Rad. pravo no. 6:156-160 N-D '62.

CHILDREN—GROWTH see subdivision under Donetsk Province

CHILDREN—LAW

A few words about new books. Rad. pravo no. 6:156-160 N-D '62.

CHILDREN—MANAGEMENT

Educational work in classes with industrial training. P. V. Pentina. Rad. shk. 41 no. 11 54-59 N '62.

For the improvement of educational work. / Mekt. zil. Nar. obr. no. 11:55-59 N '62.

Inculcating the interest for study and work in teenagers. I. P. Barabanov. Sov. pedag. 26 no. 6 50-55 Je '62.

Organizing and training of children's groups. K. P. Vaitanytsia. Rad. shk. 41 no. 10 61-66 O '62.

Participation and independence. A. Bolev. Nar. obr. no. 12:62-66 D '62.

Productive work of students as a means of communist training. L. S. Syncev. Nach. shkola 30 no. 11 41-45 N '62.

Some victories and defeats. V. I. Lutov. Nar. obr. no. 12:61-67 D '62.

Teacher and students. M. Shulten. Nar. obr. no. 11: 76-78 N '62.

Training the group of ninthgraders. I. Skulkin. Nar. obr. no. 11 72-76 N '62.

Valerka, "the Troublemaker." Rabot. shkol. 38 no. 11:18-20 N '62.

We go on. A. Bazdenkova, R. Ivanov. Nar. obr. no. 11: 26-29 N '62.

What we agree with and what we object to. M. V. Lopatnyk. Rad. shk. 41 no. 11:90-92 N '62.

CHILDREN—NUTRITION

Indications of nonspecific immunity in children in chronic nutrition disorders of varying etiology. E. M. Luteeva and others. Vop. okh. mat. i det. 7 no. 4 47 Ap '62.

Slutsev, I. A., and S. IA. Nishchenia. [Milk cookery and child nutrition] Molochnaia kukhnia i detskoe pitanie. Izd. 2., ispr. i dop. Kiev, Gosmedizdat USSR, 1962. 192 p.

CHILDREN—SURGERY

Minutes of the 20th-24th sessions of the Section of Pediatric Surgery of the Pirogov Surgical Society. E. A. Smirnitskova. Vest. khir. 87 no. 11:151-158 N '61.

"Operative pediatric surgery" by I. M. Margolin. Reviewed by T. V. Zolotnova and G. N. Topilov. Khirurgiia, no. 8 115-116 Jl '62.

CHILDREN AND TELEVISION see Television and children

CHILDREN'S ENCYCLOPEDIAS AND DICTIONARIES

Translations of the "Children's encyclopedia." B. Baranov. Nar. obr. no. 12:120 D '62.

CHILDREN'S LIBRARIES see Libraries, Children's

CHILDREN'S PLAYS

Dmitrievskii, V. N. [Be ready to go, my dear man; remarks on contemporary drama for children] V pol'gotovishka, chelovek; zametki o sovremennoi dramaturgii dlia detei. Moskva, Izd-vo "Znanie," 1962. 37 p. (Novoe v zhizni, nauke, tekhnike. XI Seriia: Pedagogika, no. 24)

CHIMKENT—CEMENT INDUSTRIES—COSTS

Purposefulness and perspicience. N. Minkelchinskaia. Nar. khoz. Kazakh. 20 no. 9:10-19 S '62.

CHIMKENT—CEMENT PLANTS

Master-builders of new capacities. A. D. Tumanov, V. V. Stepanov. Tsement 28 no. 5:10-17 S-O '62.

CHIMKENT—CONSTRUCTION INDUSTRY—COSTS

Reducing construction costs in Chimkent. A. Makhmudishev. Ekon. stroi. no. 11:42-45 N '62.

CHIMKENT—MACHINERY INDUSTRY

Propagandists of an industrial plant. D. Gorshenin. Part. zhizn' Kazakh. 32 no. 11:63-65 N '62.

CHIMNEYS

Akademiia stroitel'stva i arkhitektury SSSR. Institut betona i zhelezobetona, Porovo. [Instructions for the design of reinforced-concrete smokestacks] Instruktsiia po proektirovaniiu zhelezobetonnykh dymovykh trub. Moskva, Gosstroiizdat, 1962. 131 p.

Reinforced concrete smokestacks are more economical than steel ones. G. V. Kurdiukov, V. I. Ovchinnik, V. P. Shitart. Prom. stroi. 40 no. 8:27-30 '62.

Results of model studies of factory smokestacks [with summary in English]. T. G. Segdiev, A. A. Dilenian. Trudy Inst. seism. stroi. i seism. 9:71-117 '61.

CHINA—COMMUNICABLE DISEASES—PREVENTION

Some data on the work of the sanitary and antiepidemic services in the Chinese People's Republic. V. I. Vashkov. Zhur. mikrobiol., epid. i immun. 33 no. 11 21-29 D '61.

CHINA—EROSION

Erosion on the loess plateau of China. Fang Chung-sian. Priroda 51 no. 11:107-109 N '62.

CHINA—GEOLOGY, STRUCTURAL

Tuptsyn, N. V., ed. [Fundamentals of the tectonics of China. Translated from the Chinese] Osnovy tektoniki Kitaia. Moskva, Gosgeoltekhizdat, 1962. 526 p. maps.

CHINA—HISTORY

A conference on historiography. V K Andreev, A S Ipatova Nar Az i Afr no 6 214-215 '62

CHINA—HUNTING, PRIMITIVE

"The original hunting methods of the Chinese" [in German] by W. Bottger Reviewed by T Shafranovskaia. Sov etn no. 5 171-173 S-O '62

CHINA—NATIONALITIES

Tykhonova, IE. A [The nationalities problem in the political development of the Chinese People's Republic] Natsional'ne pytannia v derzhavnomu budivnytstvi Kitais'koi Narodnoi Respubliky. Kyiv, Vyd-vo Akad. nauk URSR, 1962. 120 p.

CHINA—RELATIONS (GENERAL) WITH RUSSIA

Correspondence between Soviet and Chinese cultural and educational personnel, 1940-1945. Submitted by A. T Pavlov. Ist. arkh. 8 no. 1 63-82 Ja-F '62.

CHINA—RELATIONS (GENERAL) WITH SOVIET CENTRAL ASIA

History of the economic, political, and cultural relations between the peoples of Central Asia and China in the ancient times and in the Middle Ages M Kutlukov Nauch. rab. i soob. Otd obshchestv. nauk AN Uz SSR 4,340-351 '61.

CHINA—ROTIFERA

Materials on the rotifer fauna of China [with summary in English]. A. S. Bogoslovskii. Zool zhur 41 no. 9 1327-1333 S '62.

CHINESE LANGUAGE—GRAMMAR

A discussion on the prospectus for the "Grammar of the contemporary Chinese literary language" N V Solntseva Nar Az i Afr no 6 217-219 '62

CHIOLITE see subdivision under Aldan Plateau

CHIPMUNKS see subdivision under Amur Valley, Zeya Valley

CHIRCHIK—ELECTRIC TRANSFORMERS

The plant is working, reconstruction continues! Khoze Arias, V Skorodumov Nar khoz Uzb 4 no 10 30-32 O '62

CHIZHOV, FEDOR VASIL'EVICH, 1811-1877

From the history of Kiev sericulture; on the occasion of the 150th anniversary of the birth of F. V Chizhov G. L. Iofe. Shor. nauch. -issl. rab. TTI no. 12:275-288 '61.

CHKALOV PROVINCE see Orenburg Province

CHLORAL

Synthesis and transformations of oxygen-containing organic and organosilicon compounds. Part 14: Organic and organosilicon derivatives of chloral hydrate. I. A. Shikhiev, B. M. Gusainzade, M. I. Aliev. Zhur. ob. khim. 32 no. 11 3630-3633 N '62.

CHLORAL ALCOHOLATE CRYSTALS

Changes in the multiplet spectrum of nuclear resonance in chloral alcoholate crystals. V. S. Grachishkin, G. B. Soifer. Fiz. tver. tela 4 no. 8, 2268-2269 Ag '62.

CHLORATES

Effect of the medium on the oxidation of uranium IV by chlorate. L. A. Fedorova, E. A. Kanevskii. Radiokhimiia 4 no. 4:502-504 '62.

CHLORIDE OF LIME see Lime, Chloride of

CHLORIDES

β'-Lactones and β'-lactams. Part 31. Reactivity of γ'-bromo-β'-keto acid chlorides. N. P. Shusherina, M. Yu. Feigian, R. IA. Levina. Zhur. ob. khim. 32 no. 11:3608-3611 N '62.

Potentiometric analysis of small concentrations of chloride ions. V. V. Bardin. Zav. lab. 28 no. 8:910-913 '62.

CHLORIDES—ELECTRIC PROPERTIES

Electroconductivity of binary systems of sodium and titanium chlorides and potassium and titanium chlorides M. V. Kamenetskii, L. I. Shevliakov. Izv vys. ucheb. zav., tsvet. met. 5 no 3:89-93 '62

CHLORIDES IN THE BODY

Changes in the blood and urine chlorides in acute myocardial infarct. V. A. Borzov. Sov. med. 26 no. 10 17-21 O '62.

CHLORINATION

Halogenation of aromatic silanes. Part 10: Liquid-phase thermal chlorination of phenylmethyldichlorosilane. G. V. Motsarev, V. R. Rozenberg. Zhur. ob. khim. 32 no. 11:3727-3731 N '62.

CHLORINE

Substitution of halogen in azo compounds. Part 14: Substitution of chlorine in the azo dye of 3-chloro-3-aminoanthraquinone and 2-naphthol B. I. Stepanov, I. I. Vorob'eva, M. A. Andreeva. Zhur ob khim. 32 no 10 3281-3283 O '62.

CHLORINE COMPOUNDS

Substitution of the halogen in azo compounds. Part 16: Substitution of chlorine in 2,5-dichloro(1-aze-1') benzene-2'-naphtol by alkoxy- and aroxy groups, and the preparation of 2,5-dihydroxyaniline ethers B. I. Stepanov. Zhur. ob. khim. 32 no 11 3741-3745 N '62.

Transformation of halogen-containing aromatic compounds in the presence of hexamethylenimine. Part 1: Substitution of a chlorine atom by a hydroxy group in o-chlorobenzoic acids. V. N. Lisitsyn and others. Zhur. ob. khim. 32 no 11:3731-3737 N '62.

CHLORINE ORGANIC COMPOUNDS

Chlorine organic insecticides (continuation) I. I. Granin Zashch. rast. ot vred. i bol. 7 no. 5 33 Jl '62

The new poisonous chemicals DDD and perthone in controlling fruit pests. V V Shcherbakov. Nauk. pratsi Ukr. nauk.-dosl. inst. sad. no. 37, 6-9 '60

CHLOROMA

Chloroleukemias. M. P. Khokhlova. Probl. gemat. i perel. krovi no. 11:3-13 '62

CHLOROPHOS

Toxicity of chlorophos in the control of locusts. N. M. Gamper, N. S. Vladimirskaia Zashch. rast. ot vred. i bol. 7 no 5 36 My '62.

CHLOROPHYLL

Relation between the chlorophyll content and stages of organogenesis in corn [with summary in English]. I. A. Shul'gin, F. M. Kuperman, I. P. Shcherbina. Fiziol rast. 9 no. 3 347-352 '62.

CHLOROPRENE

Addition of the combethoxycarbene to chloroprene. I. A. D'iakonov, T. V. Nizovkina, V. M. Grebenkina. Zhur ob. khim. 32 no. 10 3450 O '62.

Effect of chloroprene on the adenosinetriphosphatase activity of the organs of white rats; report No. 5. V. G. Mikhitarian. Trudy Erev. med. inst. no. 11:41-47 '60

CHLOROPRENE—TOXICOLOGY

Dynamics of cardiovascular system changes in workers in shops using the chloroprene group. V. M. Avakian and others. Trudy Erev. med. inst. no. 11:237-239 '60.

Results of a three-year study of the changes in the functions of some organs and systems in workers in the chloroprene industry. V. M. Avakian and others. Trudy Erev. med. inst. no. 11:241-245 '60

CHLOROTRIANISENE

Treatment of cancer of the prostate with chlortrianisene. G. IA. Alapin, S. G. Genes, I. L. Burtianskii. Urologiia no. 1:69-71 '62.

CHLORPROMAZINE

Case of successful treatment using aminazine of vegetative neuralgia. V. G. Girina. Vrach. delo no. 6:146 Ag '62.

Effect of aminazine on cholesterol synthesis in white rat liver in vivo and in vitro and on its acetylation capacity [with summary in English] I A. Rykovskaia Biokhimiia 27 no. 4:595-598 Jl-Ag '62.

Influence of chlorpromazine on the course of staphylococcal infection. E. M. Stoianov, D. Strakhilov Khirurgiia no. 12:97-101 '61.

Potentiation with phenamine and the prevention of reserpine intoxication with aminazine in rats [with summary in English]. I. V. Markova. Biul. eksp. biol. i med. 54 no. 7:49-51 Jl '62.

CHLORTETRACYCLINE

Formation of chlortetracycline and vitamin B_{12} by the producer, Actinomyces aureofaciens, with various sources of carbohydrate nutrition. E. Y. Neshataeva, P. A. IAkimov, A. V. Baldina. Trudy Len. khim.-farm. inst. no. 15:153-159 '62.

Simplified methods for obtaining semiprocessed penicillin, chlortetracycline and vitamin B_{12}. L. M. Smirnova, V. A. Filippova, P. A. IAkimov. Trudy Len. khim.-farm. inst. no. 15 251-257 '62.

Sorption of chlortetracycline by anion exchange resins. G. V. Samsonov, V. IA. Vorob'eva. Trudy Len. khim.-farm. inst. no. 15:191-194 '62.

Use of malt germ extract in the biosynthesis of chlortetracycline. S. M. Andreeva and others. Trudy Len. khim.-farm. inst. no. 15:169-175 '62.

CHOLERA, ASIATIC—PREVENTIVE INOCULATION See subdivision under Afghanistan

CHOLESTEROL

Changes in the level of phospholipids and cholesterol in the blood serum following a fat load in rats of various age. R. Vysotskii. Izv. AN Latv. SSR no. 4:101-110 '62.

Effect of some B group vitamins (B_{12} and choline) on the cholesterol esterifying function of the liver in liver cirrhosis [with summary in English]. L. S. Sharova. Trudy LSGMI no. 60:153-159 '61.

CHOLESTEROL—METABOLISM

Effect of aminazine on cholesterol synthesis in white rat liver in vivo and in vitro and on its acetylation capacity [with summary in English]. I A. Rykovskaia Biokhimiia 27 no 4 595-598 Jl-Ag '62

CHOLINE

Change in the alkaline phosphatase level in the blood under the influence of vitamin B_{12} and choline in liver cirrhosis [with summary in English]. A. I. Pozdniakova. Trudy LSGMI no. 60:115-152 '61.

Effect of some B group vitamins (B_{12} and choline) on the cholesterol esterifying function of the liver in liver cirrhosis [with summary in English]. L. S. Sharova. Trudy LSGMI no. 60 153-159 '61.

Effect of vitamin B_{12} and choline on the phospholipids in the bile and its secretion in dogs with experimental liver dystrophy [with summary in English] Z. F. Denisenko. Trudy LSGMI no. 60 139-145 '61.

Phosphorus-containing analogs of choline and acetylcholine. Part 1. Phosphorocholines and acetylphosphorocholines. K. A. Petrov and others. Zhur. ob. khim. 32 no 11:3711-3716 N '62.

Role of the cholinoreactive systems of the mesencephalon in the mechanism of the activation of the electroencephalogram by nicotine [with summary in English] R. IU. Ilyuchenok, R. U. Ostrovskaia. Biul. eksp. biol. i med. 54 no. 7, 43-46 Jl '62.

CHOLINESTERASES

Activity of the aldolase, pseudocholinesterase, and transaminases in the blood serum in epidemic hepatitis [with summary in English] V. Torjescu and others. Vop. med. khim. 8 no. 1 27-30 Ja-F '62.

Some problems of nucleophilic substitution in the phosphorus atom in the reactivation of phosphorylated cholinesterase S. M. Markov and others. Dokl. AN SSSR 147 no. 2, 161-167 N '62.

CHORAL SOCIETIES, BULGARIAN

The oldest Bulgarian chorus Kr. um Angelov Sov. muz 28 no 9:125-127 S '62

CHORION—CANCER

Two rare cases of chorioepithelioma. T. N Golubitskaia Zdrav. Turk 6 no. 2 30-36 Mr-Ap '62.

CHOU, SHU-JÊN, 1881-1936

To a new classic. V. Semanov. Vop. lit. 6 no. 8: 143-152 Ag '62.

CHRISTIANITY see subdivision under Rome

CHRISTIANITY—ORIGIN

Engels, Friedrich. [Primitive Christianity] O pervonachal'nom khristianstve. Moskva, Gospolitizdat, 1962 61 p.

CHROMAFFIN SYSTEM—TUMORS

Metastasizing pheochromoblastomas. B. S. Briskin, B. A Romanov. Vest. khir. no. 6, 94-96 '62

Paraganglioma. I. V. Starikov, M. A. Shalevich, T. N. Kazantsev. Vest. khir. no 6:98-100 '62.

Recurrences of pheochromocytoma. G P. Zaitsev, A. I. Korneev. Vest. khir. no. 6, 89-93 '62

CHROMATOGRAPHIC ANALYSIS

Chromatographic behavior of purified liver esterase in hydroxylapatite columns [with summary in English] S A Kibardin Biokhimiia 27 no 4 636-640 Jl-Ag '62

Experiments in the purification of sewage waters by the method of absorption chromatography. A. Kh. Arutiunian, A. M. Shakhbazian. Trudy Erev. med. inst. no. 11: 169-172 '60.

Frontal displacement chromatography of albomycin on cation exchange resins. G. V. Samsonov, G. E. El'kin, A. I. Gitman. Trudy Len. khim.-farm. inst. no. 15: 211-219 '62.

Frontal process of albomycin sorption on anion exchangers, report No. 2. G. V. Samsonov, V. IA. Vorobieva. Trudy Len. khim.-farm. inst. no. 15:205-209 '62.

High-frequency sensing element for recording yield curves in chromatographic apparatus. V. L. Anokhin, V. A. Zarinskii, A. V. Ivashkin. Zav. lab. 28 no. 8: 1010-1012 '62.

Thin-layer chromatography of sphingosine derivatives. N. K. Kochetkov, I. G. Zhukova, I. S. Glukhoded. Dokl. AN SSSR 147 no. 2:376-379 N '62.

CHROMATOPHORES

Participation of chloroplast ribosomes in protein synthesis. N. M. Sisakian, I. I. Filippovich, E. N. Svetailo. Dokl. AN SSSR 147 no. 2:468-469 N '62.

CHROMIC ACID

Preparation of chromic acid from chromium hydroxide. D. P. Zosimovich, S. P. Antonov. Ukr. khim. zhur. 28 no. 6:887-890 '62.

CHROMITE
(see also subdivision under Kimpersay)
Kinetics and the mechanism of chromite reduction by solid carbon. S S Lisniak, A. M Belikov, A N. Morozov. [Shor. trud.] Nauch.-issl. inst. met no. 4 3-11 '61.

CHROMIUM
Calculating the probabilities of radiationless transitions for the Cr^{+3} ion in ruby. B Z Malkin. Fiz. tver. tela 4 no. 8:2214-2222 Ag '62

Paramagnetic resonance of a trivalent chromium ion in the crystal lattice of magnesium tungstate [with summary in English] V A Atsarkin and others Zhur eksp i teor fiz 43 no 4 1272-1280 O '62

Superhigh vacuum obtained by means of electronically bombarded chromium. H.S. Mykhailov, H.M. Presniakova, O.M. Akymovych. Ukr.fiz.zhur. 7 no.1 73-74 Ja '62.

CHROMIUM—SPECTRA
Kinetics of the luminescence of chromium luminophors Part 3 Section 1 Luminescence spectra and relaxation spectra, effect of chromium concentration and thickness N A Tolstoi, Liu Shun'-fu [Liu Shun-fu], M F Lapidus Opt i spektr 13 no 2 242-249 Ag '62

CHROMIUM CARBIDE
Chemical stability of chromium carbides. T IA. Kosolapova, G. V Samsonov Ukr. khim zhur. 28 no. 8:931-933 '62.

CHROMIUM HYDROXIDE
Preparation of chromic acid from chromium hydroxide. D. P. Zosimovich, S. P. Antonov. Ukr. khim. zhur 28 no 8:987-990 '62

CHROMIUM-IRON ALLOYS see Iron-chromium alloys

CHROMIUM-NICKEL ALLOYS see Nickel-chromium alloys

CHROMIUM-NICKEL STEEL—WELDING
Safonnikov, A N [Electric slag welding with lamellar electrodes of corrosion-, scale-, and heat-resistant chromium-nickel steels and alloys] Elektroshlakovaia svarka plastinchatym elektrodom korrozionnostoikikh, okalinostoikikh i zharoprochnykh khromonikelevykh stalei i splavov Leningrad, 1962 36 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy Obmen peredovym opytom. Seriia. Svarka i paika metallov, no. 9)

CHROMIUM NITRIDES
Determination of the solubility of nitrogen in solid chromium. I. A. Tomilin, N. A. Savost'ianova. Zav. lab. 28 no. 8 959-961 '62.

CHROMIUM STEEL—CORROSION
Corrosion resistance of 2Kh13, Kh17, and Kh18 chromium steel V V Gerasimov, V N Aleksandrova. Metalloved. i term. obr met no. 8 36-40 Ag '62.

CHROMIUM STEEL—METALLURGY
Effect of basic technological factors on the loss of chromium during the blowing of a high-chromium bath with oxygen. E. I. Kadinov, S. I. Khitrik. Izv. vys. ucheb. zav., chern met. 5 no. 10:50-58 '62.

CHROMONE
Interaction of chromone with compounds containing active methyl and methylene groups. A. I. Tolmachev. Zhur. ob. khim. 32 no. 11 3745-3752 N '62.

CHROMOPHOTOGRAPHY see Color photography

CHROMOSOMES
Presence of ribonucleic acid of the AU type in the chromosomo-nucleolar apparatus [with summary in English]. G. P. Georgiev, V. D. Mant'eva. Vop. med. khim 8 no. 1:93-94 Ja-F '62

CHRONAXIA
Change in the subordinate influences on the motor chronaxia of the muscles in spastic hemiparesis and athetosis [with summary in French] Z. A. Zhelobova Zhur nevr i psikh 62 no 6:815-819 '62

CHU DEPRESSION—PETROLOGY
Petrography and mineralogy of rocks in the Neogene variegated and red series of the Seraflmoskaya anticline (Chu Depression). A. T Turdukulov. Izv. AN Kir SSR Ser est. i tekh. nauk 4 no 3:19-26 '62.

CHU VALLEY—GEOLOGY, STRATIGRAPHIC
Facies analysis of neogenic Molasse deposits of the southeastern part of the Chu Depression, based on the materials of deep borings. L. N Vertunov Dokl. AN SSSR 147 no 1:174-176 N '62.

CHU VALLEY—GRAPES
Wintering of grapevines in Kirghizistan P I. Zuev. Izv AN Kir. SSR Ser. biol. nauk 4 no 3 145-154 '62.

CHU VALLEY—PEACH BREEDING
New promising froms of peach hybrids. E. Z Gareev Izv AN Kir SSR Ser biol. nauk 4 no 3.135-138 '62

CHU VALLEY—PLANTS—FROST RESISTANCE
Wintering of grapevines in Kirghizistan. P. I Zuev. Izv AN Kir SSR Ser. biol nauk 4 no 3 145-154 '62

CHU VALLEY—PLANTS, ORNAMENTAL
Proliferation of blossoms in some species of flowers and decorative plants R M Sultanova Izv AN Kir SSR. Ser biol nauk 4 no 3 129-134 '62.

CHUCKS
Operating model of a pneumatic chuck A. Shprakh. Prof.-tekh. obr. 19 no. 10 16 O '62.

Technological processes in manufacturing draw-in chucks for automatic lathes. L. I. Turlianskii. Stan. i instr. 33 no. 11 17-20 N '62.

CHUKCHI PENINSULA—MEDICAL SCREENING
Characteristics of a mass medical examination of the nomadic population of Chukchi Peninsula at a "flying ambulatorium". A. G. Vol'fson Sov. med 26 no 6: 115-118 Je '62.

CHUKCHI PENINSULA—RESTAURANTS, LUNCHROOMS, ETC
In the far away Chukchi region. R. Pereleshin. Obshchestv. pit. no. 10 5-6 O '62

CHUKHURKABALA—TROUT
Biochemical evaluation of spawners of the Kura River salmon Salmo trutta caspicus Kessler and their roe in the Cheykend and Chukhurkabala hatcheries. I. N. Petrenko, A. A. Karasikova. Vop. ikht. 2 no. 2:286-290 '62.

CHUKOVSKII, KORNEI IVANOVICH, 1882-
Petrovskii, M S. [Kornei Chukovskii; book about a children's author] Kornei Chukovskii, kniga o detskom pisatele. Moskva, Detgiz, 1962. 115 p.

CHURCH
Religion and church abroad. Nauka i rel. 4 no. 10:40-41 O '62

CHURCH AND STATE
Most important events in the life of the churches and religious societies in the U.S.S.R. N.A. Teodorovich. Mat. i issled. Issl. otd. Inst. po izuch. SSSR no. 37 54-56 S '62.

CHURCH ARCHITECTURE
Voronin, N.N. [Early Russian art] Drevnerusskoe iskusstvo. Moskva, Izd-vo Akad. khudozh. SSSR, 1962. 77 p. (Biblioteka po izobrazitel'nomu iskusstvu dlia narodnykh universitetov kul'tury, khudozhestvennoi samodeiatel'nosti i shkol'nykh bibliotek)

CHURCH ARCHITECTURE—DESIGNS AND PLANS see subdivision under Polotsk

CHURCH ARCHITECTURE—DETAILS see subdivision under Yur'yev-Pol'skiy

CHURCH CALENDAR
[Old Believers' calendar for 1962] Staroobriadcheskii tserkovnyi kalendar' na 1962 god. Moskva, Izd. Staroobriadcheskoi Arkhiepiskopii Moskovskoi i vseia Rusi [n. d.] 85 p.

CHURCH DECORATION AND ORNAMENT
Voronin, N.N. [Early Russian art] Drevnerusskoe iskusstvo. Moskva, Izd-vo Akad. khudozh. SSSR, 1962. 77 p. (Biblioteka po izobrazitel'nomu iskusstvu dlia narodnykh universitetov kul'tury, khudozhestvennoi samodeiatel'nosti i shkol'nykh bibliotek)

CHURCH MUSIC—HISTORY AND CRITICISM
Bellaev, V.M. [Old Russian musical notation] Drevnerusskaia muzykal'naia pis'mennost'. Pod obshchei red. S.V. Aksiuka. Moskva, Sovetskii kompozitor, 1962. 132 p.

CHURCH OF ENGLAND—CEREMONIES AND PRACTICES
Anglican liturgy (Lord's Supper) from the Orthodox point of view (conclusion). N. Uspenskii. Zhur. Mosk. Pati. no. 9 17-23 S '62.

CHUSOVAYA VALLEY—FOLKLORE
[Legends of the Chusovaya River] Predaniia reki Chusovoi. Sverdlovsk, 1961. 95 p. (Sverdlovsk. Ural'skii gosudarstvennyi universitet. Uchenye zapiski no. 18)

CHUVASHIA—BRONZE AGE
Late Bronze Age settlement in Chuvashia. L. P. Matveeva. Sov. arkheol. 6 no. 4:214-219 '62.

CHUVASHIA—BUILDING MATERIALS INDUSTRY
Mikhailov, A.K. [New building materials made of local raw material] Novye stroitel'nye materialy iz mestnogo syr'ia. Cheboksary, Chuvashskoe gos. izd-vo, 1961. 105 p.

CHUVASHIA—COLLECTIVE FARMS—MANAGEMENT
Efficient structure of planting acreage is the path toward the abundance of cheap products. V. IArdukhin, V. Borisov. Ekon. sel'khoz. 33 no. 99-108 O '62.

CHUVASHIA—EDUCATION
In the schools of Chuvashia. D Egorov. Nar. obr no 12 8-10 D '62.

CHUVASHIA—FIELD CROPS
Efficient structure of planting acreage is the path toward the abundance of cheap products. V. IArdukhin, V. Borisov. Ekon. sel'khoz. 33 no. 10:98-108 O '62.

CHUVASHIA—RELIGION
Kudriashov, G.E. [Romananis of religious beliefs of Chuvashes and overcoming them] Perezhitki religioznykh verovanii chuvash i ikh preodolenie. Cheboksary, Chuvashskoe gos. izd-vo, 1961. 163 p.

CHVIZHEPSE VALLEY—MINERAL WATERS
Chvizhepse carbonated waters as a new source of mineral waters of Greater Sochi N F Lebanidze Vest Mosk un Ser 4.Geol 17 no 5 50-54 S-O '62

CINEMATOGRAPHY see Motion-picture photography

CIRCUITS, BRIDGE see Bridge circuits

CIRCULATORY SYSTEM see Cardiovascular system

CITIES AND TOWNS
(see also subdivision under Ukraine; Voronezh Province)
Great future of small towns. Volodymyr Hura'kyi Ukraina no. 22 4-5 N '62.

CITIES AND TOWNS, RUINED, EXTINCT, ETC. see subdivision under Bologoye Lake region, Mal'tsev

CITRAL
Citral therapy of trichomonal colpitis. G. M. Osipov. Sov med. 26 no. 10:102-104 O '62.

CITRATES
Study of the exchange between radioactive and stable niobium in citrate complexes by the method of isotope dilution. I. P. Alimarin, G. N. Bilimovich. [An IOI sr.] [Yang Yu-sen]. Radiokhimiia 4 no 1.510-512 '62

CITY PLANNING
(see also subdivision under Baku, Dnepropetrovsk Province, Leningrad, London)
Developing the layout of reconstructed cities V. A Lavrov Izv. ASIA no 3 12-24 '62.

"Planning and building habitable cities." Review by G I Fiumin Izv. ASIA no 3:127-128 '62

The problem of settling populations in large cities M. O. Khanke Izv. ASIA no. 3-3-11 '62.

Types of public buildings for complex development of microdistricts V. L. Kulnga Izv ASIA no 3 25-34 '62

Working out suggestions on the general outlook for city planning. Biul stroi. tekh. 19 no. 11:41-42 N '62.

CITY TRAFFIC
Problems of traffic movement in present-day city planning. A. E. Straimentov. Izv. ASIA no. 3 37-42 '62

CIVIL DEFENSE—STUDY AND TEACHING see subdivision under Gorkiy

CIVIL LAW
"Lectures on Soviet civil law" by M. V. Gordon. Pt. 2 Reviewed by A. IU. Kabalkin. Izv. vys. ucheb. zav., prav. 6 no. 3:167-171 '62.

"The theory of Soviet civil law; its concept, subject matter, structure, and system" by O. A Krasavchik. Reviewed by B. B. Cherepakhin. Sov. gos. i pravo 32 no. 11 134-138 N '62.

CIVIL LAW—BIBLIOGRAPHY see Bibliography—Civil law

CIVIL PROCEDURE
Correlation of legal and moral rules during the judicial examination of civil cases. P. Serbilko. Rad prava no. 6.85-91 N-D '62.

The role of public prosecutors in civil procedure. V. P Chekanov. Sov. gos. i pravo 32 no. 11:81-83 N '62.

Subject matter and system of Soviet civil procedure law. N. B. Zeider. Izv. vys. ucheb. zav., prav. 6 no. 3 53-62 '62.

CIVIL RIGHTS see subdivision under Spain

CLASSICAL LITERATURE—HISTORY AND CRITICISM
Social motifs in ancient fables. M. L. Gasparov. Vest. drev. ist. no. 4:48-66 '62.

CLASSICAL STUDIES
The Sixth International Conference on Classical Studies. A. I. Pavlovskaia. Vest. drev. ist. no. 4:173-178 '62.

CLASTEROSPORIUM see subdivision under Ukraine

CLAVICLE—DISLOCATION
Use of Kirschner wire in dislocations of the acromial end of the clavicle. L. IA. Grigor'ev. Zdrav. Bel 8 no. 2 53-54 F '62

CLAY

Annular device for studying the creep and long-term shear strength of clay soils by the twisting method. S. R. Meschian. Izv. AN Arm. SSR. Ser. fiz.-mat. nauk 15 no. 5:119-131 '62.

Chemical nature of the liming of clay suspensions. F. D. Ovcharenko, E. G. Agabal'iants, A. B. Ostrovskaia. Dokl. AN SSSR 147 no. 1:162-165 N '62.

Dependence of thermal and physical constants of clays on their chemical and granulometric composition and moisture content. V. S. Isaev. Izv. vys. ucheb. zav., energ. 5 no. 10:92-100 O '62.

Machine for obtaining clay by cutting. I. R. Slinitskii. Stroi. i dor. mash. 7 no. 10:23-25 O '62.

Mechanized separation of viscous clays from hard rocks. E. S. Prostakov. Gor. zhur. no. 6:69-70 Je '62.

Preparing the clay slip in the production of adobe. F. Deniskin. Sel'. stroi. no. 10:19-20 O '62.

Relation between the morphological characteristics of argillaceous minerals and the conditions of their formation in sedimentary rocks. D. D. Kotel'nikov. Dokl. AN SSSR 146 no. 4:905-908 O '62.

CLAY—ANALYSIS

Electronographic study of artificial mixtures of clay minerals. R. A. Shakhova. Zap. Vses. min. ob-va 91 no. 5:550-555 '62.

CLAY—ELECTRIC PROPERTIES

Electric anisotropy of clays and its geological significance. A. Z. Bedcher. Trudy KF VNII no. 10:235-241 '62.

CLEANING MACHINERY AND APPLIANCES

Machinery cleans the premises. N. Nizhegorodtsev. Okhr. truda i sots. strakh. 5 no. 10:38 O '62.

CLICK BEETLES see subdivision under Volga Valley

CLIMACTERIC

Andaxin treatment of affective-emotional disorders during the climacteric. G. V. Arkhangel'skii. Akush. i gin. no. 1:27-29 '62.

Climacteric hemorrhages in uterine fibromyoma. P. IA. Lel'chuk. Vop. okh. mat. i det. 7 no. 7:65-68 Jl '62.

Pathogenesis and treatment of climacteric disorders. S. K. Lesnoi. Akush. i gin. no. 1:12-17 '62.

Pathogenesis and treatment of the climacteric syndrome. E. M. Vikhlaeva. Akush. i gin. no. 1:3-11 '62.

Role of surgical interventions on the ovaries in the development of the climacteric symptom complex. R. A. Kurbatova. Akush. i gin. no. 1:17-21 '62.

Treatment of climacteric hemorrhage with small doses of androgenic hormones [with summary in English]. M. D. Moiseenko. Akush. i gin. 1:25-27 '62.

Treatment of climacteric neuroses with reserpine and hypothiazide. A. V. Lesnichii. Akush. i gin. no. 1:23-24 '62.

Treatment of patients with climacteric disorders with climacterin [with summary in English]. Sh. M. Koridze, L. L. Sobiskveradze. Akush. i gin. no. 1:22-23 '62.

CLIMATE—MAPS see also subdivision 'Climatology—Maps' under Kirghizistan

CLIMATOLOGY
(see also subdivision 'Climate' under Arctic regions; Ural Mountains)

Determination of the temperature and humidity of the outside air for estimating the moisture conditions of exterior elements. A. U. Franchuk. Trudy NIISF no. 1:95-108 '62.

CLIMATOLOGY, MEDICAL

Characteristics of headache in those suffering from hypertension according to biotron data [with summary in English]. IU. K. Lushchin. Vrach. delo no. 8:37-42 Ag '62.

Compiling a bioclimatic description of a health resort. S. M. Chubinskii. Vop. kur., fizioter. i lech. fiz. kul't. 27 no. 2:123-128 Mr-Ap '62.

CLINICS

"The city polyclinic; its work organization" by S. IA. Freidlin. Reviewed by B. Khromov. Sov. med. 26 no. 6:153-154 Je '62.

CLOCKS AND WATCHES—ABSTRACTS

[Precision instruments and testing equipment] Ref. zhur. Otd. vyp. 40: Prib. toch. mekh. i isp. ust. nos. 23-24 D '62.

CLOSTRIDIUM

Further purification and the immunochemical properties of lecithinase, the lethal factor of B. perfringens toxin [with summary in English]. M. V. Ispolatovskaia, G. A. Leydikova. Biokhimiia 27 no. 4:631-635 Jl-Ag '62.

CLOTHING, PROTECTIVE

For the operators of hydraulic giants. D. Kobyliianskii. Sov. shakht. 11 no. 11:37 N '62.

Protection from burstila, A. Pervov. Okhr. truda i sots. strakh. 5 no. 10:40 O '62.

Protective and safety measures. Stroitel' 8 no. 10:20-24 O '62.

Special clothes for protection against acids, alkalies, and other corrosive substances. I. M. Naiman. Khim. prom. no. 6:666-668 S '62.

Special footwear for foundry workers. E. A. Babaev, M. P. Kuprianov. Kozh.-obuv. prom. 4 no. 11:25-27 N '62.

To avoid overheating. S. Raikhman. Okhr. truda i sots. strakh. 5 no. 10:40 O '62.

CLOTHING AND DRESS

Vsesoiuznyi institut assortimenta izdelii legkoi promyshlennosti i kul'tury odezhdy. [Fashion trends for 1962-1963] Napravlenie mody na 1962-1963 gody. Moskva, 1962. 44 p.

CLOTHING INDUSTRY
(see also subdivision under Leningrad, Uzbekistan)

What prevents improving the quality of clothing. D. Zamkovskii. Sov. torg. 35 no. 7:7-10 Jl '62.

CLOTHING INDUSTRY—MANAGEMENT

Krasnianskaia, T. M. [Methodology of the analysis of fabric utilization in clothing manufacture] Metodika analiza ispol'zovaniia tkani v shveinom proizvodstve. Leningrad, 1962. 33 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Seriia: Shveinaia promyshlennost')

CLOVER

Increasing the yield and protein content of clover hay. P. A. Sergeev. Zhivotnovodstvo 22 no. 2:83-87 F '60.

CLUBHOUSES

Kulaga, V. L. [Clubs in large-scale construction] Kluby massovogo stroitel'stva. Moskva, Gosstroiizdat, 1962. 163 p.

Projects are carried out for state farms. A. S. Tul'chinskii. Sred. spets. obr. 9 no. 6:28 Ag '62.

CLUBROOT see subdivision under Yefimovskiy District

CLUTCHES (MACHINERY)

Centrifugal clutch with slitted rings. IU. P. Kichaev. Vest. mashinostr. 42 no. 11:42-43 N '62.

Determining the curves of moments of hydrodynamic clutches with radial blades at full filling. A. A. Korotkov. Sbor. trud. Inst. gor. dela AN URSR no. 12:113-119 '61.

Experimental study of the axial forces of hydrodynamic clutches with radial blades at partial fillings. A. A. Korotkov. Sbor. trud. Inst. gor. dela AN URSR no. 12:106-111 '61.

Rotor disengaging clutch. Kh. S. Islamova. Bezop. truda v prom. 6 no. 8:24 Je '62.

CLUTCHES (MACHINERY)—REPAIRING

Use of the GEN-150 elasticity meter in the repair of friction clutches. B. Faizov. Elek. i tepl. tiaga 6 no. 10:23 O '62.

COAL
(see also subdivision under Donets Basin, United States)

Effect of oxygen on the electronic paramagnetic resonance of some coals at low temperatures. A. I. Teltainyk, S. Z. Shul'ha. Ukr. fiz. zhur. 7 no. 1:86-87 Ja '62.

Ul'ianov, I. A., and others. [Coals of the U. S. S. R.] Ugli SSSR; spravochnik. Moskva, Gosgortekhizdat, 1962. 318 p.

Using the acid demineralization method under reducing conditions for determining the characteristics of germanium compounds in coals. M. A. Menkovskii, A. N. Aleksandrova. Dokl. AN SSSR 146 no. 4:868-870 O '62.

COAL—ANALYSIS

Method for the photocolorimetric determination of scandium in coal ashes. M. P. Belopol'skii, K. K. Gumber, N. P. Popov. Zav. lab. 28 no. 8:921-922 '62.

COAL—CLASSIFICATION

Estimation of the difficulty of preparing coals in prospecting operations. I. I. Ammosov, V. K. Prianishnikov. Razved. i okhr. nedr 28 no. 10:12-16 O '62.

COAL—DRYING

Coal drying by means of vibration (from "Colliery Guardian," May, 1961, "Annales des Mines," March, 1962). N. S. Makegon, A. K. Eremenko. Ugol' Ukr. 6 no. 8:45 Ag '62.

COAL—TESTING

The PI unit for picking and preparing coal samples from railroad cars. K. A. Sosnov, N. P. Gnedov, P. P. Zhukov. Biul. tekh.-ekon. inform. Gos. nauch.-issl. inst. nauch. i tekh. inform. no. 11:29-30 '62.

COAL—TRANSPORTATION see subdivision under Kazakhstan; Uzbekistan

COAL GASIFICATION, UNDERGROUND
(see also subdivision under Angren Basin, Donets Basin; Lvov-Volyn' Basin; Moscow Basin; United States)

Conditions of gas flow in the gasification channel. D. K. Semenenko. Nauch. trudy VNIIPodzemgaza no. 6:20-27 '62.

Drainage of the experimental gas producer section under complicated hydrogeological conditions. N. V. Efremochkin, N. E. Fisenko. Nauch. trudy VNIIPodzemgaza no. 6, 96-101 '62.

Economics of the transportation of gas produced by underground coal gasification. R. T. Leshchiner. Nauch. trudy VNIIPodzemgaza no. 6:125-130 '62.

Effect of karst manifestations in coal deposits on the underground gasification of coals. I. V. Korolev. Nauch. trudy VNIIPodzemgaza no. 7:47-51 '62.

Effect of the hydrodynamics of gas flow on the drift of the fire zone in a layer of coal fines. I. V. Krefeldt. Nauch. trudy VNIIPodzemgaza no. 7:15-21 '62.

Effect of the thickness and structure of the coal seam and of the coal quality on the indices of underground coal gasification process. I. V. Korolev. Nauch. trudy VNIIPodzemgaza no. 7:27-32 '62.

Hydrodynamics of gas flow in a layer of coal fines. I. V. Krefeldt. Nauch. trudy VNIIPodzemgaza no. 7:7-15 '62.

Methods of evaluating the systems of connection linking. N. A. Fedorov. Nauch. trudy VNIIPodzemgaza no. 6:79-85 '62.

Nature of gas formation in the case of counterflow connection linking. N. A. Fedorov. Nauch. trudy VNIIPodzemgaza no. 7:3-4 '62.

Optimum system of the panel pipe network in case of underground gasification of flat coal seams. D. M. Arkhenkov. Nauch. trudy VNIIPodzemgaza no. 6:55-61 '62.

Order of the development of a coal seam series in case of underground gasification of coal. M. A. Iofis, L. A. Turchaninov. Nauch. trudy VNIIPodzemgaza no. 6:43-54 '62.

Rate of coal reaction in case of a counterflow fire zone drift in slit channels. N. A. Fedorov. Nauch. trudy VNIIPodzemgaza no. 7:5-7 '62.

Selecting the conditions of gas blowing in underground coal gasification. D. K. Semenenko. Nauch. trudy VNIIPodzemgaza no. 7:21-27 '62.

Some problems of the economics of the chemical processing of gas produced by underground coal gasification. M. M. Al'tshuler, R. F. Leshchiner. Nauch. trudy VNIIPodzemgaza no. 7:93-96 '62.

Studying the conditions of gas flow in the coal seam. D. K. Semenenko. Nauch. trudy VNIIPodzemgaza no. 6:26-42 '62.

Studying the effect of the moisture content of Dnieper Basin brown coals on their gasification with the oxygen blowing method. K. N. Zvigintsev. Nauch. trudy VNIIPodzemgaza no. 7:11-47 '62.

Studying the fracturing of the coal bed of the Angren deposit. V. V. Zhukov. Nauch. trudy VNIIPodzemgaza no. 7:51-61 '62.

Studying the process of the hydraulic fracturing of coal seams. N. A. Fedorov and others. Nauch. trudy VNII-Podzemgaza no. 6:66-78 '62.

Technical and economic analysis of the operations of "Podzemgaz" plants located in coal deposits during 1960. M. M. Al'tshuler, G. N. Miklinova, E. Iu. Chernik. Nauch. trudy VNIIPodzemgaza no. 6:108-114 '62.

Unification of the methods of calculating the basic indices of connection linking and coal gasification in the "Podzemgaz" plants. G. O. Nusinov, N. Z. Brusilstein, S. T. S. Kozachkova. Nauch. trudy VNIIPodzemgaza no. 7:33-40 '62.

COAL GASIFICATION, UNDERGROUND—EQUIPMENT AND SUPPLIES

Device for determining the depth of the setting of the casing, and of the sump and water level in the hole. A. M. Korotianskii, A. D. Reznikov, A. S. Ivanov. Nauch. trudy VNIIPodzemgaza no. 7:99-102 '62.

Effective means of checking the condition of the casing columns of the holes of underground gas producers. V. V. Zhukov. Nauch. trudy VNIIPodzemgaza no. 7:69-73 '62.

COAL GEOLOGY see subdivision under Angren Basin; Pechora Basin

COAL MINERS
(see also subdivision under Buryat-Mongolia; Chelyabinsk Basin; Donets Basin, Georgia)

Different destinies. M. Dubovik. Sov. shakht. 11 no. 11:13 N '62.

Discussion on the worker's honor and miner's duty. Sov. shakht. 11 no. 11:7-10 N '62.

In our lodging house. N. Besedin. Sov. shakht. 11 no. 11:32 N '62.

COAL MINERS—DISEASES AND HYGIENE

Home pharmacy. V. Lisitskii. Sov. shakht. 11 no. 11:45-46 N '62.

COAL MINERS—EDUCATION AND TRAINING

A good initiative. V. Semivolov. Sov. shakht. 11 no. 11:36 N '62.

COAL MINES AND MINING
(see also subdivision under Donets Basin; Germany, East; Great Britain; Irkutsk Province; Kuznetsk Basin; Lugansk Province; Lvov-Volyn' Basin; Pechora Basin; Ukraine; United States)

At the Seventh Congress of the Trade Union of Coal Miners. Z. N. Zlatogorov. Bezop. truda v prom. 6 no. 6:35-36 Je '62.

Daringness. P. Baturin. Sov. shakht. 11 no. 11:4-5 N '62.

COAL MINES AND MINING (Continued)

Economic efficiency of concentrating production in the mining industry. G. Volkov. Nauch. dokl. vys. shkoly, ekon. nauki 5 no. 6 92-100 '62.

Location of development workings in the ground of mined coal seams V. I. Shumeiko, V. L. Oreshkin Ugol' Ukr. 6 no 5 11-13 My '62.

Mechanization of the mining of thin flat coal beds A. E. Nekrasovskii and others Ugol' prom. no. 5:51-53 S-O '62.

New layouts of shaft bottoms for large-tonnage coal mines V. A. Michkov Izv. vys. ucheb. zav., gor. zhur. 5 no 10 39-44 '62.

Order of the development of a coal seam series in case of underground gasification of coal. M. A. Iofis, I. A. Turchaninov. Nauch. trudy VNIIPodzemgaza no. 6 43-54 '62.

Plow mining of anthracite coal. L. S. Sergeev. Ugol.' prom no 5 22-25 S-O '62.

Readers' letters Sov. shakht 11 no 11:36 N '62

Some indices of the operations of the coal mining industry of the U. S. S. R. Ugol' prom. no. 5 76-77 S-O '62.

Technology of coal extraction in the longwalls of development workings R. S. Zaitsev, L. A. Vainshtein Ugol' prom no 5 25-28 S-O '62

COAL MINES AND MINING—ACCOUNTING see subdivision under Pechora Basin

COAL MINES AND MINING—BIBLIOGRAPHY see Bibliography—Coal mines and mining

COAL MINES AND MINING—COSTS

Use of methods of correlation in planning the cost of coal in the mine N. I. Gritsenko. Izv. vys. ucheb. zav., gor. zhur. 5 no 9 53-56 '62.

COAL MINES AND MINING—ELECTRONIC EQUIPMENT

Transducers of the contactless equipment for mine automation. Iu. N. Kamynin, V. V. Popov. Ugol' prom no. 5 56-64 S-O '62

COAL MINES AND MINING—FIRES AND FIRE PREVENTION

Efficiency of water curtains for directed protection against the air wave impact. V. I. Kravets and others Ugol' Ukr. 6 no. 5 38-41 My '62.

COAL MINES AND MINING—HYDRAULIC EQUIPMENT

Test results of hydraulic supports. P. I. Shestov. Ugol' Ukr. 6 no. 5 16-17 My '62.

COAL MINES AND MINING—LABOR PRODUCTIVITY
(see also subdivision under Donets Basin, Kuznetsk Basin)

Mined 1063 meters of haulage drift in one month. O. G. Posevkin. Ugol' prom. no. 5, 30-33 S-O '62.

Valorous work of coal miners. Ugol' Ukr. 6 no. 8:1-2 Ag '62.

We shall complete the tasks of the fourth year of the seven-year plan in a worthy manner Sov. shakht 11 no 11 2-3 N '62

COAL MINES AND MINING—SAFETY MEASURES
(see also subdivision under Sakhalin)

Preventing caving of longwalls. V. I. Kravchenko. Bezop. truda v prom 6 no. 6 3-5 Je '62

COAL MINING MACHINERY
(see also subdivision under Chelyabinsk Basin; Donets Basin, Kuznetsk Basin)

Advantages of using PK-3 cutter-loaders for development work in hydraulic mining, from the work practices of Lisichanskugol' Trust mines. I. A. Grigor'ev. Ugol' Ukr. 6 no. 5:22-23 My '62.

Calculating the loads on cutter-loaders which cut off large chips. V. P. Fomichev. Izv. vys. ucheb. zav., gor. zhur. 5 no 9:65-72 '62

Coal mining machinery. Ugol' prom. no. 5:82-90 S-O '62.

Coal scraper-planner units in the mines of Luganskugol' Combine. D. S. Sklar, N. P. Simonenko. Ugol' Ukr. 6 no. 5 35-36 My '62.

Complaints to designers. V. S. Zhibik. Bezop. truda v prom 6 no. 6 33 Je '62.

Cutting tool for the cutter loader. V. G. Mikhailov and others. Ugol' Ukr. 6 no. 8:37-39 Ag '62.

Directed boreholes in steeply dipping seams dangerous as to sudden outbursts. I. P. Klochko, I. P. Cheboikov. Ugol' Ukr. 6 no. 8:42-43 Ag '62.

The "Karagandinets" cutter loader. G. Ivanchenko, G. Polovnev. Sov. shakht. 11 no. 11 21 N '62

Maximum form of automation of coal mining machines. N. G. Popovich, V. D. Leporskii. Izv. vys. ucheb. zav., gor. zhur. 5 no. 9, 120-123 '62.

Mechanization of development mining operations under various geological conditions. N. IA. Merkulov, S. G. Il'inskii. Biul. tekh.-ekon. inform. Gos. nauch.-issl. inst. nauch. i tekh. inform. no. 11, 23-28 '62.

Modernization of the PML-5 rock loader. B. S. Amurskii. Ugol' prom. no. 5:72-73 S-O '62.

Remote control of cutter loaders in the mining of coal beds, made hazardous by coal and gas outbursts. Ugol' prom. no. 5:69-70 S-O '62.

Safety latch for drifting machinery attachments. V. N. Burlakov Ugol' Ukr. 6 no 5:11-42 My '62.

Scraper-plow unit. A. A. Aleinikov and others. Mekh. i avtom. proizv. 16 no. 10 25-26 O '62.

A second birth V. Ivanovskii. Sov. shakht. 11 no. 11 22-23 N '62.

Selecting the efficient type of equipment for basing open-pit mines. A. N. Turenko, E. P. Kurnakolov. Ugol' Ukr. 6 no. 8 20-23 Ag '62.

COAL MINING MACHINERY—ELECTRIC DRIVING

Feeding of mine face mechanisms in development workings by means of a common cable K. G. Veinberg and others. Ugol' prom. no 5 70-72 S-O '62

COAL MINING MACHINERY—TESTING

Experimental determination of the normal force acting on the leading edge of a cutter in breaking coals I. G. Shmakin. Izv. vys. ucheb. zav., gor. zhur 5 no 10 98-101 '62.

Industrial testing of the PK-4 cutter loader for mining two-track workings B. A. Verkiov, A. N. Sandler. Ugol' prom. no. 5:53-56 S-O '62

COAL PREPARATION
(see also subdivision under United States)

Preparation of fine coal (silt) for power production in a pyrite-clay suspension I. Kh. Nekhoroshii, I. M. Aspis. Izv. vys. ucheb. zav., gor. zhur 5 no. 10 164-170 '62

COAL PREPARATION PLANTS—EQUIPMENT AND SUPPLIES

Automatic control of coal preparation plants. I. I. Levchenko. Izv. vys. ucheb. zav., gor. zhur. 5 no. 9 176-178 '62.

New coal preparation equipment. A. I. Il'chenko, M. IA. Berlin. Ugol' Ukr. 6 no. 8:9-11 Ag '62.

COAST CHANGES
(see also subdivision under Kakhovka Reservoir)

Akademiia nauk URSR, Kiev. Rada po vyvchenniu produktyvnykh syl. [Changes in the banks of reservoirs] Pererabotka beregov vodokhranilishch. Kiev, Izd-vo Akad. nauk USSR, 1962 140 p.

Methodology of compiling atlases of the dynamics and morphology of seashores. N. M. Krivonosova Okeanologiia 2 no 5:912-916 '62

COASTS

"Fundamentals of studying the development of sea coasts" by V. P. Zenkovich. Reviewed by A. D. Dobrovol'skii. Okeanologiia 2 no. 5:950-953 '62.

COAXIAL CABLES

An E_{01} wave in a coaxial cable with elliptical conductors. V. IA. Smorgonskii. Radiotekh. i elektron 7 no. 12' 2003-2006 D '62.

A spiral line with time delay regulation. V. T. Annenkov V. S. Brykov. Izv. vys. ucheb. zav., radiotekh. 5 no. 5:654-656 S-O '62.

COBALT
(see also subdivision under Gorno-Altai Autonomous Province; Murmansk Province)

Nickel and cobalt content in the organs of newborn infants dying from bronchopneumonia during the first days of life. L. T. Sakovich-Lomako. Zdrav. Bel. 8 no. 2' 28-30 F '62.

COBALT—ISOTOPES

Effect of the Co^{60} gamma radiation on the structural and mechanical characteristic of starch gels with different moisture content. K. A. Korotchenko. Izv. vys. ucheb. zav., pishch. tekh. no. 4:29-31 '62.

The sensitivity of fluids to radiation. Iu. A. Aleksandrov, G. S. Voronov, N. B. Delone. Zhur. eksp. i teor. fiz. 43 no. 4:1552-1554 O '62.

Sorption of radioactive cobalt by peats. V. F. Oreshko, A. I. Berdnikov, V. V. Pizhbyl'skii. Radiokhimiia 4 no. 4, 499-502 '62.

COBALT—TOXICOLOGY

Changes in the blood system of dogs under the influence of varying methods of injecting cobalt salts, a method for producing experimental cobalt polycythemia. E. Krumina. Izv. AN Latv. SSR no. 7:101-106 '62.

COBALT CATALYSTS

Study of heterogeneous catalyst systems based on cobalt oxides and salts, and organoaluminum compounds [with summary in English] R. N. Kovalevskaia, E. I. Tinkakova, B. A. Dolgoplosk Vysokom. soed. 4 no. 9: 1338-1344 S '62.

COCCIDIUM

Variability of the form of oocysts of chicken Coccidia and its biological significance [with summary in English]. Z. M. Kogan. Zool. zhur. 41 no. 9:1317-1326 S '62.

COCKCHAFERS—EXTERMINATION see subdivision under Ukraine

COCOA

The coloring substances of cacao beans and their modification in thermal processing. V. S. Grinberg, G. B. Sergeleneva Izv. vys. ucheb. zav. pishch. tekh. no 4 [illegible] '62.

CODFISH
(see also subdivision under Barents Sea; Pechora Bay)

Electrophoretic investigation of blood plasma proteins in codfish. K. M. Khailov. Trudy MMBI no 4:202-207 '62.

CODLING MOTH

Role of the day-length in the control of the generation number and diapause of the codling moth [Laspeyresia pomonella L.]. G. G. Shel'deshova. Dokl. AN [illegible] 147 no. 2:480-483 N '62.

CODLING MOTH—EXTERMINATION
(see also subdivision under Uzbekistan)

Controlling the codling moth. I. N. Zolotenko Zashch. rast. ot vred. i bol. 7 no 5 30-40 My '62

COELENTERATA

Characteristics of early inflammatory reactions in some Coelenterata (Stauophora marioni Brandt, 1835, Sarcitia aurita L., Beroe cucumis Fabr.) I. V. Prazdnikov, I. G. Mikhailova. Trudy MMBI no. 4:[illegible]-223 '62.

COENZYMES

Some co-enzymes of respiration and glycolysis in tumor cells treated with antisera [with summary in English] V. I. Agol, E. A. Vladimirtsova Vop. med. khim. 8 no. 1:64-67 Ja-F '62.

COFFEE see subdivision under Brazil

COFFEE—DISEASES AND PESTS see subdivision under Sochi region

COFFEE TRADE

Black as the devil and pure as an angel . G. Shmatko Nov. vrem. 20 no. 46 20 N '62.

COGNITION

Correlation of two stages of cognition. B. M. Teplov Nauch. dokl. vys. shkoly; filos. nauki 5 no 5:50-58 '62

COINS, GREEK see subdivision under Black Sea region; Iberia (Georgia)

COINS, MOHAMMEDAN see subdivision under Samarkand

COINS, ROMAN see subdivision under Iberia (Georgia)

COKE—TESTING

Experimental blast furnace smelting using coke from wet preparation coals. M. IA. Ostroukhov, N. I. Pavlenko. [Sbor. trud.] Nauch.-issl. inst. met. no. 4 [illegible] 70 '61.

COKE INDUSTRY—BY-PRODUCTS

"Coke industry by-products for the manufacture of polymer materials" by M. S. Litvinenko, I. M. Iordanovich. Reviewed by N. I. Simonenko. Koks. i khim. no. 9:[illegible] S '62.

COKE OVENS

Automatic coal charger. L. M. Gutman. Mekh. i gornozav. prom. no. 2, 72-73 Mr-Ap '62.

COLD (DISEASE)

Survey of the articles which appeared in the collection "Der Schnupfen" ("The Common Cold"), published in the German Democratic Republic in 1959 under the editorship of Professor G. Eigler and Dr. D. G. Findeisen. Zhur. mikh., mikr. i gorl. bol. 22 no. 2 84-87 Mr-Ap '62.

COLD STORAGE

Markova, K. D., and E. F. Shkol'nikova. [Technology of the refrigeration of food products] Kholodil'naia tekhnologiia pishchevykh produktov. Moskva, Gos. torg. izdat, 1962. 150 p.

COLD WELDING

Baranov, I. B. [Cold welding of plastic metals] Kholodnaia svarka plastichnykh metallov. Izd. 2., perer. i dop. Moskva, Mashgiz, 1962, 151 p.

COLITIS

Sensitivity in relation to streptococcus in chronic colitis and enterocolitis. N. I. Ekkenenina. Sov. med. 26 no. 11 114-118 O '62.

COLLAGEN

Biosynthesis and fibrillogenesis of collagen proteins V. I. Mazurov. Vop. med. khim. 8 no. 1:3-10 Ja-F '62.

COLLAGEN DISEASES

General morphology of the collagen diseases [with summary in English]. A. I. Strukov. Sov. med 26 no. 6 5-13 Je '62.

COLLARBONE see Clavicle

COLLECTIVE FARMS
(see also subdivision under Estonia, Fergana; Leninsk District, Andizhan Province, Rostov Province, Yangi-Yul District)

Decisive force in the struggle for communism. A. Filimonov. Komm. Bel. 36 no.10 18-23 O '62

Evening conferences on the subject "Love your collective farm!" N. Litvinfuk. Blok.agit.[for Ukr.] no.30: 15-22 O '59.

Kovalevs'kyi, B.P. [Powerful weapon in the building of communism, the consolidation of the alliance of the laboring class and the collective-farm peasantry in the period of the large-scaled building of communism] Mohutnia zyla pobudovy komunizmu; zmitsnennia soiuzu robitnychoho klasu i kolhospnoho selianstva v period rozhornutoho komunistychnoho budivnytstva. Kyiv, Derzhpolitvydav URSR, 1962. 193 p.

On the Lenin Collective Farm. Sel'. mekh. no.4:14 '62.

Problems of differential land rent on collective farms. A. Bolgov. Vop.ekon no.10 87-102 O '62.

Readers speak N Lazovoi and others Oktiabr' 39 no 6 155-159 Je '62

COLLECTIVE FARMS—ACCOUNTING
(see also subdivision under Khakass Autonomous Province, Uzbekistan)

"Accounting for expenditures and the analysis of production costs on collective farms" by N.A. Ilshchuk. Reviewed by S.T. Grigor'ev Uchet i fin. v kolkhoz i sovkhoz. 19 no.7 56-59 Jl '62.

Accounting office of a progressive collective farm. A.I Ivanov. Uchet i fin v kolkhoz i sovkhoz. 19 no.7: 16-17 Jl '62.

All collective farms should be required to introduce intrafarm cost accounting. I Kachuro, I. Lugovtsov. Komm Bel. 36 no.10 46-51 O '62.

Control over brigade work where business accounting is in operation. I V. Eliseev. Uchet i fin v kolkhoz. i sovkhoz. 19 no 7 10-12 Jl '62.

How to close accounts on collective farms at the end of the year. M.Z. Pizengol'ts. Uchet i fin.v kolkhoz.i sovkhoz. 19 no.11:56-60 N '62.

How we account for raw cotton harvested by machines. L.I. Idintutlin. Uchet i fin.v kolkhoz.i sovkhoz. 19 no.11 22-23 N '62.

In the Central Statistical Administration of the U.S.S.R. E.S. Sofiev. Uchet i fin. v kolkhoz. i sovkhoz. 19 no 7 43-44 Jl '62.

Innovators. G.D Maksimenko. Uchet i fin.v kolkhoz.i sovkhoz. 19 no.7 Jl '62

Method of distributing expenses between the conjugated forms of production in sheep farming V.A. Abdullin. Zhivotnovodstvo 23 no 2.33-38 F '61.

More about the collective farm's annual report B IA. Nikolaev. Uchet i fin. v kolkhoz i sovkhoz 19 no.7 7-10 Jl '62.

Planning and accounting where business accounting is in operation. I.M. Antonov, V.I. Konkin. Uchet i fin.v kolkhoz.i sovkhoz. 19 no.11 19-21 N '62.

Postnikova, H.V., and M H Parasti. [Collective-farm accounting balance and its analysis] Bukhhaltors'kyi balans kolhospu i joho analiz. Kyiv, Derzhsil'hospvydav URSR, 1962. 106 p.

Readers share their experience, suggest and advise. Uchet i fin. v kolkhoz. i sovkhoz. 19 no.7 19-21 Jl '62.

Without ledgers. N.S. Komarov. Uchet i fin.v kolkhoz. i sovkhoz. 19 no.11 13-15 N '62.

COLLECTIVE FARMS—ACCOUNTING—BIBLIOGRAPHY
see Bibliography—Collective farms—Accounting

COLLECTIVE FARMS—COSTS
(see also subdivision under Makharadze District)

Characteristics of utilizing the law of value in collective farm production. I.Togoev. Ekon.sel'khoz. 33 no.10:10-17 O '62.

COLLECTIVE FARMS—FINANCE
(see also subdivision under Uzbekistan)

Business accounting on a collective farm is a powerful means for developing the collective economy. P.V. Zhovtoripenko. Uchet i fin.v kolkhoz.i sovkhoz. 19 no.11:28-32 N '62.

How business accounting has benefited us. Z.K. Kurmanov. Uchet i fin. v kolkhoz. i sovkhoz. 19 no.7:30-33 Jl '62.

Improve collective farm noncash payments through the bank. L.I. Kolychev. Uchet i fin.v kolkhoz.i sovkhoz. 19 no.11:33-36 N '62.

COLLECTIVE FARMS—FIRES AND FIRE PREVENTION
see subdivision under Salsk District

COLLECTIVE FARMS—INCOME DISTRIBUTION
(see also subdivision under Mari A.S.S.R.; Ul'yanovsk Province)

Combination of ethical stimuli with material self-interest. V. Purin, A. Iakovitskii. Part. zhizn' Kazakh. 32 no.11:44-49 N '62.

Equal wages for equal work on collective farms. T. Zaslavskaia. Vop.ekon. no.10:26-37 O '62.

Wages based on milk yield taking in consideration the fat content of milk. L. V. Medvedev. Zhivotnovodstvo 23 no.2:40 F '61.

COLLECTIVE FARMS—INTERFARM COOPERATION
(see also subdivision under Borisoglebskiy District; Kuban; Lipetsk Province, Oboyan' District, Stavropol Territory)

Develop and strengthen the interfarm building organizations V Ivanov Sel' stroi. no.8 1-2 Ag '62

"Development of intercollective farm production relations" by D V. Valovoi. Reviewed by I Knyshinov, G Akhmeev. Ekon.sel'khoz 33 no.10 124-126 O '62.

"The development of interfarm production contacts" by D.V. Valovoi. Reviewed by V.Lifimov Kommunist 39 no.17:122-124 N '62.

Interfarm building organizations build storehouses for seeds N Kolchinikov. Sel' stroi. no.8:6 Ag '62.

Korolev, S.A. [Development of collective farm property at the present stage of the building of communism in the U.S.S.R.] Razvitie kolkhoznoi sobstvennosti na sovremennom etape kommunisticheskogo stroitel'stva v SSSR. Moskva, Izd-vo VPSh pri TsK KPSS, 1962. 103 p.

"Serious shortcomings of a booklet." Komm Mold. 7 no.7 80 Jl '62.

COLLECTIVE FARMS—LAWS AND LEGISLATION

Legal advice Rad pravo no 6-154-155 N-D '62.

Legal regulations on collective farm forest. L. A. Zaslavskaia. Izv vys. ucheb. zav., prav. 6 no 3 59-68 '62.

Legal status of control and inspection committees on collective farms. M.V. Aleshkov. Trudy Inst. filos. i prava AN Kazakh.SSR 6 164-196 '62.

COLLECTIVE FARMS—MANAGEMENT
(see also subdivision under Chuvashia, Kirsanov District, Tselinograd Province; Uzbekistan)

Economic efficiency of the new forms of labor organization on collective farms. I. Dmitrashko. Vop. ekon. no.11 66-76 N '62.

Vasil'ev, V.V., M.M. Karaman, and N.P. Panovskii. [Collective farm on the upsurge] Kolkhoz na pod"eme. Simferopol', Krymizdat, 1962. 30 p.

COLLECTIVE FARMS—OFFICIALS AND EMPLOYEES

Nosenko, A.E. [Stars over the steppe] Zvezdy nad step'iu. Moskva, Gospolitizdat, 1961. 51 p (Geroi i podvigi)

COLLECTIVE FARMS—SANITATION see subdivision under White Russia

COLLECTIVE FARMS—STATISTICS

Development study of collective farm trade statistics. I. K. Beliaevskii. Vop. stat i ucheta no. 5.138-173 '61

COLLECTIVE FARMS—TAXATION see subdivision under White Russia

COLLECTIVE FARMS—VALUATION

Results of the revaluation of capital assets on collective farms L Volodarskii. Plan khoz 39 no 11 48-53 N '62

COLLECTIVE LABOR AGREEMENTS see subdivision under Dnepropetrovsk Province

COLLEGE AND SCHOOL JOURNALISM

Let us expand the role of interuniversity newspapers in the education of university students. S. Kuznetsova Komm Ukr. 38 no.10:80-83 O '62.

COLLEGE AND SCHOOL PERIODICALS see subdivision under Minsk

COLLEGE SPORTS

Review of the sports achievements of students. I. R. Gudzenko. Vest. vys. shkoly 20 no.11:63-66 N '62

COLLEMBOLA—EXTERMINATION see subdivision under Khabarovsk Territory

COLLISIONS (NUCLEAR PHYSICS)

Angular distributions of π-mesons produced in nucleon collisions and the hypothesis of isotopic invariance [with summary in English]. Liul Min', IU D. Prokoshkin Zhur eksp. i teor. fiz 43 no 4 1202-1207 O '62

Anisotropy of the coefficient of cathode sputtering and focused collisions in single crystals. M. Balarin, V.A. Molchanov, V.G. Tel'kovskii. Dokl. AN SSSR 147 no.2:331-333 N '62.

Data on $\pi\pi$-interactions derived from π-meson production reactions in π-p-collisions [with summary in English]. IA. IA. Shalamov, A. F. Grashin. Zhur. eksp. i teor. fiz. 42 no. 4:1115-1121 Ap '62.

Wave function of the e-H collision. R. K. Peterkop. Opt. i spektr. 13 no 2.153-159 Ag '62.

COLLISIONS AT SEA—PREVENTION

Rakhovetskii, A.N. [Radar observations in poor visibility] Radiolokatsionnoe nabliudenie v usloviiakh plokhoi vidimosti Moskva, Izd-vo "Morskoi transport," 1962. 96 p. (Bibliotechka sudovoditelia morskogo flota)

COLLOIDS

Mobility of hydrate starch membranes. B.B. Vartapetian. Dokl. AN SSSR 147 no. 1:221-223 N '62.

Problems of colloid chemistry. K.A. Pospelova, Vest AN SSSR 32 no. 11:136-136 N '62.

COLON (ANATOMY)—INFLAMMATION see Colitis

COLON (ANATOMY)—SURGERY

Single-stage abdominal-perineal extirpation of the rectum and resection of the sigmoid colon in polyposis V. I. Karpikhin Vest. khir. no 5:114-115 '62

COLONIES (INTERNATIONAL LAW)

The national liberation movement and some problems of present-day international law I I Lukashuk Izv vys. ucheb. zav., prav. 6 no. 3 92-100 '62.

COLOR—PHYSIOLOGICAL EFFECT—BIBLIOGRAPHY
see Bibliography—Color—Physiological effect

COLOR MOTION-PICTURE PHOTOGRAPHY—PRINTING PROCESSES

Nonlinear gradation characteristics in the selection of color printing conditions (with summary in English) L F Artiushin Tekh kino i telev 6 no. 12 56-64 D '62

COLOR OF FISHES

Color change in fishes. A. D Chinarina. Trudy MMBI no. 1.260-273 '62.

COLOR OF WOOD

Trees are dyed standing V Krivoshein Les nat no 10 37 O '62.

COLOR PHOTOGRAPHY

Color in photography IA Zaidenberg Sov foto 22 no 10 33-34 O '62

COLOR SENSE

Interaction of various ocular receptors in the color vision of the cricket. G. A. Mazokhin-Porshniakov. Biofizika 7 no 4:442-448 '62.

Interesting case of color adaptation. V. G. Suchkov. Priroda 51 no 11 117 N '62.

COLOR TELEVISION

Construction of decoding networks for stereocolor television receiving systems I N Lipai Elektrosviaz' 16 no 11 22-29 N '62

Single-beam television picture tubes with index color control (with summary in English, p. 96) Ch. G. Postnikov Tekh kino i telev 6 no 12 34-40 D '62

COLORADO BEETLE see Potato beetle

COLORIMETRY

Colorimetric method of determining galacturonic acid content of pectin. T. K. Gaponenkov Izv. vys. ucheb. zav. pishch. tekh. no. 4:160-163 '62.

COLUMNS, CONCRETE—STANDARDS

Precast reinforced concrete columns with rectangular section Biul. stroi. tekh 19 no. 11 33-35 N '62.

Precast reinforced concrete two-branched columns Biul stroi. tekh 19 no. 11:30-32 N '62

COLUMNS, IRON AND STEEL

Determining stresses in the columns of the frame of the "Ukraina" hotel building during construction and operation. L. E. Kochergova. Trudy TsNIISK no. 13:200-213 '62.

COMA

Pathogenesis of insulin coma [with summary in English]. A. E. Lichko. Probl. endok. i gorm. 8 no. 4: 59-65 Jl-Ag '62.

COMBINES (AGRICULTURAL MACHINERY)

Galdin, M.V., L.M Kobyliakov, and G.A. Mel'nikov. [Specialized combines] Spetsial'nye kombainy. Izd. 2., perer. i dop. Moskva, Sel'khozizdat, 1962. 255 p. (DNAL)

The KPN-2 mounted direct-flow grain-harvesting combine. V.L. Pashkin. Biul. tekh.-ekon. inform. Gos. nauch.-issl. inst. nauch. i tekh. inform. no. 11: 82-83 '62.

COMBUSTION

Effect of the hydrodynamics of gas flow on the drift of the fire zone in a layer of coal fines. E.V. Kreinin. Nauch. trudy VNIIPodzemgaza no. 7:15-21 '62.

Oxygen sorption during the combustion of carbon (coke) [with summary in English]. L. N. Khitrin, M. B. Ravich, L. L. Koteva. Inzh.-fiz. zhur. 5 no. 8,12-22 Ag '62.

COMETS

Absolute magnitude of comets observed during 1954-1960 [with summary in English]. S.K. Vsekhsviatskii. Astron. zhur. 39 no. 6:1094-1097 N-D '62.

Interaction of solar corpuscular streams with cometary atmospheres [with summary in English]. L.S. Marochnik. Astron. zhur. 39 no. 6:1067-1073 N-D '62.

COMMERCE

Commodity experts reply. K. Simon and others. Sov. torg. 35 no. 7.50-54 Jl '62.

Role of a commodity expert. M. Tovbin. Sov. torg. 35 no. 7:33 Jl '62.

COMMERCIAL AGENTS
Granting the right to sign foreign trade transactions Vneshn. torg 35 no 7 1-2 Jl '62

COMMERCIAL CRIMES
Let's establish constant control over material values. Sov. torg 35 no 7 1-2 Jl '62
Let's insist on the strict observance of socialist law IA Gilbin Sov. potreb koop 6 no 7 51-52 Jl '62.
We should eliminate the factors which contribute to the perpetration of commercial crimes I Vasets'kyi Rad pra o no 6 69-70 N-D '62.

COMMERCIAL LAW
Let us improve the work of consulting lawyers S Butkeryeh, IU Shaul's'kyi Rad pravo no 6 114-117 N-D '62

COMMERCIAL PRODUCTS
[New consumer goods; information bulletin] Nov. tov.; inform biul. no 12 '62.

COMMUNICABLE DISEASES
(see also subdivision under Congo, (Leopoldville))
Clinical aspects of mental disorders in patients with infectious diseases treated with synthomycin [with summary in French] M A Zeitlenok, L. A. Stukalova Zhur nevr i psikh 62 no 6 894-896 '62
Restoration of immunity to diphtheria lost following infectious diseases [with summary in English]. G. A. Sudznaev, G I. Smilovitskaia. Vop okh mat. i det. 7 no 4 34-37 Ap '62.
Role of early diagnosis and etiotropic therapy in preventing infectious diseases I L. Bogdanov. Vrach. delo no 8 106-111 Ag '62

COMMUNICABLE DISEASES—BIBLIOGRAPHY see Bibliography—Communicable diseases

COMMUNICABLE DISEASES—CONGRESSES
Interinstitutional conference (in Baku, May 29 - June 1, 1962). M IA Rasulov Zdrav Tadzh 9 no 4 63-66 Jl-Ag '62

COMMUNICABLE DISEASES—PREVENTION
(see also subdivision under China)
Heighten the organizational work in lowering the incidence of and eradicating infectious diseases L. A. Silkvarelidze Zhur mikrobiol., epid. i immun. 32 no 12-3-8 D '61
Immediate problems in the control of infectious diseases in children A L Libov. Vop. okh mat i det. 7 no 4 3-6 Ap '62

COMMUNICATION THEORY see Information theory

COMMUNICATIONS, MILITARY
Agafonov, V. P., and A. V. Sakovich. [Military communications] Voennaia sviaz'. Moskva, Voenizdat, 1962, 232 p
Communications in a battalion attacking from the march. V Rutskoi Voen vest 42 no 5 34-35 My '62
Company sets up a communications center N Sterlev Voen vest 42 no 5 100-102 My '62

COMMUNICATIONS MUSEUMS see subdivision under Leningrad

COMMUNISM
(see also subdivision under Latvia)
Afanas'ev, V. G. [Great principle] Velikii printsip [Moskva] Molodaia gvardiia, 1962 71 p.
Ahashkova, T. V. [Transition from capitalism to communism is the general course of the development of human society] Perekhid vid kapitalizmu do komunizmu - shliakh rozvytku liudstva. Kyiv, Derzhpolitvydav URSR, 1962. 43 p. (Materialy XXII lopomohu vyvchaiuchim)
seful discussion. Kommunist 39 62.
[Economic laws of the transition ommunism] Ekonomicheskie khoda ot sotsializma k kommu- nizdat, 1962, 291 p.
ject matter and system of the es of scientific communism." V. G. Smol'kov. Nauch. dokl. vys. shkoly, filos. nauki 5 no. 5:125-130 '62.
Democratism and collectivity are the most important traits of school life Nar obr no 12 1-7 D '62
D'iachenko, V. V. [Communism builds for the people] Kommunizm stroitsia dlia liudei. [Moskva] Mosk. rabochii, 1962. 94 p. (CSt-H)
Formation of communist social relations. I. Togoev. Komm Uz 34 no 5 72-78 My '62.
From the Great October Revolution to communism Zhil.-kom. khoz. 12 no. 11:1-2 N '62.
The future belongs to communism. Komm. Mold 7 no 10 2-8 O '62
Heroic deed of the Soviet people. Nach shkola 30 no. 11-3-6 N '62.
Ivanov, N. T. [International significance of the 22d Congress of the CPSU] Mezhdunarodnoe znachenie XXII s"ezda KPSS Minsk, 1962 30 p. (Obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii Belorusskoi SSR, no. 14)
Khromushin, G. B. [Communist tomorrow and bourgeois lies] Kommunisticheskoe zavtra i burzhuaznye vymysly. Moskva, Ekonomizdat, 1962. 110 p.
Kutasov, D. A., and A. I. Ter-Zakharian. [From the "realm of necessity" to the "realm of freedom."] Iz tsarstva neobkhodimosti - v tsarstvo svobody. Moskva, Izd-vo, "Znanie," 1962. 47 p. (Novoe v zhizni, nauke, tekhnike. II Seriia, Filosofiia, no. 22)
Let us disseminate political knowledge among the masses. B. Mikhailov, F. Semenov. Kommunist 39 no. 17:81-88 N '62.
L'vov. Universytet. [Social and economic sciences; collected works of the graduate students of the departments of social sciences] Sotsial'no-ekonomichni nauki, zbirnyk robit aspirantiv kafedr suspil'nykh nauk. [L'viv], 1961. 244 p.
Main economic task of the party and the Soviet people. I Urmanov, T Salakhutdinov Nar khoz Uzb 1 no 10 33-39 O '62.
October as the space launching of the century. Mustai Karim Ogonek 10 no 45:6-7 N '62
Our readers are discussing the book "Basic principles of political science." Kommunist 39 no 17 89-91 N '62.
Power engineering should contribute to the current objectives in the building of communism. Elektrichestvo no. 11 3-6 N '62
Salt of the earth Andre Wurmser Nov vrem 20 no 46 5-6 N '62.
Special sociological studies and their role in Marxist sociology. G. V. Osipov and others Nauch. dokl. vys. shkoly, filos. nauki 5 no. 5 21-32 '62.
Transition to communism is the general course of social development I Zhutauski Nar nav. no 10 10-15 O '62
Victorious banner of the international communist movement. Vop. ist. KPSS 6 no. 6 15-21 '62.
[We shall live under communism] Budem zhit pri kommunizme. [Belgorod] Belgorodskoe knizhnoe izd-vo, 1962 57 p.

COMMUNISM—BIBLIOGRAPHY see Bibliography—Communism

COMMUNISM AND LITERATURE
Discussion "For the new man!" V. Dementiev and others. Oktiabr' 38 no 6 194-212 Je '62
Sloping horizon; remarks on the literature of the future. I. Efremov. Vop. lit. 6 no. 6:48-67 Ag '62.
Zhegalov, N. N. [Soviet literature in the struggle for the new man] Sovetskaia literatura v bor'be za novogo cheloveka. Moskva, Izd-vo "Znanie," 1962. 62 p. (Narodnyi universitet kul'tury: Fakul'tet literatury i iskusstva, no. 11)

COMMUNISM AND RELIGION
Socialism and religion I. Pantakhava. Blok. agit. [for Ukr.] no. 30:15-51 O '59.

COMMUNISM AND SCIENCE
Basic tasks in health protection for the population of Turkmenistan in light of the historic decisions of the 22d Congress of the CPSU D. N. Nepesov Zdrav Turk 6 no 2 3-7 Mr-Ap '62
Decisions of the March Plenum of the Central Committee of the CPSU and the tasks of Soviet biochemistry Biokhimiia 27 no 4 577-582 Jl-Ag '62
Development of communism and social sciences L. F. Il'ichev Priroda 51 no. 11-3-4 N '62
Let's strengthen the alliance between naturalists and philosophers M. V Keldysh. Priroda 51 no 11 5-6 N '62
Twenty-second congress of the CPSU and our tasks Zhur. ush., nos. i gorl. bol. 21 no. 6 3-4 N-D '61.

COMMUNIST COUNTRIES
Delusin, L. P. [The world of socialism and the liberation of oppressed peoples] Mir sotsializma i osvobozhdenie ugnetennykh narodov. Moskva, Izd-vo "Znanie," 1962. 39 p. (Novoe v zhizni, nauke, tekhnike. VII Seriia: Mezhdunarodnaia, no. 22)

COMMUNIST COUNTRIES—ARMED FORCES
Innovators of fraternal armies. G. Saulchaniuk, D Konstantinov. Starsh.-serzh no. 9 34-35 S '62

COMMUNIST COUNTRIES—COMMERCE
"The world socialist market" by V. I. Zolotarev. Reviewed by A. Nikolaeva. Vop. ekon. no. 10:139-141 O '62.

COMMUNIST COUNTRIES—COMMUNIST PARTIES
Mutual relations between the CPSU and the Communist parties of the satellite countries. P. V. Fedenko. Mat. i soob. Issl. otd. Inst. po izuch. SSSR no. 37:1-18 S '62.

COMMUNIST COUNTRIES—DIPLOMATIC AND CONSULAR SERVICE
Consular service of a socialist country in other socialist states. P. I. Lukin. Sov. gos. i pravo 32 no. 11: 114-119 N '62.

COMMUNIST COUNTRIES—ECONOMIC CONDITIONS
[Economic development of the people's democracies in 1961] Razvitie ekonomiki stran narodnoi demokratii v 1961 g. Moskva, 1962. 174 p. (Byulleten' inostr. i kommercheskoi informatsii, prilozhenie [Supplement] no. 4)
[MICROFILM]
Socialism is winning in the economic competition with capitalism. Mezhdunar. zhizn' 9 no. 12 114-118 D '62.
"Socialist camp, concise political-economic handbook with illustrations." Reviewed by V. Demidov. Mezhdunar. zhizn' 9 no 12-12b-127 D '62.
Two economic systems and two types of international division of labor [with English summary inserted] N. Ivanov Vneshn. torg 42 no. 11 7-15 '62
COMMUNIST COUNTRIES—ECONOMIC POLICY
Belinov, IU. N. [Following the equalization policy, on equalizing the level of economic development in socialist countries] Kurs - na vyravnivanie, na vyravnivanii urovnia razvitiia ekonomiki sotsialisticheskikh stran. Moskva, Izd-vo "Znanie," 1962. 47 p. (Novoe v zhizni, nauke, tekhnike. III Seriia: Ekonomika, no. 20)
COMMUNIST COUNTRIES—ECONOMIC RESEARCH - CONGRESSES
International conference of the economic institutes of Socialist countries. L. V. Mnevskii. Vest. Akad. nauk SSSR 32 no. 11:123 N '62.
COMMUNIST COUNTRIES—ELECTRIC LOCOMOTIVES DESIGN AND CONSTRUCTION
Cooperation among socialist countries in the field of electric locomotive construction. N. I. Komarnitskii, V. P. Ianov, S. N. Chernovskii. Zhel. dor. transp. 45 no. 11 84-86 N '62
COMMUNIST COUNTRIES—FOREIGN ECONOMIC POLICY
Internationalism in action N. Faddeev. Agitator no. 21 10-13 N '62.
COMMUNIST COUNTRIES—FOREIGN ECONOMIC RELATIONS
Belinov, IU. N. [Following the equalization policy, on equalizing the level of economic development in socialist countries] Kurs - na vyravnivanie, na vyravnivanii urovnia razvitiia ekonomiki sotsialisticheskikh stran. Moskva, Izd-vo "Znanie," 1962. 47 p. (Novoe v zhizni, nauke, tekhnike. III Seriia: Ekonomika, no. 20)
COMMUNIST COUNTRIES—RAILROADS - COST OF OPERATION
Several problems of commensurating railroad transportation expenditures in socialist countries V. A. Sud. Ocherki po ekon. zhel.-dor. transp. 4 196-204 '62
COMMUNIST COUNTRIES—STOCK AND STOCK BREEDING—PERIODICALS
Periodical publications on stockbreeding in the people's democracies Zhivotnovodstvo 24 no. 7:91-94 Jl '62
COMMUNIST EDUCATION
(see also subdivision under Hungary, Ivanovo Province; Kazan; Krasnoyarsk Territory; Uzbekistan)
Conference on theory and practice. N. A. Dobrolov. Prep. fiz. v shkole 17 no. 5:121-123 S-O '62
Cultivate the communist approach to work. Obshchestvo pit. no. 10:1-2 O '62.
Don't only teach but also persuade. M. Tregubova. Prof.-tekh. obr. 19 no 10 10-12 O '62.
Education of upright men is our most important objective S Mokhovikov. Komm. Bel. 36 no. 10:30-41 O '62
Extracurricular work on materials of the 22nd Congress of CPSU. I. N. Muzaliev. Prep. fiz. v shkole 17 no 5 59-60 S-O '62
Let's raise the ideological work in schools to the level of new objectives Fiz. v shkole 22 no. 3:1-3 Mr-Ap '62.
Let's train the younger generation in the spirit of scientific communism Nar. obr. no. 11 1-9 N '62
Man stricken toward communism F. Dolgikh. Sov. profsoiuzy 16 no 21,28-30 N '62.
Materials of the 22nd Congress of CPSU in the foreign language classes and in extracurricular work, a survey of articles. E. I. Glatman. Inostr. iaz. v shkole no. 4 41-60 Jl-Ag '62.
Pavlov, S. E. [Communist Youth League as the university of social training] Komsomol - universitet vospitaniia [Moskva] Molodaia gvardiia, 1962. 78 p. (Komsomol'skomu aktivistu)
Powerful source for the forming of the communist philosophy of the younger generation. Vest. vys. shkoly 13 no. 11:3-6 N '62.
[Recommended study plan for the schools of political education] Primernyi uchebnyi plan dlia politshkol. Moskva, Gospolitizdat, 1962. 14 p.
Samsonova, T. V. [Moral education of workers] Nravstvennoe vospitanie trudiashchikhsia. Moskva, Izd-vo "Znanie," 1962. 32 p. (Novoe v zhizni, nauke, tekhnike. II Seriia: Filosofiia, no. 23)

COMMUNIST EDUCATION (Continued)

Studying the resolutions of the 22nd Congress of CPSU on the basis of local material. V. Shovtiuk Prof.-tekh. obr. 19 no.10.19-21 O '62.

COMMUNIST ETHICS

Discussion "For the new man!" V. Dement'ev and others. Ortfabr' 39 no 6 194-212 Je '62

Ethical code of the builders of communism in action. Kommunist 39 no.17 37 N '62.

Formation of the new man is the process of our time. F. Petrenko, G. Khrustov. Kommunist 39 no.17:46-58 N '62.

Grigor'ev, B. G. [What hampers our work and mars our life] Chto meshaet nam zhit' i rabotat'. [Leningrad] Lenizdat, 1962. 38 p. (Besedy o moral'nom kodekse)

Ideology and ethics. M Koval'zon. Kommunist 39 no.17 37-46 N '62.

Objective criterion of ethical progress. M A. Kamyshan. Nauch. dokl. vys. shkoly; filos. nauki 5 no.5:90-97 '62.

Sveshnikova, E A. [Development of communist domestic relations] Kommunizm vkhodit v sem'iu Simferopol', Krymizdat, 1962. 55 p. (Kodeks kommunisticheskoi morali)

COMMUNIST ETHICS—STUDY AND TEACHING

Lecture group in a school. A. Khvorikova. Prof.-tekh obr. 19 no.10:22 O '62.

COMMUNIST PARTIES
(see also subdivision under Communist Countries; Europe, Eastern)

An interuniversity conference on the history of the present-day international communist and labor movement. I. I. Bielinkevych, M. A Ratych. Ukr ist zhur. 6 no.4:158-160 Jl-Ag '62

Sverdlin, M A. [Proletarian internationalism and the basic stages of its development] Proletarskii internatsionalizm i osnovnye etapy ego razvitiia Moskva, Vysshaia shkola, 1962. 94 p. (Materialy k lektsiiam po filosofii)

COMMUNIST PARTY see subdivision under Poland

COMMUNIST PARTY OF THE SOVIET UNION
(see also subdivision under Caucasus, Kara-Kalpak A. S. S. R.; Kazakhstan; Leningrad, Lithuania, Lvov Province, Moldavia, Odessa; Soviet Far East; Ukraine)

Bakhshiev, D. U. [The Party Bureau as an organ of collective leadership] Partiburo - organ kollektivnogo rukovodstva. [Moskva] Mosk. rabochii, 1962 37 p. (Bibliotechka sekretaria Partorganizatsii)

Barinov, A. S. [The Communist Party during the civil war and foreign armed intervention] Kommunisticheskaia partiia v period inostrannoi voennoi interventsii i grazhdanskoi voiny; material k lektsiiam po kursu "Istoriia KPSS." Moskva, Mosk. gos. bibliotechnyi in-t, 1960. 90 p.

The Communist Party during the civil war and foreign armed intervention, 1918-1920; methodological advice for propagandists. Komm. Ukr. 38 no.10:67-71 O '62.

The Communist Party is leading our country toward new achievements. Ukraina no.23 2-3 D '62

Borkin, V. R. [How to prepare and conduct a party meeting] IAk padrykhtavats' i pravesti partyiny skhod. Minsk, Dziarzh. vyd-va BSSR. Red. masavapolit. lit-ry, 1962. 23 p. (U dapamohu sakratару piarvichnai partarganizatsyi)

How the Communist Party struggled for the reconstruction of the national economy, 1921-1925; methodological advice for propagandists. Komm. Ukr. 38 no. 10: 71-75 O '62.

How to study the theme "The party during the civil war and foreign armed intervention, 1918-1920." A. Chuchko. Komm. Bel. 36 no.10.58-63 O '62.

Konanau, H. M. [Structure of the CPSU] IAk pabudavana KPSS. Minsk, Dzerzh. vyd-va BSSR. Red. masavapalit. lit-ry, 1962. 34 p. (Hutarki ab novym Statutse KPSS)

Kudlai, A. S. [The Communist Party during the period of foreign military intervention and civil war] Komunistychna partiia v period inozemnoi voennoi interventsii i hromadians'koi viiny, 1918-1920 rr. Kyiv, Derzhpolitvydav, URSR, 1959. 66 p. (Na dopomohu vyvchaiuchym istoriiu KPSR) (CSt-H)

Lectures on the history of the CPSU in the institutions of higher education. S. I. Murashov, A. S. Smirnov. Vop. ist. KPSS 6 no.6:215-222 '62.

Let us carry out the decisions of the plenary session of the Central Committee of the CPSU in November 1962. Kommunist 39 no.17:3-15 N '62.

Let us popularize the decisions of the plenary session of the Central Committee of the CPSU. Agitator no.24: 3-5 D '62.

"A methodological manual for students of the history of the CPSU." Parts 1-2. Reviewed by A. K. Kolesnikov. Vop. ist. KPSS 6 no.6:198-199 '62.

Mutual relations between the CPSU and the Communist parties of the satellite countries. P. V. Fedenko. Mat. i soob. Issl. otd. inst. po izuch. SSSR no.37:1-18 S '62.

New regulations on the counting of votes in the election of party organizations. Komm. Mold. 7 no.7:40-42 Jl '62.

Our party during the Great Patriotic War, June 1941-1945. IU. I. Kornbitov, M. N. Shatalin. Vop. ist. KPSS 6 no.6:153-163 '62.

Prudently and foresightedly we are marching along Lenin's path Ukraina no.23-1 D '62

School study of sources for the history of the CPSU. M. N. Chernomorskii. Vop. ist. KPSS 6 no. 6 154-167 '62.

Training the future students of the history of the CPSU and the teachers of this subject. Vop. ist. KPSS 6 no. 6 229-232 '62.

Under the banner of communism. S. Koval'skii Part. zhizn' Kazakh. 32 no.10 16-21 O '62.

Zagorin, V. M., and N. F. Vikulin. [Statutes of the Communist Party of the Soviet Union] Ob Ustave partii. Ed. 2., ispr. Moskva, Izd-vo "Znanie," 1962. 45 p.

COMMUNIST PARTY OF THE SOVIET UNION—BIBLIOGRAPHY see Bibliography—Communist Party of the Soviet Union

COMMUNIST PARTY OF THE SOVIET UNION—CONGRESSES

Akademiia nauk SSSR. Institut mirovoi ekonomiki i mezhdunarodnykh otnoshenii [The 22d Congress of the CPSU on the crisis of world capitalism] XXII s"ezd KPSS o krizise mirovogo kapitalizma. Otv. A. A. Arzumanian. Red. kollegiia: N. N. Kuchinskii i dr. Moskva, Ekonomizdat, 1962. 277 p.

Ivanov, N. T. [International significance of the 22d Congress of the CPSU] Mezhdunarodnoe znachenie XXII s"ezda KPSS. Minsk, 1962. 30 p. (Obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii Belorusskoi SSR, no.14)

COMMUNIST PARTY OF THE SOVIET UNION—MEMBERSHIP
(see also subdivision under Kazakhstan)

When they don't give due attention to the registration of party members. A. Mazhnikova, Z Komarova. Part zhizn' Kazakh. 32 no.11:66-67 N '62

COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK
(see also subdivision under Belska District, East Kazakhstan Province, Kalinin Province; Kazakhstan; Moldavia; Moscow; Nisporeny District; Novosibirsk Province; Ukraine; White Russia)

Barmenkov, A. I. [Ideological commissions of the party committees] Ideologicheskie komissii partiinykh komitetov. Moskva, Izd-vo "Sovetskaia Rossiia," 1962. 26 p. (Reshenila XXII s"ezda KPSS - v zhizn')

[How we propagandize the decisions of the 22d Congress of the CPSU in clubs] Propaganda reshenii XXII s"ezda KPSS v klube; iz opyta raboty. Moskva, Izd-vo Sovetskaia Rossiia, 1962. 110 p. (Bibliotechka sel'skogo klubnogo rabotnika, no. 9)

IAkaulevich, P. R. [How to control the execution of assignments] Ab pravertsy vykanannia. Minsk, Dziarzh. vyd-va BSSR. Red. masava-palit. lit-ry, 1962. 27 p. (U dapamohu sakratару piarvichnai partarganizatsyi)

Kapich, N. F. [Ideological work is a powerful weapon in the struggle for communism] Ideologicheskaia rabota - moguchaia sila v bor'be za kommunizm. Minsk, 1962. 37 p. (Obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii Belorusskoi SSR, no.15)

Karpov, M. P., and G. B. Brovarskii. [Party information] Partiinaia informatsiia. Moskva, Gospolitizdat, 1962. 53 p. (Voprosy partiinogo stroitel'stva)

Khrushchev, N. S. [Development of the U. S. S. R. economy and party guidance of the national economy] Razvitie ekonomiki SSSR i partiinoe rukovodstvo narodnym khoziaistvom; doklad na Plenume TsK KPSS 19 noiabria 1962 goda. Moskva, Gospolitizdat, 1962. 111 p.

Kommunisticheskaia partiia Sovetskogo Soiuza. TSentral'nyi Komitet. [Developing the U. S. S. R. economy and reorganizing the party guidance of the national economy; decree of the Plenum of the Central Committee of the CPSU based on the report of Comrade N. S. Khrushchev adopted on November 23, 1962] O razvitii ekonomiki SSSR i perestroike partiinogo rukovodstva narodnym khoziaistvom; postanovlenie Plenuma TsK KPSS po dokladu tovarishcha N. S. Khrushcheva, priniatoe 23 noiabria 1962 goda. Moskva, Gospolitizdat, 1962. 14 p.

Let us combine organizational work with ideological training. Part. zhizn' Kazakh. 32 no.11:3-8 N '62.

Morokhina, G. G., A. E. Pavlova, and M. P. Rinbova. [Communist party of the Soviet Union in the period of the large-scale building of communism] Kommunisticheskaia partiia v period razvernutogo stroitel'stva kommunizma; materialy v pomoshch' lektoram, propagandistam, slushateliam shkol i kruzhkov sети politicheskogo prosveshchenila. [Moskva] Mosk. rabochii, k 1962. 53 p.

Novikov, I. D., and A. G. Ryzhkov. [Efficient organizers of the masses] Boevye organizatory mass; iz opyta partiinoi raboty Moskva, Sovetskaia Rossiia, 1962. 63 p. (Reshenila XII s"ezda KPSS - v zhizn')

Propagandists of an industrial plant. D. Gorshenin. Part. zhizn' Kazakh. 32 no.11:63-65 N '62.

Sizov, G. F. [Initiative and independent action in party work] Initsiativa i samodeiatel'nost' v partiinoi rabote. Moskva, Sovetskaia Rossiia, 1961. 78 p. illus. (Iz opyta partiinoi raboty) (MH)

Temporary educational departments of party committees G Zadorozhnyi Part. zhizn' Kazakh. 32 no. 11:37-41 N '62.

To meet new needs. Nov. vrem. 20 no.49-1-2 D '62.

[Volunteers in propaganda] Obshchestvennye sily v propagande. [Moskva] Mosk. rabochii, 1962. 138 p.

Zhdanko, R., and V Dvaranauu [Party assignments] Partyinae daruchenne. Minsk, Dziarzh. vyd-va BSSR. Red. masava-palitychnai lit-ry, 1962 28 p. (U dapamohu sakratару piarvichnai partorganizatsyi)

COMMUNIST REVISIONISM

Adamov, O. [Some present day reformistic and revisionist theories of the transition from capitalism to socialism] O nekotorykh sovremennykh reformistskikh i revizionistskikh teoriiakh perekhoda ot kapitalizma k sotsializmu. Kishinev, Kartia moldovenieske, 1961. 90 p.
(MH)

COMMUNIST STATE

How a socialist state develops into communist communal self-government. V. A. Vaichuk Nauch dokl vys. shkoly; filos. nauki 5 no 5:160-164 '62

Kerimov, D. A., ed. [State and communism; some problems on the theory of state and law in the contemporary period] Gosudarstvo i kommunizm, nekotorye voprosy teorii gosudarstva i prava v sovremennoi period. Sbornik statei. Moskva, Gosiurizdat, 1962. 193 p.

COMMUNIST YOUTH LEAGUE
(see also subdivision under Moscow)

Communism is the young age of the world! Shkola i proizv. 6 no.5,3-4 My '62.

Communist Youth League and schools. Sov. pedag. 26 no 6 5-13 Je '62.

Lenin Communist Youth League and physical education Teor. i prak. fiz. kul't 25 no.6 1-7 Je '62

The Lenin Communist Youth League and the inculcation of the principles of communist communal self-government. K. A. Ptichulitsyna Sov. gos i pravo 32 no. 11 38-48 N '62.

COMMUNISTS
(see also subdivision under Kazakhstan)

Paulenak, B. U. [The rights and duties of the Communist] Abaviazki i pravy kamunista. Minsk, Dziarzh. vyd-vo BSSR. Red. masava-palit. lit-ry, 1962. 30 p.

When the destiny of a man is at stake A Poluektov Part. zhizn' Kazakh. 32 no 11,41-43 N '62.

COMMUNITY AND SCHOOL see subdivision under Ukraine Usen'-Ivanovskoye

COMMUNITY CENTERS

[The club as an organizer of leisure] Klub - organizator otdykha. Moskva, Sovetskaia Rossiia, 1962. 158 p (Bibliotechka sel'skogo klubnogo rabotnika, no. 6)

The inspection of "red corners" is in progress A Sharov, A. Vengerov, A Lilov. Sov. profsoiuzy 18 no 21 36 N '62.

COMPARATIVE LITERATURE see Literature, Comparative

COMPENSATION, WORKMEN'S see Employers' liability

COMPETITION, INTERNATIONAL

International economic relations and the competition of the two systems Otakar Simunek. Mezhdunar zhizn' 9 no.12:23-31 D '62.

Pashkevich, O. N., and S. I. Lukashevich. [We are building communism] My stroim kommunizm Minsk, Izd-vo Akad nauk BSSR, 1962. 199 p.

Socialism is winning in the economic competition with capitalism. Mezhdunar zhizn' 9 no.12:134-138 D '62.

COMPLEMENT FIXATION

Complement fixation reaction in amebiasis. L. I Rogova, N A Dekhkankhodzhaeva Trudy TashNIIVS 6:227-231 '61.

COMPLEMENTS (IMMUNITY)

Changes in the complement titer in the sera of rabbits during the process of development of Brown-Pearce carcinoma [with summary in English]. M. N. Nitovskii Biul. eksp. biol. i med. 54 no. 7:74-76 Jl '62.

COMPLEX COMPOUNDS

Alkaline cleavage of isopropylbenzene hydroperoxide. Part 3: Kinetic regularities in the thermal decomposition of the ROONa, ROOH complex V. A. Belfaev, M. S. Nemtsov. Zhur. ob. khim. 32 no.10 3113-3122 O '62.

Berauker, I. B., and A. V. Ablov. [Chemical bonds in complex compounds] Khimicheskaia sviaz' v kompleksnykh soedineniiakh. Kishinev, Izd-vo "Shtiintsa" Akad. nauk Moldavskoi SSR, 1962. 207 p.

Criteria for complex formation by molecules. A. E. Luteskii. Zhur. ob khim 32 no 11 3830-3840 N '62.

Possibility of producing complex compounds with modifying agents during the process of viscose fiber formation. A. S. Shevchenko, A. A. Konkin, A. T. Serkov. Khim. volok. no.5:27-30 '62.

COMPLEX COMPOUNDS (Continued)

Substances with complex-forming capacity Part 7- N,N,S-mercaptoethylaminotriacetic acid V G [Ashurakii and others Zhur ob khim 32 no 10 3372-3376 O '62.

COMPLEX COMPOUNDS—SPECTRA

Nature of a hydrogen bond and of metal-element bonds and their effect on the vibrational and electronic spectra of molecules D N.Shigorin Probl.fiz.khim no.1 173-201 '58.

COMPOSERS, AZERBAIJANI

Soiuz Sovetskikh kompozitorov Azerbaidzhanskoi SSR. [Young composers of Azerbaijan] Molodye kompozitory Azerbaidzhana. Baku, Detizdat, 1961. 71 p.

COMPOSERS, UKRAINIAN

Creative quests and daring inspirations Mariia Zahnil'evych Ukraina no 22 11 N '62.

COMPOSITION (MUSIC)

Contrasting forms in composition V Protopopov Sov. muz 28 no 9 33-37 S '62

Gnesin, M F. [Elementary course on practical composition] Nachal'nyi kurs prakticheskoi kompozitsii Izd.2., ispr.i dop Moskva, Muzgiz, 1962. 213 p.

COMPOST

(see also subdivision under Ukraine)

It is time to prepare composts V A Vasil'ev. Zemledelie 24 no 6:42-47 Je '62

COMPOUND E see Cortisone

COMPRESSED AIR

New method of using compressed air in open-hearth practice. K. A Greben' and others Stal' 22 no.11 997-999 N '62

Scientific technological conference on problems in using compressed air power in mining L V Sidorenko Gor zhur no 12 63 D '62

COMPRESSED WOOD see Wood, Compressed

COMPRESSORS

Chlumsky, Vladimir. [Piston compressors. Translated from the Czech] Porshnevye kompressory. Pod red. V.A.Rumiantseva. Moskva, Mashgiz, 1962. 402 p.

Expediency of pneumatic systems. L. N. Arkhangel'skii. Ugol' Ukr. 6 no.8 47 Ag '62.

Features of the theoretical determination of the efficiency and characteristics of centrifugal-type compressor machinery. V.F.Ris. Energomashinostroenie 8 no 10:26-29 O '62.

Klimovskii, E. M. [Using 2SG stationary compressors in blowing through pipelines. Experience of the Welding and Assembly Trust of the Main Administration of Urban Gas Supply of the U S.S.R.] Ispol'zovanie statsionarnykh kompressorov tipa 2SG pri produvke truboprovodov; iz opyta Svarochno-montazhnogo tresta Glavgaza SSSR. Moskva, VNIIST Glavgaza SSSR redaktsionno-izd. otdel, 1961. 26 p

Methods of calculating the performance of compressors operating in mountainous conditions with supercharging. N M. Barannikov. Izv vys ucheb. zav .tavet met. 5 no 3 19-26 '62

Standard compressor stations. R.Ostrovskii. Prom. stroi. i inzh. soor. 4 no 2 30-32 Mr-Ap '62.

COMPRESSORS—TESTING

Device for determining the specific pressure of piston rings. V.Beliavskii. Prom Arm. 5 no.10:37-38 O '62.

COMPUTATION LABORATORIES see subdivision under Leningrad

CONCRETE

Deformations of concretes in the process of steaming and during further storage provided with air-drying. L. A. Malinina, V. A. Fedorov. Izv. ASiA 4 no. 1:80-97 '62.

CONCRETE—CORROSION

"Corrosion and protection of marine structures made of concrete and reinforced concrete" by M. K Tikhonov. Reviewed by F. M. Ivanov, V. M. Medvedev Bet. i zhel - bet. 8 no 11 527-528 N '62.

CONCRETE—DICTIONARIES

Machkovskii, G. I., comp. [French-Russian dictionary on cement and concrete] Frantsuzsko-russkii slovar' po tsementu i betonu. Pod red. M. I. Khigerovicha. Moskva, Gosstroiizdat, 1962. 310 p.

CONCRETE—TESTING

Cubic and prismatic strength of high density and hydrated concrete at a temperature of 100°-300°. I. A. Arshinov. Trudy NIIZHB no. 29:37-52 '62.

High-strength concrete in bridge construction. IU. N. Khrometa, G. N. Pisanko. Bet. i zhel. -bet. 8 no. 10: 453-455 O '62.

Methods of testing concrete for expansion by cracking and for expansion under flexure. A. E. Desov, A. N. Vakhrusheva. Trudy NIIZHB no. 29:143-160 '62.

New developments in the study and use of fireproof concretes in thermal units. K. D. Nekrasov. Ogneupory 27 no. 11:524-530 '62.

Reitlinger, S. A., and IU. V. Chekhovskii. [Mechanisms of the transmission of gases and liquids through concrete and methods of studying the structure of concrete pores] Mekhanizmy perenosa gazov i zhidkostei cherez beton i metody issledovaniia struktury por betona. Pod red. P. A. Rebindera. Moskva, VNIIST Glavgaza SSSR. Redaktsionno-izdatel'skii otdel, 1961. 63 p.

Some problems of the technology of high density concrete for protection from radioactive effects A. E. Desov, V. I. Nadol'skii Trudy NIIZHB no 29 4-36 '62

Strength and deformability of compacted concrete mixes V. I. Soroker, D. L. Rabinovich Bet. i zhel. - bet. 8 no 11:503-507 N '62

CONCRETE—TRANSPORTATION

V [illegible] novskii. Ustroistva transportirovaniia betonnoi smesi po trubam. Moskva, Orgenergostroi, 1962. 60 p. (Iz opyta energeticheskogo stroitel'stva)

CONCRETE—VIBRATION see Vibrated concrete

CONCRETE, AIR-ENTRAINED see Air-entrained concrete

CONCRETE, PRECAST see Precast concrete

CONCRETE, PRESTRESSED see Prestressed concrete

CONCRETE BRIDGES see Bridges, Concrete

CONCRETE COLUMNS see Columns, Concrete

CONCRETE CONSTRUCTION

Combination of construction and assembly operations in construction of enterprises of the chemical industry. A. B. Rogozin Prom. stroi 40 no. 8 16-18 '62

Machine for placing the filter and the concrete. G. E. Rogover, M. R. Levtov. Mekh. stroi 19 no. 11:24-26 N '62.

Production-line construction of electrolysis shops I. M. Zvezdov, N. A. Vanisev Prom stroi 40 no 8 2-6 '62.

Reinforced concrete smokestacks are more economical than steel ones G. V. Kurdiukov, V. I. Ovchinnikov, V. P. Shilan Prom stroi. 40 no 8:27-30 '62

Sealing joints in poles. O. Shirokov. Stroitel' 8 no. 10:6 O '62.

CONCRETE CONSTRUCTION—COLD WEATHER CONDITIONS

(see also subdivision under Russia, Northern)

Construction of solid foundations in the winter. D. Shevchenko. Stroitel' 8 no. 10.7 O '62.

Hardening of concrete with an addition of potash in freezing weather S. A. Mironov, B. A. Krylov, E. N. Ukhov Bet. i zhel. - bet. 8 no 11:483-487 N '62

Mortars and concretes with an addition of table salt. V. Rizovatov. Stroitel' 8 no. 10 5-6 O '62.

Winter concreting with electric heating of the mix A. S. Arbeniev Prom. stroi. 40 no. 9:27-29 '62.

CONCRETE CONSTRUCTION—FORMWORK

Vagin, G. I., and G. S. Pin'kovskii. [Using portable formwork in supporting mine shafts] Krepienie stvolov shakht s primeneniem peredvizhnykh opalubok. Moskva, Gosgortekhizdat, 1962. 146 p.

CONCRETE CONSTRUCTION, PRECAST see Precast concrete construction

CONCRETE MIXERS

Automation of the loading of hoppers of concrete mixing units. O. Bol'for, T. Raku. Bud. mat. i konstr. 1 no 5 17-22 S-O '62.

Continuous automatic concrete mixing unit. M. Zal'tsberg, I. Kozina. Bud. mat. i konstr. 4 no. 5.13-16 S-O '62.

CONCRETE PILING

Experience in preparing piles formed by blasting. N Sepetyi and others. Stroi i arkhit 10 no. 10:26-28 O '62

CONCRETE PLANTS—STANDARDS

Standards for the technical design of enterprises producing precast reinforced concrete products by the mold method. Biul strot. tekh 19 no 11:19-20 N '62

CONCRETE PRODUCTS

Carbonate-concrete products made of waste products from obtaining limestone L. B. Rifman and others Stroi mat 8 no. 10 26-28 O '62.

Exclusion of some precast reinforced concrete products from the number of standard elements. Biul strot. tekh 19 no. 5.11-12 My '62

CONCRETE PRODUCTS—STANDARDS

District catalogues and standardization of precast reinforced concrete elements for industrial construction. A. Velichkin, L. Kozak. Prom. stroi. i inzh. soor. 4 no. 2.50-52 Mr-Ap '62.

CONCRETE PRODUCTS—TESTING

Experimental study of the torsion of two-ribbed reinforced concrete rods A. I Bogatyrev Biul tsent LNIIMF no 174 263-272 '60

CONCRETE REINFORCEMENT

The coefficient of homogeneity of stressed steel reinforcement. N. N. Kovalev. Bet. i zhel. -bet. 8 no 10 469-471 O '62.

The lesson of an accident. G. I. Abkhenshtein Bet. i zhel. -bet. 8 no. 10:472-473 O '62.

Prestressed rod stirrups in long-span beams. G. M. Eremeev. Bet i zhel -bet. 8 no. 10:150 '62 O '62

The US-1 universal apparatus IA Pogrebnoi, G. P. Prom stroi. i inzh. soor 4 no. 2 56-57 Mr-Ap '62

Use of strand reinforcement in prestressed concrete products M A. Shifrin, I. V. Ruf. Prom. stroi 40 no. 8:46-50 '62.

Using stock clamps in electrothermal stressing of reinforcement rods. B L Skilnz Bet i zhel - bet 8 no. 11 507-510 N '62.

Welding and thermal treatment of high-strength reinforcement wire G P. Sakhatskii, R. M. Shirokovskii Prom stroi. 40 no. 8:12-45 '62.

CONCRETE REINFORCEMENT—CONGRESSES

Improve and develop the electrothermal method of tensioning reinforcement. Bet. i zhel. -bet. 8 no 10 478-480 O '62.

CONCRETE REINFORCEMENT—CORROSION

The problem of corrosion of the reinforcement in concrete with additions of salt. P. I. Alekseiuk, O. V. Kuntsevich. Sbor trud. LNIIMF no 174 177 184 '60

CONCRETE ROOFING see Roofing, Concrete

CONCRETE WALLS

In the Central Industrial, Residential, and Engineering Cultural and Public Facility Buildings Research and Experimental Planning Institute Biul strot. tekh 18 no 5 41-42 My '62.

Insulated wall slabs with a length of 12 m. A. B. Liberman, I. A. Belinskii. Prom. strot. 40 no 8 50 N '62

Mechanized finishing of panels. Strel. i mekhan. rab. 11 no. 10:35 O '62.

Mold-made wall panels with prestressed concrete Ia. L. Kiselev Izv. ASiA 4 no. 1:57-62 '62.

CONDENSATE OIL WELLS see subdivision under Caucasus, Northern; Krasnodar Territory

CONDENSATION

Effect of the triple point position on the condensation mechanism of metals in a vacuum, and some properties of Zn and Cd condensates. I. S. Palatnik, N. I. Grigorov. Fiz. tver. tela 4 no. 8:2227-2232 Ag '62.

CONDENSATION PRODUCTS (CHEMISTRY)

Chemistry of selenophene. Part 30. Condensation reactions of 2-chloromethylselenophene. Sh. K. Ikhiaev, M. A. Gal'bershtam. Zhur. ob. khim. 32 no 10 3249 3252 O '62.

Polyene materials on the basis of condensation structures. I. N. Vlodavets, P. A. Rebinder. Vest. AN 32 no. 11:80-87 N '62.

CONDENSERS (ELECTRICITY)

Thermal conductivity factors of a section of oil-saturated paper capacitor. N. I. Nazarov Izv. vys. ucheb. zav. energ. 5 no. 10:48-51 O '62.

CONDITIONED RESPONSE

Absorption of glucose, pyruvate and lactate by brain tissue during insulin, conditioned insulin alimentary and amytal sleep. G. S. Khachatrian. Trudy Erevan. inst. no. 11:49-58 '60.

Change in the blind spot in glaucoma under the influence of time and situation as conditioned stimuli A. M. Fonikova. Trudy Turk. nauch.-issl. trakh. inst. 6(11) 101 '60.

Changes in the higher nervous activity in students taking tioning in Pioneer camps. B. I. Tonkin. Vop. kurort., fizioter. i lech. fiz. kul't. 27 no. 2:128-130 Mar-Ap '62

Importance of some head and body positions in conditioned stimuli under conditions of free movement [with summary in English]. V. I. Syrenskii. Biul. eksp. biol. i med. 54 no. 7:6-10 Jl '62.

Restoration through the use of phenamine of conditioned reflexes disrupted by cholinolytics [with summary in English]. M. N. Liniuchev, N. IA. Lukomskaia, F. I. Mikhel'son. Farm. i toks. 24 no. 6.650-654 N-D '61

Working out fine differentiation at "a great height." K. IU. Akhmedov. Zdrav. Tadzh. 9 no. 4:16-19 Jl Ag '62.

CONDUCT OF LIFE

Moiseev, D. V. [Do not choose the easy way in life] Ne vybiral legkikh putei v zhizni. [Leningrad] Lenizdat, 1962. 37 p. (Besedy o moral'nom kodekse)

CONDUCTOMETRIC ANALYSIS

Shape of curves of the amperometric titration of mercury with potassium iodide as determined by the indicator electrode potential. O. A. Songina, V. A. Zakharov. Zav. lab. 28 no. 8:908-910 '62.

CONDUCTOMETRIC ANALYSIS (Continued)

Trifonometric titration of trivalent thallium by the anodic amperometric method. V. A. Khadeev. Zav. lab. 28 no. 8 913-917 '62.

CONFECTIONERY
(see also subdivision under Moscow)

Continuous mechanized production line for the manufacture of multiple-layer glazed candy. N M Ruzanov, A N Samburskaia Khleb i kond prom 6 no. 11 37-41 N '62.

CONFECTIONERY—ACCOUNTING see subdivision under Leningrad

CONFORMAL MAPPING

Approximate formula for an extension in the conformal mapping of a region having a narrow sector IU L. IAkimov. Sib. mat zhur. 3 no 6:856-860 N-D '62

Some properties of the level lines in one-sheeted conformal mappings I. E. Bazilevich, G V Koretskii. Mat. sbor. 58 no. 3 249-280 N '62

CONGLOMERATE see subdivision under Mingrelia, Tien Shan

CONGO—SECTS

The anticolonial religious and political movement in the Lower Congo in the 20's-50's of the 20th century [with summary in English, pp. 226-227] B I Shatevskaia Nar Az i Afr. no 6 80-88 '62

CONGO (LEOPOLDVILLE)—COMMUNICABLE DISEASES

Epidemiological situation in the Republic of the Congo; according to data of a group of physicians from the Soviet Red Cross in the Congo B A. Godovannyi, V. I. Frolov. Zhur. mikrobiol., epid. i immun. 32 no. 12, 15-19 D '61.

CONGO (LEOPOLDVILLE)—POLITICS AND GOVERNMENT

Plans to "Balkanize" the Congo E Primakov. Nov. vrem. 20 no. 48 8-10 N '62.

CONGRUENCES AND RESIDUES

On a class of congruences of second-order curves with a degenerating focal surface. V. S. Malakhovskii. Dokl. AN SSSR 146 no. 4:765-768 O '62.

CONIFERAE see subdivision under Frunze

CONJUNCTIVA

Evaluation of the various methods of staining scrapings from the conjunctiva of the eyes for Prowazek's trachoma bodies. N. I. Zatulina Trudy Turk nauch.-issl. trakh inst 6:181-185 '60.

CONJUNCTIVA—SURGERY see subdivision under Turkmenistan

CONJUNCTIVA—TUMORS

Multiple cysts of the conjunctiva of both eyes. N. N. Nurmamedov. Trudy Turk. nauch. -issl. trakh inst. 6 167-171 '60.

CONJUNCTIVITIS see subdivision under Turkmenistan

CONJUNCTIVITIS, GRANULAR
(see also subdivision under Turkmenistan)

Clinical characteristics of trachoma according to materials from ophthalmological institutions in Turkmenistan. A. M. Sofyev Trudy Turk nauch -issl trakh. inst. 6:3-8 '60.

Clinical forms of the change in the cornea in trachoma. N. N. Nurmamedov Trudy Turk. nauch. -issl. trakh inst. 6:41-51 '60

Courage of a scientist. IU. Vilenskyi. Znan. ta pratsia no. 9:28 S '62.

Immediate results of operations for trachoma carried out in rural areas of Turkmenistan. M. S. Mertsalin, A. B. Berdyev. Trudy Turk. nauch. -issl. trakh. inst. 6: 21-24 '60.

Interrelations between glaucoma and trachoma. S. K. Karanov. Trudy Turk. nauch. -issl. trakh. inst. 6: 78-85 '60.

Our experience in organizing surgical treatment for patients with complicated forms of trachoma under the conditions of collective cotton farms in Turkmenia. M. S. Mertsalin, A. B. Berdyev. Trudy Turk. nauch. -issl. trakh. inst. 6:17-20 '60.

Therapeutic action of terramycin on corneal changes in trachoma. N. N. Nurmamedov. Trudy Turk. nauch. -issl. trakh. inst. 6, 9-15 '60

Use of Ildasa in trachoma with a consideration of biochemical changes in the palpebral conjunctiva (clinical-experimental study) [with summary in English]. P. V. Glukhova. Vest. oft. no. 1:23-30 '62.

CONJURING

Vadimov, A. A. [Tricks for all] Fokusy dlia vsekh; repertuarnyi sbornik v pomoshch' uchastnikam khudozhestvennoi samodeiatel'nosti. [Moskva] Profizdat, 1962. 310 p.

CONNECTIVE TISSUES

Change in the argyrophil substance of the connective tissue of the pia mater during the period of intrauterine development. E. A. Odintsova. Zdrav. Bel. 8 no. 7: 50-51 Jl '62.

CONSCIOUSNESS

The dispute on the nature of human consciousness between Darwin and Wallace. G. Gurev. Nauka i rel 4 no 10:24-27 O '62

Physiological sources of consciousness in the light of recent studies on the work of the brain. M. A Lugvin Nauch. dokl. vys. shkoly; filos. nauki 5 no 5:42-49 '62

CONSERVATION OF NATURAL RESOURCES

Kazantsev, N. D., and E. N. Kolotinskaia. [Legal aspects of conservation in the U. S. S. R., a textbook] Pravovaia okhrana prirody v SSSR; uchebnoe posobie. Moskva, Gosiurizdat, 1962. 132 p.

Kolotinskaia, E. N. [Legal aspects of conservation in the U. S. S. R., a textbook for correspondence students of state universities] Pravovaia okhrana prirody v SSSR, uchebnoe posobie dlia studentov-zaochnikov gosudarstvennykh universitetov. Pod red. N. D. Kazantseva. [Moskva] Izd-vo Mosk. univ., 1962. 103 p

CONSERVATION OF NATURAL RESOURCES—ABSTRACTS

[Regional studies] Ref. zhur. Otd. vyp. 35 Kraeved. no. 11 N '62.

CONSERVATORIES OF MUSIC see subdivision under Leningrad; Moscow; Sverdlovsk

CONSTRUCTION EQUIPMENT

Basic trends in the modernization of building and road machinery. A. V. Rumiantsev. Stroi i dor. mash. 7 no. 10:3-4 O '62.

Increasing the productivity of building machinery. Stroi. i arkhit. Len. 24 no. 10:36-38 O '62.

Indices of the present state and effectiveness of mechanization in construction. S. E. Kantorer. Mekh. stroi. 19 no. 11:26-28 N '62.

Kazarinov, V. M., and L. G. Tokht. [Universal construction equipment] Universal'nye stroitel'nye mashiny. Moskva, Mashgiz, 1962. 157 p.

Lintsov, V. A. [Mechanization of the major repair of apartment houses] Opyt mekhanizatsii kapital'nogo remonta zhilykh domov. [Leningrad] Lenizdat, 1961. 117 p.

New developments in construction equipment. Stroi. i arkhit., Len. 23 no. 12:29-30 D '61.

Using compressed wood at friction points in construction equipment. A. V. Apostol, F. IA. Koviazin. Stroi i dor. mash. 7 no. 10 20-21 O '62.

CONSTRUCTION EQUIPMENT—ABSTRACTS

[Manufacture of construction equipment and road machinery. Mining machinery] Ref. zhur. Otd. vyp. 43: Stroi. i dor. mashinostr. Gor. mash. no. 23 D '62.

CONSTRUCTION EQUIPMENT—EXHIBITIONS

Machinery and instruments for construction work. K. Privalovskii. Sel'. stroi. no. 10:18, 2 of cover O '62.

New construction equipment and machinery. Sel'. stroi no. 8:20 Ag '62

CONSTRUCTION EQUIPMENT—MAINTENANCE AND REPAIR

Automation of the technical servicing of building and road machines. B. S. Sinitsyn. Stroi. i dor. mash. 7 no. 10 18-19 O '62.

In the State Committee on Construction of the U. S. S. R. Mekh. stroi. 19 no. 11:30-31 N '62.

"Instructions on carrying out the planned preventive repair of construction equipment." Biul. stroi tekh 19 no 5:12-13 My '62

Russia (1923- U. S. S. R.) Gosudarstvennyi komitet po delam stroitel'stva. [Instructions SN 207-62 for carrying out preventive maintenance of construction equipment] Instruktsiia po provedeniiu planovo-predupreditel'nogo remonta stroitel'nykh mashin SN 207-62. Moskva, Gosstroiizdat, 1962. 74 p.

CONSTRUCTION EQUIPMENT INDUSTRY

Along the way shown by Lenin. Mekh. stroi. 19 no. 11: 2 of cover - 2 N '62.

CONSTRUCTION INDUSTRY
(see also subdivision under Alma-Ata; Balkhash; Fergana; Georgia; Karelia; Kiev; Kirghizistan; Kzyl-Orda; Leningrad, Lipetsk Province; Moldavia; Moscow; Moscow region; Omsk Province; Ryazan Province; Ukraine; Ural Mountain region; Uzbekistan; Volgograd Province; White Russia)

Advantages of the new form of work organization. N. P. Ignatov. Stroi. truboprov. 7 no. 9 31-32 S '62.

Berlin, M. Z. [Economics of agricultural construction] Ekonomika sel'skokhoziaistvennogo stroitel'stva. Moskva, Sel'khozizdat, 1962. 246 p.

Builder's Day is a national holiday. Prom. stroi. 40 no. 8:1-2 '62

Central Research Institute of Building Design. M. Z. Zel'din. Izv. ASiA 4 no. 1:132-134 '62.

Central Research, Planning, and Experimental Institute of Industrial, Residential and Public Buildings. I. P. Domshlak. Izv. ASiA 4 no. 1:130-132 '62.

Develop and strengthen the interfarm building organizations. V. Ivanov. Sel'. stroi. no. 8:1-2 Ag '62.

Do more today- have more tomorrow. V. Vasil'ev. Sel' stroi. no. 8:7-8a Ag '62

The economics of large-panel housing construction. V. Izmailov. Biul. mat. i konstr. 1 no 5:11-12 S-O '62.

The fourth quarter is the decisive one. Stroi. truboprov. 7 no. 10:1-2 O '62.

Give free play to cooperative construction. S. Rozantsev. Zhil.-kom. khoz. 12 no. 11:12 N '62.

Improving the planning of capital construction and changing the wage conditions and the system for rewarding workers in construction and assembly and planning organizations Biul stroi. tekh. 19 no. 11: 3-7 N '62.

In the Presidium of the Academy. L. L. Gamza. Izv. ASiA 4 no. 1:126-128 '62.

In the State Committee on Construction of the R. S. F. S. R Biul stroi. tekh. 19 no. 5 31-32 My '62

In the State Committee on Construction of the U. S. S R Biul. stroi tekh 19 no 5 28-31 My '62

In the State Committee on Construction of the U S S R. Biul stroi tekh 19 no 11:37-39 N '62

Information. Sel'. stroi. no. 10:31 O '62.

Institute of Construction Physics. E. S. Brzhozovskii. Izv ASiA no 3 121-123 '62.

Institute of structural Design M Z. Zel'din. Izv. ASiA no 3 120-121 '62.

Kommunisticheskaia partiia Sovetskogo Soiuza. Vysshaia partiinaia shkola. [Economics of construction] Ekonomika stroitel'stva; uchebnik. Moskva, Gospolitizdat, 1962. 542 p.

Loy, N. IA. [Large-panel and large-block construction] Krupnopanel'noe i krupnoblochnoe stroitel'stvo. Riga, Latvitskoe gos. izd-vo, 1962. 243 p.

Opposed to excesses in the design and construction of public and industrial buildings. Sil'. bud. 12 no. 9:1-2 S '62.

Plan of activities for 1962. Biul. stroi. tekh. 19 no. 5: 36-37 My '62.

Readers' letters. IA. Timofeev and others. Sel'. stroi no. 8:27 Ag '62.

Readers' letters. Sel'. stroi. no. 10:30 O '62.

Resolutions of the 8th session of the General Meeting of the Academy of Construction and Architecture of the U. S. S. R. Izv. ASiA 4 no. 1:12-26 '62.

Results of the 22d Congress of the CPSU and the tasks of the Academy of Construction and Architecture of the U. S. S. R Eighth session of the General Meeting of the Academy of Construction and Architecture of the U. S. S. R. Izv. ASiA 4 no. 1 3-17 '62

Rural construction workers of Stavropol mark out new frontiers. T. Vidiukov. Sel'. stroi. no. 6:3-4 Ag '62

Shorten the time, lower the cost, raise the quality of construction. Sel'. stroi. no. 10:1-2 O '62.

Using an economic basis for the planning of construction on collective farms guarantees the efficiency of capital investments. I. Shafran. Sil'. bud. 12 no. 9:21 S '62.

We answer readers' letters. Stroitel' 8 no. 10:31 O '62.

We should improve the administration of major construction work. M. I. Baryshev. Sov. gos. i pravo 32 no. 11 57-63 N '62.

When local reserves are utilized. P Lipkin. Sel'. stroi. no. 8 5 Ag '62

Zal'tsman, A. M., ed. [Housing construction in the U. S. S. R.; present state and prospects for development] Zhilishchnoe stroitel'stvo v SSSR; sostoianie i perspektivy razvitiia. Moskva, Gosstroiizdat, 1962. 202 p.

CONSTRUCTION INDUSTRY—ACCOUNTING
(see also subdivision under White Russia)

Accounting for wages in construction using keyboard calculating machines. A. Gorodiskii. Bukhg. uchet 18 no. 10:45-48 O '62.

Trakhtengerts, A. IA. [Accounting for capital investments and capital construction] Bukhgalterskii uchet kapital'nykh vlozhenii i kapital'nogo stroitel'stva. Pod red. F. A. Moskovskogo. Moskva, Gosenergoizdat, 1962. 565 p.

CONSTRUCTION INDUSTRY—BIBLIOGRAPHY see Bibliography—Construction industry

CONSTRUCTION INDUSTRY—AUDITING AND INSPECTION see subdivision under Moscow

CONSTRUCTION INDUSTRY—COSTS
(see also subdivision under Chimkent; Kazakhstan; Lugansk Province)

Assignment for reducing production costs must be fulfilled! Ekon. stroi. no. 11:3-6 N '62.

Hidden potentialities for reducing specialized and assembly work. S. Timofeev. Ekon. stroi. no. 11: 19-25 N '62.

Improving the system of establishing norms for overhead costs in the construction industry. V. Rotkov and others. Ekon. stroi. no. 11:50-62 N '62.

CONSTRUCTION INDUSTRY—FINANCE see subdivision under Dzhambul Province; Semipalatinsk Province; Tiraspol'; Tiraspol' District

CONSTRUCTION INDUSTRY—MANAGEMENT
(see also subdivision under Gorkiy Province, Kazakhstan)
Current economic problems of capital construction. G Levin. Vop. ekon no. 11 37-47 N '62.
"How construction management is organized in the U.S.S.R." by V.S. Evropin. Reviewed by IU. Fakterovich. Ekon. stroi. no. 11, 69-70 N '62.

CONSTRUCTION INDUSTRY—SAFETY MEASURES see Building—Safety measures

CONSTRUCTION WORKERS see subdivision under Europe, Virgin Territory

CONSTRUCTION WORKERS—EDUCATION AND TRAINING
Tasks of training experts in the Academy S.S Davydov Izv ASIA 4 no. 1 34-37 '62.

CONSUMPTION (ECONOMICS) see subdivision under Europe, Eastern

CONTAGION AND CONTAGIOUS DISEASES see Communicable diseases

CONTAINERS—ABSTRACTS
[Container shipments and the interaction of various types of transportation] Ref. zhur. Otd. vyp. 31· Vzaimodeis. raz. vid. transp. i kont. perev. no. 12 D '62.

CONTINENTS
Do the continents drift? P. I. Kropotkin Priroda 51 no 11 84-95 N '62

CONTINUOUS CASTING
Semicontinous pouring of cast iron pipe and cylindrical ingots. S. N. Mylko, S. M Skorodzievskii Met i gornorud prom no. 2 39-41 Mr-Ap '62.

CONTRACTS
"Economic contracts in the U. S. S. R." by V. N. Mozhelko. Reviewed by N I Krasnov, G. I. Khaidas. Sov. gos. i pravo 32 no. 11 143-145 N '62
The legal nature of precontract disputes. N.G. Murzin. Trudy Inst filos. i prava AN Kazakh. SSR 6 130-139 '62.

CONTRACTURE
Prevention of cicatrical contractures following burns in children. P V. Zavialov Vest khir no. 5·116-117 '62.

CONTRAST MEDIA
Vasodilation of the major arteries [with summary in English]. T. K Dzharakhian, K. B. Tikhonov. Biul. eksp. biol. i med. 54 no. 7 14-17 Jl '62
Use of diluted iodolipol for the X-ray study of the accessory sinuses of the nose A. I. Moskalev, N. I. Shvedov Zhur ush., nos i gorl bol. 21 no 6, 72 N-D '61

CONVERGENCE
Convergence in the mean for densities [with summary in English] S. Kh Sirazhdinov, M. Mamatov. Teor. veroiat. i ee prim. 7 no. 4 433-137 '62.

CONVERTERS
Converter operations with top oxygen blow in foreign countries (from foreign journals). I N. Lur'e. Stal' 22 no. 9 802-807 S '62

CONVERTERS—MODELS
Investigating on models the top blowing of metals. V.I. Baptizmanskii. Izv. vys. ucheb. zav.; chern. met. 5 no. 10;31-41 '62.

CONVEYING MACHINERY
(see also subdivision under Kursk Magnetic Anomaly; Sheregesh)
Automatic line for conveying yarn. I. P. Volkov, A. S. Udalov. Mekh. i avtom. proizv. 16 no. 10;13-14 O '62.
Automatic telpher transportation P. S Bondarenko, I. M Pallov. Khim. prom. no. 6 448-453 Je '62.
Bondarovskii E. D. and O. K. K...
The PK-1 apron conveyor for mines E V Bublikov, G D. Federov, V. I. Nikitin. Ugol' prom. no. 5 38-40 S-O '62.
Pusher conveyor with an automatic program control. P. S Bondarenko, I M Pallov Khim. prom no. 9· 671-683 S '62
Study of the parameters of the bearing springs of a belt and spring conveyor D M Belen'kii, I L Derevinskii Izv. vys. ucheb. zav., gor. zhur. 5 no 10 105-110 '62
Use of an analog computer in studying the dynamics of a two-pipe vibrating conveyer. E. U. Zhatikov. Izv vys ucheb. zav. ,elektromekh. 5 no 10 1108-1114 '62.
Use of suspended transportation in one-story industrial buildings of the new type D S. Asvadurov, R. G Shishkin, V. I Olkhov Prom. stroi 40 no 9 16-19 '62.

CONVEYING MACHINERY—ABSTRACTS
[Hoisting and conveying machinery and structures] Ref. zhur. Otd. vyp. 39; Pod. -transp. mash. i soor. no. 23 D '62.

CONVEYING MACHINERY—ELECTRIC DRIVING
Experimental study of an electric drive of a belt-type car loader. P. M. Ovsiannikov. Izv. vys ucheb zav., gor. zhur. 5 no. 9·105-109 '62.

COOKERY
Advice to the cook. Obshchestv pit no. 10;22-23 O '62.
Cookery. Rab i slel. 38 no. 11·24 N '62.
Cookery for airplane passengers. O. Narkevich. Obshchestv pit. no. 10 54-57 O '62
From the cook's notebook. Z. Sukhova. Obshchestv. pit. no. 10;24 O '62.
Kudentsov, N. D. [Cook's guide to food products] Tovarovedenie prodovol'stvennykh tovarov dlia kulinarov. Moskva, Gostorgizdat, 1962. 267 p.
Recipes for home cooking P. Grigor'ev. Obshchestv. pit. no. 10 60-61 O '62.

COOKERY (CORN)
Corn cookery Obshchestv. pit. no. 10·47-48 O '62.

COOKERY (MILK)
Startsev, I. A., and S. IA. Nishchaia. [Milk cookery and child nutrition] Molochnaia kukhnia i detskoe pitanie. Izd. 2., ispr. i dop. Kiev, Gosmedizdat USSR, 1962. 182 p.

COOPERATIVE APARTMENT HOUSES see Apartment houses, Cooperative

COOPERATIVE EDUCATION see Education, Cooperative

COOPERATIVE SOCIETIES
(see also subdivision under Africa; Arsk, Kazaneshti, Kharkov Province; Kirghizistan; Novogrigor'yevskoye, Novyi Nekouz District, Ozerynny, Ternopol' Province, Poland; Smolensk Province, Uzbekistan)
Editor's mail Sov. potreb koop. 6 no. 7·56-57 Jl '62.
Editor's mail. Sov. potreb. koop 6 no. 10;50-51 O '62.
In the pavilion of the Central Union of Consumers' Cooperatives Sov. potreb. koop. 6 no 7;32 Jl '62
Italian women cooperators in the U. S. S. R. M. Kopelkina. Sov. potreb koop. 6 no. 10 58-59 O '62.
Let's give fuller satisfaction to fishermen's requirements. V Mitiushkin. Sov. potreb. koop. 6 no. 10· 45-47 O '62.
Let's improve cooperative trade. Sov. potreb. koop. 6 no. 7;1-4 Jl '62.
Let's insist on the strict observance of socialist law. IA. Glikin Sov potreb. koop. 6 no. 7,51-52 Jl '62.
With community participation. M. Trishchenkov. Sov. potreb. koop. 6 no. 10 38-40 O '62.

COOPERATIVE SOCIETIES—ACCOUNTING
Mechanized accounting. M. Zuev. Sov. potreb. koop. 6 no. 10;48-10 O '62.

COOPERATIVE SOCIETIES—AUDITING AND INSPECTION see subdivision under Irkutsk Province

"...SOCIETIES—CONGRESSES
...urge in cooperative work; materials ...ess of Cooperative Society Repre... U.S.S.R. Sov. potreb. koop. 6 no. 10,

...AR
...lar coordinates for use of the time ...chenko, E. P Fedorov. Trudy inst. i izm prib. no. 58;30-64 '62.

...morphosis in Calanoida and a deter... elopment of species with an extended ...ion. B. M. Mednikov. Okeanologiia 2.

...urities on the photoelectric proper... ystals. H.A. Fedorus, V.D. Fursen... 7 no. 1;82-83 Ja '62,
...e properties of lead sulfide single ...amonov, N. S. Baryshev, I. S. ...er. tela 4 no. 8:2223-2226 Ag '62.

Effect of dislocations on the distribution of admixed copper in sodium chloride crystals. L. I. Roshchina, I. IA. Melik-Gaikazian. Fiz. tver. tela 4 no. 8 2261-2263 Ag '62.
Loychikov, V. S. [Melting of copper and copper-base alloys; third lecture of the course "Production of alloys and ingot casting" for students studying "Foundry of ferrous and nonferrous metals and alloys"] Plavka medi i splavov na osnove medi, 3eklii[illegible] po kursu "Proizvodstvo splavov i lit'e slitkov dlia studentov spetsial'nosti "Liteinoe proizvodstvo chernykh i tsvetnykh metallov i splavov." Moskva, Vecher. zaochnyi politekhn. in-t, 1959 04 p.
Wearing properties of copper films condensed in a vacuum. L. S. Palatnyk, O. I Il'inskyi. Ukr. fiz. zhur., 7 no. 1·77-79 Ja '62.

COPPER—ELECTROMETALLURGY
Balance of bath voltage and ways to improve the operation of electrolytic cells in copper electrolysis plants A I Levin and others TSvet met. 35 no 11 52-57 N '62.
Using residues of electrolytic zinc plants for copper deposition in the concentration of oxidized copper ores on a combined flowsheet. O. B Klebanov, A. V. Sokolova, B. A Stepanov TSvet. met. 35 no 11 36-41 N '62.

COPPER—METALLURGY
(see also subdivision under Almalyk)
Cementation of copper and lead from calcium chloride solutions. L. S. Dukhanikina, A. I. TSeft, Trudy Inst. met. i obog. AN Kazakh. SSR 5 52-56 '62.
Hydrometallurgical treatment of copper matte. A. I.. TSeft and others. Trudy Inst. met i obog. AN Kazakh SSR 5;72-76 '62.
Smelting copper-zinc concentrates in suspension. V. I. Chalov, B. V. Lipin. TSvet. met. 35 no. 7;29-31 Jl '62.
Vacuum treatment of liquid copper. V. L. Zilazov and others. TSvet. met. 35 no. 7;32-37 Jl '62.
Ways to increase the recovery of metals from copper-nickel sulfide ores. F. E. Lomagin, V. K. Plotnikovskii, A. I. Lyatsov. TSvet. met. 35 no. 7;31-28 Jl '62.

COPPER—TOXICOLOGY
Ways of reducing the occupational hazards in the use of copper trichlorophenolate. D. I. Keltbeit. Gor. nauch.-issl. inb. TTI no. 12;59-62 '61

COPPER—WELDING
Investigating the effect of welding conditions on the mechanical properties of welded joints in oxygen bearing copper V N Timofeev Avtom svar 15 no. 11 32-36 O '62.
Resistance spot welding of copper G. I Zlobin Avtom svar 15 no 10 63-65 O '62.

COPPER ALLOYS—ELECTRIC PROPERTIES
Highly resistant, electric conductivity copper alloys not containing scarce and costly elements M V Zakharova, B S Tikhonov, O F. Osintsev. Izv. vys. ucheb. zav., tsvet. met. 5 no. 3 122-128 '62.

COPPER CRYSTALS
Diffusive coalescence of porosities in crystals with a boundary lattice [with summary in English]. IA F Geguzin, L. N Paritskaia. Poroshk met 2 no 5 25 S-O '62.

COPPER FERRATE
Equilibrium conditions in the reduction of copper ferrate $CuFe_2O_4$ by hydrogen. N. M. Stafeeva and others. Dokl. AN SSSR 140 no. 4;874-876 O '62.

COPPER-GOLD ALLOYS—METALLOGRAPHY
Certain characteristics of the ordering process of the copper-gold solid solution close to the Cu_3Au composition. A. A. Presnikov, L. I. Dautova. Trudy Inst. met. i obog. AN Kazakh. SSR 5;179-181 '62.

COPPER IN THE BODY
Chalcosis of the eye and its treatment by negative ionization. V. I. Alekseeva. Vest. oft. no. 4,11 18 '62.
Copper content of the blood serum in Botkin's disease. T. V. Zhernakova, P. I. Strelev. Sov. med. 26 no. 10 119-123 O '62.
Iron and copper content in the blood of children with anemia [with summary in English]. O. M. Ingo. Sov. med. 26 no. 10;76-82 O '62.

COPPER INDUSTRY see subdivision under Balkhash

COPPER INDUSTRY—BY-PRODUCTS
Purification of converter gases in copper smelting plants V P. Smyaev, V. N. Kazakov, M F. Bogatyrev. TSvet. met. 35 no. 11·57-62 N '62.

COPPER-NICKEL ALLOYS
Mechanical properties of alloys of the system copper-nickel at elevated temperatures. B. IA. Pines, I. G. Ivanov. Fiz. tver. tela 4 no. 8:2109-2115 Ag '62.

COPPER ORES
Methods of preparing copper-nickel mattes for separation by flotation into copper and nickel concentrates. S T Kiselev. TSvet. met. 35 no 11;63-66 N '62.

COPPER OXIDE

Kinetics of the interaction between cuprous sulphide and cuprous oxide. I.R.Polyviannyi, V.G Avrov. Trudy Inst.met.i obog.AN Kazakh.SSR 5 12-18 '62.

COPPER OXIDE—ELECTRIC PROPERTIES

Method of studying the electrical conductivity and thermo-emf of cuprous oxide in a solid and a liquid state K P Zuev Trudy Stavr. sel'khoz inst no 9 121-131 '60

COPPER OXIDE CRYSTALS—SPECTRA

Deformation splitting of the blue and dark-blue exciton series in spectra of Cu_2O crystals. E.F.Gross, A.A. Kaplianskii, V.T.Agekian. Fiz.tver.tela 4 no.8 2169-2178 Ag '62.

COPPER-SILICON ALLOYS

Rapid method for analyzing silicon-copper alloys by reflected β-radiation. F.B.Ashbel' and others. Zav. lab. 28 no.11:1338-1339 '62.

COPPER SULFATE

A substitute for Bordeaux mixture IU F. Kulibaba. Zashch rast ot vred i bol 4 no 6 41-42 N-D '59

COPPER SULFIDE

Kinetics of the interaction between cuprous sulphide and cuprous oxide. I.R.Polyvinnyi, V.G.Avrov. Trudy Inst.met.i obog AN Kazakh.SSR 5 12-18 '62.

COPRA

Processing of copra V. A Stupnikov, P.I Koshevoi Masl -zhir. prom 28 no. 7 31-32 Jl '62

COPYING PROCESSES

Reflex and reversal photographic papers for document copying. M.I Shor. Zhur. nauch. i prikl. fot. i kin. 7 no. 5:402-404 S-O '62.

COPYRIGHT—ART

Yakman, E., and I.A.Gringol'ts. [Copyright for works of art] Avtorskie prava khudozhnikov. Moskva, Sovetskii khudozhnik, 1962. 262 p.

CORALS, FOSSIL see subdivision under Kara-Tau

CORE DRILLING

Zinenko, V.P., and A.N. Kirsanov. [Experimental measurements of the power consumed in core drilling of test holes] Eksperimental'nye izmerenila moshchnosti, zatrachivaemoi pri kolonkovom burenii razvedochnykh skvazhin. Moskva, Gosgeoltekhizdat, 1961. 48 p.

COREMAKING

Large-size hollow cores made of a sodium silicate mixture. V M Kalveshchev Lit proizv no 9 41-42 S '62

Sodium silicate cores with a hardened working area. G.I. Bobrlakov, V.D. Maronova. Lit. proizv. no. 8 6-8 Ag '62.

CORN (MAIZE)

(see also subdivision under Ararat region; Donetsk Province; Germany, East; Gomel Province, Kuban, Mordovia; Moscow Province; Stavropol Territory; Ukraine; Vologda Province; Voronezh Province)

Effect of calcium carbonate on the growth of corn and the activity of its enzymes. O I Kolosha. Dokl AN SSSR 147 no 1:237-239 N '62.

Effect of treating seeds before sowing with trace elements on corn yields, preliminary report M.D. Kindiakova. Uch. zap. Mord. gos. un. no. 13 70-75 '60.

Enlarged corn cultivating teams. I. Kurbatov. Sel'. mekh. no. 4:10-11 '62.

Farm experiment of raising corn without thinning and with various sowing norms. G. K. Stromin. Trudy Stavr sel'khoz. inst no. 9:69-73 '60.

General mechanization to grow corn with the least expenditure of labor. A. N. Vladychanskii, N. S. Krivchikov, G. K. Stromin. Trudy Stavr. sel'khoz inst. no. 9 193-199 '60.

Glinka, M. V. [For high corn yields] Za bol'shuiu kukuruzu. Moskva, Sovetskaia Rossiia, 1962. 61 p. (Reshenila XXII s"ezda KPSS - v zhizn'!) (DNAL)

In a few words. N. Nechunaev, M. Grab. Sel'. mekh. no. 4:48 '62.

In the Joint Scientific and Technological Council. I. N. Vlasov. Zemledelie 24 no. 10:85-86 O '62.

Naumov, V. I., and I. V. Sterkin. [Grain in armor] Zerno v bronе. Moskva, Izd-vo "Znanie," 1962. 45 p. (Narodnyi universitet kul'tury. Sel'skokhoziaistvennyi fakul'tet, no. 10)

Photosynthesis and some other physiological processes in corn as affected by various pH of the medium. S.S. Andreenko Agrobiologiia no. 5:729-733 S-O '62

Relation between the chlorophyll content and stages of organogenesis in corn [with summary in English]. I.A. Shul'gin, F. M. Kuperman, I. P. Shcherbina. Fiziol. rast. 9 no. 3:347-352 '62.

Roslikov, V. N. [Over-all mechanization of corn growing and harvesting] Kompleksnaia mekhanizatsiia vozdelyvanila i uborki kukuruzy. Moskva, Izd-vo M-va sel'. khoz. RSFSR, 1962. 61 p.

"Scientific bases for the preservation and processing of corn" by M G Cloflk. Reviewed by A I. Starodubtseva Biokhimiia 27 no 4 758-759 Jl-Ag '62

Size and quantity of pollen grains in some lines and varieties of corn S. N. Movsesian. Izv AN Arm SSR Biol nauki 15 no. 9,57-61 S '62

Tarchokov, K. K. [High corn yields on larger areas] Vysokie urozhai kukuruzy na bol'shikh ploshchadiakh Moskva, Sel'khozizdat, 1961. 57 p. (DNAL)

Treating seed corn before sowing with combined preparations N. S. Karavianskii Zashch rast. ot vred i bol 4 no 6 42 N-D '59

Ulin, I. I. [Petr Sapunov's corn field] Kukuruznoe pole Petra Sapunova. Moskva, Izd-vo "Znanie," 1962. 31 p. (Novoe v zhizni, nauke, tekhnike. V Serila. Sel'skoe khoziaistvo, no. 22)

What have we learned from our field experiments V Paliankou, P Nikishchanka Nar. asv no 10-55-56 O '62

CORN (MAIZE)—DISEASE AND PEST RESISTANCE

(see also subdivision under Orel Province)

Method for studying the resistance of corn to the smut. N P IAkovleva Zashch. rast. ot vred i bol 7 no 3 50-51 Mr '62

CORN (MAIZE)—DISEASES AND PESTS

(see also subdivision under Omsk Province; Stavropol Territory)

Charcoal rot of sorgo and corn caused by Sclerotium bataticola (Taub.) M A Chumarevskaia Zashch rast ot vred i bol 7 no 5 56 My '62.

Conference on stem rot in corn and sorgo N. K Zashch rast. ot vred. i bol 7 no 3:15 Mr '62.

Protecting corn against pests by means of granulated insecticides, review of literature B I Rukavishnikov Zashch rast ot vred i bol. 7 no 7 53-56 Jl '62

Protecting corn against wireworms A. P Sazonov Zashch. rast ot vred i bol. 7 no 3 39-40 Mr '62.

Root form of corn smut A I Korshunova. Zashch rast ot vred i bol 7 no 7 50 Jl '62

Shapiro, I. D. [Swedish fly as a corn pest and measures for its control] Shvedskaia mukha - vreditel' kukuruzy i mery bor'by s nei. Leningrad, Sel'khozizdat, 1962. 78 p. (Vreditelli i bolezni sel'skokhoziaistvennykh rastenii) (DNAL)

CORN (MAIZE)—FERTILIZERS AND MANURES

(see also subdivision under Kemerovo Province, Kuban; Ukraine)

Effect of manure-soil composts and bacterized organic-phosphate fertilizers on corn yield [with summaries in English, German, and French] A M Lovin Vest sel'khoz nauki 7 no 9 15-18 S '62

Methods of applying various fertilizers to corn at the time of planting. O. P. Kuvshinova Uch. zap. Mord. gos. un. no. 13 65-69 '60.

CORN (MAIZE)—IRRIGATION see subdivision under Azerbaijan, Ukraine

CORN AS FEED

Expedient production of dry feed from green corn stalks [with summaries in English, German, and French] A A Lisenkov Vest sel'khoz nauki 7 no 9,31-38 S '62

Raising young cattle on rations with increased amounts of forage corn and alfalfa. N.I Zakhar'ev, T. M. Solov'eva. Zhivotnovodstvo 23 no. 2:41-46 F '61.

CORN PICKER (MACHINE)

Kinematic elements of the feeding of ear corn to the husking rolls A L Ilyin' Visnyk sil'hosp nauky 5 no 5 90-91 My '62

CORNEA

Clinical forms of the change in the cornea in trachoma. N. N Nurmamedov. Trudy Turk. nauch. -issl. trakh inst. 6,41-51 '60.

Effect of cortisone and hydrocortisone on the regeneration of the optic cornea. A. N. Medvedev, A. IU. IUsupov. Trudy Turk. nauch. -issl. trakh. inst. 6:139-144 '60.

Formation of the cornea from skin subjected to the action of heat [with summary in English]. V. V. Popov, V. M. Kusturev. Biul. eksp. biol. i med. 54 no. 7,88-90 Jl '62.

State of the limbal region in trachoma in rural areas of Turkmenistan. N. N. Nurmamedov Trudy Turk. nauch. -issl. trakh. inst. 6:25-30 '60.

Therapeutic action of terramycin on corneal changes in trachoma N. N. Nurmamedov. Trudy Turk nauch. -issl trakh inst. 6,9-15 '60.

CORNEA—BLOOD SUPPLY

Significance of the posterior long ciliary arteries for nutrition of the cornea. M. Klima. Vest. oft. no. 1:21-23 '62.

CORNEA—TRANSPLANTATION

Case of the interruption, by an unusual method, of expulsive hemorrhage beginning during subtotal corneal transplantation. O. M. Romantko. Zdrav. Kazakh. 22 no. 6:63-65 '62.

CORONA (ELECTRICITY)

Determination of the effect of impulse corona on the magnitude of coupling coefficients between the wires of high-voltage lines and grounding wires. B. N. Kondra. Izv. vys. ucheb. zav., energ. 5 no 10:13-21 O '62.

Device for the investigation of the lacquer spraying process on a corona electrode. V. V. Berezovskii. Shor. trud. TsNIICHM no. 28:236-240 '62.

CORONARY HEART DISEASE

Changes in the coronary arteries of the heart in hypertension with acute and chronic coronary insufficiency [with summary in English] L. I. Likht. Vrach delo no. 8:32-37 Ag '62.

Sedative therapy of coronary insufficiency. R.P. Stambol'tsian Trudy Erev. med. inst. no 11 217-221 '60.

Surgical treatment of chronic coronary insufficiency by bilateral ligature of the internal mammary arteries. A. D.zh. Dzhagarian, K. A. Kandarian, S. Z. Oganesian. Trudy Erev. med. inst. no. 11,257-260 '60

CORONARY VESSELS—DISEASES

Changes in the coronary arteries of the heart in hypertension with acute and chronic coronary insufficiency [with summary in English] I. L. Likht Vrach delo no. 8:32-37 Ag '62

CORPULENCE

It's possible to control your weight. V. Matveeva. Rab. i stial. 38 no. 11:22 N '62.

Treatment of obesity with mephelin and diet. K. M. Prostakov. Sov. med. 26 no. 10 133-138 O '62.

CORPUS LUTEUM

Rupture of the ovarian corpus luteum in pregnancy [with summary in English]. A. A. Vasil'ev Sov med 26 no. 6:100-103 Je '62.

CORRELATION (STATICS)

Using mathematical (correlation) methods in planning effective operation of machinery plants. E. G. Liberman, V. P. Khaikin. Vest. mashinostr. 42 no 11:67-72 N '62.

CORRESPONDENCE SCHOOLS AND COURSES

(see also subdivision under Kirovograd; Ukraine; Uzbekistan)

Conference on correspondence education. Sov. torg 35 no 7,54-56 Jl '62

Organizing mechanical drawing lessons for correspondence students. V G Ignat'ev, V. V. Smirnova Sred spets obr 9 no 8 33-37 Ag '62.

Pay more attention to the correspondence higher school. V. Seleznev. Bukgh. uchet 19 no. 10 33-35 O '62.

Specialist on methods should work on methods. I. G. Makarov. Sred. spets obr 9 no 10:27-30 O '62.

CORROSION AND ANTICORROSIVES

Corrosion of metals in aqueous solutions of ammonia and ammonium carbonate. V A. Titov. Khim prom no 9 683-686 S '62

Hardening of alumina belite cements in corrosive solutions and the effect of various hydrolytic additives on the process. T A Rojdestvina, M G. Gutiamov Kor tsem i mery bor'by s nei no 2 109-130 '62

Inspection of the quality of the insulation of main pipelines. V. I. Glazkov, A. M. Zinevich Stroi truboprov. 7 no 9:3-6 S '62.

Insulation of joints with strips of adhesive material. V. B Serafimovich, D P Valuiskaia. Stroi truboprov 7 no 9:31 S '62

Investigation and evaluation of the corrosive action of liquid metals (survey). V. I. Nikitin. Zav. lab. 28 no. 8:951-954 '62.

Study of corrosion processes on specimens of varying composition. L. S. Palatnik, N. D. Gorban'. Dokl. AN SSSR 147 no. 2:346-349 N '62.

CORTICOSTEROIDS

Corticosteroids in the compound treatment of Botkin's disease [with summary in English]. V M Sukhariev. Sov med. 26 no. 6:36-41 Je '62.

Corticosteroids in the treatment of brucellar arachnoiditis N. D. Beklemishev, E. A Shnyreva, I. L. Kasatkina. Trudy Inst. kraev pat AN Kazakh SSR 12 220-225 '62.

Some changes in hemodynamics and the cardiogram in rheumatism treated with ACTH and corticosteroids. M. K. Gordon. Zdrav. Bel. 8 no. 7 38-40 Jl '62.

CORTICOSTERONE

Effect of cortisone and hydrocortisone on the regeneration of the optic cornea. A. N. Medvedev, A. IU. IUsupov. Trudy Turk. nauch. -issl. trakh. inst. 6:139-144 '60.

Treatment of eczema and neurodermatitis with hydrocortisone ointments. A. A. Kalamkarian. Sov med 26 no. 8:124-125 Je '62.

CORTISONE

Age characteristics in the effect of cortisone on liver proteins [with summary in English] V N Nikitin, IU. A Moroz, O. I Galavina Biokhimiia 27 no 4:675-679 Jl-Ag '62.

Complications caused by the use of cortisone therapy during surgical interventions [with summary in English]. V. A. Kovanov. Sov. med. 26 no. 6:66-74 Je '62.

"Cortisone therapy" [translated from the English] by John Harry Howard Glyn. Reviewed by V. B. Zairat'iants. Probl. endok. i gorm. 8 no. 4:126-127 Jl-Ag '62.

Cortisone treatment by the intermittent cyclic method in Botkin's disease [with summary in English]. I. S. Suk. Vrach. delo no. 8:118-123 Ag '62.

CORTISONE (Continued)

Effect of cortisone and hydrocortisone on the regeneration of the optic cornea A N Medvedev, A. IU. IUsupov Trudy Turk nauch -issl trakh inst. 6 139-144 '60

Effect of hormones (cortisone and ACTH) on vaccinal immunity against tick-borne encephalitis in an experiment [with summary in English] B G Trukhmanov, IU V Fedorov Vop virus 7 no 5 537-539 S-O '62

Electrical activity of the brain of brucellosis patients during treatment with prednisone and cortisone S Zh Tleulin Trud, Inst kraev pat AN Kazakh SSR 12 182-186 '62

Local use of cortisone in ophthalmology A IU IUsupov, A. N. Medvedev Trudy Turk nauch -issl trakh inst. 6 115-152 '60

Treatment of rheumatism in children with cortisone G A. Kirakosian Trudy Erev. med. inst. no. 11:301-304 '60.

Use of ACTH and cortisone in experimental shock [with summary in English]. Probl. endok. i gorm. 8 no. 4 16-19 Jl-Ag '62.

Use of cortisone for the purpose of detecting latent plague infection Report No. 2. Diagnosis of plague infection in gerbils (Meriones meridianus Pall.) by provoking it using cortisone A. I. Shtel'man. Zhur mikrobiol., epid i immun. 32 no 12 113-114 D '61

Use of cortisone in eye practice. T. L. Oganesian. Trudy Erev. med inst no 11:427-429 '60.

CORTOT, ALFRED, 1877-1962

Alfred Cortot K Adzhemov Sov muz 28 no 9 74-77 S '62

CORUNDUM—THERMAL PROPERTIES

Heat capacity and enthalpy of corundum in the temperature range 500°-2000°C [with summary in English] V IA Chekhovskoi. Inzh -fiz zhur 5 no 8:62-65 Ag '62.

CORYNEBACTERIUM

Determining the toxic properties of diphtheria bacteria K P Illarionova Trudy TashNIIVS 6 99-104 '61

Stud. of the biological properties of the pathogens isolated from toxic forms of diphtheria. V. G. Mikaelian, D A. Amian-Durinian. Trudy Erev. med. inst. no 11 157-161 '60.

CORYNEBACTERIUM DIPHTHERIAE

Determination of the toxigenicity of diphtheria bacteria on a solid nutritive medium [with summary in English]. V. A. Krhushchova Vop okh. mat. i det. 7 no 4:37-40 Ap '62.

COSMETICS INDUSTRY

Some results of the operation of perfume and cosmetic plants in 1961. Masl. -zhir prom 28 no 7 1-3 Jl '62

COSMIC RAYS

Answer to remarks by R Kh. Latypova and others on the article "Overall planetary picture of geomagnetic disturbances of corpuscular origin " M. S. Bobrov. Geomag. i aer 2 no 3 561-569 My-Je '62.

Apropos of M. S. Bobrov's article "Overall planetary picture of geomagnetic disturbances of corpuscular origin " R. Kh. Latypova and others. Geomag. i aer. 2 no. 3 553-560 My-Je '62

Calculation of fluctuations of the lateral distribution of large atmospheric shower particles [with summary in English] Ch A Tret'iakova, V. IA Shestoperov Zhur eksp i teor fiz. 42 no 4.1061-1062 Ap '62.

Calculation of the polarization of low energy cosmic ray muons [with summary in English]. V Berezinskii, B Dolgoshein. Zhur. eksp. i teor. fiz. 42 no. 4 1084-1087 Ap '62.

"Cosmic Rays" (series "Results of the IGY," no. 4, 1961). Reviewed by O. I. Inozemtseva. Geomag. i aer. 2 no. 1: 184-188 Ja-F '62.

Earth's radiation belts at elevations from 185 to 250 km. S. N. Vernov and others. Geomag. i aer. 2 no. 1:41-47 Ja-F '62

Effect of "small" flares of cosmic rays on days of magnetic disturbance. L. I. Dorman, E. V. Kolomeets. Geomag. i aer. 2 no. 1 56-57 Ja-F '62.

Measurements of the absorption of cosmic radio emission during the solar eclipse of February 15, 1961. G. M. Artem'eva and others Geomag. i aer. 2 no. 1: 58-60 Ja-F '62.

Nature of the local source of diurnal cosmic ray anisotropy during the main phase of a magnetic storm. L. I. Dorman, O. I. Inozemtseva. Geomag. i aer. 2 no. 3:453-463 My-Je '62.

New trend in the investigation of cosmic rays. A. A. Pomanskii. Vest. AN SSSR 32 no. 11 130-131 N '62.

Polarization of low energy cosmic ray muons at sea level [with summary in English]. B. Dolgoshein, B. Luchkov, V. Ushakov. Zhur. eksp. i teor. fiz. 42 no. 4:949-955 Ap '62.

Some anisotropy properties during the Forbush effect. A. A. Stepanian. Geomag. i aer. 2 no. 3:443-452 My-Je '62.

Variations in cosmic ray intensity during cyclones. N. P. Chirkov. Geomag. i aer. 2 no. 3:570-571 My-Je '62.

COSMOGONY

Particular case of the solution to the coagulation equation V S Safronov Dokl AN SSSR 147 no 1 64-67 N '62

The prestar state of matter IA B Zel'dovich. Zhur eksp i teor fiz 13 no 4 1561-1562 O '62

COSMOGONY, BIBICAL see Creation

COST AND STANDARD OF LIVING
(see also subdivision under United States)

Afanas'ev, V. G [Great principle] Velikii printsip. [Moskva] Molodaia gvardiia, 1962. 71 p.

Fedinin, V. K. [Communist path for improving the national welfare] Kommunisticheskii put' povysheniia narodnogo blagosostoianiia. Moskva, Ekonomizdat, 1962. 35 p.

Palyvoda, S., ed. [The most important objective of the party] Naholovnisha turbota partii. L'viv, Knyzhkovo-zhurnal'ne vyd-vo, 1960. 107 p.

To improve the standard of living. A Popov. Sov. potreb koop 6 no 7 58-61 Jl '62.

[Today and tomorrow; facts and figures about the standard of living of the Soviet people] Segodnia i zavtra; tsifry i fakty ob urovne zhizni Sovetskogo naroda. Moskva, Gospolitizdat, 1962. 126 p.

[Two worlds] Dva Svity. L'viv, Knyzhkovo-zhurnal'ne vyd-vo, 1960. 173 p

COSTS, INDUSTRIAL

Bregel', E. IA. [Profit and the cost of production] Pribyl' i izsena proizvodstva. Moskva, Izd-vo IMO, 1962. 87 p. (Lektsii po politicheskoi ekonomii, no. 7)

Methodology for determining the economic efficiency of introducing new machinery. Ekon. strof. no. 11:65-68 N '62.

Standard method of accounting as an operative control of production costs M. Fel'dman. Prom. Arm. 5 no. 10: 18-20 O '62.

COSTUME

Leningrad. Ermitazh. [Costume in Russia, from the 18th to the beginning of the 20th century, a catalog] Kostium v Rossii, XVIII - nachala XX vv; katalog. [By] N. M Sharala i E. IU. Moiseenko. Leningrad, 1962, 46 p illus.

COTTON

Effect of systemic poisons on the cotton plant [in Armenian with summary in Russian]. A. D. Avetisian, M. S. Smbatian Izv. upr. sel'khoz. nauki Arm. SSR 4 no. 10 39-45 '61.

COTTON—DISEASES AND PESTS see subdivision under Andizhan Province, Fergana; Uzbekistan

COTTON—DRYING

Drying of raw cotton by means of infrared rays. G. L. Gamburg Sbor nauch. -issl rab. TTI no. 12:25-28 '61

Effect of drying by means of flue gases on the structure, strength and elastic properties of cotton fibers. M. A. Khadzhinova Sbor. nauch. -issl. rab. TTI no 12:87-94 '61.

COTTON—FERTILIZERS AND MANURES

Effect of nicotinic acid on the uptake of phosphorus by cotton plants [with summary in English]. A. A. Borodulina, K. E Ovcharov. Fiziol. rast. 9 no. 3:265-269 '62.

COTTON—HARVESTING see subdivision under Tajikistan

COTTON—MICROBIOLOGY

Efficient method of control of the bacterial contamination of cotton. D L. Kel'bert, N. A. Tsitovich. Sbor. nauch. -issl. rab. TTI no. 12:101-103 '61

COTTON—STORAGE

Effect of light and weather conditions on raw cotton stored in bales Sh. K. Kadyrov. Sbor. nauch -issl rab. TTI no. 12:47-50 '61

COTTON—TESTING

Effect of light and weather conditions on raw cotton stored in bales. Sh. K. Kadyrov. Sbor. nauch. -issl. rab. TTI no. 12:47-50 '61.

COTTON—VARIETIES see subdivision under Turkmenistan; Uzbekistan

COTTON FINISHING

Washproof finishing of underwear fabrics. G. M. Smirnov, V. F. Rystsova. Tekst. prom. 22 no. 10: 72-73 O '62.

COTTON GINS AND GINNING

New machine for cleaning immature cotton. M. Aliev. Sbor. nauch. -issl. rab. TTI no. 12:3-5 '61

Theory of cotton gins. G. I. Boldinskii, A. I. Zel'tin. Sbor. nauch. -issl. rab. TTI no 12:21-23 '61.

COTTON GINS AND GINNING—EQUIPMENT AND SUPPLIES

Deriving the formula of the theoretic operative capacity of a gin saw. V. S. Kan. Sbor. nauch. -issl. rab. TTI no. 12:51-58 '61.

Possibility of increasing the rate of cotton fiber compression and improving the coefficient of power of the pump engine of the baling press. A. M. Sutormin Sbor. nauch. -issl. rab. TTI no. 12:79-86 '61

COTTON GINS AND GINNING—VENTILATION

"Manual on dust control in cotton gins" by V. I. Girty Reviewed by S. V. Puzanov. Sbor. nauch. -issl rab no. 12:299-300 '61.

COTTON GROWING see subdivision under Pskent District; Soviet Central Asia, Uzbekistan

COTTON INDUSTRY—LABOR PRODUCTIVITY

Readers' conference on the book "Labor productivity and labor requirements for goods manufacture in the cotton industry" by T. B. Poliak. N. F. Aleksandrovskaia. Tekst. prom. 22 no. 10 86-87 O '62.

COTTON MACHINERY

Analyzing the automatic cotton fiber distributors and dividing devices. V. I. Budnikov Sbor. nauch -issl rab. TTI no. 12 133-140 '61.

Modernization of the automatic regulation of the cotton feed in the stand-by chamber of single-process scutchers. D. M. Kofman and others. Tekst. prom. 22 no. 10 23-26 O '62.

New machine for cleaning immature cotton M. Aliev. Sbor. nauch. -issl rab. TTI no. 12:3-5 '61.

Working process of the press system with a hydromechanical accumulator P. P. Gordienko Sbor. nauch. -issl rab. TTI no. 12:39-45 '61.

COTTON MACHINERY—DESIGN AND CONSTRUCTION

Efficient shape of gin saw teeth. B. A. Levkovich. Sb. nauch. -issl. rab. TTI no. 12 69-80 '61.

COTTON MACHINERY—VIBRATION

Torsional vibrations of the saw shaft of gin saws. S. Khamitdinov. Sbor. nauch -issl. rab TTI no 12:91-100 '61.

COTTON MANUFACTURE

Primary processing of cotton and quality of the fiber. B. I. Rogunov. Sbor nauch. -issl rab TTI no 12:71-7 '61.

COTTON MANUFACTURE—STATISTICS

Formation of the norm base of an interbranch balance; based on the example of the cotton manufacturing industry. F. N. Klotsvog. Och. po novi. sov i zarub ekon no. 3 38-52 '62.

COTTON WILT see subdivision under Uzbekistan

COTTONSEED

Modernization of washing drums in the Karaganlak oil-extraction plant. E. I. Kashtanov. Masl. zhir. prom. 28 no. 7:38 Jl '62.

COTTONSEED OIL

Studying the hydrogenation of cottonseed oil in the foam state. G. I. Kolesnikov, G. B. Minakova Izv. vys. ucheb zav. pishch. tekh. no. 4:77-83 '62.

Use of a degossypolized phosphatide concentrate from cottonseed oil in feeds for young pigs. K. Karibaev Masl. zhir. prom. 28 no. 7:42-43 Jl '62.

COUMARIN

Localization of coumarin compounds in the fruit of Archangelica decurrens Ledb. G. A. Deninova, IU. A. Dranitsyna. Dokl. AN SSSR 140 no. 4 954-955 O '62.

COURTS
(see also subdivision under Cherkassy)

Golubova, L. M. [The role of people's assessors in the administration of socialist justice] Rol' narodnykh zasedatelei v osushchestvlenii sotsialisticheskogo pravosudiia. Frunze, Kirgizgosizdat, 1961. 67 p.

Kazakh S. S. R. Laws, statutes, etc. [Statute on election to the district (city) people's courts of the Kazakh S. S. R. Adopted by decree of the Presidium of the Supreme Soviet of the Kazakh S. S. R., October 13, 1962] Polozhenie o vyborakh raionnykh (gorodskikh) narodnykh sudov Kazakhskoi SSR. Utverzhdeno Ukazom Prezidiuma Verkhovnogo Soveta Kazakhskoi SSR ot 18 oktiabria 1960 goda. Alma-Ata, Kazakhskoe gos. izd-vo, 1960. 23 p.

[MICROFILM]

COWS

Effect of the live weight at the moment of calving, further development, and the age at the first mating on the milk yield of cows [in Armenian with summary in Russian]. A. A. Birtsian, R. O. Minasian, V. A. Zaramian. Izv. upr. sel'khoz. nauki Arm. SSR 4 no. 10:77-84 '61.

COWS—FEEDING AND FEEDS
(see also subdivision under Ukraine)

Content of sulfur organic compounds in the blood and urine of cows fed urea with added sodium sulfate I I Rozhnoi. Vianyk sil'hosp. nauky 5 no. 6:118-119 Je '62.

COXSACKIE VIRUSES

Materials from laboratory studies of the survival in the soil of some enteroviruses (poliomyelitis, ECHO, Coxsackie) [with summary in English]. O. A. Bagdasarian. Vop. virus. 7 no. 5:551-554 S-O '62.

(see also subdivision under Barents Sea)

Case of parthenogenetic activation of the eggs of the Kamchatkan crab (Paralithodes camtschatica) kept in an aquarium. N. A. Zubkova Dokl. AN SSSR 147 no. 2:502-501 N '62.

Effect of stretching on the test and action potentials in single crab muscle fibers V. I. Bruskov, L. L. Voronin Biofizika 7 no. 4:401-403 '62.

CRACKING PROCESS

Improved method of the electrocracking of methane to acetylene. D. T. Ilin, P. N. Eremin. Khim. prom. no. 5:401-410 Je '62.

Special features of systems of feeding a cracking reactor with oil. V. M. Kirsanov, M. A. Gonsales Khim. i tekh. topl. i masel no. 5 5-10 My '62.

Study of molecular transformations in a natural gas caused by electrodeless high-frequency discharges Part 2. Effect of certain physical factors and impurities on electric cracking. S. V. Starodubtsev and others. Izv. AN Uz. SSR. Ser. fiz.-mat. nauk 6 no. 5 58-65 '62.

CRANES, DERRICKS, ETC.

A beam-cut crane beam. A. P. Bazarnyi. Avtom., telem. i sviaz' 6 no. 11 42 N '62.

Improved crane mechanism. V. Braude. Rech. transp. 21 no. 11:15-16 N '62.

Kanonnay, M. V., and A. S. Nikiforov. [Improvements in the technology of the assembly of bridge cranes] Usovershenstvovaniia v tekhnologii sborki mostovykh kranov. Izd. 2. Moskva, Mashgiz, 1962. 86 p. (Biblioteka slesaria-montazhnika, no. 5)

Metallic derrick for drilling slant holes. G. Z. Volkov. Nefteprom. delo, sup. SAIGIMSa no. 5 185-186 '61.

Higuskin, A. T. [Repairing the metal components of the K-32 and LAZ-690 truck-mounted cranes, experience of the Main Administration for Housing and Public Construction of Leningrad] Remont metallokonstruktsii avtomobil'nykh kranov K-32 i LAZ-690, opyt Glavleningradstroia. Leningrad, 1962. 27 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia: Stroitel'naia promyshlennost', no. 7)

Movkow, Vsesoiuznyi nauchno-issledovatel'skii institut put'evogo i transportnogo mashinostroeniia. [Bridge cranes] Krany mostovye. Moskva, Otdel'nekh. inform. nabsil, 1961. 138 p.

The new DIK-50 assembly crane. L. G. Blokhin, A. V. Gorodinskikh. Stroi. i dor. mash. 7 no. 10:1-3 O '62.

New method of assembling transporter cranes. P. Tarakhkin, V. Babich, I. Ludenskii. Stroi. i arkhit. 10 no. 10:34-35 O '62.

Results of the competition between drilling and derrick assembling crews. A. IA. Rap'ev. Neftianik 7 no. 4, 4-6 Ap '62.

Selecting crane systems for assembling industrial buildings. V. Mutokhin, A. Smirnov. Stroi. i arkhit. 10 no. 10 20-24 O '62.

CRANES, DERRICKS, ETC.—SAFETY MEASURES

Causes for accidents and injuries during freight crane operations. A. A. Okorokov. Bezop. truda v prom. 6 no. 6:11-11 Je '62.

CRANES, DERRICKS, ETC.—TESTING

Effect of deviations of proper centering of crane jib units on the tension of their elements. S. L. Mak. Izv. vys. ucheb. zav.; mashinostr. no. 6:153-156 '62.

CRANES, DERRICKS, ETC.—TRANSPORTATION

New facilities for transporting cranes. I. M. Maniuta, N. I. Kulik. Stroi. i dor. mash. 7 no. 10:11 O '62.

CRANIOLOGY

(see also subdivision under Kerch Peninsula; Novgorod)

Skulls from a tumulus of the Bronze Age in the Bakhchisaray District. K. F. Sokolova. Mat. z antr., Ukr. no. 1:82-86 '62.

CRANKS AND CRANKSHAFTS—TESTING

Khakhanin, V. P. [Experimental investigation of the stressed state of the crankshaft of the 6 CH 23/30 engine] Eksperimental'noe issledovanie napriazhennogo sostoianiia kolenchatogo vala dvigatelia 6 CH 23/30. Gor'kii, Gor'kovskaia nauchno-issl. laboratoriia ispytaniia materialov, 1959. 16 p. [MICROFILM]

CRAYFISH see subdivision under Ukraine

CRAYFISH—DISEASES AND PESTS see subdivision under Poland

CREATION

Gur'ev, D. V. [God, Adam, and society] Bog, Adam i obshchestvo. Moskva, Gospolitizdat, 1962. 110 p.

CREEP OF MATERIALS

Annular device for studying the creep and long-term shear strength of clay soils by the twisting method. A. R. Mevchian. Izv. AN Arm. SSR, Ser. fiz.-mat. nauk 15 no. 5:119-131 '62.

CREEP OF METALS

Determination of the characteristics of creep of metals by means of bench testers. B. M. Rakhman. Zav. lab. 28 no. 8:975-976 '62.

Studying the temperature dependence of the creep strength of iron in connection with the interaction between dislocations and interstitial atoms. V. I. Sarrak, R. I. Entin. Dokl. AN SSSR 146 no. 4:810-812 O '62.

CREOLIN—TOXICOLOGY

Therapeutic effect of sodium hyposulfite in the poisoning of animals with phenol or creolin. P. P. Golyshenkov. Uch. zap. Mord. gos. un. no. 13:164-170 '60.

CRESOL

Precautionary measures in using dinitroorthocresol. F. N. Burlakskaia. Zashch. rast. ot vred. i bol. 7 no. 3:41-42 Mr '62.

Production of dinitroorthocresol. T. I. Burlakova, L. IA. Gertsberg. Khim. prom. no. 9:646-648 S '62

CRICKETS

Interaction of various ocular receptors in the color vision of the cricket. G. A. Mazokhin-Porshniakov. Biofizika 7 no. 4:442-448 '62.

CRIME AND ALCOHOLISM see Alcoholism and crime

CRIME AND CRIMINALS

"A course in Soviet criminal law. General part. The theory of crime in Soviet criminal law" by A. A. Piontkovskii. Reviewed by S. Tykhenko and others. Rad. pravo no. 6:143-147 N-D '62.

Motives of homicide and those criminal offenses which imperil the health of injured persons. IA. M. Kul'berg. Sov. gos. i pravo 32 no. 11:134-138 N '62.

Studying the personality of criminals. A. M. IAkovlev. Sov. gos. i pravo 32 no. 11:108-113 N '62.

"Who are the perpetrators and what are the sources of criminal offenses in the U.S.S.R." by A. B. Sakharov. Reviewed by S. A. Domakhin, P. T. Nekipelov, V. G. Beliaev. Izv. vys. ucheb. zav., pravo, 6 no. 3:171-176 '62

CRIME PREVENTION see subdivision under Bukovina; Uzbekistan

CRIMEA—ARCHAEOLOGY

"The Chersonese collection." No. 5. "Materials on the archaeology of the Tauric Chersonese", "Reports of the Chersonese Museum." No. 1. Reviewed by P. O. Karyshkovskii. Sov. arkheol. 6 no. 4:281-283 '62.

CRIMEA—ASTRONOMICAL OBSERVATORIES

Sun flare hunter. O. A. Mel'nikov. Nauka i zhizn' 29 no. 5:28-32 My '62

CRIMEA—BOTANICAL GARDENS

The 150th anniversary of the Nikita Botanical Garden. N. V. Ryndin. Vest. sel'khoz. nauki 7 no. 9:141-143 S '62

CRIMEA—BUILDING STONES

Brianov, V. V. [Extracting large blocks] Dobycha krupnykh blokov. Simferopol', Krymizdat, 1961. 44 p.

CRIMEA—CAMPS

At the blue-black sea. IUn. nat. no. 10:4-5 O '62.

CRIMEA—CARPENTER MOTHS—EXTERMINATION

Leopard moth and its control. O. S. Krylova. Nauk. pratsi Ukr. nauk.-dosl. inst. sad. no. 37:53-59 '60.

CRIMEA—CAVES

Solomonik, E. I., and B. N. Ivanov, eds. [How secrets are revealed; sketches on Krasnopeshchernaya] Kak raskryvaiutsia tainy; ocherki o Krasnykh peshcherakh. Simferopol', Krymizdat, 1962. 108 p.

CRIMEA—DESCRIPTION AND TRAVEL

Sokolov, G. A. [Man adorns the earth] Chelovek ukrashaet zemliu; putevye pol', Krymizdat, 1961. 230 p.

CRIMEA—LIMESTONE

Using limestone blocks. A. Starchik no. 10:20 O '62.

CRIMEA—LIZARDS

Taxonomy of the lizard Lacerta saxicola in the Crimea and the Northern Caucasus [in English]. N. N. Shcherbak. Zool. 1374-1385 S '62.

CRIMEA—MINES AND MINERAL RESOURCES

Malakhovskii, V. F., S. D. Shargorodskii. [Mineral resources of the Crimea and the utilization in chemical industries] Khimicheskaia promyshlennost' pol', Krymizdat, 1959. 37 p.

CRIMEA—PUBLIC HEALTH

Titenko, A. S., and V. R. Dovzhenko, enthusiasts] Entuziasty zdravookhranenii pol', Krymizdat, 1960. 62 p.

CRIMEA—SMUGGLING

Havallo and Ilirko Alchak. P. P. Romanov. Znan. ta pratsia no. 9:10-19 S '62

CRIMEA—STATE FARMS

Feshchenko, P. S. [Towards a new upsurge in state-farm economy] K novomu pod'emu ekonomiki sovkhozov, v pomoshch' izuchaiushchim ekonomiku sel'skogo khoziaistva. Simferopol', Krymizdat, 1961. 54 p.

CRIMEA—THRIPS

Biology and postembryonic development of the sage thrips Taeniothrips fedorovi Priesner (Thysanoptera, Thripidae) [with summary in English]. N. N. Dobreneva. Ent. obozr. 41 no. 2:322-333 '62.

CRIMEA—TOBACCO THRIPS—EXTERMINATION

Method for the extermination of the tobacco thrips. N. A. Satarova, I. V. Zvlagintsev. Zashch. rast. ot vred. i bol. 7 no. 5:40-41 My '62

CRIMEA—VIEWS

[The Crimea; a photographic album] Krym; fotoal'bom. Simferopol', Krymizdat, 1962. 1 v. (chiefly illus.)

CRIMINAL INVESTIGATION

"Clues at the scene of a crime" by I. F. Krylov. Reviewed by I. E. Bykhovskii, A. R. Ben'kovskii. Izv. vys. ucheb. zav., prav. 6 no. 3:176-178 '62.

CRIMINAL JUSTICE, ADMINISTRATION OF see subdivision under Bar District

CRIMINAL LAW

Ways of the enactment of criminal laws. M. I. Kovalev. Izv. vys. ucheb. zav., prav. 6 no. 3 142-146 '62.

CRIMINAL PROCEDURE

Legal position of "suspects" in the recently enacted criminal procedure code of the R.S.F.S.R. V. V. Kotrovskii. Izv. vys. ucheb. zav., prav. 6 no. 3 83-91 '62.

Savgirova, N. M. [Arrest and other measures of constraint in criminal procedure] Mery presecheniia i inye mery protsessual'nogo prinuzhdeniia; lektsiia po ugolovnomu protsessu dlia studentov vechernego i ochnogo obucheniia. [Moskva] Izd-vo Mosk. univ., 1960. 25 p.

CROP ROTATION see subdivision under Khabarovsk

CROPS AND SOILS

(see also subdivision under Ararat region; Voronezh Province)

Nature of the relationship between the soil and the vegetation in meadows and pastures of the Chernyye Zemli with an ecologic and physiological evaluation of the plant elements of soil-vegetation complexes. A. L. Kazintsev, D. I. Kolpikov. Trudy Stavr. sel'khoz. inst. no. 9 33-42 '60

CROUP

Clinical aspects of croup of viral etiology [with summary in English]. N. I. Nisovich and others. Vop. okh. mat. i det. 7 no. 4:23-29 Ap '62.

Role of the para-influenza viruses in the etiology of pseudocroup [with summary in English]. A. G. Bukrinskaia, K. V. Blumental'. Vop. virus. 7 no. 5:567-572 S-O '62.

CROWN-GALL DISEASE

What kind of nursery stock should be released from nurseries, results of discussions. M. V. Gorlenko. Zashch. rast. ot vred. i bol. 7 no. 5:18-19 My '62.

CRUSHING MACHINERY

Automation of large jaw crushers. V. F. Fedorov. Mekh. i avtom. proizv. 16 no. 10:11-13 O '62.

Ball mill performance at supercritical speeds. S. I. Denev. TSvet. met. 35 no. 7,3-8 Jl '62.

Improving the operating indices of large jaw crushers.

Energy of the formation of vacancies and their concentration in tungsten. IA. A. Kraftmakher, P. G. Strelkov Fiz. tver. tela 4 no. 8:2271-2274 Ag '62.

Nature of chemical bonds in ABO_3 ferroelectric crystals with a perovskite structure V. G. Granovskii Kristallografiia 7 no. 4,604-608 Jl-Ag '62

Spin-orbit interaction and the Knight shift in superconductors [with summary in English] A. A. Abrikosov, L. P. Gor'kov. Zhur. eksp. i teor. fiz. 42 no. 4 1088-1098 Ap '62

Theory of magnetic neutron scattering on an impurity center in a crystal. V. Kashcheev Izv. AN Latv SSR no. 7 53-56 '62

CRYSTAL OPTICS

Quick determination of the orientation of Ge and Si single crystals on a URS-251 diffractometer [with summary in English]. L. I. Datsenko. Ukr. fiz. zhur. 7 no. 1 67-71 Ja '62.

Theoretical foundations of the experimental determination of the increments of polarization constants in crystals V. A. Shamburov Kristallografiia 7 no. 4 593-599 Jl-Ag '62

CRYSTALLINE LENS

Changes in the anterior segment of the eyeball following the implantation of an artificial plastic crystalline lens in an experiment V. F. Zheleznova, O. R. Bogomolova. Vest. oft. no. 4 49-52 '62.

CRYSTALLIZATION

Crystallization kinetics of rubber at low temperatures [with summary in English] M. F. Bukhina Vysokom. soed. 4 no. 9 1394-1397 S '62

Design of crystallizers for fused substances B. N. Vol'fson. Khim. prom. no. 9 658-659 S '62

Effect of inoculents and insoluble impurities on the crystallization of bismuth and zinc in a field of elastic vibrations V. E. Neimark, I. I. Teumin, M. IA. Fishkis Lit. proizv. no. 9 31-32 S '62

Effect of manganese, aluminum, and calcium on the kinetics of magnesium recrystallization M. E. Drits and others. Metalloved. i term. obr. met. no. 11 28-31 N '62.

Effect of ultrasound on oriented crystallization. V. K. Liapidevskii, I. V. Falomkin. Akust. zhur. 8 no. 3:359-370 '62.

Effect of ultrasound on structure formation in primary crystallization. I. G. Pototskii, G. I. Levin Kristallografiia 7 no. 4 645-647 Jl-Ag '62.

Formation and development of crystallization center in a potassium alum solution placed in an ultrasonic field A. P. Kapustin, V. E. Kovaliunaite Kristallografiia 7 no. 4:613-615 Jl-Ag '62.

Induction period of structure formation in the solidification of hemihydrated gypsum. E. A. Amelina, E. E. Segalova, P. A. Rebinder. Dokl. AN SSSR 147 no. 2: 392-394 N '62.

Recrystallization of low-carbon steel deoxidized by various amounts of aluminum. I. I. Bokov. [Sbor. trud.] Nauch.-issl. inst. met. no. 4 91-95 '61.

Relation between physicomechanical properties and the nature of secondary structures in crystallizing polymers Part 2 Photomicrographic investigation of the spherolite structure of polyamide 68 in bulk [with summary in English] A. V. Ermolina, L. A. Igonin, V. A. Kargin. Vysokom. soed. 4 no. 9 1380-1384 S '62

Role of zonal stresses during the forming of a coarse crystal rim during the heating for annealing of extruded aluminum alloys. S. S. Gorelik, IU. M. Vainblat, E. A. Malysheva. Metalloved. i term. obr. met. no. 11: 21-23 N '62.

Thermomechanical properties of crystallizing rubber vulcanizates [with summary in English] M. F. Bukhina, B. M. Gorelik. Vysokom. soed. 4 no. 9 1390-1393 S '62

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Selection rules and exciton energy spectra. Calculation of external fields and directional deformations S. A. Moskalenko, A. I. Bobrysheva. Fiz. tver. tela 4 no. 8. 1994-2004 Ag '62.

Solid phases and compounds of variable composition in modern physical chemistry and crystal chemistry. B. F. Ormont. Probl. fiz. khim. no. 1 139-155 '58.

Using the statistical method for determining the space group of copper pyridinate E. A. Shugam, L. M. Shkol'nikova Kristallografiia 7 no. 4 534-536 Jl-Ag '62.

CRYSTALLOGRAPHY, MATHEMATICAL

Correction to the article "Symmetry of energy bands in TlSe type crystals." F. M. Gashimzade. Fiz. tver. tela 4 no. 8 2282-2283 Ag '62.

Splitting of energy levels in an intracrystalline field. V. S. Tumanov. Fiz. tver. tela 4 no. 8:2264-2265 Ag '62.

Transmission of normally incident light through an anisotropic plate A. P. Khapalyuk Kristallografiia 7 no. 4 581-588 Jl-Ag '62

CRYSTALLOMETRY see Crystallography, Mathematical

CRYSTALS

Effect of ultrasound on the electron spectrum of a crystal. L. V. Keldysh. Fiz. tver. tela 4 no. 8:2265-2267 Ag '62.

Fundamental tasks of physics of the strength and plasticity of crystals M. V. Klassen-Neklioudova, V. N. Rozhanskii Kristallografiia 7 no. 4 499-506 Jl-Ag '62.

Immersion and absorption method of contrast microscopy of crystal faces V. G. Fekilchev Kristallografiia 7 no. 4,627-630 Jl-Ag '62.

Luminescence lifetime in processes of triboluminescence and crystal luminescence L. M. Beliaev, V. V. Nabatov, IU. N. Martyshev. Kristallografiia 7 no. 4:576-580 Jl-Ag '62.

CRYSTALS—ELECTRIC PROPERTIES

Crystal conductivity in the case of strong electron-phonon interaction (small-radius polaron). E. L. Nagaev. Fiz. tver. tela 4 no. 8:2201-2211 Ag '62.

Ferroelectricity and antiferroelectricity in polar crystals. V. N. Liubimov, IU. N. Venevtsev, G. S. Zhdanov. Fiz. tver. tela 4 no. 8 2123-2127 Ag '62.

CRYSTALS—GROWTH

Combined method of description and representation of real crystal forms. V. A. Mokievskii, I. I. Shafranovskii. Zap. Vses. min. ob-va 91 no. 5:512-519 '62.

Growing lanthanum ethyl sulfate single crystals with gadolinium and cerium ethyl sulfate impurities and their physical properties [with summary in English]. S. A. Pleskovatskyi and others. Ukr. fiz. zhur. 7 no. 1:22-30 Ja '62.

CRYSTALS—THERMAL PROPERTIES

Determination of the characteristic temperature based on on the diffuse scattering of polycrystals. V. I. Iveronova, A. A. Katsnel'son Kristallografiia 7 no. 4:616-618 Jl-Ag '62

CRYSTALS, ELECTRON STATE see Excitons

CTENOPHORA (COELENTERATA)

Antibiotic characteristics of the tissues of the ctenophore Beroe cucumis Fabr. and the mussel Mytilus edulis L. B. V. Chentsov. Trudy MMBI no. 4:229-243 '62.

CUBA—AGRICULTURE, COOPERATIVE

In a Cuban village. Vadim Listov. Nov. vrem. 20 no. 39:26-28 S '62.

CUBA—DESCRIPTION AND TRAVEL

[Cuba—yes!] Kuba—da! Moskva, Izd-vo "Pravda," 1962. 77 p. (Biblioteka "Komsomol'skoi pravdy," no. 11)

CUBA—ECONOMIC CONDITIONS

Features of the Cuban revolution. V. Borovskii Nov. vrem. 20 no. 48:26-28 N '62.

CUBA—FOREIGN RELATIONS—RUSSIA

Consolidating the gains. Nov. vrem. 20 no. 49:2-3 D '62.

CUBA—FOREIGN RELATIONS—UNITED STATES

Consolidating the gains. Nov. vrem. 20 no. 49:2-3 D '62.

Hands off Cuba! IU. Bochkarev. Nov. vrem. 20 no. 39: 3-5 S '62.

The negotiations continue... B. Izakov. Nov. vrem. 20 no. 46 8-10 N '62.

We should preserve peace and ensure the security of nations Agitator no. 21:3-5 N '62.

CUBA—POLITICS AND GOVERNMENT

[Cuba—yes!] Kuba—da! Moskva, Izd-vo "Pravda," 1962. 77 p. (Biblioteka "Komsomol'skoi pravdy," no. 11)

Features of the Cuban revolution. V. Borovskii. Nov. vrem. 20 no. 48,26-28 N '62.

The policy of reasonable compromise. Boris Leont'ev. Nov. vrem. 20 no. 47:2-4 N '62.

CUBA—POSTAGE STAMPS

Postage stamps of revolutionary Cuba. M. IAkovenko Ukraina no. 23 32 D '62

CUBA—TECHNICAL ASSISTANCE, COMMUNIST

We are with you, dear Cuba! Ukraina no. 22-7 N '62.

CUCUMBER BREEDING

(see also subdivision under Ukraine)

Controlling heterosis in cucumber hybrids [with summaries in English, German, and French] P. A. Tkachenko, A. Z. Marchenko Vest. sel'khoz. nauki 7 no. 9 46-50 S '62

CUCUMBERS see subdivision under Ukraine

CULTURE OF TISSUES see Tissue Culture

CULTUS, SLAVIC see subdivision under Smolensk Province

CUMBERLAND DISEASE see Anthrax

CUMENE

Alkaline cleavage of isopropylbenzene hydroperoxide. Part 3 Kinetic regularities in the thermal decomposition of the ROONa ROOH complex. V. A. Belliaev, M. S. Nemtsov. Zhur. ob. khim. 32 no. 10 3113-3122 O '62.

Alkaline cleavage of isopropylbenzene hydroperoxide. Part 4. Mechanism of the reaction. V. A. Belliaev, M. S. Nemtsov. Zhur. ob. khim. 32 no. 11:3483-3493 N '62.

Alkaline oxidation of isopropylbenzene. Part 5 Effect of organic acids. V. A. Simanov, M. S. Nemtsov Zhur. ob. khim. 32 no. 10:3179-3183 O '62

CUNEIFORM INSCRIPTIONS, ELAMITE

Ansan, a new translation and restoration of the third column of the Behistûn inscription. V. G. Tiuria. Vest. drev. ist. no. 4:111-130 '62.

CUPOLA FURNACES

Calculating the overheating of cast iron and position of the melting zone in cupolas. A. V. Kalibichev, V. F. Chernobrovkin. Izv. vys. ucheb. zav., chern. met. 5 no. 10:137-140 '62.

Investigating the loss of design elements in the components of a cupola charge. P. M. Karpov, P. N. Bidulia. Lit. proizv. no. 8:24-26 Ag '62.

Research carried out by the Institute of Ferrous Metallurgy of the Academy of Sciences of the Ukrainian S. S. R. B. D. Chekhranov. Stal' 22 no. 8,858 S '62

CUPOLA FURNACES—EQUIPMENT AND SUPPLIES

Mechanizing the removal of wastes from beneath a cupola V. F. Balashov. Lit. proizv. no. 9 42 S '62

CURARE

Synthetic studies in the field of curare alkaloids. Synthesis of 1-ethyliden-12-hydroxy-1, 2, 3, 4, 5, 6, 12, 13a, 13b-decahydronaphthiridino-(1, 7)-[7, 8, 1-ima]-β carboline. Zhur. ob. khim. 32 no. 11:3828-3832 N '62.

CURARE LIKE SUBSTANCES

Curariform action and correlation between isosteria and competition in a series of resorcinol and hydroquinone 1, 1'-bis ethers on N-substituted quaternary derivatives of 3-amino-1, 2-propane diol [with summary in English] I. V. Komissarov. Farm. i toks. 24 no. 6 695-700 N-D '61.

Use of curarelike preparations for diagnostic purposes L. N. Ariaev. Vest. khir. no. 5:86-87 '62.

Use of Soviet curarelike preparations in spastic paresis during the recovery period after the insultus [with summary in French]. L. G. Stoliarova. Zhur. nevr. i psikh. 61 no. 10:1463-1468 '61.

Use of the muscle relaxant, decamethonium (procurise). G. L. Rubanovich, R. K. Pavlov. Khirurgiia no. 12 13-26 '61.

CURIUM—ISOTOPES

Measurement of the energies of the α-particles of certain isotopes of curium. R. B. Ivanov, A. S. Krivokhatskii, V. G. Nedovesov. Izv. AN SSSR. Ser. fiz. 26 no. 8:976-978 Ag '62.

CURRANTS

Nucleic acid content of flower buds of the black currant [with summary in English]. A. M. Bobrysheva, E. F. Oknina. Fiziol. rast. 9 no. 3:342-346 '62.

CURRENCY see Money

CURVES

Cycloidal formation of curves. R. P. Shilapin. Sbor. nauch.-issl. rab. TTI no. 12:251-257 '61.

CURVES ON SURFACES

Deduction of the reflection coefficient and the equation of wave guide poles for curved surfaces with the aid of boundary conditions of the impedance type. Iu. K. Kalinin. Geomag. i aer. 2 no. 3 476-480 My-Je '62.

On a class of congruences of second-order curves with a degenerating focal surface. V. S. Malakhovskii. Dokl. AN SSSR 146 no. 4:765-766 O '62.

CUTANEOUS HORNS see Horns, Cutaneous

CUTTING MACHINES
Automation of cutting machines. V.F.Shapovalov, N.G.Rubinovich. Mekh.i avtom.proizv. 16 no.10 1-4 O '62.

Machine for cutting adhesive rubber. P.Zhurakhovskii, S.Gel'fer, A.Gaetskii. Avt.transp. 40 no.10:31 O '62.

CUTWORMS
Use of radioactive phosphorus isotope for marking grain cutworms and their parasites. K.V.Kamenkova, V.A.Molchanova. Vop.ekol. 4:111 '62.

CYAMELURIC ACID
Structure of molecules and ions of aminoxy derivatives of symm.-heptazine (cyameluric acid amides). E.N. Bolisov, A.I.Finkel'shtein. Zhur.ob.khim. 32 no.10 3403-3406 O '62

CYANAMIDE—SPECTRA
Vibration spectra of cyanamide. IU.I.Mushkin, A.I. Finkel'shtein. Opt.i spektr. 13 no.2 289-291 Ag '62

CYANINE DYES
Chemistry of cyanine dyes. Part 10: Benzothiazolylthiacyanines. I.K.Ushenko, K.D.Zhikhareva. Zhur. ob.khim. 32 no.11:3656-3661 N '62.

Cyanine dyes with unsaturated substituents. Part 11: Thiacarbocyanines containing dimethyl-, diphenyl-, and carboxyvinyl radicals in their benzothiazole nuclei. I.K.Ushenko, F.Z.Rodova, V.I.Kozlystov. Zhur.ob.khim. 32 no.11:3650-3656 N '62.

CYANO COMPOUNDS
New family of organic compounds - cyanohydrocarbons. G.Remond. Usp.khim. 31 no.10 1257-1264 O '62.

CYANOCOBALAMINE
Change in the alkaline phosphatase level in the blood under the influence of vitamin B_{12} and choline in liver cirrhosis [with summary in English]. A.I.Pozdnikova. Trudy LSGMI no.69:146-152 '61.

Change in the vitamin B_{12} level in the blood in epidemic hepatitis and liver cirrhosis [with summary in English]. V.T.Loiko. Trudy LSGMI no.69:62-72 '61.

Effect of alternatively varied feeding on the physicochemical indices of the rumen contents and the synthesis of vitamin B_{12} in young cattle. P.D. Pshenychnyi, D.I.Shevchenko. Visnyk sil'hosp nauky 5 no.5:61-71 My '62

Effect of some B group vitamins (B_{12} and choline) on the cholesterol esterifying function of the liver in liver cirrhosis [with summary in English]. L.S.Sharova. Trudy LSGMI no.69:153-159 '61.

Effect of vitamin B_{12} and choline on the phospholipids in the bile and its secretion in dogs with experimental liver dystrophy [with summary in English]. Z.F. Denisenko. Trudy LSGMI no.69:139-145 '61.

Fermentation of tetracyclines and vitamin B_{12} on potato media. E.V.Neshataeva. Trudy Len.khim.-farm.inst. no.15:143-152 '62.

Formation of chlortetracycline and vitamin B_{12} by the producer, Actinomyces aureofaciens, with various sources of carbohydrate nutrition. E.V.Neshataeva, P.A.Iakimov, A.V.Baldina. Trudy Len.khim.-farm. inst. no.15:153-159 '62.

Simplified methods for obtaining semiprocessed penicillin, chlortetracycline and vitamin B_{12}. L.M. Smirnova, V.A.Filippova, P.A.Iakimov. Trudy Len. khim.-farm.inst. no.15:251-257 '62.

CYBERNETICS
Berkovich, D.M. [Machines control machines] Mashiny upravliaiut mashinami. Moskva, Izd-vo "Znanie," 1962, 45 p. (Novoe v zhizni, nauke, tekhnike. IV Seriia: Tekhnika, no.10)

Contribution of science to the world. N.Pavlenko. Znan. ta pratsia no.8:1-5 S '62.

Deciphering of a "genetic code." S.F.Kozubovs'kyi. Avtomatyka 7 no.5:50-51 '62.

Kratzmer, L.P. [Bionics] Bionika. Moskva, Gosenergoizdat, 1962. 70 p. (Massovaia radiobiblioteka, no.453)

Ore dressing technology and cybernetics. G.S.Nesterov. TSvet.met. 35 no.11:24-26 N '62.

Transportation problems to be solved by cybernetics. A.Postnov. Rech.transp. 21 no.11:12-13 N '62.

Trends in the development of cybernetics. A.G.Yvakhnenko, M.L.Shlezinger. Avtomatyka 7 no.5:78-81 '62.

With our colleagues; notes of an observer. Nauka i zhizn' 29 no.5 80-81 My '62.

CYCLOBUTENE—SPECTRA
Vibration spectra of unsaturated hydrocarbons. Part 10. Calculation and interpretation of the vibration spectra of cyclobutene and deuterocyclobutene. L.M.Sverdlov, E.P.Krainov. Opt.i spektr. 13 no.2:169-173 Ag '62.

CYCLODIALYSIS
Gonioscopic studies in iridencleisis, antiglaucoma iridectomy and cyclodialysis. E.I.Ustinova. Vest.oft. no.4:22-31 '62.

CYCLOHEXADIENE
Products with an odd number of monomeric links formed in the thermal polymerization of 1,3-cyclohexadiene. B.V.Erofeev, S.F.Naumova, L.G.TSykalo. Dokl.AN SSSR 147 no.1:106-107 N '62.

CYCLOHEXANOL
Intermediate stages of the reaction of cyclohexanol oxidation by nitric acid. I.IA.Lubianitskii, E.K. Kaminskaia. Zhur.ob.khim. 32 no.11:3495-3502 N '62.

CYCLOHEXANONE
2'-Amino-5,5-dimethylcyclohexanone-1-(2,3 4',5')-thiazole(1). I.Gaile, E.Gudriniece, G.Vanags. Dokl AN SSSR 146 no.4:817-819 O '62

CYCLOMORPHOSIS
Cyclomorphosis and feeding of planktonic Rotifera [with summary in English]. L.A.Erman. Zool.zhur. 41 no.7:998-1003 Jl '62.

CYCLONES
Variations in cosmic ray intensity during cyclones. N.P.Chirkov. Geomag.i aer. 2 no.3 570-571 My-Je '62.

CYCLOPENTADIENE
Scission of cyclopentadienyl compounds of metals by bromine and potassium hypobromite. A.N.Nesmeianov, N.S.Kochetkova, R.B.Materikova. Dokl.AN SSSR 147 no.1:113-116 N '62.

CYCLOPIDAE see subdivision under Antarctic regions

CYCLOTRON RESONANCE
Kinetic aspects of cyclotron resonance in semiconductors. G.M.Genkin. Fiz.tver.tela 4 no.8:2116-2122 Ag '62.

Theory of quantum cyclotron resonance in metals [with summary in English]. I.M.Lifshits, M.IA.Azbel', A.A.Slutskin. Zhur.eksp.i teor.fiz. 43 no.4:1464-1473 O '62

CYLINDER (MATHEMATICS)
Heat conductivity of a solid cylinder [with summary in English]. A.F.Khrustalev. Inzh.-fiz.zhur. 5 no.8 101-105 Ag '62.

CYPRAEIDAE, FOSSIL see subdivision under Latvia

CYPRUS—POLITICS AND GOVERNMENT
Cyprus does not want to join the "Common Market." Andreas Ziartides. Vsem.prof.dvizh. no.10 15-17 O '62.

CYPRUS—TRADE UNIONS
Cyprus does not want to join the "Common Market." Andreas Ziartides. Vsem.prof.dvizh. no.10 15-17 O '62.

CYSTEINE
Changes in gas exchange in rats after the intra-abdominal administration of cysteine and cysteamine [with summary in English]. A.Vacek. Med.rad. 7 no.7 57-62 Jl '62

CYSTS
Case of spontaneous perforation of a chylous cyst of the mesentery of the small intestine. V.D.Firsov. Khirurgiia no.12:118 '61.

Multiple cysts of the conjunctiva of both eyes. N.N.Nurmamedov. Trudy Turk.nauch.-issl.trakh.inst. 6 167-171 '60.

Solitary cysts of the kidneys and perirenal cellular tissue. R.P.Postnikov. Vest.khir. no.6:86-88 '62.

Stral'nikov, B.E. [Epithelial cysts of the sacrococcygeal region] Epitelial'nye kisty kresttsovo-kopchikovoi oblasti. Moskva, Medgiz, 1962. 87 p. (Biblioteka prakticheskogo vracha) (DNLM)

CYTODIAGNOSIS see Diagnosis, Cytologic

CYTOSPORA see subdivision under Soviet Central Asia

CYTOTOXIC DRUGS
Effect of chemical preparations with antiblastic action on the cardiovascular system during treatment of malignant neoplasms [with summary in English]. S.S Mindlin, M.D.Kholodnyi. Sov.med. 26 no.6:60-64 Je '62.

Effect of thiodipin on the organism of experimental animals [with summary in English]. A.I.Tareeva, A.A. Grushina. Farm.i toks. 24 no.6.732-738 N-D '61.

CZECHOSLOVAKIA—AGRICULTURAL WORKERS
New social security system for agricultural workers in Czechoslovakia. Evzen Erban. Vsem.prof.dvizh. no.10:35-37 O '62.

CZECHOSLOVAKIA—AGRICULTURE—ECONOMIC ASPECTS
Dupal, Jaroslav, and others. [Problems in determining the effectiveness of agricultural production in Czechoslovakia. Translated from the Czech] Voprosy opredeleniia effektivnosti sel'skokhoziaistvennogo proizvodstva v Chekhoslovakii. Pod red. A.I.Tulupnikova. Moskva, Gosstatizdat, 1962. 178 p.

CZECHOSLOVAKIA—AGRICULTURE, COOPERATIVE
Model statutes of the united agricultural cooperatives of Czechoslovakia. L.Sereda, M.Nudel'. Rad.pravo no.8 125-127 N-D '62

CZECHOSLOVAKIA—ATOMIC POWER PLANTS
Cooperation between Soviet and Czech atomic scientists. V.S.Emel'ianov. Vest.AN SSSR 32 no.11:110-113 N '62.

CZECHOSLOVAKIA—BIBLIOGRAPHY
[New literature on Czechoslovakia] Nov.lit.po Chekh. no.7 '62.

CZECHOSLOVAKIA—BLASTING—EQUIPMENT AND SUPPLIES
Effectiveness of preformed water stemming [from "Bergakademie," nos. 7-8, 1961] E.L.Solodkin. Gor.zhur. no.12:52 D '62

CZECHOSLOVAKIA—DESCRIPTION AND TRAVEL
Tret'iakov, S.M. [Tōng Hsi-hua. People around a bonfire. Country of crossroads] Dan Shi-khua. Liudi odnogo kostra. Strana perekrestok. Moskva, Sovetskii pisatel', 1962. 763 p.

CZECHOSLOVAKIA—DRYING APPARATUS
Dryer with glass frames. IU.V.Ivanov. Kozh.-obuv. prom. 4 no.11:39-41 N '62

CZECHOSLOVAKIA—ECONOMIC CONDITIONS
Our prospects...; an interview on the problems of Czechoslovakia with Richard Dvorak, Czechoslovak Ambassador to Moscow. Nov.vrem. 20 no.49,10-13 D '62.

Some problems concerning the dialectical development of socialist society in Czechoslovakia. Fr.Velek, P.Makhonin. Nauch.dokl.vys.shkoly, filos.nauki 5 no.5:12-20 '62.

CZECHOSLOVAKIA—INSURANCE, SOCIAL
New social security system for agricultural workers in Czechoslovakia. Evzen Erban. Vsem.prof.dvizh. no.10:35-37 O '62.

CZECHOSLOVAKIA—LANGUAGES—AUDIO-VISUAL AIDS
Working with audio-visual aids. Dusan Josef. Inostr.iaz.v shkole no.4:114-115 Jl-Ag '62.

CZECHOSLOVAKIA—RELATIONS (GENERAL) WITH THE UKRAINE
Petro Vereshchahin's correspondence with his Czechoslovak friends. IA.Pelnin. Ukraina no.22:23 N '62

CZECHOSLOVAKIA—SOCIAL CONFLICT
"The class struggle in Czechoslovakia in 1924-1929" by I.N.Mel'nikova. Reviewed by A.P.Kizchenko. Ukr. ist.zhur. 6 no.5 132-133 S-O '62

CZECHOSLOVAKIA—TECHNICAL ASSISTANCE, RUSSIAN
Cooperation between Soviet and Czech atomic scientists. V.S.Emel'ianov. Vest.AN SSSR 32 no.11:110-113 N '62.

CZECHOSLOVAKIA—TRICHOMONIASIS
Some results of studying trichomoniasis in males in Czechoslovakia [with summary in English]. J.Jira. Akush.i gin. no.1.70-74 '62.

CZECHOSLOVAKIA—WORLD WAR, 1939-1945
"The national liberation movement in Czechoslovakia, 1938-1945" by A.I.Nedorezov. Reviewed by V.I.Klokov, I.A.Peters. Ukr.ist.zhur. 6 no.4:140-142 Jl-Ag '62.

DDT (INSECTICIDE)
Chlorine organic insecticides (to be continued). E.F. Granin. Zashch.rast.ot vred.i bol. 7 no.3 44-45 Mr '62.

Sugar beet pests in the Altai. IU.P.Aleksandrov. Zashch.rast.ot vred.i bol. 7 no.3,26-27 Mr '62.

DAGGERS see subdivision under Kurak Province

DAGHESTAN—HISTORICAL RESEARCH
New problems facing the historians of Daghestan. G.Sh. Kaimarazov, A.S.Omarov. Ist.SSR 6 no.6:212-215 N-D '62

DAGHESTAN—THEATER
Govorov, Sergei. [The Avaric theater] Avarskii teatr. Makhachkala, Dagestanskoe knizhnoe izd-vo, 1960. 41 p. illus.

DAGHESTAN FOLK LITERATURE see Folk literature, Daghestan

DAHLIAS see subdivision under Frunze

DAIRY BARNS
(see also subdivision under France; Smolevichi District)
Economical experimental farm on the "Golovkovo" State Farm. N.Rachkov, A.Shprengel'. Sel'.stroi. no.10:3-5 O '62.

"Hygiene of dairy barns as a means of increasing milk yields and quality" by N.M.Komarov. Reviewed by K.P.Semenov. Zhivotnovodstvo 23 no.2:89-90 F '61.

Setting of cows in milking parlors. V.G.Vol'ter. Zhivotnovodstvo 23 no.2:85-86 F '61.

DAIRY CATTLE—DISEASES AND PESTS see subdivision under Ukraine

DAIRY CATTLE—FEEDING AND FEEDS

Effect of alternatively varied feeding on the physicochemical indices of the rumen contents and the synthesis of vitamin B_{12} in young cattle P.D.Pshenychnyi, D.I.Shevchenko. Visnyk sil'hosp nauky 5 no.5:64-71 My '62

DAIRY CATTLE BREEDING
(see also subdivision under Moscow Province; Stavropol Territory)

Composition of butterfat in Black and White and Jersey cows and their crosses [with summaries in English, German, and French] V.P.Aristova, S.E.Vlasova. Vest.sel'khoz.nauki 7 no.9:69-75 S '62

Effect on inbreeding on the fertility, live weight, and milk productivity of cows. A.I.Prudov. Uch.zap. Mord.gos.un. no.13:114-123 '60.

On what depends the duration of the period from calving to a new conception. S.M.Rombe. Zhivotnovodstvo 23 no.2:47-49 F '61.

DAIRY CATTLE BREEDING—CONGRESSES

First session of the Council for Work with Kholmogory Cattle. A.S.Emel'ianov. Zhivotnovodstvo 23 no.2:75 F '61.

DAIRY INDUSTRY—ACCOUNTING see subdivision under Vorkhniy Uslon District

DAIRY INDUSTRY—EQUIPMENT AND SUPPLIES

Lipatov, N.N. [Manual on laboratory and practical work in a course of studies on the equipment of enterprises of the dairy industry] Rukovodstvo k laboratornym i prakticheskim zaniatiiam po kursu oborudovaniia predpriiatii molochnoi promyshlennosti. Moskva, Pishchepromizdat, 1962. 224 p.

Moscow. Tsentral'nyi institut nauchno-tekhnicheskoi informatsii mashinostroeniia. [Catalog; technical equipment of dairy industry enterprises] Katalog; tekhnologicheskoe oborudovanie predpriiatii molochnoi promyshlennosti. Moskva, 1962. 123 p.

DAIRY INDUSTRY—PRICES see subdivision under United States

DAIRYING
(see also subdivision under Kharkov Province; Shuya District)

Wages based on milk yield taking in consideration the fat content of milk. L.V.Medvedev. Zhivotnovodstvo 23 no.2:40 F '61.

DAL', VLADIMIR IVANOVICH, 1801-1872

Vladimir Ivanovich Dal'; on the 160th anniversary of his birth. IA.I.Kots. Vest.khir. no.6:128-131 '62.

DAMPNESS IN BUILDINGS

Theory of mass transfer. O.E.Vlasov. Izv ASIA no.3:96-101 '62.

DAMS see subdivision under Kuygan-Yar

DANISH LANGUAGE—GRAMMAR

Vasil'eva, L.G. [The Danish language; a concise study of its phonetics and morphology] Datskii iazyk; fonetika i morfologiia. Kratkii ocherk. [Moskva] Izd-vo Mosk. univ., 1962. 104 p.

DANNEMORITE see subdivision under Carpathian Mountains

DANUBE RIVER—DELTA

Flow distribution in the bayous of the Danube Delta. V.I. Mikhailov. Trudy GOIN no.66:5-25 '62.

DANUBE RIVER—REED (BOTANY)

Chemical composition of Dniester and Danube reeds. M.S.Dudkin and others. Ukr.khim.zhur. 28 no.8:986-989 '62.

DANUBE RIVER—VIMBA

Comparative morphologic characteristics of vimba of the Dnieper and Danube rivers. N.P.Tarnavskii. Vop. ikht. 2 no.2:220-223 '62.

DARKLING BEETLES—EXTERMINATION see subdivision under Samarkand Province

DARWIN, CHARLES ROBERT, 1809-1882

The dispute on the nature of human consciousness between Darwin and Wallace. G.Gurev. Nauka i rel. 4 no.10:24-27 O '62.

DARWINISM see Evolution

DARZENS REACTION

Darzens reaction with ethyl ester of chloromethylphosphinic acid. V.F.Martynov, V.E.Timofeev. Zhur. ob.khim. 32 no.10:3449 O '62.

DEAD—IDENTIFICATION

Rare case of the forensic medical identification of a corpse. IU.M.Kubitskii. Sud.-med.ekspert. 5 no.4:56-58 O-D '62.

DEAD SEA SCROLLS

Qumran commentary on Nahum (4 Qp Nahum). I.D. Amusin. Vest.drev.ist. no.4:101-110 '62.

DEATH—CAUSES

Rare case of self-strangulation by a noose L.G. Bogunlavskii. Sud.-med.ekspert 5 no.4:50-51 O-D '62.

Strangulation by a noose as an accident. N.M.Mikhno. Sud.-med.ekspert 5 no.4:49-50 O-D '62.

DEATH, APPARENT

Pathogenesis of the eosinopenic reaction in terminal states; report no.1 [with summary in English]. M.G. Kolpakov, V.I.Fedenkov, O.V.Shushpannikova. Probl. endok.i gorm. 8 no.4:19-23 Jl-Ag '62.

DEATH, APPARENT—CONGRESSES

Second All-Union Conference on the Pathology and Treatment of Terminal States. L.G Shikunova. Sov.med. 26 no.10:150-152 O '62.

DECOMPRESSION SICKNESS

Shchupakov, N.N. [Prevention and treatment of caisson disease] Profilaktika i lechenie kessonnoi bolezni. Moskva, Medgiz, 1962. 185 p. (Biblioteka sanitarnogo vracha)
(DNLM)

DECONTAMINATION (FROM GASES, CHEMICALS, ETC.)

Decontamination of the population. V.Kovalenko. Voen. znan. 38 no.11:34-36 N '62.

DECORATION AND ORNAMENT, ARCHITECTURAL see subdivision under Georgia; Vladimir

DEEP-SEA DEPOSITS
(see also subdivision under Kuban)

First All-Union Conference on Deep-Sea Deposits. V.M. Popov, V.V.Shabalin, K.E Kaimurzaev. Izv.AN Kir. SSR. Ser.est.i tokh.nauk 4 no.3:141-143 '62.

Use of radiocarbon dating for studying the processes of recent sedimentation. I.E.Starik, A.P.Zharkov. Biul. Kom.po opr.abs.vozr.geol.form. no.5:35-42 '62.

DEEP-SEA TEMPERATURE—MEASUREMENT

Frequency-impulse telemeter for measuring the temperature of sea water. V.G.Volkov. Okeanologiia 2 no.5: 907-911 '62.

DEER see subdivision under Azerbaijan

DEFICIENCY DISEASES

"Diseases of the joints. Rheumatism. Avitaminosis" by B.P.Kushelevskii, M.A.IAsinovskii and S.M.Ryss. Reviewed by N.E.Kavetskii. Vrach.delo no.8:153-154 Ag '62.

DEFOLIATION

Pave the way for new defoliants and desiccants Nar. khoz.Uzb. 1 no.10:93 O '62.

DEFORMATIONS (MECHANICS)

Applying the Ritz method to the theory of the press working of metals. A.A.Pozdeev, V.I.Tarnovskii. Izv.vys.ucheb.zav.; chern.met. 5 no.10:67-76 '62.

Determination of the maximum principal deformation in the pressing of round rods IU.P Glebov. Izv.vys. ucheb.zav.,tsvet.met. 5 no.3:135-146 '62

Determination of the stresses of plastic extension at high temperatures and high rates of deformation. O.I. Kachainik, S.I.Berman. Zav.lab. 28 no.8:971-976 '62.

Determining radial deformation in tractor tires V.R. Markov. Trudy Stavr.sel'khoz.inst. no.8 181-186 '60.

Investigating deformation textures of rolled niobium. D.I.Lainer and others TSvet.met. 35 no.11:80-85 N '62.

Luminescence lifetime in processes of triboluminescence and crystal luminescence. L.M.Boltaev, V.V Nabatov, IU.N Martyshev. Kristallografiia 7 no.4:576-580 Jl-Ag '62.

Use of torquemeters and built-in spot dynamometers for the testing of rolls. A.A.Presnikov. Trudy Inst. met.i obog.AN Kazakh.SSR 5:186-190 '62.

DEFORMATIONS (MECHANICS)—MEASUREMENTS

New method for measuring vertical displacements in the contact area of conjugate bodies. N.A.Korolev. Izv. vys.ucheb.zav.; mashinostr. no.6:133-136 '62.

DEFORMITIES

Bilateral facial coloboma in a child with multiple abnormalities. L.A.Vorokhobov, E.A.Galdashev. Vop. okh.mat.i det. 7 no.7:80 Jl '62.

Embryopathy connected with rubeola. Kh.S.Martinson. Vop.okh.mat.i det. 7 no.4:87-89 Ap '62.

DEGRADATION

Hofmann degradation of 1-azabicyclo (3,2,1) octanes. Part 5: Hofmann degradation of 6-methyl-1-azabicyclo (3,2,1) octane. A.D.IAnina, M.V.Rubtsov. Zhur.ob. khim. 32 no.10:3151-3158 O '62.

Hofmann degradation of 1-azabicyclo(3,2,1)octanes. Part 6: Hofmann degradation of a quaternary ammonium base of 8-methyl-1-azabicyclo(3,2,1)octane. A.D. IAnina, M.V.Rubtsov. Zhur.ob.khim. 32 no.11: 3693-3698 N '62.

DEGTYARKA REGION—BLASTING—EQUIPMENT AND SUPPLIES

Results of testing water stemming in a copper mine F.N Ryzhkov, A.L.Markov, L.I IAkshina Gor.zhur. no.12 49-51 D '62

DEHYDROASCORBIC ACID

Capacity of some tissues of the animal body to regenerate dehydroascorbic acid in chronic carbon monoxide poisoning. V.M.Nizhegorodov. Zdrav.Bel. 8 no.11: 64-66 Jl '62.

DEHYDROGENATION

Catalytic dehydrogenation of dihydrofuranes. Synthesis of 2,4-dialkyl furans. N.I.Shuikin, I.F.Bol'shakova, K.A Karakhanov. Dokl.AN SSSR 147 no.1:118-122 N '62.

DELAY LINES

Calculation of the energy of a radiation field of uniformly moving charged particles in delay systems. M.L. Burshtein, G.V.Voskresenskii. Radiotekh.i elektron. 7 no.12:2033-2036 D '62.

A spiral line with time delay regulation. V.T.Anfertkov, V.S.Brykov. Izv.vys.ucheb.zav., radiotekh. 5 no.5:654-656 S-O '62

DELIRIUM

Acute delirium syndrome in periodic catatonia and in infections [with summary in French]. A.N. Mokshkov. Zhur.nevr.i psikh. 62 no.6:868-873 '62

DELIVERY OF GOODS (LAW)

"Economic contracts in the U.S.S.R." by V.N.Moskalenko. Reviewed by N.I.Krasnov, G.I Khaidak. Sov. gos.i pravo 32 no.11.143-145 N '62.

From the practice of arbitration agencies. Sots.zak. no.6:135-137 N-D '62.

Legal relations concerning payments for the delivery of goods. L.S.Gurevich. Izv.vys.ucheb.zav.; prav. 6 no.3 36-47 '62.

DELUSIONS see Hallucinations and illusions

DEMENTIA PRAECOX see Schizophrenia

DEMOGRAPHY

Group work on the problem "Population during the period of transition to communism." D.Valentei. Nauch. dokl.vys.shkoly; ekon.nauki 5 no.6:123-125 '62.

DENMARK—POLITICS AND GOVERNMENT

Danish people rise against the European Economic Community. Mogens Hover. Vsem.prof.dvizh. no.10:12-15 O '62.

DENMARK—TRADE UNIONS

Danish people rise against the European Economic Community. Mogens Hover. Vsem.prof.dvizh. no.10:12-15 O '62.

DENSITOMETERS

Ultrasonic densitometer. A.A.Isaev, A.S.Kitaigorodskii. Akust.zhur. 8 no.3:308-313 '62.

DENTAL CARE see subdivision under White Russia

DEPARTMENT STORES see subdivision under Moscow

DERMATOLOGY see subdivision under Kazakhstan

DERMATOLOGY—CONGRESSES

First All-Russian Congress of Dermatovenerologists in Moscow (December 11-15, 1961). B.M.Pashkov. Sov.med. 26 no.6:148-151 Je '62.

DERMATOMYCOSIS

New trends in the treatment of fungal diseases of the skin. A.M.Arievich and others. Sov.med 26 no.6 52-56 Je '62.

DERMATOSCLEROSIS see Scleroderma

DESCRIPTIVE GEOMETRY see Geometry, Descriptive

DESERT ECOLOGY

Role of burrows and the burrowing activity of animals in the evolution, migration and present life of animals and plants of the arid areas of Palaearctic regions. V.V.Kucheruk. Vop.ekol. 4:46-48 '62.

DESERTS see subdivision under Soviet Central Asia

DESIGN, INDUSTRIAL—BIBLIOGRAPHY see Bibliography—Design, Industrial

DESOXYCORTICOSTERONE see Corticosterone

DESOXYRIBONUCLEASES

Desoxyribonuclease activity of some snake venoms [with summary in English]. I.I.Nikol'skaia, E.I.Shustova. Vop.med.khim. 8 no.1:73-77 Ja-F '62.

DETONATORS—SAFETY MEASURES

Detection and removal of electric detonators and fire cartridges. V.O.Vertiachikh, V.IA.Domidov, P.P. Pak. Bezop.truda v prom. 6 no.6:18-19 Je '62

DEUTERIUM

Deuterium exchange in nonaqueous solutions. A.I. Shatenshtein. Probl.fiz.khim. no.1:202-211 '58.

DEUTERIUM COMPOUNDS

Kinetic isotopic effect of deuterium in the Etard reaction. I. P. Gragerov, M. P. Ponomarchuk. Zhur. ob. khim. 32 no. 11:3565-3575 N '62.

DEUTERIUM COMPOUNDS—SPECTRA

Vibration spectra of unsaturated hydrocarbons. Part 10. Calculation and interpretation of the vibration spectra of cyclobutene and deuterocyclobutene. L. M. Sverdlov, E. P. Krainov. Opt. i spektr. 13 no. 2:169-173 Ag '62.

DEUTERONS—SCATTERING

Elastic scattering of α-particles on silver and deuterons on gold. S. V. Starodubtsev, B. I. Khrushchev. Izv. AN Uz. SSR Ser. fiz.-mat. nauk 6 no. 5:85-88 '62.

Inelastic scattering of deuterons on the nuclei of silicon, titanium and iron [with summary in English]. Iu. V. Gofman, O. F. Nemets. Zhur. eksp. i teor. fiz. 42 no. 4:1013-1016 Ap '62.

DEVOTIONAL CALENDARS—ORTHODOX EASTERN CHURCH

[Orthodox Church Calendar for 1962] Pravoslavnyi tserkovnyi kalendar' na 1962 god. [Moskva] Izd. Mosk. Patriarkhii [n. d.] 79 p.

DIABASE see subdivision under Bashkiria

DIABETES

Activity of blood lipase in children with diabetes mellitus [with summary in English]. A. L. Skiba. Probl. endok. i gorm. 8 no. 4:66-69 Jl-Ag '62.

Diabetes insipidus. N. N. Cheprakov. Probl. endok. i gorm. 8 no. 4:115-116 Jl-Ag '62.

Ketone bodies in the blood and alkaline reserve in diabetes mellitus in children. N. P. Valedinskaia. Vop. okh., mat. i det. 7 no. 4:53-57 Ap '62.

Lipoproteins in the blood in experimental dithizone diabetes. R. S. Gol'dberg. Zdrav. Kazakh. 22 no. 6:36-41 '62.

Test for the hypoglycemic activity of rastinon in diabetes mellitus [with summary in English]. Probl. endok. i gorm. 8 no. 4:69-72 Jl-Ag '62.

D'IACHENKO, VASILII PETROVICH, 1902-

On V. P. D'iachenko's 60th birthday. Vop. ekon. no. 10:157-158 O '62.

DIAGNOSIS

Use of curariform preparations for diagnostic purposes. L. N. Arisev. Vest. khir. no. 5:86-87 '62.

DIAGNOSIS, CYTOLOGIC

Method of rhinocytoscopy for the differential diagnosis of influenza and adenovirus diseases [with summary in English]. T. I. Buzhievskaia. Vop. virus. 7 no. 5:572-576 S-O '62.

DIAGNOSIS, DIFFERENTIAL

Differential diagnosis of encysted effusions of the pleural cavity [with summary in English]. I. E. Gur'ian. Sov. med. 26 no. 7:118-122 Jl '62.

Importance of luminescence microscopy of the blood and the determination of enzyme activity (aldolase, transaminase and alkaline phosphatase) in the differential diagnosis of jaundices of various etiology [with summary in English]. E. A. Mikhailova. Trudy LSGMI no. 50:89-97 '61.

DIAGNOSIS, RADIOSCOPIC

Vainshtein, E. S. [X-ray diagnosis of foreign bodies in the eye] Rentgenodiagnostika inorodnykh tel glaza. Moskva, Medgiz, 1962. 123 p. (Biblioteka prakticheskogo vracha)
(DNLM)

DIALECTICAL MATERIALISM

(see also subdivision under France)

Adamov, O. [Some present day reformistic and revisionist theories of the transition from capitalism to socialism] O nekotorykh sovremennykh reformistskikh i revizionistskikh teoriiakh perekhoda ot kapitalizma k sotsializmu. Kishinev, Kartia moldovenieske, 1961. 90 p.
(MH)

Correlation of the categories of quality and quantity. F. I. Georgiev. Nauch. dokl. vys. shkoly; filos. nauki 5 no. 5:142-150 '62.

Interpretation of the philosophical categories of "evolution" and "revolution." N. Sh. Iskhakov. Nauch. dokl. vys. shkoly; filos. nauki 5 no. 5:136-141 '62.

Marxism-Leninism is our ideological weapon. I. Golovakha, A. Petrusenko. Komm. Ukr. 38 no. 10:84-85 O '62.

My reply to my opponents. P. V. Kopnin. Nauch. dokl. vys. shkoly; filos. nauki 5 no. 5:131-135 '62.

Paramonov, N. Z. [Law of the negation of negation] Zakon otritsaniia otritsaniia. Moskva, Izd-vo "Znanie," 1962. 48 p. (Novoe v zhizni, nauke, tekhnike. II Seriia: Filosofiia, no. 19)

DIALECTICAL MATERIALISM—STUDY AND TEACHING

Some problems in the teaching of dialectical materialism in the Faculty of Physics and Mathematics. M. N. Morozov. Nauch. dokl. vys. shkoly; filos. nauki 5 no. 5:171-174 '62.

DIAMONDS see subdivision under Yakutia

DIAMOX

Mechanism of the hypotensive action of diamox. R. I. TSaritsyna. Vest. oft. no. 4:34-40 '62.

DIAPAUSE

Role of the day-length in the control of the generation number and diapause of the codling moth Laspeyresia pomonella L. G. G. Shel'deshova. Dokl. AN SSSR 147 no. 2:480-483 N '62.

DIAPHRAGM—HERNIA

Operation in diaphragmatic hernia and foreign body of the lung. D. G. Veller. Vest. khir. 87 no. 11:113-114 N '61.

DIAPHRAGMS (MECHANICAL DEVICES)

Effect of friction in the diaphragm clamping on the accuracy of the readings of manometric instruments [with summary in English]. K. Suvorov, I. Sheratobitov. Izv. AN Lat. SSR no. 1:49-52 '62.

Flexures of diaphragm-type measuring elements. S. N. Drantsyn. Izm. tekh. no. 9:24-26 S '62.

DIATOMS

(see also subdivision under Lena Valley, Yakutia)

Chemistry of some planktonic sea diatoms. G. K. Barashkov. Trudy MMBI no. 4:27-40 '62.

DIAZOTIZATION

Diazo compounds. Part 16. Particular features in the diazotization of diamines by nitrite in carboxylic acids. B. I. Belov, V. V. Kozlov. Zhur. ob. khim. 32 no. 10:3362-3366 O '62.

DICHLORO-DIPHENYL-TRICHLOROETHANE see DDT (Insecticide)

DICHROMATES

Electrochemical oxidation of trivalent chromium in industrial dichromate liquors. A. I. Levin, N. A. Karnaev. Khim. prom. no. 9:642-644 S '62.

DICKENS, CHARLES, 1812-1870

On new publications of Dickens. M. Narasova. Vop. lit. 6 no. 8:217-222 Ag '62.

DICOTYLEDONS

Akademiia nauk SSSR. Botanicheskii institut. [Flora of the U. S. S. R.] Flora SSSR. Moskva, Izd-vo Akad. nauk SSSR, 1962. 757 p. (Flora SSSR, vol. 27)

DICUMAROL

Dynamics of some coagulation indices during the process of dicumarin treatment [with summary in French]. N. A. Plaareva. Zhur. nevr. i psikh. 61 no. 10:1489-1492 '61.

DIE CASTING

Conference on problems of die casting. N. D. Orlov. Lit. proizv. no. 9:44-45 S '62.

Factors having an effect on the quality of brass castings made under pressure. B. S. Glazman. Lit. proizv. no. 8:33-34 Ag '62.

Seminar on problems of pressure packing of foundry molds. A. A. Volkomich. Lit. proizv. no. 8:40-41 Ag '62.

DIECKMANN CONDENSATION

Dieckmann condensation. Part 10: Synthesis of 2- and 4-carbomethoxy-3-ketohydrothiophenes and 4-carbomethoxy-3-ketotetrahydrofuran. V. E. Kolchin, N. S. Vul'fson. Zhur. ob. khim. 32 no. 11:3731-3734 N '62.

DIELDRIN

Field tests of dieldrin against the Colorado beetle. G. A. Chigarev and others. Zashch. rast. ot vred. i bol. 7 no. 9:53-54 My '62.

DIELECTRICS

Elasticity and internal friction anomalies in $PbMg_{1/2}W_{1/2}O_3$ near the antiferroelectric Curie point. L. A. Shuvalov, K. A. Minaeva. Dokl. AN SSSR 146 no. 4:808-809 O '62.

DIELECTRICS, EFFECT OF RADIATION ON

Aging of $BaTiO_3$ ceramics stimulated by gamma-radiation. E. V. Peshikov, S. V. Starodubtsev. Izv. AN Uz. SSR. Ser. fiz.-mat. nauk 6 no. 5:37-39 '62.

DIENCEPHALON—DISEASES

Clinical aspects and pathogenesis of diencephalitis of influenzal etiology. A. F. Makarchenko and others. Zhur. nevr. i psikh. 62 no. 6:825-832 '62.

DIESEL-ELECTRIC LOCOMOTIVES see Diesel locomotives

DIESEL ELECTRIC POWER PLANTS

The DGA50-9 and DGA25-9 automatic marine diesel generators. G. A. Vakulenko. Biul. tekh.-ekon. inform. Gos. nauch.-issl. inst. nauch. i tekh. inform. no. 11:86-87 '62.

DIESEL ENGINES

Effect of the blowout of a combustion chamber on the temperature of the components of the D70 engine. G. I. Krushedol'skii, V. A. Zvonov. Izv. vys. ucheb. zav.; energ. 5 no. 10:80-85 O '62.

Epshtein, A. S. [Variable operating conditions of turbocharged diesel engines] Peremennye rezhimy dvigatelei s gazoturbinnym nadduvom. Moskva, Mashgiz, 1962. 206 p.
[MICROFILM]

DIESEL ENGINES—FUEL SYSTEMS

Fuel system equipment for diesel engines with fuel injection. R. V. Rusinov. Energomashinostroenie 8 no. 10:22-25 O '62.

DIESEL ENGINES—MAINTENANCE AND REPAIR

Checking the lubrication system of an engine. P. Voronov. Sel'. mekh. no. 4:40-42 '62.

DIESEL FUELS

Emel'ianov, L. A. [Filtration of diesel fuel] Filtratsiia dizel'nogo topliva. Moskva, Mashgiz, 1962. 105 p.

Hydrofining of a diesel oil raffinate. R. Sh. Kuliev, B. A. Sadykhova. Khim. i tekh. topl. i masel 7 no. 5:32-34 My '62.

Proper choice of the mode of operation of a train is of utmost importance. A. I. Chernousov. Elek. i tepl. tiaga 6 no. 10:14-15 O '62.

A school of progressive experience in the economy of diesel fuel. L. G. Murzin. Elek. i tepl. tiaga 6 no. 10:11 O '62.

DIESEL LOCOMOTIVES

Liudinovskii teplovozostroitel'nyi zavod. [The TGM3 diesel locomotive; operation and maintenance manual] Teplovoz TGM3, rukovodstvo po ekspluatatsii i obsluzhivaniiu. Moskva, Transzheldorizdat, 1962. 206 p.

Our readers discuss the book "Switching diesel locomotives." L. K. Kuz'min, V. P. Gusev. Elek. i tepl. tiaga 6 no. 10:10, p. 3 of cover O '62.

Replies to the inquiries of our readers. I. F. Pushkarev and others. Elek. i tepl. tiaga 6 no. 10:35-36 O '62.

DIESEL LOCOMOTIVES—COLD WEATHER OPERATION

Practical recommendations on the winter maintenance of the TE3 diesel locomotive. L. R. Rudenko. Elek. i tepl. tiaga 6 no. 10:10-11 O '62.

DIESEL LOCOMOTIVES—ELECTRIC EQUIPMENT

Vibration-type power regulator of the TE3 diesel locomotive. G. P. Galochkin, A. I. Nikushin. Elek. i tepl. tiaga 6 no. 10:32-34 O '62.

DIESEL LOCOMOTIVES—REPAIRING

Use of the GEN-150 elasticity meter in the repair of friction clutches. B. Faiazov. Elek. i tepl. tiaga 6 no. 10:23 O '62.

DIESEL LOCOMOTIVES—TESTING

Rheostatic tests of a diesel locomotive without heating of the windings of the main generator. N. V. Prokhorov. Elek. i tepl. tiaga 6 no. 10:13 O '62.

DIESEL LOCOMOTIVES—WELDING

Heat treatment of welded blocks in diesel locomotives. L. D. Veretnik, A. E. Asnis. Avtom. svar. 15 no. 10:57-62 O '62.

DIET IN DISEASE

Treatment of obesity with mepholin and diet. K. M. Prostiakov. Sov. med. 26 no. 10:133-138 O '62.

DIFACIL

Effect of prophylactic stimulation of thrombocytopoiesis on the development of a hemorrhagic syndrome during the action of ionizing radiation [with summary in English]. N. V. Traskunova. Med. rad. 7 no. 7:45-50 Jl '62.

DIFFERENCE EQUATIONS

Asymptotic behavior of the distributions of maximum deviations in a Poisson process [with summary in English]. V. S. Koroliuk, D. V. Husak. Ukr. mat. zhur. 14 no. 2:138-144 '62.

Asymptotic behavior of the numerical solution to the Cauchy problem for a first-order quasi-linear equation. U Khua-mo [Wu Hua-mo]. Zhur. vych. mat. i mat. fiz. 2 no. 6:1114-1117 N-D '62.

Behavior of Green's function of a many-point linear boundary value problem for difference equations. A. L. Teptin. Dokl. AN SSSR 147 no. 1:36-40 N '62.

Convergence of the fractional step method for the heat conduction equation. A. A. Samarskii. Zhur. vych. mat. i mat. fiz. 2 no. 6:1117-1121 N-D '62.

Fractional step method for solving the Cauchy problem for an n-dimensional oscillation equation. A. N. Konovalov. Dokl. AN SSSR 147 no. 1:25-27 N '62.

Solution of boundary value problems for Poisson's equation in a rectangle. E. A. Volkov. Dokl. AN SSSR 147 no. 1:13-16 N '62.

Stability of linear difference equations. I. V. Konoval'tsev. Zhur. vych. mat. i mat. fiz. 2 no. 6:993-996 N-D '62.

Use of the orthogonal drift method in solving systems of difference equations. S. K. Godunov. Zhur. vych. mat. i mat. fiz. 2 no. 6:972-982 N-D '62.

DIFFERENTIAL DIAGNOSIS see Diagnosis, Differential

DIFFERENTIAL EQUATIONS

Approximate solution of the basic differential equation in the theory of cylindrical shells. I. M. Pirogov. Izv. vys. ucheb. zav.; mashinostr. no. 6:137-145 '62.

Boundary value problem for the equation $\frac{\partial}{\partial t}-P\left(\frac{\partial}{\partial x}, \frac{\partial}{\partial y}\right)u=0$, where $P\left(\frac{\partial}{\partial x}, \frac{\partial}{\partial y}\right)$ is an elliptic operator. G. L. Eskin Sib. mat. zhur. 3 no 6 882-911 N-D '62.

Boundary value problems for quasi-linear elliptic equations and systems with divergent dominant part. N.N. Ural'tseva. Dokl. AN SSSR 147 no.2 313-316 N '62.

Boundary value problems for two second-order elliptic differential equations degenerating at the boundary of the region. L S. Purasiuk. Ukr. mat zhur. 14 no 2 215-217 '62.

Character of certain types of complex equilibrium states in n-dimensional space. R. M Mints. Dokl AN SSSR 147 no 1 31-33 N '62.

Construction of discontinuous solutions to systems of quasi-linear equations. Part 1 V L Rozhdestvenskii Zhur. vych. mat. i mat. fiz 2 no 6 1019-1043 N-D '62.

Deduction of the reflection coefficient and the equation of wave guide poles for curved surfaces with the aid of boundary conditions of the impedance type. IU K. Kalinin Geomag i aer 2 no. 3 476-480 My-Je '62.

Derivation of nonstationary solutions to certain oscillatory systems E. F Faizkhaev. Izv. AN Uz. SSR. Ser. fiz. -mat. nauk 6 no. 5 25-29 '62.

"Differential equations" by C. W. Leininger [in English]. Reviewed by L. El'sgol'ts. Zhur. vych. mat i mat fiz 2 no. 6:1145-1146 N-D '62.

Evaluation of a polyharmonic function and its derivatives in a circle near the boundary of its domain A S. Fokht Dokl AN SSSR 147 no 1:41-44 N '62

Existence and properties of the integral manifold of a system of differential equations with a delayed argument. V. I. Fodchuk. Ukr. mat zhur. 14 no. 2 227-231 '62.

First boundary value problem for quasi-linear parabolic second-order equations of the general type. O. A. Ladyzhenskaia. N N Ural'tseva. Dokl AN SSSR 147 no. 1:28-30 N '62

The first diffusion equation. R. L. Fogel'son. Fiz.tver. tela 4 no. 8:2269-2270 Ag '62.

Gavrilov, N I. [Methods in the theory of ordinary differential equations] Metody teorii obyknovennykh differentsial'nykh uravnenii. Moskva, Gos. izd-vo "Vysshaia shkola," 1962. 312 p.

General quasi-linear equations of second order and some classes of systems of elliptic equations. N.N. Ural'tseva. Dokl. AN SSSR 146 no.4:778-781 O '62.

Inadmissible viscosity matrices for equations of isothermal gas motion. E. B. Bykhovskii. Dokl. AN SSSR 146 no.4 751-753 O '62.

Integration of a differential equation which is satisfied by the functions $P^{m,n}(x)$ and $Q^{m,n}(x)$. I. M Karasev Sib. mat. zhur. 3 no. 5:838-844 N-D '62

Local properties of the solutions to a homogeneous elliptic equation. A. Kaziev. Izv. AN Uz. SSR Ser. fiz. -mat. nauk 6 no. 5:14-19 '62.

A method for solving the global problem of finding the roots of finite equations using an electronic model. [with summary in English] M V Rybashov. Avtom i telem 23 no 10 1396-1398 O '62

Parametric effect of a random force on a nonlinear oscillatory system. V. H. Kolomyets. Ukr. mat. zhur 14 no. 2:211-214 '62.

Particular case of the solution to the coagulation equation V. S Safronov Dokl. AN SSSR 147 no. 1:64-67 N '62

Performance of analytic operations by an electronic computer in solving certain types of differential equations. T. N. Pervozvanskaia. Trudy Mat. inst. 66:37-44 '62

Possibility of a new method for studying the statistical behavior of linear systems [with summary in English]. M I Podgoretskii Zhur. eksp i teor fiz. 43 no 4: 1349-1357 O '62

Quasi-linear equations for a quantum plasma. A. A. Vedenov. Dokl. AN SSSR 147 no. 2:334-337 N '62.

Second-order differential equations in Banach space. P. E. Sobolevskii. Dokl. AN SSSR 146 no. 4:774-777 O '62.

A set of field equations for a nonideal Fermi-Dirac system taking explicitly account of two-particle bound states V. V. Tolmachev. Dokl. AN SSSR 147 no. 1: 84-87 N '62

Small parameter method ("vanishing viscosity") for the solution of a system of gas dynamics equations. E. B. Bykhovskii. Zhur. vych. mat. i mat. fiz. 2 no. 6:1128-1131 N-D '62.

Some remarks on differential equations disturbed by periodic stochastic processes [with summary in English]. A. IA. Dorohovtsev. Ukr. mat. zhur. 14 no. 2: 119-128 '62.

Use of an electronic model in a certain method for finding the roots of finite equations. M. V. Rybashov. Izv. AN SSSR. Otd. tekh. nauk. Energ. i avtom. no. 5: 151-156 S-O '62.

DIFFERENTIAL EQUATIONS—NUMERICAL SOLUTIONS

Use of high-precision difference systems for the numerical solution of hyperbolic equations R. P. Fedorenko. Zhur. vych. mat. i mat. fiz. 2 no. 6:1122-1128 N-D '62.

DIFFERENTIAL EQUATIONS, LINEAR

Asymptotic solution to a certain linear operator differential equation. Y. Y. Kovtun. Ukr. mat. zhur 14 no. 2 205-211 '62.

Solutions to linear elliptic systems of differential equations with multidimensional sets of singularities. S P. Havelia. Ukr. mat. zhur. 14 no. 2:191-197 '62.

DIFFERENTIAL EQUATIONS, PARTIAL

Use of the averaging method in solving partial differential equations. Z. F. Sirchenko. Ukr. mat. zhur. 14 no. 2:222-227 '62.

DIFFERENTIAL GEOMETRY see Geometry, Differential

DIFFRACTION GRATINGS

Some results of the measurement of negatives obtained with a lens grating [with summary in English]. A. B. Onegina Izv. Glav. astron. obser. AN URSR 4 no 2: 24-31 '62.

DIFFUSION

Aksel'rud, G. A. [Theory of the diffusion extraction of substances from porous bodies] Teoriia diffuzionnogo izvlecheniia veshchestv iz poristykh tel. L'vov, L'vovskii politekhn. in-t, 1959. 233 p.

Diffusion of resonance radiation in stellar atmospheres and nebulae. I. Semi-infinite medium [with summary in English]. V. V. Ivanov. Astron. zhur. 39 no. 6: 1020-1032 N-D '62.

Diffusion of water molecules in nitrolite. S. P. Gabuda. Dokl. AN SSSR 146 no. 4:840-843 O '62.

Diffusion welding in vacuum of 45 steel. N. F. Kazakov. Svar. proizv. no. 8:31-34 Ag '62.

The first diffusion equation. R. L. Fogel'son. Fiz.tver. tela 4 no. 8:2269-2270 Ag '62.

Problem of diffusion proceeding from a nonstationary boundary I. P. Vyrodov. Dokl AN SSSR 147 no. 1: 68-70 N '62.

Role of diffusion in processes involving the penetration of substances into a discharge cloud. IU. P. Poliiul'. Opt. i spektr 13 no 2:270-272 Ag '62.

DIGENEA see subdivision under Kandalaksha Bay

DIGESTION

IUmusov, A. IU., and G. F. Korot'ko. [Functions of the digestive organs in a hot climate] Funktsii organov pishchevareniia v zharkom klimate. Tashkent, Medgiz, UzSSSR, 1962. 223 p.

Kurtsin, I. T. [Hormones of the digestive system] Gormony pishchevaritel'noi sistemy. Leningrad, Medgiz, 1962. 307 p.

DIGESTIVE ENZYMES

Activity of the digestive enzymes of sheep under conditions of a biogeochemical boron province in northwestern Kazakhstan. V. V. Koval'skii, I. K. Shukhova. Dokl. AN SSSR 146 no. 4:967-970 O '62.

DIGESTIVE ORGANS

Absorptive capacity of the digestive tract at different periods of time following the partial resection of the small intestine [with summary in English]. K. S. Zamychkina, L. V. Krivkova. Biul. eksp. biol. i med. 54 no. 7:22-26 Jl '62.

Interfunctional relations of the digestive organs of the abdominal cavity in chronic appendicitis. M. S. Kruglov. Zdrav. Bel. 8 no. 7:24-25 Jl '62.

Motor evacuatory function of the digestive tract after extensive resection of the small intestine in dogs [with summary in English]. T. V. Volkova. Biul. eksp. biol. i med. 54 no. 7:26-30 Jl '62.

DIGESTIVE ORGANS—TUBERCULOSIS

Tuberculosis of the stomach and duodenum [with summary in English]. A. F. Anisimov. Vest. khir. 87 no. 11:92-95 N '61.

DIKES (GEOLOGY) see subdivision under Dzhumgol-Tau; Kichikemin; Olonok Valley

DILARIDAE see subdivision under Caucasus, Northern

DIMEDROL

Electrophysiological indices of the functional state of the cortex and subcortex following the action of dimedrol. K. A. Shalmardanov. Zdrav. Kazakh. 22 no. 6:42-44 '62.

DIMETHYLAMINE

Polarographic study of hexamethylene-1, 6-bis-dimethylamine. A. I. Lopushanskii, M. V. Pokhmurskaia. Zhur. ob. khim. 32 no. 10:3135-3137 O '62.

DIMITROV, GEORGI, 1882-1942

The 80th anniversary of G. M. Dimitrov's birth. M. K. Ukr. ist zhur. 6 no. 5:148 S-O '62.

DIOPHANTINE ANALYSIS

Note on the Dirichlet principle in the theory of linear diophantine approximations. B. Karimov. Izv. AN Uz. SSR. Ser. fiz. -mat. nauk 6 no. 5:20-24 '62.

DIOXANE

Effect of small quantities of water on the luminescence spectra of 5, 6-benzoquinoline solutions in p-dioxane. A. P. Kilimov, L. N Zveginseva. Opt. i spektr. 13 no. 2 285-287 Ag '62.

DIPHTHERIA

Diagnostic departments for patients with suspected diphtheria. S. IA Flekser. Sov. med. 26 no. 7:128-130 Jl '62.

Differential diagnosis of diphtheria of the pharynx and larynx in children. L. V Vail'. Zdrav Turkm 6 no 4: 38-42 Jl-Ag '62.

Immunological effectiveness of purified adsorbed diphtheria anatoxin. Kh. G. Saidasheva Vop. okh. mat. i det. 7 no. 4:32-34 Ap '62.

Thromboembolism of the large vessels in children with toxic diphtheria of the pharynx and hemorrhagic syndrome. K. G. Petrova, N. Abilov, B. Khabizharov. Zdrav. Kazakh. 22 no. 6:33-36 '62.

DIPHTHERIA—PREVENTION

(see also subdivision under Kiev; Tomsk District)

Organizational and prophylactic work in the control of diphtheria at the Second Pediatric Therapeutic-Prophylactic Union in Alma-Ata for 1960 and 1961. F. S. Sakova, T. V Bukina. Zdrav. Kazakh. 22 no. 6 61 '62.

DIPHTHERIA—PREVENTIVE INOCULATION

(see also subdivision under Rostov-on-Don)

Active immunization against diphtheria and whooping cough under polyclinical conditions [with summary in English]. V. V. Voitenko. Vop. okh. mat. i det. 7 no. 4:73-76 Ap '62.

Intranasal revaccination against diphtheria. Report No. 1. [with summary in English]. I. E. Alatyntseva and others. Vop. okh. mat. i det. 7 no. 4:29-32 Ap '62.

Restoration of immunity to diphtheria lost following infectious diseases [with summary in English]. G. A. Sudzhaev, G. I. Smilovitskaia. Vop. okh. mat. i det. 7 no. 4:34-37 Ap '62.

Review of the contraindications to prophylactic vaccinations against diphtheria and whooping cough [with summary in English]. R. IA. Roznik. Vop. okh. mat. i det. 7 no. 4:77-81 Ap '62.

DIPHTHERIA ANTITOXIN

Bacterial contamination and the pyrogenic properties of antitoxic antidiphtheria sera in the process of preparing them by means of the "Diaferm-III" of the Institute of Experimental Medicine of the Academy of Medical Sciences of the U.S.S.R. N. D. Lisovskaia. Trudy TashNIIVS 6:75-81 '61.

Immunization of horses with purified diphtheria anatoxin. A. S. Sadykov, IU. A. Khavkin. Trudy TashNIIVS 6:9-13 61.

Immunogenicity of adsorbed diphtheria anatoxin depending on the titer of the original natural anatoxin and the degree of its purification. IU. A. Khavkin, M. S. Suleimanian, N. D. Lisovskaia. Trudy TashNIIVS 6 23 26 '61.

Improvement in the technology of producing purified adsorbed diphtheria anatoxin. IU. A. Khavkin. Trudy TashNIIVS 6:15-19 '61.

Species composition of the microflora polluting the serum in the process of its preparation by means of the "Diaferm-III" and the pyrogenic activity of various micro-organisms; report No 2. N. D. Lisovskaia Trudy TashNIIVS 6:83-88 '61.

Vaccinating activity of PW-8 strain anatoxins and of anatoxins from strains isolated from diphtheria patients K. P. Illarionova. Trudy TashNIIVS 6:103-108 '61.

DIPLOMACY

Levin, D. B. [Diplomacy; its essence, methods, and forms] Diplomatiia; ee sushchnost', metody i formy. Moskva, Sotsekgiz, 1962. 173 p.

DIPOLE MOMENTS

Field of a low-frequency electric dipole situated on the surface of a uniform anisotropic conducting half space. D. N. Chetaev. Zhur. tekh. fiz. 32 no. 11:1342-1349 N '62.

Universal intramolecular interactions and their effect on the position of the electron spectra of molecules in two-component solutions. Part 6. Dipole moments and the molecular structure of certain phthalimide derivatives in the ground state and in the first excited electron state. N. G. Bakhshiev. Opt. i spektr 13 no. 2:192-199 Ag '62.

DIRECT CURRENT MACHINERY see Electric motors, Direct current

DIRICHLET'S SERIES see Series, Dirichlet's

DISABILITY EVALUATION

(see also subdivision under Karlovka District)

Cardiovascular diseases as a cause of temporary disability. L. A. Rutkovskii. Sov. zdrav. 21 no. 8:35-40 '62

Study of cardiovascular disease incidence among workers with temporary disability. L. IA. Burlova, V. A. Belisarov. Sov. zdrav. 21 no. 8:40-47 '62.

DISARMAMENT

Measures for intensifying the universal Christian struggle for general disarmament and peace (statement of Russian-Orthodox members of the Central Committee of the World Council of Churches at a session of the Central Committee). Zhur. Mosk. Patr. no. 9:35-37 S '62.

DISARMAMENT (Continued)
Scientists and general security A V Topchiev. Priroda 51 no 11 7-11 N '62.
Studying the history of the U.S.S.R. struggle for disarmament. I I Litvikh Prep. ist v shkole 17 no. 5 40-46 S-O '62.

DISARMAMENT—CONGRESSES
Participants at the All-World Congress for General Disarmament and Peace visit us Alan Bush, Marcel Rubin Sov. muz 26 no 9 131-134 S '62
Working people need peace! Okhr. truda i sots. strakh. 5 no. 10 15 O '62.

DISARMAMENT—ECONOMIC ASPECTS
Disarmament problems and the international laboring class. M. Zakhmatov. Okhr. truda i sots. strakh. 5 no. 10 13-14 O '62.
The economic program of disarmament. K Ivanov, M. Kalugin, B Batsanov. Mezhdunar. zhizn' 9 no. 12 10-22 D '62.

DISCUSSION
Bruskova, E. S., and S. L. Solovelchik. [Discussion on discussions] Spor o spore Moskva, Izd-vo "Znanie," 1962. 30 p. (Novoe v zhizni, nauke, tekhnike XI Seriia Pedagogika, no. 21)

DISEASES—REPORTING
(see also subdivision under Armenia)
From the history of Russian sanitation and military medical statistics. L. E. Poliakov. Sov. zdrav. 21 no. 8, 63-68 '62.

DISINFECTION AND DISINFECTANTS
Machine for storage disinfection. L. F Piskun. Zashch rast ot vred i bol 7 no 7 19-20 Jl '62

DISLOCATIONS
Contraindications to certain types of exercise therapy in patients with cervical osteochondrosis, spondyloarthrosis, and hyperextension subluxation. IA. IU. Popelianskii. Vop. kur., fizioter. i lech. fiz. kul't. 27 no. 2 154-159 Mr-Ap '62.

DISLOCATIONS IN CRYSTALS
Effect of dislocations on the distribution of admixed copper in sodium chloride crystals. L. I. Roshchin, I. IA. Melik-Gaikazian. Fiz. tver. tela 4 no. 8;2261-2263 Ag '62.
Relation between impurity distribution and dislocations in cadmium crystals. I B. Borovskii and others Kristallografiia 7 no 4 600-603 Jl-Ag '62.
Ultrasonic method for observing the behavior of dislocations in NaCl crystals. L. G. Merkulov. Akust. zhur. 8 no. 3;340-343 '62.

DISLOCATIONS IN METALS
"Experimental investigation on the movement of dislocations in metals" by O. I. Mgebrian. Reviewed by I. A Oding, V N Geminov. Metalloved. i term. obr. met. no. 8:60-61 Ag '62.
Pavlov, V. A. [Physical principles of the plastic deformation of metals] Fizicheskie osnovy plasticheskoi deformatsii metallov. Moskva, Izd-vo Akad. nauk SSSR, 1962. 198 p.
Studying the temperature dependence of the creep strength of iron in connection with the interaction between dislocations and interstitial atoms. V. I. Sarrak, R. I. Entin. Dokl. AN SSSR 146 no. 4:810-812 O '62.

DISMISSAL OF EMPLOYEES see Employees, Dismissal of

DISORDERLY CONDUCT
Criminal responsibility for disorderly conduct. M. A. Nigal. Trudy Inst. filos. i prava AN Kazakh. SSR 6:219-233 '62.
We shouldn't be lenient to hooligans. IU Aleksandrov. Sud. pravo no. 6:106-108 N-D '62.

DISPERSOIDS see Colloids

DISTANCES—MEASUREMENT
Simplest method of determining the distance between ships. D Zemlianovskii Rech. transp. 21 no. 11. 44 N '62

DISTILLATION
Research concerning the optimum systems for a rapid soft boiling of grains in alcohol distilleries. A. G. Zabrodskii, A. F. Polozhishnik, B. D Rabinovich. Izv vys. ucheb. zav. pishch. tekh. no. 4:94-99 '62.
Stabnikov, V. N. [Distillation and rectification of alcohol] Peregonka i rektifikatsiia spirta. Moskva, Pishchepromizdat, 1962. 503 p.

DISTILLATION, FRACTIONAL
Separation of ethylene chlorohydrin from aqueous solutions by azeotropic rectification. V. B Kogan, S. K. Ogorodnikov. Khim. prom. no. 9:660-663 S '62.
Studies in the field of absorption and rectification. N. M. Zhavoronkov. Probl. fiz. khim. no. 1:111-121 '63.
Use of radioactive isotopes in the study of rectification and in testing rectification columns. IA. D. Zel'venskii, V. A. Shnlygin. Khim. prom. no. 6:424-427 Je '62.

DISTILLATION APPARATUS
Stabnikov, V. N. [Distillation and rectification of alcohol] Peregonka i rektifikatsiia spirta. Moskva, Pishchepromizdat, 1962. 503 p.

DISTILLING, ILLICIT see subdivision under Kazakhstan

DISTRIBUTIVE EDUCATION
(see also subdivision under Voronezh)
Requirements of life. S. Sidenko. Sov. potrebkoop. 6 no 7;17-20 Jl '62
With community participation. M. Trishchenkov. Sov potreb. koop. 6 no. 10;36-40 O '62.

DITHIONITES
Disintegration of clay and marl rocks under the influence of simultaneous application of hyposulfite and hydrogen peroxide. N. V. Averburg. Vop. mikropaleont no. 6;147-148 '62.

DITHIZONE
Lipoproteins in the blood in experimental dithizone diabetes. R S. Gol'dberg. Zdrav. Kazakh. 22 no. 6,36-41 '62.

DIVING
Complete table for dives. G. G. Mazurov. Teor. i prak fiz. kul't. 25 no. 8;60-61 Ag '62.
Technic of executing the dive "back entry bending from a front position." A. P. Gut. Teor. i prak. fiz. kul't 25 no. 6;58 Ag '62.

DIVING, SUBMARINE
Competition of courageous men. V. Maksimenko. Voen. znan. 38 no. 11:31-32 N '62.

DIVISION OF LABOR
Two economic systems and two types of international division of labor [with English summary in appendix] N. Ivanov. Vnesh. torg. 42 no. 11:7-15 '62.

DNEPRODZERZHINSK—BLAST FURNACES
A tiny blast furnace. O. Savyls'kyi. Ukraina no. 22:8 N '62.

DNEPROPETROVSK—DYSENTERY
Relationship of the method of sanitary clearance to dysentery morbidity in Dnepropetrovsk. V I. Petrov. Vrach. delo no. 8,123-124 Ag '62.

DNEPROPETROVSK—METALLURGICAL RESEARCH
Research carried out at the Petrovskii Metallurgical Plant. N. I. Beda, N. K. Kotov. Stal' 22 no 9,760 S '62.

DNEPROPETROVSK—REFUSE AND REFUSE DISPOSAL
Relationship of the method of sanitary clearance to dysentery morbidity in Dnepropetrovsk. V I. Petrov. Vrach. delo no. 8;123-124 Ag '62.

DNEPROPETROVSK—RUSSIAN SOCIAL DEMOCRATIC PARTY
"V. I. Lenin and the Bolshevik organization of Ekaterinoslav" by P Vaitatiuk. Reviewed by P I. Denysenko Ukr. ist. zhur. 6 no. 5;123-125 S-O '62

DNEPROPETROVSK PROVINCE—AGRICULTURE—AUDITING AND INSPECTION
Auditing group at work. F. IA. Sadovoi. Uchet i fin. v kolkhoz. i sovkhoz. 10 no. 11,54-55 N '62.

DNEPROPETROVSK PROVINCE—ARTIFICIAL INSEMINATION
State farm station for artificial insemination servicing collective farm herds. A. I. Matveev, S. A. Ksenzenko. Zhivotnovodstvo 23 no. 2 53-54 F '61.

DNEPROPETROVSK PROVINCE—CITY PLANNING
Projects for the planning of villages were worked out by volunteers. I. Zaichenko, I. Mygal. Stil', bud. 12 no. 8; 13-14 S '62.

DNEPROPETROVSK PROVINCE—COLLECTIVE LABOR AGREEMENTS
Pyrohov, S. I. [Collective labor agreements in action] Kolektyvnyi dohovir v dii. Kyiv, Derzhpolitvydav URSR, 1961. 31 p.

DNEPROPETROVSK PROVINCE—NOTARIES
Public notaries of Dnepropetrovsk Province discuss the results of their work. V. Oliinyk. Rad pravo no. 6; 113-114 N-D '62.

DNIEPER BASIN—LIGNITE
Studying the effect of the moisture content of Dnieper Basin brown coals on their gasification with the oxygen blowing method. K. N. Zviagintsev. Nauch. trudy VNIIPodzemgaza no. 7:41-47 '62.

DNIEPER-DONETS LOWLAND—SALT DOMES
Detailed seismic studies of salt domes in the Dnieper-Donets Lowland. IU. B. Demidenko, E. P. Puzdrovskii. Razved. i prom. geofiz. no. 45;3-16 '62.

DNIEPER HYDROELECTRIC POWER STATION
Dnieper Hydroelectric Power Station B. Khakalo. Stroi. i arkhit. 10 no. 10 38-39 O '62.
A realized dream; on the 30th anniversary of the Dnieper Hydroelectric Power Station. T. M. Munigo. Ukr. ist. zhur. 6 no. 5;140-141 S-O '62.

DNIEPER RESERVOIR—HERRING
Need for intensive fishing of Clupeonella delicatula (Nordm.) in Dnieper Reservoir. P. A. Zhuravel'. Ryb. khoz. 38 no. 5 23-24 '62

DNIEPER RIVER—REGULATION
Tailrace conditions at the Kremenchug Hydroelectric Power Station on the Dnieper V Galkov Rech transp 21 no. 11 37-38 N '62

DNIEPER RIVER—VIMBA
Comparative morphological characteristics of vimba of the Dnieper and Danube rivers. N. P. Tarnavskii. Vop. ikht. 2 no. 2;220-225 '62.

DNIESTER RIVER—REED (BOTANY)
Chemical composition of Dniester and Danube reeds M. S. Dudkin and others. Ukr. khim. zhur. 28 no. 8; 998-999 '62.

DNIESTER VALLEY—CAVE FAUNA
Cave fauna in the Dniester Valley [with summary in English] S. I. Levushkin Biul. MOIP Otd biol. 67 no 3;29-37 My-Je '62.

DOCK GATES see Sluice gates

DOCKS—EQUIPMENT AND SUPPLIES
Modernizing the equipment of slips. P. Kudriashov Rech transp 21 no 11 46-48 N '62.

DODDER
(see also subdivision under Armenia; Bagadskiy District, Karakhstan)
Flame cultivator for controlling dodders. K. IA Fateulina, N M Fyatifeev Zashch rast ot vred i bol 7 no 7 16-19 Jl '62
New data on the taxonomy of dodder. N. S Mitrofanova. Biul. MOIP Otd biol. 67 no 3;141 My-Je '62

DOGADOV, VASILII MIKHAILOVICH, 1886-1962
V. M. Dogadov, obituary. Izv. vys. ucheb. zav., prav. 6 no. 3 187 '62.

DOGBANE
Pharmacology of the alkaloid-containing plant, Vinca herbacea. R. A. Nazaretian. Trudy Erev. med. inst. no. 11:59-67 '60.

DOKUCHAEVSK REGION—HYDRAULIC CONVEYING
Open middlings pipe for the crushing and ore dressing plant N I Kachura, V. N Baltakov Gor. zhur no 12 69 D '62.

DOLOMAN, IEVMEN
"Your creative maturity", verse by Ievmen Doloman. Reviewed by Hryhorii Vartanov. Ukraina no. 29,18 N '62.

DOLOMITE see subdivision under Bashkiria

DOMES
Experimental study of models of reinforced concrete cupolas or shells A P Filin, A A Samoilov Shor. trud LIIZHT no. 111 274-299 '60

DOMESTIC ECONOMY see Home economics

DOMESTIC EDUCATION—CONGRESSES
First All-Russian Congress on Domestic Education. A. Filippov. Nar. obr. no 12 94-95 D '62

DOMESTIC RELATIONS see subdivision under Uzbekistan

DOMESTIC RELATIONS—BIBLIOGRAPHY see Bibliography—Domestic relations

DOMESTICATION
Problem of domestication. A. A. Salganskii. Vop. ekol. 4:75-77 '62.

DON RIVER—PIKE PERCH
Quality of pike perch (Lucioperca, Lucioperca (L.)) spawners in the fish hatcheries of the Don River. O. D. Romanycheva. Vop. ikht. 2 no. 2;283-285 '62.

DON VALLEY—HISTORY
"The Don Valley in the 18th century" by A. P. Pronshtein. Reviewed by O. M. Apanovych. Ukr. ist. zhur. 6 no 4, 135-137 Jl-Ag '62.

DON VALLEY—RUNOFF
Role of ground waters in the erosion process depending on the geological and geomorphological conditions in the western part of the Don Valley. N. S. Bevz. Izv. Vor. otd. Geog. ob-va no. 3;117-123 '61.

DON VALLEY—WATER, UNDERGROUND—ANALYSIS
Dynamics and chemistry of the waters of the Alb-Senoman horizon in the regions of the middle Don and the right bank of the upper Volga. N. D. Korlova. Trudy Lab. gidrogeol. probl. 40;114-124 '62.

DONETS BASIN—ALLUVIAL LANDS
Angle of displacement in alluvial soil containing quicksand. I. A. Chernyshev. Ugol' Ukr. 6 no. 8;25-26 Ag '62.

DONETS BASIN—COAL

The eastern region of the Donets Basin as an additional source of coking coals for the metallurgy of the South. M. S. TSetlin. Ugol' prom no. 5,74-75 S-O '62

DONETS BASIN—COAL GASIFICATION, UNDERGROUND

Basic problems of work organization in the "Podzemgaz" Plant in Lisichansk. E.K.Shmakova. Nauch.trudy VNIIPodzemgaza no.8,115-124 '62.

Experimental drainage of the gas producer section No. 1 of the "Podzemgaz" Gas Producer Plant in Kamensk. Iu.I.Timofeev. Nauch.trudy VNIIPodzemgaza no.6: 102-107 '62.

Testing the gasification process at depths of 300 to 400 meters at the Lisichansk "Podzemgaz" Gas Producer Plant. S.P.Golger. Nauch.trudy VNIIPodzemgaza no.8,11-19 '62.

DONETS BASIN—COAL MINERS

Thoughts about people. V. Kul'kov Sov shakht 11 no. 11,14-15 N '62

DONETS BASIN—COAL MINES AND MINING

Basic tasks in the further expansion of the coal mining industry of the Donets Basin. Ugol' Ukr. 6 no. 8:3-6 Ag '62.

Coal mining and roof control in steep middle-high coal beds. P. IA. Zastavenko, N. M. Shaido. Bezop. truda v prom. 6 no. 6 25-26 Je '62.

Continuous combined brigades in the mines of Chistiakovantrasit Trust. M. A. Srebnyi, A. I. Poliakov. Ugol' Ukr. 6 no. 5:26-28 My '62.

Dispatching systems are an integral part of mine mechanization and automation. A. V. Griger, V. G. Afonin. Ugol' Ukr. 6 no. 8:34-36 Ag '62.

Drilling out of coal in the faces of development workings. V. N. Zhukovskii. Ugol' Ukr. 6 no. 8,29-31 Ag '62.

Intensification of the political and occupational activity of Donets Basin miners during the large-scale building of communism. V. O. Romantsov. Ukr. ist zhur 6 no. 4:3-14 Jl-Ag '62.

Longwall mining with roof caving on stope timber. A. I. Stakhanov, V. L. Grigor'ev, V. F. Shevchenko. Bezop truda v prom. 6 no 6 26-27 Je '62

The "Lugansk Hour" competition in the mines of Luganskugol' Combine. IU. I. Dmitrienko and others. Ugol' Ukr. 6 no. 5:23-26 My '62.

Milestones of a great journey N Rabicheva. Sov. shakht. 11 no 11 10-11 N '62

Rapid drifting of horizontal workings. M. S. Grif. Ugol' prom. no. 5,15-17 S-O '62

Results of an over-all reorganization. R. K. Gulfaev. Ugol' Ukr. 6 no. 8,11-12 Ag '62.

DONETS BASIN—COAL MINES AND MINING—LABOR PRODUCTIVITY

Mining 241 running meters of crosscuts monthly. V. N. Mishin. Ugol' Ukr. 6 no. 5:30 My '62

The monthly rate of advancing in the face exceeds 100 meters. V. A. Korn. Ugol' Ukr. 6 no. 5:31 My '62.

The secret of success. O. Posevkin. Sov. shakht, 11 no. 11.6-8 N '62

25,411 tons of coal extracted with the "Rodina" (KR-2) cutter loader. A. A. Kol'chik Ugol' Ukr. 6 no 8:7-8 Ag '62

DONETS BASIN—COAL MINING MACHINERY

Performance of the LGD cutter loader in inclined coal seams. L. S. Pilukhanov. Ugol' Ukr. 6 no. 8:29 Ag '62.

Small MPK-2 loader. L. K. Grigor'ev, V. A. Plugin. Ugol' prom. no. 5.37-38 S-O '62.

Trends in the creation of means for the mechanization of stoping operations in steeply dipping seams B. M. Del'tsov, E. G. Shcherbina. Ugol' Ukr. 6 no. 5:32-33 My '62.

DONETS BASIN—ECONOMIC CONDITIONS

"The years of heroic work; collected articles." Reviewed by M. I. Mykolaienko. Ukr. ist zhur. 6 no. 5: 130-131 S-O '62.

DONETS BASIN—HYDRAULIC MINING

Advantages of using PK-3 cutter-loaders for development work in hydraulic mining; from the work practices of Lisichanskugol' Trust mines. I. A. Grigor'ev. Ugol' Ukr. 6 no. 5:22-23 My '62.

Recent technical decisions in planning deep hydraulic mines. I. F. Mushenko. Izv. vys. ucheb. zav., gor. zhur. 5 no. 9-8-14 '62.

Systems of mining the flat seams of hydraulic mines in the Donets Basin. V. E. Neienburg, V. L. Pokrass. Ugol' Ukr. 6 no. 5:3-7 My '62.

DONETS BASIN—MINE DRAINAGE

Experimental drainage of the gas producer *section No. 1* of the "Podzemgaz" Gas Producer Plant in Kamensk. IU. I. Timofeev. Nauch.trudy VNIIPodzemgaza no.6: 102-107 '62.

DONETS BASIN—MINE FIRES

Fire extinction at the Donets Basin mine "Anna." V. A. Antipov, A. E. Ermolenko, V. M. Pogrebnoi. Bezop. truda v prom. 6 no. 6:7-8 Je '62.

DONETS BASIN—MINE GASES

Methane emission during mining. S.N.Osipov. Ugol' Ukr. 6 no. 5:17-18 My '62.

DONETS BASIN—MINE HAULAGE

Complex haulage equipment system with stationary dumpers. V.S.Andriukhin. Ugol' Ukr. 6 no. 8:32-33 Ag '62.

DONETS BASIN—MINE TIMBERING

Factors determining the cost of supporting haulage drifts in steep seams in the Donets Basin A. P Tuchnin Izv vys. ucheb zav., gor zhur. 5 no 10:57-63 '62

Test results of hydraulic supports. P. I Sheatov. Ugol' Ukr. 6 no. 5:16-17 My '62.

DONETS BASIN—MINING ENGINEERING

Achieve high quality in the plans for mine reorganization. A. A. Zoplotynskii. Ugol' Ukr. 6 no. 8:12-13 Ag '62.

Engineering work in the "Kommunist-Novaya" Mine. I. N. Vasin. Ugol' Ukr. 6 no. 8 27-28 Ag '62.

Expediency of pneumatic systems. L. N. Arkhangel'skii. Ugol' Ukr. 6 no. 8,47 Ag '62.

In the Ukrainian School for the Study of Advanced Practices. Ugol' Ukr. 6 no. 8:47 Ag '62.

DONETS BASIN—ONION BREEDING

Shortening the ripening period of common onion. N. A. Savchenko. Agrobiologiia no. 5 793-795 S-O '62

DONETS BASIN—VEGETABLE GARDENING

Outlook for the production of vegetables in the mining regions of the Donets Basin. S. M. Pavlenko Visnyk sil'hosp. nauky 5 no. 6.6-12 Je '62.

DONETS VALLEY—ANTIQUITIES

Monuments of the Scythian time in the Northern Donets Basin. P. D. Liberov. Mat. i issl. po arkheol. no 113: 6-95 '62.

DONETSK—IRON AND STEEL PLANTS

Ninetieth anniversary of the Donetsk Metallurgical Plant I. M. Ektov. Stal' 22 no. 9 769-772 S '62.

DONETSK—RABIES

Control of rabies and sanitary propaganda in Donetsk from 1955 to 1960. G. G. Rozhinskii, M. I. Birkengof. Zhur. mikrobiol., epid. i immun. 32 no. 12:115-116 D '61.

DONETSK PROVINCE—AMARANTH

Sowing corn along with amaranth S. IE. Dubenko. Visnyk sil'hosp nauky 5 no 5:93-95 My '62.

DONETSK PROVINCE—BAKERS AND BAKERIES

Interfactory school for the exchange of work practices among the Donetsk Trust bakery enterprises. I. S. Klein, O. M. Dmitrienko, I. G. Goriushkin. Khleb. i kond prom. 6 no 11,21-25 N '62.

DONETSK PROVINCE—CHILDREN—GROWTH

Standards of growth, chest circumference and weights of schoolchildren in the schools of general education in the city of Donetsk. G. B. Smolians'kyi. Mat. z antr. Ukr. no. 2:3-17 '62.

DONETSK PROVINCE—CORN (MAIZE)

Sowing corn along with amaranth. S. IE. Dubenko. Visnyk sil'hosp. nauky 5 no 5 93-95 My '62

DONETSK PROVINCE—LEATHER INDUSTRY

Leather goods from nonstandard raw material. P. Boykunenko. Sov. potreb. koop. 6 no. 10:52 O '62.

DONETSK PROVINCE—OTORHINOLARYNGOLOGICAL SOCIETIES

Account of the activity of Donetsk Province Scientific Society of Otolaryngologists during 1960. S. F. Letnik, V. I. Rodin. Zhur. ush., nos. i gorl. bol. 21 no. 6:83-86 N-D '61.

DONETSK PROVINCE—POLITICS AND GOVERNMENT

Invigorating force. D. Hrydasov. Rad. pravo no. 6: 22-26 N-D '62.

DONETSK PROVINCE—PRECAST CONCRETE CONSTRUCTION

Put the work of the construction industry on a production-line basis. E. Kosenkov, V Pobelov, G. Tokarev. Stroi. i arkhit. 10 no. 10:18-20 O '62.

DOPAN

Treatment of myelomic disease [with summary in English]. A. N. Grigor'iants, M. A. Volkova. Sov. med. 26 *no. 7:20-23 Jl '62.*

DORMITORIES

Chaikovskaia, O. V. [What a dormitory resident should know; dormitory hygiene] Chto nado znat' prozhivaiushchemu v obshchezhitii; gigiena obshcheshitiia. Moskva, Medgiz, 1964, 50 p. (DNLM)

DOROFEEV, SERGEI VASIL'EVICH, 1898-1962

Sergei Vasil'evich Dorofeev (1898-1962). Ryb. khoz. 38 no. 5:91 '62.

DOUGH—TESTING

Some protein changes occurring in a fermenting wheat flour dough during heating Z. F. Falunina, I. A Popadich Khleb. i kond prom 6 no. 11 11-13 N '62

DRAINAGE

(see also subdivision under Sal'yanskaya Steppe, Vologda Province; White Russia)

Effect of drainage and irrigation on soil formation processes in the Hungarian Lowland I Szabolcs Pochvovedenie no 10 78-84 O '62

Intensive draining of peat bogs. S.G.Selopov, D.S. Sherzhukov, E.S.Grektser. Biul.tekh.-ekon.inform. Gos.nauch.-issl.inst.nauch.i tekh.inform. no.11 36-37 '62.

DRAUDINS, TEODORS, 1890-1962

Teodors Draudins. Izv. AN Latv. SSR no 4:159 '62

DRAWING—INSTRUCTION

Development of creative imagination in drawing classes V. Vecherskyi. Rad shk 11 no 11 31-31 N '62

Drawing lessons should contribute to the solution of our new problems. M. Mintael'skii Nar obr. no 10 89-92 O '62.

"Secrets" of art training. A. Alekhin. Nar. obr. no 11 56-59 D '62.

DRAWING (METALWORK)

Cold drawing of tubes with improved lubrication. V. I Kolmogorov, K. P. Selishchev. Stal' 22 no 8 830-831 S '62.

Curves showing the distribution of deforming forces in drawing. I. P. Obozov. Kuz.-shtamp. proizv. 4 no. 11:15-16 N '62.

DREDGING

Most advantageous digging regime for multibucket, pile-supported dredges. G A. Bagautinov Izv vys ucheb zav., gor zhur 5 no 10-151-154 '62

Ways of increasing the efficiency of rock *material* removing operations V Perekhval'skii. Rech transp. 21 no 11:35 N '62

DREDGING MACHINERY

Improving the discharge system on 6P3U-type suction dredges. IA. Zorina, A. Starikov. Rech transp 21 no. 11:31-34 N '62.

Standardizing the consumption of electric power by dredges. G. A. Bagautinov. Izv. vys. ucheb. zav., gor. zhur. 5 no. 9:97-104 '62.

DRIFT

Drift meter designed by M. V. Izvekov. A. F. Lakiza Okeanologiia 2 no. 5:901-903 '62.

DRILL (AGRICULTURAL IMPLEMENT)

Analysis of the parameters of a new grain drill operating at speeds above 8 kilometers per hour [with summaries in English, German, and French]. S. F. Volkov Vest. sel'khoz. nauki 7 no 9:84-90 S '62

DRINKING WATER

Determination of silver in oligodynamic solutions. I. A Kul'skii, S. V. Nikitina. Ukr. khim. zhur. 28 no 8 980 '62.

Gofmekler, V. A. [Drinking water; the hygiene of urban and rural water supplies] Pit'evaia voda; gigiena gorodskogo i sel'skogo vodosnabzheniia. Moskva, Medgiz, 1962, 36 p.

Preserving drinking water by means of silver electrolytic solutions. L. A. Kul'skii, S. V. Nikitina, V. A Slipchenko. Ukr. khim. zhur. 28 no. 8:981-986 '62

DROGOBYCH—PETROLEUM INDUSTRY

According to the precepts of collectivism. I. I. Bakhanchenko. Agitator no. 24:47 D '62.

DROWNING

Rapid gnawing of a corpse by marine animals. N. B. Charkavskii, K. B. Ryklin. Sud.-med. ekspert. 5 no. 4:53-54 O-D '62.

DRUG INDUSTRY see subdivision under Lvov

DRUGS

Current drugs used in urology. P. I. Del'fer. Urologiia 27 no. 4:66-70 Jl-Ag '62.

Thermodynamic theory of the selective sorption of ions as a basis for ion exchange methods of purifying medicinal substances. G. V. Samsonov. Trudy Len. khim.-farm. inst. no. 15:9-14 '62.

DRUGS—PHYSIOLOGICAL EFFECT

Capillary reactions to the action of drugs and thermal agents in injuries to the nerves of the extremities [with summary in French]. E. L. Nikulenko. Zhur. nevr. i psikh. 62 no. 6:853-855 '62.

Sensitivity of the body to pharmacological substances in lesions caused by Sr^{90}. A. M. Ivanitskii. Med rad. 7 *no. 7:72-74 Jl '62.*

DRYING AGENTS

Pave the way for new defoliants and desiccants Nar. khoz. Uzb 4 no. 10-93 O '62.

DRYING APPARATUS
(see also subdivision under Czechoslovakia)
Fluidized bed drier. I.G.Bespalov, S.B.Geranina, N.M.Plotnikova. Biul.tekh.-ekon.inform.Gos.nauch.-issl.inst.nauch.i tekh.inform. no 11:37-39 '62.
Tunnel kiln and drier for low-output structural ceramic plants. G.Levandovs'kii, A.Khvorostovs'kii. Sil'.bud 12 no.9 19-21 S '62.

DRYING APPARATUS—FOUNDRY SAND
Electric conveyer furnace for the drying of core mixture specimens. D.S.Dolno. Lit.proizv. no.9:41 S '62.
Industrial testing of equipment for sand drying in a fluidized bed. A.O.Rogalin, G.V.Krukov. Lit. proizv. no.8:12-14 Ag '62.
Typical chamber driers for molds and cores. S.I. Chetverukhin. Lit.proizv. no.9:17-18 S '62.

DUBOIS, WILLIAM EDWARD BURGHARDT, 1868-
"Reminiscences" by W.E.B.Dubois. Reviewed by Z.Sheinis. Nov.vrem. 20 no.39:30-31 S '62.
William Dubois, a scholar and public figure. I.M. Dijour. Nar.Az.i Afr. no.6 220-222 '62.

DUCKS
Histogenesis of hemopoietic organs in ducks during the embryonic period of development. M.IU.Pylypenko. Nauk.prats Ukr.nauk.-dosl.inst.ptakh. 9 no.1:97-100 '61.
Problem of detecting sex dimorphism in ducks by hematologic indices. M.IU.Pylypenko. Nauk.prats Ukr. nauk.-dosl.inst.ptakh. 9 no.1:101-103 '61.

DUCKS—PARASITES see Parasites—Ducks

DUCTUS ARTERIOSUS—SURGERY
Hemodynamic effect of surgical treatment of patent ductus arteriosus [with summary in English] M.A. Abrikosova. Khirurgiia no.1:45-50 '62.

DUDINKA DISTRICT—REINDEER
The system of reindeer breeding of the "forest" Entsy and its origin. V.I.Vasil'ev. Krat.soob.Inst.etn. no.37:67-75 '62.

DUMP TRUCKS
(see also subdivision under Sarbay, Kazakhstan)
Mechanical unloading of fertilizers in cotton fields. S.S.Beda. Shor.nauch.-issl.rab.TTI no.12:7-10 '61.

DUMP TRUCKS—MAINTENANCE AND REPAIR
Stand for testing pumps of hydraulic hoists of dump trucks. M.Kornev. Avt.transp. 40 no.10:53 O '62.

DUODENUM—DISEASES
Diagnosis and treatment of pyloroduodenal stenoses in peptic ulcer. N.M.Khomchenko. Zdrav.Bel. 8 no.2 10-12 F '62.

DUODENUM—RUPTURE
Retroperitoneal rupture of the duodenum in closed trauma. A.S.Komarov. Vest.khir. no.5:85-88 '62.

DUODENUM—SURGERY
Covering the duodenal stump with a seromuscular flap from the resected stomach. B.P.Znachkovskii. Vest. khir. no.5:100-101 '62.
Improvement in the method of restoring the duodenal passage in high resection of the stomach [with summary in English]. M.I.Petrushinskii. Khirurgiia no.12 54-58 '61.

DUODENUM—TUMORS
Observation of a benign tumor of Vater's papilla. V.V. Vinogradov, S.L.Limonchik. Klin.khir. no.8:79-80 Jl '62.

DURA MATER
Morphological and physiological characteristics of the pigmentation of brain membranes in the suslik Spermophilopsis leptodactylus Licht. [with summary in English]. V.E.Sokolov. Zool.zhur. 41 no.7,1108-1110 Jl '62.

DURALUMIN—HEAT TREATMENT
Determining the time length of heating for annealing of extruded duralumin products. B.D.Galatskii, I.N. Fridliander. Metalloved.i term.obr.met. no.11: 13-17 N '62.

DUSHANBE—ACCLIMATIZATION
Characteristics of the reactions of the inhabitants of mountainous localities to high environmental temperature. F.T.Dzhumaev. Zdrav.Tadzh. 8 no.4:23-25 Jl-Ag '62.

DUSHANBE—SILK MANUFACTURE
Bogdanov, V. [Weavers in the seven-year plan] Tkachi na vakhte semiletki. Stalinabad, Tadzhikgosizdat, 1961. 31 p.

DUSHANBE REGION—SEISMOLOGY
Some correlation of the anomalous rate of inclines of the earth's surface and the period of the occurrence of earthquakes. R.M.Karmaleeva. Izv.AN SSSR.Ser. geofiz. no.11:1557-1561 N '62.

DUSHANBE REGION—SPARROWS
Observations on natural hybridization of the house sparrow and the Spanish sparrow. E.N.Golovanova. A.V. Popov. Trudy Inst.zool.i parazit.AN Tadzh.SSR 22 41-48 '62.

DUST—REMOVAL
Hydraulic dust removal during the cleaning of castings. L.B.Kogan. Lit.proizv. no.8:35 Ag '62.
Possible use of dust counters for determining the dust content of gas by electric methods. N.N.Ponomarev. Zav.lab. 28 no.8,1000-1001 '62.
Technical consultation. P.V.Sidiakov. TSement 28 no.5:24 S-O '62.

DUST COLLECTORS
(see also subdivision under Canada)
Competition for the best dust catching equipment. Stal' 22 no.11:1055 N '62.
New Soviet electrostatic filters for purifying the gases of rotary kilns. V.N.Uzhov. TSement 28 no.5:4-6 S-O '62.
Suction drawing-off system from 115 and 116 pug mills. V.P.Tomichev. Lit.proizv. no.9:30 S '62.

DUST STORMS
Controlling dust storms. N.V.Vasil'ev. Zemledelie 24 no.10:76 O '62.

DVINA RIVER, WESTERN see Western Dvina River

DWELLINGS see subdivision under Novogrudok

DYES AND DYEING
Arylmethane dyes. Part 3. Certain relations between the structure and acid-basic properties of triphenylmethane dyes. O.F.Ginzburg, P.M.Zavlin. Zhur. ob.khim. 32 no.11:3559-3562 N '62.
Derivatives of acylacetic esters of the heterocyclic series. Part 4. Synthesis of nicotinoylacetic ester, arylides, and azomethine dyes prepared from them. N.S.Vul'fson, V.E.Kolchin, L.K.Artemchik. Zhur. ob.khim. 32 no.10:3382-3386 O '62.
Dyes with antipyrine nuclei. Part 6. Derivatives with two and three heterocycles. O.F.Ginzburg, V.V. Belogorodskii, A.S.Petrov. Zhur.ob.khim. 32 no.10:3317-3320 O '62.
Problems ripe for solution. B.A.Iakimychev, P.P. Ivanov. Tekst.prom. 22 no.11:53-55 N '62.

DYES AND DYEING—APPARATUS
Staroskol'skii, A.A., and S.N.Kuz'min. [Chemical plants for dyeing and finishing processes] Khimicheskie stantsii krasil'no-otdelochnogo proizvodstva. Moskva, Rostekhizdat, 1962. 165 p.

DYES AND DYEING—CHEMISTRY
Investigating the water solubility of direct dyes. S.A. Melikhov. Tekst.prom. 22 no.10:69-72 O '62.

DYES AND DYEING—COTTON
Effect of vat dyes on the photochemical destruction of cotton fibers. N.I.Abramova, A.N.Naloeva. Tekst. prom. 22 no.10:67-69 O '62.

DYES AND DYEING—EQUIPMENT AND SUPPLIES
Operation conditions of the dye aging and reducing apparatus. O.A.Bunin, M.T.Moskvichev, S.A. Plaksin. Tekst.prom. 22 no.10:64-67 O '62.

DYES AND DYEING—NYLON
Mass coloration of capron. V.I.Mal'tsova and others. Khim.volok. no.5:52-55 '62.

DYES AND DYEING—RAYON
Determination of dyestuff concentration in colored mother liquor and in dyed viscose. D.IA.Zhukova, T.B.Filicheva. Khim.volok. no.5:84-87 '62.

DYES AND DYEING—SILK
New dyes for dyeing and printing pure silk fabrics. K.M.Sidneva, M.A.Fedorova, A.A.Pozdniakova. Tekst.prom. 22 no.11:60-61 N '62.

DYES AND DYEING—TEXTILE FABRICS
Mechanism of the reaction of cation dyes with nitron. P.V.Moryganov, B.N.Mel'nikov, O.B.Liakisheva. Izv.vys.ucheb.zav.; tekh.tekst.prom. no.5,114-117 '62.

DYES AND DYEING—TEXTILE FIBERS
Effect of light and weather on fabrics manufactured from a cotton and lavsan blend. R.M.Shchegoleva, T.D.Zakharova. Tekst.prom. 22 no.10,61-64 O '62.
Emulsion method of dyeing wool, rayon and synthetic fibers. V.A.Blinov and others. Tekst.prom. 22 no.10:67-69 O '62.

DYNAMICS OF A PARTICLE
Radiation from a charged particle flying near a metal screen. A.P.Kazantsev, G.I.Surdutovich. Dokl.AN SSSR 147 no.1:74-77 N '62.

DYNAMOMETER
Disk dynamometer for measuring forces in rolling mills. A.V.Bursin and others. [Shor.trud.] Nauch.-issl. inst.met. no.4:115-118 '61.
Dynamometer for measuring tension stresses in cables. N.P.Kuchkina. Izm.tekh. no.9:26 S '62.
Some data on dynamometry with indices for the force and static tolerance. G.A.Minasian, K.V.Asatrian, G.A.Arutiunian. Trudy Erev.med.inst. no.11:183-188 '60.

DYNAMOS see Electric generators

DYSENTERY
(see also subdivision under Dnepropetrovsk)
Analysis of the disease incidence from acute bacterial dysentery. M.S.Ambartsumian. Zhur.mikrobiol., epid.i immun. 32 no.12:119-120 D '61.
Comparative clinical morphological data on acute and chronic dysentery [with summary in English]. N.N. Ipatova, G.M.Rogatovskikh. Sov.med. 26 no.10 61-67 O '62.
Detection of the source of dysentery following its transmission in food. B.R.Mariupol'skii, O.G.Sokolov. Zdrav.Kazakh. 22 no.6 49-50 '62.
Effect of sensibilization on the morphology of amebiasis in experimental animals. M.Z.Leitman, K.N.Dolinskaia. Trudy TashNIIV» 6 217-228 '61.
Methods of immunotherapy increasing the effectiveness of treatment with antibiotics of typhoid fever and dysentery [with summary in English]. K.V.Bunin. Sov.med. 26 no.6 41-52 Je '62.
Nisevich, N.I., and A.G.Avancsova. [Dysentery and other intestinal infections in infants] Dizenteriia i drugie kishechnye infektsii u detei rannego vozrasta. Moskva, Medgiz, 1962. 203 p. (DNLM)
Preventive medical significance of an alcohol vaccine administered intracutaneously in the compound treatment of acute dysentery. S.P.Khristii. Vrach.delo no.5: 114-116 Ag '62.
Use of the phage titer growth reaction for studying the ways of infection transmission in dysentery. B.IA. Poniavin. Zdrav.Bel. 8 no.7 59-61 Jl '62.
Water-borne outbreak of dysentery. I.L.Bank and others. Zhur.mikrobiol., epid.i immun. 32 no.12:118 D '61.

DZERZHINSK (GORKIY PROVINCE)—HEPATITIS, INFECTIOUS
Study of the effectiveness of prophylaxis of Botkin's disease using gamma globulin in childrens' institutions in Gorkiy and Dzerzhinsk. M.D.Aleinik and others. Vop. virus. 7 no.5 617-618 S-O '62.

DZERZHINSK (WHITE RUSSIA)—MEDICAL SOCIETIES
Public representation council. V.Mal'chevskii. Zdrav. Bel. 8 no.7:73 Jl '62.

DZERZHINSK DISTRICT (MINSK PROVINCE)—PUBLIC HEALTH ADMINISTRATION
Results of work following the reorganization of a district public health system. I.I.Kotik. Zdrav.Bel. 7 no.11, 36-38 N '61.

DZERZHINSKII, FELIKS EDMUNDOVICH, 1877-1926
A life devoted to the Soviet people. IU.V.Pankov. Vop. ist.KPSS 6 no.6 227-226 '62.

DZHALIL', MUSA, 1906-1944
Bikmukhametov, R.G. [Musa Dzhalil'; a study of his works] Musa Dzhalil', ocherk tvorchestva. Moskva, Goslitizdat, 1962. 322 p.

DZHAMBUL—FERTILIZER INDUSTRY
"We are indebted to rural toilers." M.Kosykh. Part. zhizn' Kazakh. 32 no.10:51-54 O '62.

DZHAMBUL—FERTILIZER INDUSTRY—TECHNOLOGICAL INNOVATIONS
Innovators are mechanizing and automating production. N.Vesel. Nar.khoz.Kazakh. 20 no.9:71-72 S '62.

DZHAMBUL DISTRICT—STOCK AND STOCKBREEDING
We talk with all stock farmers. T.Makashev. Part. zhizn' Kazakh. 32 no.10:38-40 O '62.

DZHAMBUL PROVINCE—CONSTRUCTION INDUSTRY—FINANCE
Results of poor management. E.Mal'gina. Nar.khoz. Kazakh. 20 no.9:38-39 S '62.

DZHERMUK REGION—QUARTZITE
Use of Dzhermukquartzite as raw material for the manufacture of bottle glass. M.Manvelian, K.Kostanian, E.Erzankian. Prom.Arm. 5 no.10:52-54 O '62.

DZHEZKAZGAN DISTRICT—MINING ENGINEERING
Location of support pillars in the chamber-and-pillar system of mining. D.O.Eshpanov, L.I.Frei. Gor. zhur. no.6:28-31 Je '62.

DZHEZKAZGAN DISTRICT—ORE HANDLING
Determining the correction factor for establishing the size of pieces of broken ore. V.I.Gubin. Gor.zhur. no.12:54 D '62.

DZHUMGOL-TAU—DIKES (GEOLOGY)
Formation of Paleozoic dikes in northern Kirghizia as revealed by the studies in the Dzhungol-Tau and Lesser Kemin Basin. E.M.Izrailova, I.V.Nosyrev. Mat.po geol.Tian'-Shania no.2:111-120 '62.

DZUNGARIAN ALA-TAU—GEOLOGY, ECONOMIC

Zhukov, P.K., and others. [Basic features of the geology and metallogeny of the Kokzu-Tekeli area of the Dzungarian Ala-Tau] Osnovnye cherty geologii i metallogenii Kokzu-Tekelliskogo raiona Dzhungarskogo Alatau. Alma-Ata, Izd-vo Akad. nauk Kazakhskoi SSR, 1962. 123 p.

DZUNGARIAN ALA-TAU—GEOLOGY, STRATIGRAPHIC

Stratigraphy of the Borotala Basin in the Dzungarian Ala-Tau. A.Kh. Ivanov Sov geol. 5 no.9 126-132 S '62

EAGLES see subdivision under Kashmir

EAR—DISEASES

Complications in suppurative otitis media [with summary in English] V.F. Kuiepov Zhur ush., nos i gorl. bol. 21 no 6 14-19 N-D '61

Novocaine block as a means of treating acute inflammation of the skin of the meatus acusticus externus I.Z. Reskin. Zhur ush., nos i gorl. bol 21 no 6 68 N-D '61

"Occupational diseases of the upper respiratory tract and the organ of hearing" by G.S. Trambitskii and A.E. Tamarina Reviewed by N.F. Pitenko Zhur ush., nos i gorl bol. 22 no 2 88-90 Mr-Ap '62

Otogenic abscesses of the brain D.L. Rivin. Zdrav. Bel. 8 no.7:34-35 Jl '62.

EAR—SURGERY

Use of prosthesis in operations on the stapes, survey of the literature. V.A. Gukovich. Zhur. ush., nos i gorl. bol. 21 no 6 77-80 N-D '61

EAR—TUBERCULOSIS

Nodular form of tuberculosis of the lobe of the auricula. B.M. TSetsarskii. Zhur ush., nos. i gorl bol 22 no 2.71-72 Mr-Ap '62.

Tuberculosis of the middle ear in young nursing infants [with summary in English] A.S. Samokhvalova. Zhur. ush., nos i gorl bol. 22 no.2:58-62 Mr-Ap '62

EAR—TUMORS

Chemodectoma of the middle ear A.B. Varshavskii, N.A. Antonova. Zhur. ush., nos i gorl bol. 22 no 2:75-77 Mr-Ap '62

Three cases of a benign tumor of the external auditory canal. E.N. Katsnel'son. Zhur ush., nos i gorl bol. 22 no 2 88-89 Mr-Ap '62

EARTH

Fourth conference on astrogeology. B.Iu. Levin, E.M. Budich. Vest. AN SSSR 32 no.11:131-134 N '62.

Methodological problems of the development of earth sciences and the transformation of nature. A.G. Doskach. Vest. AN SSSR 32 no.11:138-140 N '62.

"Movement of the earth poles" by K.A. Kulikov Book review Priroda 51 no.11:122 N '62.

EARTH—AGE

Age of the earth. V.I. Baranov. Biul. Kom. po opr. abs. vozr. geol. form no.5 7 '62.

"Age of the earth" by P.M. Harley. Book review. Priroda 51 no 11 64 N '62.

EARTH—FIGURE

Accuracy of calculating the effect of distant zones on the height of the quasigeoid by expanding the K and Q coefficients [with summary in English]. E.M. Orlova. Trudy TSNIIGAIK no.145.61-70 '62.

Evaluation of the accuracy of Stokes' series and some attempts to make his theory more accurate [with summary in English]. M.S. Molodenskii, V.F. Eremeev, M.I. Iurkina. Trudy TSNIIGAIK no.145:3-21 '62.

EARTH—INTERNAL STRUCTURE
(see also subdivision under Transcarpathia; Ural Mountains)

Change in the elastic properties and the density of matter on the edge of the earth's core. Izv. AN SSSR. Ser. geo- '62.

ity of matter composing the rii, L.A. Solov'eva. Dokl.) O '62.

of the earth as a complex L.P. Zaitsev. Vest. AN '62.

magnetism, Terrestrial

Altai Mountains; Kirghiz

ns on the basis of profiles. - SAKHMSs no.5:115-117

subdivision under Krivoy

amabell loader. R.S. Sul- 7 no.10:4-8 O '62.

Donskoi, V.M., and V.A. Lantsov. [Mechanization of small-volume earthwork] Mekhanizatsiia zemlianykh rabot malykh ob"emov. Leningrad, 1962. 32 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Otmen peredovym opytom. Seriia: Stroitel'naia promyshlennost', no.13)

"Earth-working machinery" by N.G. Dombrovskii, S.A. Pankratov. Reviewed by V.A. Riabkin Stroi. i dor. mash. 7 no.10:38 O '62.

Foreign mounted loosenere. M.I. Rovinskii, G.A. Shloido. Mekh. stroi. 19 no.11:28-30 N '62.

In the Technical and Economic Council of the Donetsk National Economic Council Mekh. stroi. 19 no.11 31 N '62.

EARTHQUAKES
(see also subdivision under Carpathian Mountains, Kamchatka, Kurile Islands)

Strong earthquakes N G Val'dner. Priroda 51 no 11 110-111 N '62.

EARTHQUAKES—MAPS see subdivision under Carpathian Mountains

EARTHS, RARE see Rare earths

EARTHWORK
(see also subdivision under Kara Kum Canal)

Earthwork in mountainous conditions. A.V. Shcherbak. Stroi. truboprov. 7 no.10:19-20 O '62.

The effect of the width of a slope on the efficiency of an excavator A.K. Barskov. Mekh. stroi. 19 no 11.10-12 N '62.

The effectiveness of using inclined sides when working excavations with scrapers. A.N. Putenikhin Mekh stroi. 19 no.11 8-10 N '62.

"Improving earthwork in hydraulic construction" by V.P. Sobolev. Reviewed by V.A. Chereshnev. Mekh. stroi. 19 no.11 32 N '62.

Machine for working frozen ground. P.Z. Petukhov and others. Mekh. stroi. 19 no.11 16-17 N '62.

Misunov, S.M. [Mechanism should be fully loaded] Mekhanizmam - polnuiu nagruzku. Minsk Gos. izd-vo BSSR. Red. proizvodstvennoi lit-ry, 1962. 26 p. (Bibliotechka novatora)

EAST (NEAR EAST) see Near East

EAST (SOVIET FAR EAST) see Soviet Far East

EAST GERMANY see Germany, East

EAST KAZAKHSTAN PROVINCE—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

Methodological advice for propagandists. I. Nikul'shin, A. Potapov. Part. zhizn' Kazakh. 32 no.10:35-38 O '62.

EAST KAZAKHSTAN PROVINCE—PLANTS, EFFECT OF COBALT ON

Cobalt content in the soils and plants of East Kazakhstan Province. G.A. Shestakova. Zdrav. Kazakh. 22 no.6: 51-55 '62.

EAST KAZAKHSTAN PROVINCE—SOILS—COBALT CONTENT

Cobalt content in the soils and plants of East Kazakhstan Province. G.A. Shestakova. Zdrav. Kazakh. 22 no.6: 51-55 '62.

EASTERN EUROPE see Europe, Eastern

EASTERN SIBERIA see Siberia, Eastern

EBEKO VOLCANO—ALUNITE

Conditions of alunitization in volcanic regions as exemplified in the Ebeko Volcano (Paramushir Island). S.I. Naboko, E.P. Riabchikina. Biul. vulk. sta. no.32;45-51 '62.

ECHINOIDEA see Sea urchins

ECHO VIRUSES

Materials from laboratory studies of the survival in the soil of some enteroviruses (poliomyelitis, ECHO, Coxsackie) [with summary in English]. G.A. Bagdasarian Vop virus. 7 no.5.551-554 S-O '62.

Study of the population of Riga for the presence in the blood of antibodies to the ECHO group of viruses [with summary in English] M. Indulens, I. Kanelis. Vop. virus. 7 no.5:547-551 S-O '62.

Virological study of an outbreak of aseptic meningitis in Zaporozh'ye [with summary in English]. V.D. Solov'ev, N.R. Gutman, I.I. Fal'kova. Vop. virus. 7 no.5: 539-544 S-O '62.

ECLIPSES, SOLAR—1956

Observations of the partial solar eclipse of December 2, 1956, in Tajikistan. A.M. Bakharev. Biul. VAGO no.32:45-47 '62.

ECLIPSES, SOLAR—1961

Certain phenomena during the total solar eclipse of February 15, 1961. A.N. Karpov. Biul. VAGO no.32: 37-39 '62.

Determining the position of the west edge of the total phase band of the solar eclipse of February 15, 1961, in the central Volga Valley. K.A. Losev. Biul. VAGO no.32:30-31 '62.

Measurements of the absorption of cosmic radio emission during the solar eclipse of February 15, 1961. G.M. Artem'eva and others. Geomag. i aer. 2 no.1 58-60 Ja-F '62.

Meteorological observations during the total solar eclipse of February 15, 1961, in Volgograd Province. B.D. Fomenko. Biul. VAGO no.32:32-34 '62.

Observation of atmospheric ozone during the solar eclipse of February 15, 1961. R.S. Stebleva. Geomag. aer. 2 no.1:148-152 Ja-F '62

Observation of the total solar eclipse of February 15, 1961, in the western Crimea A.A. Kaverin, V.F. Solov'ev. Biul. VAGO no.32:44 '62.

Some results of the observations of the total solar eclipse of February 15, 1961. K.P. Matsukov. Biul. VAGO no.32:40-43 '62.

ECOLOGY

Direct and indirect action of factors on the organism. B.G. Ioganzen. Vop. ekol. 4:28-30 '62.

Factors in ecology and the principles of their classification. A.S. Monchadskii. Vop. ekol. 4.57-58 '62.

Geochemical ecology. V.V. Koval'skii. Vop. ekol. 4: 37-38 '62.

Intraspecific ecologic changes in organisms. E.I. Lukin. Vop. ekol. 4:49-51 '62.

Methods of studying the effect of vertebrates on the vegetative cover and soils. A.G. Voronov. Vop. ekol. 4.96-98 '62.

Radioecology. A.A. Peredel'skii. Vop. ekol. 4:65-67 '62.

Water reservoir as a biotope. G.B. Mel'nikov. Vop. ekol. 4:53-55 '62.

ECOLOGY—CONGRESSES

From the Organizational Committee of the Fourth Ecologic Conference. Vop. ekol. 4:5 '62.

ECONOMIC ASSISTANCE

Skachkov, S.A., V. Sergeev, and G. Shevlakov. [Aid and cooperation in the name of peace; Soviet economic cooperation with the countries of Asia, Africa, and Latin America] Pomoshch' i sotrudnichestvo vo imia mira; ekonomicheskoe sotrudnichestvo SSSR so stranami Azii, Afriki i Latinskoi Ameriki. Moskva, Gospolitizdat 1962. 54 p. (Bibliotechka vneshnei politiki SSSR)

ECONOMIC ASSISTANCE, COMMUNIST

Cooperation of the world socialist system with underdeveloped countries. G. Prokhorov. Vop. ekon. no.11:77-86 N '62.

ECONOMIC DEVELOPMENT
(see also subdivision under Uzbekistan)

How the theorists of "economic dynamics" attempt to solve the growth problem of capitalist production. L. Alievskaia. Nauch. dokl. vys. shkoly; ekon. nauki 5 no.6:74-85 '62.

ECONOMIC HISTORY

Kriven', P.V., I.S. Dziubko, and V.I. Chuntulov, eds. [Economic history of foreign countries] Ekonomicheskaia istoriia zarubezhnykh stran, kurs lektsii. [Kiev] Izd-vo Kievskogo univ.

Pt.2. [From the 1870's to the present time] Ot 70-kh godov XIX v. do nastoiashchego vremeni. 1961. 387 p.

Two worlds and two situations; facts and figures. Komm. Ukr. 38 no.10:78-79 O '62.

ECONOMIC RESEARCH

The building of communism and the tasks of economics. Vop. ekon. no.11:3-12 N '62.

Conference of economics laboratory workers. G.N. Andrianov. Vest. vys. shkoly 20 no.11:53-54 N '62

ECONOMICS
(see also subdivision under Ukraine)

Academician E. Varga's studies of contemporary capitalism. A. Mileikovskii. Nov. vrem. 20 no 48:12-14 N '62.

"Against the bourgeois falsifications of socialist economic theory" by S.A. Khavina. Reviewed by G. Khrapashin. Vop. ekon. no.11:143-147 N '62.

Akademiia nauk SSSR, Institut ekonomiki. [Economics; textbook] Politicheskaia ekonomiia; uchebnik. 4., perer. i dop. izd. Moskva, Gospolitizdat, 1962. 702 p.

Bautina, N.V., ed. [Economic laws of the transition from socialism to communism] Ekonomicheskie zakonomernosti perekhoda ot sotsializma k kommunizmu. Moskva, Ekonizdat, 1962. 291 p.

Moscow. Akademiia obshchestvennykh nauk. [Developing economic theory in the light of the decisions of the 22d Congress of the CPSU] Razvitie ekonomicheskoi teorii v svete reshenii XXII s"ezda KPSS. Pod red. Kuz'minova I.I., Lobedeva V.G., Smoldyreva E.A. Moskva, Izd-vo VPSh i AON, 1962. 249 p.

"Problems of economic theory in V.I. Lenin's work," edited by N.G. Pospelova. Reviewed by L. Abalkin, V. Metylev, P. Savchuk. Nauch. dokl. vys. shkoly; ekon. nauki 5 no.6:109-116 '62.

Savchenko, S.G. [Man is the most important productive force of human society] Liudyna - holovna produktyvna syla suspil'stva. Kyiv, Tovarystvo dlia poshyrennia polit. i naukovykh znan' URSR, 1962. 43 p.

ECONOMICS—AUDIO-VISUAL AIDS

Kovaleva, A. F., and others, comps. [Album of visual aids on economics, the section "Socialism"] Al'bom naglyadnykh posobii po politicheskoi ekonomii, razdel "Sotsializm." [Leningrad] Gospolitizdat, 160 40 plates (in portfolio)

ECONOMICS—BIBLIOGRAPHY see Bibliography—Economics

ECONOMICS—PERIODICALS

Practice in research publications. D. Valentei. Vop. ekon. no.10:154-155 O '62.

ECONOMICS—STUDY AND TEACHING

Give serious attention to the economic training of personnel. A. Il'ichev. Ekon.sel'khoz. 33 no.10:113-115 O '62.

Let's introduce new features into the methodology of teaching economics. D. IA. Bregel' and others. Vest. vys. shkoly 20 no. 11.67-74 N '62.

New programs on economics. V.N. Semenkov. Sred. spets. obr. 9 no 10.33-36 O '62

Problems in teaching courses in applied economics. A. Konson. Vop.ekon. no.10.155-166 O '62.

Supply the national economy with trained economists. Plan khoz 39 no 11 1-7 N '62

ECONOMICS—TEXTBOOKS

New edition of economics textbooks. Vop.ekon. no.10 156 O '62.

ECONOMICS, MATHEMATICAL

Mathematical methods for the optimum distribution of enterprises in the multistage production and consumption systems. V.Mash. Vop.ekon. no.10:75-86 O '62.

Mathematics and planning; some problems of the practical application of economic and mathematical methods and calculation techniques. L.M. Gatovskii, N.I. Kovalev. Vest. AN SSSR 32 no.11:42-52 N '62.

Use of mathematical methods in establishing an efficient variant of capital investments. V. Beshenkovskii. Nauch. dokl. vys. shkoly, ekon. nauki 5 no.6:49-55 '62.

ECZEMA

Treatment of eczema and neurodermatitis with hydrocortisone ointments. A.A. Kalamkarian. Sov. med 26 no.6:124-125 Je '62.

EDEMA

Dependence of the degree of edema on the hyaluronidase activity of the blood serum in nephropathies in children I. N Usov. Zdrav Bel 8 no 2 21-26 F '62

Use of hypothermia in cerebral edema after an operation on the heart with artificial blood circulation [with summary in English]. A.S. Libov and others. Vest. khir. no.5:78-81 '62.

EDUCATION

(see also subdivision under Afghanistan; Chuvashia; Kazakhstan; Mari A. S. S. R.; Orenburg; Rumania; Scandinavia, Turkestan, Ukraine, United States; Uzbekistan)

Brief news Nar obr no 11 109 N '62

Communist Youth League and schools. Sov. pedag. 26 no.6:5-13 Je '62.

Democratism and collectivity are the most important traits of school life. Nar. obr. no. 12.1-7 D '62.

In the Academy of Pedagogical Sciences. Nar. obr. no. 11:125 N '62.

In the Ministry of Education of the R. S. F. S. R. Nach. shkola 39 no. 11:95-96 N '62.

Most important features of social and cultural services in capitalist countries. E I. Kuz'mina. Och po sovr. sov. i zarub. ekon. no. 3-285-298 '62.

Official announcements on problems of the Soviet school. T. H. Mat. i soob. Inst. old. Inst. po izuch. SSSR no. 37: 51-53 S '62.

"Pictorial atlas" by Robert Alt. Reviewed by V. Kumarin. Nar. obr. no. 11:117-119 N '62.

Pidkasistyi, P. I. [N. K. Krupskaia on the educational contents in the Soviet school] N. K. Krupskaia o soderzhanii obrazovaniia v sovetskoi shkole. Pod red. I. V. Chuvasheva. Moskva, Uchpedgiz, 1962. 231 p.

Romisova, T. A. [Educational and cultural work in the R. S. F. S. R.; 1921-1925] Kul'turno-prosvetitel'naia rabota v RSFSR; 1921-1925 gg. Moskva, Izd-vo Akad. nauk SSSR, 1962. 254 p.

"What Ivan knows that Johnny doesn't" [in English] by Arthur S. Trace. Reviewed by I. K. Ekgol'm. Sov. pedag. 26 no. 6:137-145 Je '62.

EDUCATION—BIBLIOGRAPHY see Bibliography—Education

EDUCATION—FINANCE

Potekhin, L. V., I. B. Rozenfel'd, and N. E. Itin. [Planning expenditures for social and cultural measures] Planirovanie raskhodov na sotsial'no-kul'turnye meropriiatiia. Moskva, Gosfinizdat, 1962. 286 p.

EDUCATION—PERIODICALS

Read it in the periodicals. Nar. obr. no. 11:122 N '62.
Read it in the periodicals. Nar. obr. no. 12:125 D '62.

EDUCATION—YEARBOOKS see subdivision under Germany, East

EDUCATION, COMPULSORY see subdivision under Bryansk Province, Volgograd Province

EDUCATION, COOPERATIVE

(see also subdivision under Omsk, Rostov Province, Sverdlovsk Province, Tula Province)

Be more daring in carrying out the work education of students. M. Skatkin Nar. obr no. 12:30-39 D '62

Educational work in classes with industrial training E. V. Pentina Rad. shk 41 no 11:54-59 N '62

Friendship tested by time. E Solov'eva Nar. obr. no 12 81-82 D '62.

Our interview. Sred. spets. obr 9 no. 10 18-23 O '62.

Rights and responsibilities of the head of the industrial training department. M. I. Koba, IU Z. Il'bukh Rad shk. 41 no 11 51-54 N '62

Solved and unsolved problems of industrial training K Pavlenkov Nar obr no 11 46-49 N '62.

Technical schools should have teachers well acquainted with production. G A. Bushmich, A A. Novikov, A. I. Novodvorskis. Vest. vys shkoly 20 no 11:25-35 N '62.

Tochin, A. E. [Study and work go side by side] Ucheba i trud riadom idut, iz opyta organizatsii proizvodstvennogo obucheniia v 11-letnei shkole No. 50 g. Minska. Minsk, 1962. 31 p. (Obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii Belorusskoi SSR, no. 20)

Various methods of uniting instruction and production assignments in school workshops. L M Baslak. Rad. shk. 41 no. 10 28-32 O '62.

Work training as a basis of communist education. L. E. Ventskovskii. Fiz. v shkole 22 no. 2:19-24 Mr-Ap '62.

EDUCATION, ELEMENTARY

(see also subdivision under Ukraine, White Russia)

We should train a communist generation from an early age. K. G. Burskaia Nach shkola 30 no. 11:35-41 N '62

EDUCATION, HIGHER

(see also subdivision under Africa; Switzerland)

Higher education and international contacts. I Malek, A. Baez. Vest. vys. shkoly 20 no. 11:11-18 N '62.

EDUCATION, HIGHER—CONGRESSES

International symposium of scholars. M. Bernshtein. Nar obr. no 12:126-128 D '62

EDUCATION, PRESCHOOL

Collective forms take care of tots. V. Plakhtiurina Nar. obr. no 12:16-17 D '62.

Surovtseva, A. V., ed. [Preschool pedagogics] Doshkol'naia pedagogika. Moskva, Uchpedgiz, 1962. 381 p.

EDUCATION, RURAL see subdivision under Uzbekistan

EDUCATION OF WOMEN

N. A. Vyshnegradskii and his role in the development of women's education in Russia; 1821-1872 V. P. Lapchinskaia. Sov. pedag. 26 no 6.112-124 Je '62.

EDUCATIONAL LAW AND LEGISLATION

Legal characteristics of regulations on the work of Soviet educational personnel. E. Zhanabilov. Trudy Inst. filos. i prava AN Kazakh. SSR 6:114-120 '62.

EDUCATIONAL PSYCHOLOGY

"The process of education" by J. Bruner. Reviewed by M. Shurko Nar obr. no 12-111-113 D '62

"Psychology of the student's assimilation of history." Reviewed by A. S. Vasil'eva. Prep. ist. v shkole 17 no. 5:108-109 S-O '62.

EDUCATIONAL RESEARCH

Let's use the achievements of cybernetics in educational research and school practice. M. I. Rozenberg. Sov. pedag 26 no. 6:70-76 Je '62.

Setting up methodological research in a technical school A. P. Shapovalov. Sred. spets obr 9 no. 8 18-21 Ag '62

Versatile development of the spiritual needs of the younger generation. IU. V. Sharov, V. P. Shumov. Sov. pedag. 26 no. 6-25-32 Je '62.

EDUCATIONAL TESTS AND MEASUREMENTS

Determining the inclinations and abilities of students. A. Liferov. Shkola i proizv. 6 no 4:31 My '62.

EFFECT OF TEMPERATURE ON METALS see Metals, Effect of temperature on

EFFICIENCY, INDUSTRIAL

(see also subdivision under Armenia; Moscow; Ukraine)

Additional pledges. - M. I. Poltorak. Khleb. i kond. prom. 6 no. 11:6-7 N '62.

Address of the collective of the "V. I. Lenin" Electric Machinery Plant to the collectives of industrial enterprises in Eriyan and Armenia, to all workers, engineers, technicians, and employees, and to all working people. Prom. Arm. 5 no. 10:3-4 O '62.

Daringness P Baturin Sov. shakht 11 no. 11-4-5 N '62

Good name of Soviet toilers Aliaksandr Mironau. Rab. i sial 38 no. 11:1-2 N '62.

"Great initiative" by N. F. Shevchenko. Reviewed by V. P. Sydorenko. Ukr. ist. zhur. no. 4:131-132 Jl-Ag '62

The high calling of the "builders of communism." Komm. Ukr. 38 no. 10:25-23 O '62.

The most valued features I. Kozlova Agitator no. 21 14-18 N '62.

Our efficiency promoters. A I Maltsev Khleb i kond. prom 6 no 11 34-35 N '62

Palyvoda, S., ed. [The most important objective of the party] Naiholovnisha turbota partii. L'viv, Knyzhkovo-zhurnal'ne vyd-vo, 1960 107 p.

Rokk, Edmund. [Handbook for inventors and efficiency promoters] Leiutaja ja ratsionalisaatorija kasiraamat. Tallinn, Eesti Riiklik Kirjastus, 1962. 334 p. [In Estonian]

A seven-hour assignment accomplished in six hours P F. Solov'ev. Khleb. i kond. prom 6 no. 11:7 N '62

The seven-year plan fulfilled in four years. V I. Klapovskii Khleb i kond. prom. 6 no 11: 8-10 N '62

Vyrypaev, A. M., and N. V. Iatlai. [Primary organization of a scientific and technical society] Pervichnaia organizatsiia nauchno-tekhnicheskogo obshchestva Izd-vo Profizdat, 1962. 62 p. (Bibliotechka profsoiuznogo aktivista, no. 20[44])

Zagiada, N. G., I. D Leonov, and V. A. Karpinskii. [Soviet people are the builders of communism] Sovetskie liudi - tvortsy kommunizma. Moskva, Gospolitizdat, 1962. 30 p.

EGGPLANT see subdivision under Ukraine

EGGS

Obtaining protein preparations from duck eggs in order to determine their tryptophan and methionine content. O. IU. Nikitina. Nauk. pratsi Ukr. nauk -dosl. inst. ptakh 9 no. 1:140-142 '61.

EGOROV, ALEKSANDR IL'ICH, 1883-1939

Biography of Marshal A. I. Egorov. N. IA. Kopylov Ist. arkh. 8 no. 1 200-207 Ja-F '62.

EGYPT—FINANCE

From Karl Marx's unpublished manuscripts. Nar. Az. i Afr. no 6:53-66 '62

EGYPT—TECHNICAL ASSISTANCE, RUSSIAN

Aswan as a symbol of friendship among peoples. P. Belaev. Vnesh. torg. 42 no. 11 36-40 '62.

EIGENFUNCTIONS

Remarks concerning the growth of eigenfunctions of self-adjoint operators. IU. M. Berezanskyi, IU. B. Orochko Ukr. mat. zhur. 14 no. 2:180-184 '62.

EIGENVALUES

Application of LR and AP algorithms in the triangular exponential method to matrices divided into squares. Trudy Mat. inst. 66:136-146 '62.

Computation methods for solving the generalized eigenvalue problem. V. N. Kublanovskaia, V. N Faddeeva. Trudy Mat inst. 66:147-165 '62.

Solution of the problem of eigenvalues for an arbitrary matrix. V. N Kublanovskaia Trudy Mat. inst 66: 113-135 '62

ELASTIC PLATES AND SHELLS

Approximate determination of the critical compression force of a shallow shell with double curvature. Sh Kh IAngurazov. Sbor. nauch. -issl. rab. TTI no. 12:259-266 '61.

Approximate solution of the basic differential equation in the theory of cylindrical shells. I. M. Pirogov. Izv. vys. ucheb. zav.; mashinostr. no. 6:137-145 '62.

Calculations for a cylindrical shell taking into account the elastic pliability of the supporting diaphragms. M. N. Odintsov. Stroi. mekh. i raschet. soor. 4 no. 5: 1-7 '62.

Flexure of a three-layered thick plate. A. P. Melkonian. Izv. AN Arm. SSR. Ser. fiz.-mat. nauk 15 no. 5, 41-57 '62.

Practical methods of designing thin shells for stability. B. M. Broude. Trudy TSNIISK no. 13:38-69 '62.

Propagation of flexural oscillations of finite amplitude in a plane plate. L. A. Viktorov. Akust. zhur. 8 no. 3: 363-364 '62.

Use of Markov processes in the statistical theory of the stability of shells. V. M. Koncharenko. Ukr. mat. zhur 14 no. 2:198-202 '62.

ELASTIC PLATES AND SHELLS—VIBRATION

Approximate method of determining the frequency of natural vibrations of the part of a shell with double curvature. Sh. Kh. IAngurazov. Sbor nauch. -issl. rab. TTI no. 12:267-274 '61.

ELASTIC RODS AND WIRES

Deformation calculation of thin-walled rods for transverse load [with summary in English]. A. A. Derkachev, B. F. Sukharevskii. Trudy Inst. seism. stroi. i seism. 9:5-15 '61.

ELASTIC RODS AND WIRES (Continued)

Flexural vibrations of rods in nonlinear elasticity theory. A.Sh.Asaturian, P.M.Kichaev. Izv.AN Arm.SSR,Ser. fiz.-mat.nauk 15 no.5:27-39 '62.

Kachurin, V.K. [The theory of suspension systems; static analysis] Teoriia visiachikh sistem, statisticheskii raschet Leningrad, Gosstroiizdat, 1962. 222 p.

Solution of some problems of the dynamic stability of thin-walled rods (with summary in English). A.A. Derkachev, D.G.Bibarsova, B.B.Beglev. Trudy Inst.seism stroi i seism, 9 119-136 '61.

Solution to the problem of the flexure of anisotropic prismatic rods with symmetrial profiles. V.S.Sarkisian. Izv.AN Arm.SSR,Ser.fiz.-mat.nauk 15 no.5 59-66 '62.

Stability beyond the elastic limit of eccentrically compressed thin-walled rods of open profile. G.M.Chuvikin. Trudy TSNIISK no.13 70-159 '62.

The stability of compressed rods of brittle and plastic materials. I.I Tarasenko. Stroi.mekh.i rashch.soor. 4 no 5:24-27 '62.

The stability of elements of a compressed channel rod. B.M.Broude, E.V Borisov Trudy TSNIISK no 13. 160-172 '62

Study of the stability of trihedral open rods. V.I. Triflmov Trudy TSNIISK no.13 173-199 '62.

ELASTIC WAVES

Using the elastic waves from commercial blasting in the Urals for sounding the earth's core. N.I Khalevin, F.F. IUnusov. Izv.AN SSSR,Ser geofiz. no.11:1567-1573 N '62.

ELASTIC WAVES—SPECTRA

Spectrum of a segment of a sinusoid. V.G Gratsinskii. Izv.AN SSSR.Ser geofiz no.11:1552-1556 N '62.

ELASTICITY

Comparing the stiffness of various type yarns in case of tension A.N Solov'ev Izv.vys ucheb zav., tekh. tekst prom no 5 17-20 '62

Elasticity modulus of carbon steel. R.B.Gershman, E N Mel'nikova, [Sbor.trud.] Nauch.-issl inst.met. no.4.151-153 '61

Seimov, V.M. [Design of beam slabs on elastic foundations taking into account the forces of friction due to contact] Rozrakhunok balochnykh plyt na pruzhnii osnovi z vrakhuvanniam syl tertia po kontaktu. Kyiv, Vyd-vo Akad. nauk URSR, 1962. 107 p.

Solving a two dimensional dynamic problem in the theory of elasticity by the methods of fundamental functions. T. Azhymudinov. Izv.AN Uz.SSR Ser fiz.-mat.nauk 6 no.5 5-13 '62

ELASTOMERS—TESTING

Comparison of various equations for the deformation of network polymers with experimental data [with summary in English] L A Vishnitskaia, G M Bartenev Vysokom soed 4 no 9 1324-1332 S '62

ELBRUS, MOUNT—AERIAL PHOTOGRAMMETRY

Phototheodolite operations on Mount Elbrus between 1955 and 1958. A V. Briukhanov. Inform. sbor. o rab. Geog fak. Mosk. gos. un po Mezhdunar. geofiz. godu no.7,14-61 '61.

ELBRUS, MOUNT—GLACIERS

Determination of the change in the area of a glacier as exemplified by Irik Glacier on Mount Elbrus between 1956 and 1959. I. A. Lappo. Inform. sbor. o rab. Geog. fak. Mosk. gos. un po Mezhdunar. geofiz. godu no. 7 139-155 '61

Stereophotogrammetric determinations of the surface speeds of ice movement in glaciers on the northern slope of Mount Elbrus. IU. F. Knizhnikov Inform. sbor. o rab. Geog. fak. Mosk. gos. un. po Mezhdunar. geofiz. godu no. 7.62-97 '61.

ELBRUS, MOUNT—GLACIERS—MAPS

Glaciation map of Mount Elbrus. I A. Lappo. Inform. sbor. o rab Geog. fak Mosk. gos un po Mezhdunar. geofiz. godu no. 7-98-105 '61.

Use of terrestrial stereophotogrammetric surveying and aerial surveying to compile a glaciological and geomorphological map of Mount Elbrus. V. I. Kravtsova Inform. sbor. o rab. Geog. fak. Mosk. gos. un. po Mezhdunar. geofiz. godu no. 7:106-138 '61.

ELBRUS, MOUNT—GLACIERS—SPECTRA

Spectrophotography of snow, firn, and ice on Mount Elbrus. S. I. TSuprun. Inform. sbor. o rab. Geog. fak. Mosk. gos. un. po Mezhdunar. geofiz. godu no. 7.164-168 '61.

ELBRUS, MOUNT—LANDSLIDES

Use of twin-lens cameras to study solifluction processes. IU. F. Knizhnikov. Inform sbor. o rab. Geog. fak. Mosk. gos. un. po Mezhdunar. geofiz. godu no. 7-156-163 '61.

ELBRUS, MOUNT—RELIEF MAPS

Use of terrestrial stereophotogrammetric surveying and aerial surveying to compile a glaciological and geomorphological map of Mount Elbrus. V. I. Kravtsova. Inform. sbor. o rab. Geog. fak Mosk. gos. un. po Mezhdunar. geofiz. godu no. 7.106-138 '61.

ELBRUS, MOUNT—VOLCANOES

Age of the last eruptions of Mount Elbrus. N. V. Koronovskii, L. M. Rudakov. Izv. vys. ucheb. zav.; geol. i razv. 5 no. 8:133-135 Ag '62.

ELECTION LAW

(see also subdivision under Kazakhstan, Udmurt A. S. S. R.)

Nyzhnyk, V. E. [What Soviet voters should know about elections] Vyborytsiam - pro vybory. Kyiv, Derzh. vyd-vo polit. lit-ry URSR, 1961. 34 p.

ELECTIONS see subdivision under France; United States

ELECTRIC ANESTHESIA

Electrosleep as a method of neurotropic therapy of hypertension [with summary in English]. G. V Sergeev. Sov. med. 26 no. 10:42-16 O '62.

ELECTRIC APPARATUS AND APPLIANCES

Performance of electrical equipment designed for operation in tropical climates. V A Baev, V V Maslov, M L. Olzhakhovskii. Vest. elektroprom. 33 no 7:30-35 Jl '62.

ELECTRIC APPARATUS AND APPLIANCES—SAFETY MEASURES

Khorunzhii, V. A., IU. M. Ribas, and S. S. Nedoseckov. [Explosion-proof electrical equipment] Vzryvozashchishchennoe elektrooborudovanie. Moskva, Gosenergoizdat, 1962. 319 p.

ELECTRIC ARC

Conference on the physics of the welding arc N N Rykalin, A. A Erokhin Avtom svar 15 no 10 95 O '62.

Measuring the temperature of a mercury arc by Bartels's method [with summary in English]. M V. Volk-Levanovich. Inzh.-fiz. zhur. 5 no. 8:87-89 Ag '62.

New methods for the automatic setting of an arc-quenching coil A. P. Trukhan Avtomatyka 7 no. 5 53-55 '62.

Recovery strength of the arc-gap in slit chambers. I. S. Taev. Vest. elektroprom. 33 no 7 65-69 Jl '62.

Role of diffusion in processes involving the penetration of substances into a discharge cloud IU P. Polilui', Opt i spektr 13 no 2 270-272 Ag '62

Spectral analysis of iron ore, agglomerate, and blast-furnace slag in a "sounding" direct-current arc. M. N. Shtuman and others. Zav. lab. 28 no. 11:1330-1332 '62.

ELECTRIC BRUSHES see Brushes, Electric

ELECTRIC CABLES

(see also subdivision under Kuybyshev)

Automatic determination of the location of the damage in the lead sheathing of a cable. B. Z. Tomchin. Avtom., telem. i sviaz' 6 no. 11:32-33 N '62.

Chill casting of cable jointing sleeves. B. Z. Tomchin, A. V. Mikushko. Vest. sviazi 22 no. 10:18-19 O '62.

ELECTRIC COILS

New methods for the automatic setting of an arc-quenching coil A. P. Trukhan. Avtomatyka 7 no. 5:53-55 '62.

Three-phase choke with a solid magnetic circuit. M. B Konovalov. Vest. elektroprom. 33 no. 7:60-64 Jl '62.

ELECTRIC CONDUCTIVITY

Superposition of a high-voltage polarization e. m. f. in dielectrics. M. L. Chetkarov. Fiz. tver. tela 4 no. 8: 2279-2280 Ag '62.

ELECTRIC CONDUCTORS

Thermoelectric method for measuring small temperature drops in conducting media. Vanbo Pak. Zav. lab. 28 no. 11:1349-1350 '62.

ELECTRIC CONTACTORS

Increase in the life of regulator contactors of the electric motors of telegraph apparatus. O. B. Pevzner and others. Vest. sviazi 22 no. 10:14-15 O '62.

Noncontact device for controlling a. c. contactors. V. P. Sahadashev, V. T. Zagorodniuk. Trudy NPI 124:11-18 '62.

Vladimir Vasil'evich Usov; on the 30th anniversary of investigating contact materials in the U. S. S. R. N. Z. Pozdniak Porosh. met. 2 no. 5:114-115 S-O '62

ELECTRIC CONTROLLERS

Network of a start-initiating unit for long-distance signaling devices. V.B.Gorsasimov. Trudy NPI 124:19-22 '62.

ELECTRIC CURRENT COLLECTORS

Using polyethylene for electric insulation of rods of trolley bus current collectors. N. Vol'vak. Zhil.-kom. khoz. 12 no. 11:21-22 N '62.

ELECTRIC CURRENT CONVERTERS

Calculation of the magnetic circuits of electrical machines with two rotating fields. M. S. Mikhailov-Mikulinskii. Izv. vys. ucheb. zav.; elektromekh. 5 no. 10: 1115-1131 '62.

Methods for automatic voltage control of self-regulated autonomous ionic frequency converters. S. M. Katsnel'son, G. K. Shvarts. Elektrichestvo no. 11:71-76 N '62.

Transistorized PPSh-62 Sov converter. IU. V. Grigor'ev, IU. A. Milinkov. Avtom., telem. i sviaz' 6 no. 11:40-41 N '62.

ELECTRIC CURRENT RECTIFIERS

High-voltage rectifier. V. T. Cherioshovskii. Fiz. v shkole 22 no. 2:52-53 Mr-Ap '62.

Linearization of a sawtooth voltage by means of transistor devices. Izv. vys. ucheb. zav., radiotekh. 5 no. 5 645-646 S-O '62.

Method of calculating stationary electromagnetic processes in single-phase sectionalized rectifier circuits I Biznieks. Izv. AN Latv. SSR no. 4 53-62 '62

ELECTRIC CURRENTS—GROUNDING

Changes in the "Instructions on grounding movable construction machinery and an electric instrument." Biul. stroi tekh 19 no 5:14-16 My '62

Problems concerning protective grounding in low-voltage networks. N. F. Shishkin, G. V. Mindell. Elektrich. stva no. 11:78-82 N '62.

ELECTRIC CURRENTS, EDDY

Detection of fatigue cracks in nonmagnetic materials by means of eddy currents. IU. S. Danilov, IA. A. Rubiev. Zav. lab. 28 no. 11:1342-1345 '62.

ELECTRIC CUTOUTS

Attachment to a rod for changing PKN-6 fuses. P. P. Danilov. Avtom., telem. i sviaz' 6 no. 11:30 N '62.

How to prevent faulty switching operation of the AB 2/3 and AB-2/4 feeder switches. A. V. Lazarenko, V. P. Ivanov. Elek. i tepl. tiaga 6 no. 10:15-16 O '62.

Spontaneous extinction of a d. c. arc in a vacuum-type cutout. V. D. Andreev, B. M. Meshcheriakov, M. A Tulina. Vest. elektroprom. 33 no 7:43-45 Jl '62

ELECTRIC DIPOLE MOMENTS see Dipole moments

ELECTRIC DISCHARGES

Furmanov, B. M. [Contribution to the theory of spark prevention in inductive electrical networks] K voprosu o teorii iskrobezopasnosti induktivnykh elektricheskikh tsepei; teknicheskaia informatsiia k diskussii po nauchnym osnovam iskrobezopasnosti. Moskva, In t gornogo dela im A. A. Skochinskogo, 1961. 57 p. [MICROFILM]

Parallel operation of controllable spark gaps. Z. V Zatenta, G. S. Kichaeva, P. I. Shkuropat' Zhur tekh fiz. 32 no. 11:1386-1391 N '62.

Smirnov, S. A., and F. F. Toroshchenko, comps. [Regulated electric dischargers for switching large impulse currents in high-voltage systems, abstracts for 1945-1961] Upravliaemye razriadniki dlia kommutatsii bol'shikh impul'snykh tokov v vysokovol'tnykh ustanovkakh; sbornik referatov, 1945-1961 gg. Moskva, Gosatomizdat, 1962. 85 p.

Study of molecular transformations in a natural gas caused by electrodeless high-frequency discharges S. V. Starodubtsev, Sh. A. Ablaev, L. G. Kozlin. Izv. AN Uz. SSR, Ser. fiz.-mat. nauk 6 no. 5 50-57 '62.

ELECTRIC DRIVING

Linear theory of a precision-type electric drive with a reference time indicator. V. A. Shpolinskii. Izv. AN SSSR, Otd. tekh. nauk, Energ. i avtom. no. 5:184-186 S-O '62.

Problems concerning electric drives with saturable reactors and semiconductor rectifiers. IU V Smirnov. Izv vys ucheb. zav., energ 5 no. 10:62-63 O '62

ELECTRIC ENGINEERING

Plan of research, experimental and design work in power and electric engineering for 1963. M. L. Levinshtein, P. N. Zhuravlev. Biul. tekh.-ekon. inform. (Gos. nauch.-issl. inst. nauch. i tekh. inform.) no. 11:78-80 '62.

ELECTRIC ENGINEERING—ABSTRACTS

[Electrical engineering and electric power] Ref. zhur. Elektrotekh. i energ. nos. 21-22 N '62.

ELECTRIC ENGINEERING—MATERIALS

Druzhinin, V. V. [Magnetic properties of electrical steel] Magnitnye svoistva elektrotekhnicheskoi stali Moskva, Gosenergoizdat, 1962. 310 p.

ELECTRIC ENGINEERING—SAFETY MEASURES

"Problem of safety in electric engineering" by V F Manoilov. Reviewed by B. Z. Vainshtein. Bezopasn. v prom. 2 no. 6 34 Je '62.

ELECTRIC ENGINEERING—STUDY AND TEACHING

Contents of degree projects N. I. Belianev. Sred. spets. obr. 9 no 8:29 Ag '62.

ELECTRIC EQUIPMENT INDUSTRY

(see also subdivision under Nizhne-Dneprovsk)

Lebedovskii, M. S. [Mechanizing the packing of transformers with laminar iron] Mekhanizatsiia nabivki transformatorov plastinchatym zhelezom. Leningrad, 1962. 24 p. [Leningradskii dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia: Mekhanicheskaia obrabotka metalla, no. 22)

Nedorezov, V. E. [Pledge of success] Zalog uspekha. [Leningrad] Lenizdat, 1961. 37 p.

Replies to S. M. IAkushev's article "What we expect from industry." D. A. Ivanov and others. Vest. sviazi 22 no. 10 25-26 O '62.

ELECTRIC FENCES

Acquainting students with the work of the "electric shepherd." G. T. Valiev. Fiz. v shkole 22 no 2:77 Mr-Ap '62

ELECTRIC FIELDS

Concerning M. Rancevich's article "Rationalizing of equations of an electromagnetic field" and L. R. Neiman's article "Relationships between unit values in rationalized and nonrationalized systems of equations of an electromagnetic field" M. Rancevich, L. R. Neiman Elektrichestvo no 11:91-93 N '62.

Effect of the orientation of molecules of fluids in an electric field on nuclear magnetic resonance [with summary in English]. A. M. Vasil'ev Zhur eksp i teor fiz. 43 no 4.1526-1528 O '62.

Theory of nonlinear magnetogalvanic effects in semiconductors [with summary in English] R. F. Kazarinov, V. G. Skobov. Zhur. eksp. i teor. fiz. 42 no 4 1047-1053 Ap '62.

Theory of the amplification of ultrasound by semimetals in electric and magnetic fields [with summary in English] R. F. Khazanov, V. G. Skobov. Zhur. eksp i teor. fiz 43 no 4 1496-1503 O '62

ELECTRIC FILTERS

Automatic optimal filtration. A. A. Goraskii. Izv. AN SSSR. Otd. tekh. nauk. Energ. i avtom. no. 5 107-117 S-O '62.

ELECTRIC FREQUENCY MEASUREMENTS see Frequency measurements

ELECTRIC FURNACES

Automatic current regulator for controlling the electrode of an arc furnace. V. S. Povolotskii, A. S. Reizlin. Gor. zhur. no. 6:75-76 Je '62.

Controlling the gaseous phase composition in an electric furnace by means of an air curtain. N. M. Chuiko, A. T. Pervitzko, E. L. Moshkevich. Met. i gornorud. prom. no. 2:15-18 Mr-Ap '62.

"Efficient operating conditions of steel smelting arc furnaces" by A. N. Sokolov. Reviewed by L. I. Aronov. Stal' 22 no. 9 811-812 S '62.

Electric furnace for making AN-T type fluxes. I. A. Baks, L. M. Berson, A. I. Kontsov. Svar. proizv. no. 5 26 Ag '62.

Lining of vacuum and open induction smelting furnaces. M. G. Trofimov. Lit. proizv. no. 8 14-15 Ag '62.

Local air suction from electrosmelting furnaces. A. A. Kosolapov, A. A. Karpas. Lit. proizv. no. 8:37-38 Ag '62.

Sokolov, A. N. [Saving of electric power in electric-arc steel-smelting furnaces] Ekonomiia elektroenergii pri ekspluatatsii dugovykh staleplavil'nykh pechei. Moskva, Gosenergoizdat, 1962. 120 p. (Biblioteka elektrotermista, no. 10)

ELECTRIC FURNACES—COOLING

Improving water-cooling systems for the DSP-1.5 electric arc furnaces. B. M. Gatsin, N. V. Kaglev, G. N. Nebdatlo. Lit. proizv. no. 8:39-40 Ag '62.

ELECTRIC FURNACES—DESIGN AND CONSTRUCTION

Smelianskii, M. IA., and K. D. Gutterman. [Design and operation of vacuum arc furnaces] Rabochii protsess i raschet vakuumnykh dugovykh pechei. Moskva, Gosenergoizdat, 1962. 111 p. (Biblioteka elektrotermista, no 12)

ELECTRIC GENERATORS

Steady-state flow of an electrically conductive gas in the channel of a magnetohydrodynamic generator with constant voltage along the electrodes. IU. F. Sokolov. Izv. AN SSSR. Otd. tekh. nauk. Energ. i avtom. no. 5, 15-48 S-O '62.

ELECTRIC HEATING

Studying the temperature field of the electric resistance heating of stuffing for sausage product. A. J. Vaikutyte. Izv. vys. ucheb. zav. ;pishch. tekh. no. 4:49-52 '62.

ELECTRIC HOUSEHOLD APPLIANCES see Household appliances, Electric

ELECTRIC INDUSTRIES see subdivision under Andizhan

ELECTRIC INSTRUMENTS

Contact plug with longitudinal-flexure pickups. P. U. Markov. Izm. tekh. no. 9,14-16 S '62.

Device for measuring the deflection of bore holes in directed boring. G. F. Bykhovets, S. I. Khmyz, L. A. Shubin. Izm. tekh. no. 9:16-17 S '62.

Displacement pickup with electric-spark recording. V. V. Nikiforov. Izm. tekh. no. 9:17-18 S '62.

Principles of the construction of automatic electric measuring instruments for studying the kinetics of slow thermal processes [with summary in English] V. A. Levidov. Inzh.-fiz. zhur. 5 no. 8:66-70 Ag '62.

ELECTRIC INSULATORS AND INSULATION

Device for braiding electric wire insulation. A. TSygankov. Shkola i proizv. 6 no. 5,82-83 My '62.

Mazurin, O. V. [Electrical properties of glass; domain of weak fields] Elektricheskie svoistva stekla. Leningrad, 1962. 161 p. (Leningrad, Tekhnologicheskii institut. Trudy, no. 62)

ELECTRIC LAMPS

Brightness of tubular and spherical pulsed lamps V. P. Kirsanov, V. A. Gavanin, I. S. Marshak Opt. i spektr. 13 no. 2 276-280 Ag '62

Multilamp source of modulated light for a pulsed taumeter N. A. Tolstoi, M. V. Epifanov Opt. i spektr. 13 no. 2.291-294 Ag '62.

ELECTRIC LIGHTING

Shaikevich, A. S. [Quality of industrial electric-lighting systems and methods for their improvement] Kachestvo promyshlennogo osveshcheniia i puti ego povysheniia. Moskva, Gosenergoizdat, 295 p.

ELECTRIC LINES

Concerning the problems of long-distance electric power transmission. I. A. Syromiatnikov. Elektrichestvo no. 11:13-20 N '62.

Sovershchanie po lapol'zovaniiu silovykh setei dlia tseleĭ telemekhaniki i sviazi, Leningrad, 1961. [Use of electric power networks for transmitting information] Ispol'zovanie silovykh setei dlia peredachi informatsii; materialy. Moskva, Izd-vo Akad. nauk SSSR, 1962. 98 p.

ELECTRIC LINES—OVERHEAD

Determination of the effect of impulse corona on the magnitude of coupling coefficients between the wires of high-voltage lines and grounding wires B. N. Kondra Izv. vys. ucheb. zav., energ 5 no 10:13-21 O '62.

Problem concerning the prospective voltage step-up of overhead electric power transmission lines. G. N. Aleksandrov, M. V. Kostenko, I. F. Polovoi. Elektrichestvo no. 11:20-25 N '62.

Some stationary processes in compensated electric power transmission lines with intermediate power takeoff. G. E. Alekseenko, O. B. Tolpygo. Izv. vys. ucheb. zav., energ 5 no. 10.1-4 O '62.

ELECTRIC LINES—POLES AND TOWERS

Concreting wire-mesh reinforced supports for electric transmission lines on long stands I. Cherkasskii, M. Nevlev Stroi. i arkhit 10 no 10 24-26 O '62.

Sealing joints in poles. O. Shitikov. Stroitel' 8 no. 10,6 O '62.

ELECTRIC LINES—TESTING

Determination of maximum permissible contact resistances in the presence of insulation damage. I. A. Pal'ikozhka. Vest. sviazi 22 no. 10 8-9 O '62.

ELECTRIC LOCOMOTIVES

Electrical networks of the ChS2 electric locomotive. V. A. Rakov. Elek. i tepl. tiaga 6 no. 10,25-29 O '62.

Electropneumatic brake of the N60P electric locomotive. V. L. Melikhov, A. L. Pollakov. Elek. i tepl. tiaga 6 no. 10 8-9 O '62.

Evtseev, I. P., S. I. Osipov, and M. P. Pustovoitov. [The ChS1 and ChS3 electric passenger locomotives] Passazhirskie elektrovozy ChS1 i ChS3. Moskva, Transzheldorizdat, 1962. 159 p.

Experience in work on the N60 electric locomotive. A. S. Fadeev. Elek. i tepl. tiaga 6 no. 10:28-31 O '62.

Relay-type differential protection of an a. c. locomotive. A. S. Zasypkin. Izv. vys. ucheb. zav. ;elektromekh. 5 no. 10:1159-1174 '62.

Study of the performance of a short-circuit protection system of an a. c. locomotive. V. V. Nechitailov. Izv vys. ucheb. zav. ;elektromekh. 5 no. 10:1160-1167 '62.

ELECTRIC LOCOMOTIVES—DESIGN AND CONSTRUCTION see subdivision under Communist Countries

ELECTRIC LOCOMOTIVES—MAINTENANCE AND REPAIR

Pay more attention to safety measures in work on a. c. locomotives. IU. G. Sibarov. Elek. i tepl. tiaga 6 no. 10:2-3 O '62.

ELECTRIC LOCOMOTIVES—REPAIRING

A method for locating short-circuits in the electrical networks of locomotives. N. A. Palnin, A. S. Kozlov. Elek. i tepl. tiaga 6 no. 10:22-23 O '62.

ELECTRIC LOCOMOTIVES—SAFETY MEASURES

Pay more attention to safety measures in work on a. c. locomotives. IU. G. Sibarov. Elek. i tepl. tiaga 6 no. 10:2-3 O '62.

ELECTRIC LOCOMOTIVES—WELDING

Automatic system for built-up welding of tire combs without removal of the wheel pairs. IU. F. Bobyshev. Elek. i tepl. tiaga 6 no. 10:17-18 O '62.

ELECTRIC MACHINERY

Calculation of the magnetic circuits of electrical machines with two rotating fields. M. S. Mikhailov-Mikulinskii. Izv. vys. ucheb. zav. ;elektromekh. 5 no. 10: 1115-1131 '62.

Experimental determination of the parameters of electrical machines with solid rotors. E. G. Kasharskii. Izv. vys. ucheb. zav. ;elektromekh. 5 no. 10:1181-1185 '62.

ELECTRIC MACHINERY—COOLING

Hydraulic resistance of medium-sized electrical machines. A. I. Borisenko, A. I. IAkovlev. Izv. vys. ucheb. zav. ;elektromekh. 5 no. 10:1137-1144 '62

ELECTRIC MACHINERY—DIRECT CURRENT

Concerning the vibration of the brush system. N. A. Pavelko Vest. elektroprom. 33 no 7:54-56 Jl '62

Forcing of transient processes in the excitation networks of d. c. machines. V. M. Mamedov. Izv AN SSSR. Otd. tekh nauk Energ. i avtom. no. 5:23-30 S-O '62.

Modern d. c. machines and problems of commutation I. N. Rabinovich. Izv. vys. ucheb zav ,elektromekh. 5 no. 10:1188-1194 '62.

Use of frog-leg windings in large d. c. machines. M. N. Kurochkin. Izv. vys. ucheb. zav. ,elektromekh. 5 no. 10:1198-1208 '62.

ELECTRIC MACHINERY—MAINTENANCE AND REPAIR

Kovalskii, E. M. [Repair of electrical machinery] Remont elektricheskikh mashin. Izd. 5., peresm. i dop. Moskva, Gosenergoizdat, 1962. 287 p.

ELECTRIC MACHINERY—WINDINGS

Short-circuited turns in the loop windings of an asynchronous machine P. M. Ipatov, V. V. Dombrovskii, IU. L. TSirlin. Vest. elektroprom. 33 no. 7:36-43 Jl '62

Use of frog-leg windings in large d. c. machines. M. N. Kurochkin. Izv. vys. ucheb. zav. ;elektromekh. 5 no. 10:1198-1208 '62.

ELECTRIC MACHINERY, SYNCHRONOUS

Experimental determination of the parameters of synchronous machines using a frequency method. N. S. Siunov, M. S. Mikitaev, G. A. Kallistratov Vest. elektroprom. 33 no. 7:48-51 Jl '62.

Resistance of rotor and stator circuits of a salient-pole synchronous machine to higher harmonic currents. G. N. Ter-Gazarian. Elektrichestvo no 11:45-49 N '62.

ELECTRIC MACHINERY INDUSTRY

(see also subdivision under Armenia; Riga)

Semiautomatic machine for the bending of copper armature section heads. B. A. Ioffe, V. F. Zholavskii. Kuz.-shtam. proizv. 4 no. 11:32-34 N '62.

ELECTRIC MEASUREMENTS

A method for locating short-circuits in the electrical networks of locomotives. N. A. Palnin, A. S. Kozlov. Elek. i tepl. tiaga 5 no. 10:22-23 O '62.

ELECTRIC METAL CUTTING

Dumpe, V. E. [Electric-spark machining of metals] Elektroiskrovaia obrabotka metallov. [Novosibirsk] Novosibirskoe knizhnoe izd-vo, 1962. 53 p.

Efficient methods of cutting rods. B. V. Gnezdilov, V. M. Statnikov. Met. i gornorud. prom. no. 2 71-72 Mr-Ap '62.

Electrodes for the air-arc cutting of metals. I. S. Shapiro and others. Svar. proizv. no. 8:20-22 Ag '62.

Kurchenko, V. I. [Use of electric-spark machining in the manufacture of metalworking tools] Primenenie elektroerozionnoi obrabotki v instrumental'nom proizvodstve. Leningrad, 1962. 17 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia: Mekhanicheskaia obrabotka metallov, no. 18)

ELECTRIC METERS

Model of an ampere meter V. Shpakov. Shkola i proizv. 6 no 5,83 My '62.

ELECTRIC MOTORS

Elements of the dynamics of transient processes of electric step-by-step motors. A. P. Afonin. Elektrichestvo no. 11:67-71 N '62.

Losses in the steel of asynchronous machines during the rotation of the rotor against the field. M. A. Esibian. Vest. elektroprom. 33 no. 7:51-53 Jl '62.

Single-phase condenser micromotors with three-phase stator windings. A. I. Admenko. Elektrichestvo no. 11: 54-61 N '62.

Special features of the stability of an asynchronous load with generator excitation regulation IU. S. Dampi, M. V. Khorikharan. Izv. vys. ucheb. zav. ; energ. 5 no. 10:5-12 O '62.

Use of magnetodielectrics in the design of electrical machines. M. Z. Khamudkhanov, V. A. Troitskii. Izv vys. ucheb. zav. ;elektromekh. 5 no. 10:1175-1180 '62.

ELECTRIC MOTORS—STARTING DEVICES

An a. c. starter. Vest. elektroprom. 33 no. 7:76-80 Jl '62.

ELECTRIC MOTORS, DIRECT CURRENT

Regulated d. c. drives with transistor rectifiers. V. A. Naidis, A. M. Lebedev, V. V. Novikov. Elektrichestvo no. 11:83-87 N '62.

Study of the performance of a slide contactor in transformer oil. N. V. Vlasenko. Izv. vys. ucheb. zav. ; elektromekh. 5 no. 10:1195-1107 '62.

Use of a damper winding in d. c. motors with printed armature windings. R. R. Parts, A. P. Raig. Elektrichestvo no. 11:50-53 N '62.

ELECTRIC MOTORS, INDUCTION

Power amplifier using switching transistors for regulating a two-phase asynchronous motor [with summary in English]. O. M. Minina, E. S. Chistova. Avtom. i telem. 23 no. 10 1393-1395 O '62.

Torque and braking characteristics of an asynchronous motor with a Schenfer rotor in a reversive speed control system. N. V. Khrushchova. Avtomatyka 7 no. 5 56-58 '62.

Transistorized frequency converters for regulating the angular velocity of asynchronous motors. D. A. Zvaltshin, G. I. Novikova, Chzhen Bin-gan [Cheng Ping-kang]. Elektrichestvo no. 11 37-44 N '62.

Use of catalog data for determining the parameters of asynchronous short-circuited motors. M. S. Tuganov. Vest. elektroprom. 33 no. 7:45-48 Jl '62.

Use of the mass of short-circuited asynchronous motors with deep regulation of the angular velocity by saturable reactors. E. M. Berlin and others. Izv. vys. ucheb. zav., elektromekh. 5 no. 10:1132-1136 '62.

ELECTRIC MOTORS, SYNCHRONOUS

Method for calculating the movement of the rotor of a synchronous motor with large oscillations. A. I. Vazhnov. Izv. AN SSSR Otd. tekh. nauk. Energ. i avtom. no. 5 31-38 S-O '62.

ELECTRIC NETWORKS

Action of square e. m. f. pulse on an RC network with commutation of the R parameter. V. S. Kalabin. Radiotekhnika 17 no. 11 50-56 N '62.

Combinational parametrical excitation of oscillations. V. V. Migulin. Radiotekh. i elektron. 7 no. 11 1962-1963 N '62.

Concerning some applications of galvano-magnetic effects in semiconductors [with summary in English]. M. E. Mazurov. Avtom. i telem. 23 no. 10.1362-1361 O '62.

Determination of the parameters of third-order circuits on the basis of their desirable transients. N. N. Linichenko. Elektrichestvo no. 11:77-78 N '62.

Furmanov, B. M. [Contribution to the theory of spark prevention in inductive electrical networks] K voprosu o teorii iskrobezopasnosti induktivnykh elektricheskikh tsepei, tekhnicheskaia informatsiia k diskussii po nauchnym osnovam iskrobezopasnosti. Moskva, In-t gornogo dela im. A. A. Skochinskogo, 1961. 57 p. [MICROFILM]

Programming network of an n-step technological process with n+1 devices and one contact from each element. V. V. Obraztsov. Trudy NPI 124 41-52 '62.

Semigraphical method for determining the sensitivity of networks with nonlinear modulating transducers. N. I. Tiushkevich. Izv. vys. ucheb. zav., energ. 5 no. 10 41-45 O '62.

Use of intercoupled relay distributors with line metering relays in remote control devices. D. N. Zhmurin. Trudy NPI 124 23-30 '62.

Use of nomograms in the calculation of networks with thermistors. E. B. Elagin, V. N. Zhuravleva. Izv. vys. ucheb. zav., energ. 5 no. 10 131-136 O '62.

Use of the input impedance in calculating the transfer constant of a four-terminal network. P. T. Postel'nikov. Elektrosviaz' 16 no. 11 38-47 N '62.

ELECTRIC NETWORKS—NOISE

Method for determining the noise parameters of four-terminal networks. N. V. Terpugov. Radiotekhnika 17 no. 11:14-22 N '62.

ELECTRIC NETWORKS—SAFETY MEASURES

Problems concerning protective grounding in low-voltage networks. N. F. Shishkin, G. V. Mindell. Elektrichestvo no. 11:78-82 N '62.

ELECTRIC OSCILLATORS see Oscillators, Electric

ELECTRIC POWER

Nauchno-tekhnicheskoe obshchestvo energeticheskoi promyshlennosti. Belorusskoe respublikanskoe otdelenie. [Thermal and electric power] Teploenergetika; nauchno-tekhnicheskii sbornik. Minsk, 1961. 80 p. [MICROFILM]

Novikov, I. T. [Growth of power engineering and the creation of a consolidated electric-power system in the U. S. S. R.] Razvitie energetiki i sozdanie edinoi energeticheskoi sistemy SSSR. Moskva, Ekonomizdat, 1962. 240 p.

Sokolov, A. N. [Saving of electric power in electric-arc steel-smelting furnaces] Ekonomiia elektroenergii pri ekspluatatsii dugovykh staleplavil'nykh pechei. Moskva, Gosenergoizdat, 1962. 120 p. (Biblioteka elektrotermista, no. 10)

Some power supply problems in prospecting. G. V. Chernik. Razved. i okhr. nedr 28 no. 10:32-35 O '62.

Standardizing the consumption of electric power by dredges. G. A. Bagautinov. Izv. vys. ucheb. zav., gor. zhur. 5 no. 9:97-104 '62.

Sviatlovskii, A. E. [Volcanoes and electric-power plants] Vulkany i elektrostantsii. Moskva, Izd-vo "Znanie," 1962. 31 p. (Novoe v zhizni, nauke, tekhnike. XII Seriia, Geologiia i geografiia, no. 16)

Timoshenko, V. V. [Economy of electric power in electrometallurgical enterprises] Ekonomiia elektroenergii na elektrometallurgicheskikh predpriiatiiakh. Moskva, Metallurgizdat, 1962. 189 p.

Zinenko, V. P., and A. N. Kiganov. [Experimental measurements of the power consumed in core drilling of test holes] Eksperimental'nye izmereniia moshchnosti, zatrachivaemoi pri kolonkovom burenii razvedochnykh skvazhin. Moskva, Gosgeoltekhizdat, 1961. 48 p.

ELECTRIC POWER—ABSTRACTS

[Electrical engineering and electric power] Ref. zhur. Elektrotekh. i energ. nos. 21-22 N '62.

ELECTRIC POWER DISTRIBUTION

(see also subdivision under Berezniki, Karelia)

Concerning the problems of long-distance electric power transmission. I. A. Syromiatnikov. Elektrichestvo no. 11 13-20 N '62.

Methods for calculating power losses in the networks of electric power systems. G. T. Adonts. Elektrichestvo no. 11 32-36 N '62.

Problem concerning the prospective voltage step-up of overhead electric power transmission lines. G. N. Aleksandrov, M. V. Kostenko, I. F. Polovoi. Elektrichestvo no. 11:20-26 N '62.

Problems of distribution and transmission of electric power. V. A. Venikov. Izv. AN SSSR. Otd. tekh. nauk. Energ. i avtom. no. 5:3-22 S-O '62.

Reactive power compensation in electric circuits of plants and harbors. B. Pain, S. Seleznev. Rech. transp. 21 no. 11 28-29 N '62.

Some stationary processes in compensated electric power transmission lines with intermediate power takeoff. G. E. Alekseenko, O. B. Tolpygo. Izv. vys. ucheb. zav., energ. 5 no. 10 1-4 O '62.

Special features of the stability of an asynchronous load with generator excitation regulation. Iu. S. Bampi, M. V. Kharikharan. Izv. vys. ucheb. zav., energ. 5 no. 10 5-12 O '62.

Three trillions. M. Z. TSunts. Priroda 51 no. 11 12-23 N '62.

ELECTRIC POWER DISTRIBUTION—ACCOUNTING

Evaluation of expenditures on electric power in the design of the electrical sections of industrial enterprises. D. A. Arzamastsev. Elektrichestvo no. 11:88-90 N '62.

ELECTRIC POWER DISTRIBUTION—DIRECT CURRENT

Simulation of the power transformers of a. d. c. power transmission system. V. V. Khudiakov, N. K. Rakova, N. S. Lazarev. Vest. elektroprom. 33 no. 7:20-26 Jl '62.

ELECTRIC POWER DISTRIBUTION—EQUIPMENT AND SUPPLIES

High-voltage autotransformer with free regulation under load. A. G. Kratz. Vest. elektroprom. 33 no. 7:8-13 Jl '62.

A new network for winding concrete reactors. D. A. Dubinchik, M. A. Leshchinskaia. Vest. elektroprom. 33 no. 7:72 Jl '62.

Outlook for developing and mastering large power autotransformers. N. V. Popovich. Vest. elektroprom. 33 no. 7:1-6 Jl '62.

Unbalanced load of transformers with split windings. A. M. Ryvkin. Vest. elektroprom. no. 7:14-19 Jl '62.

ELECTRIC POWER PLANTS

(see also subdivision under Kuchurgany; Volgograd; Volgograd Province)

Krivoshein, D. I. [Experience in the installation of 150 Mw. turbogenerators] Iz opyta montazha turboagregatov moshchnost'iu 150 Mvt. Moskva, Orgenergostroi, 1962. 36 p. (Iz opyta energeticheskogo stroitel'stva)

Mobile electric power plants abroad. D. L. Averbakh, A. M. Berkovskii. Biul. tekh.-ekon. inform. Gos. nauch.-issl. inst. nauch. i tekh. inform., no. 11:97-100 '62.

ELECTRIC POWER PRODUCTION

Three trillions. M. Z. TSunts. Priroda 51 no. 11:12-23 N '62.

ELECTRIC PROSPECTING

(see also subdivision under Surkhan-Darya Valley, Transcaucasia; Turkmenistan)

Induced polarization method and prospects of its use in searching for disseminated ores. V. A. Komarov. Sov. geol. 5 no. 8.130-134 Je '62.

Theory of electric prospecting for buried structures. No. 2. A. M. Gliuzman. Izv. AN SSSR. Ser. geofiz. no. 11: 1630-1644 N '62.

Using the resistivity method to determine the elements of bedding of contacts of two media. E. A. Shemiakin. Razved. i prom. geofiz. no. 45:64-73 '62.

ELECTRIC PROSPECTING—EQUIPMENT AND SUPPLIES

Compensated automatic measurements on alternating current. Iu. V. Afanas'ev and others. Geofiz. prib. no. 9:37-45 '61.

ELECTRIC PROTECTION

Relay-type differential protection of an a. c. locomotive. A. S. Zasypkin. Izv. vys. ucheb. zav. elektromekh. 5 no. 10:1168-1174 '62.

Smirnov, S. A., and F. F. Tereshchenko, comps. [Regulated electric dischargers for switching large impulse currents in high-voltage systems, abstracts for 1945-1961] Upravliaemye razriadniki dlia kommutatsii bol'shikh impul'snykh tokov v vysokovol'tnykh ustanovkakh; shornik referatov, 1945-1961 gg. Moskva, Gosatomizdat, 1962. 85 p.

Study of the performance of a short-circuit protective system of an a. c. locomotive. V. V. Nechitailov. Izv. vys. ucheb. zav. elektromekh. 5 no. 10.1160-1167 '62.

ELECTRIC RAILROADS see subdivision under Latvia

ELECTRIC RAILROADS—CURRENT SUPPLY

Checking of an electric filter system with an interference potential measuring device. I. G. Vasil'ev. Elek. i tepl. tiaga 6 no. 10:20-21 O '62.

ELECTRIC RAILROADS—ELECTRIC EQUIPMENT

How to prevent faulty switching operation of the AP-2/3 and AP-2/4 feeder switches. A. V. Lanfanov, V. P. Ivanov. Elek. i tepl. tiaga 6 no. 10.15-16 O '62.

ELECTRIC RAILROADS—MEASUREMENTS

Checking of an electric filter system with an interference potential measuring device. I. G. Vasil'ev. Elek. i tepl. tiaga 6 no. 10.20-21 O '62.

ELECTRIC RAILROADS—SUBSTATIONS

Improved control of the cooling system of mercury pumps. G. I. Morozov. Elek. i tepl. tiaga 6 no. 10:24 O '62.

Improving the standard of the operation of electric power supply systems. L. S. Panfil'. Zhel. dor. transp. 11 no. 11.71-76 N '62.

The number of heat exchangers may be cut in half. S. M. Kokin. Elek. i tepl. tiaga 6 no. 10:17 O '62.

ELECTRIC RAILROADS—WIRES AND WIRING see subdivision under France

ELECTRIC RAILWAY MOTORS—DRYING

Heater system for drying traction motors. A. I. Bazhilov. Elek. i tepl. tiaga 6 no. 10:12-13 O '62.

ELECTRIC RAILWAY MOTORS—MAINTENANCE AND REPAIR

Kurchaabova, V. A., and L. P. Tomfel'd. [Inspection and maintenance of the electrical machinery of electric-rolling stock] Osmotr i tekushchii remont elektricheskikh mashin elektropodvizhnogo sostava. Moskva, Transzheldorizdat, 1962. 102 p. (Bibliotechka ele'arila po remontu elektropodvizhnogo sostava)

ELECTRIC REACTORS

A new network for winding concrete reactors. I. A. Dubinchik, M. A. Leshchinskaia. Vest. elektroprom. 33 no. 7:72 Jl '62.

ELECTRIC RELAYS

Calculation of the windings of electromagnetic neutral relay. R. Fel'dman. Shkoln. i profizv. 6 no. 5:10-92 My '62.

Conditions of steady-state self-oscillations in relay systems with internal feedback. B. A. Bilalov. Izv. AN SSSR. Otd. tekh. nauk. Energ. i avtom. no. 5.157-162 S-O '62.

Network of a start-initiating unit for long-distance signaling devices. V. B. Gerasimov. Trudy NPI 124 19-22 '62.

Noncontact device for controlling a. c. contactors. V. P. Sabadashev, V. T. Zagorodniuk. Trudy NPI 124.31-38 '62.

Switching time of a tunnel diode being triggered by a voltage pulse with finite rise time. V. K. Semenovskii. Radiotekh. i elektron. 7 no. 12:2092-2094 D '62.

Three-phase choke with a solid magnetic circuit. M. P. Konovalov. Vest. elektroprom. 33 no. 7:60-64 Jl '62.

Use of intercoupled relay distributors with line metering relays in remote control devices. D. N. Zhmurin. Trudy NPI 124:23-30 '62.

ELECTRIC RESISTANCE

Effect of size and purity on the electric resistance of metals in a longitudinal magnetic field at helium temperatures [with summary in English]. B. N. Aleksandrov. Zhur. eksp. i teor. fiz. 43 no. 4 1231-1241 O '62.

ELECTRIC RESISTORS

Pasynkov, V. V., G. A. Savel'ev, and L. K. Chirkin. [Nonlinear semiconductor resistances and their uses] Nelineinye poluprovodnikovye soprotivleniia i ikh primenenie. Leningrad, Sudpromgiz, 1962. 211 p.

ELECTRIC RESONATORS

Contribution to the theory of broadband nonadjustable spherical echo resonators. S. S. Fel, P. Sh. Fridberg, I. B. Levinson. Radiotekh. i elektron. 7 no. 11:1916-1921 N '62.

Cylindrical cavity resonator with dielectric filler. E. M. Lazlov, E. D. Gazalan. Radiotekh. i elektron. 7 no. 12:2086-2088 D '62.

ELECTRIC SUBSTATIONS

Step-down substations with 110 to 220 kv. rating and capacitive voltage dividers. V. D. Iurenkov. Elektrichestvo no. 11:26-31 N '62.

ELECTRIC SWITCHGEAR

Recovery strength of the arc-gap in slit chambers. I. S Taev. Vest elektroprom 33 no. 7:65-69 Jl '62

Smirnov, S. A., and F. F. Tereshchenko, comps. [Regulated electric dischargers for switching large impulse currents in high-voltage systems, abstracts for 1945-1961] Upravliaemye razriadniki dlia kommutatsii bol'shikh impul'snykh tokov v vysokovol'tnykh ustanovkakh, sbornik referatov, 1945-1961 gg. Moskva, Gosatomizdat, 1962. 85 p.

ELECTRIC TRANSFORMERS

(see also subdivision under Chirchik)

Concerning the article, "Three-winding transformer with 35/6/0.4 kv. rating" by B. I. Gol'denblat and L. A. Raitsel'skii. M. I. Shurshin. Vest. elektroprom 33 no. 7:73 Jl '62.

High-voltage autotransformer with free regulation under load. A. G. Kraiz. Vest. elektroprom 33 no. 7:8-13 Jl '62.

Lebedovskii, M. S. [Mechanizing the packing of transformers with laminar iron] Mekhanizatsiia nabivki transformatorov plastinchatym zhelezom. Leningrad, 1962. 24 p. (*Leningradskii dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia. Mekhanicheskaia obrabotka metalla, no 22*)

Outlook for developing and mastering large power autotransformers. N. V. Popovich Vest. elektroprom 33 no 7:1-8 Jl '62.

Polarkov, K. M. [Regulated transformers and their use] Regulirueмye transformatory i ikh ekspluatatsiia. Moskva, Gosenergoizdat, 1962. 174 p.

Power transformers with 220 kv. rating for the Bratsk Hydroelectric Power Station. V. V. Bodnar Vest elektroprom. 33 no. 7:6-8 Jl '62.

Simulation of the power transformers of a. d. c. power transmission system. V. V. Khudiakov, N. K. Rakova, N. S. Lazarev. Vest. elektroprom 33 no 7:20-26 Jl '62.

Step-up transformer for induction heating. V. G. Tikhomirov. Vest. elektroprom. 33 no. 7:19-20 Jl '62.

Unbalanced load of transformers with split windings. A. M. Ryvkin. Vest. elektroprom. no. 7:14-19 Jl '62.

Use of a ferromagnetic paste in assembling electric transformers with C-shaped magnetic circuits. F. V. Ur'iash, F. G. Avdeev. Vest. elektroprom 33 no 7. 27-29 Jl '62.

ELECTRIC TRANSFORMERS—EQUIPMENT AND SUPPLIES

Designs of chokes of the simplest construction with a minimum cost in materials. E. IA. Ivanchenko, V. V. Krasovin Izv vys ucheb. zav., gor. zhur 5 no. 10 *137-141 '62.*

ELECTRIC WELDING

Automatizing the direction of a welding head along a curvilinear butt joint N. S. L'vov Avtom svar 15 no 10 9-15 O '62.

Emel'ianov, N. P., and others. [Multielectrode automatic built-up welding under flux] Mnogoelektrodnaia avtomaticheskaia naplavka pod flusom. Moskva, Vses. Izdatel'sko-poligr. ob"edinenie M-va putei soobshchenila, 1962. 134 p. (Moscow, Vsesoluznyi nauchno-issledovatel'skii institut zheleznodorozhnogo transporta. Trudy, no. 239)

Investigating the spot welding of the hard alloy VK15 with the E15N alloy. F. I. Kisliuk, V. S. Fel'dman. Svar. proizv. no. 8:34-35 Ag '62.

New automatic control diagrams for resistance welding machines. B. E. Paton, N. V. Podola. Avtom svar 15 no 10.1-8 O '62.

Powder metal wire for semiautomatic welding in assembly operations. A. M. Gofner, E. T. Chernushenko. Svar. proizv. no. 8:5-7 Ag '62.

Two-element automatic welding unit for welding with a three-phase current. S. S. Beda. Sbor. nauch.-issl. rab. TTI no. 12:215-222 '61.

ELECTRIC WELDING—EQUIPMENT AND SUPPLIES

Connecting welding transformers in high speed double arc welding. S. L. Mandel'berg, V. E Lopata. Avtom. svar 15 no. 10 85-86 O '62.

Manufacture of powder-metal wire and its use for welding structural elements. R. G. Shneiderov, K. V. Lisiin Prom. stroi. 40 no. 9:53-56 '62.

Ob-458m attachment for welding in CO_2 using PS-300, PSO-300, and PS-500 transformers. A. G Potapievskii, V. A. Koritskii. Avtom svar 15 no 10 68-70 O '62.

Terent'ev, IU. IA., and L. G. Gromyko. [Equipment and control instruments for resistance welding] Oborudovanie i apparatura dlia kontaktnoi svarki; al'bom. Moskva, Profitekhizdat, 1962. 137 p.

ELECTRIC WIRE

Determination of maximum speed for winding wires on round frames. E. M. Il'in. Vest. elektroprom 33 no. 7:74-76 Jl '62.

TSibizov, N. I. [Techniques for the mechanization of the manufacture and control of bunched electrical conductors] Sredstva mekhanizatsii izgotovleniia i kontrolia zhgutov elektroprovodov. Moskva, Oborongiz, 1962. 238 p.

ELECTRIC WIRE AND CABLE INDUSTRY

TSibizov, N. I. [Techniques for the mechanization of the manufacture and control of bunched electrical conductors] Sredstva mekhanizatsii izgotovleniia i kontrolia zhgutov elektroprovodov Moskva, Oborongiz, 1962. 238 p.

ELECTRIC WIRING

Polikarov, G. E., and A. I. Kovarskii. [A methodological manual for training electricians in installation operations and use of the electrical equipment of industrial enterprises] Metodicheskoe posobie dlia obuchenila elektromonterov po montazhu i ekspluatatsii elektrooborudovanila promyshlennykh predpriiatii. 2., perer. izd. Moskva, Profitekhizdat, 1961. 158 p.

Vorontsov, F. F. [Selection of wire and cable sizes for electrical wiring operations] Vybor secheniĭ provodov i kabelei dlia elektroprovodok. Izd. 4., perer. Moskva, Gosenergoizdat, 1962. 95 p.

ELECTRIC WIRING, INTERIOR—STANDARDS

Standard specifications common to all branches of industry for separate units and parts of electric wiring Biul stroi tekh 19 no 5 22 My '62.

ELECTRICIANS—EDUCATION AND TRAINING see subdivision under Lipetsk Province

ELECTRICITY IN AGRICULTURE

Field tests of the ZHRB-4, 9 electrified reaper. S. I Petruchenia, M. I. Veleskun. Visnyk sil'hosp nauky 5 no. 6 27-31 Je '62.

ELECTRICITY IN AGRICULTURE—STATISTICS

Butorin, I. M. [Statistics of the mechanization and electrification of agriculture] Statistika mekhanizatsii i elektrifikatsii sel'skogo khoziaistva. Moskva, Gosstatizdat, 1962. 120 p.

ELECTRICITY IN MINING

(see also subdivision under Kachkanar region)

"Handbook of the mine electrician" by A. M. Varshavskii, B. Z. Paiei Reviewed by L. Zavozin Sov shakht 11 no 11 44 N '62

New circuit for the assembly of a section electric substation. V. P. Zhukovskii. Ugol' prom. no 5 73 S-O '62.

Using three-phase current in blasting R IA Strausman. Bezop truda v prom. 6 no. 6.8-10 Je '62.

ELECTRICITY IN MINING—SAFETY MEASURES

Protection device for electric networks in mines V. V Glushko, A. P. Karev Bezop. truda v prom 6 no. 6: 16-17 Je '62

ELECTRICITY ON SHIPS

Re-equipment of marine electric power plants for the feed of windlasses installed on barges. G. Obriadchikov. Rech transp. 21 no. 11.46 N '62.

ELECTRIFICATION

(see also subdivision under Uzbekistan)

Radtsig, V. A. [Reminiscences of the power engineer] Vospominaniia energetika. Moskva, Gosenergoizdat, 1962. 135 p.

ELECTROACOUSTICS

Quantum phonon counter. A. R. Kessel', U Kh. Kopvillem. Fiz. tver. tela 4 no. 8:2283-2286 Ag '62.

ELECTROCARDIOGRAPHY

Change in the electrocardiogram in pulmonary tuberculosis during treatment with antibacterial preparations [with summary in English]. S. I. Kovaleva Sov. med 26 no. 6:80-86 Je '62.

Condition of the heart in patients with latent and chronic forms of brucellosis. A. G. *Adyrkhaev, T. G. Beglova* Trudy Inst kraev. pat. AN Kazakh. SSR 12 149-155 '62.

Duration of the phase of the cardiac cycle during rest and following physical stress in young children. K. F. Kun. Teor. i prak. fiz. kul't. 25 no. 8:87-89 Ag '62.

Electric stimulation of the heart by radio-frequency pulse transmission E. B. Babskii and others. Dokl. AN SSSR 147 no. 1:255-256 N '62.

"Practical analysis of electrocardiograms" by A. V. Sumarokov and A. A. Mikhailov. Reviewed by M. K. Baranovich. Sov. med. 26 no. 10:153-154 O '62.

Radiotelemetric electrocardiographic investigation during execution of heavy physical exercises. I. I. Kniazev. Teor. i prak fiz. kul't. 25 no. 6 65-68 Je '62.

Some changes in hemodynamics and the cardiogram in rheumatism treated with ACTH and corticosteroids. M. K. Gordon. Zdrav. Bel. 8 no. 7:38-40 Jl '62.

ELECTROCHEMISTRY

Mechanism of radiational-electrochemical processes. V. I. Veselovskii. Probl. fiz. khim. no. 1:73-80 '58.

ELECTRODES

Akademiia nauk Uzbekskoi SSR, Tashkent. Institut khimii. [Simultaneous electrode reactions] Sovmestnye elektrodnye reaktsii. Tashkent, Izd-vo AN UzSSR, 1962. 142 p.

Anode activation of iron. V. D. Kashcheev, B. N. Kabanov, D. I. Leikis. Dokl. AN SSSR 147 no. 1:143-145 N '62.

Comparing heat loads of continuously self-baking anodes during the electrolytic production of aluminum M. A Korobov TSvet. met. 35 no. 11 75-79 N '62

Compressed air blending and conveying of charges for electrode coverings. V. N. Treshchelin, V. I. Liberman, S. V. Lakshin. Svar. proizv. no. 8 25-26 Ag '62.

Electrodes for the air-arc cutting of metals. I. S. Shapiro and others. Svar. proizv. no. 8 20-22 Ag '62.

Electrodes for the welding of scale-resistant steel. V. S. Stroev, I. N. Vornovitskii. Svar. proizv. no. 8:1-4 Ag '62.

Iron powder coated electrodes for underwater welding. N. M. Madatov. Svar. proizv. no. 8-14-16 Ag '62.

Sizing sleeves for electrode covering. I. G. Noskov. Svar. proizv. no. 8 27 Ag '62.

ELECTRODES—STANDARDS

Allowable aluminum content in the steel of Sv-08 and Sv-08A welding wire I. N Glabov. Svar. proizv. no 8 12-14 Ag '62.

Standardization of electrodes for the welding of 18-8 type steel. I. M. Vagapov, P. B. Ladyzhinskii. Svar. proizv. no. 8:8-11 Ag '62.

State Standard No. 10051-62 for arc welding electrodes. V. A. Lapidus. Svar. proizv. no. 8 25-30 Ag '62.

State Standard No 10052-62 for steel electrodes for the arc welding of high alloy steel with special properties. F. I. Pashukanis, G. I. Zhurba. Svar. proizv. no. 8-30-31 Ag '62.

ELECTRODES, CARBON

Investigating the interaction of coal and graphite with aluminum and iron chlorides M. B. Rapoport, M S Beletskii. Izv. vys. ucheb. zav., tsvet. met. 5 no. 3 71-79 '62.

ELECTROENCEPHALOGRAPHY

Clinical electroencephalographic characteristics of a schizophrenic manifestation in its early and defective stages. G. A. Aghalian, S. A. Davtian. Trudy Erev. med. inst. no 11:383-390 '60.

Compensatory reactions in insufficiency of the brain's blood supply [with summary in French]. A. K. Guskova, N. N. IUrkov, V. I. Kiriushkin. Zhur. nevr. i psikh. 61 no. 10:1457-1462 '61.

Electrical activity of the brain during intravenous vaccine therapy in brucellosis. S Zh. Tleulin. Trudy Inst. krnev. pat. AN Kazakh. SSR 12.175-181 '62.

Electrical activity of the brain of brucellosis patients during treatment with prednisone and cortisone S. Zh Tleulin Trudy Inst kraev. pat AN Kazakh. SSR 12: 182-186 '62.

Electroencephalographic changes during the prolonged action of noise [with summary in English]. A. B. Strakhov. Biul. eksp. biol. i med. 54 no. 7-11-13 Jl '62.

Electroencephalographic changes in brucellosis S. Zh. Tleulin. Trudy Inst. kraev. pat AN Kazakh SSR 12: 102-109 '62.

Electroencephalographic characteristics of visual afterimages in some mental diseases. A. A. Megrabian, S. L. Avakian, R. K. Arutiunian. Trudy Erev. med. inst. no. 11:373-381 '60.

Electrophysiological indices of the functional state of the cortex and subcortex following the action of dimedrol. K. A. Shafmardenov. Zdrav. Kazakh. 22 no. 6 42-44 *'62.*

Limits of the normal variations in the individual characteristics of the electroencephalogram [with summary in French] E. A. Zhirmunskaia. Zhur. nevr. i psikh. *82 no. 6:982-985 '62.*

Role of the cholinoreactive systems of the mesencephalon in the mechanism of the activation of the electroencephalogram by nicotine [with summary in English] R. IU. D'iuchenok, R. U. Ostrovskaia. Biul. eksp. biol. i med. 54 no. 7:43-48 Jl '62.

Study of electroencephalographic data during present-day intubation anesthesia. R. Z. Amirov and others. Vest. khir. no. 6:87-91 '62.

ELECTROLYSIS

Akademiia nauk Uzbekskoi SSR, Tashkent. Institut khimii. [Simultaneous electrode reactions] Sovmestnye elektrodnye reaktsii. Tashkent, Izd-vo AN UzSSR, 1962. 142 p.

ELECTROLYSIS IN MEDICINE

Further reduction of the period of decalcification in the electrolytic treatment of the pyramids of the human temporal bone [with summary in English]. A. B. Genkin, Zhur. ush., nos. i gorl bol 21 no 6:55-57 N-D '61

ELECTROLYTES

Method for the direct and continuous observation of the process of salt transfer in liquid-liquid extraction. M. F. Pushlenkov, V. S. Fedorov. Radiokhimiia 4 *no. 4:443-446 '62.*

Modern electrolytes for the rapid tin plating of sheet steel. E. S. Petrova. Sbor. trud. TSNIICHM no. 28:97-100 '62.

ELECTROLYTES—SPECTRA

Spectral analysis of solutions by the spark excitation of aerosols. A. N. Baklanovskaia, A. A. Morozov. Zav. lab. 28 no. 11:1332-1333 '62.

ELECTROLYTES—TESTING

Testing automatic equipment for the quality control of zinc electrolytes IU. N Tokaev and others [Sbor. trud.] Nauch.-issl inst met, no 4:184-188 '61.

ELECTROLYTIC CORROSION

Technical and economic analysis of methods of electric protection from corrosion P G Doroshenko, G I Reshetnikov Stroi truboprov 7 no 9 28-30 S '62

ELECTROLYTIC OXIDATION see Oxidation, Electrolytic

ELECTROLYTIC POLISHING—EQUIPMENT AND SUPPLIES

Antonov, N. M [New suspended devices for electrochemical treatment of cylindrical parts] Novye podvesnye prisposobleniia dlia elektrokhimicheskoi obrabotki tsilindricheskikh detalei. Leningrad, 1962 17 p (Leningradskii dom nauchno-tekhnicheskoi propagandy Obmen peredovym opytom, Seriia Zashchitnye pokrytiia metallov, no. 5)

ELECTROMAGNETIC PROSPECTING—EQUIPMENT AND SUPPLIES

Using the method of amplitude-phase measurements to select the parameters of apparatus P. D. Kochanov Geofiz. prib. no 9 94-99 '61.

ELECTROMAGNETIC WAVES

Absorption of electromagnetic waves by homopolar crystals. L. E. Gurevich, I. P. Ipatova. Fiz. tver. tela 4 no. 8 2065-2074 Ag '62.

Approximate calculation of the delay of electromagnetic surface waves over a plane comb A. S. Zav'ialov Izv. vys. ucheb zav., radiotekh 5 no 5 568-576 S-O '62

Attenuation of electromagnetic waves in an inhomogeneous medium related to transient radiation [with summary in English]. V IA Eidman Zhur eksp i teor fiz 43 no 4 1419-1423 O '62

Calculation of the energy of a radiation field of uniformly moving charged particles in delay systems. E. L. Burshtein, G. V. Voskresenskii Radiotekh. i elektron 7 no. 12, 2033-2036 D '62

Calculation of the phase correlation coefficient of random processes. I S. Vaskhvistskaia Geomag. i aer 2 no 1:86-90 Ja-F '62.

Conditions for the appearance of spatial dispersion in crystals. V. S Mashkevich Fiz. tver. tela 4 no 8. 2075-2080 Ag '62.

Effect of $\pi\pi$-interaction on s- and p-waves of πN-scattering [with summary in English] P. S Isaev, V. A Meshcheriakov Zhur eksp i teor fiz 43 no 4 1339-1348 O '62

Surface spin waves M. A Savchenko, L. A. Shishkin Izv. vys. ucheb zav., radiotekh 5 no. 5 557-560 S-O '62

Theory of the propagation of electromagnetic waves in a piecewise homogeneous plane wave guide. IU. K. Kalinin. Geomag. i aer 2 no. 1:78-85 Ja-F '62.

Theory of transformation and scattering of waves on fluctuations in a plasma [with summary in English] F G Bass, A. IA Blank Zhur eksp i teor fiz 43 no 4 1479-1488 O '62

ELECTROMAGNETISM

Phenomenological theory of the interaction of electromagnetic and gravitational fields. M. P. Korkina. Ukr. fiz. zhur. 7 no. 1:72-73 Ja '62.

ELECTROMAGNETS

Electromagnetic transverse forces in a system of solenoids with parallel axis. A. A Kostin Izv. vys ucheb zav. ;elektromekh. 5 no. 10 1091-1096 '62.

Measurement of coercive force in ferrate cores with rectangular hysteresis loops V I. Kurotchenko Izv. AN Kir SSR Ser. est. i tekh nauk 3 no 6 59-69 '61

Receiving circuit for a polar code on ferrates with rectangular hysteresis loops P I Pushkarev Izv. AN Kir. SSR. Ser est i tekh nauk 3 no 6 71-73 '61.

ELECTROMETALLURGY

Achievements and further prospects for electric slag refining B E. Paton and others. Stal' 22 no 11 1001-1005 N '62

Similarity conditions and modeling of processes of arcless electric smelting [with summary in English]. G S. Nus. Inzh.-fiz zhur. 5 no. 8:71-77 Ag '62.

Timoshenko, V. V. [Economy of electric power in electrometallurgical enterprises] Ekonomiia elektroenergii na elektrometallurgicheskikh predpriiatiiakh. Moskva, Metallurgizdat, 1962. 189 p.

ELECTROMETALLURGY—QUALITY CONTROL

Testing automatic equipment for the quality control of zinc electrolytes. IU. N. Tokaev and others. [Sbor. trud.] Nauch.-issl. inst. met. no. 4:184-188 '61.

ELECTROMOTIVE FORCE

Determination of the charge of a reacting particle from the dependence of the electroreduction kinetics on the potential and concentration of a supporting electrolyte. A. N. Frumkin, O. A. Petrii. Dokl. AN SSSR 147 no. 2: 418-421 N '62.

Effect of the potential on the attraction interaction between adsorbed organic molecules B B Damaskin, N B Grigor'ev Dokl AN SSSR 147 no. 1, 135-138 N '62

Electrode potentials of radioactive specimens of Armco iron and steel-2 in distilled water and in aqueous solutions of inhibitors K N IAnushkin, S A Balezin, Vlll Spitsyn Dokl AN SSSR 147 no 1:155-158 N '62

Improved method of vibrating string for measuring the contact difference of potentials. L. A. Andreev. Zav. lab. 28 no. 8:962-965 '62.

Superposition of a high-voltage polarization e. m. f. in dielectrics. M. L. Chetkarov Fiz. tver. tela 4 no. 8: 2279-2280 Ag '62.

ELECTROMYOGRAPHY

Electrical activity of the respiratory muscles in man during different humoral influences on the respiratory center [with summary in English] A M. Kulik. Biul. eksp biol. i med. 54 no. 7 3-6 Jl '62.

Some clinical and electromyographic correlations in disorder of the muscle tone in cerebral insultus [With summary in French] D K. Lunev Zhur. nevr i psikh 61 no. 10 1441-1152 '61

ELECTRON BEAMS

Effect of a magnetic field on the refraction effect of an anode lense in electron beam shaping systems. I. V. Altamovskii. Radiotekh. i elektron. 7 no 12:2037-2042 D '62.

ELECTRON DIFFRACTION EXAMINATION

Electron diffraction data on the structure of phlogopite-biotite B B Zvlagin, N S Mishchenko Kristallografiia 7 no 4 623-627 Jl-Ag '62

Electronographic study of artificial mixtures of clay minerals. R. A. Shaikhova. Zap. Vses. min. ob-va 91 no. 5 550-555 '62.

Study of thin tellurium films. C. Oancea, I Teodorescu, P Cristea. Kristallografiia 7 no. 4, 560-562 Jl-Ag '62.

ELECTRON MICROSCOPE

World in an electron microscope. V. M. Gollanov. Nauka i zhizn' 29 no. 5 70-71 My '62

ELECTRON MICROSCOPY

Electron microscope studies of cellulose ester fibers in ultrathin sections G. O. Bagdykiants, L. S. Krupysheva. Zav. lab. 28 no. 11:1351 '62.

Electron microscopy study of the elementary bodies of the influenza virus A (PR-8) and A_2 (Asian strain). I. A Popov Trudy TashNIIVS 6 155-156 '61

Electron microscopy of ocular tissue; a review of Soviet and foreign literature. I. P Mislova. Vest. oft. no. 4. 60-75 '62.

Method for producing round micro-openings in colloidal film for stigmatism of the electron microscope. N. A. Graf. Biofizika 7 no. 4:475-476 '62.

Preparing thin plates for the study of metal transparency by electron microscopy. M. F. Longinov, V. A. Zvereva. [Sbor. trud.] Nauch.-issl. inst. met. no. 4:154-157 '61.

Removal of methacrylate and the contrasting of viral particles in plant tissue sections; a method for electron microscopic study. V. A. Smirnova, V. A. Shtein-Margolina. Biofizika 7 no. 4:476-478 '62.

Staining of thin sections of nerve tissue embedded in methacrylate as a control for studies with the electron microscope K A. Vanag, O. B Shumkina. Vop. virus. 7 no. 5:619-621 S-O '62.

Use of the method of electron-microscopic replicas in studying Upper Cretaceous Coccolithophoridae. S. I. Shumenko. Dokl. AN SSSR 147 no. 2:471-473 N '62.

ELECTRON OPTICS—EQUIPMENT AND SUPPLIES

Contribution to the theory of tolerances in electron-optical devices. G. V. Der-Shvarts, IU. V. Kulikov. Radiotekh. i elektron. 7 no. 12:2067-2071 D '62.

ELECTRON TUBES

Automatic devices using cold cathode tubes A. M. Erkin. Shkola i proizv. 6 no. 5:55-58 My '62.

Harmonic analysis with current approximation using a parabola with cutoffs. IU. N. Bolotov. Izv. vys. ucheb. zav., radiotekh. 5 no. 5:624-629 S-O '62.

"Introduction to vacuum techniques" [in German]. Reviewed by R. A. Nilender, V. P. Titushina. Radiotekh. i elektron. 7 no. 11:1975-1976 N '62.

ELECTRON TUBES—NOISE

Measuring the coherence of grid and anode noises of tubes. M. E. Gertsenshtein, P. F. Prakhin. Izm tekh. no 11 50-52 N '62.

ELECTRONIC AMPLIFIERS see Amplifiers (Electronics)

ELECTRONIC ANALOG COMPUTERS

Converter of continuous electric values to discrete code. A. M. Semiglazov. Izm. tekh. no. 11:39-40 '62. N '62.

Use of an analog computer in studying the dynamics of a two-pipe vibrating conveyer. E. U. Zhartkov. Izv. vys. ucheb. zav. ;elektromekh. 5 no. 10:1108-1114 '62.

ELECTRONIC APPARATUS AND APPLIANCES

Detection and removal of electric detonators and fuse cartridges. V. G. Vertiachikh, V. IA Demidov, P. N. Pak. Bezop. truda v prom. 6 no 6:18-19 Je '62

ELECTRONIC APPARATUS AND APPLIANCES - PATENTS

Certificates of invention Elektrosviaz' 16 no 11:73-74 N '62

Foreign patents Elektrosviaz' 16 no 11 75-76 N '62

ELECTRONIC APPARATUS AND APPLIANCES - QUALITY CONTROL

Effect of the duration of preventive maintenance on the reliability of radio electronic apparatus I. I Barvinskii, M M. Lantovchenko Elektrosviaz' 16 no 11:57-61 N '62

ELECTRONIC COMPUTERS

Automatic adjustment of an universal functional generator with piecewise linear approximation [with summary in English]. K. B. Norkin. Avtom. i telem 23 no 10:1343-1351 O '62.

Automation of calculation and the development of calculation techniques. M. A. Krasnov. Vest. AN SSSR 32 no. 11:64-69 N '62.

Calculation machines for the automation of technological processes. G. I. Finkel'shtein Bum. prom 37 no. 10:20-22 O '62.

Computations performed in the initial class of finite L T Petrova, I. A. Platunova Trudy Mat. in-t 66:15-36 '62

Computing methods in roentgenography, and the Kristall electronic calculating machine. G. S. Zhdanov, V. I. Vlasenko. Probl. fiz. khim. no. 1:120-138 '58.

Electronic calculator of the propagation velocity interval of elastic vibrations for an acoustical logging device. I. A. Nazarov and others. Geofiz. prib. no. 9 46-64 '61.

General problems concerning the design of automatic control systems with control computers. B. M Bogaev Elektrichestvo no. 11:62-67 N '62.

Parametron with a ferromagnetic core. K. M. Polivanov, F. P. Zhurkov, V. A. Sokolov Izv. vys ucheb zav., radiotekh. 5 no. 5 513-551 S-O '62

Performance of analytic operations by an electronic computer in solving certain types of differential equations. T. N Pervozvanskaia. Trudy Mat. in-t 66:37-44 '62.

Probability criterion of the evaluation of the error of quantization in respect to time for discrete adaptive information gathering and processing systems [with summary in English]. O. S. Heilma. Avtomatika 7 no. 5, 14-26 '62.

Use of an electronic model in a certain method for finding the roots of finite equations. M. V. Bybnatov. Izv. AN SSSR. Otd. tekh. nauk. Energ. i avtom. no. 5 151-156 S-O '62.

Volgin, L. N. [Elements of the theory of computer control; polynomial equations in problems of the synthesis of automatic control systems with digital computers] Elementy teorii upravliaiushchikh mashin; mnogochlenial'nykh uravnenii v zadachakh sinteza sistem avtomaticheskogo upravleniia s tsifrovymi vychislitel'nymi mashinami. Moskva, Sovetskoe radio, 1962. 183 p.

ELECTRONIC CONTROL

Using television calculating equipment in automatic dimension control. V. S. Vikhman. Izm tekh no 11 3-14 N '62

ELECTRONIC DATA PROCESSING

Use of computers in production control. V. V. Kleal Avtomatyka 7 no. 5:62-69 '62.

ELECTRONIC DIFFERENTIAL ANALYZERS

Synthesis of differential analyzers for the reproduction of trajectories on multidimensional surfaces. V. S. Baranova, M. B. Ignat'ev. Izv. AN SSSR. Otd. tekh. nauk. Energ. i avtom. no. 5:144-150 S-O '62.

ELECTRONIC DIGITAL COMPUTERS

Choice of optimum parameters of a digital computer system with consideration of given accuracy. V. A. Brik. Izv. AN SSSR. Otd. tekh nauk. Energ. i avtom. no. 5:123-130 S-O '62.

Concerning the article "Synthesis of control programs in systems with electronic digital computers." P. F. Klubnikin. Avtom. i telem. 23 no. 10:1401 O '62.

Expanding gravity anomalies in spherical functions in calculating characteristics of the gravity field on the "Ural-1" electronic digital computer [with summary in English]. A. I. Shabanova. Trudy TSNIIGAIK no. 143: 77-82 '62.

Mamonov, E. I. [Universal computers; instruction coding systems, control, problems of operating speed, efficiency, and reliability] Universal'nye vychislitel'nye mashiny; sistemy kodirovaniia komand, upravlenie, voprosy skorodeistviia, proizvoditel'nosti i nadezhnosti. Moskva, Gosatomizdat, 1961. 113 p.

Parallel microprogramming and principles of the design of control devices for electronic digital computers. G. V. Kantartia. Izv. AN SSSR. Otd. tekh. nauk. Energ. i avtom. no. 5:140-143 S-O '62.

ELECTRONIC DIGITAL COMPUTERS (Continued)

Use of electronic digital computers to solve some problems in mining technology V L Mlakishev Izv. vys. ucheb. zav ; gor zhur 5 no 9 114-119 '62.

Use of high-speed electronic computers for calculations in X-ray diffraction analysis, review. M. A Poral-Koshits, A A Lovin, B M Shchedrin Kristallografiia 7 no 4:648-656 Jl-Ag '62

ELECTRONIC INDUSTRIES—QUALITY CONTROL

Problems of reliability. I. P. Padei no, D. Lidin. Avtom., telem. i sviaz' 6 no. 11:17-22 N '62.

ELECTRONIC INSTRUMENTS

The Ap-02 automatic device for determining aromatic hydrocarbon content in a flow. V. S. Sukhomlinov. Biul. tekh.-ekon. inform. Gos. nauch.-issl. inst. nauch. i tekh inform. no. 11:41-43 '62.

Developing and introducing electronic level indicator signals for foundry sand preparation departments A S Mekler, A M Mastennikova, F I Dorofeev Lit proizv no. 9 21-22 S '62

Device for checking uniform motion of shafts in machine-tool drives. Iu. M Andrushevich, B. E. Bolotov Izm tekh. no. 9 23-24 S '62.

Instrument for automatic measurement and regulation of the relation of two values. V. IA. Kozhukh, N. P. Onishchenko. Izm. tekh no. 9 19-21 S '62.

Valve-type pickup for indicating pump strokes of internal combustion engines R. V Kazachkov. Izm. tekh. no. 9:28-30 S '62.

ELECTRONIC MEASUREMENTS

Amplification of small changes in the phase shift between two electrical signals. A N Ermakov, A. N. Klepikova, L. D. Il'dina. Izv. vys. ucheb. zav , radiotekh 5 no. 5 591-595 S-O '62.

Concerning the accuracy of a resonance method for measuring small variations of capacitance and inductance. IA. N. Kolli, A L. Frumkin Izv vys ucheb. zav , radiotekh. 5 no. 5 616-618 S-O '62.

A digital potentiometer. A. F. Gikis, E. I. Tenlakov, V. A. Ivantsov. Trudy NPI 124:3-8 '62

Effect of the reciprocal of pulse duty factor of a square control voltage on the performance of a synchronous detector. G. A. Shtamberger. Izm. tekh. no 9 46-48 S '62.

Relationship between the carrier and modulating frequency in electronic null indicators. V. A. Ivantsov. Trudy NPI 124:31-40 '62.

Way of eliminating nonstable phasemeters with narrow-band discriminating filters. IU B. Shaub. Geofiz. prib. no. 9 87-89 '61.

ELECTRONIC MEASUREMENTS—EQUIPMENT AND SUPPLIES

Problems in designing adapters for measuring high-frequency devices. A L. Grokhol'skii.

ELECTRONICS—BIBLIOGRAPHY see Bibliography—Electronics

ELECTRONICS—CONGRESSES

Work on adsorption presented at the 10th All-Union Conference on Cathode Electronics. V. K. Medvedev, A. G. Naumovets. Kin. i kat. 3 no. 2:299-300 Mr-Ap '62.

ELECTRONICS—EQUIPMENT AND SUPPLIES

Automatic devices using cold cathode tubes. A. M. Erkin. Shkola i proizv. 8 no. 5:55-58 My '62

ELECTRONICS IN MINING

"Industrial electronics" by S. M. Gol'din Reviewed by E. S. Krichevskii, E. V. Zhilkina. Gor. zhur no. 12, 68-70 D '62.

ELECTRONS

Effect of conducting electrons on the Kapitsa temperature jump [with summary in English] A. F. Andreev. Zhur. eksp. i teor. fiz. 43 no. 4 1535-1542 O '62

Electron density fluctuations in the ionization zones of auroras. V. I. Pogorelov. Geomag. i aer. 2 no. 1: 68-70 Ja-F '62.

Inversion splitting of levels in free complexes of transition metals [with summary in English]. I. B. Bersuker. Zhur. eksp. i teor. fiz. 43 no. 4:1316-1322 O '62.

Recombination level in n-germanium under electron irradiation. L. G. Sharenko, L. S. Smirnov. Fiz. tver. tela 4 no. 8:2137-2140 Ag '62.

Spectra of γ-rays and internal conversion electrons from the reaction $Cd^{113}(n,\gamma)Cd^{114}$. L. V. Groshev and others. Izv. AN SSSR. Ser. fiz. 26 no. 8:979-992 Ag '62.

Spin-orbit interaction and the Knight shift in superconductors [with summary in English]. A. A. Abrikosov, L. P. Gor'kov. Zhur. eksp. i teor. fiz. 42 no. 4:1088-1096 Ap '62.

Superhigh vacuum obtained by means of electronically bombarded chromium. H. S. Mykhailov, H. M. Presniakova, O. M. Akymovych. Ukr. fiz. zhur. 7 no. 1:73-74 Ja '62.

ELECTRONS—CAPTURE

Electron capture and loss by fast hydrogen atoms passing through molecular gases [with summary in English]. D. V. Pilipenko, IA. M. Fogel'. Zhur. eksp. i teor. fiz. 42 no. 4:936-943 Ap '62.

Trapping of nonequilibrium current carriers on a germanium surface. V. G. Litovchenko, V. I. Liashenko. Fiz. tver. tela 4 no. 8 1985-1993 Ag '62

ELECTRONS—EMISSION

Electron and ion emissions from some materials in connection with their utilization in a thermoelectric energy converter. B. I. Mykhailovs'kyi. Ukr. fiz. zhur. 7 no. 1:75-77 Ja '62.

Electrostatic electron emission from tungsten in a wide range of current densities. I. L. Gofman. Fiz. tver. tela 4 no. 8 2005-2014 Ag '62.

Nonequilibrium electron emission from a p - n-junction in silicon. I. M. Dykman and others. Fiz. tver. tela 4 no. 8:2015-2025 Ag '62.

Stimulated photoeffect from certain dielectrics and its relation to the phenomenon of exoelectronic emission. O. D. Knab. Fiz. tver. tela 4 no. 8 2193-2200 Ag '62.

ELECTRONS—SCATTERING

Effective cross section for the scattering of slow electrons on hydrogen atoms [with summary in English]. V. N. Kolesnikov, V. V. Obukhov-Denisov. Zhur. eksp. i teor. fiz. 42 no 4 1001-1009 Ap '62.

Energy distribution of inelastically scattered electrons in solids. I. M. Bronshtein, V. S. Fovalenko. Fiz. tver. tela 4 no. 8:2047-2049 Ag '62.

Scattering of high energy electrons on electrons and the dipole structure of the electron [with summary in English]. E. M. Epshtein Zhur. eksp. i teor fiz. 42 no. 4, 1103-1105 Ap '62.

ELECTRONS—SPECTRA

Automatic apparatus for measuring conversion electron spectra by biasing the source I. M. Beskrovnyi, I. A. Kuragina, A. IA. Chorganova Izv. AN SSSR Ser. fiz. 26 no 8:1090-1092 Ag '62.

Conversion electron spectra of neutron-deficient cesium isotopes. A. A. Abdurazakov and others. Izv. AN Uz SSR, Ser. fiz.-mat nauk 6 no. 5:69-75 '62

Effect of ultrasound on the electron spectrum of a crystal. L. V. Keldysh. Fiz. tver. tela 4 no. 8:2285-2287 Ag '62.

Spectra of internal conversion electrons and positrons emitted in Re^{184} decay B. S. Dzhelepov and others. Izv AN SSSR. Ser. fiz. 26 no. 8:1030-1034 Ag '62.

ELECTROPHORESIS

Choicosis of the eye and its treatment by negative ionization. V. I. Akekseeva. Vest. oft no 4 13-18 '62.

Electrophoretic separation of soluble proteins in tumors of the human brain [with summary in English]. A. A Miul'berg, I. A. Sytinskii, T. V. Chaika Vop. med khim 8 no. 1:56-61 Ja-F '62.

Immunoelectrophoretic study of the sera of Botkin's disease patients and of animals with an experimental liver lesion. P. R. Khashimova Zdrav Tadzh. 8 no. 4, 51-54 Jl-Ag '62.

ELECTROPHYSIOLOGY

Analysis of aperiodic oscillation sums with alternating spectra using the suspended grating method. N. A Bernshtein. Biofizika 7 no. 4:377-381 '62

Effect of a UHF electrical field on the absorbtive activity of the stomach and intestines. V. R. Faitel'berg-Blank. Vrach. delo no. 8, 82-84 Ag '62

Electric activity of the isolated layer of apical dendrites in the cortex of the brain N. A. Aladzhalova, O. Kh. Koshtoiants. Dokl. AN SSSR 147 no. 2 505-508 N '62.

ELECTROPLATING

Bystrov, IU. M. [Use of ultrasonics in electroplating] Primenenie ul'trazvuka v gal'vanicheskikh proiessakh. Leningrad, 1962. 20 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom Seriia: Elektricheskie metody obrabotki materialov, no. 5)

Fedot'ev, N. P., and others. [Electrolytic alloys] Elektroliticheskie splavy. Pod red. N. P. Fedot'eva. Moskva, Mashgiz, 1962. 311 p.

ELECTROPLATING—EQUIPMENT AND SUPPLIES

Antonov, N. M. [New suspended devices for electrochemical treatment of cylindrical parts] Novye podvesnye prisposobleniia dlia elektrokhimicheskoi obrabotki tsilindricheskikh detalei. Leningrad, 1962. 17 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia. Zashchitnye pokrytiia metallov, no. 5)

ELECTROPLATING—TESTING

Investigating the interconnection between the electrodeposited metal and base metal. G. A. Kokorin, A. I. Vitkin. Shor. trud. TSNIICHM no. 28:153-159 '62.

ELECTRORETINOGRAPHY

Action of a constant current on the electroretinogram of the frog. IU. A. Trifonov, A. L. Byzov. Biofizika 7 no. 4:426-432 '62.

Bioelectrical activity of the retina in the isolated frog eye during simultaneous constant and rhythmic light stimulation. V. B. Val'tsev. Biofizika 7 no. 4:433-441 '62.

Interaction of various ocular receptors in the color vision of the cricket. G. A. Mazokhin-Porshniakov Biofizika 7 no. 4:442-448 '62.

ELECTROSTATIC SEPARATORS

Effect of conditions of gas flow on dust collections in an electric field. N. V. Inlushkin, IA. D. Averbukh. TSvet. met. 35 no. 7:37-41 Jl '62.

Electric separation of granites and pegmatites. N. M. Kainarskhov. TSvet. met. 35 no. 7 80-82 Jl '62.

Industrial testing of dielectric separation. G. S. Berger, I. N. Levin. TSvet. met. 35 no. 7 8-13 Jl '62.

ELECTROSTATIC SPRAY PAINTING see Spray painting, Electrostatic

ELECTROSURGERY

Immediate and late results of treating chronic endocervicitis and erosions of the cervix uteri with diathermoexcision [with summary in English]. E. V. Melzhaninov. Akush. i gin. no. 1:87-91 '62.

Treatment of varicose veins of the lower extremities by the method of electrocoagulation. A. N. Muranov. Vest. khir. no. 5:72-74 '62.

ELECTROTHERAPEUTICS

Air ionization in franklinization. M. I Salmanova. Vop. kur., fizioter. i lech. fiz. kul't. 27 no. 2 139-141 Mr-Ap '62.

ELEMENTARY EDUCATION see Education, Elementary

ELEVATORS

New elevator for derrick man B. A Kostin Bezop. truda v prom 6 no 6, 22 Je '62.

ELEVATORS—LAWS AND REGULATIONS

Russia (1923- U.S.S.R.) Komitet po nadzoru za bezopasnym vedeniem rabot v promyshlennosti i gornoma nadzoru. [Regulations for the installation and safe operation of elevators; mandatory for all ministries and departments] Pravila ustroistva i bezopasnoi eksploatatsii liftov; obiazatel'ny dlia vsekh ministerstv i vedomstv. Izd 4. Moskva, Gosgortekhizdat, 1961. 71 p.

ELK see subdivision under Kulim Valley; Russia, Northern

EMBA VALLEY—GERBILS

Present border of the area and characteristics of the colonies of the gerbil Rhombomys opimus Licht. in the Ural-Emba Plain [with summary in English] A. E. Starikov, D. V. Poliakov, V. B. Sil'verstov. Zool. zhur. 41 no. 9 1402-1408 S '62.

EMBANKMENTS

Deformations in embankments for construction on permafrost soils A. L. IAstrebov. Izv. ASiA 4 no. 1:76-80 '62.

EMBOLISM

Embolectomy during mitral commissurotomy. E. M. Vovchenko, P. F Demidiuk Klin khir no 6:63-64 Jl '62.

Intestinal infarction of venous origin; a survey of the literature. V. K. Tumanskii, M. P. Rubin. Sov. med. 26 no. 7:67-71 Jl '62.

Thromboembolism of the large vessels in children with toxic diphtheria of the pharynx and hemorrhagic syndrome. K. G. Petrova, N. Abdiev, B. Kabizhanov. Zdrav. Kazakh. 22 no. 6:33-36 '62.

EMBRYOLOGY

Viazov, O. E. [Immunology of embryogenesis] Immunologiia embriogeneza. Moskva, Medgiz, 1962. 326 p. (DNLM)

EMBRYOLOGY—BIRDS

Histogenesis of hemopoietic organs in ducks during the embryonic period of development. M. IU. Pylypenko. Nauk. pratsi Ukr. nauk.-dosl. inst. ptakiv. 9 no. 1:97-100 '61.

Studying the dynamics of phosphoprotein phosphatase activity during the development of a chick embryo. G. T. Adonts, A. A. Simonian. Izv. AN Arm. SSR, Biol. nauki 15 no. 9:35-45 S '62.

EMBRYOLOGY—FISHES

First appearance of hemoglobin in embryos of the rainbow trout (Salmo irideus Gibbons). I. N. Ostroumova. Dokl. AN SSSR 147 no. 1:263-264 N '62.

Role of the inner (primary) egg membrane in pike perch [with summary in English]. O. D. Romanycheva. Zool. zhur. 41 no. 9:1432- S '62.

EMISSION, SECONDARY ELECTRON see Secondary electron emission

EMOTIONS

Emotional disorders in patients with acquired heart defects in connection with their surgical treatment [with summary in French]. V. V. Kovalev. Zhur nevr. i psikh. 62 no. 6:910-915 '62.

EMPLOYEES, DISMISSAL OF

Dismissal of employees for a systematic failure to fulfill their work duties. V. Sergeev. Okhr. truda i sots. strakh. 5 no. 10:44 O '62.

Liability of the person responsible for an industrial accident and illegal dismissal. V. Skobelkin. Okhr. truda i sots. strakh. 5 no. 10:42 O '62.

EMPLOYEES, IDENTIFICATION OF see Labor passports

EMPLOYEES, TRAINING OF

An "institute for the training of workers." P. Loginov. Agitator no. 24 46 D '62.

EMPLOYEES' REPRESENTATION IN MANAGEMENT

Forms and methods of public supervision over the management of government-owned industrial enterprises. E. P. Popova. Izv. vys. ucheb. zav., prav. 6 no. 3, 115-125 '62.

Lenin's idea of control by the workers and attempts to carry it out in March-October 1917. P. V. Volobuev. Vop. ist. KPSS 6 no. 6: 39-55 '62.

EMPLOYERS' LIABILITY

Liability of the person responsible for an industrial accident and illegal dismissal. V. Skobelkin. Okhr. truda i sots. strakh. 5 no. 10, 42 O '62.

EMPLOYMENT AND AGE see Age and employment

EMPLOYMENT OF STUDENTS see Student employment

EMPYEMA

Late results of pleurectomy in tuberculous empyema [with summary in English] N. I. Bondar', L. P. Rymko. Sov. med. 26 no. 10 70-76 O '62.

EMULSIONS

Investigating the process of emulsification in the ultrasonic apparatus. N. I. Kozin, A. A. Smotrin. Izv. vys. ucheb. zav., pishch. tekh. no 4: 53-58 '62

Some laws governing emulsion polymerization. S. S. Medvedev and others. Probl. fiz. khim. no. 1: 5-17 '58.

EMULSIONS, PHOTOGRAPHIC see Photographic Emulsions

ENCEPHALITIS

Clinical aspects of postvaccinal smallpox meningo-encephalitis [with summary in English]. T. E. Margolina. Sov. med. 26 no. 7: 100-102 Jl '62.

Concerning the cartography of territories of natural focus infections of man in general and acarid-bite encephalitis in particular. N. B. Birulia. Vop. ekol. 4: 90-92 '62.

Dry tissue vaccine for preventing tick-borne encephalitis. B. F. Semenov and others. Vop. virus. 7 no. 5: 613-614 S-O '62.

Epidemiological analysis as a basis for the prevention of tick-borne encephalitis [with summary in English]. V. N. Beklemishev. Zhur. mikrobiol., epid. i immun. 32 no. 12: 33-38 D '61.

ENCEPHALITIS—PREVENTIVE INOCULATION

Effect of hormones (cortisone and ACTH) on vaccinal immunity against tick-borne encephalitis in an experiment [with summary in English]. B. O. Trukhmanov, Iu. V. Fedorov. Vop. virus. 7 no. 5: 537-539 S-O '62.

ENCEPHALITIS VIRUSES

Comparative sensitivity of the cells in primary cultures of various swine embryo tissues to the destructive action of the tick-borne encephalitis virus [with summary in English]. O. G. Andzhaparidze, N. N. Bogomolova, R. I. Rapoport. Vop. virus. 7 no. 5: 534-538 S-O '62.

Titration of the tick-borne encephalitis virus and virus-neutralizing antibodies in a culture of human embryonal fibroblasts by the poliomyelitis virus interference phenomenon [with summary in English]. A. D. Al'shtein. Vop. virus. 7 no. 5: 529-534 S-O '62.

ENDOCARDITIS

Hormone therapy in chronic septic endocarditis [with summary in English]. A. A. Demin, N. A. Trostina. Sov. med. 26 no. 6: 24-30 Je '62.

ENDOCRINOLOGY

Role of endocrine regulation disorders in the development of tumors [with summary in English]. R. E. Kavetskii, N. M. Turkevich. Vop. onk. 8 no. 6, 81-89 '62.

ENERGY-BAND THEORY OF SOLIDS

On certain properties of the exciton absorption spectrum of a sodium uranyl acetate crystal [with summary in English]. M. S. Brodin, IA. O. Dovgyi. Ukr. fiz. zhur. 7 no. 1: 31-36 Ja '62.

ENGINEERING GEOLOGY

G. N. Kamenskii's theory of engineering-geology phenomena and its role in the development of Soviet engineering geology. I. V. Popov. Trudy Lab. gidrogeol. probl. 40: 15-22 '62.

ENGINEERING LABORATORIES

Collaboration with institutes. Work of the Central Laboratory of the Moscow Small Automobile Factory. V. E. Ermakov. Zav. lab. 28 no. 11: 1390 '62.

Scientific research work of the Central Laboratory of the Kuibyshev Machine Manufacturing Plant. V. P. Bulgakov. Zav. lab. 28 no. 11: 1390-1391 '62.

ENGINEERS

(see also subdivision under United States)

A diagram. Blok. sgit. [for Ukr.] no. 30: 52 O '59.

ENGINES

Studying the great program of the development of communism in the process of teaching physics. A. S. Enokhovich Fiz. v shkole 22 no. 2: 13-19 Mr-Ap '62

ENGINES—COOLING

Improving the quality of water for engine cooling S. I. Melamed. Uch. zap. Mord. gos. un. no. 13: 213-217 '60.

ENGINES—MAINTENANCE AND REPAIR

Improving the running-in of engines during repair L. M. Zil'berminta Uch. zap. Mord. gos. un. no. 13: 218-224 '60.

ENGLISH LANGUAGE—DICTIONARIES—RUSSIAN

Akademiia nauk SSSR. Matematicheskii institut. [English-Russian mathematical dictionary] Anglo-russkii slovar' matematicheskikh terminov. Red. kollegiia. P. S. Aleksandrov (predsedatel') i dr. Moskva, Izd-vo inostr. lit-ry, 1962. 369 p.

Chernukhin, A. E. ed. [English-Russian technical dictionary] Anglo-russkii politekhnicheskii slovar'. Moskva, Gtav. red. inostr. nauchno-tekhn. slovarei Fizmatgiza, 1962. 663 p.

Nartov, I. M., comp. [English-Russian dictionary on gas turbine systems, with a supplementary alphabetical index of Russian terms] Anglo-russkii slovar' po gazoturbinnym ustanovkam; s prilozheniem alfavitnogo ukazatelia russkikh terminov. Leningrad, Sudpromgiz, 1962. 214 p.

ENGLISH LANGUAGE—GRAMMAR

Gundrizer, V. R., and A. S. Landa. [English language textbook for higher technical schools] Uchebnik angliiskogo iazyka dlia vtuzov. Izd. 4., sokrashchennoe. Moskva, Vysshaia shkola, 1962. 366 p.

ENGLISH LANGUAGE—SLANG

Linguistic essence of present-day English "slang." M. M. Makovskii. Inostr. iaz. v shkole no 4: 102-113 Jl-Ag '62.

ENGLISH LANGUAGE—SPOKEN ENGLISH

Oral introductory course in the fifth grade V. N. Saakiants. Inostr. iaz. v shkole no 4: 9-16 Jl-Ag '62

Oral practice in the English language lessons. A. V. Greiser. Inostr. iaz. v shkole no. 4: 50-59 Jl-Ag '62.

ENGLISH LANGUAGE—STUDY AND TEACHING

(see also subdivision under Ashkhabad)

Elementary stage of teaching the English language in schools where some subjects are taught in a foreign language. L. L. Shaverneva. Inostr. iaz. v shkole no. 4: 73-76 Jl-Ag '62.

Evening dedicated to the English language. S. I. Politikov. Inostr. iaz. v shkole no. 4: 84-85 Jl-Ag '62.

Independent work of the grade nine and ten students in the English language. N. I. Kurbanov. Inostr. iaz. v shkole no. 4: 86-88 Jl-Ag '62.

Radio in a school where some subjects are taught in English. E. M. Gzhatiants, N. P. Kriachun, V. I. Sheinina Inostr. iaz. v shkole no 4: 69-73 Jl-Ag '62.

Use of proverbs and sayings in teaching the English language. N. M. Kravchenko. Sred. spets. obr. 9 no. 10: 40-43 O '62.

ENGLISH LANGUAGE—TECHNICAL ENGLISH

Gundrizer, V. R., and A. S. Landa. [English language textbook for higher technical schools] Uchebnik angliiskogo iazyka dlia vtuzov. Izd. 4., sokrashchennoe. Moskva, Vysshaia shkola, 1962. 366 p.

ENGLISH LANGUAGE—TEXTBOOKS see subdivision under Uzbekistan

ENGLISH LANGUAGE—TEXTBOOKS FOR FOREIGNERS

Doroshkevich, N. O., V. P. Mandrik, and M. S. Smirnova. [The English language in sea navigation] Angliiskii iazyk dlia sudovoditelei. Moskva, Morskoi transport, 1962. 221 p.

ENGLISH PERIODICALS

"The Journal of African History." Vols. 1-2, 1960-1961. Reviewed by S. L. Kuznetsova. Nar. Az. i Afr. no 6: 142-149 '62.

ENGRAVINGS—EXHIBITIONS

Art for the masses. Iu. Turchenko. Ukraina no. 22: 32 N '62.

ENSEMBLES (MATHEMATICS) see Aggregates

ENSILAGE

(see also subdivision under Armenia)

Effect of feeding various mixed silage types on the productivity of laying hens. I. IA. Tytskyi. Nauk. pratsi Ukr. nauk.-dosl. inst. ptakh. 9 no. 1: 53-61 '61.

Theoretical foundations of efficient ensilage methods (to be continued). A. A. Zubrilin. Zhivotnovodstvo 23 no. 2: 7-14 F '61.

ENTHALPY

Physical meaning of the concept enthalpy. A. F. Kotin. Trudy GPI 15 no. 1: 96-101 '61 [i.e. '59].

ENTIRE FUNCTIONS see Functions, Entire

ENTOMOLOGICAL RESEARCH

Determining the weight of the blowfly [illegible] erythrocephala Mg. by the weight of [illegible] Viktorov-Nabokov. Vop. ekol. 4, 95 [illegible]

Methods of quantitative determination [illegible] soil G. M. Dlusskii. Vop. ekol. 4: [illegible]

ENTOMOLOGICAL RESEARCH - EQUIPMENT AND SUPPLIES

Merike's dishes. K. Novak. Vop. ekol. [illegible]

ENTOMOLOGICAL SOCIETIES

The 100th anniversary of the All Union [illegible] Society G. IA. Bei-Bienko [illegible] bol 4 no. 6: 15-17 N-D '59

Report on the activities of the All Union [illegible] Society of the Academy of Sciences of [illegible] 1961. Ent. oboz 41 no. 2: 475 [illegible]

ENTOMOLOGY—RESEARCH see Entomological research

ENZYMES

Effect of strophanthin on the activity of [illegible] the carbohydrate-phosphate metabolism [illegible] dium. N. M. Dmitrieva, K. I. Rubchi[illegible] toka. 24 no. 6: 719-723 N-D '61

The enzymes ribonuclease, adenosinetriphosphatase, pyrophosphatase, and aminophenone [illegible] the contents of the rumen of dairy [illegible] Hermannuk. Visnyk sil'hosp nauky [illegible] My '62

Hormone-enzyme treatment of chemical [illegible] esophagus in an experiment [with summary] B. K. Volkov. Zhur. nevr. i psikh. [illegible] N-D '61

Importance of luminescence microscopy [illegible] the determination of enzyme activity [illegible] aminase and alkaline phosphatase) in [illegible] diagnosis of jaundices of various [illegible] mary in English]. E. A. Mikhailova. [illegible] no. 69: 89-97 '61.

Serine as the element of the active center [illegible] zymes N. P. Lisovskaia. Usp. sovr. biol. [illegible] 25-43 Jl-Ag '62

"Toxin-enzyme" hypothesis and the role [illegible] zymes in the pathogenesis of infectious [illegible] skii Usp. sovr. biol. 54 no. 1(4): 70 [illegible]

Unsynchronous formation of systems [illegible] enzymes in the cells of different parts [illegible] of rats in postnatal ontogenesis. Iu. V. [illegible] Dokl. AN SSSR 147 no. 2: 509-512 N '62.

EOSINOPHILES

Leukemoid reactions of the eosinophilic [illegible] I. M. Fradkin. Probl. gemat. i perel. krovi [illegible] '62.

Pathogenesis of the eosinopenic reaction [illegible] states; report no. 1 [with summary] [illegible] Kolpakov, V. I. Fedenkov, O. V. [illegible] endok. i gorm. 8 no. 4: 19-23 Jl-Ag '62.

EPIC LITERATURE, ALTAI

Surazakov, S. S. [Heroic legend about the [illegible] Buuchal] Geroicheskoe skazanie o bogatyre [illegible] chae. [Gorno-Altaisk] Gorno-Altaiskoe [illegible] vo, 1961. 177 p. (MH)

EPIC LITERATURE, BYZANTINE

Kuz'mina, V. D. [Digenes Acritas; deeds of [illegible] in ancient history] Dvorentsovo deianie, [illegible] nikh vremen khrabrykh chelovek. Moskva, Izd. Akad. nauk SSSR, 1962. 254 p.

EPICHLOROHYDRIN

Polymerization of some organic oxides [illegible] merization of epichlorohydrin [with summary] L. A. Bakalo, B. A. Krentsel', A. V. [illegible] soed 4 no. 9: 1361-1365 S '62.

EPIDEMIOLOGY

[Military epidemiology] Voennaia epidemiologiia. Leningrad, Medgiz, 1962. 135 p. (DNLM)

EPIDEMIOLOGY—ABSTRACTS

Annotations. Zhur. mikrobiol., epid. i immun. 32 no. 12: 120-125 D '61.

EPIDERMIS

Changes, similar to molluscum contagiosum, [illegible] dermis in keratoacanthoma and in [illegible] plasma of the lower lip and skin [with summary] [illegible] lish]. M. F. Glazunov. Vop. onk. 8 no. [illegible]

EPIDIDYMIS—TUMORS

Mesothelioma of the epididymis. I. V. Tityuk [illegible] 27 no. 4: 65 Jl-Ag '62.

EPIGRAPHY see Inscriptions

EPILEPSY

Disorders of the menstrual cycle in epilepsy. [illegible] Tumilovich. Akush. i gin. no. 1: 48-50 '62.

EPINEPHRIN see Adrenaline

EPIPHYTES

Tropical forest on the limestones of Yunnan (Chinese People's Republic) and the origin of epiphytes A G Voronov, T V. Malysheva. Biul. MOIP Otd biol 67 no. 3;146-147 My-Je '62.

EPOXY COMPOUNDS

Unit for the preparation of epoxide compounds. A K. Navrotskii. Plast. massy no 10:63-64 '62

EPOXY RESINS

Thermomechanical and electrical properties of epoxy-polysiloxane polymers of various composition [with summary in English] K A Andrianov, G E Gotubkov. Vysokom soed 4 no. 9 1375-1379 S '62

EQUATION OF STATE

Problem of the equation of state of condensed media. Theoretical part A. S. Predvoditelev Inzh -fiz. zhur. 5 no. 8,108-128 Ag '62.

EQUATIONS, QUADRATIC

Survey of materials on the topic "Quadratic equations" Mat v shkole no 4 80-86 Jl-Ag '62

EQUILIBRIUM

A unified law of the shifting of equilibrium. A.A. Akopian. Izv.AN Arm.SSR.Ser.fiz.-mat.nauk 15 no.5:99-117 '62.

EQUILIBRIUM, VAPOR-LIQUID see Vapor-liquid equilibrium

ERBIUM

Coulomb excitation of the 532 kev. level in Er^{167}. IU. P. Gangrskii, I Kh Lemberg. Izv. AN SSSR. Ser. fiz. 26 no. 8;1027-1028 Ag '62

Multipole γ-transitions at energies of 208 and 532 kev in the Er^{167} nucleus O D. Kovrigin and others Izv. AN SSSR Ser. fiz. 26 no 8;1028-1030 Ag '62.

On the nature of the 531.8 Kev. level of Er^{167}. B.S. Dzelepov and others. Dokl.AN SSSR 146 no.4:789-792 O '62.

ERBIUM—ISOTOPES

Conversion electron spectra of neutron-deficient erbium isotopes. A A. Abdurazakov and others. Izv. AN Uz SSR. Ser. fiz.-mat. nauk 6 no. 5 69-76 '62

ERGOCALCIFEROL

Changes in the phosphates and calcium of the blood and tissue following the administration of vitamin D2 G. I. Kiselev. Farm. i toks. 24 no. 6:738-741 N-D '61.

Treatment of myelomic disease [with summary in English] A. N. Grigor'iants, M. A. Volkova. Sov. med. 26 no. 7,20-23 Jl '62.

ERGOMETER see Dynamometer

ERIVAN—LATHES

Semiautomatic ET34A and ET34B model hydraulic copying lathes. Prom. Arm. 5 no. 10;35 O '62.

ERIVAN—OILS AND FATS

Plant expansion Kh. A. Martirosian. Masl. zhir. prom 28 no. 7:43-45 Jl '62.

ERIVAN—TRADE SCHOOLS—HYGIENIC ASPECTS

Sanitary and hygienic characteristics of trade schools in the city of Erivan. G. G. Nikogosian, V. R Akopian. Trudy Erev. med. inst. no. 11 189-103 '60.

EROSION

(see also subdivision under Carpathian Mountains; Central Russian Upland; China; Ukraine)

Determination of alluvial plain erosion from data of laboratory studies. M. V. Soboleva. Trudy Gidrav. lab. VODGEO no. 8;82-90 '62.

EROSION—CONGRESSES

Intercollege conference on the scientific and practical aspects of soil erosion and its control P. G Aderkhin, I A. Santalov. Pochvovedenie no. 10 114 O '62

ERYTHEMA

Ocular lesions in the Stevens-Johnson syndrome. L. M. TSipenIuk. Vest. oft. no 4:45-47 '62.

ERYTHREMIA

Changes in the blood system of dogs under the influence of varying methods of injecting cobalt salts, a method for producing experimental cobalt polycythemia. E. Krumina. Izv. AN Latv. SSR no. 7;101-106 '62.

Polycythemia with liver cirrhosis. A. A. Binkun, N. G. Kolesnikova. Probl. gemat. i perel. krovi no. 11;53-55 '62.

ERYTHROCYTES

Physical principles of the change in the distribution of erythrocytes in suspensions during the course of time. P. A. Podrabinek, I. I. Kazakevich. Biofizika 7 no. 4: 488-491 '62.

Problem of detecting sex dimorphism in ducks by hematologic indices. M. IU. Pylypenko. Nauk pratsi Ukr. nauk.-dosl. inst. ptakh. 9 no. 1;101-103 '61.

ERYTHROMYCIN

Erythromycin and its use in infants with pneumonia N A Saevich Zdrav Bel 8 no 2 26-28 F '62.

Study of the sorption of erythromycin by cation exchange resins. G. V. Samsonov, L. P. Fleer. Trudy Len khim. farm. inst. no. 15;225-232 '62.

ESCHERICHIA COLI

Pyridine peptides from acid-soluble Escherichia coli fractions [with summary in English] M F Khanina, T V Venkstern, A A Baev Biokhimiia 27 no 4. 752-757 Jl-Ag '62

ESKIMOS—ANTIQUITIES see subdivision under Alaska

ESOPHAGUS—CANCER

Significance of azygography in solving the problem of the operability of cancer of the lungs and esophagus. A A. Chervinskii, Z. F. Selivanova, S. Z. Fradkin. Vest khir no. 6;30-36 '62.

ESOPHAGUS—DIVERTICULA

Large epiphrenal diverticulum of the esophagus M. N Gurevich. Khirurgiia no. 12;105-105 '61

ESOPHAGUS—EXPLORATION

Some characteristics of esophagoscopy in impacted foreign bodies A P Misharin, N. P Evseeva Zhur ush., nos i gorl bol 22 no. 2,65-66 Mr-Ap '62

Tracheobronchoesophagoscopy under intravenous barbiturate anesthesia under conditions of apnea [with summary in English] G. R Khondadze, G M. TSanava. Khirurgiia no 12 27-29 '61.

ESOPHAGUS—FOREIGN BODIES

Some characteristics of esophagoscopy in impacted foreign bodies A P Misharin, N. P. Evseeva Zhur ush., nos i gorl. bol 22 no. 2,65-66 Mr-Ap '62

ESOPHAGUS—RADIOGRAPHY

Method for X-ray study of cicatricial stenosis of the esophagus [with summary in English] L G. Rozenfel'd Zhur ush., nos. i gort bol 22 no 2 42-44 Mr-Ap '62

ESOPHAGUS—SURGERY

Extirpation of the esophagus and stomach for cancer. G. G. Shneider. Vest. khir. no 5;70-71 '62.

Intrathoracic segmental esophagoplasty with the small intestine. G. E. Ostroverkhov, R. A. Toshchakov. Vest khir. no. 6;11-20 '62.

Peterson, B. E. [Anastomoses in gastrectomies and resection of the esophagus] Anastomozy prigastrektomii i rezektsii pishchevoda. Moskva, Medgiz, 1962. 166 p. (DNLM)

State of gastric secretion, motility and evacuation after plastic operations on the esophagus for tumors [with summary in English] A. I. Kuznetsov. Vest. khir. no. 6;24-30 '62.

Surgery for reflux esophagitis following intrathoracic esophagogastroanastomosis [with summary in English] V. Rapant. Khirurgiia no. 12;39-44 '61.

ESOPHAGUS—TUMORS

Fibromyoma of the esophagus. S. V. Altaev. Vest. khir. no. 6;73-76 '62.

Leiomyoma of the esophagus. G. A. PodolIak. Vest. khir. no. 6;72-73 '62.

ESOPHAGUS—ULCERS

Peptic ulcer of the esophagus A. M. Khelimskii. Khirurgiia no. 12,104-105 '61.

ESOPHAGUS—WOUNDS AND INJURIES

Hormone-enzyme treatment of chemical burns of the esophagus in an experiment [with summary in English] B K Volkov. Zhur ush., nos i gorl. bol 21 no. 6-23-28 N-D '61

Use of L-103 hydrolysine for feeding patients with injuries of the esophagus [with summary in English] I T Batiunin. Zhur ush., nos. i gorl. bol. 22 no. 2: 40-42 Mr-Ap '62.

ESPIONAGE, AMERICAN

"Unveiled secrets" by V. N. Minaev. Reviewed by G. Mesionzhnik, A. Zaretskii Komm. Mold. 7 no. 7,78-79 Jl '62.

ESTERASES

Chromatographic behavior of purified liver esterase in hydroxylapatite columns [with summary in English] S A Kibardin Biokhimiia 27 no. 4:636-640 Jl-Ag '62.

Mechanism of the action of pyrocatechol as an esterase model [with summary in English]. V I Rozengart, L. V Shepshelevich. Biokhimiia 27 no 4:689-697 Jl-Ag '62

ESTERIFICATION

Reesterification of phosphites and phosphinites with substituted alcohols. K.A. Petrov, E.E. Nifant'ev, R.G. Gol'tsova. Zhur. ob. khim. 32 no. 11;3716-3720 N '62.

Synthesis and reesterification of diphenyl phosphite. K.A. Petrov and others. Zhur. ob. khim. 32 no. 11; 3723-3727 N '62.

ESTERS

Esters of phosphorus acids with different radicals. Part 4 Synthesis of alkylaryl phosphites, chloro- and fluorophosphates. F. I. Maklaev and others. Zhur. ob. khim. 32 no. 10,3421-3425 O '62

Molding compounds based on hardening polyesters. Polyester glass fibers E B Trostianskaia, V M Vinogradov, IU N Kazanskii. Plast massy no 10 14-16 '62

Reaction of iminoesters with phosphorus pentachloride. G. I. Derkach, L. I. Samarai, A. V. Kirsanov. Zhur. ob. khim. 32 no. 11,3761-3764 N '62.

Some polyesters of bis-(hydroxymethyl) tetramethyldisiloxane [with summary in English] M A Bulatov, S S Spasskii, S G Mishina Vysokom soed 4 no 9 1310-1313 S '62

Syntheses in 1, 3, 5-triazine series. Part 1; Preparation of 2, 4, 6-trialkyl (aryl)-1, 3, 5-triazines from iminoesters. A. IA. IAkubovich and others. Zhur. ob khim. 32 no. 10 3400-3417 O '62.

Synthesis of diethylglycine esters of methylbenzoylcarbinol and phenylacetylcarbinol. N. V Khromov-Borisov, N. I. Kudriashova, M N. Bobrova. Zhur. ob. khim. no. 10;3207-3211 O '62.

ESTONIA

Tarmisto, V., comp. [The Estonian S. S. R. Translated from the Estonian] Estonskaia SSR. Tallinn, Estonskoe gos. izd-vo, 1962. 635 p.

ESTONIA—AGRICULTURAL RESEARCH

Eesti Pollumajanduse akademiia. [Tenth anniversary of the Scientific Students' Society (1951-1961)] Kumme aastat Uliopilaste Teaduslikku Uhingut, 1951-1961. Tartu, 1962. 103 p. [In Estonian with summary in Russian]

ESTONIA—COLLECTIVE FARMS

Schneider, Heinrich. [Intercollective farm organizations and their legal status in the Estonian S. S. R.] Kolhoosidevahelised organisatsioonid ja nende oigusiik seisund Eesti NSV-s. Tallinn, Eesti Riiklik Kirjastus, 1961. 121 p. [In Estonian]

ESTONIA—EXERCISE THERAPY—CONGRESSES

Fourth Republic Conference on Research and Practice on Method in Sports and Exercise Therapy in the Estonian S. S. R. F. G. Markusas. Teor. i prak. fiz kul't. 25 no. 8,77-78 Ag '62.

ESTONIA—FAMILY

Some aspects of the present-day family and marriage in maritime districts of the southwestern Estonia A. A. Luts Trudy Inst etn. 77:94-113 '62

ESTONIA—HISTORY

Conference of historians of the Estonian S. S. R. A. Birons Izv AN Latv. SSR no 7,129-131 '62.

ESTONIA—MINE ROOF BOLTING

Experimental use of adjustable wooden rod bolting. V. G. Beskaravainyi. Gor. zhur. no. 6;30-31 Je '62.

ESTONIA—NEUROLOGY

"Problems in clinical neurology and psychiatry. Collected works of neuropathologists, neurosurgeons and psychiatrists in Estonia Vol. 1 Tallinn, 1961." Reviewed by I. A. Stankevich. Zhur. nevr. i paikh 62 no. 5,950-951 '62.

ESTONIA—POLITICS AND GOVERNMENT

Estonian S. S. R. Ulemnoukogu. [Verbatim report of the third session of the Fifth Supreme Soviet of the Estonian S. S. R., August 18-19, 1960] Eesti NSV Ulemnoukogu viienda koosseisu, kolmas istungjark, 18-19 augustil 1960, stenogramm. Tallinn, Eesti Riiklik Kirjastus, 1960. 129 p. [In Estonian]

ESTONIA—PSYCHIATRY

"Problems in clinical neurology and psychiatry Collected works of neuropathologists, neurosurgeons and psychiatrists in Estonia Vol. I Tallinn, 1961." Reviewed by I. A. Stankevich. Zhur nevr. i paikh. 62 no. 6;950-951 '62.

ESTONIA—REVOLUTION, 1917-1921

Case of Juan Rnot. E Zaidel'son. Ogonek 40 no. 45: 17 N '62.

ESTONIA—RURAL CONDITIONS

Some aspects of the present-day family and marriage in maritime districts of the southwestern Estonia. A A. Luts. Trudy Inst. etn. 77:94-113 '62.

ESTONIA—SOVIETS

Study groups and lectures for the personnel of local soviets. Part. zhizn' Kazakh. 32 no. 11;68 N '62.

ESTONIA—SPORTS MEDICINE—CONGRESSES

Fourth Republic Conference on Research and Practice on Method in Sports and Exercise Therapy in the Estonian S. S. R. F. G. Markusas. Teor. i prak. fiz. kul't. 25 no. 8;77-78 Ag '62.

ESTONIA—STUDENTS' SOCIETIES

Eesti Pollumajanduse akademiia. [Tenth anniversary of the Scientific Students' Society (1951-1961)] Kumme aastat Uliopilaste Teaduslikku Uhingut, 1951-1961. Tartu, 1962. 103 p. [In Estonian with summary in Russian]

ESTONIAN LITERATURE—PERIODICALS
"Keel' ja kirjandus" ("Language and literature"), nos. 5-6, 1962. Vop. lit. 6 no 8:232-233 Ag '62.

ESTROGENS
Resistence to estrogens in the treatment of prostatic cancer. L. I. Dunaevskii. Urologiia no. 1:63-68 '62
Treatment of patients with climacteric disorders with climacterin [with summary in English]. Sh. M. Koridze, L. L. Sebiskveradze. Akush. i gin. no. 1:22-23 '62.

ESTRONE
Estrone V. N Leonov Priroda 51 no. 11 99-101 N '62

ESTRUS
Content of luteinizing hormone in the hypophysis of rats with prolonged estrus [with summary in English]. IA M. Kabak, E. V. Sokolova. Biul. eksp. biol. i med. 54 no. 7 90-93 Jl '62.

ETARD'S REACTION
Kinetic isotopic effect of deuterium in the Etard reaction. I. P. Gragerov, M. P. Ponomarchuk. Zhur. ob. khim. 32 no 11 3568-3575 N '62.

ETHANE
Determination of the rate constant of the reaction between atomic oxygen and ethane. V. V. Azatian, A. B. Nalbandian, TSui Men-IUan' [TSui Meng-yuan]. Dokl. AN SSSR 147 no. 2:361-364 N '62.

ETHANESULFONIC ACID
Use of thiols in analysis. Part 1: Acid properties of 2, 3-β, γ-dimercaptopropylmercaptoethanesulfonic and 2, 3-β, γ-dimercaptohydroxyethanesulfonic acid and their long-period stability. A T Pilipenko, O. P. Riabushko Ukr khim. zhur. 28 no. 8 955-959 '62

ETHANETHIOL
Changes in gas exchange in rats after the intra-abdominal administration of cysteine and cysteamine [with summary in English] A Vacek. Med rad. 7 no. 7. 57-62 Jl '62

ETHANOL
Growing lanthanum ethyl sulfate single crystals with gadolinium and cerium ethyl sulfate impurities and their physical properties [with summary in English]. S. A. Pieskovats'kyi and others. Ukr. fiz. zhur. 7 no. 1:22-30 Ja '62.
Separation of ethylene chlorohydrin from aqueous solutions by azeotropic rectification. V B. Kogan, S K Ogorodnikov Khim. prom no 9 660-663 S '62.

ETHER (ANESTHETIC)—TOXICOLOGY
Fatal outcome as a result of using ether anesthesia. N N Veprikov. Klin khir no 8 65-66 Jl '62

ETHERS
Chemistry of unsaturated ethers Part 14: New method of preparing retinene (aldehyde of vitamin A). S. M. Makin Zhur. ob khim. 32 no. 10 3159-3161 O '62.
Chemistry of unsaturated ethers. Part 15 Telomerization of vinyl ethyl ether with acetaldehyde acetal. Synthesis of 1-alkoxypolyenes. S. M. Makin, V. S. Sudakova Zhur. ob khim. 32 no. 10 3161-3166 O '62.
Chemistry of vinylacetylene. Part 30: Synthesis and transformations of vinylacetylenic cresols and their ethers. S A. Vartanian, S. K. Vardapetian, Sh. O. Badanian. Zhur. ob khim. 32 no. 10:3188-3195 O '62.
Glycol ethers and their derivatives. Part 48: Synthesis of alkoxymethylbenzyl ethers. Shamkhal-Mamedov, M. A. Avanesian, B. M. Alieva. Zhur. ob. khim. 32 no. 11:3535-3539 N '62.
Oxide compounds. Part 14: Preparation of some phenyl-substituted α,β -alcohol oxides and their reactions with aniline and o-toluidine. V. I. Pansevich-Koliada, B. K. Bogush. Zhur. ob. khim. 32 no. 11:3552-3556 N '62.

ETHIOPIC LITERATURE
The "Story of Hadani Dan'el's Campaign" (with summary in English, p 228) IU M. Kobishchanov Nar Az. i Afr no 6 119-125 '62.

ETHNIC TYPES see subdivision under Uzbekistan

ETHNOLOGICAL MUSEUMS AND COLLECTIONS
A session dedicated to the contemporary problems of ethnography and ethnographic museums. G. S Maslova, T V. Stanlukovich. Sov etn. no 5:139-143 S-O '62

ETHNOLOGICAL RESEARCH see subdivision under Armenia

ETHNOLOGY
(see also subdivision under Angara Valley; Chardzhou Province; Jamaica; Nepal; Pacific Area; United States; Vietnam, North; Volga Valley)
Ethnogenic process and archaeology. P. N. Tret'iakov. Sov. arkheol. 6 no. 4 3-16 '62.
A session dedicated to the contemporary problems of ethnography and ethnographic museums. G. S. Maslova, T V Stanlukovich. Sov. etn. no. 5:139-143 S-O '62.

ETHNOLOGY—BIBLIOGRAPHY see Bibliography—Ethnology

ETHNOLOGY—CONGRESSES
The Second Session of the Working Organizational Committee of the Seventh International Congress of Anthropological and Ethnological Sciences K V IAkimova Sov. etn no. 5:146-147 S-O '62

ETHNOLOGY—PERIODICALS see subdivision under Slovakia

ETHNOLOGY—SOCIETIES, ETC see subdivision under Kazan

ETHYL ALCOHOL
Chemical equilibrium in the system ethylene - water - ethyl alcohol at high pressures and temperatures. D. S. TSiklis, A. I. Kulikova. Khim. prom. no. 6:413-418 Je '62.

ETHYL SULFATE
Action of chlorosulfurous acid on alkyl sulfuric acids. Simple method of preparing diethyl sulfate. M. IA. Kraft, F. V. Liutina. Zhur. ob. khim. 32 no. 11:3493-3495 N '62.

ETHYLAMINE
Formation of polymethylene ammonium cycles. Part 2: Synthesis and conversions of some benzilic acid esters. D. V. Ioffe, S. G. Kuznetsov. Zhur. ob. khim. 32 no. 10: 3237-3244 O '62.

ETHYLENE
Adhesion of polytetrafluoroethyle to metals [with summary in English] A IA Korolev, V I Bek, N A Grishin Vysokom soed. 4 no. 9 1411-1415 S '62.
Chemical equilibrium in the system ethylene -water ethyl alcohol at high pressures and temperatures. D. S. TSiklis, A. I. Kulikova. Khim. prom. no. 6,413-418 Je '62.
Effect of preparation techniques on the specific activity of silver in ethylene oxidation. A. A. Belaia, M. IA. Rubanik. Kin. i kat. 3 no. 2:201-207 Mr-Ap '62.
Kinetics of ethylene catalytic oxidation. A. I. Kurilenko and others. Kin. i kat. 3 no. 2:208-213 Mr-Ap '62.
Kinetics of ethylene oxidation by palladium salts in aqueous solutions. M. N. Vargaftik, I. I. Moiseev, IA. K. Syrkin. Dokl. AN SSSR 147 no. 2:390-402 N '62.
Modifying action of additives on the ethylene oxidation catalyst. V. E. Ostrovskii and others. Kin. i kat. 3 no. 2 189-193 Mr-Ap '62.
Oxidation of ethylene in a fluidized bed of a catalyst. G. K. Boreskov and others. Kin. i kat. 3 no. 2:214-220 Mr-Ap '62.

ETHYLENE POLYMERS
Preparation of monofilaments from polytetrafluoroethylene pastes. M. B. Sigal, T. N. Kozlorova. Khim. volok. no. 5:25-27 '62.

EUROPE—CONSTRUCTION WORKERS
Economic and social condition of construction workers. Jean Briquet. Vsem. prof. dvizh. no. 10:46-49 O '62.

EUROPE, EASTERN—AGRICULTURAL WAGES
Incentive wage systems in the agriculture of socialist countries. V. Gruzinov, K. Gorfan. Vop. ekon. no. 11: 148-155 N '62.

EUROPE, EASTERN—CAPITAL INVESTMENTS
International comparison of the volume of capital investments V. F. Terekhov, V. T. Isupov, E. N. Orlova. Och. po sovr. sov. i zarub. ekon no. 3:168-185 '62

EUROPE, EASTERN—COMMERCE
Indices of the influence of foreign trade on foreign exchange in the European socialist countries. G. L. Shagalov. Och. po sovr. sov. i zarub ekon. no. 3: 205-230 '62.

EUROPE, EASTERN—COMMUNIST PARTIES
Minsk. Institut istorii partii. [Struggle of the workers of Western White Russia for social and national liberation and reunification with the White Russian S. S. R.; documents and materials] Bor'ba trudiashchikhsia Zapadnoi Belorussii za sotsial'noe i natsional'noe osvobozhdenie i vossoedinenie s BSSR; dokumenty i materialy. Minsk, Gos. izd-vo BSSR.
Vol. 1, 1962.
(MH)

EUROPE, EASTERN—CONSUMPTION (ECONOMICS)
Methodology for comparing the personal consumption of the population in socialists countries. G. K. Rybakov. Och. po sovr. sov. i zarub. ekon. no. 3:231-260 '62.

EUROPE, EASTERN—ECONOMIC POLICY
"Planning in the European socialist countries." Reviewed by A. Kurskii. Vop. ekon. no. 10:135-138 O '62.

EUROPE, EASTERN—EXHIBITIONS
The benefit of international fairs. Boris Vesnin. Nov. vrem. 20 no. 49:27-28 D '62.

EUROPE, EASTERN—FOREIGN EXCHANGE
Indices of the influence of foreign trade on foreign exchange in the European socialist countries G. L. Shagalov. Och. po sovr. sov. i zarub ekon no. 3 205-230 '62.

EUROPE, EASTERN—INDUSTRIAL MANAGEMENT
Problems of the economics and organization of production and labor in socialist countries. D. Onika. Vop. ekon. no. 10:54-65 O '62.

EUROPE, EASTERN—LAW—BIBLIOGRAPHY
Classified index of the articles published in the legal periodicals of the European people's democracies during the first half of 1961. Izv. vys. ucheb. zav., prav. 6 no. 3:190-199 '62.

EUROPEAN COMMON MARKET see European Economic Community

EUROPEAN CORN BORER—BIOLOGICAL CONTROL see subdivision under Bukovina

EUROPEAN ECONOMIC COMMUNITY
British workers and the "Common Market." Walter Allan. Vsem. prof. dvizh. no. 10, 9-11 O '62
Buzykin, IU. I. [Behind the screen of "Little Europe", West European integration as a new form of the exploitation of the capitalist market] Za shirmoi "Maloi Evropy"; zapadnoevropeiskaia integratsiia - novaia forma poredela kapitalisticheskogo rynka. Moskva, Izd-vo "Znanie," 1962. 47 p. (Novoe v zhizni, nauke, tekhnike. III Seriia: Ekonomika, no. 21)
The "Common Market" and the migration of workers. Hans Kramer. Vsem. prof. dvizh. no. 10, 33-36 O '62.
The "Common Market" in the service of the aggressive bloc. I. Nazarenko. Mezhdunar. zhizn' 9 no. 12 37-40 D '62.
The "Common Market" is the instrument of monopoly power. Herbert Warnke. Vsem. prof. dvizh. no. 10 3-8 O '62.
Cyprus does not want to join the "Common Market." Andreas Zinitides. Vsem. prof. dvizh. no. 10 15-17 O '62.
Danish people rise against the European Economic Community. Mogens Hover. Vsem. prof. dvizh no. 10, 12-15 O '62.
Monopolist Europe and the developing nations N Gil'penko. Nov. vrem. 20 no. 46, 12-14 N '62.
The trade-union movement of Australia and the European Common Market. Vsem. prof. dvizh. no. 10 17-19 O '62.

EUROPEAN ECONOMIC COMMUNITY COUNTRIES—AGRICULTURE—ECONOMIC ASPECTS
Contradictions in the agricultural development of the countries participating in the "Common Market." IU. Linovskii. Ekon. sel'khoz. 33 no. 10, 116-133 O '62.

EUROPEAN FEDERATION
Little Europe; façade and backyards. N. Poliarnov. Mezhdunar. zhizn' 9 no. 12, 86-96 D '62.

EUROPEAN WAR, 1914-1918—NAVAL OPERATIONS
"Control of oceanic communications" by V. I Andreev. Reviewed by N. Volkov. Voen.-ist zhur 4 no. 11 97-103 N '62.

EUROPIUM—SPECTRA
Spectra of bivalent rare earth ions in crystals of alkaline earth fluorides. Part 2. Europium and ytterbium. A. A. Kaplianskii, P. P. Feofilov. Opt. i spektr 13 no. 2:235-241 Ag '62.

EURYGASTERS
(see also subdivision under Russia, Southern)
For extensive application of aerial spraying against the shield bug Eurygaster integriceps. Zashch. rast. ot vred. i bol. 7 no. 3:60-61 Mr '62.

EURYGASTERS—EXTERMINATION see subdivision under Rostov Province

EUTECTICS
Experimental study of the kinetic correspondence in the development of superplasticity in metastable eutectics. V. A. Presniakov, G. V. Starikova. Trudy Inst. metal. obog. AN Kazakh. SSR 5:184-185 '62.

EVAPORATION
Methods for determining soil evaporation rates and their practical application [with summaries in English, German, and French]. N S. Goriunov, N V Dmitrichenko. Vest. sel'khoz nauki 7 no 9 124-131 S '62

EVENING AND CONTINUATION SCHOOLS
(see also subdivision under Novgorod Province; Tatar A. S. S. R.; Tukayevskiy District; Uzbekistan)
[illegible]
shkole. Pod red. A. K. Bushli i L. A. Vysotinol. Moskva, Izd-vo Akad. pedagog. nauk RSFSR, 1962. 125 p. (Pedagogicheskie chteniia.)
Conference on night schools. L. Fomin Nar. obr. no. 11:87 N '62.

EVENING AND CONTINUATION SCHOOLS (Continued)

Means to increase students' success in the schools for working youth. S P. Shepelev. Sov. pedag. 26 no. 6. 77-83 Je '62.

Pavlov, V. I. [Windows are lighted till midnight] Okna gorlat do polunochi. Moskva, Izd-vo "Znanie," 1962. 37 p. (Novoe v zhizni, nauke, tekhnike. XI Serila: Pedagogika, no. 23)

Prerequisites for increasing the efficiency of teaching in the evening (staggered) schools. N. E. Sokolova. Sov pedag. 26 no. 6 84-91 Je '62.

EVIDENCE, EXPERT

How forensic expertise helped to solve a crime N Smirnov. Rad pravo no. 6:112-113 N-D '62

EVOLUTION

Development of new forms in Foraminifera. D. M. Rauzer-Chernousova, E. A. Reitlinger. Vop mikropaleont. no. 6:3-30 '62.

"Evolutionary significance of interrelationships among organisms" by M. M. Kamshilkov. Reviewed by A. V. IAblokov. Zool. zhur 41 no. 9:1438-1441 S '62.

Interpretation of the philosophical categories of "evolution" and "revolution." N. Sh. Iskhakov. Nauch dokl. vys. shkoly, filos. nauki 5 no. 5:136-141 '62.

Interspecific relations as a mechanism of evolution. N. I. Larina. Vop. ekol. 4:48-49 '62.

Theory of the biological progress of the species and its significance in ecology. N. L. Begril'skii. Vop. ekol. 4:20 '62.

EWES

Diagnosis of pregnancy in ewes based on the sacral reflex. G. T. Gavriliak. Zhivotnovodstvo 22 no 2: 56-59 F '60.

EXCAVATING MACHINERY
(see also subdivision under Kentau; Ukraine)

Abezgauz, V. D., and M. I. Gal'perin. [Working frozen ground in mechanized trench digging] Razrabotka merzlykh gruntov pri mekhanizirovannom ryt'e transhei. Moskva, Gostoptekhizdat, 1962. 93 p. [MICROFILM]

Actuating mechanism of a rotary excavator for the fracturing of hard rock. N. Z. Garmash. Met. i gornorud. prom. no. 2. 54-55 Mr-Ap '62.

Calculation of the dynamic loads during stopping in the digging mechanisms of single-bucket excavators V. P. Lomakin. Izv. vys. ucheb. zav., gor. zhur. 5 no. 10:146-150 '62.

Device for automatic calculation of the operation of an excavator. A. M. Listutin. Gor. zhur. no. 6:50-52 Je '62.

Effect of the number of steps in the control on the operating characteristics of a single-bucket excavator. K. IA. Ragozin. Izv. vys. ucheb. zav.; gor. zhur. 5 no. 9:110-113 '62.

Efficient design and shape of the backhoe dipper of the E-505 excavator. D. G. Odintsov. Mekh. stroi. 19 no. 11:16-19 N '62.

Idea of the capacity of excavators. N. Z. Garmash. Sbor. trud. Inst. gor. dela AN URSR no. 12:172-176 '61.

Machine for obtaining clay by cutting. I. R. Sitnitskii. Stroi. i dor. mash. 7 no. 10:23-25 O '62.

Modernization of some parts of the SE-3 excavator. G. T. Rybalko. Gor. zhur. no. 6:74-75 Je '62.

New continuous earth-working machines. IU. G. Manuilov. Mekh. stroi. 19 no. 11:20-22 N '62.

The new ETTa-401 chain trench excavator. V. A. Rumiantsev. Mekh. stroi. 19 no. 11:23-24 N '62.

New techniques and equipment of dumping operations in the Kadzharan open pit mines. G. Grigorian. Prom. Arm. 5 no. 10:25-29 O '62.

Optimum angle of the slope in working soft rocks with dragline excavators and its effect on the construction features of the machine. K. D. Timotievich Gor zhur. no. 12:53 D '62.

Study on an electronic model of the impact loads in the reducing gear of the turning gear of an excavator N. G. Dombrovskii, D. A. Kaminskaia. Izv. vys. ucheb. zav.; gor. zhur. 5 no. 10:92-97 '62.

Studying the traction force of excavators in operation. I. M. Gomozov. Stroi. i dor. mash. 7 no. 10:12-15 O '62.

Wheel excavators for construction and working strip mines. V. K. Il'gisonis, L. E. Podborskii, V. P. Uspenskii. Mekh. stroi. 19 no. 11:14-16 N '62.

EXCAVATING MACHINERY—CLEANING

Device for cleaning excavator buckets. G. M. Baskov. Gor. zhur. no. 12:59-60 D '62.

EXCAVATING MACHINERY—ELECTRIC DRIVING

Transient phenomena in an excavator electric drive with an electromagnetic slip coupling. V. K. Kozlo. Izv. vys. ucheb. zav.; gor. zhur. 5 no. 10:131-136 '62.

EXCAVATIONS (ARCHAEOLOGY)
(see also subdivision under Kyr-Buran)

The 1960 field explorations on archaeology in the U.S.S.R. N. K. Lisitsyna. Sov. arkheol. 6 no. 4:301-303 '62.

EXCITONS

Deformation splitting of the blue and dark-blue exciton series in spectra of Cu_2O crystals. E. F. Gross, A. A. Kaplianskii, V. T. Agekian. Fiz. tver. tela 4 no. 8: 2169-2178 Ag '62.

Free and bound excitons in cadmium sulfide crystals and the analogue of the Mössbauer effect in optics. E. F. Gross, B. S. Razbirin, S. A. Permogorov. Dokl. AN SSSR 147 no. 2:338-341 N '62.

EXCITONS—SPECTRA

Selection rules and exciton energy spectra. Calculation of external fields and directional deformations. S. A. Moskalenko, A. I. Bobrysheva. Fiz. tver. tela 4 no. 8: 1994-2004 Ag '62.

EXERCISE

Evaluation of the phenomenon of "endless tone" in functional tests of the cardiovascular system. V. N. Volkov Teor. i prak. fiz. kul't. 25 no. 8:69-72 Ag '62.

EXERCISE THERAPY
(see also subdivision under Estonia)

Conference on exercise therapy in the German Democratic Republic. S. M. Ivanov. Teor. i prak. fiz. kul't. 25 no. 8 50-52 Je '62.

Contraindications to certain types of exercise therapy in patients with cervical osteochondrosis, spondylarthrosis, and hyperextension subluxation. IA. IU. Popelianskii. Vop. kur., fizioter. i lech. fiz. kul't. 27 no. 2:154-159 Mr-Ap '62

Methodology of medical gymnastics following the plastic operation of suturing the facial nerve to the phrenic nerve. V. I. Grebeniuk, E. P. Maksut. Vop. kur., fizioter. i lech. fiz. kul't. 27 no. 2:151-153 Mr-Ap '62.

Mironov, F. F. [Physical culture in the control of tuberculosis] Fizicheskaia kul'tura v bor'be s tuberkulezom. Moskva, Medgiz, 1962. 37 p. (Nauchno-populiarnaia meditsinskaia literatura) (DNLM)

Physical culture as a curative factor under polar night conditions. B. A. Korolev. Vop. kur., fizioter. i lech fiz. kul't. 27 no. 2:168-169 Mr-Ap '62.

Stick for medical gymnastics. V. S. Pronkin. Vop. kur., fizioter. i lech. fiz. kul't. 27 no. 2:170 Mr-Ap '62.

EXERCISE THERAPY—STUDY AND TEACHING

Teaching exercise therapy and medical supervision in a therapeutic department. V. M. Matoshin. Sov. zdrav. 21 no. 6:62 '62.

EXHAUST SYSTEMS

Design of the exhaust system for a group of compressors during supercharging. N. M. Barannikov. Izv. vys. ucheb. zav., gor. zhur. 5 no. 9:138-144 '62.

EXHAUSTION see Fatigue

EXISTENTIALISM

Mikhailov, A. A. [Philosophy of the doomed; existentialism as a reactionary school of present-day bourgeois philosophy] Filosofita obrechennykh (ekzistentsializm - reaktsionnoe techenie v sovremennoi burzhuaznoi filosofii). Minsk, 1962. 30 p. (Obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii Belorusskoi SSR, no. 18)

EXOPHTHALMOS

Endocrine exophthalmos and glaucoma (Review of the literature and analysis of personal observations) [with summary in English]. V. I. Demianova. Vest. oft. no. 1:52-54 '62.

Ophthalmological characteristics of malignant exophthalmos [with summary in English]. D. R. Shtul'man. Vest. oft. no. 1:45-52 '62.

EXPANDED METAL

Effect of expanding on the distribution of residual stresses in large-diameter pipes. N. A. Kashirin and others. [Sbor. trud.] Nauch.-issl. inst. met. no. 1: 158-163 '61.

EXPANSION (HEAT)

Characteristics of the thermal expansion of protein gels and sols [with summary in English]. R. E. Neiman. Vysokom. soed 4 no. 9:1404-1410 S '62.

EXPERIENCE

Restrictive interpretation of the empirical method in the works of sensualistic materialists from the 17th to the 19th century. I. G. Gerasimov. Trudy MIIT no. 165: 46-66 '62.

EXPERIMENTAL MEDICINE see Medicine, Experimental

EXPERT EVIDENCE see Evidence, Expert

EXPLORERS

Gekhtman, G. N. [Prominent geographers and explorers] Vydaiushchiesia geografy i puteshestvenniki. Tbilisi, Izd-vo Akad. nauk Gruzinskoi SSR, 1962. 306 p.

EXPLOSIONS

Causes of explosions occurring during the purification of hydrogen by liquid nitrogen B. D. Mel'nik. Khim. prom. no. 9 625-630 S '62.

Geomagnetic effects of explosions in the lower atmosphere K. G. Ivanov. Geomag. i aer 2 no. 1,153-160 Ja-F '62

EXTENSOMETER see subdivision under Tien Shan

EXTRACTION (CHEMISTRY)

Aksel'rud, G. A. [Theory of the diffusion extraction of substances from porous bodies] Teoriia diffuzionnogo izvlecheniia veshchestv iz poristykh tel. L'vov, L'vovskii politekhn. in-t, 1959. 233 p.

Extraction in analytical chemistry (survey). A. K. Babko, F. G. Zharovskii. Zav. lab. 28 no. 11:1267-1305 '62.

Extraction in chemical analysis. I. P. Alimarin, IU. A. Zolotov. Zav. lab. 28 no. 11 1265-1286 '62.

Extractive properties of alkyl phosphonic acids. B. N. Laskorin, V. S. Ul'ianov, R. A Sviridova. Ekstr., teor., prim., app no 1 171-187 '62

Group separation of rare earth elements by the countercurrent extraction method G. V. Korpusov, I. V. Eskevich, E. P. Zhirov. Ekstr., teor., prim., app. no. 1, 125-142 '62.

Importance of the structure and physical state of the molecules of extractive reagents. V. G. Timoshev and others. Ekstr., teor., prim., app. no 1:88-103 '62.

Introduction. Ekstr.; teor., prim., app. no. 1:3-5 '62

Mechanism of the extraction of elements by means of oxygen-containing solvents. V. I. Kuznetsov, I. V. Serlakova Ekstr.; teor., prim., app. no. 1:101-111 '62.

Method for the direct and continuous observation of the process of salt transfer in liquid-liquid extraction M. F. Pushlenkov, V. S Fedorov. Radiokhimiia 4 no. 4:413-416 '62.

Physical chemistry of extraction equilibria. A. M. Rozen. Ekstr.; teor., prim., app. no. 1:8-87 '62.

Quasi-equilibrium extraction processes. V. I. Levin. Ekstr., teor., prim., app. no. 1 143-162 '62.

Separation of gallium from an anodic alloy with the aid of liquid ion exchangers. B. N. Laskorin, A. I. IUzhin. Ekstr.; teor., prim., app. no. 1:112-118 '62

EXTRACTION (CHEMISTRY)—BIBLIOGRAPHY see Bibliography—Extraction (Chemistry)

EXTRACTION APPARATUS

Apparatus for the extraction of substances from solutions (survey). V. K. Markov, M. F. Korinfskaia. Zav. lab. 28 no. 11:1376-1380 '62.

Apparatus with the automatic recording of activity for the continuous extraction of radioactive isotopes. K. B. Zaborenko, Atif Allan. Zav. lab. 28 no. 11:1380-1382 '62.

Characteristics of the distribution of extracted substances in the washing part of a mix-and-settle extractor S M Karpacheva, E. P. Rodionov. Atom energ. 13 no. 5 486-491 N '62

Design of extraction apparatus. S. M. Karpacheva. Ekstr., teor., prim., app. no. 1:202-212 '62.

Determination of the number of theoretical stages of an extraction column by the analytical method. V. V. Fomin, E. P. Maiorova, R. D. Kariushova. Ekstr., teor., prim., app. no. 1 188-201 '62.

Horizontal multistage tube-still extractor. N. I. Gel'perin, V. L. Pebalk, M. N. Shashkova. Khim. prom. no 6:427-433 Je '62.

Investigation of mass transfer in an extraction plate column with air mixing. V. B. Tikhomirov, N. P. Galkin, V. D. Fedorov. Ekstr., teor., prim., app. no. 1:213-218 '62.

EXTREMITIES, LOWER—DISEASES

"Diseases of the blood vessels of the lower extremities and their treatment." Reviewed by L. S. Soskin Sov med. 26 no. 6:154-157 Je '62.

EXTREMITIES, LOWER—FRACTURES

Pathological fractures of the bones of the lower extremities with lesions of the spinal cord V G. Sanin Ortop., travm. i protez 23 no 5 83-84 My '62

EXTREMITIES, LOWER—RADIOGRAPHY

Arteriography of the lower extremities; survey of the Soviet and foreign literature. D. S. Kuz'min, E. M. Grapman. Vest. khir. no. 6:109-116 '62.

EXTREMITIES, LOWER—ULCERS

Treatment of trophic ulcers of the lower extremities with heme-novocain blocks combined with an adhesive plaster bandage. M. S. Chikun. Zdrav. Bel. 7 no. 11: 47-49 N '61.

EXTREMITIES, UPPER

Some variants in the muscles of human upper extremities. A. IA. Ter-Grigorian. Trudy Erev. med. inst. no. 11:129-133 '60.

EXTRUSION (METALS)

Accuracy of billet weights for cold extrusion. B. A. Chelishchev, P. A. Meshchanchuk. Kuz.-shtam. proizv. 4 no. 11:9-11 N '62.

Determination of the maximum principal deformation in the pressing of round rods. IU. P. Glebov. Izv. vys. ucheb. zav. tsvet. met. 5 no. 3:135-146 '62.

EXTRUSION (METALS) (Continued)

Investigating metal flow during extrusion from a flat container. R. I. Barbanel' and others. TSvet. met. 35 no. 7:70-75 Jl '62.

Rigidity of a two-way mechanical press and its effect on extrusion processes. A. A. Bebris. Vest. mashinostr. 42 no. 11:63-66 N '62.

EYE

Comparative study of the growth of the brain and eyes of wild birds. N. A. Manuilova. Dokl. AN SSSR 146 no. 4:963-966 O '62.

Electron microscopy of ocular tissue; a review of Soviet and foreign literature. I. P. Mislova. Vest. oft. no. 4: 60-75 '62.

Vasomotor rhinitis and its influence on the state of the eyes. B. Kh. Khydyrov. Trudy Turk. nauch. -issl. trakh. inst. 8:161-166 '60.

EYE—DISEASES AND DEFECTS

Chalcosis of the eye and its treatment by negative ionization. V. I. Alekseeva. Vest. oft. no. 4:13-18 '62.

Clinical characteristics of endogenous binocular diseases of the anterior portion of the eyes in experimental infection in guinea pigs. V. M. Kiseleva, L. G. Lopatukhina. Trudy inst. kraev. pat. AN Kazakh. SSR. 12 81-85 '62.

Ocular leprosy and modern antileprosy therapy [with summary in English]. Iu. I. Garus. Vest. oft. no. 4: 52-60 '62.

Ocular lesions in the Stevens-Johnson syndrome. L. M. TSipenyuk. Vest. oft. no. 4:45-47 '62.

Significance of an ophthalmoneurological study in diagnosing hypertonic insults with a tumoral course. A. M. Pulatov. Zdrav. Tadzh. 9 no. 4:56-59 Jl-Ag '62.

"Use of X rays in the diagnosis and treatment of eye diseases" by L. IA. Itskson, E. S. Vainshtein. Reviewed by N. I. Medvedev. Vest. oft. no. 1:90-91 '62.

EYE—EXAMINATION

Simple method for photographing the ocular fundus [with summary in English]. I. N. Davydov, B. V. Stepanchenko. Biul. eksp. biol. i med. 54 no. 7:107-108 Jl '62.

EYE—FOREIGN BODIES

Vainshtein, E. S. [X-ray diagnosis of foreign bodies in the eye] Rentgenodiagnostika inorodnykh tel glaza. Moskva, Medgiz, 1962. 123 p. (Biblioteka prakticheskogo vracha)
(DNLM)

EYE—INFLAMMATION

Anti-inflammatory action of penicillin in experimental acute aseptic inflammation. B. I. Vainshtein. Trudy Turk. nauch. -issl. trakh. inst. 6:153-156 '60.

Role of Listeria infection in the etiology of endogenous uveitis [with summary in English]. V. M. Cherednichenko. Vest. oft. no. 4:42-45 '62.

EYE—MOVEMENTS

Photoscanning polyoculograph. A. R. Shakhnovich, V. R. Shakhnovich. Biofizika 7 no. 4:473-474 '62.

EYE—SURGERY

Results of the Lagrange-Holth operation in Filatov's modification in glaucoma. V. B. Geft. Zdrav. Tadzh. 9 no. 4:28-30 Jl-Ag '62.

EYE—TENSION see Intraocular pressure

EYE—TUBERCULOSIS

Electrophoretic studies on blood proteins in tuberculous disorders of the eye [with summary in English]. M. D. Kovalenko. Vest. oft. no. 1:38-44 '62.

Treatment of allergic and metastatic ocular tuberculosis. E. D. Blavatskaia. Trudy Erev. med. inst. no. 11:415-420 '60.

EYE—TUMORS

Case of congenital dermoid tumor. N. I. Zatulina. Trudy Turk. nauch. -issl. trakh. inst. 6:173-175 '60.

EYE—WOUNDS AND INJURIES

"Burns of the eyes and their adnexa" by S. M. Khaiutin. Reviewed by D. I. Berezinskaia. Vest. oft. no. 1:89-90 '62.

New trends in the study of the pathogenesis and in the pathogenic therapy of eye burns [with summary in English]. A. B. Katsnel'son. Vest. oft. no. 4:3-7 '62.

Prevention and treatment of lime burns of the eyes. B. T. Bakerenkov. Zdrav. Bel. 8 no. 2:55 F '62.

Treatment of burns of the eye. K. A. Charyev. Trudy Turk. nauch. -issl. trakh. inst. 6:127-131 '60.

EYEGLASSES

Determination of "instantaneous" visual acuity in prescribing optic reading aids for subjects with weak and residual vision. V. V. Alimpiev. Vest. oft. no. 4:77-79 '62.

EYELIDS—DISEASES

Cupping of incipient stys. A. A. Smirnov. Sov. med. 26 no. 6:134 Je '62.

Significance of psychic trauma in the development of Gunn-Harmann jaw winking synkinesis; clinical observation [with summary in French]. A. K. Popov. Zhur. nevr. i psikh. 62 no. 6:860-861 '62.

EYELIDS—WOUNDS AND INJURIES

Characteristics of the course and treatment of severe thermal burns of the eyelids in radiation sickness in dogs [with summary in English]. P. V. Preobrazhenskii, V. A. Rezontov. Vest. oft. no. 4 7-13 '62

FABLES

Mikhalkov, S. V. [Fables] Basni. Moskva, Sovetskii pisatel', 1946. 87 p. plates.
(CU)

Social motifs in ancient fables. M. L. Gasparov. Vest. drev. ist. no. 4:48-66 '62.

FABLES, UKRAINIAN

Hodovanets', M. P. [Fables] Baiky. Kyiv, Derzh. vyd-vo khudozh. lit-ry, 1960. 218 p.
(CU)

FACE—ABNORMITIES AND DEFORMITIES

Bilateral facial coloboma in a child with multiple abnormalities. L. A. Vorokhobov, E. A. Gaidashev. Vop. okh. mat. i det. 7 no. 7:80 Jl '62.

FACE—DISEASES

Pathogenesis of facial atrophy [with summary in French]. E. K. Gur. Zhur. nevr. i psikh. 62 no. 6:820-824 '62.

FACE—SURGERY

New instruments for cosmetic operations on the face. B. S. Bobrov, G. V. Kruchinskii, T. V. Siyskina. Sov. med. 26 no. 6,130-132 Je '62.

FACIAL NEURALGIA see Neuralgia, Facial

FACSIMILE TRANSMISSION

Phototelegram without a photograph made with ink on writing paper. A. Smirniagina. Nauka i zhizn' 29 no. 5 11 My '62.

FACTORIES—DESIGN AND CONSTRUCTION

The time required to build sugar refineries can be shortened. O. B. Belostotskii. Prom. stroi. 40 no. 9 10-16 '62.

FACTORIES—FIRES AND FIRE PREVENTION see subdivision under Bukovina

FACTORIES—LIGHTING—BIBLIOGRAPHY see Bibliography—Factories—Lighting

FACTORY LIBRARIES see subdivision under Moscow Province

FACTORY MANAGEMENT

Morozov, P. A., and V. I. Ososkov. [Foreman in an industrial plant] Master na predpriiatii. [Moskva] Mosk. rabochii, 1962. 141 p.

FADEEV, ALEKSANDR ALEKSANDROVICH, 1901-1956

Variants of a first page. V. Boborykin. Vop. lit. 6 no. 6:185-192 Ag '62.

FALAKI SHIRVANI, MOHAMMED

Literary features of Falaki's poetry [in Azerbaijani with summary in Russian]. R. Azade. Izv. AN Azerb. SSR. Ser. obshchestv. nauk no. 7:81-92 '62.

FALESHTY DISTRICT—STOCK AND STOCKBREEDING

Sources for lowering the production costs of livestock products. A. Dmitriev. Komm. Mold. 7 no. 7.53-57 Jl '62.

FALL WEBWORM

From the practices in aerosol disinsectization of the rolling stock of railroads. A. D. Fedorenko. Zashch. rast. ot vred. i bol. 7 no. 5 51-52 My '62.

FALLOWING

Short-time fallowing as one of the measures for increasing grain production. M. A. Bzikov. Zemledelie 24 no. 6:27-33 Je '62.

FAMILY

(see also subdivision under Baltic States, Estonia; Latvia; Lithuania; Rapla District)

Furman, G. N. [Soviet family] Sovetskaia sem'ia. Moskva, Izd-vo "Znanie," 1962. 46 p. (Novoe v zhizni, nauke, tekhnike. II Seriia: Filosofiia, no. 21)

Sysheikova, E. A. [Development of communist domestic relations] Kommunizm vkhodit v sem'iu. Simferopol', Krymizdat, 1962. 56 p. (Kodeks kommunisticheskoi morali)

FANS, MECHANICAL

Centrifugal mine fans with a two-way intake. V. S. Dulin, V. I. Kovalevskaia. Sbor. trud. Inst. gor. dela AN URSR no. 12,47-58 '61.

Continuous control of the operation of centrifugal mine fans. A. A. Selivra. Sbor. trud. Inst. gor. dela AN URSR no. 12:66-70 '61.

Determination of the diameter of the rotor inlet of a centrifugal fan. V. V. Pak. Izv. vys. ucheb. zav., gor. zhur. 5 no. 10:121-124 '62.

Device for balancing axial mine fans in the main ventilation system. V. G. Erin. Sbor. trud. Inst. gor. dela AN URSR no. 12:71-75 '61.

Effect of a change [illegible] vibration of [illegible] A. V. [illegible] trud. Inst. gor. [illegible]

Results of [illegible] Academy of [illegible] Donets Polytec[illegible] mine fans. G. A. [illegible] AN URSR [illegible]

Study of the operation [illegible] fans. V. V. Pak. [illegible] no. 12:37-46 '61.

FANS, MECHANICAL—[illegible]

Results of [illegible] TS35-15 centrifugal [illegible] gor. dela AN [illegible]

FAR EAST, SOVIET [illegible]

FARKHAD RESERVOIR [illegible]

Maksumov, V. A. [Water-[illegible] cal characteristics of [illegible] Materialy k monografii [illegible] ryb Farkhadskogo [illegible] 157 p. (Akademiia [illegible] Institut zoologii i [illegible]

FARM BUILDINGS

The assistance of the [illegible] Planning Institute [illegible] novykh). Ind. [illegible]

Berlin, M. Z. [Economics of agricultural [illegible] Ekonomika sel'skokhoziaistvennykh [illegible] Moskva, Sel'khozizdat, 1962. 240 p.

Erection of livestock [illegible] P. Lipkin. Sel'. [illegible]

Rural buildings made [illegible] M. Orechin. P. [illegible] '62.

Three-hinged [illegible] tural structures. [illegible] O '62.

Using an economic [illegible] on collective farms [illegible] investments. [illegible]

FARM IMPLEMENTS see Agricultural [illegible]

FARM MANAGEMENT
(see also subdivisions under [illegible] region; Pronsk District; Uzbekistan; [illegible] Province)

Consolidated [illegible] evaluation. [illegible] 30 no. 11,80-81 [illegible]

Make the achievements [illegible] to all collective and [illegible] sel'khoz. 33 no. [illegible] '62.

FARM MANURE
(see also subdivisions under Ukraine)

Effect of the [illegible] tato and corn yields [illegible] Vinnyk sil'hosp. [illegible]

FARM MECHANIZATION
(see also subdivisions under Altai Territory, Kazakhstan; Moscow [illegible] North Kazakhstan [illegible] Tashkent Province)

Mechanical unloading [illegible] S. S. Boda. Shor. [illegible] There, where pitch [illegible] 4-5 '62.

FARM MECHANIZATION—AUDIO-VISUAL AIDS

Methods of using [illegible] T-4 and DT-75 [illegible] Sred. spets. obr. [illegible]

FARM MECHANIZATION—[illegible]

To the level of present-day [illegible] gora. Okhr. truda i [illegible]

FARM MECHANIZATION—[illegible]

Butorin, I. M. [Statistics of the [illegible] trification of agriculture] [illegible] elektrifikatsii sel'skogo [illegible] statizdat, 1962. 120 p.

FARM MECHANIZATION—[illegible]

Setting up methodological [illegible] A. P. Shapovalov. [illegible] '62.

We train according to [illegible] workers. A. Dvinin. [illegible] O '62.

FARM PRODUCE—[illegible] see Farm Produce

FARM PRODUCE—COSTS

Sources for lowering [illegible] products. A. Dmitriev. [illegible] Jl '62.

FARM PRODUCE—MARKETING
Development study of collective farm trade statistics. I. K. Beltaevskii Vop stat i ucheta no 5 138-173 '61.
Liability for loss caused by the violation of contracts for the delivery of farm produce. A. Zaporozhets'. Rad pravo no 6:91-93 N-D '62.

FARM PRODUCE—TRANSPORTATION see subdivision under Volgograd Province

FARNESOL
Reactions of chlorine-containing telomers of dienic hydrocarbons Part 10: Preparation of farnesol from the sesquiterpene fraction of isoprene telomers with its hydrochlorides. E. IU. Shvarts, A. A. Petrov. Zhur. ob khim. 32 no 10 3278-3280 O '62

FASCISM see subdivision under Austria

FASTING
Character of the bile secreting function of the liver in fasting. A. A. Sarkisian, S. A. Khachatrian Trudy Erev. med. inst. no. 11 77-80 '60.

FAT
Changes in the level of phospholipids and cholesterol in the blood serum following a fat load in rats of various age. R. Vysotskii Izv. AN Latv. SSR no. 4:101-110 '62

FATH 'ALI, AKHUND-ZADA, 1812-1878
M. F. Akundov's philosophical study and the stages of the development of his ideology. A. O Makovel'skii Nauch. dokl. vys. shkoly, filos. nauki 5 no. 5:98-102 '62.
A prominent philosopher of the Orient. R. Seidov. Nauka i rel 4 no. 10,87-89 O '62

FATIGUE
Typical physiological mechanisms in industrial fatigue. S. A. Kosilov. Teor. i prak. fiz kul't. 25 no. 6:41-44 Je '62.
Ultrasonic testing of fatigue fractures in materials. P. V. Ponomarev. Zav. lab. 28 no. 11:1345-1346 '62.

FATIGUE TESTING MACHINES
Machine for investigating fatigue destruction. R. L. Kogan. Zav. lab. 28 no. 8:1005-1007 '62.

FATTY ACIDS see Acids, Fatty

FAULTS (GEOLOGY) see subdivision under Kazakhstan; Krivoy Rog Basin; Siberia, Eastern; Siberian Platform, Soviet Central Asia

FEAR
Comparative characteristics of the obsessive fears syndrome in some neuroses and schizophrenia [with summary in French]. N. M. Asatiani. Zhur. nevr. i psikh. 61 no. 10:1510-1519 '61

FEDERAL GOVERNMENT
Aleksandrenko, G. V. [Bourgeois federalism; a critical evaluation of bourgeois federations and bourgeois theories of federalism] Burzhuaznyi federalizm; kriticheskii analiz burzhuaznykh federatsii i burzhuaznykh teorii federalizma. Kiev, Izd-vo Akad. nauk USSR, 1962. 354 p.
"Bourgeois federalism" by G. V. Aleksandrenko. Reviewed by K. Zabihailo. Rad. pravo no. 6,147-150 N-D '62

FEED MECHANISMS
Characteristics of design and construction of the reduction-type feed mechanism on cold rolling pipe mills. M. I. Grinshpun. Stal' 22 no. 9:826-829 S '62

FEED-WATER PURIFICATION
Characteristics of practical application of magnetic water treatment. V. I. Minenko, S. M. Petrov. Bezop truda v prom. 6 no. 8 29-31 Je '62.
Poliianskii, M. IA. [Guide to laboratory work in the course "Feed water purification and water properties in steam boilers."] Rukovodstvo k laboratornym rabotam po kursu "Vodopodgotovka i vodnye rezhimy parovykh kotlov." Leningrad, Leningr. politekhn. in-t im. M. I. Kalinina, 1959. 25 p.

FEEDING
Vsesoiuznaia akademiia sel'skokhoziaistvennykh nauk imeni V. I. Lenina. Otdelenie zhivotnovodstva. [Trace elements in stockbreeding] Mikroelementy v zhivotnovodstve. Pod obshchei red. V. V. Koval'skogo i A. P. Dmitrochenko. Moskva, Sel'khozizdat, 1962. 141 p. (DNAL)

FEEDS
(see also subdivision under Grodno Province; Odessa Province; Uzbekistan)
The ABC of feed units. B. Tulunin. Ekon. sel'khoz. 33 no. 10:42-54 O '62.
Obtaining semiprocessed antibiotics for animal husbandry. P. A. IAkimov. Trudy Len. khim. -farm. inst. no. 15:247-250 '62.
Production of meal from pine needles. IA. E. Kiselov. Zhivotnovodstvo 22 no. 2:90 F '60.
Simplified methods for obtaining semiprocessed penicillin, chlortetracycline and vitamin B_{12}. L. M. Smirnova, V. A. Filippova, P. A. IAkimov. Trudy Len. khim. -farm. inst. no. 15:251-257 '62.
Use of a degossypolized phosphatide concentrate from cottonseed oil in feeds for young pigs. K. Karibaev Masl. zhir. prom 28 no 7:42-43 Jl '62
Wonderful machine IUn. nat no. 10:32 O '62.

FEEDS—ANALYSIS
Determination of oxytetracycline in feeds. V. A. Podmostkova, E. B. Petrova. Trudy Len. khim -farm. inst no. 15:273-275 '62.

FELDSPAR see subdivision under Northern Baikal Highland

FELON (DISEASE)
Skin paronychia of the hands in silk reelers and measures for eliminating it. E. N. Chernisk Zdrav. Turk. 6 no. 2:26-28 Mr-Ap '62.

FEL'TSMAN, OSKAR BORISOVICH, 1921-
A new work L. G Sov muz 26 no 9 83 S '62

FEMUR—DISLOCATION
Diagnostic errors in traumatic luxations of the femur. P. A Molodov. Vest. khir. no. 5:87-89 '62.

FEMUR—FRACTURE
Determination of the length of the nail in treating fractures of the neck of the femur IU. M Prokhorov Ortop. travm i protez 23 no. 5 71-73 My '62.
Intraosseous osteosynthesis of infected fractures of the femur using IA. G. Dubrov's round all-metal nail, an experimental study. A. S. Agapov. Trudy 1-go MMI 7:30-37 '59.
Open infected fractures of the femur and their treatment in an experiment. A. T. Ivanova. Trudy 1-go MMI 7 38-59 '59.

FEMUR—HERNIA
Late results of femoral herniotomy by the V. E. Zholkver method [with summary in English] V. E. Zholkver, V. I. IUvchenko. Khirurgiia no. 12 64-66 '61.

FENCES—STANDARDS
Russia (1923- U. S. S. R.) Gosudarstvennyi komitet po delam stroitel'stva [Instructions SN 194-61 limiting the use of enclosures for sections of industrial enterprises, storehouses, and transportation, residential and public buildings and structures] Ukazaniia ob ogranichenii primeneniia ograzhdenii uchastkov promyshlennykh predpriiatii, skladov, transportnykh, zhilykh i obshchestvennykh zdanii i sooruzhenii (SN 194-61) Moskva, Gosstroiizdat 1962. 7 p.

FERGANA—COLLECTIVE FARMS
Collective farm of communist labor. G. Aleksandrov. Uzbekiston 21 no. 10:5 '62.

FERGANA—CONSTRUCTION INDUSTRY
The construction industry of central Fergana IA Tolstonog Nor khoz Uzb 4 no. 10 54 O '62.

FERGANA—COTTON—DISEASES AND PESTS
Cooperating with science. Sh Abdullaev Zashch rast ot vred i bol. 7 no 7 8-9 Jl '62

FERGANA—GEOLOGY, STRATIGRAPHIC
Comparative facies analysis of Lower Jurassic coal-bearing formations in the northern Tien-Shan and northern Fergana. K. K. Karabaiaev. Izv. AN Kir. SSR Ser. est. i tekh. nauk 4 no 3:5-17 '62.

FERGANA—IRON AGE
History of Fergana during the early Iron Age. N. G. Gorbunova. Sov. arkheol. 6 no. 4:37-46 '62.

FERGANA—IRRIGATION CANALS AND FLUMES
An outstanding engineer and irrigation specialist of the Fergana Valley S. Dzhalilov Obshchestv. nauki v Uz 6 no. 9.57-60 '62.

FERGANA—ORE DEPOSITS
Vein rocks in mercury-antimony deposits of southern Fergana. G. A. Terekhova. Uch. zap. SAIGIMSa no. 5: 23-32 '61.

FERGANA—PETROGLYPHS
Petroglyphs of horses within the boundaries of Airy-machtau (Fergana). IU. A Zadneprovskii. Sov. etn. no. 5:125-128 S-O '62.

FERGANA—RED SPIDER—EXTERMINATION
Cooperating with science. Sh Abdullaev. Zashch. rast ot vred. i bol 7 no. 7 8-9 Jl '62.

FERGANA—ROCKS, IGNEOUS
Vein rocks in mercury-antimony deposits of southern Fergana. G. A. Terekhova. Uch. zap. SAIGIMSa no. 5: 23-32 '61.

FERGANA—ROCKS, SEDIMENTARY—MAGNETIC PROPERTIES
Vatiev, A. A. [Lithology and paleomagnetism of Cenozoic molasses in northern Fergana] Litologiia i paleomagnetizm kainozoiskikh molass Severnoi Fergany. Tashkent, Izd-vo AN UzSSSR, 1962. 122 p.

FERMENTATION—EQUIPMENT AND SUPPLIES
The "Zimograf" apparatus for determining the fermentation activity of yeast and its use for the study of the activating action of amber acid. K. P. Petrov. Izv. vys. ucheb. zav. ;pishch. tekh. no. 4:157-159 '62.

FERMENTS see Enzymes

FERMI SURFACES
Characteristics of the law of dispersion of phonons associated with electron-phonon interaction [with summary in English]. A. M. Afanas'ev, IU. Kagan Zhur. eksp. i teor. fiz 43 no. 4 1456-1461 O '62

FERRATES—TESTING
Measurement of coercive force in ferrate cores with rectangular hysteresis loops. V. I Kurotchenko Izv. AN Kir. SSR, Ser. est i tekh. nauk 3 no. 6 59-69 '61
Receiving circuit for a polar code on ferrates with rectangular hysteresis loops. P. I. Pushkarev. Izv. AN Kir. SSR Ser. est i tekh. nauk 3 no 6 71-73 '61

FERROCENE
Oxidation-reduction properties of compounds containing two ferrocenyl groups. E. G. Perevalova and others. Dokl. AN SSSR 147 no. 2 384-387 N '62.

FERROELECTRIC SUBSTANCES
Nature of chemical bonds in ABO_3 ferroelectric crystals with a perovskite structure V. G Granovskii. Kristallografiia 7 no. 4:604-608 Jl-Ag '62

FERROMAGNETISM
Antiferromagnetism of iron-nickel alloys [with summary in English]. V. I. Chechernikov. Zhur. eksp. i teor. fiz. 42 no. 4 956-958 Ap '62
Possibility of creating an alternating field method for determining the ferromagnetic composition of rocks V. I. Bagin. Izv. AN SSSR, Ser. geofiz. no. 11:1622-1620 N '62.
Spin wave spectrum. Pu Fu-cho [P'u Fu-ch'o] and Men Sian'-chzhen' [Mêng Hsien-cheng]. Fiz. tver. tela 4 no. 8 2141-2150 Ag '62.

FERTILIZATION OF PLANTS
Process of fertilization in Mirabilis jalapa L. M I D'iakova. Biul MOIP. Otd biol. 67 no 3:145 My-Je '62

FERTILIZER INDUSTRY see subdivision under Dzhambul

FERTILIZER INDUSTRY—TECHNOLOGICAL INNOVATIONS see subdivision under Dzhambul

FERTILIZERS AND MANURES
(see also subdivision under Izmail District; White Russia)
Applying organic and mineral mixtures to Podzolic soils in the forest nurseries of Moscow Province. S. S. Lisin Agrobiologiia no 5:734-736 S-O '62
Effect of organic and mineral fertilizers on the toxicity and duration of the action of hexachloran. O. S. Matvievs'kyi. Nauk. pratsi Ukr. nauk. -doslid inst sad. no. 37:17-24 '60.
Fertilizers from rubbish. V. N Sinisov Zemledelie 24 no. 10:68 O '62.
Losev, Evgenii. [Elixir of fertility] Eliksir plodorodiia. Moskva, Izd-vo "Znanie," 1962. 30 p. (Novoe v zhizni, nauke, tekhnike. V Serii: Sel'skoe khoziaistva, no. 23)
Make efficient use of fertilizers. N. N. Baranov. Zemledelie 24 no 8 38-41 Je '62
[Peat in agriculture] Torf v sel'skom khoziaistve. [By] M N Nikonov i dr. Moskva, Sel'khozizdat, 1962. 166 p. (DNAL)
Some considerations on methods for studying fertilizers. S A Kudrin. Agrobiologiia no 5:756-766 S-O '62
Using town construction and industrial waste for the fertilization of fields. M F Kormilov, B. G Khodasevich, K G Churkin Zemledelie 24 no. 10:62-68 O '62.

FERTILIZERS AND MANURES—CONGRESSES
From the conference of the scientists of the geographic network of fertilizer experiments. B. G Grachev. Zemledelie 24 no. 10:89-88 O '62

FERTILIZERS AND MANURES—STORAGE
Give more attention to the storage of mineral fertilizers. B G. Grachev, N. V. Babenko. Zemledelie 24 no. 6: 5-56 Je '62.
Waste and quality deterioration of mineral fertilizers due to poor storage management. P. V. Protasov, N. N. Zelenin, G. P. Pershin. Zemledelie 24 no. 6:51-54 Je '62.

FETUS
Causes of unequal development of the fetuses in multiple pregnancy [with summary in English]. E. I. Tikhomirova Akush. i gin. no. 1:54-59 '62.

FEUCHTWANGER, LION, 1884-
On my novel "Foxes in the vineyard." Lion Feuchtwanger. Vop. lit. 6 no. 8:178-184 Ag '62.

FEUERBACH, LUDWIG ANDREAS, 1804-1872
Ludwig Feuerbach. E. Bescharovnykh. Nauka i rel. 4 no. 10:90-91 O '62.

FEVER
Extrarenal hyperazotemia in acute febrile diseases [with summary in English] L S Teodosiev. Sov med 26 no 7 11-15 Jl '62
Some data on the clinical characteristics of Q fever [with summary in English] Z P. Redechkina. Zhur mikrobiol., epid. i immun 32 no 12:75-78 D '61

FEVER THERAPY
Variation in the basophily of an injured myocardium in animals treated with ribonucleic acid and pyrogenal. L. V. Akhabadze. Dokl. AN SSSR 146 no.4 913-915 O '62.

FIBERGLASS BOATS
Gift from Moscow Shipbuilders on the 45th anniversary of the Great October Rech transp 21 no 11 46 N '62

FIBRIN
Method of preparing "fibrinolizat" for parenteral feeding of human subjects. J. Kremers and others. Izv AN Latv. SSR no 4 97-99 '62.

FIBRINOGEN
Correlation of the level of prothrombin and fibrinogen in the blood plasma in stenocardia and myocardial infarct [with summary in English]. L. P. Ermilov. Sov med. 26 no. 10 14-17 O '62.

FIBRINOLYSINS
Use of fibrinolysin in experimental thrombosis [with summary in English]. G. V. Andreenko, E. I Chazov Vop med. khim. 8 no.1.47-52 Ja-F '62.

FIBRINOLYSIS
Change in the coagulation, anticoagulation and fibrinolytic systems of the blood in chronic hepatitis and cirrhosis of the liver [with summary in English]. IU. A. Sharova Sov med. 26 no 7:47-53 Jl '62.
Fibrinolytic hemorrhages [with summary in English]. A A. Chervinskii, V. M. Rassokhin Sov med. 26 no 7:54-58 Jl '62

FIEGONTOV, ALEKSEI KANID'EVICH, d. 1943
Heroic comissars of the Far East were teachers. G. Masalov Nar. obr. no 11 98-100 N '62

FIELD CROPS
(see also subdivision under Chuvashia; Uzbekistan)
[Agriculture abroad: Plant culture] Sel'. khoz. za rub. Rast. 8 no.11 '62.
(DNAL)

FIELD CROPS—DISEASES AND PESTS
(see also subdivision under Samarkand Province)
Predicting the spread of main diseases of field crops in 1962. A. E. Chumakov. Zashch. rast. ot vred. i bol. 7 no. 3.47-49 Mr '62.

FIELD CROPS—FERTILIZERS AND MANURES see subdivision under Orel Province; Ukraine

FIELD EMISSION
Field emission of TaB_2. T. L. Matskevich, T. V. Krachino, A. P. Kazantsev. Radiotekh. i elektron. 7 no 11 1972-1973 N '62.

FIELD MICE see subdivision under Kazakhstan; Nero Lake region, Siberia, Western; Tajikistan

FIELD MICE—EXTERMINATION see subdivision under Omsk Province

FIGURNOV, KONSTANTIN MIKHAILOVICH, d. 1961
In memory of K. M. Figurnov. Akush. i gin. no.1:125 '62.

FILATOV, ANTONIN NIKOLAEVICH, 1902-
Professor A. N. Filatov; on his 60th birthday. Probl. gemat. i perel. krovi no.11.59-60 '62.

FILONENKO-BORODICH, MIKHAIL MITROFANOVICH, 1885-1962
Mikhail Mitrofanovich Filonenko-Borodich. Stroi. mekh. i rasch. soor. 4 no. 5.46-47 '62.

FILTER PRESSES
Increased efficiency of filter presses in the ceramic and kaolin industry. B. Galevs'kyi, L. Cherednychenko. Bud. mat. i konstr. 4 no. 5:53-56 S-O '62.

FILTERS AND FILTRATION
(see also subdivision under Sweden)
Emel'ianov, L. A. [Filtration of diesel fuel] Fil'tratsiia dizel'nogo topliva. Moskva, Mashgiz, 1962. 105 p.
Filter press tiles made of reinforced rubber. A. N. Stafievskii, N. K. Beloglazov. Khim. prom. no. 6.463-464 Je '62.
Ways of improving the filtration of finely ground iron ore concentrates in ore dressing combines. L. P. Shupov. Met. i gornorud. prom. no. 2:55-58 Mr-Ap '62.

FINANCE
(see also subdivision under Egypt; Kazakhstan)
Several characteristics and principles of the organization of business accounting in a plant. G. Grenbek. Nauch. dokl. vys. shkoly, ekon. nauki 5 no. 6:66-73 '62.

FINANCE—LAW
"The development of Soviet budget law" by V. V. Bescherevnykh. Reviewed by R. I. Rozenblium Izv vys. ucheb zav., prav. 6 no. 3:165-167 '62.
"Soviet financial law" by M. I Baryshev and others. Reviewed by N. I Magid. Izv. vys. ucheb. zav., prav. 6 no 3:161-164 '62

FINCHES see subdivision under Kharaulakh Range

FINES (PENALTIES)
(see also subdivision under Chernigov Province)
Raikher, V. K. [Fines imposed for the nonperformance of maritime freight transportation contracts] Shtrafnye sanktsii po morskim gruzovym perevozkam. Moskva, Morskoi transport, 1962. 85 p

FINGERS—DISEASES
Evaluation of the methods of treating chinga. G. V. Popov. Sov. med. 26 no. 7:98-100 Jl '62.

FINISHES AND FINISHING
Mechanized finishing of panels. Stroi. i arkhit. Len. 24 no. 10:25 O '62.
Ways of industrializing finishing work. Z. G. Suponitskii. Stroi. i arkhit. Len. 21 no. 10:18-20 O '62.

FINLAND—COMMERCE—RUSSIA
On the occasion of the 15th anniversary of the Soviet-Finnish trade treaty. V. Koshentnovskii Vnesh torg. 42 no. 11:37, 41-42 '62.

FINLAND—RESEARCH
In the research institutes of Finland. V. Gromov. Izv AN Latv. SSR no. 7:133-137 '62.

FINLAND, GULF OF—OCEANOGRAPHY
Calculation of fluctuations of the level of the sea during a period of storms in the western Gulf of Finland L. F Titov, N. O. Solntseva, V. D. Pisarevskaia. Trudy GOIN no 69:28-45 '62.
Calculation of wind-caused fluctuations in the level of the eastern Gulf of Finland N. A. Labzovskii. Trudy GOIN no. 69:46-56 '62.
Expeditionary studies of fluctuations in the level and currents of the Gulf of Finland. IU. D. Mikhailov. Trudy GOIN no 69:73-86 '62.

FINLAND, GULF OF—TIDES
Estimation of the tidal fluctuations in the level at Tallinn and Kronshtadt. IU D Mikhailov. Trudy GOIN no. 69: 87-91 '62

FINLAND, GULF OF—WINDS
Results of shipboard studies of the wind above the Gulf of Finland. IU. D. Mikhailov, V. D. Pisarevskaia. Trudy GOIN no. 69:57-72 '62.

FIRE ALARMS
Automatic information by means of the "01" dial. S. Zhdanov, A. Smirnov. Pozh. delo 8 no. 11.22-23 N '62

FIRE CONTROL (GUNNERY)
Adjustment of fire by a scale with the aid of a helicopter. G Golovin. Voen. vest. 42 no. 5:82-83 My '62.

FIRE ESCAPES
Is there a need for outer fire escape stairs? Pozh delo 8 no 11 23 N '62.

FIRE EXTINCTION
Selecting wetting agents. IU. Gunbin, P. Demidov, M Kazakov Pozh. delo 8 no 11:16-17 N '62.

FIRE EXTINCTION—SOCIETIES, ETC. see subdivision under Kamchatka

FIRE PREVENTION
Readers' letters. Pozh. delo 8 no. 11:32 N '62.

FIRE PREVENTION—INSPECTION see subdivision under Leningrad

FIRE PREVENTION—STUDY AND TEACHING
Improve the training of specialists. I. Nikolaev. Pozh. delo 8 no 11:14-16 N '62.
A most urgent need. M. Shcherbakov. Pozh. delo 8 no 11-18 N '62

FIREARMS INDUSTRY see subdivision under Tula

FIREBRICK—DENSITY
Increasing the density of refractories for blast furnace shafts. N. F. Kozinskii. Met. i gornorud. prom. no. 2: 46-47 Mr-Ap '62.

FIREMEN
Award for courage. Pozh. delo 8 no. 11:21 N '62.

FIRST AID IN ILLNESS AND INJURY
First aid in burns. M. M. Gorbenko. Sov. med. 26 no. 7:102-103 Jl '62.
Relationship between first aid stations and ambulatory-polyclinical centers. M. A. Messel'. Sov. zdrav. 21 no. 8:8-10 '62.
Rendering first aid to patients with myocardial infarct in Moscow [with summary in English]. S. G. Moiseev. Sov. med. 26 no. 6:30-35 Je '62.

FISH, CANNED
(see also subdivision under Lithuania; Shikotan Island)
Tin in canned fish products. F. M Puzikov. Ryb khoz 38 no 5 70-72 '62

FISH CULTURE
(see also subdivision under Astrakhan region)
Survival increase in the progeny of carp (Cyprinus carpio L.) [with summary in English]. I I Kurenkova Zool. zhur. 41 no. 9:1367-1373 S '62.

FISH CULTURE—CONGRESSES
All-Union Conference on the use of Ctenopharyngodon and Hypophthalmichthys in commercial fishing. A. I. Makeeva. Vop. ikht. 2 no. 2:380-383 '62.

FISH POPULATIONS
Application of variational statistical indices in the investigation of some problems of variability in fish populations. F. A. Turdakov. Vop. ekol. 1:152-154 '62.
Changes in the biological characteristics of fish populations and the significance of these changes in establishing fishery forecasts. T. I. Dementieva. Vop. ekol. 4:22-25 '62.

FISH PROCESSING PLANTS—EQUIPMENT AND SUPPLIES
UV-1 weighing unit. Ryb. khoz. 38 no 6 94-95 '62

FISH TAGGING
Results of herring tagging in the Karelian waters of the White Sea K. A. Altukhov, V. M. Ilmastova Ryb khoz 38 no 5:19-22 '62.

FISHERIES
(see also subdivision under Kara-Kalpak A. S. S. R.; Murmansk Province; Sakhalin)
All crews of the fishing fleet should make use of the work practices of the beacons of the seven-year plan. S. P. Ivkin. Ryb. khoz. 38 no. 5:3-5 '62.

FISHERIES—BIBLIOGRAPHY see Bibliography—Fisheries

FISHERIES—CONGRESSES
Second Congress of the Scientific and Technical Society of the Food Industry. Ryb khoz 38 no. 5:89-90 '62

FISHERIES—RESEARCH
(see also subdivision under Karelia; Split)
Methods of establishing the optimum size and weight of commercial fishes corresponding to the ecologic conditions of the bodies of water. E. A. Pervozvanskii Vop. ekol. 4:88-89 '62.
Problems of biological fishery research in the light of the resolutions of the 22d Congress of the C P S U. Vop. ikht. 2 no. 2:200-219 '62.

FISHERMEN
Let's give fuller satisfaction to fishermen's requirements. V. Mitiushkin. Sov. potrch. koop. 6 no 12 45-47 O '62.

FISHERY PRODUCTS—PRESERVATION
TSapko, A. S. [Fish preservation by refrigeration] Konservirovanie ryby kholodom. [Arkhangel'sk] Arkhangel'skoe knizhnoe izd-vo, 1959. 97 p [MICROFILM]

FISHES
(see also subdivision under Alaska, Gulf of; Barents Sea; Farkhad Reservoir; Kakhovka Reservoir; Poland; Volga River)
Acclimatization of fishes and invertebrates [with summary in English]. A. F. Karpevich. Zool. zhur 41 no. 7:980-985 Jl '62.
Gerasimov, V. P. [Fishes, amphibians, reptiles and their study in school; a textbook for teachers] Ryby, zemnovodnye, presmykaiushchiesia i izuchenie ikh v shkole; posobie dlia uchitelia. Moskva, Uchpedgiz, 1962. 225 p.

FISHES—ANATOMY
Location of the greatest body height in fishes [with summary in English]. IU. Alcev. Zool. zhur. 41 no 9 1429-1431 S '62.

FISHES—DISEASES AND PESTS
Using the method of acid oxythograms for early diagnosis of fish toxicoses. M. F. Govorova, M. M Tsilitchenko. Biul. MOIP, Otd. biol. 67 no 3:157-158 My Je '62.

FISHES—EGGS
Biochemical evaluation of spawners of the Kura River salmon Salmo trutta caspicus Kessler and their roe in the Chaykend and Chukhurkahala hatcheries. I. N. Petrenko, A. A. Karasikova. Vop. ikht. 2 no. 3 383-390 '62.
Characteristics of the mature roe of roach (Rutilus rutilus caspicus Jak.) in relation to the nature of the spawning stock. IU. I. Chepralkova, S. G. Vasetskii. Vop. ikht. 2 no. 2:262-274 '62.
Effect of Sr^{90}-Y^{90} on the developing eggs of sterlet and the sea bass Serranus scriba L. O. G. Polikarpov, V. N. Ivanov. Biul. MOIP. Otd. biol. 67 no. 3:133-141 My-Je '62.

FISHES — EGGS (Continued)

Spawning of the pike perch Lucioperca lucioperca (L.), the bream Abramis brama (L.), the roach Rutilus rutilus heckeli (Nord.) and (the development of their roe in the great depths of Kakhovka Reservoir N. D. Belyi. Vop. ikht 2 no 2:291-294 '62.

FISHES—EMBRYOLOGY see Embryology—Fishes

FISHES—FOOD
(see also subdivision under Barents Sea)

Differences in the biological characteristics of food organisms as a factor determining fish growth and the composition of commercial fish complexes. B. M Mednikov Vop. ikht. 2 no. 2 299-308 '62.

Feeding and food resources of herring larvae in the lower Volga before and after the construction of the Volgograd Dam R P. Matveeva. Vop. ikht 2 no. 2 325-335 '62.

Feeding habits of the Murmansk herring in schools and outside of schools in aquariums. V. V Gerasimov. Trudy MMBI no. 4:254-259 '62.

Feeding of the bream Abramis ballerus (L.) in Rybinsk Reservoir IU G IUrovitskii. Vop. ikht. 2 no. 2:350-360 '62.

Feeding young sturgeons with brewer's yeast. M. M Kargopolova. Ryb khoz. 38 no. 5 22 '62.

Food of the codfish Pleginus navaga of the Pechora Bay. A. V. Belova. Trudy MMBI no. 4:146-152 '62

Observations on the food of haddock in an aquarium. R. IA. TSeeb. Trudy MMBI no. 4:153-161 '62.

Reliability of hydrobiological samples in the evaluation of food supply for fishes. G. I. Shpet, V. S. Rotovskaia. Vop. ekol. 4:155-156 '62.

Results of using Artemia salina L. as food in raising acipenserid fry in round basins. A F. Gun'ko, T. G. Pleskachevskaia. Vop. ikht. 2 no. 2:371-374 '62

Role of the sense organs of fishes in their search for food M P Aronov Usp sovr biol 54 no 1:115-126 Jl-Ag '62

FISHES—MIGRATION
(see also subdivision under Volga Delta)

Downstream migration of the young of the sturgeon Acipenser baeri Br. from the Irtysh River. L. M. Balakhonova, V. V Barsukov. Vop. ikht. 2 no. 2 309-315 '62.

FISHES—PHYSIOLOGY

Comparative immunological study of the complementary function of the blood in fishes. V. I. Luk'ianenko, E. K. Mieserova. Dokl. AN SSSR 146 no. 4:971-974 O '62.

FISHES, FRESHWATER

Leading factors determining the distribution of fishes in rivers. P. A. Driagin. Vop. ekol. 4:25 '62.

FISHING

"Paths of fish" by Mikhail Zaborskii. Reviewed by Il'ia Fomin. Ilin nat. no. 10-21 O '62

FISHING BOATS

Automatic regulator for the paddle unit of large refrigerator trawlers with a controllable-pitch propeller. L. A. Gonf. Ryb. khoz 38 no. 5 25-29 '62.

Causes of the rarefaction of oil in the 4DV224 100 h. p. engines and their elimination. Ryb. khoz. 38 no. 5 88 '62.

FISHING NETS

Selective action of fishing nets and its economic significance. A. N. Smirnov, V. M Naumov. Ryb. khoz. 38 no. 5:50-54 '62

FISTULA

Fistulae communicating with hollow organs in tuberculous spondylitis [with summary in English]. D. G. Kovalenko. Vest. khir 87 no. 11:76-82 N '61

Method for examining patients with external biliary fistulae. S. D. Popov. Vest. khir. no. 5:88-91 '62.

Modification of the operation for placing a vaginal fistula for the graphic registration of the contractile activity of the uterus (internal hysterography in an experiment) [with summary in English]. V. M. Klebanov. Biul. eksp. biol. i med. 54 no. 7:109-110 Jl '62.

Two-stage abdominal and perineal plastic surgery in atresia of the anus with vaginal fistula in a child. N. B. Sitkovskii. Vest. khir. 87 no. 11:117-119 N '61.

Unusual reconstructive operation in biliary fistula. T. A. Grasmik. Vest. khir. no. 5:107-109 '62.

FISTULA, BILIARY

Plastic restorative operation in fistula and high stricture of the common bile duct. V. M. Velichenko Zdrav. Bel. 7 no. 11:20-22 N '61.

FISTULA, BRONCHIAL

Stump and alveolar bronchopleural fistulae following partial resection of the lung [with summary in English]. V. A. Bykova, V. M. Sergeev, K. B. Krymova. Vest. khir. no. 5:10-22 '62.

FISTULA, INTESTINAL

Method for applying a chronic fistula to the duodenum in chickens. A. F. Loiko. Nauk. pratsi Ukr. nauk.-dosl. inst. ptakh. 9 no. 1:137-139 '61.

FLAX see subdivision under Minsk Province, Ukraine

FLAX—DRYING

Ways of intensifying the drying of flax yarn on cross-wound bobbins G N. Morozov Izv. vys. ucheb. zav., tekh. tekst. prom no. 5 130-138 '62.

FLAX—HARVESTING

New machines for flax weeding and harvesting. L. Kliatis, V. Riabokobylenko. Ekon. sel'khoz. 33 no. 10:76-80 O '62.

FLAX—PRICES

State purchasing prices and flax quality. IU. Artanovskii. Vop. ekon. no. 10:142-146 O '62.

FLAX PROCESSING MACHINERY

Flax thrasher. M. Fedlukov. Sel'. mekh no. 4:43 '62.

Some comparison data on the performance of MTL-1 and LT-1 breaking and scutching machinery units. D. E Kabashev. Tekst. prom 22 no. 11 27-28 N '62

FLEAS
(see also subdivision under Tajikistan)

Method of radioactive indicators used for determining the comparative frequency of feeding of various species of fleas under laboratory conditions. N. S. Novokreshchenova, I. S. Soldatkin, A. I. Levoshina Vop. ekol. 4:135-137 '62.

FLIES see subdivision under Kharkov Province

FLIGHT

Insects and airplanes. IU. M. Zalesskii. Priroda 51 no. 11 51-58 N '62

FLIGHT TRAINING

Live spring of creative spirit. P. Kutakhov, L. Fil'chenko. Av. i kosm. 45 no. 11:55-59 '62.

New forms. G. Mikhailenko. Av. i kosm. 45 no. 11:56-57 '62.

Puntus, V. G. [Winged generation] Krylatoe plemia. [Stalingrad] Stalingradskoe knizhnoe izd-vo, 1961. 217 p.

FLOCCULATION

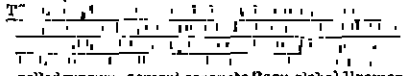
Pentaphthalic resins as surface-active peptizators of carbon black. A. A. Trapeznikov, M. A. Chupcev. Dokl. AN SSSR 147 no. 2:422-425 N '62.

FLOOD FORECASTING see subdivision under Neva River Estuary

FLOOR COVERINGS

Voronov, V. A., and V. V. Tokmakov. [Installing poured floor coverings of synthetic materials; experience of the "LOS-2" Trust of the Main Administration for Housing and Public Construction in the City of Leningrad] Ustroistvo nalivnykh pokrytii polov iz sinteticheskikh materialov, opyt tresta "LOS-2" Glavleningradstroia. Leningrad, 1962. 17 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Serita: Stroitel'naia promyshlennost', no. 17)

FLOORS, CONCRETE



rolled gypsum-cement concrete floor slabs] Vremennye ukazaniia po izgotovleniiu i primeneniiu krupnorazmernykh gipsotsementobetonnykh panelei dlia osnovanii pola. Moskva, Gosstroiizdat, 1962. 37 p.

FLOTATION
(see also subdivision under Chiatura)

Belash, F. N. [Flotation of iron ores] Flotatsiia zheleznykh rud. Moskva, Gosgortekhizdat, 1962. 210 p.

Destruction of foam in sulfur flotation concentrates. V. I. Goncharov. Khim prom no. 9-693-695 S '62.

Flotation of iron oxides using a mixture of nonsulfonated compounds and tall oil. F. N. Belash, O. V. Pugina, I. K. Getmanovskii. Gor. zhur. no. 6:71-72 Je '62.

Methods of preparing copper-nickel mattes for separation by flotation into copper and nickel concentrates S T. Kiselev. TSvet. met. 35 no. 11:63-66 N '62.

Positive effect of ammonium sulfate on processes of sulfidizing and flotation of cerussite in presence of calcium and magnesium ions. V. A. Glembotskii, I. M. Kulikov. Izv. vys. ucheb. zav.; tsvet met. 5 no. 3 32-41 '62.

Radiometric investigation of the formation of calcium compound films at the solution-air interface and their effect on adhesion in flotation. M. A. Eigeles and others. Dokl. AN SSSR 147 no. 1:166-169 N '62.

FLOTATION—EQUIPMENT AND SUPPLIES

Bedran', N. G., and A. P. Zhendrinskii. [Ejector-type flotation machine] Ezhektornaia flotatsionnaia mashina. Moskva, Gosgortekhizdat, 1962. 41 p.

Field of using high activity flotation reagent-collectors. Report No. 1 I. A. Kakovskii, E. I. Silina, A. N Grebnev. Izv. vys. ucheb. zav.; tsvet. met. 5 no. 3 42-48 '62.

FLOW OF GAS see Gas flow

FLOW OF WATER see Hydraulics

FLOWERS see subdivision under Kirghizistan

FLOWMETERS

Improved methods of fluidity determination S. P. Nesterisev Lit. proizv. no. 9 39-41 S '62

FLOWOFF see Runoff

FLOUR MILLS

The BVS small-roller flour mill G. D. Gal'perin and others. Biul. tekh.-ekon. inform. Gos. nauch.-issl. inst. nauch. i tekh. inform. no. 11:74-78 '62.

FLOUR MILLS—EQUIPMENT AND SUPPLIES

Production capacity and disproportions among the groups of machines in flour mills. A. K. Pavliuchenkov Izv. vys. ucheb. zav.; pishch. tekh. no. 4:14-17 '62.

FLUID DYNAMICS

The breakup of a liquid cylindrical stream in a space limited by a stationary wall taking the viscosity into account V. I. Smirnov Izv. vys. ucheb. zav., tekh. tekst. prom no. 5 122-129 '62.

Problem concerning pressure fluctuations in a siphon spillway G. V Simakov Izv. vys. ucheb. zav., energ. 5 no. 10:106-114 O '62.

Temperature separation in free molecular expansion into a vacuum. A. S. Pleshanov. Dokl. AN SSSR 146 no. 4:782-784 O '62.

Waves in a viscous fluid. IU. K. Konenkov. Akust. zhur. 8 no. 3:320-324 '62.

FLUIDIZATION

Drying of a pastelike copper-nickel catalyst in a fluidized bed. P. G Romankov and others. Masl.-zhir. prom. 28 no. 7 10-13 Jl '62

Enlarged plant for the drying, hardening, and roasting of raw materials in a fluidized bed. T. I. Machkasov and others. Trudy Inst. met. i obog. AN Kazakh. SSR 5 130-140 '62.

Industrial testing of equipment for sand drying in a fluidized bed. A. O. Rogalin, G. V. Krilukov. Lit. proizv. no. 8:12-14 Ag '62.

Mechanical variable speed drives in the automatic control of metallurgical processes. S. B. Argunov, P. I Protsenko Izv. vys. ucheb. zav., tsvet. met. 5 no. 3 154-158 '62.

Method for calculating the duration of grain drying in a pseudo-fluidized bed [with summary in English]. A. S. Ginzburg, V. A. Rezchikov. Inzh.-fiz. zhur. 5 no. 8: 40-47 Ag '62.

Oxidation of ethylene in a fluidized bed of a catalyst. G. K. Boreskov and others. Kin. i kat. 3 no. 2:214-220 Mr.-Ap '62.

FLUIDIZATION—TERMINOLOGY

Terminology in fluidization techniques. Khim. prom. no. 6:445-446 Je '62.

FLUORENE

Chemistry of fluorene. Part 4: Synthesis of new 2,3,7-trisubstituted fluorenes. A. E. Kretov, V. V. Litvinov. Zhur. ob. khim. 32 no. 11:3799-3801 N '62.

FLUORESCEIN

Spectrum study of the luminescence of the tissues of otorhinolaryngological organs. IU. N. Efuni, A. V. Kariakin. Biofizika 7 no. 4:480-483 '62.

FLUORESCENCE

Absorption and luminescence of anthracene impurities in octahydroanthracene crystals at 20° K [with summary in English]. V. M. Vatulov. Ukr. fiz. zhur. 7 no. 1: 37-45 Ja '62.

Fluorescence of the cells of woody plants in a frozen state [with summary in English]. O. A. Krasavtsev. Fiziol. rast. 9 no. 3:360-367 '62.

Mechanism of the effect of aromatic amines on the fluorescence and photochemical oxidation of anthracene compounds. T. M. Vember. Dokl. AN SSSR 147 no. 1: 123-126 N '62.

On the ultraviolet fluorescence of muscles. I. IA. Barakil, E. M. Brumberg, V. A. Brumberg. Dokl. AN SSSR 147 no. 2:474-476 N '62.

FLUORESCENCE MICROSCOPY

Importance of luminescence microscopy of the blood and the determination of enzyme activity (aldolase, transaminase and alkaline phosphatase) in the differential diagnosis of jaundices of various etiology [with summary in English]. E. A. Mikhailova. Trudy LSGMI no. 39, 89-97 '61.

FLUORINE—ANALYSIS

Method for determining fluorine in apatite-nepheline ores and apatites. I. G. Izhak. Zav. lab. 28 no. 8:907 '62.

FLUORINE—ISOTOPES

Lower levels of O^{17} and F^{17} in the α-model of the nucleus. Z. Matikhiz, V. G. Neudachin, IU. F. Smirnov Izv. AN SSSR. Ser. fiz. 26 no. 8:1060-1069 Ag '62.

FLUORINE COMPOUNDS

Aromatic fluoro derivatives. Part 10: 2, 4, 5-trihalostyrenes. G. G. Yakobson, L. I. Denisova, L. B. Krasnova. Zhur. ob. khim. 32 no. 10:3131-3134 O '62.

FLUORITE
Effect of radioactivity on the coloration of fluorite. G A. Il'inskii. Zap. Vses. min. ob-va 91 no. 5 613-615 '62.

FLUX (METALLURGY)
Electric furnace for making AN-T type fluxes. I. A. Baks, L. M. Berson, A. L Konisev. Svar. proizv. no. 8 28 Ag '62.
Fused carbide fluxes for the welding of austenitically stable steels and alloys. B. I. Medovar, L. V. Chekotilo, L. I. Kumyah. Svar. proizv. no. 8:19 Ag '62.
Manganese fluoride flux for the welding of austenitically stable steel and alloys. B. I. Medovar, L. V. Chekotilo. Svar. proizv. no. 8 17-19 Ag '62.
Surface and interface tension of CaF_2-base binary melts S B IAkobashvili, I I Frumin Avtom svar 15 no 10 41-45 O '62

FLUX (METALLURGY)—TESTING
Evaluating the stabilizing effect of fluxes for automatic welding and hard facing. K V. Bagrianskii, V. D. Piskich. Svar. proizv. no. 8 22-25 Ag '62

FLYING FISH see subdivision under Japan, Sea of

FOAM
Destruction of foam in sulfur flotation concentrates V. I. Goncharov. Khim. prom no 9 693-695 S '62

FOAM GLASS see Glass, Cellular

FOLDS (GEOLOGY)
(see also subdivision under Kakhetia)
Akademiia nauk SSSR. Institut fiziki Zemli [Crustal fold deformations, their types and the mechanism of formation] Skladchatye deformatsii zemnoi kory, ikh tipy i mekhanizm obrazovaniia; sbornik statei. Moskva, Izd-vo Akad. nauk SSSR, 1962. 333 p

FOLIN REAGENTS
Using the Folin reagent in quantitative determination of phenol compounds by paper chromatography [with summary in English] M. N. Zaprometov Fiziol. rast. 9 no. 3 389-392 '62.

FOLK ART see subdivision under Archangel Province

FOLK DANCING, AFRICAN
"Dancing in Africa" [in German] by R. Italiander Reviewed by O B Gromova Nar. Az i Afr no 6 208-209 '62.

FOLK DRAMA, UZBEK
The Uzbek folk theater in the Soviet period M Kadyrov. Nauch. rab. i soob. Otd obshchestv. nauk AN Uz SSR 4: 251-257 '61.

FOLK LITERATURE, DAGHESTAN
Dalgat, U. B [Folklore and literature of the peoples of Daghestan] Fol'klor i literatura narodov Dagestana. Moskva, Izd-vo vostochnoi lit-ry, 1962. 204 p.

FOLK POETRY see subdivision under Yugoslavia

FOLK POETRY, AZERBAIJANI
The folk poem "Mehr Mah" and the poem "Mehr and Mushteri" [in Azerbaijani with summary in Russian]. K. Dzhakhani. Izv. AN Azerb. SSR. Ser. obshchestv. nauk no. 7. 93-103 '62.

FOLK SONGS
Kulakovskii, L. V. [How to collect and record folk songs] Kak sobirat' i zapisyvat' narodnye pesni. Moskva, Sovetskii kompozitor, 1962. 48 p. (Massovaia fol'klornaia biblioteka liubitelia muzyki, no. 3)

FOLK SONGS, UKRAINIAN
"Historical songs," edited by I. P. Berezovs'kii and others. Reviewed by V Sokolova Sov. etn no 5 167 S-O '62

FOLKLORE
(see also subdivision under Chusovaya Valley)
Ozhegova, M. N. [Oral poetic tradition of the Komi-Permyak people] Ustno-poeticheskoe tvorchestvo Komi-Permiatskogo naroda. Kudymkar, Komi-Permiatskoe knizhnoe izd-vo, 1961. 113 p.

FOLKLORE, WHITE RUSSIAN
"Folklore and literature of White Russia of the epoch of feudalism; from the 14th to the 18th century" by S I. Vasilenok. Reviewed by D. Likhachev. Vop. lit. 6 no. 8:208-214 Ag '62.

FOOD
Kudenisov, N. D. [Cook's guide to food products] Tovarovedenie prodovol'stvennykh tovarov dlia kulinarov. Moskva, Gostorgizdat, 1962. 267 p.

FOOD—ANALYSIS
Analyzing the structural and mechanical characteristics of meat stuffing prepared with fat emulsion additives. A. A. Sokolov, IU. F. Zaias. Izv. vys. ucheb. zav. ; pishch tekh. no. 4:43-48 '62.

FOOD—CONTAINERS
Need for containers made with new materials. A. Ivanov. Obshchestv. pit. no. 10 27-28 O '62.

FOOD—DRYING
From the materials of the simposium held in London on the use of sublimation for food drying (from "Food Trade Review, "no 12, 1961) V N. Skorobogatov Kons i ov prom 17 no 11 43-46 N '62.
New developments in the drying of food products G. M. Movshovich Kons i ov. prom 17 no 11 40-43 N '62

FOOD—MICROBIOLOGY
Detection of the source of dysentery following its transmission in food B R. Mariupol'skii, O. G. Sokolov. Zdrav. Kazakh. 22 no. 6.49-50 '62.

FOOD—PRESERVATION
Markova, K. D , and E. F Shkol'nikova. [Technology of the refrigeration of food products] Kholodil'naia tekhnologiia pishchevykh produktov. Moskva, Gostorgizdat, 1962 156 p.

FOOD, CANNED
Application of the mathematical analysis in the development of new systems of canned food sterilization B L. Flaumenbaum and others. Kons i ov prom 17 no. 11 14-18 N '62

FOOD, CANNED—MICROBIOLOGY
Present-day state of the problem of the botulism stimulant and canned food production N. N. Mazokhina Kons i ov. prom. 17 no. 11-36-39 N '62

FOOD, CANNED—STERILIZATION
Air as heat carrier for the sterilization of canned food in glass containers. M. IA. Kikin, N. V. Morozov, M. S Aminov. Izv. vys. ucheb. zav. ; pishch. tekh no 4:128-132 '62.

FOOD, CANNED—STORAGE
Some changes occuring in puree-type canned food during storage P. P Lobzin, R V. Kudrova. Kons i ov prom 17 no 11-18-19 N '62

FOOD ADULTERATION AND INSPECTION
Rights and duties of public inspectors. G. Syrov. Obshchestv. pit. no 10.42-43 O '62

FOOD HABITS OF ANIMALS see Animals, Food habits of

FOOD INDUSTRY
(see also subdivision under Moldavia; Uzbekistan)
Important condition for improving the living standards of the Soviet people. L. Opatskii. Vop. ekon. no. 11 56-65 N '62.
The program of the CPSU and problems of the expansion of the food industry. G. V. Kruzhkov Izv. vys ucheb. zav. ; pishch. tekh. no. 4:3-8 '62

FOOD INDUSTRY—AUDITING AND INSPECTION see subdivision under Krasnodar

FOOD INDUSTRY—BY-PRODUCTS
Complex utilization of agricultural products by the processing industries. S E. Kharin, S. Z. Ivanov. Izv. vys. ucheb. zav. , pishch. tekh. no. 4:18-19 '62.

FOOD POISONING
Diagnosis of staphylococcal food poisonings. G. I. Lebedev, A. I. Mezhov, I. I. Borisov. Zhur. mikrobiol. , epid. i immun. 32 no. 12-116 D '61
Outbreak of food toxicoinfection caused by two types of Salmonella V. I. Butashov and others Zhur. mikrobiol. epid. i immun. 32 no. 12;114 D '61.

FOOT
Change in the height of the longitudinal arch of the foot under the influence of stress in athletes of some specialities. Z. S. Mironova, R. L Gorbunova. Teor. i prak. fiz. kul't. 25 no. 8:21-23 Ag '62.

FOOT-AND-MOUTH DISEASE
Studying the characteristics of variants and types of the foot-and-mouth disease virus A. I. Dudnykov Visnyk sil'hosp. nauky 5 no 6 84-90 Je '62

FORAGE PLANTS
Sowing soybean along with gramineous crops. I. A. Lebedev. Zhivotnovodstvo 23 no. 2:15-19 F '61.

FORAMINIFERA, FOSSIL
(see also subdivision under Laba Valley; Pacific Ocean)
Development of new forms in Foraminifera. D. M. Rauzer-Chernousova, E. A. Reitlinger. Vop. mikropaleont. no. 5:3-30 '62.

FORCE AND ENERGY
Sokolovskii, IU. I. [The concept of work and the law of conservation of energy, a scientific methodological analysis with a historical review] Poniatie raboty i zakon sokhraneniia energii; nauchno-metodicheskii analiz s istoricheskim ocherkom. Pod red. i s predisl. D. D. Galanina. Moskva, Izd-vo Akad. pedagog. nauk RSFSR, 1962, 339 p.

FOREARM—FRACTURE
Surgical treatment of diaphysial fractures of the forearm [with summary in English in insert] A. M Akimov Ortop , travm i protez. 23 no. 5.55-61 My '62.

FOREARM—WOUNDS AND INJURIES
Supracondyloid fractures of the humerus associated with injuries to the bones of the forearm V. P. Kostik. Zdrav Bel 7 no. 11 25-27 N '61

FOREIGN EXCHANGE see subdivision under Europe, Eastern

FOREIGN RELATIONS see International relations

FORENSIC BALLISTICS
Unusual sign of a gunshot point-blank. IU. S Vikanis, E N Pokrovskii. Sud. -med. ekspert. 5 no. 4:52 O-D '62.

FORENSIC HEMATOLOGY
Capacity of anti-P heteroimmune sera to detect agglutinogen P in preserved and nonpreserved blood kept in a liquid state at various temperatures M. V. Mishakova. Sud. -med. ekspert. 5 no. 4.33-37 O-D '62.
Preparation of anti-Le^a and anti-Le^b heteroimmune hemagglutinating sera. L. K. Arzhelina Sud. -med. ekspert 5 no. 4:37-42 O-D '62.
Quantitative determination of carboxyhemoglobin at various periods following death in forensic medical practice. O A Virovets. Sud -med. ekspert. 5 no 4-23-27 O-D '62.

FORENSIC MEDICINE see Medical jurisprudence

FORENSIC PSYCHIATRY—CONGRESSES
Forensic psychiatry at the Third International Congress of Psychiatrists in Montreal N.I Felinskaia. Sud -med. ekspert. 5 no 4.46-49 O-D '62.

FOREST ECOLOGY see subdivision under Kharovsk District, Vologda Province

FOREST FIRES see subdivision under Il'men' Preserve

FOREST INFLUENCES
Studying soil erosion by the method of small drainage basins O V Plashchov Visnyk sil'hosp nauky 5 no 5 106-108 My '62

FOREST INSECTS see subdivision under Chelyabinsk Province; Il'men' Preserve, Siberia, Western

FOREST MANAGEMENT see subdivision under Kharovsk District

FOREST NURSERIES see subdivision under Moscow Province

FOREST PROTECTION
Detecting forest diseases from the air. V. F. Lebedev. Zashch. rast. ot vred i bol. 7 no. 3:52 Mr '62.
Disinfecting the seeds of forest species. A A. Pristishniuk. Zashch rast ot vred i bol 7 no 5 30-31 My '62.
Principal problems of forest protection. V. N Stark. Zashch. rast ot vred i bol 4 no. 6.12-14 N-D '59

FOREST REPRODUCTION
(see also subdivision under Il'men' Preserve; Pyshma Valley, Vologda Province)
Effect of the root systems of pine stands on the regeneration of young growth under the forest canopy and on cutovers in bogs. A. I. Koshcheev. Trudy Inst. lesa i drev. 53.164-173 '62.

FOREST SOILS
Humus-gley soils of black alder forests. N. P. Remezov. Pochvovedenie no 10:10-23 O '62

FOREST THINNING see subdivision under Kadnikov region

FORESTRY ENGINEERING—EQUIPMENT AND SUPPLIES
"Mechanization of forest work" by L M. Zima, T. T. Maliugin. Reviewed by V. P. Vasiuchenko. Sred. spets. obr. 9 no. 10.62-63 O '62.

FORESTRY LAW AND LEGISLATION
Legal regulations on collective farm forests. L. A. Zaslavskaia. Izv. vys. ucheb. zav. ; prav. 6 no. 3 58-68 '62.

FORESTRY SOCIETIES
Bellin, I. G. [Studies on the history of forestry societies in prerevolutionary Russia] Ocherki po istorii lesnykh obshchestv dorevoliutsionnoi Rossii. Moskva, Goslesbumizdat, 1962. 166 p.

FORESTS AND FORESTRY see subdivision under Altai Mountains, Central Black Earth region; Kharovsk District

FORESTS AND FORESTRY—VALUATION
Changes of the growing organic mass in spruce and spruce-hardwood stands in the central taiga as related to their age. V. V. Smirnov. Trudy Inst. lesa i drev. 53:103-125 '62.
Defectiveness of mature and declining spruce forests in the Kadnikov tract. S. P. Uskov. Trudy Inst. lesa i drev 53-212-237 '62.

FORGE SHOPS—EQUIPMENT AND SUPPLIES
Manipulator for placing flat billets into the die cavity. V. V. Bassein. Kuz. -shtam. proizv. 4 no. 11.42-43 N '62.

FORGING

Calculating strip deformation during forging with rhombic die blocks. V. N. Trubin, V. I. Stepanenko. Izv. vys. ucheb. zav., chern. met 5 no. 10:88-95 '62

Local temperature measurements during forging and stamping G. I. Masalovich Izv. tekh no. 11 33-35 N '62

Making panels by the method of local forging. N. G. Evlanov, I. M. Rynskii, M. IA. Kuleshov. Kuz.-shtam. proizv. 4 no. 11:1-5 N '62.

Shape changes occuring in the upsetting of cylindrical blanks. R. Stepanian Prom. Arm 5 no. 10:47-51 O '62.

Shaposhnikov, D. E. [Making forgings on hot-stamping presses] Izgotovlenie pokovok na gorincheshtampovochnykh pressakh, opyt kuznechnogo tsekha Moskovskogo zavoda malolitrazhnykh avtomobilei. Moskva, Mashgiz, 1962. 178 p.

Specific pressures in hot upsetting with low degrees of deformation. F. D. Bichukin, I. M. Mertin. Kuz.-shtam. proizv. 4 no. 11:5-9 N '62.

FORGING MACHINERY

"Automatic production of threaded fastenings" by V. I. Zagurskii. Reviewed by I. D. Trofimov. Kuz.-shtam. proizv. 4 no. 11:17 N '62.

FORGING MACHINERY—CYLINDERS

Casting the cylinder of a forging hammer. N. P. Pukhal'skii Lit. proizv no. 9 9-10 S '62

FORK LIFT TRUCKS

Container tilter and multifork gripping device of motor loaders for loading piece freight on ships. A. I. Katyn. Biul. tekh.-ekon. inform. Gos. nauch.-issl. inst. nauch. i tekh. inform no. 11 84-85 '62.

FORMALDEHYDE

Advantages of treating potatoes with formalin before planting. N. D. IAkovleva. Zashch. rast. ot vred. i bol 7 no. 3:43 Mr '62.

Extend the disinfection with formalin G. M. Shkurenko. Zashch. rast. ot vred. i bol 7 no. 3 29 Mr '62.

Using melamine-formaldehyde resins in the production of building materials A. L. Zarubitskii Stroi. mat 8 no. 10 3 of cover O '62

FORMAMIDE

Thiamine disulfide and allithiamine metabolism in the animal organism [with summary in English] A. IA. Rozanov Biokhimiia 27 no. 4 641-650 Jl-Ag '62

FORMATES

Effect of sarcolysine and 6-diethylamino-7-methylpurine on the inclusion of formate-C^{14} in nucleic acids [with summary in English]. V. A. Kurisanova, IU. S. Gurevich-Usyskina. Vop. med. khim. 8 no. 1, 38-42 Ja-F '62

FORMS (MATHEMATICS)

Note on the Dirichlet principle in the theory of linear diophantine approximations. B. Kurimov Izv. AN Uz. SSR. Ser. fiz.-mat. nauk 6 no. 5:20-24 '62

FORTIFICATIONS, OLD see subdivision under Gorkiy Province

FORTUNETELLING

The fortuneteller foretold it... M. Krutik Nauka i rel. 4 no. 10, 42-45 O '62

FOUNDATIONS

Calculations of the deformations of foundations of industrial buildings and structures I. Rozenfel'd Prom. stroi i inzh. soor 4 no. 2 46-49 Mr-Ap '62

Characteristics of concrete work during the laying of foundations on permafrost soils. E. Kh. Bulgakov. Izv. ASIA 4 no. 1, 98-106 '62.

Construction of solid foundations in the winter. E. Shevchenko. Stroitel' 8 no. 10:7 O '62.

Designs of large-panel buildings for construction on permafrost soils with uneven settling during thawing. V. P. Ushkalov. Izv. ASIA 4 no. 1 73-75 '62.

Device for calculating bases for deformation. A. Marchuk. Stroi. arkhit 10 no. 10:28a O '62

Experience in preparing piles formed by blasting. N. Sepetyi and others. Stroi i arkhit 10 no 10 26-28 O '62.

Institute of Foundations and Underground Construction E. P. Kholizev. Izv. ASIA no. 3:124-125 '62

Litvinov, P. P. [Framed-slab foundations in housing and public construction] Ramno-panel'nye fundamenty v zhilishchno-grazhdanskom stroitel'stve. Leningrad, 1962. 10 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Serlia. Stroitel'naia promyshlennost', no. 11)

Orlov, V. O. [Frost heaving of finely dispersed soils] Kriogennoe puchenie tonkodispersnykh gruntov. Moskva, Izd-vo Akad. nauk SSSR, 1962 186 p.

"Precast reinforced concrete foundations of frame buildings" by S. A. Rivkin, D. A. Korshunov, M. M. Frenkel'. Reviewed by K. K. Antonov. Bet. i zhel. - bet. 8 no. 11:3 of cover N '62.

The use of short concrete piles with a pedestal formed by blasting. A. T. Osadchii, V. A. Polishchuk. Prom. stroi. 40 no. 9:38-40 '62.

FOUNDING

(see also subdivision under Kherson Province, Ukraine)

Automatic positioning of the cores in foundry molds. A. M. Shmiakov. Lit. proizv. no. 8:21 Ag '62.

Casting the cylinder of forging hammer. N. P. Pukhal'skii Lit. proizv no. 9 9-10 S '62

Continuous line in foundry practice. K. L. Shcherbakov. Lit. proizv no. 8:42-43 Ag '62

Improving the technology of casting box bodies. N. V. Perkhurov Lit. proizv. no. 8:33 Ag '62.

Priadko, L. M. [In nonferrous casting shops] Na tsvetnykh liteinykh kol'orovoho lytva. Kyiv, Derzhtekhvydav URSR, 1962. 14 p.

FOUNDING—ACCOUNTING

Technical and economic indices for the production of steel and cast iron pipe B. D. Khakhalin and others Lit. proizv no. 9 10-11 S '62

FOUNDING—BIBLIOGRAPHY see Bibliography—Founding

FOUNDING—CONGRESSES

Eighth conference on the theory of founding processes. A. IA. Khrapov. Izv. vys. ucheb. zav., chern. met. 5 no. 10:203-207 '62.

Results of the All-Union Conference on the Economy of Metal A. I. Klauzen Lit. proizv no. 9 15-18 S '62

FOUNDING—TERMINOLOGY

Technical terminology. A. N. Smolnikov. Lit. proizv. no. 8 43-44 Ag '62.

FOUNDRIES

The problem of the durability of the reinforced concrete elements of foundry building V. F. Riabchick, I. F. Tsiponiuk, D. N. Vakhidov. Prom. stroi 40 no. 9 40-44 '62

FOUNDRIES—EQUIPMENT AND SUPPLIES

Automated tumbling barrel model ZAII, for cleaning castings. D. M. Litvin, L. Sh. Gitel'man. Lit. proizv. no. 8 10-12 Ag '62.

Design of gating systems for making castings of magnesium alloys V. D. Toporov Lit. proizv no. 9 9 S '62

Hydraulic dust removal during the cleaning of castings. I. B. Kogan. Lit. proizv. no. 8 35 Ag '62.

Letter to the editors B. E. Dul'fan. Lit. proizv. no. 8: 15 Ag '62.

Over-all mechanization and automation in foundries. R. L. Leiderman, IU. F. Simonov. Lit. proizv. no. 8 39 Ag '62

Reorganization of melting departments in foundries. V. P. Migai Lit. proizv no. 9 42-43 S '62

Semiautomatic machine for the removal of fins from cast turbine blades A. S. Poliakov Lit. proizv no. 9 16-17 S '62.

Thirty-ton pouring ladle with tilting mechanism. K. E. Savianskii, A. B. Medzheritser. Lit. proizv. no. 8: 16-17 Ag '62.

Typical chamber driers for molds and cores S. I. Chetverukhin Lit. proizv. no. 9 17-19 S '62

Use of a diaphragm valve with pneumatic control in a Du-25 air distributor V. A. Bogachkin, A. S. Tomin Lit. proizv no. 9 23 S '62

Use of single-phase electromagnetic pumps in foundries. A. A. Gorshkov, V. P. Polishchuk, M. R. TSin. Lit. proizv. no. 8, 9 Ag '62.

Vibratory unit for cleaning billets. N. V. Kolesnik. Vest. mashinostr. 12 no. 11, 85-86 N '62.

Welded flasks made of rolled shapes. K. A. Sobolev. Lit. proizv no. 9 20-21 S '62

FOUNDRIES—HEATING AND VENTILATION

Local air suction from electrosmelting furnaces. A. A. Kosolapov, A. A. Karpas Lit. proizv. no. 8, 37-38 Ag '62.

FOUNDRIES—MANAGEMENT

Organization of rhythmic work in foundries. A. I. Rogov, IU. L. Kazarnovskii. Lit. proizv. no. 8, 8-9 Ag '62.

FOUNDRIES—QUALITY CONTROL

Ioffe, A. IA., ed. [Control of rejects and quality improvement of gray iron castings] Bor'ba s brakom i povyshenie kachestva otlivok iz serogo chuguna. Leningrad, 1962. 93 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Serlia: Liteinoe proizvodstvo)

FOUNDRY CHEMISTRY

Bonding of the fused sand crust with the casting. K. I. Vashchenko, S. P. Doroshenko. Lit. proizv no. 9 24-26 S '62.

FOUR-O'CLOCKS

Process of fertilization in Mirabilis jalapa L. M. I. Dlakova. Biul. MOIP, Otd. biol. 67 no. 3:115 My-Je '62

FOURIER SERIES

Indeterminacy limits of subsequences of partial sums of Fourier series D. F. Men'shov Mat. sbor 58 no. 3 335-376 N '62

Kolobov, A. M. [Selected chapters from higher mathematics, Fourier series, Fourier integral, and operational calculus (for institutions of higher technical learning)] Izbrannye glavy vysshei matematiki "Riad i integral Fur'e", operatsionnoe ischislenie (dlia vtuzov) Minsk, Izd-vo M-va vysshego srednego spetsial'nogo i professional'nogo obrazovaniia BSSR, 1962 227 p.

FRACTIONAL DISTILLATION see Distillation, Fractional

FRACTURES

Indices for various methods of immobilization in open fractures of the long tubular bones. I. IU. Kasem. Trudy 1-go MMI 7 100-123 '59.

Marks, V. O. [Healing of the closed bone fracture] Zazhivlenie zakrytogo pereloma kosti. Minsk, Izd-vo Akad. nauk BSSR, 1962. 281 p. (DNLM)

Surgical treatment of pseudarthrosis and retarded consolidation of fractures of the long tubular bones G. M. Tar-Egiazarov Zdrav. Bel. 7 no. 11, 22-24 N '61.

FRANCE—CEMENT INDUSTRIES

Production of cement in France Biul. stroi. tekh 19 no. 5 46-47 My '62.

FRANCE—COLONIES—AFRICA see Africa—French colonies

FRANCE—DAIRY BARNS

Farm for 180 cows with loose housing the year around. A. Toramanian. Sel'. stroi. no. 10:27-28 O '62.

FRANCE—DIALECTICAL MATERIALISM

Kuznetsov, V. N. [Postwar development of Marxist philosophy in France, 1945-1961] Razvitie marksistskoi filosofii vo Frantsii posle vtoroi mirovoi voiny, 1945-1961. gg., lektsiia dlia studentov-zaochnikov. [Moskva] Izd-vo Mosk. univ., 1962 62 p.

FRANCE—ELECTIONS

Candidates and voters Serge Zevons Nov. vrem. 20 no. 47 13-14 N '62

De Gaulle and France. V. Shatrov. Nov. vrem 20 no. 49:11-15 D '62.

The first round Nov. vrem 20 no. 48:4 N '62

FRANCE—ELECTRIC RAILROADS—WIRES AND WIRING

Asymmetrical pantographs manufactured in France. L. A. Beliaev Elek. i tepl. tiaga 6 no. 10:38-39 O '62.

FRANCE—MEDICINE, PSYCHOSOMATIC

Session of the French Society of Psychosomatic Medicine. Zhur. nevr. i psikh 62 no. 6:985-989 '62.

FRANCE—POLITICAL SCIENCE

Gerasenzon, A. A. [The problem of legality and justice in the French political theories of the 18th century] Problema zakonnosti i pravosudiia vo frantsuzskikh politicheskikh ucheniiakh XVIII veka. Moskva, Izd-vo Akad. nauk SSSR, 1962. 318 p.

FRANCE—RELATIONS (GENERAL) WITH THE UKRAINE

Reality is more fascinating than a fairy tale. Michel de-Serville Ukraina no. 23 10-11 D '62.

FRANCE—RUSSIAN STUDIES

The War of 1812 in the general courses of present-day French historians. V. G. Sirotkin. Ist. SSR 6 no. 6. 181-192 N-D '62.

FRANCE—RUSSIANS

Facing the Motherland Elena Mikulina Oktiabr' 38 no. 6 160-167 Je '62

FRANCISCANS see subdivision under Mazzarino, Sicily

FREIGHT AND FREIGHTAGE

Automotive transportation should be used for short distance shipments M. A. Smolodinov, Kh. M. Lazarev Zhel. dor. transp 44 no. 11 47-49 N '62.

Uniform technology in the operations of railroad stations and harbors A. S. Budanov, N. M. Bogdanov, L. I. Khmel'nitskii Zhel. dor. transp 44 no. 11 12-17 N '62

A well coordinated work is the basis of the merchant marine and railroad operations V. G. Bakaev Zhel. dor. transp. 44 no. 11:10-19 N '62

FREIGHTERS

Cargo motorship-platform "Zaporozhye." E. Sapozhnikov. Rech. transp. 21 no. 11 45 N '62

Shain, N. M. [The motorship "Zhan Zhores"] Teplokhod "Zhan Zhores." Moskva, Izd-vo "Morskoi transport," 1962. 107 p.

FRENCH LANGUAGE—DICTIONARIES—RUSSIAN

Machkovskii, G. L., comp. [French-Russian dictionary on cement and concrete] Frantsuzsko-russkii slovar' po tsementu i betonu. Pod red. M. L. Khigerovicha. Moskva, Gosstroiizdat, 1962. 310 p.

FRENCH LANGUAGE—GRAMMAR

"French grammar." Reviewed by O Andrieva'ka. Rad shk. 11 no 10 88 O '62

Practical trend in the teaching of French grammar in schools T S Volobrinskaia, N.G. Anan'eva Inostr. laz v shkole no 4 24-27 Jl-Ag '62

FRENCH LANGUAGE—STUDY AND TEACHING

Organizing French language lessons in grades five and six A T. Antonian. Inostr laz v shkole no 4 65-69 Jl-Ag '62.

FRENCH PERIODICALS

A new journal dedicated to tropical Africa V A. Subbotin Nar Az i Afr no 6 150-153 '62

FREQUENCY CHANGERS

Methods for automatic voltage control of self-regulated autonomous ionic frequency converters S M Katsnel'son, G.K. Shvarts. Elektrichestvo no. 11:71-76 N '62

Transistorized frequency converters for regulating the angular velocity of asynchronous motors D. A. Zvalikhin, G I. Novikova, Chzhen Bin-gan [Cheng Ping-kang] Elektrichestvo no 11,37-44 N '62

FREQUENCY MEASUREMENTS

Experimental study of frequency overshoots. V. I Tikhonov, V. A Larikov. Radiotekh i elektron. 7 no 11: 1901-1909 N '62

Investigation of the spatial frequency spectrum of a regular interferometer having N antennas. A. Balklavs. Izv AN Latv. SSR no. 7.57-64 '62.

Kovalevskaia, V. V., and A. E. Bartmer. [The TsCh-1 digital discrete frequency meter] TSifrovoi diskretnyi chastotomer TsCh-1 Leningrad, 1962. 22 p (Leningradskii dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Serita.Pribory i elementy avtomatiki, no. 5)

Lateral sensitivity of noncentered vibration pickups made of piezoceramics IU. I. Iorish, K. R. TSekhanskii Izm tekh no 11 26-27 N '62

Measuring the speed of the frequency drift of oscillator signals. I. V. Matveev. Izm tekh. no. 9 54-55 S '62

Testing frequency meters by a fixed standard frequency M. A. Stegantsev Izm tekh no 11,44-45 N '62

FREQUENCY MULTIPLIERS

Measurement of amplitude fluctuations of a frequency multiplier using a nonlinear resistance. M. D. Karasev, I V. Korablev, A. A Rabinovich-Vizel'. Radiotekh. i elektron. 7 no 11,1964-1966 N '62

FRESHWATER BIOLOGY
(see also subdivision under Kura River)

Ecologic studies on reservoirs, rivers and estuarial regions. P.L. Pirozhnikov. Vop.ekol. 4:66-70 '62.

FRESHWATER FISHES see Fishes, Freshwater

FRESHWATER FLORA
(see also subdivision under Bol'shoy Tatkul', Lake; Bol'shoye Miassovo, Lake)

Effect of the decomposition of some freshwater macrophytes on the quality of water O D Bekasova, K. A. Kokin Biul MOIP Otd biol. 67 no 3:152-153 My-Je '62

FRICTION

Determination of the coefficient of mutual friction between the superfluid and normal components along vortex line [with summary in English]. D. S. TSakadze Zhur. eksp. i teor. fiz. 42 no. 4 985-987 Ap '62.

Determining the losses for friction between the rolling pins and warp package on the weaver's beam of the slasher Z V. Shamrai Izv vys. ucheb. zav., tekh. tekst prom no 5 142-145 '62

Study of the operation of forces of friction in wire cables. K. A. Mositchuk. Sbor. trud. Inst. gor. dela AN URSR no. 12:142-151 '61.

FRIEDEL-CRAFTS REACTION

Derivatives of paraconic acid in the Hofmann and Friedel-Crafts reactions. V. B. Piskov. Zhur. ob. khim. 32 no. 10:3407-3408 O '62.

FRIEDELITE

Friedelite from ferromanganese deposits. V. V. Kalinin, [illegible] min ob-va 91 no. 5:605-609 '62.

FRIT FLIES—EXTERMINATION
(see also subdivision under Virgin Territory)

Shapiro, I. D. [Swedish fly as a corn pest and measures for its control] Shvedskaia mukha - vreditel' kukuruzy i mery bor'by s nei. Leningrad, Sel'khozizdat, 1962. 78 p. (Vrediteli i bolezni sel'skokhoziaistvennykh rastenii)
(DNAL)

FRONTAL BONE—BLOOD SUPPLY

Clinical importance of the diploic canals in hematogenic osteomyelitis of the frontal bone. S S. Ivanov. Vest. khir. no. 5:69-72 '62.

FRONTAL SINUS—DISEASES

Mucocele of the frontal sinuses complicated by a wasting away of the cerebral walls N. V Mishen'kin Zhur. ush., nos i gorl bol 22 no. 2 74-75 Mr-Ap '62.

FROST PROTECTION see subdivision under Georgia

FROST RESISTANT CONCRETE

The effect of surface-active substances on cement stone, mortar and concrete O V Kuntsevich, P E. Aleksandrov Sbor. trud LIIZHT no. 174 185-200 '60

Frost resistance of concretes with an addition of potash. E. V Lavrinovich Bet. i zhel. - bet. 8 no. 11:187-190 N '62.

FROST RESISTANT CONCRETE—TESTING

State standard for a method of determining the frost resistance of "heavy" concrete. Biul. strot tekh. 19 no 5:17-18 My '62.

FROZEN GROUND
(see also subdivision under Transbaikalia; West Siberian Plain; Zaysan Depression)

Abezgauz, V. D., and M. I. Gal'perin. [Working frozen ground in mechanized trench digging] Razrabotka merzlykh gruntov pri mekhanizirovannom ryt'e transhei. Moskva, Gostoptekhizdat, 1962. 93 p.
[MICROFILM]

Breaking down frozen ground by chipping it away. B. A. Nikolaev, M. I Gal'perin Strol truboprov. 7 no 9: 12-14 S '62

Characteristics of concrete work during the laying of foundations on permafrost soils. E Kh. Bulgakov Izv. ASIA 4 no. 1:98-106 '62

Deformations in embankments for construction on permafrost soils. A. L. IAstrebov. Izv. ASIA 4 no. 1.76-80 '62

Designs of large-panel buildings for construction on permafrost soils with uneven settling during thawing. V. P. Ushkalov. Izv. ASIA 4 no. 1:73-75 '62.

Formation of gold placers under the permafrost conditions E. Z. Gorbunov. Sov geol. 5 no 9:150-155 Je '62.

Machine for working frozen ground. P. Z. Petukhov and others. Mekh. strol. 19 no. 11:16-17 N '62.

Orlov, V. O. [Frost heaving of finely dispersed soils] Kriogennoe puchenie tonkodispersnykh gruntov. Moskva, Izd-vo Akad. nauk SSSR, 1962. 180 p.

Working frozen soils. N. IA. Bolovlev, G. V. Vereikin. Mekh. strol. 19 no. 11:17-18 N '62.

FRUIT

"Food music." I. Vol'per. Obshchestv. pit. no. 10:57-59 O '62.

FRUIT—DISEASES AND PESTS
(see also subdivision under Bostandyk District, Ukraine)

From the practice of protecting a state farm orchard. I I Vanin, I. G Firsov Zashch rast ot vred. i bol. 7 no 7 10-11 Jl '62.

FRUIT—STORAGE

Universal storehouse for vegetables and fruit. N. Korobova. Sel'. strol. no. 10:12-13 O '62.

FRUIT—TRANSPORTATION

Conditions of fresh fruit transportation in nonrefrigerator ships. IA. G. Korkhov. Trudy TSNIIMF no. 29:97-104 '60.

FRUIT—VARIETIES
(see also subdivision under Ukraine)

New varieties of fruit plants in the central zone of the European part of the R.S.F.S.R. and the white Russian S.S.R. Trudy MOIP, Otd. biol. 4:7-339 '61.

FRUIT CULTURE see subdivision under Georgia

FRUIT CULTURE—RESEARCH see subdivision under Ukraine

FRUIT CULTURE—STUDY AND TEACHING

Practical exercises on fruit culture. E. V. Kolesnikov. Shkola i proizv. 6 no. 5:19-27 My '62.

FRUIT FLIES
(see also subdivision under Tselinograd District)

Diagnostics of the larvae of fruit flies of the family Trypetidae (Diptera). Report No. 2 [with summary in English]. M. N. Kandybina. Ent. oboz. 41 no. 3:447-456 '62.

FRUIT JUICES

Let's give our country more fruit and grape juice. A. A. Leibman. Kons i ov. prom 17 no. 11:7 N '62.

FRUIT TREES see subdivision under Frunze

FRUIT WINES

Zarubin, V. A. [Making of fruit and berry wines] Proizvodstvo plodovo-iagodnykh vin. Moskva, Gos. izd-vo pishchevoi promizdat, 1962. 105 p. (Uchebnoe posobie dlia podgotovki kadrov massovykh professii)

FRUNZE, MIKHAIL VASIL'EVICH, 1885-1925

Unforgettable encounters I. Gamburg Voen. istor. zhur 4 no 11:69-82 N '62

FRUNZE—BOTANICAL GARDENS

Relations between the Frunze Botanical Garden and the botanical gardens of the U. S. S. R and foreign countries M. M Dzhamankulov. Izv AN Kir SSR Ser biol. nauk 4 no 3 155-159 '62.

FRUNZE—CONIFERAE

Biological characteristics of some irrigated conifer species. T. E. Zolotarev Izv. AN Kir SSR Ser. biol. nauk 4 no 3:57-77 '62

FRUNZE—DAHLIAS

Dahlias in the Frunze Botanical Garden [illegible] kaia. Izv. AN Kir. SSR. Ser. biol nauk 4 no 3 [illegible] 103 '62.

FRUNZE—FRUIT TREES

Fruit trees for landscape gardening in Frunze [illegible] Gareev Izv. AN Kir SSR. Ser biol nauk 4 no 3 [illegible] 27 '62.

FRUNZE—LANDSCAPE GARDENING

Fruit trees for landscape gardening in Frunze [illegible] Gareev. Izv. AN Kir. SSR. Ser. biol nauk 4 no 3 [illegible] 27 '62.

Landscape gardening in Frunze today and tomorrow P. D. Zhordev. Izv. AN Kir. SSR. Ser biol nauk 4 no. 3:5-13 '62.

Replenishing tree and shrub species for landscape gardening in Frunze. Izv. AN Kir. SSR Ser biol. nauk 4 no 3 15-20 '62

FRUNZE—LIBRARIES

Favorite household. A. Aldanaliev [illegible] 20-21 N '62.

FRUNZE—PLANT INTRODUCTION

Biology of trees and shrubs in the Frunze Botanical Garden. V. I. Tkachenko. Izv. AN Kir. SSR Ser. biol nauk 4 no. 3 33-42 '62.

FRUNZE—ROSES—VARIETIES

Rose varieties in the botanical garden V. I Va[illegible] Izv. AN Kir SSR, Ser. biol nauk 4 no 3 [illegible]

FRUNZE—WOODY PLANTS

Biology of trees and shrubs in the Frunze Botanical Garden. V. I. Tkachenko Izv AN Kir SSR Ser biol nauk 4 no 3:33-42 '62.

Replenishing tree and shrub species for landscape gardening in Frunze. V. I Tkachenko. Izv AN Kir SSR. Ser biol. nauk 4 no. 3:15-20 '62

FUEL
(see also subdivision under Japan, Ukraine)

Change in the structure of the fuel balance of the U.S.S.R. L. Nizhegorodova. Nauch. dokl. vys. shk. ekon. nauki 5 no. 6:86-91 '62.

Lower the specific consumption of fuel in the [illegible] industry. TSoment 28 no. 5:1-3 S-O '62.

FUEL PUMPS

A new fuel pump plunger. V. Ffion. Sel'. mekh. [illegible] 30 '62.

FUMIGATION

Is it necessary to fumigate slightly infected [illegible] V. I Kolomeichuk, G. E Sobol', P P Bolko [illegible] rast. ot vred. i bol 7 no 7:14-15 Jl '62

FUNCTIONAL ANALYSIS

Expansion of continuous averages by the exponents of a functional Laplacian. II, M. Polichchuk. Ukr. mat. zh. 3 no. 6:852-860 N-D '62.

A method for accelerating the convergence of iterative processes. I. Marek. Zhur. vych. mat. i mat. fiz 2 no. 6:903-971 N-D '62.

Solvability of Ritz systems for functionals in the theory of plasticity. L. N. Gagon-Torn. Trudy Mat. inst. 69 100-105 '62.

FUNCTIONS

Calculation of certain types of integrals of oscillatory functions. L. T. Savinova. Trudy Mat. inst. 66:178 181 '62.

Carleman function and its use in solving some geophysical problems. G. M. Voskoboinikov. Izv. AN [illegible] geofiz. no. 11:1679-1690 N '62.

Integration of a differential equation which is satisfied by the functions $P^{\mu}_{\nu}(x)$ and $Q^{\mu}_{\nu}(x)$. I. M. Karasev Sib. mat. zhur. 3 no. 6:839-844 N-D '62.

Regular functions with bounded mean moduli. L. V. Kreshtakova. Dokl. AN SSSR 147 no. 2:280-283 N '62.

FUNCTIONS (Continued)
Representation of functions of nonquasi-analytic classes. G.V.Badalian. Izv.AN Arm.SSR.Ser.fiz.-mat.nauk 15 no.5:3-9 '62.
Solving a two dimensional dynamic problem in the theory of elasticity by the methods of fundamental functions. T.Azhymudinov. Izv AN Uz.SSR Ser.fiz.-mat.nauk 6 no 5:5-13 '62.

FUNCTIONS, ANALYTIC
Approximation of analytic functions by polynomials in a finite number of regions. P.IA Kiselev Ukr.mat zhur. 14 no.2:202-205 '62.
On the feasibility of approximation in certain regions by linear aggregates from derivatives of an analytic function. IU.A Kaz'min Sib mat.zhur. 3 no.6:852-855 N-D '62.

FUNCTIONS, CHARACTERISTIC see Eigenfunctions

FUNCTIONS, ENTIRE
Asymptotic evaluation of coefficients for a certain class of integral functions. Sh.IAirmukhamedov Izv.AN Uz.SSR.Ser fiz.-mat nauk 6 no.5 30-36 '62.
Integral of a semiadditive measure and its application to the theory of entire functions Part 1. A A.Gol'dberg Mat.sbor. 58 no.3:280-334 N '62.
Some inequalities for polynomials and integral functions. R.P.Boas, K.I Rakhman. Dokl AN SSSR 147 no 1: 11-12 N '62.

FUNCTIONS, PERIODIC
Order and asymptotic value of the approximation of a nondifferentiable function by linear positive operators of a specific type. R.G.Mamedov. Dokl.AN SSSR 147 no.2:297-300 N '62.

FUNCTIONS OF COMPLEX VARIABLES
Analytic properties of contributions to the Feynman amplitude from some very simple diagrams [with summary in English]. V.Y.Kolomytsev. Ukr.mat.zhur. 14 no.2:128-137 '62.

FUNCTIONS OF SEVERAL VARIABLES
Equivalent normalizations of fractional spaces K.K. Golovkin. Trudy Mat.inst. 66:364-383 '62.
A generalization of the theorem of the mean for functions of several variables. M.L.Gerber, E.M.Landis. Dokl.AN SSSR 146 no.4 761-764 O '62.
Properties of some classes of differentiable functions of several variables defined in an n-dimensional region V.P Il'in. Trudy Mat. Inst. 66:227-363 '62.
Some properties of differentiable functions of several variables. V.P Il'in, V.A.Solonnikov Trudy Mat Inst. 66:205-226 '62

FUNGI see subdivision under Il'menskiy Preserve

FUNGI, PHYTOPATHOGENIC
(see also subdivision under Georgia)
Transmission of the Ascochyta disease of sainfoin by seeds and effectiveness of their disinfection [in Armenian with summary in Russian]. T.G.Stepanian. Izv.otdr.sel'khoz.nauki Arm.SSR 4 no.10:53-57 '61.

FUNGI IMPERFECTI
New nutrient medium for cultivating parasitic hyphomycetes. IU.P Babikova Zdrav.Turk. 6 no.2 23-26 Mr-Ap '62.

FUNGICIDES
New fungicides for controlling the brown patch in pears. O.P. Vovchenko. Nauk.pratsi Ukr.nauk.-dosl.inst. sad. no.37:91-97 '60.
New trends in the treatment of fungal diseases of the skin. A.M.Arievich and others. Sov.med. 26 no.6: 52-56 Je '62.
Studying new fungicides in controlling the apple scab. O.V.Isaieva. Nauk.pratsi Ukr.nauk.-dosl.inst.sad. no.37 89-93 '60.
Substitute for Bordeaux mixture. G.V.Gegenava Zashch.rast.ot vred.i bol 7 no.5 35-36 My '62.

FUNGICIDES—TOXICOLOGY
Side effects and complications following the use of a 4 per cent epifin plaster. L.S.Leikin. Zdrav.Bel. 8 no.2:32-34 F '62.

FUR-BEARING ANIMALS
Statistics of skin deliveries in studying changes in the abundance and distribution of game animals. B.A. Larin. Vop.ekol. 4:123-125 '62.
Theory of the acclimatization of fur-bearing animals. V.N.Pavlinin. Vop.ekol. 4:64-66 '62.

FUR-BEARING ANIMALS—DISEASES AND PESTS
Liubashenko, S.IA., and A.M.Petrov. [Diseases of fur-bearing animals] Bolezni pushnykh zverei. Moskva, Sel'khozizdat, 1962, 214 p. (Uchebniki i uchebnye posobiia dlia vysshikh sel'skokhoziaistvennykh uchebnykh zavedenii)
(DNAL)

FUR FARMING see subdivision under Sokal' District

FURALDEHYDE
Kinetics of furfurole catalytic oxidation. V.A.Slavinskii and others. Kin.i kat. 3 no.2:276-281 Mr-Ap '62.

FURAN
Catalytic dehydrogenation of dihydrofurans Synthesis of 2,4-dialkyl furans N.I.Shukin, I.F Bel'skii, R.A. Karakhanov Dokl AN SSSR 147 no 1 119-122 N '62
Derivatives of furan. Report No 28: Some thiosemicarbazones and semicarbazones of the furan series as possible antituberculosis drugs A.L.Mndzhoian and others. Izv.AN Arm.SSR.Khim.nauki 15 no.4 391-397 '62
Diockmann condensation. Part 10. Synthesis of 2-and 4-carbomethoxy-3-ketohydrothiophenes and 4-carbomethoxy-3-ketotetrahydrofuran. V.E.Kolchin, N.S. Vul'fson. Zhur.ob.khim. 32 no.11:3731-3734 N '62.
Furan series. Part 29: Reaction of 2,5-bis (chloromethyl) furan with metal cyanides. K.IU.Novitskii, IU.K.IUr'ev, V.N.Zhingareva. Zhur.ob.khim 32 no 10:3303-3306 O '62.
"Importance of vitamins and nitrofurans in obstetrics and gynecology" by R.L.Shub. Reviewed by N.Stolygvo. Izv.AN Latv.SSR no.7:139-140 '62.

FURANONE
Metallic compounds of 2-(α,N-piperidino)-4-isopropylhydroxytetrahydro-3-furanone. I.G.Tishchenko, O.R.Skorokhod, N.V.Shedov. Zhur.ob.khim. 32 no.11:3808-3811 N '62.

FURNACES
Burner design for furnaces with checkerwork [with summary in English]. V.P.Popov Inzh.-fiz.zhur. 5 no.8:29-33 Ag '62.

FURNACES, HEAT-TREATING
Bright decarburized annealing of electrical steel coils in bell furnaces. K.V.Dneprenko, V.G.Borisenko. Stal' 22 no.9 835-838 S '62.
Standardized flame heating and heat-treating furnaces. A.M.Grisiuk, L.G.Satanovskii Metalloved.i term. obr.met. no.11:36-41 N '62.

FURNACES, HEATING
Automatic optimizer for soaking pits. I.N.El'ke. [Sbor.trud.] Nauch.-issl.inst.met. no 4:168-177 '61.
Investigating the flow of gases in holding furnaces. B.L. Markov, A.A.Piskunov, G.A.Volkova. [Sbor.trud.] Nauch.-issl.inst.met. no.4:119-127 '61.
Standardized flame heating and heat-treating furnaces. A.M.Grisiuk, L.G.Satanovskii Metalloved.i term. obr.met. no.11:36-41 N '62.

FURNITURE
Creative trends in the design of modern furniture. K.Blomerius. Arkhit.SSSR no.10,17-23 '62.
Improving the functional aspects of modern furniture I Serediuk Stroi i arkhit. 10 no.10:15-17 O '62

FURNITURE INDUSTRY
Provide comfortable and beautiful furniture for modern interiors. V.Sizov. Arkhit.SSSR no.10 16-17 '62.

FURNITURE INDUSTRY—EQUIPMENT AND SUPPLIES see subdivision under Armenia

FUSARIUM see subdivision under Ukraine

FUSED SALTS
Dissolution of sheet steel iron in the process of electrolytic tin plating in fused salts. A.L.Vitkin, T.P. Plotnikova. Sbor.trud.TSNIICHM no.28 159-165 '62.

FUSED SALTS—ELECTRIC PROPERTIES
Equal value potentials of iron and tin $FeCl_2$ - KCl and $SnCl_2$ - KCl melts. IU.K.Delimarskii, A.A.Kolotii, E.V.Tkacheva. Sbor.trud.TSNIICHM no 28:166-172 '62.

FUSULINIDAE see subdivision under Pechora Valley, Timan Ridge

FUZULI, MEHMET, 1494-1556
Seid Azima Shirwani's imitations of Fuzuli's Farsi gazels [in Azerbaijani with summary in Russian]. A.G.Ragimov. Izv.AN Azerb.SSR.Ser.obshchestv. nauk no.7,113-124 '62.

GABBRO see subdivision under Bashkiria

GADOLINIUM
Electron paramagnetic resonance in $Gd^{3+}$and CaF_2. V.F. Vinokurov and others. Fiz.tver.tela 4 no.8:2238-2242 Ag '62.

GADZHIEV, DZHEVDET AKHMED, 1917-
Shein, S.F. Dzhevdet Akhmed Gadzhiev. Moskva, Sovetskii kompozitor, 1962. 52 p.

GAGARIN, IURII ALEKSEEVICH, 1934-
Honorary guest of Denmark. V.Nizkovskii. Av.i kosm. 45 no.11:74-76 '62.

GAGRA—TREES
Accretion of trees in single-species plantations. T.F. Zasladnikov. Agrobiologiia no.5:795-796 S-O '62.

GALACTURONIC ACID
Colorimetric method of determining galacturonic acid content of pectin. T.K.Ospenkov. Izv vys ucheb. zav.,pishch.tekh. no.4:160-163 '62.

GALAXIES
The K-effect in galaxy M 31 [with summary in English]. I.L.Genkin. Astron.zhur. 39 no.6:1048-1049 N-D '62.
Polarization of the Cygnus A galax. V.I Slysh Priroda 51 no 11 106-107 N '62
Remarks on the nature of galaxy M 82 [with summary in English]. B.E.Markarian. Astron.zhur. 39 no.6:1041-1044 N-D '62.

GALICIA—HISTORY
Kuz'ma, Oleksa. [October days of 1918] Lystopadovi dni 1918 r. [Vyd.2.] New York, Nakladom Vydavnychoi Kooperatyvy "Chervona Kalyna," 1960. 443 p. 13 maps. [Fotodruk z 1-ho l'vivs'koho vydannia ta ostatochno bol'shevykamy znyshchenoho vydannia."]
(CtY)

GALL see Bile

GALL BLADDER—ABNORMITIES AND DEFORMITIES
Intrahepatic localization of the gallbladder. IA M Glasionov Khirurgiia no 12,116-117 '61.

GALL BLADDER—DISEASES
Amount of sulfhydryl compounds in separate fractions of serum proteins in patients with liver cirrhosis, cholecystitis, and nephritis [with summary in English]. Vop med.khim. 8 no.1,53-58 Ja-F '62.
Cardiovascular changes in children in chronic diseases of the liver and gall bladder [with summary in English]. R.A.Kaliuzhnaia. Vop.okh.mat.i det. 7 no.7:45-50 Jl '62.
Clinical manifestations of lambliogenic hepatocholecystitis according to materials from the Hospital Therapeutic Clinic for 1954-1958. A.T. Simonian, V.F.Bunatian, O.A.Nanagiulian. Trudy Erev med.inst no.11 261-265 '60.
Surgical treatment of acute cholecystitis. T.A.Burtikova Khirurgiia no.12,82-87 '61.
Treatment of chronic cholecystitis using arpenal [with summary in English]. M.N.Raivo. Trudy LSGMI no.69:179-183 '61.
Treatment of liver and gall bladder diseases at the Truskavets health resort using mineral water from the Naftusia spring. N.F.Golosai. Vop.kur., fizioter. i lech.fiz.kul't. 27 no.2:146-151 Mr-Ap '62.

GALL BLADDER—INFLAMMATION
D.I.Fin'ko's reaction in the diagnosis of diseases of the liver, inflammation of the gall bladder and the biliary tract. V.B.Semenova. Trudy LSGMI no.69:184-189 '61.

GALL BLADDER—NECROSIS
Acute gangrenous cholecystitis as a complication following resection of the stomach A.A Gerasimenko. Vest.khir. no.5:93-95 '62.

GALLIC ACID
Comparative characteristics of the detoxifying effect of propyl gallate on the venoms of snakes of the Viperidae family. I.B.Urkova and others. Dokl. AN SSSR 146 no.4:975-976 O '62.

GALLIUM
Determination of gamma-quantities of indium and gallium in ores and products of their treatment using the method of isotope dilution. L.N.Kuznetsova, B.L. Serebrianyi. Izv.vys.ucheb.zav.,tsvet.met. 5 no.3 107-112 '62.
Separation of gallium from an anodic alloy with the aid of liquid ion exchangers. B.N.Laskorin, A.I.IUzhin. Ekstr.; teor., prim., app. no.1:112-116 '62.

GALVANOMETER
Possibility of reducing the natural frequency of a galvanometer by reactive resistance. V.D.Pavlov. Trudy Inst.fiz.Zem no.25 44-49 '62.

GAME AND GAME BIRDS
Methods of determining the productivity of hunting grounds. R.Z.Zaripov. Vop.ekol. 4:100-110 '62.
Methods of studying the dynamics of the productivity of hunting grounds in the European part of the Soviet Union during the Soviet period. D.N.Danilov. Vop. ekol. 4:99-101 '62.

GAME THEORY
Problems and basic principles of the theory of games E.S Venteel' Mat v shkole no 4-3-20 Jl-Ag '62

GAMES, INDIC see subdivision under Khorezm Province

GAMMA GLOBULIN
Effectiveness of the serum prophylaxis of epidemic hepatitis. N.A.Kuzlova, M.N.Kulakova. Vop.virus. 7 no.5:614-615 S-O '62.
Gamma globulin in the blood serum in rheumatism. A.I. Pakhomova. Zdrav.Bel. 8 no.7:40-42 Jl '62.
Immunological characteristics of serum proteins. Report No.3: The species specificity of immune gamma globulins of the first and second order [with summary in English]. IU.S.Tatarinov. Biul.eksp.biol.i med. 54 no.7:59-62 Jl '62.
Significance of the antiglobulin reaction in clinical and experimental immunohematology. P.Ivanyi and others. Probl.gemat.i perel.krovi no.11:24-36 '62.

GAMMA GLOBULIN (Continued)

Study of the effectiveness of prophylaxis of Botkin's disease using gamma globulin in childrens' institutions in Gorkiy and Dzerzhinsk M D Aleinik and others. Vop virusa 7 no 5,617-618 S-O '62

Treatment of brucellosis patients with specific gamma globulin Sh Kh Bukeikhanova Trudy Inst kraev pat. AN Kazakh. SSR. 12 205-207 '62

GAMMA-RAY SPECTROMETRY

Coulomb excitation of the second levels of spherical even-even nuclei IU. P Gangrskii, I Kh Lemberg Izv AN SSSR Ser fiz 26 no 8 1001-1014 Ag '62

Determining the burn-out of fuel rods by means of a magnetic gamma-spectrometer L. V Groshev, A. M. Demidov Atom energ 13 no 5 458-466 N '62.

Lifetime of the first level of Ti^{50}. V.D Vasil'ev, K. I. Erokhina, I Kh. Lemberg Izv AN SSSR Ser fiz. 26 no 8 999-1001 Ag '62.

Measurement of $\gamma\gamma$- coincidences in the reaction $Ag^{107}(n,\gamma)Ag^{108}$ [with summary in English] I. V. Estulin, L F Kalinkin, A S. Melioranskii. Zhur eksp i teor fiz 43 no 4 1378-1384 O '62

Quadrupole interaction and isomeric shifts of 23, 8 Kev. gamma-transition of the Sn^{119} nucleus in organotin compounds [with summary in English] A IU Aleksandrov and others Zhur. eksp i teor fiz 43 no. 4 1242-1247 O '62

Spectra of β^+-rays and internal conversion electrons from the reaction $Cd^{113}(n,\gamma)Cd^{114}$. L. V Groshev and others Izv AN SSR Ser fiz 26 no 8 979-982 Ag '62

GAMMA RAYS

Effect of the γ rays on the rate of ripening and on the commercial quality of tomatoes. L. P Koval'skaia, E. V. Dorofeeva, L P Petrash Kons i ov. prom 17 no 11:20-23 N '62

Emel'ianov, V. A. [Gamma rays and neutrons in field investigations for soil improvement purposes; theory and practice of the use of gamma-ray and neutron methods] Gamma-luchi i neitrony v polevykh pochvenno-meliorativnykh issledovaniiakh; teoriia i praktika primeneniia gamma-luchevykh i neitronnykh metodov. Moskva, Gosatomizdat, 1962. 221 p.

Emission and absorption of gamma-quanta by nuclei of solids in the presence of time-dependent external perturbation. I. P. Dzub, A. F. Lubchenko. Fiz. tver. tela 4 no. 8,2081-2089 Ag '62.

Energy dependence of the cross sections for (n,γ)-reactions of a number of odd Z nuclei [with summary in English]. IU. P. Popov, F. L. Shapiro Zhur. eksp. i teor. fiz. 42 no. 4 988-1000 Ap '62.

Energy spectrum of resonance absorption in zinc oxide of 82 Kev. γ-radiation from Zn^{67} [with summary in English]. V P Alfimenkov and others. Zhur. eksp. i teor. fiz 42 no. 4 1029-1035 Ap '62

Measuring the polarization of γ-rays from the reaction $Si^{30}(p,\gamma)P^{31}$ [with summary in English] P M Tutakin Zhur eksp i teor fiz. 43 no. 4 1140-1145 O '62

Radiation circuit, a new source of gamma rays. IU. S Riabukhin, S. G Tul'kes Nauka i zhizn' 29 no 5 61-64 My '62

Some laws governing the propagation of γ-radiation along the interface of two media B. P. Bulatov Atom energ 13 no 5 440-445 N '62

Spent fuel elements as sources of gamma rays in radiochemical apparatus B. I. Vainshtein, A Kh Breger, N P Syrkus. Khim prom. no 9 651-652 S '62

Universal tables for calculating gamma-ray attenuation in thin filters N G Gusev, V P Mashkovich, B. V. Verbitskii Atom energ 13 no 5 480-481 N '62.

GAMMA RAYS—SCATTERING

Scattering of γ-quanta and the polarizability of nuclei and nucleons [with summary in English] L. I. Lapidus, Zhur. eksp i teor. fiz. 43 no. 4 1358-1361 O '62

GAMMARIDAE

Chemical reception in crustaceans. Report No. 2: Selective reactions of Gammarus oceanicus Segerstråle and G. Lacustris Sars. to water of different salinity. A. N. Zuhov. Trudy MMBI no. 4:274-279 '62.

GANGLERON

Hexonium and gangleron therapy of peptic ulcer and chronic gastritis. V. V. Trusov. Sov. med. 26 no. 10 46-50 O '62.

GARLIC see subdivision under Ukraine

GARMENT CUTTING

Krasnianskaia, T. M. [Methodology of the analysis of fabric utilization in clothing manufacture] Metodika analiza ispol'zovaniia tkani v shveinom proizvodstve, Leningrad, 1962. 33 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Seriia: Shveinaia promyshlennost')

GARNET

(see also subdivision under Siberian Platform)

Composition of ferruginous garnets from the littoral concentrates of heavy minerals. A. Lunts. Izv. AN Latv. SSR no. 7:65-72 '62.

GAS—TRANSPORTATION

Economics of the transportation of gas produced by underground coal gasification. R. E. Leshchiner. Nauch. trudy VNIIPodzemgaza no. 6 125-130 '62.

GAS, NATURAL

(see also subdivision under Azerbaijan, Ukraine; Uzbekistan)

Efficiency of using natural gas in ferrous metallurgy. V. P. Adrianova, E. G. Khripko. Izv. vys. uchab. zav.; chern. met. 5 no. 10:196-202 '62.

Study of molecular transformations in a natural gas caused by electrodeless high-frequency discharges. S. V. Starodubtsev, Sh. A Ablaev, L. G. Ketdin, Izv. AN Uz. SSR. Ser fiz.-mat. nauk 6 no. 5:50-57 '62.

GAS, NATURAL—GEOLOGY

(see also subdivision under Caspian Depression, Caucasus, Krasnodar Territory; Kuban Lowland; North Stavropol-Pelagiadi region; Uzbekistan)

Accuracy of contouring lenses and thinning layers in prospecting for oil and gas fields V. M Gudkov Trudy VNII no. 36,74-79 '62

Basic formulas from the theory of measurements and mathematical statistics Trudy VNII no. 36 237-249 '62.

Basic surveying problems in oil and gas production. E. F. Frolov. Trudy VNII no. 36:3-12 '62

Trends in theoretical studies in the field of oil and gas geology. M. F. Dvali. Sov. geol 5 no 6:3-16 Je '62.

Zoning and classification of oil and gas fields. I. O. Brod. Sov. geol 5 no 6:155 164 Je '62.

GAS, NATURAL—PIPELINES

Assembly of an overhead crossing as a self-supporting pipe. L. V. IAtsenko. Stroi. truboprov. 7 no 10 17-18 O '62.

Earthwork in mountainous conditions. A. V. Shchetbak. Stroi. truboprov. 7 no. 10:19-20 O '62.

The fourth quarter is the decisive one. Stroi. truboprov. 7 no. 10:1-2 O '62.

Kurlukin, S. A. [Systems of gas supply to consumers] Sistemy gazosnabzheniia predpriiatii. Leningrad, Gostoptekhizdat, 1962. 293 p.

Method and equipment for pressure measurements during pneumatic testing of main gas pipelines. N. G. Kaluzhnyi. Stroi truboprov 7 no 9.7-9 S '62

Some conclusions about the design of crossings over mountain rivers. N. A. Skaftymov. Stroi. truboprov. 7 no. 10:14-15 O '62.

Suspended crossing with latticed cable-suspended girders on the Bukhara-Ural Mountain Region gas pipeline. E. IA. Slonim. Stroi. truboprov. 7 no. 10:5-7 O '62.

They crossed ten rivers and lakes. O. Martynenko. Ukraina no. 22:20-21 N '62.

Turn out only completely finished installations. A. G. Tarasian. Stroi. truboprov. 7 no. 10,9-10 O '62.

GAS AND OIL ENGINES

Arnol'd, L. V., and M. N. Iosifov. [Thermodynamics, heat transfer, and power equipment of hoisting and conveying machinery] Termodinamika, teploperedacha i teplosilovoe oborudovanie pod"emno-transportnykh mashin. Pod red. L. V. Arnol'da. Leningrad, Izd-vo "Rechnoi transport," 1962. 440 p.

New method for calculating thermal stresses of internal combustion engines. A. A. Chirkov. Vest. mashinostr. 42 no. 11:16-22 N '62.

Vibe, I. I. [New developments concerning the cycle of operations of engines, speed of combustion and the cycle of operations of engines] Novoe o rabochem tsikle dvigatelei; skorost' sgoraniia i rabochii tsikl dvigatelia. Moskva, Mashgiz, 1962. 270 p.

GAS AND OIL ENGINES—DESIGN

Orlin, A. S., and others. [Internal combustion engines] Dvigateli vnutrennego sgoraniia. Pod red. A. S. Orlina. Moskva, Mashgiz.

Vol. 2: [Design and calculations] Konstruktsiia i raschet. Izd. 2., perer. i dop. 1962. 379 p.

GAS AND OIL ENGINES—TESTING

Maslov, N. N., and N. M. Shul'ga. [Automatic devices for program control of the running-in and testing of engines] Avtomaticheskie programmnye ustroistva dlia upravleniia protsessom prirabotki i ispytaniia dvigatelei. Leningrad, 1962. 21 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia: Mekhanicheskaia obrabotka, no. 6)

GAS AS FUEL

Druskin, L. I. [Gas burning in industrial furnaces and boiler units] Szhiganie gaza v promyshlennykh pechakh i kotlakh. Moskva, Gostoptekhizdat, 1962. 263 p.

Osobov, Z., G. Morenko, and V. Shafir. [Gas as fuel for engines] Gaz - motornoe toplivo. [Stavropol'] Stavropol'skoe knizhnoe izd-vo, 1962. 40 p.

Saving fuel in clinker burning. V. IA. Metodovskii. TSement 28 no. 5:15-16 S-O '62.

Staritskii, V. I., and S. G. Tarakan. [Use of gas fuel and gas fuel equipment in iron and steel plants] Ekspluatatsiia gazovogo khoziaistva metallurgicheskikh zavodov. Moskva, Metallurgizdat, 1962. 112 p.

GAS CHROMATOGRAPHY

Gas chromatography used for investigating sulphur compounds in molecular sieve type N I Lulova and others Neftekhim. tekh. topl i masel 7 no. 5 10-73 My '62

Investigation of certain types of katharometers for gas chromatography. D. A. Vinkhirov, P. F. Komissarov. Zav. lab. 28 no. 8:1007-1010 '62.

GAS CHROMATOGRAPHY—BIBLIOGRAPHY see Gas chromatography—Gas chromatography

GAS DISTRIBUTION

Equipment for taking up pavement. S. Shurbatov, A. Shul'nov, T. Panasiuk. Stroi. truboprov. 7 no 8 22-23 O '62.

Specialization increases the rate of construction. I. M. Gambarin Stroi. truboprov 7 no 9 24 S '62

GAS DYNAMICS

Dynamic equilibrium of a fog cloud over a liquid surface. I. M. Lifshits, V. V. Slezov. Dokl. AN SSSR 146 no. 4 799-802 O '62.

Hydrodynamics of gas flow in a layer of coal fines. P. V. Krainin. Nauch. trudy VNIIPodzemgaza no. 7 7-19 '62.

Remote control of a gas dynamic test stand. Energ. mashinostroenie 8 no. 10:48 O '62.

Small parameter method ("vanishing viscosity") for the solution of a system of gas dynamics equations. V. N. Bykhovskii. Zhur. vych. mat. i mat. fiz. 2 no. 6:1128-1131 N-D '62.

GAS FLOW

Conditions of gas flow in the gasification channel. V. E. Semenenko. Nauch. trudy VNIIPodzemgaza no. 6 12-27 '62.

Effect of conditions of gas flow on dust collection in an electric field. N. V. Inkushkin, IA. D. Averkakh. Prikl. mat. 26 no. 4:751-753 O '62.

Inadmissible viscosity matrices for equations of the isentropic gas motion. E. B. Bykhovskii. Dokl. AN SSSR 146 no. 4:751-753 O '62.

Investigating the flow of gases in holding furnaces. B. I. Markov, A. A. Pinkunov, G. A. Volkova. [Abstract] Nauch.-issl. inst. met. no. 1:110-122 '61.

Studying the conditions of gas flow in the coal seam. D. K. Semenenko. Nauch. trudy VNIIPodzemgaza no. 6 28-42 '62.

Thermal equilibrium in a high-temperature gas jet [with summary in English]. E. V. Garkavyi. Inzh.-fiz. zh. 5 no. 8:84-86 Ag '62.

GAS HEATING—EQUIPMENT AND SUPPLIES

Gas mixer of a fan type. IU. Tikhonov. Okhr. truda i sots. strakh. 5 no. 10:41 O '62.

GAS INDUSTRY

(see also subdivision under Uzbekistan)

The gas industry of the U.S.S.R. G. A. Vyeslevskii. Mat. i nauch. issl. otd. Inst. po izuch. SSSR no. 17:13-14 S '62.

GAS PIPES

Dondo, R. G., and E. N. Riabkov. [Handbook on drilling and indicating and recording instruments for gas pipelines of industrial enterprises] Spravochnik po gazovoi armature i kontrol'no-izmeritel'nym priboram dlia gazovykh predpriiatii. Leningrad, Gostoptekhizdat, 1962. 363 p.

It is high time to eliminate these defects. T. Kh. Stroi. truboprov. 7 no. 10:22 O '62.

Kurlukin, S. A. [Systems of gas supply to consumers] Sistemy gazosnabzheniia predpriiatii. Leningrad, Gostoptekhizdat, 1962. 293 p.

GAS RESEARCH

(see also subdivision under Armenia)

Some problems of the economics of the chemical processing of gas produced by underground coal gasification. M. M. Al'tshuler, R. E. Leshchiner. Nauch. trudy VNIIPodzemgaza no. 7,83-98 '62.

GAS TURBINES

Experimental study of the effect of the number of blades of the wheel on the parameters of the working process of a centripetal gas turbine. A. V IAsik. Izv. vys. ucheb. zav., energ 5 no. 10,72-79 O '62.

A new gas turbine with 600 hp. rating manufactured by the "Badvort" Factory. L. S. Sukhareva. Energ. mashinostroenie 8 no. 10:46 O '62.

Results of tests and final study using a model of the combustion chamber of the GT-25-700-1 gas turbine system with preliminary fuel atomization. Energ. mashinostroenie 8 no. 10:10-13 O '62.

Stationary gas-turbine industry in the R.S.F.S.R. E. V. Shkol'nik, G. B. Pinskii, A. F. Novikov. Nauch.-tekh. ekon. inform. Gos. nauch.-issl. inst. nauch. i tekh. inform. no. 11:65-69 '62.

UZDL-61 small size ultrasonic flaw detector for gas-turbine vanes. B. I. Vybornov, K. A. Ogurtsov. Zav. lab. 28 no. 8:997-998 '62.

GAS TURBINES—DICTIONARIES

Nartov, I. M., comp. [English-Russian dictionary on gas turbine systems, with a supplementary alphabetical index of Russian terms] Anglo-russkii slovar' po gazoturbinnym ustanovkam, s prilozheniem alfavitnogo ukazatelia russkikh terminov. Leningrad, Sudpromgiz, 1962. 214 p.

GAS WELDING AND CUTTING

Annual report of Commission 1 to the 14th Congress of the International Institute of Welding on "Gas welding and related processes." Translated by L. A. Borisova. Svar. proizv no 8, 40-41 Ag '62.

Role of the preheating flame in the oxygen cutting process. S. V. Gordeev, A. L. Daiker. [Sbor. trud.] Nauch.-issl. inst. met. no. 4, 128-134 '61.

GAS WELDING AND CUTTING—EQUIPMENT AND SUPPLIES

Automatic line for gas cutting of sheet steel. S. I. Loznov. Biul. tekh.-ekon. inform. Gos. nauch.-issl. inst. nauch. i tekh. inform. no. 11 45-47 '62.

GASES

Electron capture and loss by fast hydrogen atoms passing through molecular gases [with summary in English]. D. V. Pilipenko, IA. M. Fogel'. Zhur. eksp. i teor. fiz. 42 no. 4:936-943 Ap '62.

Gas-forming properties of molding materials. P. S. IAshin. Lit. proizv no. 8:29-31 Ag '62.

Recovery of benzene from absorption gases by means of by-products of phenol manufacture via cumene. V. M. Kisarov, O. A. Kalmakov, S. I. Riabinin. Khim. prom. no. 9 691-692 S '62

Solubility of gases in mixtures of nonelectrolytes. I. L. Loltes, F. P. Ivanovskii. Khim. prom. no. 9:653-657 S '62

Studying the Gay-Lussac law. B. F. Ershpokhov. Fiz. v shkole 22 no. 2 76-77 Mr-Ap '62.

GASES—ABSORPTION

Study of nuclear magnetic relaxation of absorbed gases by the spin echo method [with summary in English] A. A. Halkin, I. V. Matiash. Ukr. fiz. zhur. 7 no. 1 54-56 Ja '62.

GASES—ADSORPTION

Peculiarities of the partial adsorption of residual gas components at very high vacuum. Part 2. IU. N. Piushyna'kyi, B. O. Chuikov. Ukr. fiz. zhur 7 no. 1: 79-81 Ja '62

GASES—ANALYSIS

Automatic gas sampler. A. A. Chekanov. Nauch. trudy VNIIPodzemgaza no. 6:62-65 '62.

Controlling the gaseous phase composition in an electric furnace by means of an air curtain. N. M. Chuiko, A. T. Perevlazko, E. I. Moshkevich Met. i gornorud. prom. no. 2 15-18 Mr-Ap '62.

Gas composition in the hearth of a blast furnace operating on natural gas and an ordinary blow. Z. I. Nekrasov, F. N. Moskalina. Stal' 22 no. 9 773-776 S '62

GASES—PURIFICATION

Purification of converter gases in copper smelting plants. V. P. Savraev, V. N. Kazakov, M. F. Bogatyrev. TSvet. met. 35 no. 11 57-62 N '62.

GASES—THERMAL PROPERTIES

New equations describing the temperature dependence of the thermal capacity of gases having important technical applications. V. IU. Glitis. Energomashinostroenie 8 no. 10:25 O '62.

GASES IN METALS

Analysis of gases in rhenium. E. M. Savitskii, G. E. Chuprikov, G. G. Glavin. Zav. lab. 28 no. 8, 957-959 '62.

GASES IN SOILS

Comparative evaluation of methods for determining the intensity of soil respiration [with summary in English] V. N. Mina. Pochvovedenie no. 10 96-100 O '62.

GASES IN THE BLOOD see Blood, Gases in

GASIFICATION OF COAL, UNDERGROUND see Coal gasification, Underground

GASOLINE

Chemical stability of various brands of automobile gasolines. A. A. Gureev. Khim. i tekh. topl. i masel 7 no. 5:65-70 My '62.

GASTROENTEROLOGY

Results of the work on Ploskirev's bactoagar with the addition of syntomycin in studying gastrointestinal infections. A. IA. Veselov. Zdrav. Kazakh. 22 no. 6:65 '62.

Some gastrointestinal changes in neuroses [with summary in French]. B. Pruscauer-Apostol. Zhur. nevr. i psikh. 62 no. 6:928-934 '62.

GASTROESOPHAGEAL REFLUX

Gastroesophageal reflux and its clinical significance. N. N. Kanshin. Khirurgiia no. 1:137-142 '62.

GASTROINTESTINAL HEMORRHAGE

Gastrointestinal hemorrhage in a child. V. IU. Mironchik Zdrav Bel 8 no. 2:59-60 F '62.

Hemorrhage from ulcer of the stomach with subsequent perforation. IU. P. Feigenzon Khirurgiia no 12:115-116 '61

Kovalnikov's disease. D. M. TSerenisian. Sov. med. 26 no 10:139-140 O '62

Primary sarcoma of the stomach complicated by profuse gastroduodenal hemorrhage N. I. Trel'iakov. Khirurgiia no 12 113- '61.

GASTROINTESTINAL MOTILITY

Characteristics of food evacuation following a stomach resection using a small intestine transplant R. V. Mateshchuk Klin khir no. 8:32-37 Jl '62

GASTROSCOPY

Gastroscopic and roentgenologic parallels in gastric examination. S. A. Isser, Z. G. Lur'e. Zdrav. Bel. 7 no. 11 15-17 N '61.

GAY REGION (ORENBURG PROVINCE)—NONFERROUS METALS

Dressing of Gay deposit ores. G. V. Kozlov TSvet. met 35 no. 11:30-35 N '62.

GAZIMUR VALLEY—MAGNESIUM

Talc and magnesium ores in the interfluve of the Shilka and Gazimur Rivers. Razved. i okhr. nedr 28 no. 10 10-12 O '62.

GAZIMUR VALLEY—TALC

Talc and magnesium ores in the interfluve of the Shilka and Gazimur Rivers. Razved. i okhr. nedr 28 no. 10 10-12 O '62.

GEAR CUTTING

Machining spiral spur gears with closed rims. P. I. Perevertailo. Stan. i instr. 33 no. 11:28-31 N '62.

Turetskii, I. IU., L. N. Liubimkov, and B. V. Chernov. [Manufacture of heavily-loaded high-speed gears] Izgotovlenie tiazhelonagruzhennykh skorostnykh zubchatykh peredach. 2., perer. izd. Pod obshchei red. N. I. Kolchina. Moskva, Mashgiz, 1962. 134 p. (Bibliotechka zubovreza, no. 9)

Undercutting bevel gears with circular teeth. F. L. Litvin, Go Kai. Stan. i instr. 33 no. 11:31-34 N '62.

GEARING

Effect of some factors on bending stresses in gear teeth. V. L. Ustinenko. Vest. mashinostr. 42 no. 11 33-35 N '62.

Gavrilenko, V. A. [Gear transmissions in the manufacture of machinery; theory of involute gears] Zubchatye peredachi v mashinostroenii; teoriia evol'ventnykh zubchatykh peredach. Moskva, Mashgiz, 1962. 530 p.

Investigating closed planetary friction speed variators. M. I. Koval'skii. Vest. mashinostr. 42 no. 11:22-27 N '62.

Rudnitskii, V. I., and A. B. Tigal. [Toothed and worm gears; stress analysis] Zubchatye i cherviachnye peredachi, raschet na prochnost'. Kiev, Gostekhizdat USSR, 1962. 161 p.

Selecting systems of toothed reducing gears made of three differential three-bar linkages. M. A. Kreines, M. S. Rozovskii. Vest. mashinostr. 42 no. 11:28-33 N '62.

Study of multirope hoist with a differential reducing gear. A. P. Nesterov. Izv. vys. ucheb. zav., gor. zhur. 5 no. 9:130-137 '62.

GEARING—ELECTROMECHANICAL ANALOGIES

Study on an electronic model of the impact loads in the reducing gear of the turning gear of an excavator N. G. Dombrovskii, D. A. Kaminskaia. Izv. vys. ucheb. zav., gor. zhur. 5 no. 10, 82-87 '62.

GEARING—STANDARDS

Pressing problems of measurement techniques in gear-type traction transmission systems. IU. V. Ivanov. Elek. i tepl. tiaga 6 no. 10:4-5 O '62.

GEARING—TESTING

Pressing problems of measurement techniques in gear-type traction transmission systems. IU. V. Ivanov. Elek. i tepl. tiaga 6 no. 10:4-5 O '62.

GEARING, SPUR

Gorsaior, V. N. [Increasing allowable loading of spiral spur reducing gears] Povyshenie dopustimykh nagruzok tsilindricheskikh kosozubykh reduktorov. Leningrad, 1962. 26 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia: Mekhanicheskaia obrabotka, no. 9)

GEESE—PARASITES see Parasites—Geese

GEGAMSKIY RANGE—SOILS—COMPOSITION

Group composition of humus and total chemical composition of meadow-steppe and mountain-meadow soils of the Gegamskiy Khrebet [in Armenian with summary in Russian]. I. M. Ovseplan. Izv. upr. sel'khoz. nauki Arm. SSR 4 no. 10:67-75 '61.

GEKKO see subdivision under Tajikistan

GELATIN

Characteristics of the thermal expansion of protein gels and sols [with summary in English] R. E. Neiman Vysokom. soed 4 no. 9 1404-1410 S '62

GELATIN—THERMAL PROPERTIES

Thermal properties of gelatin solutions [with summary in English] T. V. Burdzhanadze, P. L. Privalov, N. N. Tavkhelidze Vysokom. soed 4 no. 9 1419-1424 S '62

GELATION

Effect of the degree of hydration of starch on the structure of gels. V. F. Oreshko, K. A. Korotchenko Izv. vys. ucheb. zav., pishch. tekh. no. 4, 25-28 '62.

GENERATIVE ORGANS—TUMORS

Effect of human condyloma acuminatum extract on tissue cultures of vaginal epithelium N. M. Chistova. Vop. onk. 8 no. 6:118-128 '62.

GENERATIVE ORGANS, FEMALE—DISEASES

Characteristics of obstetrical and gynecological pathology in patients with latent brucellosis A. S. Sokolova. Trudy Inst. kraev. pat. AN Kazakh SSR 12 214-219 '62

Pathways of trichomonas infection of the urogenital organs in women. E. V. Nasibova Akush. i gin. no. 1: 74-78 '62.

GENERATIVE ORGANS, MALE—DISEASES

Some results of studying trichomoniasis in males in Czechoslovakia [with summary in English]. J. Jira. Akush. i gin. no. 1:76-74 '62.

GENERATIVE ORGANS, MALE—TUBERCULOSIS

Tuberculosis of the male genitalia in patients with osteoarticular tuberculosis [with summary in English] N. I. Chuchelov Vest. khir. 87 no. 11 87-91 N '61.

GENERATORS, THERMOELECTRIC see Thermoelectric generators

GENETICS

For materialistic biology! N. I. Feiginson. Vest. sel'khoz. nauki 7 no. 9 3-14 S '62

GENITOURINARY ORGANS—DISEASES

Trichomonas infections of the male urogenital system according to materials from the Ashkhabad Dermatovenerological Dispensary I. D. Leivi Zdrav. Turk. 6 no. 2-29-30 Mr-Ap '62.

GENITOURINARY ORGANS—TUBERCULOSIS

Neurohumoral shifts in tuberculosis of the urogenital system. B. A. Shmukler, B. S. Kuklov Urologiia 27 no. 4:17-20 Jl-Ag '62.

New sanatorium for patients with tuberculosis of the organs of the urogenital system. L. P. Kratzel'burd. Urologiia 27 no. 4:27-28 Jl-Ag '62

GENRE (ART)

TSyrlin, I. I. [Genres of the fine arts] Zhanry izobrazitel'nogo iskusstva. Moskva, Sovetskii khudozhnik, 1962. 69 p. (Besedy ob iskusstve, no. 9)

GEOCHEMICAL PROSPECTING see subdivision under Kura Lowland

GEOCHEMISTRY

Distribution of titanium, niobium, and tantalum in granitoids containing sphenes [with summary in English]. E. B. Znamenskii and others. Geokhimiia no. 9:800-805 '62.

Once more about the bonds among chemical elements in rocks. V. V. Mogarovskii. Geokhimiia no. 9 840-843 '62.

Summaries of the principal articles in "Geochimica et Cosmochimica Acta" no. 1, 1962. Geokhimiia no. 9 844-848 '62.

GEODESY

Buhai, P. T. [Theory of errors and the method of least squares] Teoriia pomylok i sposib naimenshykh kvadrativ. [L'viv] Vyd-vo L'vivs'koho univ.
Pt. 1. 1960. 366 p.

Kigel', G. D. [Geodetic alignment in assembly work] Geodezicheskaia vyverka na montazhnykh rabotakh. Moskva, Profizdat, 1962. 70 p. (Biblioteka molodogo rabochego)

GEODESY—BIBLIOGRAPHY see Bibliography—Geodesy

GEO-ELECTRIC PROSPECTING see Electric prospecting

GEOGRAPHERS

Gokhtman, G. N. [Prominent geographers and explorers] Vydaiushchiesia geografy i puteshestvenniki. Tbilisi, Izd-vo Akad. nauk Gruzinskoi SSR, 1962. 306 p.

GEOGRAPHICAL DISTRIBUTION OF ANIMALS AND PLANTS

Change of the habitat of terrestrial organisms as an ecologic principle. G. IA. Bei-Bienko. Vop. ekol. 4:9-12 '62.

GEOGRAPHICAL NAMES see Names, Geographical

GEOGRAPHY see subdivision under Moldavia

GEOGRAPHY—ABSTRACTS
[Geography] Ref. zhur. Geog. no. 11 N '62.

GEOGRAPHY—AUDIO-VISUAL AIDS
Graphic method of teaching geography O L Mats'ko. Rad shk 41 no 10 60-63 O '62

GEOGRAPHY—STUDY AND TEACHING
Russia (1917- R.S.F.S.R.) Ministerstvo prosveshcheniia. [Programs for eight-year schools;geography] Programmy vos'miletnei shkoly; geografiia. Moskva, Uchpedgiz, 1962. 46 p.

Russia (1917- R.S.F.S.R.) Ministerstvo prosveshcheniia [Programs for grades 5-8 of evening (staggered) secondary general schools; geography] Programmy V-VIII klassov vechernei (smennoi) srednei obshcheobrazovatel'noi shkoly, geografiia. Moskva, Uchpedgiz, 1961. 39 p

GEOGRAPHY, ECONOMIC see also subdivision 'Economic geography' under Issyk-Kul' region, Kazakhstan, Krasnoyarsk Territory, Kur-Urmiyskiy District, Soviet Far East

GEOGRAPHY, ECONOMIC—STUDY AND TEACHING
Pankov, K A. [Economic geography, program, methodological instructions and control exercises for the correspondence school students attending secondary specialized economics schools] Ekonomicheskaia geografiia, programma, metodicheskie ukazaniia i kontrol'nye zadaniia dlia uchashchikhsia zaochnykh srednikh spetsial'nykh uchebnykh zavedenii ekonomicheskikh spetsial'nostei. Moskva, Gos. izd-vo "Sovetskaia nauka," 1959. 64 p

GEOLOGICAL RESEARCH
(see also subdivision under Uzbekistan)
Cooperation of scientists and field workers in geology. Vest. AN SSSR 32 no. 11:124-127 N '62.

GEOLOGICAL TIME
(see also subdivision under Caucasus)
Akademiia nauk SSSR. Komissia po opredeleniiu absoliutnogo vozrasta geologicheskikh formatsii [Transactions of the Tenth Session of the Commission on the Determination of the Absolute Age of Geological Formations, June 5-10, 1961] Trudy Desiatoi sessii . . . 5-10 iiunia 1961 g. Moskva, Izd-vo Akad. nauk SSSR, 1962. 379 p.

Causes of underestimating the age of micas when dating them by the Rb-Sr method [with summary in English], E K. Gerling, G V Ovchinnikova. Geokhimiia no. 9 755-762 '62

Comparing data on the lead and argon methods of absolute age determination S L Mirkina, A D Iskandarova, K. P Efimov. Sov geol 5 no 9:122-126 S '62.

Data on the tenth session of the Commission on the Determination of the Absolute Age of Geological Formations attached to the Department of Geological and Geographical Sciences of the Academy of Sciences of the U.S.S.R. T.B. Pekarskaia. Biul. Kom. po opr. abs. vozr. geol. form no. 5, 94-96 '62.

Determination of protactinium and actinium in uranite. I. E Starik, F. E Starik, A. N. Elizarova. Biul. Kom. po opr abs. vozr. geol form. no 5 72-75 '62

Determination of the absolute age of some lepidolites by the rubidium-strontium method. A D. Esikov, G. S. Esikova, G N IAkovlev. Biul. Kom. po opr. abs. vozr. geol form. no. 5 89-93 '62.

Determination of the isotope composition of strontium in the MI-1305 mass spectrometer. A. D. Esikov, G. S. Beschastnova, G. N. IAkovlev. Biul. Kom po opr. abs vozr. geol. form. no. 5 82-88 '62

Flame photometric determination of rubidium and strontium A. D Esikov, G. S. Beschastnova, G. N. IAkovlev. Biul. Kom. po opr. abs vozr. geol. form. no. 5:76-81 '62.

Geochronology of the Pre-Cambrian. A. P. Vinogradov, A I. Tugarinov. Biul. Kom. po opr. abs vozr geol. form, no 5 8-11 '62.

Isotope spectrum analysis. A. N. Zaidel', A. G. Zhiglinskii, G. G Kund. Biul. Kom. po opr. abs. vozr. geol. form. no. 5 60-62 '62.

Possibilities of the age determination of rocks based on the uranium, thorium, and lead isotope contents. E. V. Sobotovich, S. M. Grashchenko. Biul. Kom. po opr. abs. vozr. geol. form. no. 5 63-71 '62.

Prospects for the development of geochronologic studies in the U. S. S R. D. I. Shcherbakov. Biul Kom. po opr. abs. vozr. geol. form. no. 5 4-6 '62.

Sound foundation for geochronometry. Kh. I. Amirkhanov and others. Biul. Kom. po opr. abs. vozr. geol. form. no 5.53-59 '62.

GEOLOGICAL TIME—BIBLIOGRAPHY see Bibliography—Geological time

GEOLOGY
(see also subdivision under Akera Valley; Caspian Sea region; Caucasus, Caucasus, Northern; Kerch Peninsula; Krasnodar Territory, Kugart Valley; Kuznetsk Basin; Lava Valley; Nakhichevan A.S.S.R.; Siberian Platform, Tamen' Peninsula; Verkhoyansk Range; Zhaman-Sary-Su Valley)
Awarding diplomas to students of the Department of Geology of Moscow University. E. IA Gur'eva Vest. Mosk. un Ser. 4 Geol 17 no. 5,76-77 S-O '62.

Bogdanov, A. A. [Geology of the U S. S. R.] Geologicheskoe stroenie territorii SSSR. Moskva, Izd-vo "Znanie" 1962. 39 p. (Novoe v Zhizni, nauke, tekhnike. XII Seriia: Geologiia i geografiia, no. 20)

Interpretation of the geology of an area by the land sculpture. A. F. Belousov. Izv. vys. ucheb. zav., geol. i razv. 5 no. 8;51-64 Ag '62.

Thirteenth Conference of students of the Department of Geology of Moscow University. N P. Ermakov. Vest Mosk un Ser 4 Geol 17 no 5 76 S-O '62

GEOLOGY—ABSTRACTS
[Geology] Ref. zhur. Geol. Predmetnyi ukazatel' za 1961 g.

GEOLOGY—CHARTS, DIAGRAMS, ETC.
Concerning the article by G. V. Charushin, and S I. Sherman "Two ways of speeding up the construction process of fabric diagrams." A N Baryshev, A S. Morochkin Sov. geol. 5 no. 9;151-152 S '62.

GEOLOGY—CONGRESSES
Problems of geomorphology and Quaternary geology at the 19th Geographical Congress, Stockholm, August 1960. G S. Ganeshin. Sov geol. 5 no. 9,155-162 S '62

Twenty second session of the International Geological Congress Sov geol 5 no. 6;165-166 Je '62.

GEOLOGY—DICTIONARIES
Shlippe, S. A., and E. F Sinitsyna, comps. [German-Russian geological and mineralogical dictionary] Nemetsko-russkii geologo-mineralogicheskii slovar'. Pod red. V. I Sobolevskogo. Moskva, Fizmatgiz, 1962. 472 p

GEOLOGY—STUDY AND TEACHING
Substantial training of highly qualified research scientists is our urgent problem Sov. geol. 5 no. 9,3-7 S '62.

GEOLOGY, ECONOMIC see subdivision under Dzungarian Ala-Tau; Siberia, Eastern; Soviet Far East

GEOLOGY, STRATIGRAPHIC
(see also subdivision under Aldan Plateau; Altai Mountains; Amur Valley; Baidar Valley; Belaya Valley, Krasnodar Territory; Caucasus, Chu Valley; Dzungarian Ala-Tau; Fergana; Guria; Kalba Range; Kama Valley, Koren, North; Krasnodar Territory; Lena Valley; Lower Tunguska Valley, Maritime Territory; Mayya Valley; Pay-Khoy region, Polyudov Ridge; Russian Platform; Sakhalin; Sayan Mountains; Siberian Platform, Tatar A.S.S.R.; Tien Shan; Timan Ridge; Turkmenistan; Ural Mountain region, Ural Mountains; Volga-Ural region; Vychegda Valley)

Correlation of Upper Paleogene horizons in the Soviet Carpathians, Northern Caucasus, Ukraine, and northern Aral Sea region G. P. Leonov Vest Mosk. un Ser. 4 Geol 17 no 5 3-6 S-O '62.

GEOLOGY, STRUCTURAL
(see also subdivision under Caucasus; Caucasus, Northern; China; Gissar Range, Japan; Lower Tunguska Valley; Pripet Valley; Siberia, Western; Siberian Platform; Soviet Far East; Stanovoy Range; Verkhoyansk Range)

Thickness of the earth's crust in the Altai and its relation to the tectonics of the region. S. I. Mazarovich, F. S. Moiseenko. Trudy Inst. fiz. Zem. no. 25;339-359 '62.

GEOMETRICAL OPTICS see Optics, Geometrical

GEOMETRY—STUDY AND TEACHING
Geometric transformations in the elementary geometry course in secondary schools. A. I. Fetisov. Mat. v shkole no. 4 32-43 Jl-Ag '62.

Right-angled parallelepipeds in which the number of cubical units is equal to the number of square surface units. L. P. Kompaniits. Mat. v shkole no. 4:66-70 Jl-Ag '62.

GEOMETRY, ANALYTIC
Efimov, N. V. [Brief course in analytic geometry] Kratkii kurs analiticheskoi geometrii. Izd. 6., perer. i sokrashchennoe. Moskva, Fizmatgiz, 1962. 227 p.

GEOMETRY, DESCRIPTIVE
Timroi, E. S. [Descriptive geometry] Nachertatel'naia geometriia. Moskva, Gosstroiizdat, 1962. 278 p.

GEOMETRY, DIFFERENTIAL
"Lectures on tensor calculus and differential geometry" by J. C. H. Gerretsen [in English]. Reviewed by B. A. Rozenfel'd. Zhur. vych. mat. i mat. fiz. 2 no. 6;1146-1147 N-D '62.

GEOMETRY, MODERN
Geronimus, IA. L. [Geometrical apparatus of the theory of synthesis of plane mechanisms] Geometricheskii apparat teorii sinteza ploskikh mekhanizmov. Moskva, Fizmatgiz, 1962. 399 p.

IAglom, I. M., and V. G. Ashkinuze. [Ideas and methods in affine and projective geometry] Idei i metody affinnoi i proektnoi geometrii. Moskva, Uchpedgiz.
Part 1: [Affine geometry] Affinnaia geometriia. 1962. 246 p.

GEOMORPHOLOGY
Katterfel'd, G. N. [Face of the earth and its origin] Lik Zemli i ego proiskhozhdenie. Moskva, Geografgiz, 1962. 150 p.

GEOMORPHOLOGY—CONGRESSES
Problems of geomorphology and Quaternary geology at the 19th Geographical Congress, Stockholm, August 1960 G S Ganeshin Sov. geol 5 no 9;155-162 S '62.

GEOPHYSICAL OBSERVATORIES see subdivision Seismic Observatories under Yakutia

GEOPHYSICAL RESEARCH
(see also subdivision under Russia, Northern)
Carleman function and its use in solving some geophysical problems. G. M. Vainikko. Izv. AN U.S.S.R. Ser. fiz. zem. geofiz. no. 11:1578-1589 N '62.

GEOPHYSICS
Use of tritium in hydrogeological studies. A. A. Atakhanov and others. Izv. AN Uz.SSR. Ser. fiz.-mat. n. 6 no. 5;45-49 '62.

GEOPHYSICS—ABSTRACTS
[Geophysics] Ref. zhur. Geofiz. Avtorskii ukazatel' za 1961 g.

GEOPHYSICS—BIBLIOGRAPHY see Bibliography—Geophysics

GEORGIA—BOTANY—PICTORIAL WORKS
Ketskhoveli, N. N. [Vegetation - the treasury of the nation, a picture album] Rastitel'nyi pokrov - sokrovishchnitsa naroda; fotal'bom. Tbilisi, Izd-vo Akad. nauk Gruzinskoi SSR, 1961 479 p. [Parallel texts in Georgian and Russian]

GEORGIA—COAL MINERS
A distinguished miner. IA Gerasimtia, I Lifshits Sov. shakht 11 no. 11 12 N '62

GEORGIA—CONSTRUCTION INDUSTRY
In the State Committee on Construction of the Georgian S. S R. Biul. stroit tekh 19 no. 11 40-42 N '62

GEORGIA—DECORATION AND ORNAMENT, ARCHITECTURAL
Shmorling, R. O. [Architectural decoration and ornament in medieval Georgia] Mulye formy v arkhitekture srednevekovoi Gruzii. Tbilisi, Izd-vo Akad. nauk Gruzinskoi SSR, 1962. 113 p.

GEORGIA—FROST PROTECTION
Gas heating system as a method for the protection of citrus plants against frost [with summary in English] S V. Mgaloblishvili Subtrop. kul't no 3 81-93 '61

GEORGIA—FRUIT CULTURE
Fruit trees have crossed the mountains. Mykhail'o Holushko Ukraina no. 23 26 D '62.

GEORGIA—FUNGI, PHYTOPATHOGENIC
Fungus diseases of bay laurel [with summary in English] V G Mkervali. Subtrop kul't no 2 115 120 '62

GEORGIA—GREEN MANURING
Peas as a promising forage and green manure crop for the zone of moist subtropics [with summary in English] M. L. Bzinva, D. I. Kartozia. Subtrop kul't no 3 11 26 '62

GEORGIA—HEALTH RESORTS, WATERING PLACES, ETC.
So that everybody would feel satisfied. M. Belash'ni Sov. profsoiuzy 18 no. 21 31-33 N '62.

GEORGIA—HISTORY
[Accounts of Georgia by Byzantine writers. Translated from the Georgian] Svedeniia vizantiiskikh pisatelei o Gruzii. Georgian scriptorum Byzantinorum excerpta ad Georgiam pertinentia. Teksty s gruzinskim perevodom, izdali i prim. snabdili A. G. Gamkrelidze i G. G. Kaukhchishvili. Tbilisi, Akad. nauk Gruzinskoi SSR. (Inostrannye istochniki o Gruzii, no. 4)
Vol. I. 1961.
(MII)

GEORGIA—HYDROELECTRIC POWER
Akademiia nauk Gruzinskoi SSR, Tiflis. Sovet po izucheniiu proizvoditel'nykh sil. [Natural resources of the Georgian S.S.R.] Prirodnye resursy Gruzinskoi SSR. Moskva, Izd-vo Akad. nauk SSSR.
Vol. 4. [Water power resources] Gidroenergeticheskie resursy. 1962. 307 p.

GEORGIA—LAUREL
Natural stands of bay laurel as an important source of additional supply of laurel leaves [with summary in English]. G. I. Kanchavali. Subtrop. kul't. no 2 107-114 '62.

GEORGIA—LAUREL—DISEASES AND PESTS
Fungus diseases of bay laurel [with summary in English] V. G. Mkervali. Subtrop. kul't. no 2:115-120 '62

GEORGIA—LEMON

The heating system as a method for the protection of citrus plants against frost [with summary in English] S. V. Mgaloblishvili. Subtrop. kul't. no. 2: 81-92 '62.

GEORGIA—MEDICINE

First conference on the history of medicine and public health in the Georgian S. S. R. A. E. Asatiani. Sov. zdrav. 21 no. 8: 93-94 '62.

GEORGIA—ORANGE

Yield of the Washington navel orange as related to the sterility and doubling of the flower [with summary in English] I. S. Kapanadze. Subtrop. kul't. no. 2: 101-106 '62.

GEORGIA—PEAS

Peas as a promising forage and green manure crop for the zone of moist subtropics [with summary in English] M. L. Bzlava, D. I. Kartozia.

GEORGIA—PEASANTRY

Antelava, I. G. [Georgian crown peasants in the 19th century] Gosudarstvennye krest'iane Gruzii v XIX veke. Tbilisi, Izd-vo Akad. nauk Gruzinskoi SSR.
Vol. 2. [The period following the Reform of 1861 (1864-1900)] Poreformennyi period (1864-1900 gg.) 1962. 360 p.

GEORGIA—PHYTOGEOGRAPHY

Kotakhoveli, N. N. [Vegetation - the treasury of the nation; a picture album] Rastitel'nyi pokrov - sokrovishchnitsa naroda; fotoal'bom. Tbilisi, Izd-vo Akad. nauk Gruzinskoi SSR, 1961. 479 p. [Parallel texts in Georgian and Russian]

GEORGIA—POLITICS AND GOVERNMENT

Georgia. (Transcaucasia). Verkhovnyi Sovet. [Meetings of the Fifth Supreme Soviet of the Georgian S. S. R., second session, November, 25-26, 1959, verbatim report] Zasedaniia Verkhovnogo Soveta Gruzinskoi SSR piatogo sozyva; vtoraia sessiia, 25-26 noiabria 1959 goda. Stenograficheskii otchet. [Tbilisi] Izd. Prezidiuma Verkhovnogo Soveta Gruzinskoi SSR, 1960. 231 p.

GEORGIA—SPRUCE BARK-BEETLE—EXTERMINATION

Control of the European spruce bark beetle in the forests of Georgia. D. F. Rudnev, N. N. Khramtsov. Zashch. rast. ot vred. i bol. 7 no. 7: 28-30 Jl '62.

GEORGIA—TEA—FERTILIZERS AND MANURES

Results of testing manganese fertilizers in the tea plantation [with summary in English] G. S. Godzinashvili, M. S. Zhedenova. Subtrop. kul't. no. 2: 63-68 '62.

GEORGIA—TEA—VARIETIES

Regeneration capacity of improved tea varieties, [with summary in English] V. V. Kutubidze. Subtrop. kul't. no. 2: 60-74 '62.

GEORGIA—TRADE UNIONS

So that everybody would feel satisfied. M. Letashvili. Sov. profsoiuzy 18 no. 21: 31-33 N '62.

GEORGIAN LANGUAGE—DICTIONARIES—RUSSIAN

Chubinashvili, N. D. [Dictionary of the Georgian language with Russian translations] Slovar' gruzinskogo iazyka s russkim perevodom. Red. i issledovanie A. A. Glonti. Tbilisi, Gos. izd-vo "Sabchota Sakartvelo," 1961. 490 p.

GERASIMOV, IOSIF

"My home on Earth"; a tale by I. Gerasimov. Reviewed by I. Fomenko. Oktiabr' 39 no. 6: 220-221 Je '62.

GERANIOL

Reactions of chlorine-containing telomers of dienic hydrocarbons. Part 9: Synthesis of homologs and analogs of geraniol and their ethers and esters. M. L. Genusov, N. A. Razumova, A. A. Petrov. Zhur. ob. khim. 32 no. 10: 3265-3277 O '62.

GERBILS see subdivision under Emba Valley; Tajikistan; Ural Valley

GERIATRICS

Astrozhnikov, IU. V. [Acute surgical diseases of the organs of the abdominal cavity in elderly people] Ostrye khirurgicheskie zabolevaniia organov briushnoi polosti u pozhilykh liudei. [Vladimir] Vladimirskoe knizhnoe izd-vo, 1962. 86 p.
(DNLM)

GERMAN DEMOCRATIC REPUBLIC see Germany, East

GERMAN FEDERAL REPUBLIC see Germany, West

GERMAN LANGUAGE—DICTIONARIES—RUSSIAN

Shilppe, S. A., and E. F. Sinitsyna, comps. [German-Russian geological and mineralogical dictionary] Nemetsko-russkii geologo-mineralogicheskii slovar'. Pod red. V. I. Sobolevskogo. Moskva, Fizmatgiz, 1962. 472 p.

GERMAN LANGUAGE—SPOKEN GERMAN

Work on the lexical minimum for the development of skill in oral speech. L. Z. IAkushina. Inostr. iaz. v shkole no. 4: 22-24 Jl-Ag '62.

GERMAN LANGUAGE—STUDY AND TEACHING

Introductory (remedial) course in the German language for evening (staggered) schools. M. I. Sheper. Inostr. iaz. v shkole no. 4: 59-64 Jl-Ag '62.

GERMAN LANGUAGE—TERMS AND PHRASES

Words and phrases concerning time in the German and Russian languages. M. I. Akkerman. Inostr. iaz. v shkole no. 4: 117-119 Jl-Ag '62.

GERMAN LANGUAGE—SYNTAX

Interaction between the lexical and grammatical meanings. E. I. Shendel's. Inostr. iaz. v shkole no. 4: 92-102 Jl-Ag '62.

GERMAN LANGUAGE—TEXTBOOKS

"Our German club; handbook for the eight-year school teachers, grade seven and eight." Reviewed by L. G. Levitiene. Inostr. iaz. v shkole no. 4: 116 Jl-Ag '62.

GERMAN LITERATURE—BIBLIOGRAPHY see Bibliography—German literature

GERMAN REUNIFICATION QUESTION (1949-)

The kind of peace the Bonn revanchists want. I. Ermashev. Nov. vrem. 20 no. 39: 6-8 S '62.

GERMANE

Synthesis of vinylhydroxysilanes and their germanium analogs. IU. I. Baukov, I. F. Lutsenko. Zhur. ob. khim. 32 no. 11: 3636-3639 N '62.

GERMANIUM

Connection between the germanium content and the petrographic composition of brown coals. N. V. Merkhalev. Uch. zap. SAIGIMSa no. 5: 103-68 '61.

Lomashov, I. P., and B. I. Losev. [Germanium in coals] Germanii v iskopaemykh ugliakh. Moskva, Izd-vo Akad. nauk SSSR, 1962. 257 p.

Some phenomena observed in anode etching of germanium. O. V. Romanov, P. P. Konorov. Fiz. tver. tela 4 no. 8: 2270-2278 Ag '62.

Trapping of nonequilibrium current carriers on a germanium surface. V. G. Litovchenko, V. I. Liashenko. Fiz. tver. tela 4 no. 8: 1985-1993 Ag '62.

GERMANIUM—ELECTRIC PROPERTIES

Cross section of photon and electron capture by the third copper level in germanium. IU. L. Ivanov. Fiz. tver. tela 4 no. 8: 2274-2275 Ag '62.

Recombination level in n-germanium under electron irradiation. L. G. Sharenko, L. S. Smirnov. Fiz. tver. tela 4 no. 8: 2137-2140 Ag '62.

GERMANIUM COMPOUNDS

Using the acid demineralization method under reducing conditions for determining the characteristics of germanium compounds in coals. M. A. Menkovskii, A. N. Aleksandrova. Dokl. AN SSSR 146 no. 4: 868-870 O '62.

GERMANIUM CRYSTALS

Quick determination of the orientation of Ge and Si single crystals on a URS-251 diffractometer [with summary in English]. L. I. Datsenko. Ukr. fiz. zhur. 7 no. 1: 67-71 Ja '62.

GERMANIUM ORGANIC COMPOUNDS

Synthesis and conversions of oxygen-containing unsaturated organogermanium compounds. Part 15: Synthesis of mono- and diatomic tertiary γ-germanium acetylenic alcohols and some of their derivatives. I. A. Shikhiev, I. A. Aalanov, B. G. IUsufov. Zhur. ob. khim. 32 no. 10: 3148-3151 O '62.

GERMANY—ANTI-NAZI MOVEMENT

"How German antifascists struggled against the Hitlerite dictatorship" by L. I. Gintsberg, IA. S. Drabkin. Ukr. ist. zhur. 6 no. 4: 148-150 Jl-Ag '62.

GERMANY—BOUNDARIES—POLAND

The kind of peace the Bonn revanchists want. I. Ermashev. Nov. vrem. 20 no. 39: 6-8 S '62.

GERMANY—INTELLECTUALS

Trel'iakov, S. M. [Têng Hsi-hua. People around a bonfire. Country of crossroads] Den Shi-khua. Liudi odnogo kostra. Strana perekrestok. Moskva, Sovetskii pisatel', 1962. 763 p.

GERMANY—SOCIALIST PARTY

The struggle of different currents in the German Social Democratic Party during the First World War and the organization of the "labor alliance." K. I. Lar'kina. Uch. zap. Perm. gos. un. 20 no. 4: 101-120 '61.

GERMANY—WORLD WAR, 1939-1945—ATROCITIES

Ginzburg, L. V. [The price of ashes; my German notebook] Tsena pepla; nemetskie zametki. Moskva, Sovetskii pisatel', 1962. 401 p.

GERMANY—WORLD WAR, 1939-1945—HISTORIOGRAPHY

Hitlerite generals and their postwar writings. G. Zastavenko. Voen.-ist. zhur. 4 no. 11: 103-108 N '62.

GERMANY, EAST—BIBLIOGRAPHY

[New literature on the German Democratic Republic] Nov. lit. po Ger. Dem. Resp. nos. 1-4 '62.

GERMANY, EAST—COAL MINES AND MINING

Rapid mining of a two-track crosscut in the German Democratic Republic. Ugol' prom. no. 5: 31-32 S-O '62.

GERMANY, EAST—CORN (MAIZE)

Strip spraying of corn (from "Deutsche Agrartechnik," no. 3, 1961) A. V. Dukhshleger. Zashch. rast. ot vred. i bol. 7 no. 7: 56 Jl '62.

GERMANY, EAST—EDUCATION—YEARBOOKS

"Yearbook on the history of education and schools" [in German] Reviewed by M. Shabaeva. Sov. pedag. 26 no. 6: 146-147 Je '62.

GERMANY, EAST—INDUSTRIAL BUILDINGS

Use of prefabrication methods in industrial construction in the German Democratic Republic. P. Heidenwag. Prom. stroi. 40 no. 8: 58-61 '62.

GERMANY, EAST—LANGUAGES—TEXTBOOKS

New goals in the teaching program require the creation of new type textbooks. Inge Wolter. Inostr. iaz. v shkole no. 4: 28-34 Jl-Ag '62.

GERMANY, EAST—METALLURGY—CONGRESSES

The 14th congress of miners and metallurgists of the German Democratic Republic. A. A. Saukov. Vest. AN SSSR 32 no. 11: 122-123 N '62.

GERMANY, EAST—MINING ENGINEERING—CONGRESSES

The 11th congress of miners and metallurgists of the German Democratic Republic. A. A. Saukov. Vest. AN SSSR 32 no. 11: 122-123 N '62.

GERMANY, EAST—MOTION-PICTURE PHOTOGRAPHY—EQUIPMENT AND SUPPLIES

Motion-picture photographic materials at the Leipzig Fall Fair of 1962. Tekh. kino i telev. 6 no. 12: 90 D '62.

GERMANY, EAST—POLITICS AND GOVERNMENT

Republic of work and peace. M. Cherman. Uzbekistan 21 no. 10: 7 '62.

GERMANY, EAST—PRECAST CONCRETE CONSTRUCTION

Use of prefabrication methods in industrial construction in the German Democratic Republic. P. Heidenwag. Prom. stroi. 40 no. 8: 58-61 '62.

GERMANY, EAST—SHIPYARDS—EQUIPMENT AND SUPPLIES

Vertical ship raising structure in Stralsund. R. Alimdarov. Rech. transp. 21 no. 11: 56-57 N '62.

GERMANY, EAST—SHORE PROTECTION

Shore protection in the German Democratic Republic. N. A. Khodyrev. Okeanologiia 2 no. 5: 939-942 '62.

GERMANY, EAST—SURVEYING—INSTRUMENTS

Modern geodetic instruments from the German Democratic Republic. IU. G. Batrakov. Gidr. i mel. 14 no. 10: 48-50 O '62.

GERMANY, EAST—VOCATIONAL EDUCATION

Two weeks in the secondary special schools of the German Democratic Republic. D. I. Chuprunov. Sred. spets. obr. 9 no. 8: 59-64 Ag '62.

GERMANY, EAST—WEED CONTROL

Strip spraying of corn (from "Deutsche Agrartechnik," no. 3, 1961) A. V. Dukhshleger. Zashch. rast. ot vred. i bol. 7 no. 7: 56 Jl '62.

GERMANY, EAST—WEIGHTS AND MEASURES

Use of new measurement units in the German Democratic Republic. I. A. Komarova. Izm. tekh. no. 8: 59-60 S '62.

GERMANY, WEST—FOREIGN ECONOMIC RELATIONS—AFRICA

"Economic expansion of West Germany in Africa" by P. I. Pol'shikov. Reviewed by V. M. Kachalin. Nar. Az. i Afr. no. 6: 159-162 '62.

Pol'shikov, P. I. [Economic expansion of West Germany in Africa] Ekonomicheskaia ekspansiia Zapadnoi Germanii v Afrike. Moskva, Izd-vo IMO, 1962. 224 p.

"West German expansion in Arab countries and Africa" by IA. IA. Etinger. Reviewed by L. N. Pribytkovskii. Nar. Az. i Afr. no. 6: 201-202 '62.

GERMANY, WEST—FOREIGN ECONOMIC RELATIONS—ARAB COUNTRIES

"West German expansion in Arab countries and Africa" by IA. IA. Etinger. Reviewed by L. N. Pribytkovskii. Nar. Az. i Afr. no. 6: 201-202 '62.

GERMANY, WEST—FOREIGN POPULATION

The "Common Market" and the migration of workers. Hans Kramer. Vsem. prof. dvizh. no. 10: 23-26 O '62.

GERMANY, WEST—FOREIGN RELATIONS

Bonn, the enemy of peaceful coexistence. P. Kriukov, V. Mulin. Mezhdunar. zhizn' 9 no. 12: 30-37 D '62.

GERMANY, WEST—FOREIGN RELATIONS—UNITED STATES

Bonn and Washington Nov vrem 20 no 46 3 N '62

GERMANY, WEST—LABOR AND LABORING CLASSES

The "Common Market" and the migration of workers Hans Kramer. Vsem prof. dvizh. no. 10 23-26 O '62

The "Common Market" is the instrument of monopoly power. Herbert Warnke. Vsem. prof dvizh no. 10 3-8 O '62.

GERMANY, WEST—LIBERTY OF THE PRESS

Revenge of Franz Josef G Gurkov. Ogonek 40 no 45 6-7 N '62

GERMANY, WEST—POLITICS AND GOVERNMENT

A regime in convulsion, the Bonn Cabinet crisis A. Grigor'iants Nov. vrem. 20 no. 49 8-9 D '62

Revenge of Franz Josef G Gurkov Ogonek 40 no 45 6-7 N '62

GERMANY, WEST—PRECAST CONCRETE CONSTRUCTION

Construction of a shop with a span of 40 m in the Federal Republic of Germany (from "Beton und Stahlbetonbau," no 3, 1962) IU T Chernov Prom stroi 40 no 9 62-64 '62

GERMANY, WEST—RAILROADS—TRAFFIC

Changes in the organization of car flows on the railroads of the German Federal Republic Zhel dor transp 44 no 11 89-90 N '62

GERMANY, WEST—RUSSIAN PERIODICALS—CENSORSHIP

Bonn's cold war on "Novoe vremia" Nov vrem 20 no 47 15 N '62

GERMANY, WEST—RUSSIAN STUDIES

"Geschichte Russlands" [in German] by Hans von Rimscha Reviewed by M. R. Tul'chinskii. Ist SSR 6 no 6 170-180 N-D '62

GERMANY, WEST—TRADE UNIONS

Kliuchnikov, B. F. [Fifth column in the trade unions of the Federal Republic of Germany] Piataia kolonna v profsoiuzakh FRG. [Moskva] Profizdat, 1962. 125 p.

GERMANY, WEST—TRADE UNIONS—CONGRESSES

Debates in the West-German trade unions. A Grigor'iants. Nov vrem 20 no. 47 10-11 N '62.

GERMANY, WEST—TRUSTS, INDUSTRIAL

The "Common Market" is the instrument of monopoly power. Herbert Warnke. Vsem. prof. dvizh. no. 10. 3-8 O '62.

GERMANY, WEST—WAR CRIMINALS

Ginzburg, L. V. [The price of ashes; my German notebook] TSena pepla, nemetskie zametki. Moskva, Sovetskii pisatel', 1962. 401 p

GERMANY, WEST—WELDING

Welding in the U S A and in the Federal German Republic A. A Bukovoi, V I Snezhko Avtom svar 15 no 10 87-94 O '62

GERMICIDES see Fungicides

GERMINATION

Cotyledonous tube in species of the Umbelliferae family in southern steppes. I. G. Zoz. Dokl. AN SSSR 146 no 4 951-953 O '62.

Effect of light and temperature on the germination of the seeds of some weed and meadow plants P G Kostkova Trudy Stavr sel'khoz inst no 9 43-46 '60.

GESSE, ERIK ROMANOVICH, 1885-1938

Erick Romanovich Gesse Vest. khir 87 no. 11 2 N '61.

GEYSERS see subdivision under Kamchatka

GHANA—ECONOMIC POLICY

Economic development of independent Ghana [with summary in English, p 225] P I Pol'shikov Nar. Az. i Afr no 6 39-45 '62

GHANA—HISTORY

"I speak of freedom; a statement of African ideology" by Kwame Nkrumah Reviewed by Ov. Melikian Nar Az i Afr no 6 154-157 '62.

GHANA—LITERATURES

The modern literature of Ghana [with summary in English, pp 227-228] V N Vavilov Nar Az i Afr no. 6 105-112 '62

GIARDIASIS

Clinical manifestations of lambliogenic hepatocholecystitis according to materials from the Hospital Therapeutic Clinic for 1954-1959. A. T. Simonian, V. P. Bunatian, O. A. Nanagiulian Trudy Erev. med. inst. no. 11 261-265 '60.

GIBBERELLIN

Gibberellins of higher plants G S. Muromtsev. Usp sovr biol 54 no 1 90-101 Jl-Ag '62.

Muromtsev, G. S., and L. A. Pen'kov. [Gibberellins] Gibberelliny. Moskva, Sel'khozizdat, 1962. 230 p.

GINZBURG, MOISEI IAKOVLEVICH, 1892-1946

M. IA. Ginzburg S. Khan-Magomedov. Arkhit. SSSR no. 10 38-46 '62.

GIRDERS see Beams and girders

GIRDERS, CONTINUOUS see Beams and girders, Continuous

GISSAR RANGE—GEOLOGY, STRUCTURAL

Block tectonics of the southwestern spurs of the Gissar Range. V. M. TSeisler. Izv. vys. ucheb. zav., geol. i razv. 5 no 8 21-33 Ag '62.

GLACIERS

(see also subdivision under Elbrus, Mount)

Work of the laboratory of aerial photographic methods of the Department of Geodesy and Cartography of the Geography Faculty of the Moscow State University during the International Geophysical Year. I. R. Zatlov Inform. shor. o rab. Geog. fak. Mosk. gos. un. po Mezhdunar. geofiz. godu no 7 5-13 '61

GLACIERS—MAPS see subdivision under Elbrus, Mount

GLACIERS—SPECTRA see subdivision under Elbrus, Mount

GLACIOLOGY see subdivision under Archangel Province

GLASS

Grafting of polymers to solid surfaces. Part I Study of the interaction of organosilicon compounds with glass based on infrared absorption spectra [with summary in English] L. I. Golubenkova and others. Vysokom. soed. 4 no. 9 1354-1360 S '62

Residual stresses in glasses quenched in liquids. F. F. Vitman, T. G. Dmitrieva, V. P. Pukh. Fiz. tver. tela 4 no. 8 2151-2159 Ag '62.

Strengthening of glass. F. F. Vitman, I. A. Bogushevskii, V. P. Pukh. Fiz. tver. tela 4 no. 8 2160-2166 Ag '62.

GLASS—ELECTRIC PROPERTIES

Mazurin, O. V. [Electrical properties of glass] Elektricheskie svoistva stekla. Leningrad, 1962. 161 p. (Leningrad. Tekhnologicheskii institut. Trudy, no. 62)

GLASS—SPECTRA

Qualitative spectrum analysis of ancient glass. D. V Naumov. Sov. arkheol. 6 no. 4 115-120 '62.

GLASS—TESTING

Change in the structure of liquid glass in the process of hardening K. Klimanova, K. Guzhavina, F. IAmpol'ska. Bud. mat. i konstr 4 no. 5 51-53 S-O '62.

GLASS, CELLULAR

Re-equipping a brick plant for the production of foam glass. IA. M. Neiman Stroi. i dor. mash. 7 no. 10 30-32 O '62.

GLASS FIBER INDUSTRY

Automatic regulators used in the manufacture of glass fibers. L. G. Zhivov. Mekh. i avtom. proizv. 16 no. 10 31-32 O '62.

GLASS FIBERS

Interaction of polymers with fillers. Part 5. Effect of the conditions of depositing a polymer on glass fiber and the method of treating the glass fiber on the properties of the polymer [with summary in English]. T E Lipatova, V A Budnikova, IU S Lipatov Vysokom soed 4 no. 9 1398-1403 S '62.

Molding compounds based on hardening polyesters. Polyester glass fibers. E. B Trostianskaia, V. M. Vinogradov, IU. N. Kazanskii Plast. massy no 10 14-16 '62

Zak, A. F. [Physicochemical properties of glass fibers] Fiziko-khimicheskie svoistva steklianogo volokna. Moskva, Rostekhizdat, 1962. 224 p.

GLASS MANUFACTURE

Use of Dzhermuk quartzite as raw material for the manufacture of bottle glass. M. Manvelian, K. Kostanian, E. Erznkian. Prom. Arm. 5 no. 10 52-54 O '62.

GLASS REINFORCED PLASTICS—EXHIBITIONS

At the Exhibition of Achievements of the National Economy of the U. S. S. R. Glass reinforced plastics as building materials. G. O. Tatevosian. Plast. massy no 10 71-73 '62.

GLASS REINFORCED PLASTICS—TESTING

Strength properties of glass reinforced plastics. Effect of moisture, atmospheric action, and high temperature on the physical and mechanical properties of glass reinforced plastics. V. M. Shcherbakov and others. Plast. massy no 10 37-43 '62

GLASSWARE see subdivision under Orenkala, Samarkand

GLAUCOMA

Change in the blind spot in glaucoma under the influence of time and situation as conditioned stimuli. A. M. Repnikova. Trudy Turk. nauch.-issl. trakh. inst. 6 117-121 '60.

Clinical characteristics of glaucoma according to data from the out patient and hospital clinics of the Turkmen Institute of Trachoma and the Department of Eye Diseases of the Turkmen State Medical Institute. D. I. Artem'ev Trudy Turk. nauch.-issl. trakh. inst 6 87-92 '60.

Endocrine exophthalmos and glaucoma (Review of the literature and analysis of personal observations) [with summary in English]. V. I. Dombrovskaia. Vest. oft. no. 1 52-64 '62.

"Glaucoma." Studies of the Helmholtz State Research Institute for Eye Diseases. Reviewed by A. I. Dmitrovskii. Vest. oft. no. 1 91-93 '62.

Gonioscopic studies in iridencleisis, antiglaucomatous sclerectomy and cyclodialysis I. I. Ostrovskaia Vest. oft. no. 4 29-31 '62

Gonioscopic study of late results of some operations for glaucoma [with summary in English]. F. I. Gel'shtein Vest. oft. no. 1 40-48 '62.

Interrelation of glaucoma with hypertension I. D. Bilyavskaia. Trudy Lvov. med. inst. no. 13 409-413 '61

Interrelations between glaucoma and diabetes A. F. Kurnosov. Trudy Turk. nauch.-issl. trakh. in-ta 6 79-85 '60

Mechanism of the hypotensive action of diamox. R. I. TSaritsyna. Vest. oft. no. 1 34-40 '62.

Nicotine test in glaucoma [with summary in English] N. A. Pletneva, S. M. Sukhikova, P. S. Zubchik Vest. oft. no. 4 3-8 '62.

Phosphakol and its therapeutic value in glaucoma P. I. Artem'ev. Trudy Turk. nauch.-issl. trakh. in-ta 6 93-106 '60

Results of the Lagrange-Holth operation in Filatov's modification in glaucoma V. B Gelt, Zdrav. Turkm. no. 1 28-30 Jl-Ag '62.

Role of Narzan baths in the compound treatment of primary glaucoma A. V. Sapunov Vest. oft. no. 4 30-32 '62.

Studies on biochemical disorders in the tissues of the eye in glaucoma [with summary in English]. D. S. Sarkisov. Vest. oft. no. 1 8-12 '62.

Tissue therapy as a method for increasing the effectiveness of phosphakol in glaucoma. D. I. Artem'ev. Trudy Turk. nauch.-issl. trakh. inst. 6 107-115 '60

Use of a "lytic cocktail" in the compound treatment of an acute attack of glaucoma [with summary in English]. E. N. Iudelkin. Vest. oft. no. 4 32-34 '62

GLIERE, REINHOLD MORITSEVICH, 1875-1956

Belza, I. F. [R. M. Gliere] R. M. Gliер. Moskva, Sovetskii kompozitor, 1962. 91 p. (V pomoshch' samodeiatel'nym kollektivam narodnykh universitetov kul'tury: Beseedy o muzyke)

GLUSHKOV, IVAN ARKHIPOVICH

Party private. A. Polianskii. Voen. znan. 38 no. 11 9-10 N '62.

GLUTAMIC ACID

Skiralymonskii, A. I. [Production of sodium glutamate] Proizvodstvo glutamata natriia. Kiev, Gostekhizdat USSR, 1962. 36 p.

Study of the photochemical changes in a lecithin and glutamic acid or lecithin and glycine solution in the presence of saccharose with the use of artificial sun light as a source of radiation [with summary in English]. O. N. Forti, K. Bahadur, N. D. Pathak Biokhimiia 27 no. 4 708-714 Jl-Ag '62

GLUTAMIC ACID—PHYSIOLOGICAL EFFECT

Influence of glutamic acid and caffeine on the amount of glutamine, ammonia, and glutamic and adenosine triphosphoric acids in the frontal hemispheres of the brain [with summary in English]. D. G. Dalalova Vop. med. khim. 8 no. 1 83-86 Ja-F '62

GLUTAMIC-OXALACETIC TRANSAMINASE

Interaction of highly purified aspartic-glutamic transaminase with reagents that block sulfhydryl groups [with summary in English]. O. L. Polianovskii Biokhimiia 27 no. 4 734-743 Jl-Ag '62.

GLYCEROL

Glycerate complexes of iron (III) in solution. I. V. Tselinskii, L. G. Romanovskaia. Ukr. khim. zhur. 28 no. 6 905-910 '62.

Phosphorylation of glycerol and its derivatives by alcoholysis of dialkyl phosphinic amides. Isomerization of a directed substitution of a cyano group for hydroxyl K. A. Petrov, E. E. Nifant'ev, L. V. Khorkhoianu. Zh. obshch. khim. 32 no. 11 3720-3723 N '62.

GLYCINE

Methods of the indirect synthesis of phthalylglycine esters. M. F. Shostakovskii, T. S. Shapiro. Zh. obshch. khim. 32 no. 10 3137-3141 O '62.

Study of the photochemical changes in a lecithin and glutamic acid or lecithin and glycine solution in the presence of saccharose with the use of artificial sun light as a source of radiation [with summary in English] O. N. Forti, K. Bahadur, N. D. Pathak Biokhimiia 27 no 4 708-714 Jl-Ag '62

Synthesis of diethylglycine esters of diethylbenzylcarbinol and phenylacetylcarbinol. N. V. Khromov-Borisov, N. I. Kudriashova, M. N. Ilobrova. Zhur. ob. khim. no. 10 3207-3211 O '62.

GLYCOLIC ACID

Hydroxy-substituted diphenylacetic acids. I. N. Sorokin. Zhur. ob. khim. 32 no. 11 3788-3790 N '62.

Substituted hydrazides of hydroxycarboxylic acids. Part 7: o-Tolylhydrazides of dialkylglycolic acids. I. S. Berdinskii. Zhur. ob. khim. 32 no. 11 3804-3807 N '62.

GLYCOLS
Glycol ethers and their derivatives. Part 48. Synthesis of alkoxymethylbenzyl ethers. Shamkhal-Mamedov, M.A. Avanesian, B.M. Alieva. Zhur.ob.khim. 32 no.11 3635-3639 N '62
Transformations of pinacols with substituted acetylenic radicals. Part 21. Synthesis and transformations of 2-methyl-3-phenyl-5-p-tolyl-4-pentyn-2, 3-diol L.A. Pavlova, S.V. IAkovlev, E.D. Venus-Danilova. Zhur.ob.khim 32 no.10 3260-3265 O '62.

GLYCOLYSIS
Oxidative phosphorylation and glycolysis in the muscle tissue [with summary in English] N.P. Meshkova, T.IU. Lipskaia, N.A. Oreshnikova. Vop.med.khim 8 no.1:78-82 Ja-F '62.

GLYCOPROTEINS
Changes in the protein fractions, lipo- and glycoproteins in the blood serum in epidemic hepatitis (Botkin's disease) [with summary in English] N.A. Zaslavskaia. Trudy LSGMI no.69:21-30 '61.

GLYCOSIDES, CARDIAC see Cardiac glycosides

GLYOXYLIC ACID
Condensation of glyoxylic acid esters with ketones. IU.A. Arbuzov, E.I. Klimova. Zhur.ob.khim 32 no.11:3670-3681 N '62.

GNILORYBOV, T.E., 1901-
T.F. Gnilorybov. Khirurgiia no.12:128-130 '61.

GOBIES see subdivision under Amur Valley

GOGOL', NIKOLAI VASIL'EVICH, 1809-1852
"From the history of the Russian classical novel, Pushkin, Lermontov, Gogol'" by D.E. Tamarchenko. Reviewed by A. Gurevich. Vop.lit. 6 no.8:214-216 Ag '62.

GOITER
Cobalt content in the soil, water, food products, pasture plants in a region of endemic goiter. M.G. Kolomiitseva. Zdrav.Kazakh. 22 no.6 55-60 '62.
Diagnosis and therapy of Riedel's fibrous thyroiditis [with summary in English]. N.I. Tiuten'. Probl.endok. i gorm. 8 no.4:91-95 Jl-Ag '62.
Strumous effect of methylthiouracil in rats in partial decortication of the cerebrum. I.I. Ivanova, P.A. Vundor. Probl.endok.i gorm. 8 no.4,45-50 Jl-Ag '62.
Use of ganglionic blocking preparations in surgery for thyrotoxic goiter [with summary in English]. R.I. Kurdgelidin. Probl.endok.i gorm. 8 no.4:79-82 Jl-Ag '62.

GOLD-COPPER ALLOYS see Copper-gold alloys

GOLD ORES see subdivision under Bol'shaya Belaya Valley (Sayan Mountains); Siberia, Eastern

GOLDZMIT, HENRYK, 1878-1942
Janusz Korczak. M. Shabaeva. Nar.obr. no.12:91-93 D '62.

GOL'MSTEN, VERA VLADIMIROVNA, 1880-1942
In memory of V.V. Gol'msten. V.P. Mizinova, K.V. Sal'nikov. Sov.arkheol. 6 no.4:121-123 '62.

GOLODNAYA STEPPE—PLANTS, PROTECTION OF
On the "Pakhta-Aral" State Farm A.A. Lysenko Zashch.rast.ot vred.i bol. 7 no.7:4-5 Jl '62

GOLODNAYA STEPPE—STATE FARMS
They are guarding the farmer's honor. N. Minkin. Uzbekistan 21 no.10:16-17 '62.

GOLUB, DAVID MOISEEVICH, 1901-
D.M. Golub. Zdrav.Bel. 7 no.11:70 N '61.

GOMEL' DISTRICT—RURAL LIBRARIES
By means of visual propaganda B. Plechnina Bibliotekar' no.11 17-18 N '62

GOMEL' PROVINCE—CORN (MAIZE)
How we fare in Gomel' Province. V. Kot. Sel'.mekh. no.4,8-9 '62.

GOMEL' REGION—AGRICULTURAL ADMINISTRATION
Introduction of new methods isn't a choice, it is an obligation. I. Belogub. Komm.Bel. 38 no.10,41-45 O '62.

GONADOTROPIN
Anahormones. Report No.1: Preservation of the immunological characteristics of chorionic and pituitary gonadotropins in spite of eliminating their gonadotropic effect. V.M. Dil'man. Vop.onk. 8 no.6:112-115 '62.
Anahormones. Report No.2: Effect of hormonally nonactive pituitary gonadotropins on the frequency of appearance of hyperplasia of ovarian tissue transplanted into the spleen [with summary in English]. V.M. Dil'man, L.P. Blok. Vop.onk. 8 no.6:115-116 '62.
Anahormones. Report No.3: Inactivation of the melanocyte-stimulating hormon by Lithospermum officinale extract. The phenomenon of competition. V.M. Dil'man, L.N. Simanovskii. Vop.onk. 8 no.6:116-117 '62.

GONCHAROV, IVAN ALEKSANDROVICH, 1812-1891
Rybasov, A.P. I.A. Goncharov. Moskva, Goslitizdat, 1962. 241 p.

GONIOMETRY
Goniometric studies of topazes. I IA. TSenter. Zap. Vses.min.ob-va 91 no.5 615-618 '62.
Measuring internal angles of dovetail-type prisms V IA Eidinov Izm.tekh. no.11 18 N '62

GORDEICHEV, VLADIMIR
"Anxiety", verse by Vladimir Gordeichev Reviewed by Vladimir Gusev Oktiabr' 38 no.6,215-216 Je '62

GOR'KII, MAKSIM, 1868-1936
Akademiia nauk SSSR. Institut mirovoi literatury. [Gor'kii readings, 1959-1960] Gor'kovskie chteniia, 1959-1960. Moskva, Izd-vo Akad. nauk SSSR, 1962. 382 p.

GOR'KII, MAKSIM, 1868-1936—HOMES AND HAUNTS
Blokhina, V.N. [A.M. Gor'kii on the Volga, 1928-1935] A.M. Gor'kii na Volge, 1928-1935 gg. [Gor'kii] Gor'kovskoe knizhnoe izd-vo, 1961. 100 p.

GORKIY—CIVIL DEFENSE—STUDY AND TEACHING
School of self-help. M. Kirdianov. Voen.znan. 38 no.11:36-37 N '62.

GORKIY—HEPATITIS, INFECTIOUS
Study of the effectiveness of prophylaxis of Botkin's disease using gamma globulin in childrens' institutions in Gorkiy and Dzerzhinsk M.D. Aleinik and others Vop.virus. 7 no.5:617-618 S-O '62.

GORKIY PROVINCE—AGRICULTURE—STUDY AND TEACHING
In agricultural technical schools of Gorkiy Province F.A. Bobrikov Sred.spets.obr. 9 no.6 30-33 Ag '62.

GORKIY PROVINCE—CONSTRUCTION INDUSTRY—MANAGEMENT
Utilize production potentials more fully. M. Plotnikov. Ekon.stroi. no.11:40-49 N '62.

GORKIY PROVINCE—FORTIFICATIONS, OLD
Kir'ianov, I.A. [Ancient fortresses of the Nizhniy Novgorod region of the Volga Valley; study on ancient Russian wooden and earthen fortresses in Nizhniy Novgorod (Gorkiy), Gorodets, Gorodishchi village (Bor District), Lyskov, Kurmysh, Vasil'sursk, Balakhna, Bol'shoye Murashkino and Arzamas] Starinnye kreposti Nizhegorodskogo Povolzh'ia, ocherk o starinnykh russkikh derevo-zemlianykh krepostiak v N. Novgorode (Gor'kom), Gorodtse, sele Gorodishchi (Borskogo raiona), Lyskove, Kurmyshe, Vasil'surske, Balakhne, B. Murashkine, Arzamase. [Gor'kii] Gor'kovskoe knizhnoe izd-vo, 1961. 105 p.

GORKIY PROVINCE—MANUFACTURES
Customers are waiting for local manufactures. A. Belikov, S. Zharkov Sov.potreb.koop 6 no.7:21-25 Jl '62

GORKIY PROVINCE—TRANSPORTATION
Complex utilization of transportation in the Gorkiy Economic Region B.I. Zikeev Zhel.dor.transp 44 no.11:34-36 N '62.

GORNO-ALTAI AUTONOMOUS PROVINCE—COBALT
Cobalt content in the soil, water, food products, pasture plants in a region of endemic goiter. M.G. Kolomiitseva. Zdrav.Kazakh 22 no.6 55-60 '62.

GORYN' VALLEY—ANTIQUITIES
Exploration in the upper Goryn' region. M.A. Tikhanova. Kiat.soob.Inst.arkheol. no.87:48-53 '62.

GOURDS
Evolution of the anatomical structures of seeds in the gourd family V.N. Soifer. Biul.MOIP Otd.biol. 67 no.3:147 My-Je '62.

GOVERNMENT OWNERSHIP
(see also subdivision under Great Britain)
Democratic nationalization as a weapon in the struggle against monopolies. S. Novoselov. Kommunist 38 no.17:113-121 N '62.

GRAFFITI see subdivision under Black Sea region

GRAFTING
Using Chinese apple as stock. A.P. Baranova. Agrobiologiia no.5:718-721 S-O '62.

GRAFTING OF SKIN see Skin grafting

GRAIN
(see also subdivision under Uzbekistan)
Angel'ev, D., N. Trofimenko, and I. Soldatov. [A centner of grain in 38 minutes; from the practices of the "Gigant" State Farm in Rostov Province] TSentner zerna - za 38 minut; iz opyta sovkhoza "Gigant," Rostovskoi oblasti. [Rostov-na-Donu] Rostovskoe knizhnoe izd-vo, 1961. 20 p. (DNAL)
Controlled changes in the nature of grain crops [with summaries in English, German, and French]. A.K. Fedorov. Vest.sel'khoz.nauki 7 no.9:20-25 S '62
Effect of the herbicide 2, 4-D on the protein nitrogen content in barley, corn, and millet grain V.A. Alabushev Fiziol.rast. 9 no.3 372-375 '62
For increased production of winter grain. G.I. Petrov. Zemledelie 24 no.6 70-75 Je '62
Koval', T.A. [Grain farming in the U.S.S.R.] Zernovoe khoziaistvo SSSR Moskva, Ekonomizdat, 1962. 210 p.
Mass capacity and the mass transfer coefficient of certain granular materials [with summary in English] L.M. Nikitina, M.A. Kuchmel'. Inzh.-fiz.zhur 5 no.8:48-52 Ag '62.
Process grain in large specialized enterprises. G. Shefer, V. Guseva. Ekon.sel'khoz. 33 no.10 71-73 O '62.
Short-time fallowing as one of the measures for increasing grain production M.A. Bzikov. Zemledelie 24 no.6 27-33 Je '62

GRAIN—DISEASES AND PESTS
(see also subdivision under Central Black Earth region; Stavropol Territory, Volga Valley)
Kalashnikov, K.IA. [Smuts of grain crops] Golovni zernovykh kul'tur Leningrad, Sel'khozizdat, 1962. 87 p. (DNAL)
New data on the oat nematode Heterodera major T.A. Ivanova Zashch.rast.ot vred.i bol. 7 no.6 33-34 N-D '59

GRAIN—DRYING
Method for calculating the duration of grain drying in a pseudo-fluidized bed [with summary in English] A.S. Ginzburg, V.A. Rezchikov Inzh.-fiz.zhur 5 no.8:10-17 Ag '62.

GRAIN—HARVESTING see subdivision under Ukraine; Virgin Territory

GRAIN—STORAGE
Correct distribution of grain storages on waterways I. Kolesov. Rech.transp 21 no.11:6-8 N '62

GRAIN—TRANSPORTATION
Analyzing the electric power consumption of horizontal pneumatic conveying systems A.S. Kammet, A.M. Dzladzio. Izv.vys.ucheb.zav.:pishch.tekh no.4:106-109 '62.

GRAIN BREEDING
Effect of gamma irradiation before sowing on the fertilizing capacity of pollen in gramineous plants [with summaries in English, German, and French] S.I. IAnushkevich Vest.sel'khoz.nauki 7 no.9:110-111 S '62

GRAIN BREEDING—CONGRESSES
Seminar on the problems of breeding. R.M. Bliacherova. Zemledelie 24 no.10:89-90 O '62.

GRAIN ELEVATORS—DESIGN AND CONSTRUCTION
Design and calculation of coordinated equipment for grain elevators in the eastern area of the country V.K. Mel'nikov. Izv.vys.ucheb.zav.:pishch.tekh. no.4:110-113 '62.

GRAIN HANDLING
Dorshak, P.B., and L.A. Gafner. [Preparing grain for milling at a mill] Podgotovka zerna k pomolu na mel'nitse. Moskva, Zagotizdat, 1961. 82 p.

GRAIN HANDLING—SAFETY MEASURES
Ponomarev, V.A., and A.M. Chelyshev. [Safety measures in grain-receiving enterprises] Tekhnika bezopasnosti na khlebopriemnykh predpriiatiiakh. Moskva, Zagotizdat, 1962. 134 p.

GRAIN-HANDLING MACHINERY
System for transporting grain from the storage pits. V. Pilavka Sel'.mekh. no.4:20 '62

GRANARIES
Prospects for the expansion of grain receiving enterprises. A.A. Borinevich. Izv.vys.ucheb.zav.:pishch.tekh. no.4:9-13 '62.

GRANARIES—DISINFECTION see subdivision under Uzbekistan

GRANARIES—VENTILATION
Combined method for grain ventilation [with summaries in English, German, and French]. IA.N. Fishman Vest.sel'khoz.nauki 7 no.9:80-83 S '62.

GRANITE
(see also subdivision under Pshekha Valley, Pshikhashka Valley)
Electric separation of granites and pegmatites. N.M. Karnaukhov. TSvet.met. 35 no.7:80-82 Jl '62.

GRANITE—CLASSIFICATION
V.N. Lodochnikov on the classification of granitoids. N.I. Tikhomirov. Zap.Vses.min.ob-va 91 no.5:587-588 '62.

GRANOSAN
Granosan in controlling the Oospora infection of potatoes. A.P. Khar'kova, N.M. Rudenko. Zashch.rast. ot vred.i bol. 7 no.3:34-35 Mr '62.

GRANULAR LIDS see Conjunctivitis, Granular

GRANULOMA BENIGNUM
Sarcaidosis - Besnier - Boeck - Schaumann's disease, a survey of the literature. A. P. Zolotova. Sov. med. 26 no. 7:87-92 Jl '62

GRAPE JUICE
Let's give our country more fruit and grape juice. A. A. Leibman. Kons. i ov. prom. 17 no. 11:7 N '62

GRAPES see subdivision under Chu Valley

GRAPES—DISEASES AND PESTS
(see also subdivision under Azerbaijan; Moldavia)
"Pests and diseases of the grapevine" by A. D. Lipatskii, K. S. Ruzae. Reviewed by P. Arkhangel'skii. Zashch. rast. ot vred. i bol. 4 no. 8:59 N-D '59

GRAPHIC ARTS see subdivision under Rybnoye (Ryazan Province)

GRAPHITE
Calcining blocks of cold compacted finely granulated graphite. V. P. Sosedov, I. N. Samokhin, E. E. Nemirovskii. TSvet. met. 35 no. 7:54-60 Jl '62.
Exposure of the porosity of graphitized iron alloys. A. A. Baranov, S. L. Voitselenok. Zav. lab. 28 no. 11:1341-1342 '62.
Symposium at the Institute of Metals in London. Atom. energ. 13 no. 5:503-505 N '62
Temperature effect on the diffusion length and scattering cross section of thermal neutrons in graphite. I. F. Zhezherun, E. N. Korolev. Atom. energ. 13 no. 5, 454-457 N '62

GRAPHITE—CATALOGS
Angelevich, M. M., comp. [Graphitic carbon products; a catalog] Uglerodistye grafitirovannye izdelila; katalog spravochnik. Red. Sosedov, V. P. Moskva, Metallurgizdat, 1962. 95 p.

GRAPHITE CRYSTALS—ELECTRIC PROPERTIES
Temperature dependence of the electric resistance of polycrystalline graphite at pressures up to 250,000 kg./cm2. A. A. Smerchan, N. N. Kuzin, L. F. Vereshchagin. Dokl. AN SSSR 146 no. 4:803-804 O '62.

GRASS BREEDING
Methods of breeding perennial grasses. A. A. Kornilov. Trudy Stavr. sel'khoz. inst. no. 9:53-67 '60.

GRASSES
Effect of light and temperature on the germination of the seeds of some weed and meadow plants. P. G. Kostkova. Trudy Stavr. sel'khoz. inst. no. 9:43-46 '60.
Photoperiodic reaction of shoots from the *aftergrowth* of perennial tillering grasses to the shorter summer and fall day and its importance to the plants over the winter. V. V. Skripchinskii. Trudy Stavr. sel'khoz. inst. no. 9:21-31 '60

GRASSES—FERTILIZERS AND MANURES see subdivision under Mordovia

GRAVIMETRY
Methods of single observations with two gravimeters. I. M. Mel'tanovitskii. Uch. zap. SAIGIMiGA no. 5:163-167 '61

GRAVITATION
Acceleration of a free fall. V. Orlov. Nauka i zhizn' 29 no. 5:112, 3 of cover My '62
Phenomenological theory of the interaction of electromagnetic and gravitational fields. M. P. Korkina. Ukr. fiz. zhur. 7 no. 1:72-73 Ja '62.
Problem of gravitational instability of a compressible medium [with summary in English]. A. Zh. Pakhol'chik. Astron. zhur. 39 no. 6:953-960 N-D '62.
With our colleagues; notes of an observer. Nauka i zhizn' 29 no. 5:80-81 My '62.

GRAVITATION—CONGRESSES
International conference on the relativistic theories of gravitation. G. F. Zharkov. Vest. AN SSSR 32 no. 11:118-119 N '62.

GRAVITY
Effect of topographic features on the characteristics obtained for the earth's gravitational field [with summary in English]. L. P. Pellinen. Trudy TSNIIGAIK no. 145:23-42 '62.
Expanding gravity anomalies in spherical functions in calculating characteristics of the gravity field on the "Ural-1" electronic digital computer [with summary in English]. A. I. Shabanova. Trudy TSNIIGAIK no. 145:77-82 '62.
Oscillations of an isothermal conducting atmosphere in the presence of gravity and magnetic fields, and harmonic pulsations of the earth's magnetic field. B. A. Tverskoi. Geomag. i aer. 2 no. 1:51-57 Ja-F '62.
Relationship between a gravity anomaly and height in obtaining mean gravity characteristics of large areas [with summary in English]. V. A. Taranov. Trudy TSNIIGAIK no. 145:71-76 '62.

GRAVITY ANOMALIES
Tiapkin, K. F. [Interpretation of gravity anomalies in finite geologic structures along the strike] Interpretatsiia gravitatsionnykh anomalii, *obuslovlennykh konechnymi po prostiraniiu geologicheskimi ob"ektami.* Moskva, Gosgeoltekhizdat.
Pt. 2, 1962, 131 p.
[MICROFILM]

GREAT BRITAIN—BROKERS
The "free world." Nov. vrem. 20 no. 46:19-20 N '62

GREAT BRITAIN—COAL MINES AND MINING
Reorganization and construction of mines in Great Britain and the U. S. A. Ugol' prom. no. 5:76-81 S-O '62
Reorganization of coal mines in England and Scotland. V. S. Petrichenko. Ugol' Ukr. 6 no. 5:45-47 My '62.

GREAT BRITAIN—EXHIBITIONS
British exhibition of conveying and *hoisting machinery.* V. S. Kireev. Mekh. i avtom. proizv. 16 no. 10:51-56 O '62.

GREAT BRITAIN—GOVERNMENT OWNERSHIP
"Theoretical" stratagems of the British right-wing Laborites concerning the transition to socialism. L. V. Mochalov. Vest. Mosk. un. Ser. 9 Ist. 17 no. 6:16-31 N-D '62

GREAT BRITAIN—LABOR PARTY
"Theoretical" stratagems of the British right-wing Laborites concerning the transition to socialism. L. V. Mochalov. Vest. Mosk. un. Ser. 9 Ist. 17 no. 6:16-31 N-D '62.

GREAT BRITAIN—MANUSCRIPTS, ETHIOPIC
"Catalogue of Ethiopian manuscripts in the Cambridge University Library" [in English] by E. Ullendorf and S. G. Wright. Reviewed by V. M. Ivanova. Nar. Az. i Afr. no. 6:207-208 '62

GREAT BRITAIN—POLITICS AND GOVERNMENT
New parliament in England. Blok. agit. [for Ukr.] no. 30:53-57 O '59.

GREAT BRITAIN—RUSSIAN STUDIES
Political jobbery instead of scholarly analysis. Andrew Rothstein. Ist. SSR 6 no. 6:201-203 N-D '62.

GREAT BRITAIN—TELECOMMUNICATION—EMPLOYEES
Meeting of a Soviet delegation with British telecommunication workers. Vest. aviaz. 22 no. 10:31-32 O '62.

GREAT BRITAIN—TRADE UNIONS
British workers and the "Common Market." Walter Allan. Vsem. prof. dvizh. no. 10:8-11 O '62.

GREAT BRITAIN—TRADE UNIONS—CONGRESSES
Sidestepping vital problems. B. Averbanov. Sov. profsoiuzy 18 no. 21:43-44 N '62.

GREAT BRITAIN—WORLD WAR, 1939-1945—DIPLOMATIC HISTORY
"British foreign policy in the Second World War" [in English] by Llewelyn Woodward. Reviewed by A. Nekrich. Mezhdunar. zhizn' 9 no. 12:127-130 D '62.

GRECO-ROMAN POTTERY see Pottery, Greco-Roman

GREECE—ANTIQUITIES
Archaeological discoveries in Greece in 1960 and 1961. L. P. Marinovich. Vest. drev. ist. no. 4:137-150 '62.

GREECE—HISTORY
Olympic games and the Tyrants. K. K. Zel'in. Vest. drev. ist. no. 4:21-29 '62.

GREECE—ORTHODOX EASTERN CHURCH
Pilgrimage of a few days. Archimandrite Pitirim. Zhur. Mosk. Patr. no. 9:38-40 S '62.

GREECE—POLITICAL PRISONERS
A letter from Aegina. Manolis Glezos. Nov. vrem. 20 no. 48:7 N '62.

GREECE—REWARDS (PRIZES, ETC.)
A. Pulianos was awarded the Kh. Kumaris prize. G. L. Khit. Sov. etn. no. 5:151-152 S-O '62.

GREEK DRAMA (TRAGEDY)—HISTORY AND CRITICISM
Present-day views on the origin of ancient Greek tragedy. S. IA. Shefnman-Topshtein. Vest. drev. ist. no. 4:155-165 '62.

GREEK ORATORS see Orators, Greek

GREEKS—ANTHROPOMETRY
Features of the anthropological type of the Greeks of Asia Minor resettled in *Greece and Georgia.* A. N. Pulianos. Krat. soob. Inst. etn. no. 37:81-85 '62.

GREEN MANURING see subdivision under Georgia

GREENHOUSE MANAGEMENT
Permanent unit for spraying plants in greenhouses. M. K. Vorob'ev, F. N. Sazhin, E. D. Galushko. Zashch. rast. ot vred. i bol. 4 no. 6:23-24 N-D '59.
Steaming of soil in greenhouses to control the root knot nematode *Meloidogyne marioni.* A. S. Popovich, A. N. Voitenko. Zashch. rast. ot vred. i bol. 4 no. 6:34-35 N-D '59.

GREENHOUSES
Hothouses and hotbeds made of precast *reinforced concrete.* D. Topchii, B. Mylashenko. Sil'. bud. 12 no. 9:10-11 S '62.

GREENLING see subdivision under Pacific Ocean

GREENS, EDIBLE see subdivision under Ukraine

GREGARINA
Gregarina (genus Diplocystis) in the body cavity of a fish [with summary in English]. A. F. Ivanov. Zool. zhur. 41 no. 7:1095-1099 Jl '62.

GRINDING AND POLISHING
Automatic device for combined grinding. A. V. Vysotskii. Izm. tekh. no. 11:14-15 N '62.
Diamond machining of cutting tools equipped with hard alloys. A. M. Karatygin, B. S. Kolchugov. Vest. mashinost. 42 no. 11:47-49 N '62.
Kamyshev, P. A. [Practice of contour grinding] Praktika profil'nogo shlifovaniia, iz opyta instrumental'shchikov Gor'kovskogo avtozavoda. Pod red. E. I. Fel'dshtein. Izd. 3., dop. [Gor'kii] Gor'kovskoe knizhnoe izd-vo, 1962. 103 p.
Strengthening of a metal surface during mechanical polishing. V. I. Shubalin, T. V. Ivanova. Zav. lab. no. 11:1375 '62.

GRINDING MACHINES
The BZ-71 semiautomatic machine for grinding sharply pointed cutters. L. I. Simkin. Mashinostr. ekon. inform. Gos. nauch.-issl. inst. nauch. i tekh. inform. no. 11:57-59 '62.
Calculating dimensions of the operating and follow-up rollers of the LSh-1 machine tools. B. S. Ittinzev, N. S. Trofanskii. Izv. vyn. uchеb. zav., mashinostr. no. 6:107-111 '62.
Machine for lapping flat and spherical surfaces of pump and injector unit parts. L. Pain. Avt. traktorn. dvigat. 25-27 O '62.
The 3B016 lapping machine. L. L. Savinov. Mashinostr. ekon. inform. Gos. nauch.-issl. inst. nauch. i tekh. inform. no. 11:59-60 '62.

GRINDING MACHINES—ATTACHMENTS
Attachment for grinding clutch cams on a cylindrical grinding machine. B. F. Shevtsov. Stan. i instr. 33 no. 11:41 N '62.

GRINSHTEIN, ALEKSANDR MIKHAILOVICH, 1881-
Aleksandr Mikhailovich Grinshtein. F. M. Zolotar. Zhur. nevr. i psikh. 62 no. 6:935-937 '62

GRIPPE see Influenza

GRISEOFULVIN
New trends in the treatment of fungal diseases of the skin. A. M. Arievich and others. Nov. med. 26 no. 6:52-56 Je '62.

GRODNO—MEDICINE, INDUSTRIAL
Medical service for workers in industrial enterprises in Grodno; data for a five year period. V. S. Zaitsenok, V. V. Gorizontov, N. N. Safina. Zdrav. Bel. 8 no. 7:6-9 Jl '62.

GRODNO PROVINCE—FEEDS
Check the accuracy of receipted feeds once more. M. I. Stasevich. Uchet i fin. v kolkhozakh i sovkhozakh 10 no. 10-11 N '62.

GRODNO PROVINCE—PUBLIC HEALTH ADMINISTRATION
Role of organizational methodological units in the further improvement of medical care. N. N. Mets. Zdrav. Bel. 7 no. 11:42-44 N '61.

GROMWELL
Anahormones. Report No. 3: Inactivation of the mammary cyto-stimulating hormone by Lithospermum officinale extract. The phenomenon of competition. V. M. Inshman, L. N. Simanovskii. Vop. onk. 8 no. 8:116-117 '62.

GROSS NATIONAL PRODUCT
(see also subdivision under United States)
Effect of the economic relations of a Union Republic on the volume of its national product and national income. L. Taranov. Nauch. dokl. vys. shkoly, ekon. nauki 5 no. 6:30-48 '62.
Preparing a balance of the national product in a Union Republic. L. A. Taranov. Och. po sovr. sov. i zarub. ekon. no. 3:3-19 '62.

GROUPS, THEORY OF
Categories of group representations and the problem of the classification of irreducible representations. I. M. Gel'fand, M. I. Graev. Dokl. AN SSSR 148 no. 4:757-760 O '62.
Conditions for local finiteness of monolayer p-groups. S. N. Chernikov. Dokl. AN SSSR 147 no. 1:49-52 N '62.
Embedding theorems and maximal subgroups of finite groups. L. A. Shemetkov. Dokl. AN SSSR 147 no. 1:53-56 N '62.
Finite ring groups. G. I. Kats. Dokl. AN SSSR 147 no. 1:21-24 N '62.
Group of motions and the endomorphisms of affinely connected space. M. A. Ulanovskii. Mat. sbor. 58 no. 3:281-290 N '62.
Imbedding of subgroups. E. A. Rusakov. Dokl. AN SSSR 147 no. 2:301-302 N '62.

GROUPS, THEORY OF (Continued)

Monotone processes of bilateral approximations in a partially ordered convergence group. S. N. Slugin. Dokl. AN SSSR 147 no. 1:31-37 N '62.

Nonsimplicity and solvability of finite groups. P. I. Trofimov. Sib. mat. zhur. 3 no. 6:876-881 N-D '62.

On Hall's theorem. L. A. Shemetkov. Dokl. AN SSSR 147 no. 2:321-322 N '62.

Periodic matrix groups. M. I. Kargapolov. Sib. mat. zhur. 3 no. 6:834-838 N-D '62.

Periodic subgroups of solvable matrix groups. D. A. Suprunenko. Dokl. AN SSSR 147 no. 2:310-312 N '62.

A property of semisimple classes of groups. A. L. Shmel'kin. Sib. mat. zhur. 3 no. 6:950-951 N-D '62.

Radicals in the theory of groups. A. G. Kurosh. Sib. mat. zhur. 3 no. 6:912-931 N-D '62.

Semisimple classes of groups. Chan Van-hao [Ch'ang Wang-hao]. Sib. mat. zhur. 3 no. 6:943-949 N-D '62.

Theory of radicals in groups. K. K. Shchukin. Sib. mat. zhur. 3 no. 6:932-942 N-D '62.

Unitary representations in a G/Γ space where G is a group of n-order real matrices and Γ is a subgroup of integer matrices. I. M. Gel'fand, I. I. Piatetskii-Shapiro. Dokl. AN SSSR 147 no. 2:275-278 N '62.

Unitary representations in homogeneous spaces with discrete stationary groups. I. M. Gel'fand, I. I. Piatetskii-Shapiro. Dokl. AN SSSR 147 no. 1:17-20 N '62.

GROUTING

Function of time in grouting soil. I. I. Vakhrameev. Izv. vys. ucheb. zav., gor. zhur. 5 no. 10, 3-10 '62.

GROWTH INHIBITING SUBSTANCES

Chemical means for plant growth regulation. N. S. Turkova. Vest. Mosk. un. Ser. 6: Biol., pochv. 17 no. 5: 3-16 S-O '62.

GROWTH PROMOTING SUBSTANCES

Chemical means for plant growth regulation. N. S. Turkova. Vest. Mosk. un. Ser. 6: Biol., pochv. 17 no. 5: 3-16 S-O '62.

Derivatives of meliliotic and phloretic acids and their effect on the growth of plants. A. N. Kost, K. K. Bragina, B. M. Sheiman. Vest. Mosk. un. Ser. 6: Biol., pochv. 17 no. 5:34-41 S-O '62.

Effect of γ-keto acids and their derivatives on plants. K. K. Bragina, A. N. Kost, N. A. Bazilevskaia. Vest. Mosk. un. Ser. 6: Biol., pochv. 17 no. 5:27-33 S-O '62.

Effect of the "TU" growth promoter on the yield and ripening of tomatoes grown without transplantation and irrigation. Visnyk sil'hosp. nauky 5 no. 5 102-104 My '62.

GROZNYY—SCORPIONS

Nidus of scorpions in a city. A. K. Politov. Priroda 51 no. 11:119 N '62.

GUANIDINE

Derivatives of aminoguanidines and their transformations. Part 1. Derivatives of 1-alkyl-1-aminoguanidines and 1-alkyl-3-substituted 1, 2, 4-triazoles. G. I. Chipen, V. IA. Grinshtein. Zhur. ob. khim. 32 no. 11:3611-3617 N '62.

GUERRILLA WARFARE

Covering a continent. A. Leonidov. Nov. vrem. 20 no. 39:12-15 S '62.

GUIANA—MAPS

Russia (1923- U. S. S. R.) Glavnoe upravlenie geodezii i kartografii. [Brazil and Guiana; 1:5,000,000] Brazilliia, Gviana; 1:5,000,000. Moskva, Gos. izd-vo geogr. lit-ry, 1962.
— — —[Text] 1962. 51 p.

GUINEA—MAPS

Russia (1923- U. S. S. R.) Glavnoe upravlenie geodezii i kartografii. [Guinea; 1:1,250,000] Gvineia, 1:1,250,000. Moskva, Gos. izd-vo geogr. lit-ry, 1962.
Gornung, M. B. [Text] 18 p.

GUMS AND RESINS, SYNTHETIC see Resins, Synthetic

GUN FIRE CONTROL see Fire control (Gunnery)

GUPPIES

Chronic effect of increased concentrations of uranium on the fertility and survival of guppy (Lebistes reticulatus). M. M. Telitchenko. Biul. MOIP. Otd. biol. 67 no. 3: 156-157 My-Je '62.

GURIA—GEOLOGY, STRATIGRAPHIC

Analogues of Bosphorian strata of Kamysh-Burun in Guria. A. G. Eberzin, M. F. Dzvelaia. Dokl. AN SSSR 146 no. 4:900-902 O '62.

GUR'YEV PROVINCE—STOCK AND STOCKBREEDING

Propagandizing the progressive practices of stock farmers. S. Uzhkenov. Part. zhizn' Kazakh. 32 no. 11:20-24 N '62.

GYMNASTICS see subdivision under Ukraine

GYMNASTICS—STUDY AND TEACHING

Recommendations for improving the training of gymnasts in the junior categories. M. I. Goran'ko. Teor. i prak. fiz. kul't. 25 no. 8:50-52 Ag '62.

GYMNASTICS, MEDICAL see Exercise therapy

GYNECOLOGICAL RESEARCH

Deciphering of a "genetic code." S. F. Kozubovs'kyi. Avtomatyka 7 no. 5:50-61 '62.

GYNECOLOGY

Basic tasks in rural medical services for women [with summary in English]. V. A. Pokrovskii. Vop. okh. mat. i det. 7 no. 7 72-75 Jl '62.

Efficacy of mud therapy in changing tissue hydrophilia in gynecological patients. I. S. Rozovskii. Vop. kur., fizioter. i lech. fiz. kul't. 27 no. 2 141-142 Mr-Ap '62.

Experiments supporting the use of ultrasound in gynecology. D. Kamocsay. Vop. kur., fizioter. i lech. fiz. kul't. 27 no. 2:131-135 Mr-Ap '62.

"Importance of vitamins and nitrofurans in obstetrics and gynecology" by R. L. Shub. Reviewed by N. Stolygvo. Izv. AN Latv. SSR no. 7 138-140 '62.

Intestinal obstruction following gynecological diseases and operations. N. S. Futornyi. Akush. i gin. no. 1 91-94 '62.

Treatment of gynecological diseases at Archman health resort. V. L. Ufatkin. Zdrav. Turk. 6 no. 2 20-23 Mr-Ap '62.

GYNECOLOGY—CONGRESSES

Vsesoiuznyi s"ezd akusherov ginekologov, 10th, Moskva, 1957. [Transactions of the Tenth All-Union Congress of Obstetricians and Gynecologists, December 11-18, 1957 in Moscow] Trudy. Sost. G. IA. Molchanova, O. K. Nikonchik, M. D. Piradova. Moskva, Medgiz, 1961. 189 p.
(DNLM)

GYNECOLOGY—STATISTICS

Causes of death in gynecological diseases. V. I. Rodionzhina, A. F. Smirnova. Vop. okh. mat. i det. 7 no. 4. 62-66 Ap '62.

GYPSUM

(see also subdivision under Caucasus, Northern)

Induction period of structure formation in the solidification of hemihydrated gypsum. E. A. Amelina, E. E. Segalova, P. A. Rebinder. Dokl. AN SSSR 147 no. 2 392-394 N '62.

Optimum conditions for obtaining calcium sulfide from gypsum. A. K. Kirfanov, P. A. Pazdnikov, L. K. Udalov. [Shor. trud.] Nauch.-issl. inst. met. no. 4:135-138 '61.

Organize the production of high-strength gypsum. M. S. Turov. Stroi. i arkhit. Len. 23 no. 12 19-20 D '61.

Using gypsum in rural construction. A. Birkengof. Sel'. stroi. no. 10:21-22 O '62.

GYPSUM PRODUCTS

(see also subdivision under Armenia)

Redesigning a shop making gypsum-concrete slabs. I. S. Zheludev, V. M. Martynov. Stroi. mat. 8 no. 10 25-26 O '62.

GYPSUM PRODUCTS—DRYING

The optimum conditions for drying gypsum-concrete slabs. T. F. Tagantseva. Trudy NIISF no. 1, 22-33 '62.

GYPSY MOTH

Effect of temperatures above freezing point on different geographical populations of the brown-tail moth Euproctis chrysorrhoea L. and gypsy moth Lymantria dispar L. (Lepidoptera, Orgyidae) [with summary in English]. G. A. Pantiukhov. Ent. oboz. 41 no. 2:274-284 '62.

GYROSCOPE

Motion of a not totally symmetrical gyroscopic pendulum. P. M. Alabuzhev, I. IA. Shpigel'burd, A. N. Borisova. Izv. vys. ucheb. zav.; mashinostr. no. 6: 64-70 '62.

Physical image of the motion of the gyroscope in the Lagrange case. G. I. Boldinskii, A. I. Zel'tin. Sbor. nauch.-issl. rab. TTI no. 12:227-231 '61.

Use of asymptotic methods in studying gyroscopic systems. L. N. Slezkin. Dokl. AN SSSR 147 no. 1 57-59 N '62.

HADDOCK

Observations on the food of haddock in an aquarium. R. IA. TSeeb. Trudy MMBI no. 4:153-161 '62.

HAFNIUM

Extractive separation of zirconium and hafnium. G. E. Kaplan and others. Ekstr., teor., prim., app. no. 1: 117-124 '62.

HALIBUT see subdivision under Bering Sea

HALL EFFECT

Characteristics of the Hall effect in tin in a high effective magnetic field [with summary in English]. V. N. Kachinskii. Zhur. eksp. i teor. fiz. 43 no. 4 1158-1163 O '62.

Concerning some applications of galvano-magnetic effects in semiconductors [with summary in English]. M. E. Mazurov. Avtom. i telem. 23 no. 10:1352-1361 O '62.

HALLS OF RESIDENCE see Dormitories

HALLUCINATIONS AND ILLUSIONS

Psychogenic variant of Kandinskii's psychic automatism syndrome [with summary in French]. B. L. Immerman. Zhur. nevr. i psikh. 61 no. 10:1538-1545 '61.

Some structural characteristics of psychosis (acute alcoholic hallucinosis) [with summary in French]. A. S. Bobrov. Zhur. nevr. i psikh. 62 no. 6:897-902 '62.

HALOGEN COMPOUNDS

Alkylation of an aromatic nucleus by dihalo compounds. Part 4. Reactions of 1,4-chlorobromobutane, 1,3-chlorobromopropane, and 2-methyl-1,2-dibromopropane with benzene. L. V. Bugreva, I. P. TSukervanik. Zhur. ob. khim. 32 no. 11 3575-3579 N '62.

HALOGENS

Substitution of the halogen in azo compounds. Part 5: Effect of the nature of metal. B. I. Stepanov, N. A. Rozanel'skaia, V. F. Travel'. Zhur. ob. khim. 32 no. 11:3737-3741 N '62.

HAND

Locomotion in primates as related to the development of the hand and the erect carriage in man. L. I. Danilova. Mat. z antr., Ukr. no. 2, 21-36 '62.

HANDICAPPED CHILDREN—EDUCATION

Conference on defectology. Sov. pedag. 26 no. 8 154-156 Je '62.

Schools for mentally handicapped children need attention. V. Vasil'eva. Nar. obr. no. 12 77-15 D '62.

HANSEATIC LEAGUE

"The founding of Riga and the early history of Hanseatic merchants" [in German] by Friedrich Bennighoven. Reviewed by A. L. Khoroshkevich. Ist. SSR 6 no. 6. 193-199 N-D '62.

HANSEN'S DISEASE see Leprosy

HARBORS

Combined planning of fleet and harbors. O. P. Zykova. Trudy TSNIIMF no. 29 69-80 '60.

Laboratory hydraulic studies of seaports. A. S. Ofitserov. Trudy Gidrav. lab. VODGEO no. 9:141-176 '62.

Methods of determining the optimum traffic capacity of marine roadstead points. L. M. Gus'kov. Trudy TSNIIMF no. 29 89-96 '60.

Reactive power compensation in electric circuits of plants and harbors. B. Pain, S. Seleznev. Rech. transp. 21 no. 11 28-29 N '62.

HARBORS—COLD WEATHER OPERATION

Making use of harbors subject to freezing. S. Neiman. Rech. transp. 21 no. 11 59 N '62.

HARBORS—EQUIPMENT AND SUPPLIES

Eliminate structural defects in harbor machinery. V. Sharkov. Rechtransp. 21 no. 11:52 N '62.

HARD FACING

Erosion resistant alloys for built-up welding of hydraulic turbine components. V. A. Lapidus. Energomashinostroenie 8 no. 10, 34-37 O '62.

Hard facing of iron mill rolls with a ribbon electrode. IU. M. Belov, N. P. Kashevskii. Avtom. svar. 15 no. 10 71-77 O '62.

Hard facing the plates of press-molds for the manufacture of refractory bricks. V. S. Popov. Avtom. svar. 15 no. 10, 76-80 O '62.

Svoiopolianskii, V. I. [Electric-slag hard facing] Elektroshlakovaia naplavka. [Stalingrad] Stalingradskoe izd-vo, 1961. 63 p.

HARD FACING—CONGRESSES

Conference on the hard facing of iron mill rolls and other parts of metallurgical equipment. B. F. Konikov. Met. i gornorud. prom. no. 2:79 Mr-Ap '62.

HARDNESS

Durometer for determining the hardness of rubber in international units. V. V. Ovchinnikov, G. M. Bartenev, R. K. Gol'neva. Kauch. i rez. 21 no. 9:55-58 S '62.

Improved techniques of hardness measurement. P. U. Markov. Zav. lab. 28 no. 8:1017-1018 '62.

Relationship between the limit of shearing strength and the hardness of steel. V. I. Egiz. Zav. lab. 28 no. 8: 978-981 '62.

HARDNESS—TESTING

Device for the control of the hardness of malleable cast iron parts. P. I. Rusin and others. Lit. proizv. no. 8: 38-39 Ag '62.

Modulus of indentation and the hardness number determined by the pyramid impression. G. I. Pogodin-Alekseev. Metalloved. i term. obr. met. no. 8:46-48 Ag '62.

Modulus of plastic indentation as hardness characteristic. E. G. Dolmatov. Metalloved. i term. obr. met. no. 8:45 Ag '62.

New method of calculating the hardness tested by pyramid. B. I. Pilipchuk. Metalloved. i term. obr. met. no. 8:44-45 Ag '62.

Testing of Br AZhMts 10-3-1, 5 bronze hardness. V. F. Kuznetsov. Metalloved. i term. obr. met. no. 8:46 Ag '62.

HARDWOODS see subdivision under Vologda Province

HARES

Methods of the census of the white rabbit in hunting grounds and its ecologic foundation. E.P. Pivovarova. Vop.ekol. 4,140-141 '62.

HARMONIC ANALYSIS

The problem of approximate harmonic analysis N.A. Perlov. Stroi. mekh. i rashch soor. 4 no.5 33-35 '62

HARMONIC FUNCTIONS

Evaluation of a polyharmonic function and its derivatives in a circle near the boundary of its domain A S Pokht Dokl AN SSSR 147 no 1 41-44 N '62.

On a conjugation problem for a sectorial region A IA. Chilap. Zhur. vych mat i mat. fiz 2 no 6:1054-1061 N-D '62.

Some properties of harmonic functions in n-dimensional space with singularities on the boundary of the region N.E Tovmasian Sib mat. zhur. 3 no 6:870-875 N-D '62.

Subharmonic functions of completely regular growth in n-dimensional space. V.S.Azarin. Dokl.AN SSSR 146 no.4 743-746 O '62.

HARMONY

More on IA Girshman's book Sov muz 26 no 9 138-139 S '62

HARVESTING see subdivision under Kokchetav Province

HARVESTING MACHINERY

(see also subdivision under Virgin Territory)

In a few words. N Nechunaev, M. Grab. Sel'. mekh. no 4:46 '62.

Mechanization of vegetable harvesting [with summaries in English, German, and French] A A Kolomiets Vest sel'khoz nauki 7 no 9 91-95 S '62.

Three-phase grain harvest IUrii Al'perovich Nauka i zhizn' 29 no 5 33-35 My '62

ZHBA-3, 5 mounted harvester. I. N Vlasov Zemledelie 24 no 6 64-65 Je '62.

HARVESTING MACHINERY—EQUIPMENT AND SUPPLIES

Bank indicator for harvesters. M. Zakarian. Sel'. mekh no.4;28 '62

HATS

Use of new trimming materials in the manufacture of fur hats. G.I Zaseteskaia. Kozh.-obuv prom. 1 no 11:12-13 N '62.

HAWKS

Hawk's mistake. S Turov. Nauka i zhizn' 29 no 5 74 My '62

HAWTHORN see subdivision under Moscow

HEADACHE

Characteristics of headache in those suffering from hypertension according to biotron data [with summary in English]. IU. K. Lushchin. Vrach. delo no. 8,37-42 Ag '62.

HEALTH EDUCATION

Dissemination of hygiene information at the level of current public health problems S M. Shukhman Zdrav. Bel 8 no 2,50-52 F '62.

Health bulletins in a hospital A. Sudnik Zdrav. Bel 7 no.11 76 N '61.

Zalikin, G.A. [Health education of students in boarding schools] Gigienicheskoe vospitanie uchashchikhsia v shkolakh-internatakh; posobie dlia uchitelei i vospitatelei shkol-internatov. Moskva, Uchpedgiz, 1962. 133 p.

HEALTH RESORTS, WATERING PLACES, ETC.

(see also subdivision under Abkhazia; Berezovo, Kharkov Province; Caucasus, Georgia; sea also Archman; Zheleznovodsk)

Annual meeting of the Central Institute of Balneology and Physiotherapy. K. E. Plotushchikhin, A.A. Bogoslovskii. Vop. kur., fizioter. i lech. fiz. kul't. 27 no. 2: 183-186 Mr-Ap '62.

Compiling a bioclimatic description of a health resort. S. M. Chubinskii. Vop. kur., fizioter. i lech. fiz. kul't. 27 no. 2:123-128, Mr-Ap '62.

"Infectious lumbosacral radiculoneuritis and its spa treatment" by S. M. Petelin Reviewed by Kh. M. Freidin, Vop. kur., fizioter. i lech. fiz. kul't. 27 no. 2.178-180 Mr-Ap '62.

Kurashov, S.V., L.G. Gol'dfail', and G.N. Pospelova, eds. [Health resorts of the U.S.S.R.] Kurorty SSSR. Moskva, Medgiz, 1962. 797 p.

HEART—ABNORMITIES AND DEFORMITIES

Diverticulum of the left ventricle of the heart in a child. D.G. Ksenzov. Vop. okh. mat. i det. 7 no.7;78-79 Jl '62.

HEART—CANCER

Primary angiosarcoma of the heart. M. O. Makhachev. Vrach. delo no. 8;136-137 Ag '62.

HEART—DISEASES

Determining the minute volume of the heart by means of catheterization in acquired heart defects. V. E. Dashkovskii. Vrach. delo no. 8;60-63 Ag '62.

Emotional disorders in patients with acquired heart defects in connection with their surgical treatment [with summary in French]. V. V. Kovalev. Zhur. nevr i psikh 62 no. 6;910-915 '62.

Late results of commissurotomy in heart defects [with summary in English]. M. V. Danilenko, R. I. Mikunis Vrach. delo no. 8;56-60 Ag '62.

HEART—INFARCTION

(see also subdivision under Moscow)

Changes in the blood and urine chlorides in acute myocardial infarct. V. A. Borzov. Sov. med. 26 no. 10 17-21 O '62.

Combination of myocardial infarct with hemorrhagic pancreatitis. M. L Aviasor, M. N Berezhnitskii, L. A. Shvedenko. Vrach. delo no. 8;133 Ag '62

Correlation of the level of prothrombin and fibrinogen in the blood plasma in stenocardia and myocardial infarct [with summary in English]. L. P. Ermilov. Sov. med. 26 no. 10 14-17 O '62.

Mortality in myocardial infarct. R. P. Stambol'tsian. Trudy Erev. med. inst. no. 11:235-239 '60.

HEART—MUSCLE

Variation in nucleic acid content during the healing of an injured myocardium. M P. IAvich Dokl AN SSSR 147 no. 1;248-251 N '62.

HEART—SOUNDS

Evaluation of methods of mitral commissurotomy by means of the phonocardiographic examination of patients [with summary in English] S. A. Kolesnikov, L. M. Fitileva Vest khir. 87 no 11,46-51 N '61.

HEART—SURGERY

Postoperative period in patients with acquired heart defects [with summary in English]. P. A. Kupriianov and others. Khirurgiia no. 1 23-30 '62.

Use of hypothermia in cerebral edema after an operation on the heart with artificial blood circulation [with summary in English]. A.S. Libov and others. Vest. khir. no.5 78-81 '62.

HEART—WOUNDS AND INJURIES

Cardiac injuries [with summary in English]. V I. Parmenov. Khirurgiia no 1 38-45 '62.

Heart lesions in chest injuries [with summary in English]. S. G. Moiseev, A. I Bochenkova. Sov. med. 26 no. 10 21-27 O '62.

Penetrating wounds of the heart in thoraco-abdominal injuries. M. V. Portnoi Khirurgiia no 1,126-128 '62

Petrovskii's operation in a case of cardiac aneurysm, caused by a wound. V. A. Smirnov Khirurgiia no. 1: 132-134 '62.

Suture of a heart wound with the patient in a terminal state. S. IA. Epshtein, I. N. Grishin, E. B. Borisovich. Zdrav. Bel. 8 no. 7:75 Jl '62.

Suture of penetrating wounds of the heart. A. P. Infarovich. Zdrav. Bel. 8 no. 7:74-75 Jl '62.

Two cardiac wounds with opened cavities of both ventricles. L. L. Gugushvili, V. A Nevskii, IU. E. Sperber. Khirurgiia no. 1:128-129 '62.

Wounds of the heart and pericardium in children [with summary in English]. N. G Dam'e. Vest. khir. no. 5: 27-34 '62.

HEART BEAT

Duration of the phase of the cardiac cycle during rest and following physical stress in young children. K. F. Kun. Teor. i prak. fiz. kul't. 25 no. 8;87-89 Ag '62.

HEART FAILURE

Role of pharmacological preparations in restoring cardiac function following prolonged anemia and cardiac arrest. IU. M. Gal'perin. Farm. i toks. 24 no. 6;744-748 N-D '61

HEAT—CONDUCTION

Convergence of the fractional step method for the heat conduction equation. A. A. Samarskii. Zhur. vych. mat. i mat. fiz. 2 no. 6;1117-1121 N-D '62.

Heat conductivity of a plane-parallel layer [with summary in English]. S. M. Kolliar. Inzh.-fiz. zhur. 5 no. 8;97-100 Ag '62.

Heat conductivity of a solid cylinder [with summary in English]. A. F. Khrustalev. Inzh.-fiz. zhur. 5 no. 8; 101-105 Ag '62.

Steady-state temperature distribution in a flat wall heated by electric current [with summary in English]. A. K. Leont'ev. Inzh.-fiz. zhur. 5 no. 8;106-107 Ag '62.

HEAT—PHYSIOLOGICAL EFFECT

Characteristics of the reactions of the inhabitants of mountainous localities to high environmental temperature F. T. Dzhumaev. Zdrav. Tadzh. 9 no. 4;23-25 Jl-Ag '62.

Congruity between the heat resistance of protoplasm proteins and the temperature conditions of the life of a species. A. A. Kusakina. Vop. ekol. 4;45-16 '62.

Dynamics of the absorption of radioactive iodine by the thyroid gland during the short-term action of high temperature [with summary in English]. F. F. Sultanov. Probl. endok. i gorm. 8 no. 4;51-52 Jl-Ag '62.

IUnusov, A. IU. [Physiology of the blood in man and animals in a hot climate] Fiziologiia krovi cheloveka i zhivotnykh v zharkom klimate. Tashkent, Medgiz, UzSSR, 1961. 207 p.

IUnusov, A. IU., and G. F. Korot'ko. [Functions of the digestive organs in a hot climate] Funktsii organov pishchevareniia v zharkom klimate. Tashkent, Medgiz, UzSSR, 1962. 223 p.

HEAT—RADIATION AND ABSORPTION

Angular and spectral distribution of radiation reflected by the earth into space. M.S. Malkevich. Isk. sput. Zem. no. 14;30-48 '62.

Angular distribution of emerging heat radiation in different spectral regions. K.IA. Kondrat'ev, K.I. IAkushevskaia. Isk. sput. Zem. no. 14 13-29 '62.

Experimental method for determining the integral coefficient of beam absorptivity for a furnace medium [with summary in English] V. S. Mel'nikov, F. IA Blum. Inzh.-fiz. zhur. 5 no. 8;31-39 Ag '62.

Fluxes of emerging long-wave radiation on differently oriented surfaces. K.IA. Kondrat'ev, M.P. Fedorova. Isk. sput. Zem. no 14 121-136 '62.

Measurement of the emerging heat radiation of the earth from a high-altitude geophysical automatic station during the total solar eclipse of February 15, 1961. I. P. Aver'ianov and others. Isk. sput. Zem. no. 14 49-58 '62.

Measurements of the radiation balance from the Explorer-7 satellite. M.S. Malkevich, V.M. Pekina, L.I. IUrkova. Isk. sput. Zem. no. 14;105-132 '62.

Processing and analyzing some data obtained by the measurement of components of the radiation balance of the system "earth's surface-atmosphere" from the Tiros-2 satellite. K.IA. Kondrat'ev, M.P. Fedorova. Isk. sput. Zem. no. 14 95-104 '62.

Relationship between the earth's and troposphere's ascending radiation and the temperature field. S.M. Kolesov. Isk. sput. Zem. no. 14;137-141 '62.

Temperature distribution in round and rectangular plates cooled by radiation in a vacuum at a given temperature along the plate's contour [with summary in English]. A. P. Bukhovatov, V. IA. Frenkel'. Inzh.-fiz. zhur 5 no. 8;78-80 Ag '62.

Vertical profile of the radiation balance and its components in free atmosphere during daytime. K.IA. Kondrat'ev, G.N. Gaevskaia, G.A. Nikol'skii. Isk. sput. Zem. no 14 86-94 '62.

HEAT—TRANSMISSION

Air as heat carrier for the sterilization of canned food in glass containers. M. IA. Kikin, N. V. Morozov, M. S. Aminov. Izv. vys. ucheb. zav., pishch tekh. no 4;128-132 '62.

Burylev, N.G. [Thermal conditions of open-hearth furnaces] Teplovye rezhimy martenovskikh pechei. Sverdlovsk, Metallurgizdat, 1962. 184 p. [MICROFILM]

Calculating the overheating of cast iron and position of the melting zone in cupolas. A.V. Kalbichev, V.P. Chernobrovkin. Izv. vys. ucheb. zav., chern. met. 5 no. 10;137-148 '62.

Generalization of experimental data on heat transfer in liquid metals. P. K. Kitaiev. Atom. energ. 13 no. 5 401-404 N '62.

Heat transfer and hydraulic resistance during the lengthwise flow of gas around transverse fin tubes. IU. V Petrovskii, V. G. Fastovskii, L. I. Rotzen. Khim. prom. no. 6;433-440 Je '62

Heat transfer in a turbulent liquid flow at large Prandtl numbers and varying viscosity [with summary in English]. TSai Ko-cen [Ts'ai K'uo-ch'eng]. Inzh.-fiz. zhur 5 no. 8;10-16 Ag '62.

Heat transfer in turbulent air flow in an annular gap between rotating coaxial cylinders [with summary in English]. S. I. Kosterin, IU. P. Klimt'ev. Inzh.-fiz. zhur. 5 no. 8;3-9 Ag '62.

Local and average heat emission coefficient during the condensation of steam on the internal surface of a bank of vertical tubes. V. T. Buglaev. Izv. vys. ucheb. zav., energ. 5 no. 10 86-91 O '62

The problem of studying heat and mass exchange on the surface of exterior elements. I. S. Mel'nikov. Trudy NIISF no. 1;5-17 '62.

Study of the thermal resistances of multilayer elements A. D. Belonosov, A. V. Ermolenko. Trudy NIISF no. 1 18-21 '62.

Use of compressed air for the acceleration of thermal processes in open-hearth furnaces. N. I. Kokarev and others. Izv. vys. ucheb. zav.; chern. met. 5 no. 10 149-154 '62.

HEAT—TRANSMISSION—CONGRESSES

International Conference on Heat Transfer. L.L. Vasil'ev. Inzh.-fiz. zhur. 5 no. 8;140-144 Ag '62.

HEAT CONTENT see Enthalpy

HEAT ENGINEERING

Automatic setup for establishing quasi-stationary heat conditions [with summary in English]. V. V. Vlasov Inzh.-fiz. zhur. 5 no. 8;90-92 Ag '62.

HEAT ENGINEERING—LABORATORY MANUALS

Mihovk, E. P., and V. O. IEres'ko. [Laboratory work in general heat engineering] Laboratornii raboty z zahal'noi teplotekhniky. [L'viv] Vyd-vo L'vivs'koho univ., 1960. 154 p.

HEAT EXCHANGERS

Dynamic characteristics of a tubular heat exchanger. A. A. Shevlakov, R. V. IAkovleva. Avtom. reg. aviatekhn. no. 4;5-18 '62.

Graphic analysis method of heat calculation for plate-type heat exchangers. V. V. Barsov. Khim. prom. no. 9;663-666 S '62.

HEAT IN ANIMALS see Estrus

HEAT OF ADSORPTION

Variation of the spectrum of surface hydroxyl groups and the heat of adsorption on silica surface V IA. Davydov, A V. Kiselov, V. I Lygin Dokl AN SSSR 147 no 1, 131-134 N '62

HEAT OF EVAPORATION

Specific heats of evaporation of moisture from disperse bodies. V.M. Kazanskii Dokl. AN SSSR 146 no 1: 860-863 O '62.

HEAT REGENERATORS

Potentialities for greater efficiency in the use of fuel and power resources in ferrous metallurgy M N. Seredenko, N. A Shapovalov, N S Kulita, Stal' 22 no 9, 850-852 S '62.

Semenenko, N.A. [Secondary power resources and the combination of industrial and power-engineering interests in metallurgy] Vtorichnye energoresursy i energotekhnologicheskoe kombinirovanie v metallurgii. Moskva, Metallurgizdat, 1962. 240 p. [MICROFILM]

HEAT RESISTANT ALLOYS—TESTING

High temperature testing of specimens with a spiral notch. A. V. Stanikovich, A. A. Chizhik. Zav. lab. 28 no. 11; 1361-1367 '62.

Methods of determining the long-period static fracture of heat resistant alloys in relation to their cracking. T. P. Zakharova, R. N. Sizova. Zav. lab, 28 no. 11; 1356-1361 '62.

HEAT TREATING FURNACES see Furnaces, Heat-treating

HEAT TREATMENT OF STEEL see Steel—Heat Treatment

HEATING—CONGRESSES

Mezhvuzovskaia nauchnaia konferentsiia po problemam otopleniia zhilykh i obshchestvennykh zdanii, Minsk, 1960. [Proceedings of the Interuniversity Conference on Problems of Heating Residential and Public Buildings] Trudy. Minsk, Izd-vo MVSS i PO BSSR, 1962. 285 p.

HEAVY ELECTRONS see Mesons

HEIFERS—FEEDING AND FEEDS see subdivision under Kirghizistan

HELIUM

Study of rotating He II near the λ-point using the second sound method. E. L. Andronikashvili, D. S TSakadze, R A. Bublidze. Zhur. eksp i teor. fiz 43 no. 4: 1562-1563 O '62.

HELIUM II

Determination of the coefficient of mutual friction between the superfluid and normal components along vortex lines [with summary in English]. D. S. TSakadze Zhur. eksp. i teor. fiz. 42 no. 4: 985-987 Ap '62.

Investigation of the temperature discontinuity at the boundary between a solid body and superfluid helium [with summary in English]. Guan Vei-lan', Zhur. eksp. i teor. fiz. 42 no. 4 921-935 Ap '62.

HEMOGLOBIN

First appearance of hemoglobin in embryos of the rainbow trout (Salmo irideus Gibbons). I. N. Ostroumova. Dokl AN SSSR 147 no. 1; 263-264 N '62.

HEMOLYSIS AND HEMOLYSINS

Effect of specific hemolysins on the dynamics of phagocytosis in peritoneal exudate during radiation sickness M. S. Kostenko. Med. rad. 7 no. 7: 90-92 Jl '62.

HEMOPOIETIC SYSTEM

Characteristics of hemopoiesis in liver cirrhoses under hot climatic conditions. G. P. Alidzhanov, O. I. Andreeva. Zdrav. Tadzh 9 no. 4, 19-23 Jl-Ag '62.

Comparative characteristics of myeloid hemopoiesis in forms of the chronic action of X-rays and benzene intoxication. V. V. Sokolov, V A. Solov'eva, I. A. Gribova. Med. rad. 7 no. 7: 92-93 Jl '62.

Histogenesis of hemopoietic organs in ducks during the embryonic period of development. M. IU. Pylypenko. Nauk. pratsi Ukr. nauk. -dosl. inst. ptakh. 9 no. 1: 97-100 '61.

Some protective and restorative reactions of the body in radiation sickness. N. K. Sviridov, E. G. Parfenova. Med. rad. 7 no. 7: 89-90 Jl '62.

Study of the proliferation properties of hematopoietic cells using radioactive indicators; a survey of the literature. G. I. Kozinets. Probl. gemat. i perel. krovi no. 11: 41-48 '62.

Study of the proliferative property of hemopoietic cells using radioactive indicators during radiotherapy [with summary in English] G. I. Kozinets, T. P. TSessarskaia, M. P. Bogolavlenskaia. Med. rad. 7 no. 7: 50-57 Jl '62.

HEMORRHAGE

Case of the interruption, by an unusual method, of expulsive hemorrhage beginning during subtotal corneal transplantation. O. M. Romanko. Zdrav. Kazakh. 22 no. 6: 63-65 '62.

Catheterization with occlusion of the pulmonary artery as a method for the temporary arrest of pulmonary hemorrhage before pulmonary resection in tuberculosis [with summary in English]. D. A. Natradze, M. I Perel'man. Khirurgiia no 1: 93-96 '62

Fibrinolytic hemorrhages [with summary in English]. A. A Chervinskii, V. M Rassokhin Sov. med. 26 no. 7: 51-58 Jl '62.

Late profuse hemorrhage following a pancreatic resection for islet cell adenoma M F Kamaev Klin khir no 8 73-74 Jl '62

Review of "The problem of idiopathic bleeding time in laryngology [in English]." R L Goodale Zhur ush., nos. i gorl bol 21 no. 6 60 N-D '61.

Significance of the X-ray study of ecchymoses in forensic medical practice S F. Vinter galter, P P Shchegolev Sud -med ekspert 5 no 4 3-6 O-D '62.

Some anatomical bases of hemorrhage from the ovaries [with summary in English]. L. E. Ptingen Akush. i gin. no. 1: 51-54 '62.

Thromboembolism of the large vessels in children with toxic diphtheria of the pharynx and hemorrhagic syndrome. K. G. Petrova, N. Abdiev, B Khabizhanov. Zdrav. Kazakh. 22 no. 6: 33-36 '62.

Use of adrenocorticotropic and adrenal cortex hormones in the prevention and treatment of shock and hemorrhage. V. K Kulagin Vest. khir 87 no 11: 120-126 N '61.

HEMORRHAGE, UTERINE

Climacteric hemorrhages in uterine fibromyoma. P. IA. Lel'chuk. Vop. okh. mat. i det. 7 no. 7: 65-68 Jl '62.

Etiology and treatment of dysfunctional uterine hemorrhages [with summary in English]. T. K. Orlov Akush. i gin. no. 1: 41-43 '62

Prevention of hemorrhage during cesarean section in the lower segment of the uterus. B. V. Kushnirov Sov med. 26 no. 6: 127-128 Je '62

Treatment and its late results in dysfunctional uterine hemorrhages. Z. D. Savel'eva. Akush. i gin. no. 1: 43-47 '62.

Treatment of climacteric hemorrhage with small doses of androgenic hormones [with summary in English] M. D Moiseenko. Akush. i gin. 1: 25-27 '62.

Treatment of functional uterine hemorrhage with prolactin. V. P. Karpushin. Akush. i gin. no 1: 32-34 '62.

Treatment of patients with dysfunctional uterine hemorrhages [with summary in English]. K A. Kuryshova Akush. i gin. no. 1: 34-41 '62.

HEMORRHAGIC FEVER

(see also subdivision under Voronezh District)

Epidemiology of hemorrhagic fever with a renal syndrome in the R. S. F. S. R. IU. S. Vostuta Zhur mikrobiol., epid. i immun. 32 no. 12: 40-56 D '61

HEMP

Investigating the process of scutching of southern hemp. M. P. Mavliavlev. Shor. nauch. -issl. rab. TTI no 19: 115-127 '61.

HEPATITIS, INFECTIOUS

(see also subdivision under Dzerzhinsk, Gorkiy Province, Gorkiy, Rostov-on-Don; Tashkent)

Activity of the aldolase, pseudocholinesterase, and transaminases in the blood serum in epidemic hepatitis [with summary in English]. V Torjescu and others. Vop. med. khim. 8 no. 1: 27-30 Ja-F '62.

Basic problems in the clinical aspects of Botkin's disease and cirrhosis of the liver [with summary in English]. S. M. Ryss. Trudy LSGMI no. 69: 7-20 '61.

Change in the coagulation, anticoagulation and fibrinolytic systems of the blood in chronic hepatitis and cirrhosis of the liver [with summary in English]. IU. A. Sharova. Sov. med 26 no. 7: 47-53 Jl '62.

Change in the vitamin B_{12} level in the blood in epidemic hepatitis and liver cirrhosis [with summary in English]. V. I. Loiko. Trudy LSGMI no. 69, 62-72 '61.

Changes in the protein fractions, lipo- and glycoproteins in the blood serum in epidemic hepatitis (Botkin's disease) [with summary in English]. N. A. Zaslavskaia. Trudy LSGMI no. 69: 21-30 '61.

Clinical characteristics of liver cirrhoses developing as a consequence of epidemic hepatitis [with summary in English]. V. G. Smagin. Trudy LSGMI no. 69: 103-116 '61.

Clinical observations of the action of phthivazide in Botkin's disease. A. K. Shaina. Vrach. delo no. 8: 72-75 Ag '62.

Comparative evaluation of the effectiveness of some methods of treating Botkin's disease in children. I. N. Rudenskaia. Sov. med 26 no. 7: 39-42 Jl '62.

Copper content of the blood serum in Botkin's disease. T. V. Zhernakova, P. I. Strelov. Sov. med. 26 no. 10. 119-123 O '62.

Corticosteroids in the compound treatment of Botkin's disease [with summary in English]. V. M. Sukharev. Sov. med. 26 no. 6: 36-41 Je '62.

Cortisone treatment by the intermittent cyclic method in Botkin's disease [with summary in English]. I. S. Suk. Vrach. delo no. 8: 118-123 Ag '62.

Data from the study of an outbreak of epidemic hepatitis in preschool children [with summary in English]. D. B. Golubev, A. V. Zavarzin. Zhur. mikrobiol., epid. i immun. 32 no. 12: 12-15 D '61.

Determining the functional state of the adrenal cortex in Botkin's disease and liver cirrhosis by the content of neutral 17-ketosteroids in the urine [with summary in English] L. V. Krutskikh. Trudy LSGMI no. 69: 52-61 '61

Dystrophy of the liver in Botkin's disease [with summary in English]. V. M. Sukharev. Sov med. 26 no 7: 31-38 Jl '62.

Effectiveness of the serum prophylaxis of epidemic hepatitis. N A Kozlova, M N Kulakova Vop virus 7 no 5: 611-615 S-O '62.

Immunoelectrophoretic study of the sera of Botkin's disease patients and of animals with an experimental liver lesion P R Khashimova Zdrav. Tadzh. 6 no 1: 51-54 Jl-Ag '62

Indices of the blood coagulation process (fibrinogen, prothrombin, factor V and factor VII) in evaluating the functional state of the liver in Botkin's disease and cirrhosis [with summary in English]. I. V. Belova. Trudy LSGMI no. 69: 45-51 '61

Mechanism of residual jaundices following Botkin's disease [with summary in English] Z. F. Denisenko, T. N. Artamonova. Trudy LSGMI no. 69: 98-101 '61.

Method of dispensary treatment and preventive medical measures for people who have had Botkin's disease [with summary in English] V. I. Shishko. Trudy LSGMI no. 69: 130-138 '61.

Morbidity in medical workers from epidemic hepatitis; from data of the Ukrainian S. S. R. D. Kh. Tomin. Sov med. 26 no 7: 43-46 Jl '62.

Pathogenesis of dysalbuminemia in jaundice [with summary in English]. D V. Staroselskii Vop med khim 8 no. 1: 23-27 Ja-F '62.

Relation of nicotinic acid metabolism to some methods of treating infectious hepatitis N S Krasnova Zdrav. Bel. 7 no. 11 27-30 N '61

Summary functional ability of the liver in evaluating the degree of the lesion in Botkin's disease [with summary in English]. Z. D. Shvartsman. Trudy LSGMI no. 69: 81-88 '61

Xanthurenuria and the amount of vitamin B6 in the blood of patients with chronic hepatitis [with summary in English]. V. A. Alferova, I. M Raskin. Vop. med. khim. 8 no 1: 20-23 Ja-F '62

HEPATITIS, INFECTIOUS—MICROBIOLOGY

Experimental materials on the study of epidemic hepatitis Report No 1: The role of some viruses isolated in epidemic hepatitis [with summary in English]. K Berim-Zade Vop. virus 7 no. 5: 582-586 S-O '62.

HEPTADIENE

Vinylacetylene chemistry. Report No 33. Synthesis and transformations of 1-chloro-4-methoxymethyl-2, 5-heptadiene and 1-chloro-5-methoxy-2, 3-pentadiene. S. A. Vartanian, A. O. Tosunian. Izv. AN Arm. SSR. khim. nauki 15 no 4: 337-345 '62.

HERBICIDES

Agricultural specifications for machines applying herbicides to soils. M IA Berozovskii. Zemledelie 24 no 10: 31-37 O '62

Chemicals for controlling the wild oat, review of foreign literature. R A. Safra. Zashch. rast. ot vred i bol 7 no 3: 56-58 Mr '62.

Mechanization of the application of herbicides. P. I. Voitov. Zashch. rast. ot vred. i bol. 7 no. 3: 37-38 Mr '62.

Replenishing the assortment of poisonous chemicals. A. M. Nikiforov. Zashch. rast. ot vred. i bol. 7 no. 3, 35-36 Mr '62.

HEREDITY OF DISEASE

Carcinogenesis and cell heredity [with summary in English]. IU. M. Olenov. Vop. onk. 8 no. 6: 54-63 '62.

HERNIA

Liposarcoma of the omentum in postoperative hernia. B. M. Dzutanov. Vest. khir. no. 8: 86-87 '62.

Stomach in strangulated inguinal-scrotal hernia IA. P. Vargatyi. Klin khir no. 8 70 Jl '62

Strangulated intersigmoid hernia. P. S. Mironov. Vest. khir. no. 5: 110 '62.

Surgery in large embryonal hernia with favorable outcome V. I. Kiselev. Vop. okh. mat. i det. 7 no. 4: 90-91 Ap '62.

HERPES ZOSTER

Case of herpes zoster following X-ray irradiation. G. S. Zel'din. Vrach. delo no. 8: 142 Ag '62.

HERRING

(see also subdivision under Dnieper Reservoir; Volga River; White Sea)

Feeding habits of the Murmansk herring in schools and outside of schools in aquariums. V. V. Gerasimov. Trudy MMBI no. 4: 254-259 '62.

HERTZEN, ALEKSANDR IVANOVICH, 1812-1870

Great thinker and a friend of science. I Novich. Nauka i zhizn' 29 no. 5: 72-73 My '62.

History of A. I. Herzen's archives. Submitted by N. S. Rogova. Ist. arkh. 8 no. 1: 94-104 Ja-F '62.

HERTZEN, ALEKSANDR IVANOVICH, 1812-1870 (Continued)

How the Orthodox Church struggled against the Russian free press. N. IA. Eidel'man Ist arkh. 8 no. 1:194-199 Ja-F '62.

In memory of A. I Hertzen Neftianik 7 no 4 34 Ap '62

On the occasion of the 150th birthday anniversary of A I. Hertzen. Sov. pedag. 26 no 6 152-154 Je '62

Outstanding revolutionary democrat and materialist, on the 150th anniversary of A Hertzen's birth [in Latvian]. Izv. AN Latv. SSR no. 1 3-14 '62.

Unpublished draft of A. I Hertzen's reply to the Second Investigating Committee of 1834. M. G. Vandalkovskaia. Ist. arkh. 8 no 1 192-193 Ja-F '62.

HETEROCYCLIC COMPOUNDS

Compounds with potential antitubercular activity. Part 6: Amidoximes, amidrazones, and S-oxides of thioamides of some heterocyclic acids. T P. Sycheva and others. Zhur. ob. khim. 32 no. 11 3669-3671 N '62.

Heterochain polyesters Part 39 Role of hydrolysis of bis-(p-carboxyphenyl) methylphosphine oxychloride under interfacial polycondensation conditions [with summary in English]. V V. Korshak, S V Vinogradova, U Ban-iuan' [Yu Pang-yuan] Vysokom soed 4 no 9 1320-1323 S '62

HETEROSIS

Controlling heterosis in cucumber hybrids [with summaries in English, German, and French] F A Tkachenko, A Z Marchenko Vest sel'khoz nauki 7 no 9 46-50 S '62

HEXONIUM

Hexonium and gangleron therapy of peptic ulcer and chronic gastritis. V. V. Trusov. Sov. med. 26 no. 10 46-50 O '62.

Method for using benzohexonium in treating peptic ulcer [with summary in English]. V. E. Kushnir Vrach. delo no. 8:85-92 Ag '62.

Use of hexonium and a "lytic" cocktail in the surgical treatment of thyrotoxicosis. M. I. Mishenin. Zdrav. Bel. 8 no. 7:42-45 Jl '62.

Use of hexonium for preventing posttransfusional reactions [with summary in English]. E V kuleshov Vrach. delo no. 8:75-80 Ag '62.

Use of new hypotensive agents in late toxicoses of pregnancy. M. I. Anisimova Sov med 26 no 7:110-111 Jl '62

HIBERNATION, ARTIFICIAL see Artificial hibernation

HIDES AND SKINS

New method of preserving fur and garment sheep pelts. I. I Panfukin, E. V. Gaevoi, A. N. Mashkov. Kozh.-obuv. prom. 4 no. 11:30-32 N '62.

HIGH-PRESSURE RESEARCH

Diagram of state of cerium in the range 20 to 350°C at pressures up to 80, 10^3 Kg./cm^2 [with summary in English]. L. D Livshits, IU. S Genshaft, V. K Markov. Zhur eksp i teor. fiz. 43 no 4 1262-1267 O '62.

Polymorphic transition in sodium chloride under pressure [with summary in English] V. V. Evdokimova, L F Vereshchagin. Zhur eksp i teor fiz. 43 no 4 1208-1212 O '62.

Temperature dependence of the electric resistance of polycrystalline graphite at pressures up to 250,000 kg./cm^2. A. A. Smerchan, N. N. Kuzin, L. F. Vereshchagin. Dokl. AN SSSR 146 no. 4 803-804 O '62.

Temperature dependence of the electroconductivity of iodine at pressures up to 200,000 Kg./cm^2. N. N. Kuzin and others. Dokl AN SSSR 147 no. 1:78-79 N '62.

HIGHER EDUCATION see Education, Higher

HIGHWAY TRANSPORT WORKERS (see also subdivision under Minsk)

Improving qualifications of technicians by correspondence courses. L. Letskii. Avt. transp. 40 no. 10:47-48 O '62.

HIGHWAY TRANSPORT WORKERS—DISEASES AND HYGIENE

Condition of the leucocytes in workers in automotive transportation enterprises. V. M. Voituik. Vrach. delo no. 9:124-125 Ag '62.

HILBERT SPACE

On the problem of factorization of operators in Hilbert space. I. TS. Gokhberg, M. G. Krein. Dokl. AN SSSR 147 no. 2:279-282 N '62.

HILL, JOE see Hillstrom, Joseph, 1879-1915

HILLSTROM, JOSEPH, 1879-1915

Man who never died Barrie Stavis. Ogonek 40 no. 45, 24 N '62

HIP JOINT—DISLOCATION

Nonreduced congenital luxations of the hip, unstable and false reductions in young children [with summary in English in insert] E. G Kurdiani. Ortop., travm. i protez. 23 no 5:52-55 My '62

HISTAMINE

Histaminopexy in allergy [with summary in English]. L. M Ishimova, IU. P. Borodin. Sov med 26 no. 7. 27-34 Jl '62.

HISTORICAL FICTION, UKRAINIAN

Syrotiuk, M. I. [The Soviet Ukrainian historical novel, the problem of historical and literary truth] Ukrains'kyi radians'kyi istorychnyi roman, problema istorychnoi ta khudozhn'oi pravdy. Kyiv, Vyd-vo Akad. nauk URSR, 1962. 304 p

HISTORICAL LIBRARIES see subdivision under Ukraine

HISTORICAL MATERIALISM see Dialectical materialism

HISTORICAL RESEARCH (see also subdivision under Daghestan; Kabardino-Balkar A. S. S. R., Volga Valley)

Kim, M. P. [Themes of present-day historical research, problems concerning the history of Soviet society] Nad chem rabotaiut istoriki, voprosy istorii sovetskogo obshchestva Moskva, Izd-vo "Znanie," 1962. 37 p. (Novoe v zhizni, nauke, tekhnike. I Seriia Istoriia, no. 19)

The paths of my historical research. N. L. Rubinshtein Ist. SSR 6 no. 6 88-114 N-D '62.

HISTORY—BIBLIOGRAPHY see Bibliography—History

HISTORY—CURIOSA AND MISCELLANY

Historical news. Prep. ist. v shkole 17 no. 5:124-128 S-O '62.

HISTORY—METHODOLOGY

How some historians use statistical data. M. T. Gol'tsman. Ist. SSR 6 no. 6. 222-223 N-D '62.

HISTORY—PERIODICALS

Meeting the teachers of province capital. Prep. ist. v shkole 17 no 5. 122-123 S-O '62

HISTORY—PHILOSOPHY

Gnosiological roots and methodological characteristics of the present-day reactionary theories of the role of the masses and individuals in history. G K. Ashin Trudy MIIT no 165 67-95 '62

HISTORY—SOURCES

Uniform conventional symbols for marking the special features of published texts. D. S Likhachev. Ist. arkh. 8 no. 1:174-175 Ja-F '62

HISTORY—STUDY AND TEACHING

Courses for the improvement of teacher qualifications. Prep. ist. v shkole 17 no. 5 121 S-O '62

District seminar of history teachers. S. M. Barinova, L. S Kuz'mina. Prep. ist. v shkole 17 no 5:123 S-O '62

Extracurricular work on history in the publications of the institutes for teacher improvement A N. Khmelev Prep. ist. v shkole 17 no. 5 107-108 S-O '62.

Greater student participation in history classwork in senior grades. V. K. Demydenko. Ukr. ist. zhur. 6 no. 5. 83-85 S-O '62.

How to use the epidiascope in history classes. E. N. Zhornovskyi. Ukr ist. zhur. 6 no 4:85-88 Jl-Ag '62

Inculcating the habit of independent work in students in history classes I. O. Karasenko. Rad. shk. 41 no. 10:53-60 O '62.

Khozo, S. E., L. S. Filippova, and T. G. Markina, [Experience in teaching history in vocational schools] Opyt prepodavaniia istorii v shkole s proizvodstvennym obucheniem. Moskva, Izd-vo Akad. pedagog. nauk RSFSR, 1962. 57 p. (Pedagogicheskie chtenila)

Let's improve the study of history in institutions of higher learning. V. V. Mavrodin, A. A. Benediktov, V. G. Tiukavkin. Vest. vys. shkoly 20 no. 11:19-25 N '62.

"Methods of using local geography material in classes on the history of the U. S. S. R." by M. M. Lysenko. Reviewed by P. S. Fedorenko, N M. Minzberg. Rad. shk 41 no. 11:93-94 N '62.

Order of the Ministry of Education of the R. S. F. S. R. No. 270, July 20, 1962. Prep. ist. v shkole 17 no. 5: 8-11 S-O '62.

"Outline of the development of school historical education in the U. S. S. R." by L. P. Bushchik. Reviewed by V. G. Kartsov. Prep. ist. v shkole 17 no. 5:110-112 S-O '62.

Psychological aspects of the use of visual aids in grades 5 and 6. O. S. Vasyl'eva. Ukr. ist. zhur. 6 no 4:88-91 Jl-Ag '62.

"Psychology of the student's assimilation of history," Reviewed by A. S. Vasil'eva. Prep. ist. v shkole 17 no. 5 108-109 S-O '62.

Russia (1917- R. S. F. S. R.) Ministerstvo prosveshcheniia. [Programs for eight-year schools; history] Programmy vos'miletnei shkoly; istoriia. Moskva, Uchpedgiz, 1962. 61 p.

Seminar of the heads of history study rooms at the institutes for teacher improvement. Prep. ist. v shkole 17 no. 5:119-121 S-O '62.

Three-year results of reorganizing the teaching of history. A. G. Bonder. Rad. shk. 41 no. 10:3-10 O '62.

Training the future students of the history of the C P S U and the teachers of this subject. Vop. ist. k'p s s 6 no. 6:229-232 '62.

HISTORY—TEXTBOOKS

New history textbooks and teachers' objectives. Prep ist. v shkole 17 no. 5 3-7 S-O '62

Results of the contest for the compilation of history textbooks for grades 9-11 of secondary schools with industrial training Prep ist. v shkole 17 no 5 [illegible] S-O '62

HISTORY, ANCIENT

"The ancient world, collection of articles" Reviewed by L V Nar Az. i Afr no 6 205 '62

HISTORY, ANCIENT—TEXTBOOKS

Objectives and methodological make-up of the ancient history textbook. F P Korovkin. Prep. ist. v shkole 17 no. 5 71-84 S-O '62.

HISTORY, MODERN—STUDY AND TEACHING

"From the practice of teaching modern history" Reviewed by V. N. Seletskii. Prep ist. v shkole 17 no 5 105-106 S-O '62

HODOVANETS', MYKYTA

"Rabbits mathematical fables" by Mykyta Hodovanets' Reviewed by Petro Slipchuk. Ukraina no. 24 10 N '62

HOFMANN REACTION

Derivatives of paraconic acid in the Hofmann and Friedel-Crafts reactions. V. B. Plinkov. Zhur. ob. khim. 32 no 10 3407-3408 O '62.

HOG HOUSES see Swine houses and equipment

HOISTING MACHINERY

Arnol'd, L. V., and M. N. Iosifov. [Thermodynamics, heat transfer, and power equipment of hoisting and conveying machinery] Termodinamika, teploperedacha i teplosilovoe oborudovanie pod"emno-transportnykh mashin. Pod red. L. V. Arnol'da. Leningrad, Izd-vo "Rechnoi transport," 1962. 440 p.

Boudarovskii, F. P., and G. V. Korncev. [Machine parts and hoisting and conveying machinery] Detali mashin i pod"emno-transportnye mashiny Izd 3., perer. i dop. Moskva, Mashgiz, 1962. 551 p.

British exhibition of conveying and hoisting machinery. V. S. Kirsaev. Mekh. i avtom. proizv. 16 no. 10: [illegible] O '62.

Hoist for the assembly of structural elements. A [illegible] povalov. Sel' stroi. no 8:10 Ag '62.

Production specialization of hoisting and transportation equipment I G Podbel'skaia Och po sovr. sov. i zarub ekon no. 3:87-108 '62

Types of unloaders and pneumatic hoists planned for 1960-1965. Stroi. i dor. mash. 7 no. 10:51 [illegible]

HOISTING MACHINERY—ABSTRACTS

[Hoisting and conveying machinery and structures] Ref. zhur. Otd. vyp. 39. Pod. transp. mash. i oborud. no. 7] D '62.

HOISTING MACHINERY—TESTING

Instruments for measuring and inspecting the technical state of the wire ropes of multiple-rope hoists. N. A [illegible] kov, N. G. Garkusha. Ugol' prom. no. 5:42-46 S-O '62.

HOME ECONOMICS

Aivazov, B. V. [Chemistry in home economics] Khimiia v domashnem khoziaistve. Ufa, Bashkirskoe knizhn. izd-vo, 1961. 93 p.

Domestic use of electricity as one of the factors in the efficient utilization of labor resources of the country IU. M. Kogan. Och. po sovr. sov. i zarub. ekon. no. 3 134-146 '62

Krasnov, N. P., and others. [Home and family life] Dom i byt. [Moskva] Izd-vo M-va kommun. khoz. RSFSR, 1962. 315 p.

Us, A. P., comp. [Book of useful advice] Kniga poleznykh sovetov. Tashkent, Ob"edinennoe izd-vo "Kryl'ia Sovetov," "Pravda Vostoka" i "Uzbekistoni surkh. 1962. 611 p.

Useful advice. Rab. i sial. 38 no. 11:23 N '62.

HOME EDUCATION see Correspondence schools and courses

HOMOGRAFTS

Nature of biological tissue incompatibility in homografts and plantation. G I Kositskii Usp. sovr. biol 54 no. 1 71-89 Jl-Ag '62.

HONEY

How not to popularize the experience of popular workers and the achievements of medical science; the [illegible] scientific works of N. P. Iofrisha on bee honey and venom. G. P. Zaitsev, N. M. Artemov, V. I. Poriadin Sov. med. 26 no. 7:154-156 Jl '62.

HORMONE THERAPY

Hormone-enzyme treatment of chemical burns of the esophagus in an experiment [with summary in English] B. K. Volkov. Zhur. ush., nos. i gorl. bol. 21 no 6 71-73 N-D '61.

HORMONE THERAPY (Continued)

Hormone therapy in chronic septic endocarditis [with summary in English]. A. A. Demin, N. A. Troitina Sov. med. 26 no. 6 24-30 Je '62.

Hormone therapy of allergic rhinitis [with summary in English] V. Hlaváček, J. Jiříčný Zhur. ush., nos. i gorl. bol. 21 no. 6 10-14 N-D '61

Use of hormone therapy in some skin diseases. T. T. Tadzhibaev. Sov. med. 26 no. 10 123-127 O '62.

HORMONES

Effect of some hormonal preparations on the absorption of fatty acids in the small intestine [with summary in English]. N. V. Anastas'eva. Probl. endok. i gorm. 8 no. 4:53-59 Jl-Ag '62.

Kurtain, I. T. [Hormones of the digestive system] Gormony pishchevaritel'noi sistemy. Leningrad, Medgiz, 1962. 307 p.

HORNS

Siberian ibex with abnormal horns. A. V. Popov. Trudy Inst. zool. i parazit. AN Tadzh. SSR 22 87-88 '62

HORNS, CUTANEOUS

A true single cornu cutaneum. V. A. Miroshnichenko. Khirurgiia no. 12 87-89 '61

HORSES—ANATOMY

"Changes of the morphological structure of farm animals under the effect of maintenance and use" by P. D. Rud'ko. Reviewed by S. G. Petrov. Zhivotnovodstvo 23 no. 2: 90-91 F '61.

HORSES IN ART

Petroglyphs of horses within the boundaries of Alay-machtau (Fergana) IU. A. Zadneprovskii. Sov. etn. no. 5:125-128 S-O '62.

HOSE—TESTING

Simplified formula for determining the capacity of pipes and fire hose. F. Klimov Pozh. delo 8 no. 11 20 N '62.

HOSE COUPLINGS

End couplings for high pressure hose. A. IA. Ionkin, Kuz.-shtam. proizv. 4 no. 11 46-47 N '62.

HOSIERY

Some causes of the striginess of Cotton machine hosiery D. T. Braga Tekst. prom. 22 no. 11:51-52 N '62.

HOSPITAL BEDS see subdivision under Leningrad

HOSPITALS

(see also subdivision under Moldavia; White Russia)

Method for analyzing the activity of the infirmary in a city hospital. IA. T. Tadzhiev. Zdrav. Tadzh. 8 no. 4: 3-8 Jl-Ag '62

Put the construction of rural medical institutions on an industrial basis. G. Vinogradov. Sel'. stroi. no. 8: 16-17 Ag '62.

HOSPITALS—ADMINISTRATION

(see also subdivision under Ossetia, North)

"Organization of the work of medical personnel" by B. M. Matsko. Reviewed by N. G. Orlov. Sov. zdrav. 21 no. 8:82-83 '62.

HOSPITALS—CONSTRUCTION

(see also subdivision under Leningrad)

Planning and construction of surgical blocks. S. Z. Gorshkov. Sov. med. 26 no. 10:147-149 O '62.

HOSPITALS—HYGIENE see subdivision under Leningrad

HOSPITALS—OUTPATIENT SERVICES

A day clinic for peptic ulcer patients. N. G. Orlov. Sov. zdrav. 21 no. 8:10-13 '62.

Domiciliary clinics. V. D. Baida Sov. zdrav. 21 no. 8: 13-15 '62.

Relationship between first aid stations and ambulatory-polyclinical centers. M. A. Mesael'. Sov. zdrav. 21 no. 8:6-10 '62.

HOSPITALS, OPHTHALMIC AND AURAL see subdivision under Poland

HOT-AIR HEATING

Results of hygiene tests of hot-air heating systems with natural stimulation. Kh. Zaryvainska and others. Bud. mat. i konstr. 4 no. 5:61-62 S-O '62.

HOTBEDS

Hothouses and hotbeds made of precast reinforced concrete. D. Topchii, B. Mylashenko. Sil'. bud. 12 no. 9: 10-11 S '62.

HOTELS, TAVERNS, ETC. see subdivision under Moscow; Rostov-on-Don; Sochi; T. G. Shevchenko National Park)

HOTHOUSES see Greenhouses

HOURS OF LABOR

(see also subdivision under Ukraine)

Hours of labor in the U.S.S.R.; a historical study. V. P. Marunia. Ukr. ist. zhur. 6 no. 4:26-33 Jl-Ag '62.

Reduction of working time in capitalist countries; myths and reality S. A. Ivanov. Sov. gos. i pravo 32 no. 11 119-125 N '62.

Shortened workday and the new wage system. V. Aleksandrova. Blok. agit. [for Ukr.] no. 30-1-10 O '59.

HOUSEHOLD APPLIANCES, ELECTRIC

Domestic use of electricity as one of the factors in the efficient utilization of labor resources of the country IU. M. Kogan Och. po sovr. sov. i zarub. ekon. no. 3 134-146 '62

HOUSING—HEATING AND VENTILATION see subdivision under Leningrad

HOUSING—HYGIENIC ASPECTS see subdivision under Leningrad

HOUSING—LAW AND LEGISLATION

Chigir, V. F. [Soviet housing law] Sovetskoe zhilishchnoe pravo. Minsk, Izd-vo MVSS i PO BSSR. Pt. 2. 1962. 179 p.

Smirnov, IU., and E. Vaisman. [Housing rights and obligations of Soviet citizens] Zhilishchnye prava i obiazannosti sovetskikh grazhdan. Kishinev, Gos. izd-vo "Kartia moldovenieske," 1960. 58 p. [MICROFILM]

Some problems in the implementation of housing laws. Z. Bahrynivs'kyi. Rad. pravo no. 6 82-84 N-D '62

HOUSING MANAGEMENT see subdivision under Kalinin, Moscow

HULLS (NAVAL ARCHITECTURE)

Calculating the strength of span covers with single cross bracings at ship ends. A. V. Utkin. Trudy GPI 15 no. 1:73-84 '61 [i.e. '59].

Operational methods of calculating buoyancy, stability and unsinkability of ships. D. B. Karpov. Trudy GPI 15 no. 1:31-53 '61 [i.e. '59].

HUMERUS—FRACTURE

Supracondyloid fractures of the humerus associated with injuries to the bones of the forearm. V. P. Kostiuk Zdrav. Bel. 7 no. 11:25-27 N '61.

HUMIDITY

Compilation and analysis of charts of specific and relative humidity. T. A. IAkovleva. Trudy NIIAK no. 16:33-40 '62.

HUMIDITY—MEASUREMENT

Determining the humidity of the air and oxygen A. Korniienko, A. Kozlov. Av. i kosm. 15 no. 11, 82-83 '62.

HUMUS

Group composition of humus and total chemical composition of meadow-steppe and mountain-meadow soils of the Gegamskiy Khrebet [in Armenian with summary in Russian]. I. M. Ovsepian. Izv. upr. sel'khoz. nauki Arm. SSR 4 no. 10:61-75 '61.

HUNGARY—BIBLIOGRAPHY

[New literature on Hungary] Nov. lit. po Veng. nos. 7-9 '62.

HUNGARY—COMMUNIST EDUCATION

Teaching Marxism-Leninism in the institutions of higher learning of Hungary. Gyorgy Farkas, Bela Fati, Arnold Vukovich. Vest. vys. shkoly 70 no. 11:85-88 N '62.

HUNGARY—ECONOMIC CONDITIONS

The political situation in Hungary Gyula Kallay. Nov. vrem. 20 no. 47 7-9 N '62.

HUNGARY—POLITICS AND GOVERNMENT

The experience of Hungary. Nov. vrem. 20 no. 49-3-4 D '62.

The political situation in Hungary. Gyula Kallay. Nov. vrem. 20 no. 47, 7-9 N '62

HUNGARY—SLAVIC ANTIQUITIES

Studies of Slavic archaeology in Hungary. A. Chochtchemitski. Sov. arkheol. 6 no. 4 105-114 '62.

HUNGARY—SOIL BIOLOGY

Comprehensive biological studies on the rendzina I. Szabo and others. Pochvovedenie no. 10 85-95 O '62

HUNGARY—SOIL FORMATION

Effect of drainage and irrigation on soil formation processes in the Hungarian Lowland. I. Szabolcs. Pochvovedenie no. 10 78-84 O '62

HUNS

"History of the Huns" Volume 2 [in German] by Fr. Altheim. Reviewed by A. Mendel'stam. Sov. etn. no. 5:168-170 S-O '62.

HUNTING, PRIMITIVE see subdivision under China

HURRICANES

A "historical" hurricane. L. M. Sheinis. Priroda 51 no. 11:113 N '62.

HYALURONIDASE

Dependence of the degree of edema on the hyaluronidase activity of the blood serum in nephropathies in children I. N. Usov. Zdrav. Bel. 8 no. 2 21-26 F '62.

Use of lidase in trachoma with a consideration of biochemical changes in the palpebral conjunctiva (clinical-experimental study) [with summary in English] P. V. Glukhova. Vest. oft. no. 1:23-30 '62.

HYBRID CORN

(see also subdivision under Bukovina)

Cold and frost resistance of the VIR 42 double-cross hybrid and its self-pollinated lines S. V. Kostina Trudy Stavr. sel'khoz. inst. no. 9 13-19 '60

Content of chemical substances in double cross interline hybrid corn [with summaries in English, German, and French] G. A. Gurzhiev Vest. sel'khoz. nauki 7 no. 9 27-30 S '62

HYBRIDIZATION

Observations on natural hybridization of the house sparrow and the Spanish sparrow. E. N. Golovanova. A. V. Popov Trudy Inst. zool. i parazit. AN Tadzh. SSR 22: 41-48 '62.

HYBRIDIZATION, VEGETABLE

Interspecific hybridization in the genus Lathyrus. D. A. Trankovskii. Biul. MOIP. Otd. biol. 67 no. 3 110-111 My-Je '62.

HYDATIDS

Rare localizations of Echinococcus. L. S. Mnatikian. Trudy Erev. med. inst. no. 11 293-299 '60.

HYDRATION

Mobility of hydrated starch membranes. B. B. Vartapetian. Dokl. AN SSSR 147 no. 1:221-223 N '62

Vinylacetylene chemistry. Report No. 34 Hydration of vinylacetylene compounds containing a substituted benzene nucleus. S. A. Vartanian, S. K. Vardapetian, Sh. O. Badanian. Izv. AN Arm. SSR, Khim. nauki 15 no. 4 347-352 '62.

HYDRAULIC CONVEYING

(see also subdivision under Dokuchaevsk region)

Determination of the location of suction pumping stations for plant tailing pipelines. T. I. Mel'nikov Gor. zhur. no. 12, 42-47 D '62.

HYDRAULIC ENGINEERING

(see also subdivision under Kakhovka Reservoir; Pskov Lake region)

Some instances of salt transfer. M. P. Chikin. Sbor. nauch. -issl. lab. TTI no. 12:241-249 '61.

HYDRAULIC ENGINEERING—EQUIPMENT AND SUPPLIES

Automatic gate for hydraulic structures. K. F. Artamonov. Izv. AN Kir. SSR. Ser. est. i tekh. nauk 3 no. 6:111-115 '61.

HYDRAULIC ENGINEERING—TABLES, CALCULATIONS, ETC. see subdivision under Volga Valley

HYDRAULIC JACKS

Use of hydraulic GS-type jacks for mine relining. F. S. Kozub, I. P. Nikitin Mekh. i gornorud. prom. no. 2:73-75 Mr-Ap '62.

HYDRAULIC MACHINERY

Investigating the new type of hydraulic mine hoisting. G. T. Shapoval. Ugol' Ukr. 6 no. 5:7-10 My '62.

HYDRAULIC MINING

(see also subdivision under Donets Basin)

Effect of the rate of the giant jet movement along the face on the output capacity of hydraulic breaking. A. A. Krivchenko, A. V. Baka. Ugol' Ukr. 6 no. 8:17-18 Ag '62.

Geometry of a giant jet. V. V. Ivanov. Sbor. trud. Inst. gor. dela AN URSR no. 12:105-190 '61.

Loosening of the coal block with the water-infusion blasting system in the hydraulic mining of anthracite. L. G. Semenov, L. E. Bitiukov. Ugol' Ukr. 6 no. 8:15-17 Ag '62.

Studying the process of the hydraulic fracturing of coal seams. N. A. Fedorov and others. Nauch. trudy VNII-Podzemgaza no. 6:66-73 '62.

HYDRAULIC MINING—EQUIPMENT AND SUPPLIES

The G-Za hydraulic impact mining machine and rock crushing tools for drilling prospecting holes. L. E. Graf. Biul. tekh. -ekon. inform. Gos. nauch. -issl. inst. nauch. i tekh. inform. no. 11, 19-21 '62.

HYDRAULIC MODELS

Model study of automatic control processes in irrigation systems. V. K. Vnukov. Izv. AN Kir. SSR. Ser. est. i tekh. nauk 3 no. 6:91-93 '61.

HYDRAULIC PRESSES

Stresses in hydraulic press cylinders close to flanges. E. F. Bogdanov. Kuz.-shtam. proizv. 4 no. 11:29-32 N '62.

HYDRAULIC SERVOMECHANISMS

Automatic electric regulator of the water level designed for irrigation systems. V. V. Kokhanov. Izv. AN Kir. SSR. Ser. est. i tekh. nauk 3 no. 6:83-89 '61

HYDRAULIC SERVOMECHANISMS (Continued)

Calculation of the maximum permissible water depth of canals in selecting the parameters of an automatic regulator V V. Volchkov Izv. AN Kir. SSR Ser. est i tekh. nauk 3 no 6 95-99 '61

Determining the pressure loss of a stream of water due to a barrier represented by a plane with an arbitrary angle of inclination E E Makovskii Izv AN Kir SSR Ser est i tekh nauk 3 no 6 101-109 '61

HYDRAULIC STRUCTURES

Control of flows in cooling ponds. I.A. Zababurin. Trudy Gidrav. lab. VODGEO no. 8 122-127 '62.

"Corrosion and protection of marine structures made of concrete and reinforced concrete" by M K Tikhonov Reviewed by F M Ivanov, V. M Medvedev. Bet i zhel - bet 8 no 11 527-528 N '62

Determination of alluvial plain erosion from data of laboratory studies. M.V.Soboleva. Trudy Gidrav. lab. VODGEO no. 8-82-90 '62.

Determining the weight of blocks and rocks in the body of breakwaters and protective facings. A.S. Ofitserov. Trudy Gidrav lab. VODGEO no. 9 5-37 '62.

"Improving earthwork in hydraulic construction" by V.P. Sobole.. Reviewed by V. A. Chereshnev. Mekh. stroi. 19 no 11 32 N '62.

Machine for placing the filter and the concrete. G E. Rogover, M R. Levtov. Mekh stroi 19 no. 11 21-26 N '62.

Problem concerning pressure fluctuations in a siphon spillway. G V Simakov Izv. vys. ucheb zav., energ 5 no 10 106-114 O '62

Soveshchanie po sbornym zhelezobetonnym vodosbrosnym sooruzheniiam, Moscow, 1960. [Precast reinforced concrete spillway structures] Sbornye zhelezobetonnye vodosbrosnye sooruzheniia, materialy soveshchaniia. Pod red. A. R. Berezinskogo. Moskva, Gosenergoizdat, 1962. 151 p.

HYDRAULIC STRUCTURES—CORROSION

Gadzhieva, R G., and IU E. Sinitsyna. [Protective rubber coatings in the control of sea water corrosion] Rezinovye zashchitnye pokrytiia v bor'be s morskoi korroziei. Baku, Azerneshr, 1961. 68 p.

HYDRAULIC TURBINES

Conference on horizontal-shaft hydraulic turbine-generator units. R.P. Strong. Energomashinostroenie 8 no. 10 43 O '62.

Electrohydraulic regulator for a hydraulic turbine. L. I. Abramova and others Energomashinostroenie 8 no. 10, 18-22 O '62.

Erosion resistant alloys for built-up welding of hydraulic turbine components. V. A. Lapidus. Energomashinostroenie 8 no. 10 34-37 O '62.

"Hydraulic turbines" by N. N. Kovalev. Reviewed by M I Kalinina, V P Gur'ev Energomashinostroenie 8 no. 10, 44-45 O '62.

HYDRAULICS

Botuk, B. O. [Hydraulics] Gidravlika. Moskva, Vysshaia shkola, 1962. 449 p.

HYDRAZIDES

Hydrazides of thiodicarboxylic acids. S G. Agbalian, A. O. Nahapetian, G. T Esaian. Izv. AN Arm. SSR Khim. nauki 15 no. 4 385-390 '62.

Substituted hydrazides of hydroxycarboxylic acids. Part 7: o-Tolylhydrazides of diarylalkylglycolic acids. I. S. Bardinskii. Zhur. ob. khim. 32 no. 11 3805-3807 N '62.

HYDRAZIDINE

Synthesis, properties, and antibacterial activity of some picolinamidrazones A. Spasov, E Golovinskii Zhur. ob. khim. 32 no. 10 3394-3400 O '62.

HYDRAZOIC ACID

Mechanism of the interaction of nitrous aryls with hydronitric acid studied with the aid of N^{15}. B. A. Geller, L. S. Samosvat. Zhur. ob. khim. 32 no. 10 3202-3208 O '62.

HYDROBIOLOGICAL RESEARCH

Activities of the Hydrobiological and Ichthyological Section of the Moscow Naturalists' Society during the second half of 1961. Biul. MOIP. Otd. biol 67 no 3, 138-139 My-Je '62.

Semiconductor devices in hydrobiological research. I. P. Lubianov. Vop. ekol. 4;125-128 '62.

HYDROBIOLOGY

Effect of abiotic and biotic factors of the medium on the acclimatization of aquatic organisms. A. F. Karpevich. Vop. ekol. 4;32-34 '62.

HYDROBROMIC ACID

Equilibrium of the reaction $C_3H_7Br \rightleftarrows C_3H_6+HBr$. A. M. Rozhnov, D. N. Andreevskii. Dokl. AN SSSR 147 no. 2;388-391 N '62.

HYDROCARBONS

Conjugated systems. Part 163; Synthesis and properties of 1,3-enyne tin hydrocarbons. V. S. Zavgorodnii, A. A. Petrov. Zhur. ob. khim. 32 no. 11;3527-3532 N '62.

Effect of the aggregate state on the reactions of tritium recoil atoms with hydrocarbons. V V. Pozdeev, An N Nesmeianov, B. G Dzantiev. Radiokhimiia 4 no. 4, 404-410 '62.

High-speed pyrolysis of hydrocarbons in a burning layer of coke [with summary in English] Z. Z Chukhanov Inzh.-fiz. zhur. 5 no. 8;23-28 Ag '62

Individual hydrocarbon composition of the Zamankul petroleum gasoline fraction E. S Levchenko and others Khim i tekh. topl. i masel 7 no 5 31-37 My '62

Leningrad. Universitet. [Low-temperature catalytic conversions of hydrocarbons] Nizkotemperaturnye kataliticheskie prevrashcheniia uglevodorodov. [Leningrad] 1962. 166 p.

Margolis, L. IA. [Heterogeneous catalytic oxidation of hydrocarbons; synthesis of monomers] Geterogennoe kataliticheskoe okislenie uglevodorodov; sintez monomerov. Moskva, Gostoptekhizdat, 1962. 246 p.

Modification of hydrocarbon oxidation catalysts. L. IA. Margolis and others. Kin. i kat. 3 no 2 181-188 Mr-Ap '62.

New family of organic compounds - cyanohydrocarbons. G. Remond. Usp. khim. 31 no 10 1257-1261 O '62

Oxidation of C_6 hydrocarbons to maleic anhydride. IU D. Kernos, B. L. Moldavskii, T. A. Klitonskaia. Kin. i kat. 3 no. 2 271-275 Mr-Ap '62.

Oxidation of some unsaturated hydrocarbons on copper catalysts. N. I. Popova, E. E. Vermel', F. A. Mil'man. Kin. i kat. 3 no. 2;241-246 Mr-Ap '62

Phase composition of mixed vanadium catalysts for the oxidation of aromatic hydrocarbons. I. I. Ioffe, Z. I. Ezhkova, A. G. Liubarskii Kin. i kat. 3 no. 2 191-200 Mr-Ap '62.

Preparation and properties of polyphenylene-type polymers Part 2 Preparation of polyarylenemethyls by polycondensation of aromatic hydrocarbons with their bis-acetoxy and bis-chloromethyl derivatives [with summary in English]. A A. Vansheidt, E P Mel'nikova, G. A Gladkovskii Vysokom. soed 4 no 9 1303-1309 S '62

Preparation of alkyl magnesium halides from primary alkyl halides and magnesium in a hydrocarbon medium. L I Zakharkin, O IU Okhlobystin, B. N Strunin Dokl. AN SSSR 147 no 1,108-110 N '62

Production of synthesis gas by high temperature conversion of hydrocarbon gases at high pressure. IA. S. Kazarnovskii and others Khim. prom. no 6;396-404 Je '62.

HYDROCARBONS—SPECTRA

Conjugated systems. Part 164; Spectra of the nuclear magnetic resonance of 1,3-enyne hydrocarbons. A. A. Petrov, V. B. Lebedev. Zhur. ob. khim. 32 no. 11, 3532-3537 N '62.

Particular features of the ultraviolet spectra of certain types of aromatic hydrocarbons. A. G Siniuk, K. I. Zimina. Khim. i tekh. topl. i masel 7 no 5 23-26 My '62.

Structural group analysis based on infrared spectra. A. V. Iogansen. Khim. i tekh. topl. i masel 7 no 5 16-22 My '62

HYDROCHLORIC ACID

Cleavage of an anhydride ring in dianhydrocylitol and its derivatives by hydrogen chloride in glacial acetic acid. G. E. Ustiuzhanin and others. Zhur. ob. khim. 32 no. 11;3617-3621 N '62.

Determination of hydrochloric and acetic acids in methylene chloride. E. A. Emelin, N. F. Smyslova, IA. A. TSarfin. Zav. lab. 28 no. 8;929 '62.

HYDROCINNAMIC ACID

Derivatives of mellitic and phloretic acids and their effect on the growth of plants. A. N Kost, K K Bragina, B. M. Sheiman. Vest. Mosk. un. Ser. 6 Biol., pochv 17 no. 5;34-41 S-O '62.

HYDRODYNAMICS

Apropos of L. P. Kovalenko's study on the unsteady motion of water in open channels. V. A. Arkhangel'skii, N. A. Kartvelishvili, G. K. Mikhailov. Inzh.-fiz. zhur 5 no. 8;130-132 Ag '62.

Determination of noneroding velocities in enclosed channel flows and washout galleries. B. I. Studenichnikov. Trudy Gidrav. lab. VODGEO no. 8;81-88 '62.

E. P. Kovalenko's reply to readers' comments on his article on the unsteady motion of water in open channel. Inzh.-fiz. zhur. 5 no. 8;132-137 Ag '62.

Flow of a conducting liquid past an infinite cylinder in a high magnetic field. IA. P. Kotov, Kh. V. Valiev. Izv. AN Uz. SSR. Ser. fiz.-mat. nauk 6 no 5 88-89 '62.

Theory of the hydraulic impact of a slightly viscous liquid. D. N. Smirnov, L. B. Zubov. Trudy Gidrav. lab. VODGEO no. 8;140-154 '62.

Theory of turbulence in inhomogeneous flows. E. M. Khazen. Dokl. AN SSSR 147 no. 1;60-63 N '62.

Wave motions of an ideal liquid in vessels shaped as solids of revolution [with summary in English]. Y. A. Lukovskyi. Ukr. mat. zhur. 14 no. 2;160-169 '62.

HYDROELECTRIC POWER see subdivision under Georgia

HYDROELECTRIC POWER STATIONS see also subdivision under Dnieper Hydroelectric Power Station; Ir'kutsk Hydroelectric Power Station; Kama Hydroelectric Power Station; Kremenchug Hydroelectric Power Station, Volga Hydroelectric Power Station (22d Congress of the CPSU), Votkinsk Hydroelectric Power Station

HYDROFLUORIC ACID

Extraction of hydrofluoric acid by tributyl phosphate. G. P. Giganov, V. D. Ponomarev. Trudy Inst. met. i obog. AN Kazakh. SSR 5 109-114 '62.

High temperature hydrolysis of silicon tetrachloride in decomposition products of silicohydrofluoric acid N. P. Galkin, V. A Shubin, A. S. Krylov. Khim prom. no. 9 635-637 S '62.

HYDROGEN

Causes of explosions occurring during the purification of hydrogen by liquid nitrogen B D. Mel'nik. Khim. prom. no 9 625-630 S '62

Effective cross section for the scattering of slow electrons on hydrogen atoms [with summary in English]. V. N. Kolesnikov, V. V. Obukhov-Denisov. Zhur. eksp. i teor. fiz 42 no. 4, 1001-1009 Ap '62.

Elastic scattering of Λ-hyperons and K^+_1-mesons on hydrogen [with summary in English]. V. A. Ambarov and others. Zhur. eksp. i teor. fiz. 42 no. 4;979-984 Ap '62.

Electron capture and loss by fast hydrogen atoms passing through molecular gases [with summary in English]. D V. Pilipenko, IA M. Fogel'. Zhur. eksp. i teor. fiz. 42 no 4;936-943 Ap '62.

Equilibrium conditions in the reduction of copper ferrite $CuFe_2O_4$ by hydrogen. N. M. Stafeeva and others. Dokl. AN SSSR 146 no. 4;874-876 O '62.

Hydrogen permeability through molten slags. S. K. Chuchmarev, O. A. Esin, I. A. Novokhatskii. Izv. vys. ucheb. zav., chern. met. 5 no. 10;5-13 '62.

Irreversible polarographic catalytic space waves of hydrogen. V. G. Levich, B. I. Khaikin Dokl AN SSSR 147 no. 1;116-140 N '62

Ledovskii, D. I. [Oxygen and hydrogen] Kislorod i vodorod. Moskva, Izd-vo "Znanie," 1962. 44 p. (Narodnyi universitet kul'tury. Estestvennonauchnyi fakul'tet, no. 10)

Photoproduction of π^0-mesons on hydrogen and deuterium in the region of small angles A. S Belousov and others. Zhur. eksp. i teor. fiz. 43 no. 4 1550-1552 O '62

Simultaneous adsorption of hydrogen and oxygen on silica gel. E. K. Vasil'eva, S. V. Starodubtsev. Izv. AN Uz. SSR. Ser. fiz.-mat. nauk 6 no. 5;66-68 '62.

HYDROGEN—SPECTRA

New interpretation of the spectral properties of the hydrogen atom. I. S. Arzhanykh. Izv. AN Uz. SSR Ser. fiz.-mat. nauk 6 no. 5 86 '62.

On the asymmetry of hydrogen spectral lines in a plasma. L. P. Kudrin, G. V. Sholin. Dokl. AN SSSR 147 no. 2;342-345 N '62.

HYDROGEN BONDING

Hydrogen bonds of hydrohalides. I. M. Arefev, V. I Malyshev Opt i spektr. 13 no. 2;206-211 Ag '62

HYDROGEN HALIDES—SPECTRA

Hydrogen bonds of hydrohalides I. M. Arefev, V. I Malyshev Opt i spektr. 13 no. 2, 206-211 Ag '62

HYDROGEN-ION CONCENTRATION

Arylmethane dyes. Part 3: Certain relations between the structure and acid-basic properties of triphenylmenthane dyes. O. F. Ginzburg, F. M. Zavlin. Zhur. ob. khim. 32 no. 11;3559-3562 N '62.

Chemiluminescent catalytic reaction in the system luminol - copper - hydrogen peroxide. Part 3; Photoelectric method of studying the effect of pH and ammonia concentration. A. K. Babko, N. M. Lukovskaia Ukr. khim. zhur. 28 no. 8;968-972 '62.

Importance of molybdenum for the growth of isolated alfalfa roots in relation to the acidity and aluminum content of the medium [with summary in English]. E. I. Ratner, A. M. Smirnov, Khuan Khun-Shu [Huang Hung-Shu]. Fiziol. rast. 9 no. 3;279-288 '62.

Probability of hydrogen ionization by an electron impact [with summary in English]. U. V. Kononovich. Astron. zhur. 39 no. 6;1045-1047 N-D '62.

HYDROGEN PEROXIDE

Disintegration of clay and marl rocks under the influence of simultaneous application of hyposulfite and hydrogen peroxide. N. V. Averburg. Vop. mikropaleont. no. 6;147-148 '62.

HYDROGENATION

Bubble and foam method of whale oil hydrogenation. G. M. Pavlov, V. G. Orobei. Izv. vys. ucheb. zav.; pishch tekh. no. 4;84-87 '62.

Conjugated systems. Part 162; Direction of the addition of bromine and hydrogen to vinyl- and allyldimethylvinylacetylenylsilanes. M. D. Stadnichuk, A. A. Petrov. Zhur. ob. khim. 32 no. 11;3523-3527 N '62.

HYDROGENATION (Continued)
Production of naphthalene from aromatized raw materials by means of high temperature hydrogenation. A. A. Krichko, A. V. Lozovoi, L. S. Sovetova. Khim. prom., no. 6 387-391 Je '62.
Studying the hydrogenation of cottonseed oil in the foamy state. G. I. Kolesnikov, G. D. Minakova. Izv. vys. uchebn. zav., pishch. tekh., no. 4:77-83 '62

HYDROLOGY
(see also subdivision under Angara Valley; Bosporus; Neva River Estuary; Western Dvina River)
Theoretical outline for establishing the drift circulation in a basin having a cross section of the bottom profile. I. D. Postnova. Izv. AN SSSR. Ser. geofiz. no. 11 1663-1670 N '62.

HYDROLYSIS
Heterochain polyesters. Part 39. Role of hydrolysis of bis-(p-carboxyphenyl) methylphosphine oxychloride under interfacial polycondensation conditions [with summary in English]. V. V. Korshak, S. V. Vinogradova, U Ban-tuan' [Yu Pang-yuan]. Vysokom. soed. 4 no. 9 1320-1323 S '62.
High temperature hydrolysis of silicon tetrachloride in decomposition products of silicohydrofluoric acid. N. P. Galkin, V. A. Shubin, A. S. Krylov. Khim. prom. no. 9 635-637 S '62.
150th Anniversary of the discovery of catalytic hydrolysis of polysaccharides. D. V. Zheltukhin. Kin. i kat. 3 no. 2:301 Mr-Ap '62.

HYDROMETALLURGY
Hydrometallurgical treatment of copper matte. A. L. TSeft and others. Trudy Inst. met. i obog. AN Kazakh. SSR 5:72-76 '62.
Rhenium oxidation by atmospheric oxygen during the hydrometallurgical treatment of copper concentrates. K. B. Lebedev, T. Sh. Turekhodzhaeva. Trudy Inst. met. i obog. AN Kazakh. SSR 5:69-71 '62.

HYDROMETER
Adjusting device for hydrometric pickups. L. I. Vysotskii, A. M. Tuzhilkin. Izm. tekh. no. 9:30-31 S '62.
Measuring the density of liquids by the method of differential areometry. N. A. Figurovskii. Zav. lab. 28 no. 11:1340-1341 '62.

HYDROPEROXIDE
Alkaline cleavage of isopropylbenzene hydroperoxide. Part 4. Mechanism of the reaction. V. A. Belinev, M. S. Nemtsov. Zhur. ob. khim. 32 no. 11 3483-3493 N '62.
Decomposition of hydroperoxide groups in oxidized stactic polypropylene. V. V. Dudorov and others. Izv. AN Arm. SSR. Khim. nauki 15 no. 4 311-320 '62.

HYDROPHOBIA see Rabies

HYDROTHERAPY see subdivision under Sochi

HYDROXY COMPOUNDS
Determination of the number of free hydroxy groups in some biological objects by the method of partial substitution [with summary in English]. G. S. Katrukha, A. B. Silaev. Biokhimiia 27 no. 4:608-614 Jl-Ag '62.
Substitution of the halogen in azo compounds. Part 16: Substitution of chlorine in 2,6-dichloro(1-azo-1')benzene-3'-naphthol by alkoxy- and aroxy groups, and the preparation of 2,6-dihydroxyaniline ethers. B. I. Stepanov. Zhur. ob. khim. 32 no. 11 3741-3745 N '62.
Transformation of halogen-containing aromatic compounds in the presence of hexamethylenimine. Part 1: Substitution of a chlorine atom by a hydroxy group in o-chlorocarboxylic acids. V. N. Lisitsyn and others. Zhur. ob. khim. 32 no. 11 3734-3737 N '62.

HYDROXYL GROUP—SPECTRA
Variation of the spectrum of surface hydroxyl groups and the heat of adsorption on silica surface. V. IA. Davydov, A. V. Kiselev, V. I. Lygin. Dokl. AN SSSR 147 no. 1: 131-134 N '62

HYDROXYLAPATITE
Chromatographic behavior of purified liver esterase in hydroxylapatite columns [with summary in English]. S. A. Kibardin. Biokhimiia 27 no. 4 636-640 Jl-Ag '62.

HYGIENE
Rybasov, V. A., and M. D. Shmatikov. [Personal hygiene] Lichnaia gigiena. Moskva, Izd-vo "Znanie," 1962. 38 p. (Narodnyi universitet kul'tury: Fakul'tet zdorov'ia, no. 9)
Us, A. P., comp. [Book of useful advice] Kniga poleznykh sovetov. Tashkent, Ob"edinennoe izd-vo "Kzyl Uzbekistan," "Pravda Vostoka" i "Uzbekistoni Surkh," 1961. 611 p.

HYGIENE, RURAL see Public health, Rural

HYGROMETRY
Thermoelectric method of studying the relative humidity of the air in relation to the height above the surface of the soil. R. N. Liakhova. Trudy Stavr. sel'khoz inst. no. 9, 117-120 '60.

HYPERONS
Origin of high-energy cosmic muons and photons and the hyperon hypothesis [with summary in English]. IU. D. Kotov, I. L. Rozental'. Zhur. eksp. i teor. fiz. 43 no. 4 1411-1418 O '62.

HYPERONS—SCATTERING
Elastic scattering of Λ-hyperons and K^0_1-mesons on hydrogen [with summary in English]. V. A. Arbuzov and others. Zhur. eksp. i teor. fiz. 42 no. 1 979-981 Ap '62.

HYPERSPACE
Einstein spaces of maximum mobility. V. R. Kaigorodov. Dokl. AN SSSR 146 no. 4:793-796 O '62

HYPERSUSCEPTIBILITY see Anaphylaxis

HYPERTENSION
Blood changes in the early stages of hypertension. V. M. Avalian. Trudy Erev. med. inst. no. 11:237-249 '60.
Changes in the blood lipid content in arteriosclerosis and hypertension during the process of treatment. A. A. Katanian, E. F. Manukian. Trudy Erev. med. inst. no. 11:211-215 '60.
Changes in the coronary arteries of the heart in hypertension with acute and chronic coronary insufficiency [with summary in English]. L. I. Likht. Vrach. delo no. 8 32-37 Ag '62.
Characteristics of headache in those suffering from hypertension according to biotron data [with summary in English]. IU. K. Lushchin. Vrach. delo no. 8:37-42 Ag '62.
Dispensary observation of hypertension patients under the conditions of a regional hospital. M. I. Fatuln. Sov. med. 26 no. 10:145-146 O '62.
Effect of sodium thiosulfate on the clinical course of hypertension and the content of adrenal substances in the blood [with summary in English]. V. IA. Kononenko, I. F. Semenko. Vrach. delo no. 8:26-31 Ag '62.
Efficacy of hypertension treatment at the Sochi-Matsesta Health Resort. A. T. Bondarenko. Vop. kur., fizioter. i lech. fiz. kul't. 27 no. 2 143-146 Mr-Ap '62.
Electrosleep as a method of neurotropic therapy of hypertension [with summary in English]. G. V. Sergeev. Sov. med. 26 no. 10 42-46 O '62.
Functional state of the pancreas in hypertension. L. S. Kvint. Zdrav. Bel. 8 no. 2 34-36 F '62.
Interrelation of glaucoma with hypertension. E. D. Blavatskaia. Trudy Erev. med. inst. no. 11:409-413 '60.
Method for a more extensive study of mortality in hypertension. TS. V. IAsinskii. Sov. zdrav. 21 no. 8 26-30 '62.
Morphological changes in the extra- and intramural neural apparatus of the lungs in hypertension [with summary in English]. IU. L. Butov. Vrach. delo no. 8: 42-48 Ag '62.
Role of the psychogenic factor in the development of hypertension [with summary in English]. S. I. Karchikian. Vrach. delo no. 8:16-22 Ag '62.
Significance of an ophthalmoneurological study in diagnosing hypertonic insults with a tumoral course. A. M. Pulatov. Zdrav. Tadzh. 9 no. 4:56-59 Jl-Ag '62.
Stomach function in patients with hypertension. A. S. Chizhikov. Zdrav. Bel. 7 no. 11 12-15 N '61.
Treatment of hypertension with reserpine in combination with hypothiazide. I. N. Bronovets. Zdrav. Bel. 8 no. 7:25-27 Jl '62.

HYPERTHYROIDISM
Change in some vegetative functions in thyrotoxicosis during treatment with radioactive iodine [with summary in English]. IU. Kh. Afanas'ev. Vrach. delo no. 8: 101-105 Ag '62.
Combined treatment of thyrotoxicosis using radioactive and stable iodine. IU. E. Livergant. Med. rad. 7 no. 7:30-33 Jl '62.
Immediate results of the surgical treatment of thyrotoxicosis. IU. V. Riabov. Sov. med. 26 no. 6:122-124 '62.
"Neurological analysis of thyrotoxicosis" by D. I. Fridberg. Reviewed by V. D. Nerobeev. Zhur. nevr. i psikh. 62 no. 6:949-950 '62.
"Surgical treatment of thyrotoxicosis" by V. G. Astapenko. Reviewed by G. F. Los'. Zdrav. Bel. 8 no. 2:75-76 F '62.
Use of hexonium and a "lytic" cocktail in the surgical treatment of thyrotoxicosis. M. I. Mishenin. Zdrav. Bel. 8 no. 7:42-45 Jl '62.

HYPNOTISM—THERAPEUTIC USE
Hypnotherapeutic method in hysteric gait disorders. D. M. Kulik. Zdrav. Bel. 8 no. 2:30-32 F '62.

HYPOPHYSECTOMY
Pathogenesis of the eosinopenic reaction in terminal states; report no. 1 [with summary in English]. M. G. Kolpakov, V. I. Fedenkov, O. V. Shushpannikova. Probl. endok. i gorm. 8 no. 4:19-23 Jl-Ag '62.

HYPOTHALAMUS
Hypothalamic regulation of the thyrotropic function of the hypophysis and thyroid gland; a review. IU. B. Skabelskaia. Probl. endok. i gorm. 8 no. 4:119-125 Jl-Ag '62.

HYPOTHERMIA
Effect of a somatotropic hormone of the hypophysis on gas exchange in rats of different ages in the recovery period after hypothermia [with summary in English]. N. A. Isichenko. Probl. endok. i gorm. 8 no. 4 29-34 Jl-Ag '62.
Moiseikii, L. I. [Physiology of hypothermia] Fiziologiia gipotermii. Iaroslavl', 1958. 236 p. (Yaroslavl. Gosudarstvennyi pedagogicheskii institut. Uchenye zapiski, no. 41)
Use of hypothermia in cerebral edema after an operation on the heart with artificial blood circulation [with summary in English]. A. S. Libov and others. Vest. khir. no. 5 78-81 '62.
Vsesoiuznaia konferentsiia patofiziologov, 3d, Sverdlovsk, 1958. [Transactions of the Third All-Union Conference of Pathophysiologists] Trudy. Tashkent, Medgiz UzSSR No. 3. [Artificial hypothermia] Iskusstvennaia gipotermiia. Pod red. I. R. Petrova i M. N. Khanina. 1961. 102 p.

IAKIR, IONA EMMANUILOVICH, 1896-1937
Second order of the Soviet Republic. IU. A. Geller. Ist. arkh. 8 no. 1:232-241 Ja-F '62.

IBERIA (GEORGIA)—COINS, GREEK
Duration of the circulation of Augustus' denarius and Gotarzes' drachmas in ancient Iberia. D. G. Kapanadze. Sov. arkheol. 6 no. 1 59-65 '62.

IBERIA (GEORGIA)—COINS, ROMAN
Duration of the circulation of Augustus' denarius and Gotarzes' drachmas in ancient Iberia. D. G. Kapanadze. Sov. arkheol. 6 no. 1:59-65 '62.

IBEX see subdivision under Tajikistan

ICE AGE see also subdivision 'Glacial epoch' under Altai Mountains, Pamirs, Russia, Northern, Volga Valley

ICE CRYSTALS
Growth of spherical ice crystals. N. V. Glikl, A. A. Elisseev, N. M. Marchenko. Kristallografiia 7 no. 4 609-612 Jl-Ag '62

ICE ON RIVERS, LAKES, ETC
(see also subdivision under Russia, Northern)
Changes caused by slush ice jams in the discharges of water in long canals with gravity flow. A. S. Obrazovskii. Trudy Gidrav. lab. VODGEO no. 8 5-26 '62.

ICHNEUMON FLIES see subdivision under Armenia

ICONS see subdivision under Novgorod

ICTERUS (PATHOLOGY) see Jaundice

IDENTIFICATION
Comparative anatomical, specific identification of bones in its forensic medical aspect. V. I. Pashkova. Sud.-med. ekspert. 5 no. 3:27-30 O-D '62.

IDENTIFICATION OF THE DEAD see Dead—Identification

IGNATEV, NIKOLAI PAVLOVICH, 1832-1908
N. P. Ignat'ev's mission to Khiva and Bukhara in the light of the data in A. G. Serebrennikov's "Collection of documents." L. Mirzaeva. Nauch. rab. i soob. Otd. obshchestv. nauk AN Uz. SSR 4:233-239 '61.

ILEUM
Retrograde invagination of the small intestine in ascariasis, Meckel's diverticulum, and acute phlegmonous appendicitis. V. G. Sanin. Vest. khir. 87 no. 11:115-117 N '61.

ILEUM—CANCER
Malignant teratoma of the left ovary growing into the ileum. V. A. Izmailovich. Zdrav. Bel. 7 no. 11:51-55 N '61.

ILEUM—DISEASES
Diverticulitis caused by ascariasis. I. I. Polubisok. Zdrav. Bel. 8 no. 7:79-80 Jl '62.

ILEUM—SURGERY
Technic of surgery in erroneously placed gastroileoanastomosis following resection of the stomach. V. M. Velichenko. Khirurgiia no. 12:105-110 '61.

ILEUM—TRANSPLANTATION
Intestinal plastic surgery of the ureter in hydroureteronephrosis. V. A. Orlov. Urologiia no. 1:82-84 '62.

ILEUM—TUBERCULOSIS
Neoplastic form of tuberculous ileotyphlitis. S. N. Genyk. Vrach. delo no. 8:149-151 Ag '62.

ILLITERACY see subdivision under Kirgizistan; Tashkent

IL'MEN MOUNTAINS—MINERALS
Grodenskii, G. P. [Ural treasure; through the Il'men Preserve] Ural'skaia kladovaia, po Il'menskomu zapovedniku. [2., dop. izd.] Leningrad, Detgiz, 1962. 123 p.

IL'MEN' PRESERVE—ALDER

Comparative ecologic characteristics of black and green alder, pubescent birch, and Scotch pine in swampy forests of the Il'men' Preserve. IU.Z.Kulagin. Trudy Il'm.gos.zap. no.8:145-155 '61.

IL'MEN' PRESERVE—BIRCH

Comparative ecologic characteristics of black and green alder, pubescent birch, and Scotch pine in swampy forests of the Il'men' Preserve. IU.Z.Kulagin. Trudy Il'm.gos zap no.8,145-155 '61.

IL'MEN' PRESERVE—BOTANY

Synopsis of flowering plants in the Il'men' Preserve. E.V.Dorogostaiskaia. Trudy Il'm.gos.zap. no.8:9-50 '61.

IL'MEN' PRESERVE—FOREST FIRES

Forest fires and characteristics of the reproduction of pine and birch on burned areas in the Il'men' Preserve. S.L.Ushkov. Trudy Il'm.gos.zap. no.8:157-168 '61.

IL'MEN' PRESERVE—FOREST INSECTS

Insect pests feeding on coniferous needles and young larches in the Il'men' Preserve. IU.I Novozhenov. Trudy Il'm.gos.zap. no.8 183-193 '61.

IL'MEN' PRESERVE—FOREST REPRODUCTION

Forest fires and characteristics of the reproduction of pine and birch on burned areas in the Il'men' Preserve. S.L.Ushkov. Trudy Il'm.gos.zap no.8 157-168 '61.

IL'MEN' PRESERVE—FUNGI

Mycoflora in the forests of the Il'men' Preserve. N.T.Kartavenko. Trudy Il'm.gos.zap. no.8 85-101 '61.

IL'MEN' PRESERVE—OAK

Cultivation of English oak in the Il'men' Preserve. G.P. Petrov. Trudy Il'm.gos.zap. no.8 195-203 '61.

IL'MEN' PRESERVE—PINE

Comparative ecologic characteristics of black and green alder, pubescent birch, and Scotch pine in swampy forests of the Il'men' Preserve. IU.Z.Kulagin. Trudy Il'm gos.zap no 8:145-155 '61.

IL'MEN' PRESERVE—TREES

Ecologic and taxonomic survey of trees of the Il'men' Preserve. IU.Z.Kulagin. Trudy Il'm.gos.zap. no.8: 51-56 '61

IMMACULATE CONCEPTION

Immaculate Conception. Nauka i rel 4 no.10:84-85 O '62

IMMUNITY

Effect of ionizing radiations on the course of infection and the state of immunity in experimental measles in monkeys B A Lapin, Z K Stasilevich. Med rad. 7 no.7 62-67 Jl '62.

Indications of nonspecific immunity in children in chronic nutrition disorders of varying etiology. E.M. Fateeva and others Vop.okh.mat.i det 7 no.4,47-52 Ap '62.

Methods of immunotherapy increasing the effectiveness of treatment with antibiotics of typhoid fever and dysentery [with summary in English]. K V.Bunin Sov med 26 no.6:41-52 Je '62.

IMMUNOHEMATOLOGY

Comparative immunological study of the complementary function of the blood in fishes. V.I Luk'ianenko, E.K. Mieserova. Dokl.AN SSSR 146 no.4 971-974 O '62.

Significance of the antiglobulin reaction in clinical and experimental immunohematology. P.Ivanyi and others Probl.gemat i perel.krovi no.11:24-30 '62.

IMMUNOLOGY

Data on the use of immunological reactions in studying rheumatic psychoses [with summary in French]. G.A. Makeev Zhur.nevr.i psikh. 62 no.6:903-909 '62.

Dynamics of the immunological indices in neural rheumatism with various methods of therapy [with summary in English]. E.T IUnusova. Sov.med. 26 no.10 92-98 O '62.

Lymphoid tissue and immunogenesis Vop.virus. 7 no.5:629-630 S-O '62.

Petrov, R.V. [Immunology of acute radiation lesions] Immunologiia ostrogo luchevogo porazheniia. Moskva, Gosatomizdat, 1962. 266 p. (DNLM)

Study of the immunological reaction of the body of the recipient in heterotransplantation of fresh and preserved tissues in an experiment [with summary in English in insert]. E M Meerson, M M Kapichnikov Ortop. travm i protez 23 no 5 61-66 My '62.

Viazov, O.E. [Immunology of embryogenesis] Immunologiia embriogeneza. Moskva, Medgiz, 1962. 326 p. (DNLM)

IMMUNOLOGY—ABSTRACTS

Annotations. Zhur.mikrobiol., epid.i immun. 32 no.12: 120-125 D '61.

IMMUNOLOGY—BIBLIOGRAPHY see Bibliography—Immunology

IMPOTENCE

Surgical methods in the treatment of impotence [with summary in English] G.I.Gol'din. Urologiia no.1 76-81 '62.

IMPREGNATION, ARTIFICIAL see Artificial insemination

INCENTIVES IN INDUSTRY

Improving the forms and methods of material incentives V.Sukharevskii Vop.ekon no.11 13-27 N '62.

Improving the system of material incentives in enterprises. Vop.ekon. no.10 147-140 O '62.

"Legal regulations on incentives for efficient work" by S S Kartashkii Reviewed by M.Syniavs'kyi, O Lapai Rad.pravo no 6 142-143 N-D '62.

Material incentives for fulfilling planned high quotas. F.Veselkov. Vop.ekon. no.10:3-15 O '62.

Pashkevich, O.N., and E.A. Lutokhina. [When you work for society you work for yourself] Trud dlia obshchestva - trud dlia sebia. Minsk, 1962. 31 p. (Obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii Belorusskoi SSR, no.17)

The plan and material incentives. D.Onika. Vop.ekon. no.11 28-36 N '62.

Problems of the economic stimulation of enterprises. I.Kasitskii and others Vop.ekon. no.11 87-142 N '62.

INCOME

(see also subdivision under United States)

Effect of the economic relations of a Union Republic on the volume of its national product and national income. L.Terasov. Nauch.dokl.vys.shkoly, ekon.nauki 5 no.6:38-48 '62.

Men'shykov, V.P. [National income and its distribution in the U.S.S.R.] Natsional'nyi dokhod i joho rozpodil v SRSR. Kyiv, Derzhpolitvydav URSR, 1962. 36 p. (Na dopomohu vyvchaiuchym materialy XXII s'izdu KPRS)

INCUBATION

Incubation technique for duck and goose eggs cooling them within incubators. A.U.Bykhovets. Nauk.pratsi Ukr. nauk.-dosl.inst.ptakh. 9 no.1,62-66 '61.

Semiconductor thermistors in experimental studies of the hatching temperature of wild birds. M.S.Dolbik. Vop.ekol. 4 102-103 '62.

INDER REGION—SALT DOMES

Geological structure of a cap rock in the Caspian Sea region. S.S.Korchov. Dokl.AN SSSR 146 no.4: 881-883 O '62.

INDEX NUMBERS (ECONOMICS)

Consolidated indices of collective and state farm work evaluation. S Cheremushkin, M Gornykh. Plan khoz 39 no.11 60-67 N '62

INDIA—HISTORY

Agrammes-Ugrasena-Nanda and Chandragupta's accession to the throne. G.M.Bongard-Levin. Vest.drev. ist. no.4:3-20 '62.

INDIA—POLITICS AND GOVERNMENT

Political societies of the national bourgeoisie in southern India before the formation of the Indian National Congress. M.M.Kutina. Nauch.rab.i soob.Otd.obshchestv.nauk AN Uz.SSR 4,384-391 '61.

INDIA—TECHNICAL ASSISTANCE, UKRAINIAN

Mister Myronenko. Anatolii Plokhotnyk. Ukraina no.23:18-19 D '62

INDIUM

Determination of gamma-quantities of indium and gallium in ores and products of their treatment using the method of isotope dilution. L.N.Kuznetsova, B.L. Serebrianyi Izv.vys.ucheb.zav.,tsvet.met. 5 no.3 107-113 '62.

Photoneutrons from In[116 [with summary in English] E.S. Annshkina. Zhur.eksp.i teor.fiz 43 no.4 1197-1201 O '62.

INDIUM—ANALYSIS

Extraction-photometric determination of small amounts of indium in tin-containing materials. I.S.Levin, T.G. Azarenko. Zav.lab. 28 no.11:1313-1316 '62.

INDIUM ANTIMONIDE

Optical study of the magnetic constriction of an electronhole plasma in InSb [with summary in English]. B.D. Osipov, A.N.Khvoshchev. Zhur.eksp.i teor.fiz. 43 no.4 1179-1183 O '62.

INDIUM-ANTIMONY ALLOYS

Some phenomena induced in n-type indium antimonide by radio-frequency radiation [with summary in English]. T.M.Lifshits and others. Zhur.eksp.i teor.fiz. 42 no.4:959-966 Ap '62.

Surface tension of melts of the indium - antimony system. V.B.Lazarev, M.IA.Dashevskii. Dokl. AN SSSR 146 no.4:822-825 O '62.

INDIUM-TIN ALLOYS—CORROSION

Effect of surface-active agents on the corrosion resistance of indium, tin, and indium-tin alloys. I.D. Vdovenko, N.N.Gratsianskii. Ukr.khim.zhur. 28 no.8:981-985 '62.

INDOLACETIC ACID

Participation of heteroauxins in the translocation of auxins in plants [with summary in English] K.I. Povolotskaia, IU V.Rakitin, I V.Khovanskaia. Fiziol. rast. 9 no 3 303-308 '62.

INDOLE

Derivatives of indole Report No.9: α,β-Dimethyltryptamine and its 5-methoxy derivatives. A.V. Mikhitarian and others. Izv.AN Arm.SSR,Khim.nauki 15 no.4 379-384 '62

Effect of serotonin and some indole derivatives on the local anesthetic activity of cocaine, novocaine, dicaine and sovcaine A.S. Zakharevskii Zdrav.Bel 8 no.2 39-41 F '62

INDOLINE

Condensed systems with a nitrogen heteroatom. Part 5: Formation of the hydroxyquinolone structure in the Fisher reaction involving 1-aminoindolines. L.G. IUdin, S.A.Popravko, A.N.Kost. Zhur.obs.khim. 32 no.11 3586-3590 N '62.

INDOLOL

Mechanism of the action of serotonin on tumors. Protection of active groups of 5-oxytryptamine from oxidation in the body [with summary in English] P.Ch Pukhal'skaia. Vop.med.khim. 8 no.1:42-47 Ja-F '62.

INDUCTANCE

Approximate calculation of the inductance of two parallel sheets connected by cylindrical conductors in a high frequency system. G.A Sheerman Zhur.tekh.fiz 32 no.11,1349-1350 N '62.

INDUCTANCE—MEASUREMENT

Concerning the accuracy of a resonance method for measuring small variations of capacitance and inductance. IA.N Kolli, A.L.Frumkin. Izv.vys.uch.zav., radiotekh. 5 no.5,616-618 S-O '62

INDUCTION (ELECTRICITY)

Topography of a magnetic field, induction currents and hydromagnetic oscillations of a plasma in a pulsed electrodeless discharge M.D Galanovich, L.M Mitropan Zhur.tekh.fiz 32 no.11 1371-1375 N '62.

INDUCTION HEATING

Automatic machine for induction heat treatment of tractor journals. P.I.Shevchenko, L.A.Grankin. Biul.tekh.-ekon.inform.Gos.nauch.-issl.inst.nauch. i tekh.inform. no.11 47-48 '62.

Glukhanov, N.P., and V.N. Bogdanov. [Welding metals with high-frequency heating] Svarka metallov pri vysokochastotnom nagreve. Moskva, Mashgiz, 1962. 109 p.

Step-up transformer for induction heating. V.G. Tikhomirov. Vest.elektroprom. 33 no.7:19-20 Jl '62.

Use of induction heating in the production of sheet steel. V.N. Bogdanov, V.A. Poiushkovich. Shor.trud. TSNIICHM no.28:197-211 '62.

Using high-frequency heating for the determination of carbon content in alloys. S.V. Berezhnaiev, A.G. Perumarenko, P.F.Agafonov. [Shor.trud.] Nauch.-issl. inst.met. no.4:181-183 '61.

INDUCTION HEATING—EQUIPMENT AND SUPPLIES

Over-all mechanization of induction hardening. V.N. Ivanov. Mekh.i avtom.proizv. 16 no.10:7-11 O '62.

INDUSTRIAL BUILDINGS

(see also subdivision under Germany, East, Volgograd Province)

Design and construction of industrial buildings with composite roofs. L. Zeigermeister, L. Shamaev. Prom.stroi. i inzh.soor. 4 no.2:8-12 Mr-Ap '62.

Experimental construction of an industrial building S. Ostapenko Prom.stroi i inzh.soor. 4 no.2 1-4 Mr-Ap '62.

The grouping of industrial buildings as a factor in increasing the effectiveness of capital investment in construction N.N.Kim. Izv ASiA no 3 60-65 '62

In the Central Industrial Buildings and Structures Research and Experimental Planning Institute. Biul.stroi tekh. 19 no.5 39-40 My '62.

Industrial building with a span of 24 m. and with a column network 24 X 12 m. N. Tarasevich Prom.stroi. i inzh.soor. 4 no.2 4-8 Mr-Ap '62.

Precast reinforced concrete hipped roof. A. Stetsenko, IA. Rabinovich. Prom.stroi. i inzh.soor 4 no.2: 13-15 Mr-Ap '62.

INDUSTRIAL BUILDINGS—DESIGN AND CONSTRUCTION

The basic regulations on standardization of three-dimensional plans and design details of industrial buildings. Biul.stroi.tekh. 19 no.11:7-12 N '62

INDUSTRIAL COSTS see Costs, Industrial

INDUSTRIAL EFFICIENCY see Efficiency, Industrial

INDUSTRIAL EQUIPMENT

(see also subdivision under Kazakhstan; Uzbekistan)

We strengthen and develop business traditions of the association. A. Shchirovskii. Vnesh.torg. 42 no.11: 43-45 '62.

INDUSTRIAL EQUIPMENT—INVENTORIES

Practice in carrying out an inventory of capital assets in the U.S.S.R. A.V. Bazhan. Vop. stat. i ucheta no. 5 100-107 '61.

INDUSTRIAL HYGIENE
(see also subdivision under Kalinin; White Russia)

Editor's mail. N. Bondar' and others. Okhr. truda i sots. strakh. 5 no. 10:32-33 O '62.

How to prevent respiratory diseases in industry. N. Sadovskaia. Okhr. truda i sots. strakh. 5 no. 10, 23. O '62.

Let's make room for community participation. G. Podel'shchikov. Okhr. truda i sots. strakh. 5 no. 10:3-4 O '62.

Our most important task is to reduce the sick rate. Okhr. truda i sots. strakh. 5 no. 10:1-2 O '62.

Typical physiological mechanisms in industrial fatigue. S.A. Kosilov. Teor. i prak. fiz. kul't. 25 no. 6 41-44 Je '62.

INDUSTRIAL HYGIENE—RESEARCH

Catching up with life. B. Vasil'ev. Okhr. truda i sots. strakh. 5 no. 10, 34 O '62.

INDUSTRIAL MANAGEMENT
(see also subdivision under Armenia, Europe, Eastern; Kazakhstan; Kuybyshev, Lvov Economic region; Lvov Province; Moscow; Moscow Province; Perm Province)

Application of linear programming to assortment planning. L. Terekhov. Plan. khoz. 38 no. 11 72-78 N '62.

Be a zealous manager. Sov. profsoiuzy 18 no. 21:2-3 N '62.

Economic development and the improvement of its planning. S. Starostin. Kommunist 38 no. 17:16-25 N '62.

Forms and methods of public supervision over the management of government-owned industrial enterprises. E.P. Popova. Uch. vyp. ucheb. zav., prav. 6 no. 3:115-125 '62.

Improving the forms and methods of material incentives. V. Sukharevskii. Vop. ekon. no. 11:13-27 N '62.

Improving the system of material incentives in enterprises. Vop. ekon. no. 10 147-148 O '62.

In the State Committee on Automation and Mechanization at the Council of Ministers of the U.S.S.R. Mekh. i avtom. proizv. 16 no. 10:57 O '62.

Indices of a regular production flow. V.E. Adamov. Vop. stat. i ucheta no. 5 72-94 '61.

Indices of production planning and labor productivity. S. Krymskii. Plan. khoz. 38 no. 11:42-47 N '62.

Khrushchev, N.S. [Development of the U.S.S.R. economy and party guidance of the national economy] Razvitie ekonomiki SSSR i partiinoe rukovodstvo narodnym khoziaistvom; doklad na Plenume TsK KPSS 19 noiabria 1962 goda. Moskva, Gospolitizdat, 1962. 111 p.

Let us combine organizational work with ideological training. Part. zhizn' Kazakh. 32 no. 11:3-8 N '62.

Material incentives for fulfilling planned high quotas. F. Veselkov. Vop. ekon. no. 10:3-15 O '62.

The plan and material incentives. D. Onika. Vop. ekon. no. 11 28-36 N '62.

Problems of the economic stimulation of enterprises. I. Kasilakii and others. Vop. ekon. no. 11:87-142 N '62.

Several characteristics and principles of the organization of business accounting in a plant. G. Grenbek. Nauch. dokl. vys. shkoly, ekon. nauki 5 no. 6 66-73 '62.

Soviet man's good name. A. Shklover. Nar. khoz. Uzb. 4 no. 10 18-22 O '62.

Specialization of the light industry enterprises. D.F. Beloshapkin. Tekst. prom. 22 no. 11 5-8 N '62.

Using calculating machines in controlling and managing production processes. N.M. Kolpakov. Mekh. i avtom. proizv. 16 no. 10:51-53 O '62.

The working capital of enterprises. L.D. Voitiuk, Sh. Sh. Chitaikii. Tekst. prom. 22 no. 11:8-10 N '62.

INDUSTRIAL MANAGEMENT—CONGRESSES

Speedy economic mastering of new enterprises is an important state task. V. Patrushev, P. Shemetov. Vop. ekon. no. 11:150-160 N '62.

INDUSTRIAL MANAGEMENT—RESEARCH see subdivision under Moscow

INDUSTRIAL MEDICINE see Medicine, Industrial

INDUSTRIAL MUSEUMS see subdivision under Tashkent

INDUSTRIAL ORGANIZATION
(see also subdivision under Armenia; Lvov Economic region; Moldavia; Uzbekistan)

The Communist Party is leading our country toward new achievements. Ukraina no. 23:2-3 D '62.

K[illegible] economy [illegible] national [illegible] al Committee of the CPSU based on the report of Comrade N.S. Khrushchev adopted on November 23, 1962] O razvitii ekonomiki SSSR i perestroike partiinogo rukovodstva narodnym khoziaistvom; postanovlenie Plenuma TsK KPSS po dokladu tovarishcha N.S. Khrushcheva, priniatoe 23 noiabria 1962 goda. Moskva, Gospolitizdat, 1962. 14 p.

Let us carry out the decisions of the plenary session of the Central Committee of the CPSU in November 1962. Kommunist 39 no. 17:3-15 N '62.

Sochinskii, A.R. [Principles of the organization of an industrial enterprise] Osnovy organizatsii promyshlennogo predpriiatiia, uchebnoe posobie dlia kursov podgotovki i povysheniia kvalifikatsii bukhgalterov promyshlennosti. Izd. 2, perer. i dop. Pod red. P.IA. Vlasova. Moskva, Ekonomizdat, 1962. 323 p.

Soviet firms. I. Bianiuk. Agitator no. 21-23-26 N '62.

Toward new achievements. Agitator no. 24:6-9 D '62.

Zhil'tsov, D.P. [Organization of the administration of socialist enterprises] Kak organizovano upravlenie sotsialisticheskimi predpriiatiiami. IUzhno-Sakhalinsk, Sakhalinskoe knizhnoe izd-vo, 1961. 39 p. (Vpomoshch' slushateliam nachal'nykh ekonomicheskikh shkol i kruzhkov)

INDUSTRIAL PLANTS
Economic efficiency of interlocking related industrial processes. B. Gervasiuk. Prom. stroi. i inzh. soor. 4 no. 2 52-54 Mr-Ap '62.

INDUSTRIAL PLANTS—LIGHTING

Shaikevich, A.S. [Quality of industrial electric-lighting systems and methods for their improvement] Kachestvo promyshlennogo osveshchenia i puti ego povysheniia. Moskva, Gosenergoizdat, 295 p.

INDUSTRIAL PLANTS—STANDARDS
"General plans of industrial enterprises. Standards of design." Biul. stroi. tekh. 19 no. 11 12-15 N '62.

Standards for the technical design of enterprises for the production of asbestos-cement products. Biul. stroi. tekh. 19 no. 11 21-22 N '62.

INDUSTRIAL SAFETY
Consultations. Bezop. truda v prom. 6 no. 6 32 Je '62.

Following up articles published in "Bezopasnost' truda v promyshlennosti." Bezop. truda v prom. 6 no. 6:30 Je '62.

INDUSTRIAL SAFETY—LAW AND LEGISLATION
How to prevent the violation of industrial safety rules. I. Lanovenko. Rad. pravo no. 6 70-76 N-D '62.

INDUSTRIAL STATISTICS
(see also subdivision under Kazakhstan)

Indices of a regular production flow. V.E. Adamov. Vop. stat. i ucheta no. 5 72-94 '61.

Several problems in classifying branches and products in an interbranch balance. IU.M. Shvyrkov. Och. po sovr. sov. i zarub. ekon. no. 3 20-37 '62.

INDUSTRIAL TECHNICIANS see Technicians in industry

INDUSTRIAL TELEVISION

Effective means of checking the condition of the casing columns of the holes of underground gas producers. V.V. Zhukov. Nauch. trudy VNIIPodzemgaza no. 7:69-73 '62.

Television methods of measuring the dimensions of objects. V.S. Polonik. Tekh. kino i telev. 6 no. 11:31-39 N '62.

Using television calculating equipment in automatic dimension control. V.S. Vikhman. Izm. tekh. no. 11:3-14 N '62.

INDUSTRIAL WASTES

Effect of waste waters from the gas slate industry on the sanitary state of the Plyussa River and the Narva Reservoir. A.I. Makhinenko, E.V. Teplikova. Trudy LSGMI no. 68:161-166 '61.

Purification of waste waters in the antibiotics industry. N.A. Zatkina, N.P. Elinov, P.A. IAkimov. Trudy Len. khim.-farm. inst. no. 15:270-284 '62.

Results of pilot plant tests on the utilization of waste waters from the Zyrianovsk Ore Dressing Plant in the dressing of sulfide ores. N.P. Shakhmatova. TSvet. met. 35 no. 7:83-86 Jl '62.

Sanitary conditions for the emptying into reservoirs of waste waters from the roofing industry. Van Tszy-shi [Wang Tz'u-shih]. Trudy LSGMI no. 68:150-160 '61.

INDUSTRIALIZATION
High road of the contemporary history of mankind. Zav. lab. 28 no. 11:1283-1284 '62.

INDUSTRIES, LOCATION OF
(see also subdivision under Kazakhstan)

Layout for a district and efficient distribution of industrial enterprises. N.IA. Burlakov. Izv. ASIA no. 3:75-79 '62.

Mathematical methods for the optimum distribution of enterprises in the multistage production and consumption systems. V. Mash. Vop. ekon. no. 10:75-86 O '62.

INDUSTRY—ABSTRACTS
[Economics of industry] Ref. sbor.: Ekon. prom. no. 11 N '62.

INDUSTRY—BIBLIOGRAPHY see Bibliography—Industry

INDUSTRY AND ART see Art and industry

INEQUALITIES (MATHEMATICS)

Determination of rigorous inequalities between the absolute values of roots in the transformation of algebraic equations by Lobachevskii-Gräffe's method. A.N. Kostovskii. Dokl. AN SSSR 147 no. 2:287-289 N '62.

INFANTS—DISEASES

Clinical characteristics of bronchial asthma in infants [with summary in English]. O.N. Mizernitskaia. Vop. okh. mat. i det. 7 no. 7:34-40 Jl '62.

Nisevich, N.I., and A.G. Avanesova. [Dysentery and other intestinal infections in infants] Dizenteriia i drugie kishechnye infektsii u detei rannego vozrasta. Moskva, Medgiz, 1962. 203 p. (DNLM)

Tuberculosis of the middle ear in young nursing infants [with summary in English]. A.S. Samokhvalova. Zhur. ush., nos. i gorl. bol. 22 no. 2:58-62 Mr-Ap '62.

INFANTS (NEWBORN)—DISEASES

Congenital leukemia. L.B. IUshkevich. Probl. gemat. i perel. krovi no. 11:14-18 '62.

Surgery in large embryonal hernia with favorable outcome. V.I. Kiselev. Vop. okh. mat. i det. 7 no. 4:90-91 Ap '62.

INFANTS (NEWBORN)—MORTALITY

Nickel and cobalt content in the organs of newborn infants dying from bronchopneumonia during the first days of life. L.T. Sakovich-Lomako. Zdrav. Bel. 8 no. 2 28-30 F '62.

INFECTION

Acute delirium syndrome in periodic catatonia and in infections [with summary in French]. A.N. Molokhov. Zhur. nevr. i psikh. 62 no. 6, 866-873 '62.

INFLAMMATION

Characteristics of early inflammatory reactions in some Coelenterata (Staurophora mertensii Brandt, 1835, Surelia aurita L., Beroe cucumis Fabr.). E.V. Prazdnikov, I.G. Mikhailova. Trudy MMBI no. 4:221-228 '62.

Inflammatory reactions in mussels (Mytilus edulis L.) of the Barents Sea. I.G. Mikhailova, E.V. Prazdnikov. Trudy MMBI no. 4:208-220 '62.

Leucocyte index of intoxication in some inflammatory diseases. M.G. Shebuev. Sov. med. 28 no. 7:138-140 Jl '62.

Some experimental data regarding the interrelationship between inflammation and cancer. L.M. Shabad. Vop. onk. 8 no. 8:74-80 '62.

INFLORESCENCE

Yield of the Washington navel orange as related to the sterility and doubling of the flower [with summary in English]. I.S. Kapanadze. Subtrop. kul't. no. 2:101-105 '62.

INFLUENZA

Case of severe postinfluenzal optic chiasmatic arachnoiditis. A.L. Ostapenko. Trudy Turk. nauch.-issl. trakh. inst. 6:177-179 '60.

Clinical aspects and pathogenesis of diencephalitis of influenzal etiology. A.F. Makarchenko and others. Zhur. nevr. i psikh. 62 no. 6, 825-832 '62.

Influenza and acute respiratory diseases of adenovirus etiology in adults [with summary in English]. E.S. Ketiladze and others. Sov. med. 26 no. 6:92-99 Je '62.

Influenza in children during the first year of life [with summary in English]. Z.L. Filippova-Nutrikhina. Vop. okh. mat. i det. 7 no. 4, 18-23 Ap '62.

Method of rhinocytoscopy for the differential diagnosis of influenza and adenovirus diseases [with summary in English]. T.I. Buzhievskaia. Vop. virus. 7 no. 5, 572-576 S-O '62.

Sukhareva, M.E., and V.D. Sobolova, eds. [Influenza in children] Gripp u detei. Moskva, Medgiz, 1962. 255 p.

INFLUENZA—MICROBIOLOGY

Electron microscope study of the elementary bodies of the influenza virus A (PR-8) and A_2 (Asian strain). I.A. Popov. Trudy TashNIIVS 5:155-158 '61.

Latent infection induced by the Sendai para-influenza virus in laboratory animals. Report No. 3: Histopathological changes in the lungs in latent infection [with summary in English]. Khou IUn'-de [Hou Yün-teh], N.A. Maksimovich. Vop. virus. 7 no. 5:563-567 S-O '62.

Mechanism of the interaction of the influenza virus with sensitive cells. Report No. 1: Adsorption of the influenza virus on living respiratory tract cells of various types of animals [with summary in English]. V.P. Mitchenko. Vop. virus. 7 no. 5:555-558 S-O '62.

Role of the para-influenza viruses in the etiology of pseudocroup [with summary in English]. A.G. Bukrinskaia, K.V. Bilumental'. Vop. virus. 7 no. 5 567-572 S-O '62.

Some regularities in the suppression of influenza virus multiplication by synthetic compounds [with summary in English]. G.N. Pershin and others. Farm. i toks. 24 no. 6:690-695 N-D '61.

INFLUENZA—PREVENTIVE INOCULATION

Possibility of forming anti-influenzal immunity in irradiated and nonirradiated animals through rapid vaccination [with summary in English] E I. Skilanskaia, O P Peterson Vop virus. 7 no.5,558-563 S-O '62

INFORMATION SERVICES

Bershadskii, R. IU. [Scientist who knows everything] Uchenyi, kotoryi znaet vse. Moskva, Izd-vo "Znanie," 1962. 44 p. (Novoe v zhizni, nauke, tekhnike. IX Seriia Fizika i khimiia, no.19)

INFORMATION STORAGE AND RETRIEVAL SYSTEMS

Storage and analysis of facts V. Aleksandrov, M. Afanas'ev, Av. i kosm 45 no 11 84 '62.

INFORMATION STORAGE AND RETRIEVAL SYSTEMS—LAW

Cybernetics and law. D. A Kerimov Sov. gos. i pravo 32 no 11 98-104 N '62

INFORMATION THEORY

Approximate determination of the value of a parameter being transmitted through a communication channel with added Gaussian noises and Rayleigh multiplicative noises V F Krapivin, G. B Linkovskii Izv vys ucheb. zav., radiotekh. 5 no 5 620-623 S-O '62.

Automatic optimal filtration A. A. Gorskii. Izv. AN SSSR. Otd. tekh nauk. Energ. i avtom no. 5 107-117 S-O '62.

Deciphering of a "genetic code" S. F. Kozubovs'kyi Avtomatyka 7 no 5 59-61 '62.

Evaluation of errors in the measurement of the self-correlation function arising due to continuous change in the time delay G. A Ball Izv vys ucheb. zav., radiotekh 5 no. 5 614-619 S-O '62.

Information and technology. A. Kharkevich. Kommunist 39 no. 17 93-102 N '62.

Interference free determination of position in time of a weak impulse signal masked by fluctuation noise. IU P. Ozerskii Izv. vys. ucheb zav., radiotekh. 5 no. 5 603-607 S-O '62

Interference rejection of relative phase keying in the presence of signal fading IU V. Dulenko Elektrosviaz' 16 no. 11 71-72 N '62

Interference rejection of the reception of signals with discrete values in the presence of correlated noise. V F Nesteruk. Izv vys. ucheb. zav., radiotekh. 5 no 5 596-602 S-O '62.

Middleton, David. [An introduction to statistical communication theory Translated from the English]. Vvedenie v statisticheskuiu teoriiu sviazi. Pod red B. R. Levina. Moskva, Izd-vo "Sovetskoe radio" Vol. 1 1961. 781 p

On information content [with summary in English], Khu Go-din [Hy Kuo-ting]. Teor. veroiat. i ee prim. 7 no. 4 447-455 '62.

Probability criterion of the evaluation of the error of quantization in respect to time for discrete adaptive information gathering and processing systems [with summary in English]. O S. Belima Avtomatyka 7 no 5 14-26 '62

Relationship between the information and energy in measurements V M. Ginzburg. Izm tekh no 11 6-8 N '62.

Some characteristics at the processing of information by man. A. N. Leont'ev, E. P. Krinchik Nauch dokl vys. shkoly, filos. nauki 5 no. 5 109-114 '62

INFRARED RAYS—DRYING APPARATUS

Drying of raw cotton by means of infrared rays. G. L. Gamburg. Sbor. nauch.-issl. rab. TTI no. 12; 25-28 '61

INFRARED RAYS—INDUSTRIAL APPLICATIONS

Using a method of heating concrete with infrared rays. V. I. Bocharov, V. I. Gorokhovskii. N N. Danilov. Prom. stroi 40 no. 9 28-31 '62

INGOTS, STEEL see Steel ingots

INSTITUTIONS

In the local organization of the Scientific Technological Society for Water Transportation in the State Institute for River Transportation Planning and Research S Kamenskii. Rech. transp 21 no 11 54 N '62

Interaction of railroad and inland water transportation S. A Kuchkin Zhel dor transp 44 no 11 14-19 N '62

Linkhov, K. S., and M. B. Kheifets [Schedule of ship movements, principles of theory and calculation] Grafik dvizhenila flota; osnovy teorii i raschet. Moskva, Izd-vo "Rechnoi transport," 1962 185 p.

Transportation problems to be solved by cybernetics. A Postnov Rech transp 21 no 11 12-13 N '62.

We are striving for a title of honor A. Podlipskii Rech transp. 21 no 11 39 N '62.

INLAND WATER TRANSPORTATION—ACCOUNTING

"Accounting and balance analysis in river transportation" by M. I. Veisman and others. Reviewed by M. Beliavskaia. Bukhg. uchet 19 no. 10; 73 O '62.

INLAND WATER TRANSPORTATION—COST OF OPERATIONS

Untouched potentialities should be put to use V Khvalynskii Rech transp. 21 no 11 4-6 N '62

INLAND WATER TRANSPORTATION—EMPLOYEES

On consultation Rech. transp 21 no 11 55 N '62.

INSCRIPTIONS

Amphora with an inscription from Novogrudok. M. V. Malevskaia. Sov. arkheol. 6 no. 4; 238-241 '62.

INSCRIPTIONS, PUNIC

Punic archives from El-Hofra. I. Sh. Shifman. Vest. drev. ist. no. 4 131-134 '62.

INSCRIPTIONS, ROMAN

New documents on the anti-Christian reaction in the Roman Empire of the fourth century A. D. L. A. Elnitskii. Sov. arkheol. 6 no. 4; 228-233 '62.

INSECT BAITS AND REPELLENTS

Chemoreception of insects and repellents. IU. A Blizarov. Usp sovr biol 54 no 1 102-114 Jl-Ag '62

INSECT POPULATIONS

Effect of the size of the range on the productivity of the population. K. K. Petrusevich. Vop. ekol. 4 67-68 '62.

Methods of analyzing age groups in the populations of Ixodid ticks. IU. S. Balashov. Vop. ekol. 4; 81-96 '62.

INSECT SOCIETIES

Living model of a living system. I. Khalifman. Nauka i zhizn' 29 no 5 83 My '62.

INSECT TRAPS

Attraction of the moths of the tent caterpillar Dendrolimus sibiricus Tschetv. (Lepidoptera, Lasiocampidae) by ultraviolet light L. A. Terskov, N. G. Lolomiets. Ent oboz. 41 no. 2 306-309 '62

Automatic trap for owlet moths. L. I. Strel'tsov. Zashch. rast. ot vred i bol. 1 no. 6 44 N-D '59

Barber's traps as applied in ecologic investigations. A. Breimeier. Vop. ekol. 4 93-94 '62.

Effect of different sources of light on the abundance and species of mosquitoes collected with light traps. K. A. Breev. Vop. ekol. 4; 92-93 '62.

Ground traps. V. Skugravi. Vop. ekol. 4; 144-146 '62.

Light traps for collecting insects. Z. F. Klimchko, L. I. Frantsevich. Vop. ekol. 4; 115-118 '62.

INSECTICIDES

Chlorine organic insecticides (continuation). E. F Gra[illegible] Zool. [illegible] rast ot vred i bol 7 no 7 43-44 Jl '62

[illegible]roblems of entomology. Translated [illegible]h] Sovremennye problemy entomologii; [illegible] Pod red. i s predisl. B. I Rukavishnikova. [illegible]i-vo inostr. lit-ry. 1962 p.

[illegible]asures against the sugar beet weevil. [illegible] P. Lobov. Vest. AN SSSR 32 no. 11;

[illegible]sphamide in the poisoning of plants. [illegible] I. Kititsyn. Zashch rast. ot vred. i My '62

[illegible] protection of pulse crops against [illegible]n. Zashch. rast. ot vred. i bol. 7 [illegible]2.

[illegible]hemicals DDD and perthane in con[illegible]. V. V. Shcherbakov. Nauk. prats i [illegible]t. sad. no. 37; 6-9 '60.

[illegible]ides. Part 66; Synthesis and in[illegible]s of esters of certain carbamic [illegible]ova-Shilovskaia and others. Zhur. [illegible] 0; 3230-3232 O '62.

[illegible]olling the cabbage maggot. N. V. [illegible]st ot vred. i bol 7 no 7; 33-34 Jl

Protecting corn against pests by means of granulated insecticides, review of literature B I Rukavishnikov, Zashch rast ot vred i bol 7 no 7 53-56 Jl '62

Replenishing the assortment of poisonous chemicals. A. M. Nikiforov. Zashch. rast. ot vred. i bol. 7 no. 3 35-36 Mr '62.

Testing phosphamide and chlorophos against the citrus mealybug. V. V Il'ichev Zashch rast ot vred i bol 7 no 7 35 Jl '62

INSECTS—ANATOMY

Insects and airplanes IU. M Zaleskii. Priroda 51 no. 11 51-58 N '62

INSECTS—DEVELOPMENT

"Photoperiodism and seasonal development of insects" by A. S Danilevskii Reviewed by E. S Smirnov Zool. zhur. 41 no 7, 1113-1115 Jl '62

"Photoperiodism and seasonal development of insects" by A S Danilevskii Reviewed by V. I. Kuznetsov. Ent. oboz. 41 no. 2 479-481 '62.

INSECTS—FOOD

Evaluation of the effect of individual food components on the development of phytophagous insects bred on artificial media [with summary in English] N. M Lederman. Zool. zhur. 41 no. 7; 1013-1027 Jl '62.

Method of radioactive indicators used for determining the comparative frequency of feeding of various species of fleas under laboratory conditions. N. S. Novokreshchenova, I. S. Soldatkin, A. I. Levoshina. Vop. ekol. 4; 135-137 '62.

INSECTS, INJURIOUS AND BENEFICIAL
(see also subdivision under Leningrad region; Murmansk Province, Sochi region; Uzbekistan)

Theoretical foundations of zoning the territory of the U.S.S.R. with respect to the distribution of agricultural pests. I. IA. Polinkov. Vop. ekol. 4; 71-74 '62.

INSECTS, INJURIOUS AND BENEFICIAL—BIOLOGICAL CONTROL
(see also subdivision under Canada)

Conference on the biological method. E. Shch. Zashch. rast. ot vred i bol. 7 no 5 45 My '62.

Conference on the microbiological method. A A Ivashkova Zashch rast ot vred i bol 7 no 7 61 Jl '62

[Contemporary problems of entomology. Translated from the English] Sovremennye problemy entomologii, sbornik statei. Pod red. i s predisl. B. I Rukavishnikova. Moskva, Izd-vo inostr. lit-ry. Vol. 2. 1961. 182 p.

Entomophaga of tea plant pests [with summary in English] V. S Dzhanil Subtrop. kul't. no 2 51-62 '62

Intrahabitat spreading of Entomophaga. I. A. Rubtsov Zashch. rast. ot vred i bol 4 no. 6; 35-37 N-D '59

INSECTS, MARKING OF

Use of radioactive phosphorus isotope for marking grain cutworms and their parasites. K. V. Kamenkova, V. A. Molchanova. Vop. ekol. 4; 111 '62.

INSECTS IN FOOD

Use of γ rays for the disinfestation of food products M. L. Frumkin, G. I Shchegoleva, E. M Barskaia Kons. i ov. prom. 17 no 11 23-26 N '62

INSTRUMENT INDUSTRY
(see also subdivision under Chelyabinsk)

Automation of scheduling operations in serial machinery and instrument manufacture. S. L. Garfunkel', B. F. Moizhes. Mekh. i avtom. proizv. 16 no. 10; 14-17 O '62.

INSTRUMENTATION AND ORCHESTRATION

Kilianov, B. P., and S. I. Voskresenskii. [Concise guide to instrumentation for popular concert orchestras] Kratkoe rukovodstvo po instrumentovke dlia estradnykh orkestrov. Leningrad, Muzgiz, 1961 186 p.

INSTRUMENTS

New instruments and machines. Mekh. i avtom. proizv. 16 no. 10; 33-36 O '62.

INSTRUMENTS—TECHNOLOGICAL INNOVATIONS see subdivision under Leningrad

INSTRUMENTS, ELECTRIC see Electric instruments

INSULATING MATERIALS

Elements made of cement wood in ground-level structures of main pipelines. S. M. Blank, E. IU. Kohtsev, V. I. IUrchenko. Strol. truboprov. 7 no. 10; 29-30 O '62.

Studying the hardening process of asbestos-silicate insulating materials. I Z Volchek, O I. Gracheva [illegible] mat. 8 no. 10; 35-38 O '62

INSULATING OILS

Composition and properties of transformer oil distillates from Tuymazy petroleum. N. G. Kulantar, V. I Glaznov, V. S. Mamafova. Khim. i tekh. topl i masel 7 no. 5; 43-49 My '62.

INSULIN

Absorption of glucose, pyruvate and lactate by muscle tissue during insulin, conditioned insulin stimulation and amytal sleep. G. S. Khachatrian. Trudy Erev. med. inst. no. 11:19-58 '60.

Fractional composition of blood proteins and the insulin effect, the problem of the sensitivity of rabbits to insulin [with summary in English]. Probl. endok. i gorm. 8 no. 4:10-16 Jl-Ag '62.

Selective effect of ultrasonic waves on the molecular structure of insulin. I. B. Il'piner, L. I. Stekol'nikov. Dokl. AN SSSR 146 no. 1 929-932 O '62.

INSULIN SHOCK

Pathogenesis of insulin coma [with summary in English]. A. E. Lichko. Probl. endok. i gorm. 8 no. 4: 59-65 Jl-Ag '62.

INSURANCE, SOCIAL
(see also subdivision under Karakanovo; Czechoslovakia)

Most important features of social and cultural services in capitalist countries. E. I. Kuz'mina. Och. po sovr. sov. i zarub. ekon. no. 3 285-298 '62.

The social security charter in operation. P. Gonthier. Vestn. prof. dvizh. no. 10 32-34 O '62.

Unity and cooperation. Okhr. truda i sots. strakh. 5 no. 10:8-13 O '62.

INTAKES (HYDRAULIC ENGINEERING)
(see also subdivision under Tom' River)

Determination of the calculated velocities in gravity flow and siphon pipes of alteam water intakes. A. S. Obrazovskii. Trudy Gidrav. lab. VODGEO no. 8:99-121 '62.

INTEGRAL CALCULUS see Calculus, Integral

INTEGRAL EQUATIONS

An integral equation with a singular kernel. M. I. Rozovskyi. Ukr. mat. zhur. 14 no. 2:210-221 '62

INTEGRALS

Calculation of certain types of integrals of oscillatory functions. I. T. Savinova. Trudy Mat. inst. 66:166-181 '62.

Integral of semiadditive measure and its application to the theory of entire functions. Part 1. A. A. Gol'dberg. Mat. sbor. 58 no. 3 289-334 N '62.

INTELLECTUAL COOPERATION

Higher education and international contacts. I. Malek, A. Baez. Vest. vys. shkoly 20 no. 11:11-18 N '62.

International relations among the institutions of higher learning. K. I. Ivanov, V. I. Kuznetsov. Vest. vys. shkoly 20 no. 11:79-84 N '62.

INTELLECTUAL LIFE see subdivision under Moscow

INTELLECTUALS see subdivision under Germany

INTERCONNECTED ELECTRIC UTILITY SYSTEMS

Novikov, I. T. [Growth of power engineering and the creation of a consolidated electric-power system in the U. S. S. R.] Razvitie energetiki i sozdanie edinoi energeticheskoi sistemy SSSR. Moskva, Ekonomizdat, 1962. 240 p.

INTERFERENCE (LIGHT)

Concerning one drawing. A. G. Mikhatskii. Fiz. v shkole 22 no. 2:90 Mr-Ap '62.

INTERFEROMETER

Investigation of the spatial frequency spectrum of a regular interferometer having N antennas. A. Balklavs. Izv. AN Latv. SSR no. 7:57-64 '62.

School interferometer and experiments with it. M. N. Bashkatov, Iu. F. Ogorodnikov. Fiz. v shkole 22 no. 2: 47-52 Mr-Ap '62.

INTERIOR DECORATION
(see also subdivision under Latvia; Lithuania)

Modern interiors should be integrated with the design of the building. N. Luppov. Arkhit. SSSR no. 10:3-7 '62.

New features of interiors of residences and public buildings. T. Astrova. Arkhit. SSSR no. 10:11-15 '62.

Train specialists to design interiors of buildings. M. Lisitsian. Arkhit. SSSR no. 10:28 '62.

INTERLIBRARY LOANS

Adopting valuable practices. A. Gulina. Bibliotekar' no. 11:61 N '62.

INTERNAL FIXATION IN FRACTURES

Determination of the length of the nail in treating fractures of the neck of the femur. Iu. M. Prokhorov. Ortop., travm. i protez 23 no. 5 71-73 My '62.

Effect of penicillin and novocaine on osteogenesis during their intraosseous administration by way of Professor N. N. Elanskii's nail-cannula; an experimental study. V. V. Koptel'tsev. Trudy 1-go MMI 7:87-90 '59.

Intraosseous osteosynthesis of infected fractures of the femur using IA. G. Dubrov's round all-metal nail; an experimental study. A. S. Agapov. Trudy 1-go MMI 7:30-37 '59.

Open infected fractures of the femur and their treatment in an experiment. A. T. Ivanova. Trudy 1-go MMI 7:38-59 '59.

Portable apparatus for drilling bone and the insertion of a pin. A. A. Biriukov. Ortop., travm. i protez 23 no. 5 73-74 My '62.

Treatment of fractures of the tubular bones by intraosseous fixation. N. L. Gladyrevskii, M. V. Murav'ev. Trudy 1-go MMI 7 91-99 '59.

Treatment of fractures, traumatic osteomyelitis and pseudarthrosis of the long tubular bones. N. N. Elanskii. Trudy 1-go MMI 7:9-29 '59.

Use of Kirschner wire in dislocations of the acromial end of the clavicle. L. IA. Grigor'ev. Zdrav. Bel. 8 no. 2 53-54 F '62

INTERNAL MEDICINE see Medicine, Internal

INTERNAL MIGRATION see Migration, Internal

INTERNATIONAL COMPETITION see Competition, International

INTERNATIONAL ECONOMIC RELATIONS

International economic relations and the competition of the two systems. Otakar Simunek. Mezhdunar. zhizn' 9 no. 12:23-31 D '62.

INTERNATIONAL EDUCATION

International education during the study of a foreign language. L. G. Russkova. Inostr. iaz. v shkole no. 4 76-82 Jl-Ag '62.

INTERNATIONAL LAW

"The law of treaties" [in English] by A. D. McNair. Reviewed by A. N. Talalaev. Sov. gos. i pravo 32 no. 11: 152-154 N '62.

The national liberation movement and some problems of present-day international law. I. I. Lukashuk. Izv. vys. ucheb. zav., prav. 6 no. 3:92-100 '62.

INTERNATIONAL RELATIONS

Akademiia nauk SSSR, Institut mirovoi ekonomiki i mezhdunarodnykh otnoshenii. [Postwar international relations in three volumes] Mezhdunarodnye otnosheniia posle Vtoroi Mirovoi voiny v trekh tomakh. Glav. red. N. N. Inozemtsev i dr. Moskva, Gospolitizdat.

Vol. 1. 1945-1949. Red. A. G. Mileikovskii. 1962. 758 p.

INTERNATIONAL RELATIONS—BIBLIOGRAPHY see Bibliography—International relations

INTERNATIONALISM
(see also subdivision under Transcarpathia)

Sverdlin, M. A. [Proletarian internationalism and the basic stages of its development] Proletarskii internatsionalizm i osnovnye etapy ego razvitiia. Moskva, Vysshaia shkola, 1962. 94 p. (Materialy k lektsiiam po filosofii)

INTERPRETATION, PHOTOGRAPHIC see Photographic interpretation

INTERVERTEBRAL DISK—HERNIA

Clinical importance of Schmorl's cartilaginous hernias. M. F. Bogotyrev. Ortop., travm. i protez. 23 no. 5 76-77 My '62.

INTERVERTEBRAL DISK—SURGERY

Degenerative processes in the intervertebral disks and their surgical treatment [with summary in English in insert]. A. I. Osna. Ortop., travm. i protez. 23 no. 5 11-20 My '62

INTESTINAL FISTULA see Fistula, Intestinal

INTESTINES

Development of the intestines of the roach Rutilus rutilus (L.). N. O. Lange. Vop. ikht. 2 no. 2:338-349 '62.

Effect of a UHF electrical field on the absorbtive activity of the stomach and intestines. V. R. Faitel'berg-Blank. Vrach. delo no. 8:82-84 Ag '62.

Effect of some hormonal preparations on the absorption of fatty acids in the small intestine [with summary in English]. N. V. Anastas'eva. Probl. endok. i gorm. 8 no. 4:53-58 Jl-Ag '62.

INTESTINES—DISEASES

Nisevich, N. I., and A. G. Avanesova. [Dysentery and other intestinal infections in infants] Dizenteriia i drugie kishechnye infektsii u detei rannego vozrasta. Moskva, Medgiz, 1962. 203 p. (DNLM)

Out-of-town scientific session devoted to problems of intestinal infections held in Alma-Ata. E. L. Nazaretian, M. E. Semendiaeva. Sov. med. 26 no. 7:147-152 Jl '62.

INTESTINES—FOREIGN BODIES

False inflammatory tumors of the abdominal cavity [with summary in English]. T. P. Muratova. Akush. i gin. no. 1:82-84 '62.

INTESTINES—INFARCTION

Intestinal infarction of venous origin; a survey of the literature. V. K. Tumanskii, M. P. Rubin. Sov. med. 26 no. 7:67-71 Jl '62.

INTESTINES—INTUSSUSCEPTION

Retrograde invagination of the small intestine in ascariasis, Meckel's diverticulum, and acute phlegmonous appendicitis. V. G. Sanin. Vest. khir. 87 no. 11 115-117 N '61.

INTESTINES—OBSTRUCTIONS

Acute intestinal obstruction in relation to the intraperitoneal administration of antibiotics. V. I. Parmenov. Sov. med. 26 no. 10 58-61 O '62.

Causes of peritonitis in acute intestinal obstruction, its prevention and treatment [with summary in English]. A. G. Isakhanov. Sov. med. 26 no. 7:63-66 Jl '62

Intestinal obstruction following gynecological diseases and operations. N. S. Futornyi. Akush. i gin. no. 1:91-94 '62.

Noble's operation in adhesive obstruction of the small intestine. L. Sh. Bliumin, V. A. Fedorova. Khirurgiia no. 12 66-68 '61.

Postoperative lung complications in acute intestinal obstruction [with summary in English]. A. G. Isakhanov. Sov. med. 26 no. 6:56-60 Je '62

INTESTINES—SURGERY

Absorptive capacity of the digestive tract at different periods of time following the partial resection of the small intestine [with summary in English]. K. S. Zamychkina, L. V. Krukova. Biul. eksp. biol. i med. 54 no. 7:22-26 Jl '62.

Braun's anastomosis and its role in preventing postoperative complications in resection of the stomach. B. M. Rekhtman. Vest. khir. no. 5, 34-39 '62.

Kalinina, T. V. [Mechanical tantalum suture in operations on the intestines] Mekhanicheskii tantalovyi shov pri operatsiiakh na kishechnike. Moskva, Medgiz, 1962. 57 p. (Biblioteka prakticheskogo vracha) (DNLM)

Motor evacuatory function of the digestive tract after extensive resection of the small intestine in dogs [with summary in English]. T. V. Volkova. Biul. eksp. biol. i med. 54 no. 7 26-30 Jl '62.

Peterson, B. E. [Anastomoses in gastrectomies and resection of the esophagus] Anastomozy pri gastrektomii i rezektsii pishchevoda. Moskva, Medgiz, 1962. 166 p.

INTESTINES—TRANSPLANTATION

Characteristics of food evacuation following a stomach resection using a small intestine transplant. B. V. Mateshchuk. Klin. khir. no. 8:32-37 Jl '62

Intrathoracic segmental esophagoplasty with the small intestine. G. E. Ostroverkhov, R. A. Toshchakov. Vest. khir. no. 6:13-20 '62.

Reconstruction of the bile ducts using an isolated intestinal loop in extensive strictures. Z. A. Topchiashvili. Sov. med. 26 no. 10:50-54 O '62.

Replacement of the ureter by an excluded loop of small intestine [with summary in English] E. Ljunggren, S. Kollberg, B. Stener. Urologiia no. 1:43-48 '62.

INTESTINES—ULCERS

Decubitus ulcers of the small intestine caused by a catheter used in feeding the patient following gastrectomy. A. N. Burtsev. Vest. khir. 87 no. 11:111-112 N '61

INTESTINES—WOUNDS AND INJURIES

Rare closed intestinal injury. A. G. Dem'iankov, V. G. Bakhanovich. Zdrav. Bel. 8 no. 2 60-61 F '62.

INTRACRANIAL ANEURYSMS

Case of multiple aneurysms of the vessels of the base of the brain. O. A. Zakharova, R. E. Iakshinskaia. Sud.-med. ekspert. 5 no. 4 13-15 O-D '62.

INTRAOCULAR PRESSURE

Influence of different types of contemporary general anesthesia on intraocular pressure [with summary in English]. L. V. Aladinskaia. Vest. oft. no. 1:12-17 '62.

INTRATRACHEAL ANESTHESIA

Intubation anesthesia with relaxants in emergency operations in patients in terminal states. F. R. Cherniakhovskii. Khirurgiia no. 12:102-103 '61

Intubation technic in anesthesia. A. M. Boldin, A. A. Plavinskii. Zdrav. Bel. 8 no. 2 57-58 F '62.

Study of electroencephalographic data during present-day intubation anesthesia. R. Z. Amirov and others. Vest. khir. no. 6:57-61 '62.

INTRATRACHEAL ANESTHESIA—EQUIPMENT AND SUPPLIES

Device for fixing the intubation tube in anesthesia carried out through an opening in the trachea. D. A. Kazanskii. Zhur. ush., nos. i gorl. bol. 21 no. 6:70 N-D '61

INVARIANTS

Conjoint invariants of the sections of a pair of quadrics by a plane in a multidimensional complex projective space. S. L. Pevzner. Ukr. mat. zhur. 14 no. 2:217-219 '62.

INVENTIONS

For the rural inventor. S. Smirnova. Bibliotekar' no. 11:13-15 N '62.

INVERTEBRATES

Acclimatization of fishes and invertebrates [with summary in English] A F Karpevich Zool Zhur 41 no 7 969-985 Jl '62

Mikhina, T. N , E N. Frolova, and T V Shcherbina. [Laboratory manual on the zoology of invertebrates] Praktikum po zoologii bespozvonochnykh. Pod red E N Frolovoi Moskva, Vysshaia shkola, 1962. 207 p

INVESTMENTS, FOREIGN see subdivision under Ukraine, Western

INVESTMENTS, FRENCH

"Disintegration of the French colonial empire" by V. V. Gavrilluk Reviewed by L Goncharov Nar Az i Afr no 6 202-203 '62

IODINE

Effect of halogen-containing additives on the reactions of tritium recoil atoms with benzene. V. V Pozdeev, An N Nesmeianov, B. G. Dzantiev Radiokhimiia 4 no 4:398-404 '62.

Reaction of iodine with alkali metal thiocyanates in solutions. Report No 1 V S. IAkovlev Ukr khim zhur. 28 no. 8 911-914 '62.

IODINE—ELECTRIC PROPERTIES

Temperature dependence of the electroconductivity of iodine at pressures up to 200, 000 Kg. /cm^2. N N Kuzin and others Dokl AN SSSR 147 no 1,76-79 N '62

IODINE—ISOTOPES

Determination of the comparative absorption of radioactive iodine by thyroid gland tissues in different forms of its pathology, problem of the method of autoradiograph, [with summary in English]. R. M. Shevchenko Probl. endok. i gorm. 8 no.4 72-76 Jl-Ag '62.

Distribution of I^{131} tagged fat during a fat load in white rats of various ages. R. Vysotskii, K. Kheideman. Izv AN Latv SSR no. 7 119-121 '62.

Dynamics of the distribution of oil administered perorally in the body of a rat [with summary in English] K. Heidemanis Izv AN Latv. SSR no 4 127-130 '62

Effect of caffeine and barbamil on the secretory cycle of the thyroid gland [with summary in English]. M. G. Amiragova. Biul. eksp. biol. i med. 54 no. 7:54-58 Jl '62.

"Radioactive iodine in the clinic" by N. M Draznin. Reviewed by T Gnilorybov Zdrav. Bel 8 no 2-73-75 F '62

IODINE—THERAPEUTIC USE

Change in some vegetative functions in thyrotoxicosis during treatment with radioactive iodine [with summary in English]. IU. kh. Afanas'ev. Vrach. delo no. 8: 101-105 Ag '62.

Combined treatment of thyrotoxicosis using radioactive and stabile iodine IU E. Livergant. Med. rad. 7 no 7 30-33 Jl '62

IODINE IN THE BODY

Dynamics of the absorption of radioactive iodine by the thyroid gland during the short-term action of high temperature [with summary in English]. F. F. Sultanov. Probl. endok. i gorm. 8 no.4 51-52 Jl-Ag '62.

Iodine content of soils, feeds, and drinking water and its metabolism in the sheep organism. M. I. Gustun Zhivotnovodstvo 22 no 2 88-89 F '60

ION EXCHANGE

Anion exchange of penicillin with other anions in nonaqueous solutions. G. V. Samsonov, V. V. Vedeneeva, Kim Diu-chir [Kim Chu-ch'ŏl]. Trudy Len. khim. -farm. inst. no. 15:81-92 '62.

Characteristics of antimony behavior during anion exchange. Szilard-Chalmers effect in an ion exchanger. L. N. Moskvin. Radiokhimiia 4 no 4:514-516 '62.

Complex formation of protactinium with some organic acids (by the method of ion exchange). I. Galetseanu, A. V. Lapitskii. Dokl. AN SSSR 147 no. 2, 372-375 N '62.

Determination of the ion exchange constants by the method of elution radiochromatography. V. V. Rachinskii, S. M. Rustamov. Radiokhimiia 4 no. 4:434-442 '62.

Effect of the nature of the anions on the cation exchange of antibiotics of the tetracycline series. G. V. Samsonov and others. Trudy Len. khim. -farm. inst. no. 15:185-190 '62.

Ion exchange method for separating rhenium from molybdenum. D. S. Gabakian, M. V. Darbinian. Izv. AN Arm. SSR. Khim. nauki 15 no. 4:321-326 '62.

Ion exchange sorption of penicillin with anion exchangers with different swelling capacities. G. V. Samsonov and others. Trudy Len. khim. -farm. inst. no. 15:93-100 '62.

Separation of gallium from an anodic alloy with the aid of liquid ion exchangers. B. N. Laskorin, A. I. Ruzhin. Ekstr. teor., prim., app. no. 1:112-116 '62.

Study of the conditions for the reversibility of the sorption of penicillin sorbed in the presence of sulfates and phosphates on the nonselective sorbing EDE-10 anion exchanger. G. V. Samsonov and others. Trudy Len. khim. -farm. inst. no. 15:75-80 '62.

Thermodynamic theory of the selective sorption of ions as a basis for ion exchange methods of purifying medicinal substances. G. V. Samsonov. Trudy Len. khim. -farm. inst. no. 15 9-14 '62.

Using an anion exchanger for determining available phosphates in soils [with summary in English] Chzhan Fu-chzhu [Chang Fu-chu] Pochvovedenie no 10 101-104 O '62

ION EXCHANGE RESINS

Catalytic decomposition of albomycin on the SDV-3 ion exchange resin. G. V. Samsonov, L. M. Shtenko. Trudy Len. khim. -farm. inst. no. 15, 221-223 '62.

Characteristics of the absorption of penicillin by ion exchange resins in relation to supplementary sorptive interaction. G. V. Samsonov, A. A. Selezneva, Van I-guan [Wang I-kuang]. Trudy Len. khim. -farm. inst. no. 15, 101-104 '62

Exchange of ions of some alkaline earth metals on carboxylic phosphate, and sulfonic resins. B. P. Nikol'skii, N. B. Vysokoostrovskaia, A. M. Trofimov Radiokhimiia 4 no. 4:512-514 '62.

Frontal process of albomycin sorption on anion exchangers, report No. 2. G. V. Samsonov, V. IA. Vorob'eva. Trudy Len. khim. -farm. inst. no. 15 205-209 '62.

Possibility of using ion exchange resins as carriers of radioactive isotopes. I G Zhuvagin, IU A Akchasta-nov, R V Khairullin. Razved. i prom geofiz no 15: 115-117 '62.

Sorption of albomycin by anion exchangers; report No. 1. G. V. Samsonov and others. Trudy Len. khim. -farm. inst. no. 15:197-203 '62.

Sorption of chlortetracycline by anion exchange resins. G. V. Samsonov, V. IA. Vorob'eva. Trudy Len. khim. -farm. inst. no. 15:191-194 '62.

Use of ion exchange resins for producing trypsin [with summary in English]. S. E Manoilov, V N Shvedova, I. L. Ryndina. Biokhimiia 27 no. 4:698-701 Jl-Ag '62

IONIZATION

Effective cross section of the photoionization of lithium ions [with summary in English]. V. A Zhilinov Zhur. eksp. i teor. fiz. 42 no. 4:1097-1102 Ap '62

IONIZATION OF GASES

Possibility of using secondary ion-ion emission phenomena in studying heterogeneous catalytic reactions. IA. M. Fogel' and others. Dokl. AN SSSR 147 no. 2: 414-417 N '62.

IONIZED AIR see Air, Ionized

IONOSPHERE

(see also subdivision under Antarctic regions)

Intensity of the sun's short-wave radiation and the speed of the ionization and recombination processes in the ionosphere. G. S. Ivanov-Kholodnyi. Geomag. i aer. 2 no. 3:377-408 My-Je '62.

Ionization of the F2 layer as dependent on the penetration of solar energy into the atmosphere. A. I Likhachev. Geomag. i aer. 2 no. 3, 481]488 My-Je '62

Ionospheric disturbance at the poles of uniform magnetization. V. S. Ignatov. Geomag. i aer 2 no. 3, 464-469 My-Je '62.

Morphology of magnetic ionospheric disturbances as dependent on the solar activity level and the nature of the onset of geomagnetic storms. V. G. Dubrovskii, S. A. Kramarenko. Geomag. i aer. 2 no. 1:121-125 Ja-F '62.

IONOSPHERIC RADIO WAVE PROPAGATION

Charts of space-time distribution of anomalous absorption in the ionosphere over high latitudes. A. S. Buzprozvannaia, G N. Gorbushina. Geomag. i aer. 2 no. 3, 470-475 My-Je '62.

A device for measuring small indices of phase modulation. D. I. Sheinman. Izv. vys. ucheb. zav., radiotekh. 5 no. 6:640-642 S-O '62.

Limit frequencies in the inclined fall for two types of E_s. T. S. Kerbiai. Geomag. i aer. 2 no. 3:489-494 My-Je '62.

Study of the anomalous absorption of radio waves with the aid of a flying ionospheric station. Ch. L. Khodzha-Akhmedov. Geomag. i aer. 2 no. 1:114-120 Ja-F '62.

IONOSPHERIC RESEARCH

(see also subdivision under Antarctic regions; Ashkhabad)

Calculation of the phase correlation coefficient of random processes. I. S. Vaskhaviatskaia. Geomag. i aer. 2 no. 1:88-90 Ja-F '62.

Highly noiseproof receiving apparatus for an ionospheric station. IU. V. Markov, E P. Miliutin. Geomag. i aer. 2 no. 3:545-549 My-Je '62.

"Ionospheric Research," no 6, 1961 Reviewed by L. N. Liakhova. Geomag. i aer. 2 no. 1:186-187 Ja-F '62.

IONOSPHERIC RESEARCH—CONGRESSES

All-Union Conference of the Ionospheric Research Section of the Interdepartmental Geophysical Committee, held at Ashkabad on February 19-23, 1962. N. P. Benkova. Geomag. i aer. 2 no. 3:577-578 My-Je '62.

IONS

Deceleration of light ions in thin metal foils. IU. V. Gott, V. G. Tel'kovskii. Radiotekh. i elektron. 7 no. 11: 1956-1961 N '62.

IOSIF, MONK, 1837-1911

[Study of the life of the Anchorite Hieromonk, Iosif, Elder of Optina Pustyn'] Ocherk zhizni startsa Optinoi pustyni Ieroskhimonakha Iosifa. Jordanville, N. Y., Holy Trinity Monastery, 1962. 158 p. (MH)

IRAN—COMMERCE—RUSSIA

From the history of Russian-Iranian commercial and economic relations by way of Turkestan in the late 19th and early 20th centuries. B Mannanov Obshchestv nauki v Uz. 6 no 9 46-53 '62

IRAN—FOREIGN ECONOMIC RELATIONS—RUSSIA

Soviet-Iranian economic relations during the years 1921-1940, and their role in the development of the productive forces of Iran [in Azerbaijani with summary in Russian]. M. M. Rabi-zade. Izv. AN Azerb. SSR. Ser. obshchestv. nauk no. 7:131-141 '62.

IRAN—FOREIGN RELATIONS—RUSSIA

Iran's example. Nov. vrem. 20 no. 39:1-2 S '62.

IRAN—LOCUSTS—EXTERMINATION

Fighting against locusts. I. Ovodov. Nov. vrem. 20 no. 39:24-25 S '62.

IRAN—TECHNICAL ASSISTANCE, RUSSIA

Fighting against locusts. I. Ovodov. Nov. vrem. 20 no. 39:24-25 S '62.

IRBIT—MOTORCYCLE RACING

Bravo, Irbit! I. Ivashchenko. Za rul. 20 no. 11:15 N '62.

IRIDECTOMY

Gonioscopic studies in iridencleisis, antiglaucoma iridectomy and cyclodialysis. E. I. Ustinova. Vest. oft. no 4 22-31 '62

IRIDIUM—ISOTOPES

On the supposed isomer Ir^{190}. N. A. Bonch-Osmolovskaia and others Izv. AN SSSR. Ser. fiz. 26 no. 8: 975-976 Ag '62

IRKUTSK—LATITUDE

Program of latitude observations for Irkutsk and Poznan Observatories E. V Ivanti'eva Trudy Poll. grav obser. 11:111-129 '62

IRKUTSK—MACARONI

Mechanization of the intrashop conveying operations in the Irkutsk macaroni factory. B D. Rashkovskii Khleb. i kond prom 6 no. 11 44-46 N '62.

IRKUTSK—TESTING LABORATORIES

In struggle for a high title. D I. Mogilevskii Izm. tekh. no 11:59-60 N '62

IRKUTSK HYDROELECTRIC POWER STATION—WATER, UNDERGROUND

Prediction of the rise of the ground water level in a bedded medium by the method of hydraulic analogies as revealed by the studies of upper waters of the Irkutsk Hydroelectric Power Station. N.A. Mirsalikov. Trudy Lab. gidrogeol. probl. 40:103-102 '62.

IRKUTSK PROVINCE—COAL MINES AND MINING

The Irkutsk lessons IA. Kuderko, V. Tayganov Sov. profsoiuzy 18 no 21-23-24 N '62.

IRKUTSK PROVINCE—COOPERATIVE SOCIETIES—AUDITING AND INSPECTION

Guarding cooperative property. N. Puzikov. Sov. potreb. koop. 6 no. 10:40 O '62.

IRKUTSK PROVINCE—HISTORY

Vendrikh, G. A., comp. [How we struggled for Soviet power in Irkutsk Government, recollections of active participants of the Great October Revolution] Kak my borolis' za vlast' Sovetov v Irkutskoi gubernii; vospominaniia aktivnykh uchastnikov Velikoi Oktiabr'skoi sotsialisticheskoi revoliutsii. [Irkutsk] Irkutskoe knizhnoe izd-vo, 1957. 558 p.

IRKUTSK PROVINCE—MAPS

Moscow. Universitet. Geograficheskii fakul'tet. [Atlas of Irkutsk Province] Atlas Irkutskoi oblasti. Moskva, Glav. upr. geodez. i kartografii M-va geol. i okhrany nedr SSSR, 1962. 182 p.

IRKUTSK PROVINCE—TRADE UNIONS

The Irkutsk lessons. IA. Kuderko, V. Tayganov. Sov. profsoiuzy 18 no. 21 23-24 N '62.

IRON

Anode activation of iron. V. D. Kashcheev, B. N. Kabanov, D I. Leikis. Dokl. AN SSSR 147 no. 1:143-145 N '62

Determination of the activity of carbon in solid iron. E. F. Petrova, L. A. Shvartsman. Zav. lab. 28 no. 11: 1334-1337 '62.

IRON—ANALYSIS

Determination of iron in an agglomerate based on the absorption of radioactive radiation. P. D. Korsh, V. L Ivanov. Zav. lab. 28 no. 8:965-966 '62.

IRON—CORROSION

Electrode potentials of radioactive specimens of Armco iron and steel-2 in distilled water and in aqueous solutions of inhibitors. B. N. IAnushkin, S. A. Balezin, Vkt. Spitsyn. Dokl. AN SSSR 147 no. 1 155-158 N '62

IRON—METALLURGY

Achievements of Soviet metallurgy to serve our country in the building of communism. Stal' 22 no. 11 961-964 N '62.

IRON—SPECTRA

Spectral analysis of pure iron. L. V. Lifshits, L. N. Mosova. Zav. lab. 28 no. 11 1329 '62.

IRON AGE see subdivision under Fergana; Kuzak Province, Starorusskiy District

IRON ALLOYS

Exposure of the porosity of graphitized iron alloys. A. A. Baranov, S. I. Voltselenok. Zav. lab. 28 no. 11 1341-1342 '62

Research by the Zaporozhye Plant of Ferroalloys. V. A. Kravchenko, A. A. Serebrennikov. Stal' 22 no. 9 815-816 S '62

"Some methods of analysis used in ferroalloy plants" by M. V. Babaev. Reviewed by A. A. Fedorov and V. Sergeev. Zav. lab. 28 no. 11 1403-1404 '62.

IRON ALLOYS—METALLURGY

Origin of metal reguluses in slag. A. G. Ponomarenko. [Spor. trud.] Nauch.-issl. inst. met. no. 1 96-100 '61.

IRON AND STEEL COLUMNS see Columns, Iron and steel

IRON AND STEEL PLANTS see subdivision under Donetsk; Magnitogorsk, Siberia; Zaporozh'ye

IRON AND STEEL PLANTS—EQUIPMENT AND SUPPLIES

Slarilskii, V. I., and S. G. Taraban. [Use of gas fuel and gas fuel equipment in iron and steel plants] Ekspluatatsiia gazovogo khozlaistva metallurgicheskikh zavodov. Moskva, Metllurgizdat, 1962. 312 p.

IRON AND STEEL PLANTS—TECHNOLOGICAL INNOVATIONS see subdivision under Kerch Peninsula

IRON AND STEEL WORKERS see subdivision under Tashkent; Volgograd

IRON CHLORIDE

Effect of iron chloride on the electrolytic tin plating of black plate from fused salts. IU. K. Delimarskii and others. Shor. trud. TSNIICHM no. 28 153-158 '62.

Investigating the interaction of coal and graphite with aluminum and iron chlorides. M. B. Rapoport, M. S. Beletskii. Izv. vys. ucheb. zav., tsvet. met. 5 no. 3 71-79 '62

IRON-CHROMIUM ALLOYS—OXYGEN CONTENT

Solubility of oxygen in iron-chromium melts. IU. A. Dashkevich, A. N. Morozov. [Shor. trud.] Nauch.-issl. inst. met. no. 4 19-25 '61.

IRON COMPOUNDS

Glycerate complexes of iron (III) in solution. I. V. Platnitskii, L. G. Romanovskaia. Ukr. khim. zhur. 28 no. 6:905-910 '62.

IRON FOUNDING

Automatic control of the pouring of liquid iron. O. M. Kryzhanovskii and others. Lit. proizv. no. 9:13-16 S '62

Ioffe, A. IA., ed. [Control of rejects and quality improvement of gray iron castings] Bor'ba s brakom i povyshenie kachestva otlivok iz serogo chuguna. Leningrad, 1962. 93 p. [Leningradskii dom nauchno-tekhnicheskoi propagandy. Seriia: Liteinoe proizvodstvo)

Local inoculation of aluminum in malleable iron castings. A. A. Shapiro. Lit. proizv. no. 8:35-36 Ag '62.

Making castings of high strength cast iron. I. L. Kurbatskii and others. Lit. proizv. no. 9 6-8 S '62.

Obtaining iron castings with a chilling layer in heated molds. L. I. Kozhinskii. Lit. proizv. no. 9:37-38 S '62.

Structure of pig iron in surface layers produced by chill casting. A. F. Kolesnichenko. Trudy Stavr. sel'khoz. inst. no. 9 147-151 '60.

IRON FOUNDING—HANDBOOKS, MANUALS, ETC.

"Iron founding handbook" edited by N. G. Girshovich. Book review by B. S. Mil'man and others. Lit. proizv. no. 8:46-47 Ag '62.

IRON GROUP

Anomaly in μ^--meson decay in mesic atoms of transition metals of the iron group [with summary in English]. L. B. Egorov and others. Zhur. eksp. i teor. fiz. 43 no. 4:1149-1153 O '62.

IRON HYDROXIDE

Coprecipitation of small amounts of selenium and tellurium with iron hydroxide. Report No. 2: Coprecipitation of tellurium. V. M. Tarasian, G. M. Arutamian. Izv. AN Arm. SSR, Khim. nauki 15 no. 4:329-336 '62.

IRON IN THE BODY

Iron and copper content in the blood of children with anemias [with summary in English]. O. M. Lago. Sov. med. 26 no. 10:76-82 O '62.

Iron metabolism disorders in the livers of irradiated mice [with summary in English]. G. V. Voskoboinikov. Vop. med. khim. 8 no. 1:17-20 Ja-F '62.

IRON INDUSTRY

(see also subdivision under Aktyubinsk, Japan)

Forty-fifth anniversary of the Great October Socialist Revolution. Metallurg. i term. obr. met. no. 11 2-10 N '62.

Leyley, P. P. [Foundation of modern industry] Fundament sovremennoi promyshlennosti. Moskva, Izd-vo "Znanie," 1962. 29 p. (Novoe v zhizni, nauke, tekhnike. XII Seriia: Geologiia i geografiia, no. 24)

IRON INDUSTRY—LABOR PRODUCTIVITY see subdivision under Sverdlovsk Province

IRON MINES AND MINING see subdivision under Kerch Basin, Krivoy Rog Basin; Ural Mountains

IRON MINES AND MINING—COLD WEATHER OPERATIONS see subdivision under Krivoy Rog Basin

IRON-NICKEL ALLOYS—MAGNETIC PROPERTIES

Antiferromagnetism of iron-nickel alloys [with summary in English]. V. I. Chechernikov. Zhur. eksp. i teor. fiz. 42 no. 4:956-958 Ap '62.

IRON ORES

(see also subdivision under Akkermanovka region, Krivoy Rog Basin)

Belash, F. N. [Flotation of iron ores] Flotatsiia zheleznykh rud. Moskva, Gosgortekhizdat, 1962. 210 p.

Magnetization roasting of Kerch ores in the experimental factory of Kamysh-Burun Combine. V. P. Bushuev and others. Gor. zhur. no. 12:30-37 D '62.

Methodology of determining the economically optimum limit of dressing iron ores. N. S. Sachko. Izv. vys. ucheb. zav., gor. zhur. 5 no. 10 64-70 '62.

Technology of dressing Kerch tobacco-colored ores. V. T. Barishpolets, N. S. Dovzhik, P. A. Taisienko. Gor. zhur. no. 12 37-40 D '62

IRON ORES—SPECTRA

Spectral analysis of iron ore, agglomerate, and blast-furnace slag in a "sounding" direct-current arc. M. N. Shtuman and others. Zav. lab. 28 no. 11:1330-1332 '62.

Spectral analysis of iron ores. E. I. Andreev and others. Zav. lab. 28 no. 8:938-940 '62.

IRON OXIDES

Device for rapid determination of the iron oxide in a raw mix. A. S. Kizner. TSement 28 no. 5 18 S-O '62.

Flotation of iron oxides using a mixture of nonsulfonated compounds and tall oil. F. N. Belash, O. V. Pugina, I. K. Getmanovskii. Gor. zhur. no. 6:71-72 Je '63.

IRON SILICIDE CRYSTALS

Study of the law of approach to saturation on iron silicide single crystals at various temperatures. L. V. Kirenskii, V. P. Riabinin. Kristallografiia 7 no. 4:634-637 Jl-Ag '62.

IRON-SILICON-CARBON ALLOYS—METALLOGRAPHY

Distribution of silicon between the phases of Fe-Si-C alloys. F. K. Tkachenko, V. F. Zubarev. Lit. proizv. no. 8:31-32 Ag '62.

IRRIGATION

(see also subdivision under Kirghizistan; Ukraine)

Automatic electric regulator of the water level designed for irrigation systems. V. V. Kokhanov. Izv. AN Kir. SSR, Ser. est. i tekh. nauk 3 no. 6 83-89 '61

Effect of drainage and irrigation on soil formation processes in the Hungarian Lowland. I. Szabolcs. Pochvovedenie no. 10:78-84 O '62

Methods for determining soil evaporation rates and their practical application [with summaries in English, German, and French]. N. S. Gorlunov, N. V. Danil'chenko. Vest. sel'khoz. nauki 7 no. 9:124-131 S '62

Model study of automatic control processes in irrigation systems. V. K. Vnukov. Izv. AN Kir. SSR, Ser. est. i tekh. nauk 3 no. 6:91-93 '61.

Using plastic materials in irrigation; review of foreign literature. V. N. Gorinskii. Zemledelie 24 no. 10:91-92 O '62.

IRRIGATION, SEWAGE see Sewage irrigation

IRRIGATION CANALS AND FLUMES

(see also subdivision under Fergana)

Calculation of the maximum permissible water depth of canals in selecting the parameters of an automatic regulator. V. V. Voichkov. Izv. AN Kir. SSR, Ser. est. i tekh. nauk 3 no. 6:95-99 '61.

Characteristics of certain objects under automatic control with distributed parameters. E. E. Makovskii. Izv. AN Kir. SSR Ser. est. i tekh. nauk 3 no. 6 5-34 '61.

IRRIGATION FARMING see subdivision under Saratov Province; Ukraine; Uzbekistan

IRRIGATION FARMING—CONGRESSES

Planning of irrigated lands. M. A. Loshchilov. Gidr. i mel. 14 no. 10:55-58 O '62.

IRRIGATION RESEARCH

Steppe and water. G. L. Magakov. Priroda 51 no. 11 59-61 N '62

IRTYSH RIVER—STURGEONS

Downstream migration of the young of the sturgeon Acipenser baeri Br. from the Irtysh River. L. M. Balabkonova, V. V. Barsukov. Vop. ikht. 2 no. 2 309-315 '62.

ISHIM (TYUMEN PROVINCE)—REVOLUTION, 1917-1921

Ashkinadze, D. L. [Railroad workers of Ishim in their struggle for Soviet government, 1917-1919] Zheleznodorozhniki Ishima v bor'be za vlast' Sovetov, 1917-1919 gg. [Tiumen'] Tiumenskoe knizhnoe izd-vo, 1961. 74 p. illus.
(MH)

ISHIM VALLEY—ROCKS, IGNEOUS

Cenotypal igneous formations in the middle Ishim Valley. P. F. Emel'ianenko, S. A. Nesmetanov. Sov. geol. 5 no. 6 121-126 Je '62

ISHIMBAY REGION—OIL RESERVOIR ENGINEERING

Abyzbaev, I. I., M. M. Saltarov, and A. V. Kartseva. [Using solution gas drive in developing oil fields as exemplified by the Ishimbay oil fields] Razrabotka neftianykh mestorozhdenii pri rezhime rastvorennogo gaza, na primere Ishimbaiskikh mestorozhdenii nefti. Moskva, Gosteptekhizdat, 1962. 151 p.

ISOCAFFEINE

Syntheses in the series of purine derivatives. Part 3: Some conversions of 8-chloromethylisocaffeine. E. S. Golovchinskaia, E. S. Chaman. Zhur. ob. khim. 32 no. 10 3245-3248 O '62.

ISOMERIZATION

Isomerization during the sulfuric acid alkylation of benzene by alcohols. B. V. Ioffe, B. V. Stoliarov. Zhur. ob. khim. 32 no. 10 3453-3453 O '62

Isomerization of sulfones of the benzene series. V. A. Koptiug, T. N. Gerasimova. Zhur. ob. khim. 32 no. 11:3790-3790 N '62.

ISOMERS

Optical isomers of some cholinergic substances. S. G. Kuznetsov, Z. I. Bobysheva. Zhur. ob. khim. 32 no. 11:3779-3783 N '62.

ISOPERIMETRICAL PROBLEMS see Calculus of variations

ISOPROPYL ETHER

Mutual solubility in the system uranyl nitrate - water - isopropyl ether. V. M. Vdovenko, I. G. Suglobova, M. Mozel. Radiokhimiia 4 no. 4 388-392 '62.

ISOQUINOLINE

Using nitrilium salts in the synthesis of unsaturated compounds of the 3, 4-dihydroisoquinoline. S. G. Aghalian, A. O. Nahapian, L. A. Nersesian. Izv. AN Arm. SSR, Khim. nauki 15 no. 4:399-403 '62.

ISOTOPE SEPARATION

Separation of radioactive isotopes of the rare earth elements on a mercury cathode. Part 2: Separation of Ce and Pm from Lu, Eu from Ce and La. V. P. Shvedov, Fu I-bei [Fu I-pei]. Radiokhimiia 1 no. 4: 457-461 '62.

ISOTOPES

Coulomb excitation of levels in nuclei of Fe^{57}, Ge^{73}, Rh^{103}, Pd^{105}, In^{113}, In^{115} and Sn^{115}. V. D. Vasil'ev, K. I. Erokhina, I. Kh. Lemberg. Izv. AN SSSR Ser. fiz. 26 no. 8:992-997 Ag '62.

Soiuzkhimeksport, Vsesoiuznoe ob"edinenie. [Isotopes] Izotopy. Moskva, [1959] 81 p.
[MICROFILM]

ISSYK-KUL'—CARP

Characteristics of the spermatozoa of some Issyk-Kul' fishes. A. F. Turdakov. Vop. ikht. 2 no. 2:275-282 '62.

ISSYK-KUL' REGION—ARCHAEOLOGY

The work of the Issyk-Kul' Archaeological Detachment during the year 1959. D. F. Virnik. Izv. AN Kir. SSR, Ser. obshchestv. nauk 3 no. 3:83-102 '61.

ISSYK-KUL' REGION—BRONZE AGE

Some types of implements of the late Bronze Age in Kirghizia; based on materials from the Issyk-Kul' hoard. E. E. Kuz'mina. Izv. AN Kir. SSR, Ser. obshestv. nauk 3 no. 3:103-110 '61.

ISSYK-KUL' REGION—ECONOMIC GEOGRAPHY

Guzhin, G. S., and L. V. IAkhontov. [Around the Issyk-Kul'; popular geographical study] Vokrug ozera Issyk-Kul'; populiarnyi geograficheskii ocherk. Frunze, Kirgizskoe gos. izd-vo, 1959. 67 p.

ISSYK-KUL' REGION—WOODY PLANTS

Root systems of trees and shrubs in the western part of the Issyk-Kul' region. Izv. AN Kir. SSR, Ser. biol. nauk 4 no. 3:43-56 '62.

ITALIAN PASTE see Macaroni

ITALY—PETROLEUM INDUSTRY
The mystery around Enrico Mattei's death Nov. vrem 20 no. 47 12-13 N '62

ITALY—PLASTICS INDUSTRY—EQUIPMENT AND SUPPLIES
Exhibition of the equipment and industrial products of Italian firms G O Tatevos'ian Plast massy no 10 73-74 '62

ITALY—REINFORCED CONCRETE CONSTRUCTION
The reinforced concrete structures of P L Nervi Prom stroi i tn.h sooi 4 no 2 62-64 Mr-Ap '62

ITALY—RELATIONS (GENERAL) WITH RUSSIA
Italian women cooperators in the U.S.S.R. M. Kopelkina, Sov. potrch koop 6 no. 10 58-59 O '62

ITALY—SPINNING MACHINERY
Centrifugal flax spinning machine Spingard. Tekst. prom. 22 no. 10:81-84 O '62.
High-speed sliver machine manufactured by Gardell for the processing of short and long baste fibers. Tekst. prom. 22 no. 10:85 O '62.

ITALY—WOMEN IN AGRICULTURE
For improving the life of women workers in agriculture. Mina Bragini. Vsem. prof dvizh. no 10, 38-39 O '62.

ITALY—WORLD WAR, 1939-1945—ATROCITIES
Another war criminal. I. T. Nov. vrem. 20 no. 49-13 D '62.

IVANOV PROVINCE—AGRICULTURAL MACHINERY—MAINTENANCE AND REPAIR
In Palekhskii's repair shop. G. Ruzov. Sel'. mekh. no. 1: 20-21 '62.

IVANOVO PROVINCE—COMMUNIST EDUCATION
Following the decisions of the congress T Kriskovskaia. Nar.obr no. 11.22-25 N '62.

IVNYA DISTRICT—AGRICULTURE
Letters to the editor Agitator no 21 55-56 N '62.

IZMAIL DISTRICT—FERTILIZERS AND MANURES
Applying fertilizers to wheat in the fall I. D. Filipiev, A. I Blenko Zemledelie 24 no. 10 49-51 O '62

JACONECIC ACID
Structure and interrelation between senecic and epoxyjaconecic acids N I Koretskaia, A V Danilova, L M Utkin Zhur ob khim 32 no 11,3823-3827 N '62

JAMAICA—ETHNOLOGY
The population of Jamaica A. D Drizdo Sov etn no 5 100-110 S-O '62

JAPAN—AGRICULTURAL CREDIT
Credit operations of agricultural cooperatives in postwar Japanese villages. S. E Markar'ian. Krat. soob Inst. nar. Az. no. 50 77-85 '62.

JAPAN—COMMERCE
Japan's foreign trade, 1958-1961. D. A. Angora. Krat. soob. Inst. nar. Az. no. 50, 114-123 '62.

JAPAN—DESCRIPTION AND TRAVEL
Travels of a writer. Sergei Borodin Uzbekistan 21 no. 10:21-23 '62.

JAPAN—FOREIGN ECONOMIC RELATIONS—ASIA, SOUTHEASTERN
Methods of Japanese economic expansion in the countries of Southeastern Asia, 1957-1961. I. I. Vasilevskaia. Krat. soob. Inst. nar. Az. no. 50, 96-113 '62.

JAPAN—FOREIGN RELATIONS
Gol'dberg, D. I. [The foreign policy of Japan in 1941-1945] Vneshniaia politika IAponii v 1941-1945 gg. Moskva, Sotsekgiz, 1962. 383 p.
Japan's Ministry of Foreign Affairs. Mezhdunar. zhizn' 9 no. 12:142-143 D '62.

JAPAN—FOREIGN RELATIONS—RUSSIA
Kutakov, L. N. [History of Soviet-Japanese diplomatic relations] Istoriia sovetsko-iaponskikh diplomaticheskikh otnoshenii. Moskva, Izd-vo IMO, 1962. 559 p.

JAPAN—FOREIGN RELATIONS—UNITED STATES
An unsuccessful attempt to conclude an imperialist agreement, apropos of the Japanese-American negotiations in 1941. S. L. Budkevich. Krat. soob. Inst. nar. Az. no. 50 3-18 '62.

JAPAN—FUEL
Fuel and power resources in the postwar Japan. V. A. Vlasov. Krat. soob. Inst. nar. Az. no. 50 62-76 '62.

JAPAN—GEOLOGY, STRUCTURAL
Rudich, E. M. [Basic characteristics of the tectonic development of Sakhalin, Japan, and the Maritime Territory as the transition zone from the continent to the ocean] Osnovnye zakonomernosti tektonicheskogo razvitiia Primor'ia, Sakhalina i IAponii kak zony perekhoda ot kontinenta k okeanu. Moskva, Izd-vo Akad. nauk SSSR, 1962. 271 p.

JAPAN—IRON INDUSTRY
Some tendencies in the postwar development of ferrous metallurgy in Japan. D. L. Angora Krat. soob. Inst nar. Az. no. 50 50-61 '62

JAPAN—LABOR AND LABORING CLASSES
The socialist movement in Japan, 1905-1907. L. G. Pozdniakov. Krat soob. Inst nar. Az. no. 50 19-34 '62.

JAPAN—PEASANT UPRISINGS
Some special features of the peasant uprisings in Japan during the 15th-16th centuries. L. G. Pozdniakov Krat soob Inst. nar. Az. no. 50 35-49 '62

JAPAN—POWER RESOURCES
Fuel and power resources in the postwar Japan V. A. Vlasov Krat soob Inst. nar. Az. no. 50:62-76 '62.

JAPAN—PRESS
The press of Japan, a short review. B. Pospelov. Mezhdunar. zhizn' 9 no. 12:97-103 D '62.

JAPAN—SOCIALISM
The socialist movement in Japan, 1905-1907. L. G. Pozdniakov. Krat. soob. Inst. nar. Az. no. 50 19-34 '62.

JAPAN—STEEL INDUSTRY
Some tendencies in the postwar development of ferrous metallurgy in Japan. D. L. Angora. Krat. soob. Inst. nar. Az. no. 50:50-61 '62

JAPAN—WORLD WAR, 1939-1945
Gol'dberg, D. I. [The foreign policy of Japan in 1941-1945] Vneshniaia politika IAponii v 1941-1945 gg. Moskva, Sotsekgiz, 1962. 383 p.

JAPAN, SEA OF—FLYING FISH
Flying fishes (Exocoetidae and Oxyporhamphidae) of the Sea of Japan and adjacent waters. N. V. Parin. Vop Ikht. 2 no. 2:224-229 '62.

JAUNDICE
Importance of luminescence microscopy of the blood and the determination of enzyme activity (aldolase, transaminase and alkaline phosphatase) in the differential diagnosis of jaundices of various etiology [with summary in English]. E. A. Mikhailova Trudy LSGMI no. 69:89-97 '61.
Mechanism of residual jaundices following Botkin's disease [with summary in English]. Z. F. Denisenko, T. E. Artamonova. Trudy LSGMI no. 69 98-101 '61.
Pathogenesis of dyslipoidemia in jaundice [with summary in English]. D. V. Staroselskii. Vop. med khim. 8 no 1 23-27 Ja-F '62

JAWS—FRACTURE
Surgical treatment of fractures of the lower jaw; survey of the Soviet and foreign literature. E. S. Tikhonov Vest. khir. no. 6, 104-108 '61.

JEJUNUM—DISEASES
Phlegmon of the jejunum. A. S. Shapiro. Khirurgiia no. 12:107 '61.

JEJUNUM—SURGERY
Technic of surgery in erroneously placed gastroileoanastomosis following resection of the stomach. V. M. Veitchenko Khirurgiia no. 12:109-110 '61

JEJUNUM—TRANSPLANTATION
Roentgenological study of a portion of the jejunum used to replace an excised stomach. I. A. Rits Khirurgiia no 12, 50-54 '61.

JESUITS
The black cobweb. O. Kushch Nauka i rel 1 no. 10: 35 O '62.

JETS—FLUID DYNAMICS
Effect of a boundary layer of fluid in the nozzle on vortex formation in a jet K. G. Asatur. Izv vys. ucheb. zav., gor. zhur. 5 no. 9 15-19 '62

JIG (MECHANICAL DEVICE)
Theory of jigging. E. E. Rafales-Lamarka. Izv. vys. ucheb. zav., gor. zhur 5 no. 10:171-177 '62.

JIGS AND FIXTURES
Drill jigs made of cold-hardening plastics. A. A. Shturman. Stan. i instr. 33 no. 11:34-35 N '62.

JOINTS—DISEASES
"Diseases of the joints, Rheumatism. Avitaminosis" by B. P. Kushelevskii, M. A. IAsinovskii and S. M. Ryss. Reviewed by N. E. Kavetskii. Vrach. delo no. 8:153-154 Ag '62.

JOINTS—DISLOCATION
Treatment of congenital hip dislocation. A. A. Dolganova. Zdrav. Bel. 7 no. 11:49-51 N '61.

JOINTS—TUBERCULOSIS
Conference on osteoarticular tuberculosis. V. I. Koshin. Zdrav. Kazakh. 22 no. 6:72-74 '62.
Tuberculosis of the male genitalia in patients with osteoarticular tuberculosis [with summary in English]. N. I. Chuchelov. Vest. khir. 87 no. 11:87-91 N '61.

JOURNALISM
Remarks on journalistic writing I Rotin. Oktiabr' 33 no 6,187-191 Je '62.

JUGULAR VEIN—TUMORS
Radiotherapy of tumors of the jugular-tympanic glomus E P Fleis Med rad 7 no. 7 5-29 Jl '62.

JUNCTION TRANSISTORS
Nonequilibrium electron emission from a p - n-junction in silicon. I M Dykman and others. Fiz. tver. tela 4 no 8:2015-2026 Ag '62

JUODUPE—TEXTILE WORKERS
Studies of the culture and mode of life of Lithuanian workers [with summary in English] A. Daniliauskas Sov etn no 5 41-47 S-O '62.

JUPITER (PLANET)
Atmosphere of Jupiter. N. I Nevskaia. Nauka i zhizn' 29 no 5 43 My '62
Observations of the radio emission of Venus and Jupiter at the 3,3 cm. wavelength [with summary in English]. V. P. Bibinova and others. Astron. zhur. 39 no. 6 1093-1098 N-D '62

JUSTICE, ADMINISTRATION OF
(see also subdivision under Uzbekistan)
Basic trends in the development of national law. S. A. Golunskii. Sov. gos i pravo 32 no. 11:3-11 N '62

JUVENILE DELINQUENCY
Valerka, "the Troublemaker" Raisa Samusenkova. Rab. i stal. 38 no. 11 19-20 N '62.

KABARDINO-BALKAR A. S. S. R.—HISTORICAL RESEARCH
Work of the Institute of Scholarly Research of the Kabardino-Balkar A. S. S. R. Kh. G Berbekov. Ist SSR 6 no 6:215-217 N-D '62

KABARDINO-BALKAR A. S. S. R.—RUSSIAN LANGUAGE—STUDY AND TEACHING
Baragunov, M. Kh. [Learning Russian literary pronunciation in the Kabardian elementary school] Obucheniie russkomu literaturnomu proiznosheniiu v nachal'nykh klassakh kabardinskoi shkoly. Moskva, Izd-vo Akad. pedagog. nauk RSFSR, 1962. 47 p. (Pedagogicheskaia biblioteka uchitelia)

KABLUKOV, IVAN ALEKSEEVICH, 1857-1942
Noteworthy dates in science and technology Nauka i proizv 6 no 5 95-96 My '62

KACHKANAR REGION—ELECTRICITY IN MINING
Electric power supply for the Kachkanar Mining and Ore Dressing Combine. M A. T'Sitsin Izv vys ucheb zav., gor zhur 5 no 10 143-145 '62.

KADNIKOV REGION—FOREST THINNING
Structure of spruce-birch stands in the central taiga and changes in light conditions under the forest canopy due to thinning E N. Savin, K. A Gar Trudy Inst lesa i drev 53 63-70 '62.

KADNIKOV REGION—SPRUCE
Defectiveness of mature and declining spruce forests in the Kadnikov tract. S. P. Uskov Trudy Inst lesa i drev., 53 212-237 '62.

KADZHARAN REGION—MOLYBDENUM ORES
Determining the density of the prospecting net as exemplified by the prospecting of the Kadzharan copper-molybdenum stockwork. E. Zil'man. Prom. Arm. 5 no. 10:43-47 O '62.

KADZHARAN REGION—STRIP MINING
New techniques and equipment of dumping operations in the Kadzharan open pit mines. G. Grigorian. Prom. Arm. 5 no. 10:25-29 O '62.

KAKHETIA—FOLDS (GEOLOGY)
Nature of folding in southeastern Kakhetia (Georgian S. S. R.) M. A. Aizenberg. Sov geol. 5 no. 9:139-145 S '62.

KAKHOVKA RESERVOIR—COAST CHANGES
Arystovs'kyi, V. V., and R. T. Slobodian. [Stability of the Kakhovka Reservoir shores undergoing deformations caused by subsidences and slides] Stiikist' berehiv Kakhovs'koho vodoskhovyshcha, shcho zaznaiut' szuvnykh ta prosadochnykh deformatsii. Kyiv, Vyd-vo Akad. nauk URSR, 1962. 145 p.

KAKHOVKA RESERVOIR—FISHES
Spawning of the pike perch Lucioperca lucioperca (L.), the bream Abramis brama (L.), the roach Rutilus rutilus heckeli (Nord.) and the development of their roe in the great depths of Kakhovka Reservoir. N. D. Belyi. Vop. ikht. 2 no. 2:201-204 '62.

KAKHOVKA RESERVOIR—HYDRAULIC ENGINEERING
In situ investigations in reinforcing earthen slopes. V. S. Shaitan. Trudy Gidrav. lab. VODGEO no. 9:185-219 '62.

KAKHOVKA RESERVOIR—WAVES
Study of wind waves in a reservoir. V. S. Shaitan. Trudy Gidrav. lab. VODGEO no. 9, 61-99 '62.

KALACHSKAYA UPLAND—LANDFORMS

Landform characteristics of the Kalachskaya Upland part of the Khoper Valley. N. I. Akhiyartseva. Izv. Ver. otd. Geog. ob-va no. 3 73-79 '61

KALBA RANGE—GEOLOGY, STRATIGRAPHIC

Some problems of the stratigraphy of the lower layers of Lower Carboniferous sediments in the Kalba-Narym structural-facies zone. A. Kh. Kagarmanov. Izv. vys. ucheb. zav., geol. i razv. 5 no. 8;34-42 Ag '62.

KALININ—HOUSING MANAGEMENT

They are always ahead. Zhil.-kom. khoz. 12 no. 11;8b N '62.

KALININ—INDUSTRIAL HYGIENE

What one can't do, all together can master. K. Butuzova, M. Kurakin. Okhr. truda i sots. strakh. 5 no. 10 20-21 O '62.

KALININ, BATTLE OF, 1941

[The turning point of a great battle; reminiscences of the participants in the Battle of Kalinin] Rubezh velikoi bitvy; vospominaniia uchastnikov boev. [Kalinin] Kalininskoe knizhnoe izd-vo, 1961. 163 p. (XX let osvobozhdeniia goroda Kalinina ot nemetsko-fashistskikh okkupantov)

KALININ PROVINCE—BEEF CATTLE

Possibilities of increasing meat yields of Friesian cattle in Kalinin Province. V. N. Dalin. Zhivotnovodstvo 22 no. 2 33-36 F '60

KALININ PROVINCE—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

A lecturer has visited a collective farm. V. Polosukhin. Agitator no. 21 42-44 N '62.

KALININ PROVINCE—PRECAST CONCRETE CONSTRUCTION

Three-hinged reinforced concrete frames for agricultural structures. V. TSvetkov. Sel'. stroi. no. 10;6-7 O '62.

KALININ PROVINCE—Q FEVER

Q fever in Kalinin Province. A. G. Tarasova. Zhur. mikrobiol., epid. i immun. 32 no. 12;115 D '61

KALMYK A. S. S. R.—HISTORY

The Language, Literature, and History Research Institute of the Council of Ministers of the Kalmyk A. S. S. R. G. I. Mikhailov. Nar. Az. i Afr. no. 6 215-216 '62.

KALMYK PHILOLOGY

The Language, Literature, and History Research Institute of the Council of Ministers of the Kalmyk A. S. S. R. G. I. Mikhailov. Nar. Az. i Afr. no. 6 215-216 '62

KALNINS, ALDONIS, 1926–

Poetic talent. S. Stumbre. Sov. muz. 26 no. 9 13-16 S '62.

KAMA HYDROELECTRIC POWER STATION—TURBINES—TESTING

Remarks concerning V. M. Malyshev's article "Some results of the studies of the acceleration of a semi-uniflow unit of the Kama Hydroelectric Power Station." I. I. Shrire. Energomashinostroenie 8 no. 10;45 O '62.

Reply to I. I. Shrire's remarks. V. M. Malyshev. Energomashinostroenie 8 no. 10;45 O '62.

KAMA VALLEY—GEOLOGY, STRATIGRAPHIC

Quaternary sediments in the Kama-Vychegda interfluve. M. A. Spiridonov. Inform. sbor., VSEGEI no. 52;23-30 '62.

KAMCHATKA—EARTHQUAKES

Relation between the seismicity and the present-day volcanism of the Kurile – Kamchatka zone of folding. A. V. Gorlachev. Izv. AN SSSR, Ser. geofiz. no. 11;1484-1496 N '62.

KAMCHATKA—ECONOMIC CONDITIONS

"Rich and beautiful is the Kamchatka land" by K. E. Esaulenko. Reviewed by D. L. Shcherbakov, D. L. Mozzeson. Priroda 51 no. 11 120 N '62

KAMCHATKA—FIRE EXTINCTION—SOCIETIES, ETC.

Volunteers of Kamchatka. V. Maksimov. Pozh. delo 8 no. 11;5 N '62.

KAMCHATKA—GEYSERS

Valley of the geysers. G. S. Gorshkov, K. K. Zelenov. Priroda 51 no. 11;65-75 N '62

KAMCHATKA—MARINE ECOLOGY

Some characteristics of the structure and distribution of marine biocenoses as exemplified by the biocenoses of the area of eastern Kamchatka and northern Kurile Islands. A. P. Kuznetsov. Vop. ekol. 4;41-42 '62.

KAMCHATKA—VOLCANOES

Geographic zoning of Kamchatka and the Kurile Islands based on the occurrence of volcanoes. E. K. Markhinin and others. Biul. vulk. sta. no. 32;52-70 '62.

Paseniuk, L. M. [Traveling through the fiery ring] Idu po ognennomu kol'tsu. [Krasnodar] Krasnodarskoe knizhnoe izd-vo, 1962. 231 p.

Relation between the seismicity and the present-day volcanism of the Kurile – Kamchatka zone of folding. A. V. Gorlachev. Izv. AN SSSR, Ser. geofiz. no. 11;1484-1496 N '62.

State of volcanoes of the Klyuchevskaya group and the Sheveluch Volcano in 1960. E. K. Markhinin and others. Biul. vulk. sta. no. 32;3-13 '62.

KAMCHATKA—ZIRCONIUM

Zirconium content in igneous rocks of Kamchatka and the Kurile Islands. E. K. Markhinin, A. M. Sapozhnikova. Geokhimiia no. 8 838-839 '62.

KAMENETS PODOL'SKIY DISTRICT—APPLE SCAB

Resistance of apple varieties to scab in the orchards of the Dniester Valley. I. I. Bilous, A. O. Hrytsaienko. Nauk. pratsi Ukr. nauk.-dosl. inst. sad. no. 37, 87-88 '60.

KAMENSKII, GRIGORII NIKOLAEVICH, 1894-1959

G. N. Kamenskii, teacher of Soviet hydrogeologists. A. M. Ovchinnikov. Trudy Lab. gidrogeol. probl. 40 9-14 '62.

Life and work of G. N. Kamenskii and his role in the development of Soviet hydrogeology. I. V. Garmonov. Trudy Lab. gidrogeol. probl. 40 4-8 '62.

KANDALAKSHA BAY—DIGENEA

Trematode larvae of the family Gymnophallidae Morosov, 1955 (Trematoda: Digenea) and their development. F. A. Zelikman. Trudy MMBI no. 4;186-201 '62.

KANEV DISTRICT—ANTIQUITES

Burial of the Scythian time in the vicinity of Grishentsy. V. G. Petrenko. Mat. i issl. po arkheol. no. 113;142-151 '62.

KAOLIN see subdivision under Amur Valley

KARA-BULAK (BATKEN DISTRICT)—BURIAL

Burial ground in Kara-Bulak. IU. D. Baruzdin. Izv. AN Kir. SSR, Ser. obshchestv. nauk 3 no. 3 43-81 '61.

KARA-KALPAK A. S. S. R.—BEE CULTURE

The Kara-Kalpak A. S. S. R. is rich with honey-yielding plants but bee culture is not popular there. V. Dontsov. Nar. khoz. Uzb. 4 no. 10;89-90 O '62.

KARA-KALPAK A. S. S. R.—COMMUNIST PARTY OF THE SOVIET UNION

The party organizations of field crews. Part. zhizn' Kazakh. 32 no. 11;88 N '62.

KARA-KALPAK A. S. S. R.—FISHERIES

Improvement of work in the fishing collectives of the Kara-Kalpak A. S. S. R. M. E. Shteingart, Sh. Tleubergenov. Ryb. khoz. 38 no. 5;76-81 '62.

KARA-KALPAK A. S. S. R.—SORGHUM—IRRIGATION

Irrigation conditions for sorghum cernuum in the Kara-Kalpak A. S. S. R. Kh. Muminov. Zemledelie 24 no. 10;26-31 O '62.

KARA-KALPAK A. S. S. R.—TRANSPORTATION, AUTOMOTIVE—FREIGHT

Utilize the advantages of centralized transportation. R. Nabiev. Nar. khoz. Uzb. 4 no. 10;81-83 O '62.

KARA KUM—CATS

Ecology of the caracal (Felis caracal Mull) in the Kara Kum [with summary in English]. IU. F. Sapozhenkov. Zool. zhur. 41 no. 7;1111-1112 Jl '62

KARA KUM—WOODY PLANTS

Growth of ossitic trees and shrubs in the desert of Kara Kum. V. P. Dubrovskii. Izv. AN Turk. SSR, Ser. biol. nauk no. 5;80-82 '62.

KARA KUM CANAL—EARTHWORK

Working sandy soils in construction of the Kara Kum Canal. D. Esenov. Mekh. stroi. 19 no. 11;3-5 N '62.

KARA-MAZAR MOUNTAINS—LEAD ORES

Wall-rock alterations of lead-zinc deposits occurring in effusive rocks as revealed by the studies of the Zambarak deposit in the eastern Kara-Mazar Mountains. D. A. Amiraslanov, L. M. Lur'e. Trudy Inst. geol. AN Azerb. SSR 22;102-152 '62.

KARA-MAZAR MOUNTAINS—METAMORPHISM (GEOLOGY)

Wall-rock alterations of lead-zinc deposits occurring in effusive rocks as revealed by the studies of the Zambarak deposit in the eastern Kara-Mazar Mountains. D. A. Amiraslanov, L. M. Lur'e. Trudy Inst. geol. AN Azerb. SSR. 22;102-152 '62.

KARA-MAZAR MOUNTAINS—PROSPECTING

Comparative advantages of prospecting by test drilling or during mining in complex ore deposits of the eastern Kara-Mazar Mountains. E. G. Krasnov. Uch. zap. SAIGIMSa no. 5;153-161 '61.

KARA-MAZAR MOUNTAINS—ZINC ORES

Wall-rock alterations of lead-zinc deposits occurring in effusive rocks as revealed by the studies of the Zambarak deposit in the eastern Kara-Mazar Mountains. D. A. Amiraslanov, L. M. Lur'e. Trudy Inst. geol. AN Azerb. SSR. 22;102-152 '62.

KARA-TAU—CORALS, FOSSIL

Corals of the genus Tabulophyllum Fenton et Fenton resembling Caninia in Famenian sediments of the central Kara-Tau. A. I. Zolkina. Izv. vys. ucheb. zav., geol. i razv. 5 no. 8;3-20 Ag '62.

KARABANOVO—INSURANCE, SOCIAL

Generous soul. V. Khmeleva. Okhr. truda i sots. strakh. 5 no. 10;27-28 O '62.

KARABANOVO (VLADIMIR PROVINCE)—TEXTILE INDUSTRY—HYGIENIC ASPECTS

Generous soul. V. Khmeleva. Okhr. truda i sots. strakh. 5 no. 10 27-28 O '62.

KARABIL'—SIEROZEM SOILS

Sierozem soils of the Karabil' Upland. A. P. Lavrov. Izv. AN Turk. SSR, Ser. biol. nauk no. 5;38-43 '62

KARAGANDA PROVINCE—INDUSTRIES

When they don't try to improve industrial management. S. Gatilov. Part. zhizn' Kazakh. 32 no. 10;41-44 O '62.

KARAKUL SHEEP see subdivision under Mary Province; Soviet Central Asia, Uzbekistan

KARAULOV, OLEG

Artillery scout. V. Andrianov. Voen. znan. 38 no. 11; 15-16 N '62.

KARDAKOV, ARKADII IVANOVICH, 1888-1962

Arkadii Ivanovich Kardakov, obituary. Bum. prom. 37 no. 10, 31 O '62

KARELIA—BLACK FLIES

"Black flies of Karelia and Murmansk Province (Diptera, Simulidae)" by Z. V. Usova. Reviewed by I. A. Rubtsov. Ent. obozr. 41 no. 2 482-484 '62.

KARELIA—CONSTRUCTION INDUSTRY

Aseev, G. D. [Build quickly, solidly, economically; problems of the development of construction in the Karelian A. S. S. R.] Stroit' bystro, prochno, ekonomno, voprosy razvitiia stroitel'stva v Karel'skoi ASSR, 1962. 154 p.

KARELIA—ELECTRIC POWER DISTRIBUTION

Power should be under a single authority. K. Troitskii. Zhil.-kom. khoz. 12 no. 11;27-28 N '62.

KARELIA—FISHERIES—RESEARCH

Session of the Scientific Council of the Karelian Branch of the Academy of Sciences of the U. S. S. R. on December 11-14, 1961. A. M. Anukhina. Vop. ikht. 2 no. 2. 383-384 '62.

KARELIA—SCANDIUM

Geochemistry of scandium in alkali-ultrabasic rocks of the Kola Peninsula and Karelia. A. A. Kukharenko, M. M. Kler. Zap. Vses. min. ob-va 91 no. 5 520-536 '62.

KARLOVKA DISTRICT—DISABILITY EVALUATION

Once more on the problem of medical collective farm commissions. D. S. Sirota. Vrach. delo no. 8;127-129 Ag '62.

KARST

(see also subdivision under Rostov-on-Don, Vietnam, North)

Effect of karst manifestations in coal deposits on the underground gasification of coals. I. V. Korolev. Nauch. trudy VNIIPodzemgaza no. 7;47-51 '62.

KARTING see subdivision under Latvia, Moscow

KARTVELISHVILI, LAVRENTII IOSIFOVICH, 1891-d. 1938?

L. I. Kartvelishvili, an ardent fighter for the happiness of the Soviet people. ID. M. Savchenko. Ukr. ist. zhur. 6 no. 4;151-152 Jl-Ag '62.

KARYMSKIY VOLCANO

Notes on the eruption of the Karymskiy Volcano in 1960. G. S. Gorshkov. Biul. vulk. sta. no. 32;24-32 '62.

KARYOKINESIS

Experimental alteration of the diurnal cycle of mitoses by changes in illumination. L. P. Kosichenko. Dokl. AN SSSR 147 no. 1;258-262 N '62.

KASHCHENKO, GEORGII ANTONOVICH, 1889-1962

Georgii Antonovich Kashchenko; an obituary. Metalloved. i term. obr. met. no. 8 63 Ag '62.

KASHMIR—EAGLES

Mystery of the glowing rock. IU. Budantsev. IUn. nat. no. 10 24-25 O '62

KASHUK, MOISEI EMMANUILOVICH, 1899-1961

In memory of Moisei Emmanuilovich Koshuk. Vest. oft. no. 1;94 '62.

KASTORNAYA NOVAYA—TEACHERS

Align with the best. IU. I. Golubiatnikov. Nach. shkola 30 no. 11;29-30 N '62.

KATANGSKIY DISTRICT—TUNGUSES

Traditional ways of hunting and reindeer breeding of the Evenki. IU. B. Strakach. Krat. soob. Inst. etn. no. 37. 46-56 '62.

KATANOV, NIKOLAI FEDOROVICH, 1862-1922

A conference dedicated to the centenary of N. F. Katanov's birth. M. I. Borgoiakov. Nar. Az. i Afr. no. 6:216-217 '62.

KATATONIA see Catatonia

KAZAKHSTAN—ACCOUNTING—STUDY AND TEACHING

In the Council of Ministers of the Kazakh S.S.R. Uchet i fin. v kolkhoz. i sovkhoz. 19 no. 7:55 Jl '62.

KAZAKHSTAN—AGRICULTURAL COLLEGES

Let's make fuller use of the possibilities to develop agricultural education in Kazakhstan. M. V. Cheb,shev. Vest. vys. shkoly 20 no. 11:84-85 N '62.

KAZAKHSTAN—AGRICULTURE

Organizational and mass political work on the virgin lands. I. Shamshatov. Izv. AN Kazakh. SSR. Ser. ist., arkheol. i etn. no. 3:36-50 '62.

KAZAKHSTAN—APARTMENT HOUSES

Goloykin, B. I. [Large-panel construction of dwellings in Kazakhstan] Krupnopanel'noe stroitel'stvo zhilishch v Kazakhstane. Alma-Ata, Kazakhskoe gos. izd-vo, 1962. 204 p.

KAZAKHSTAN—ARCHAEOLOGY

Conference of graduate students. S. Nurmukhamedov. Izv. AN Kazakh. SSR. Ser. ist., arkheol. i etn. no. 3:88-90 '62.

KAZAKHSTAN—ARCHITECTURE—DESIGNS AND PLANS

Kazakhstan. Ch. Bapishev, A. Mukhtarov. Arkhit. SSSR no. 9:27-29 '62.

KAZAKHSTAN—ARCHIVES

A regional conference of the archivists of Central Asia and Kazakhstan. L. N. Krivoshein. Ist. arkh. 8 no. 1:240 Ja-F '62.

KAZAKHSTAN—CAPITAL

Indices of the utilization of capital assets are needed. T. Ashimbaev. Nar. khoz. Kazakh. 20 no. 9:27-30 S '62.

KAZAKHSTAN—COAL—TRANSPORTATION

It is necessary to review the railroad statutes. I. Polishchuk, I. Akubovich. Nar. khoz. Kazakh. 20 no. 9:61-65 S '62.

KAZAKHSTAN—COMMUNIST PARTY OF THE SOVIET UNION

Let us promote and develop criticism and self-criticism. N. Kazatov. Part. zhizn' Kazakh. 32 no. 11:25-29 N '62.

Report and election campaign in local party organizations. Part. zhizn' Kazakh. 32 no. 10:29-34 O '62.

KAZAKHSTAN—COMMUNIST PARTY OF THE SOVIET UNION—MEMBERSHIP

The decisive sector of party work. Part. zhizn' Kazakh. 32 no. 10:3-9 O '62.

KAZAKHSTAN—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

Organizational and mass political work on the virgin lands. I. Shamshatov. Izv. AN Kazakh. SSR. Ser. ist., arkheol. i etn. no. 3:36-50 '62.

Party news. Part. zhizn' Kazakh. 32 no. 10:78-79 O '62.

Party news. Part. zhizn' Kazakh. 32 no. 11:78-79 N '62.

KAZAKHSTAN—COMMUNISTS

How they review the conduct of party members. N. Khismatullin. Part. zhizn' Kazakh. 32 no. 10:54-58 O '62.

KAZAKHSTAN—CONSTRUCTION INDUSTRY—COSTS

Obstacles in the path of reducing production costs. N. Kuznetsov. Nar. khoz. Kazakh. 20 no. 9:7-10 S '62.

KAZAKHSTAN—CONSTRUCTION INDUSTRY—MANAGEMENT

Improve the organizational forms of construction management. V. Putintsev. Ekon. stroi. no. 11:7-11 N '62.

KAZAKHSTAN—DERMATOLOGY

Pressing problems in dermatovenereology in Kazakhstan. U. B. Berdybaev, M. O. Omarov. Zdrav. Kazakh. 22 no. 6:3-5 '62.

KAZAKHSTAN—DISTILLING, ILLICIT

How we struggle against illicit distilling. B. S. Beisenov. Trudy Inst. filos. i prava AN Kazakh. SSR 6:234-249 '62.

KAZAKHSTAN—DODDER

Observing the dodder. V. I. Olifirenko. Zashch. rast. ot vred. i bol. 4 no. 6:46-47 N-D '59.

KAZAKHSTAN—ECONOMIC CONDITIONS

Conference of graduate students. S. Nurmukhamedov. Izv. AN Kazakh. SSR. Ser. ist., arkheol. i etn. no. 3:88-90 '62.

The Great October Revolution and the historical fate of the Kazakh people. T. Zhangel'din. Part. zhizn' Kazakh. 32 no. 10:10-15 O '62.

KAZAKHSTAN—ECONOMIC GEOGRAPHY

New developments in the distribution of production forces in Kazakhstan. Part. zhizn' Kazakh. 32 no. 11:14-19 N '62.

KAZAKHSTAN—EDUCATION

Temporary educational departments of party committees. G. Zadorozhnyi. Part. zhizn' Kazakh. 32 no. 11:37-41 N '62.

KAZAKHSTAN—ELECTION LAW

Kazakh S.S.R. Laws, statute, etc. [Statute of elections to territory, province, district, city settlement, village, and aul soviets of workers' deputies of the Kazakh S.S.R. Adopted by decree of the Presidium of the Supreme Soviet of the Kazakh S.S.R., October 6, 1950. With amendments introduced by decrees of the Presidium of the Supreme Soviet of the Kazakh S.S.R, December 20, 1954, December 30, 1958, and January 5, 1961] Polozhenie o vyborakh v kraevoi, oblastnye, raionnye, gorodskie, poselkovye, sel'skie i aul'nye Sovety deputatov trudiashchikhsia Kazakhskoi SSR. Utverzhdeno Ukazom Prezidiuma Verkhovnogo Soveta Kazakhskoi SSR ot 20 dekabria 1954 goda, ot 30 dekabria 1958 goda i ot 5 ianvaria 1961 goda. Alma-Ata, Kazakhskoe gos. izd-vo, 1961. 28 p.

[MICROFILM]

KAZAKHSTAN—FARM MECHANIZATION

Each collective and state farm should have its own machinery operators. Part. zhizn' Kazakh. 32 no. 11:9-13 N '62.

Mechanized detachments. Sel'. mekh. no. 4:15-16 '62.

KAZAKHSTAN—FAULTS (GEOLOGY)

Classification of extensive faults in geosynclinal regions, as exemplified by Kazakhstan and Central Asia. A. I. Suvorov. Dokl. AN SSSR 147 no. 1:191-194 N '62.

KAZAKHSTAN—FIELD MICE

Effect of winter conditions on the number of water voles. I. I. Stogov. Zashch. rast. ot vred. i bol. 4 no. 6:43-44 N-D '59.

KAZAKHSTAN—FINANCE

They are violating payment discipline. V. Bondarenko. Nar. khoz. Kazakh. 20 no. 9:45-49 S '62.

KAZAKHSTAN—INDUSTRIAL EQUIPMENT

The figures are causing alarm. G. Timashev. Nar. khoz. Kazakh. 20 no. 9:73-75 S '62.

KAZAKHSTAN—INDUSTRIAL MANAGEMENT

Final quarter. Nar. khoz. Kazakh. 20 no. 9:3-6 S '62.

The plan is an operational directive. V. Novozhilov. Nar. khoz. Kazakh. 20 no. 9:23-26 S '62.

They are violating payment discipline. V. Bondarenko. Nar. khoz. Kazakh. 20 no. 9:45-49 S '62.

KAZAKHSTAN—INDUSTRIAL STATISTICS

Indices of the utilization of capital assets are needed. T. Ashimbaev. Nar. khoz. Kazakh. 20 no. 9:27-30 S '62.

KAZAKHSTAN—INDUSTRIES

New developments in the distribution of production forces in Kazakhstan. Part. zhizn' Kazakh. 32 no. 11:14-19 N '62.

KAZAKHSTAN—INDUSTRIES, LOCATION OF

Industrial distribution in the republic. A. Ormanbaev. Nar. khoz. Kazakh. 20 no. 9:57-60 S '62.

KAZAKHSTAN—LAND TENURE

Kuchkin, A. P. [Consolidation of Soviet rule in the rural areas of Kazakhstan, 1920-1929] Sovetizatsiia kazakhskogo aula, 1920-1929 gg. Moskva, Izd-vo Akad. nauk SSSR, 1962. 430 p.

KAZAKHSTAN—LANGUAGE AND LANGUAGES—CONGRESSES

Conference of foreign language teachers of Kazakh S.S.R. institutions of higher learning. G. IA. Pankrats. Inostr. iaz. v shkole no. 4:123-124 Jl-Ag '62.

KAZAKHSTAN—LAW

Ch. Velikhanov's views on the state and law. A. Atishev. Trudy Inst. filos. i prava AN Kazakh. SSR 6:250-262 '62.

KAZAKHSTAN—MACHINERY INDUSTRY

Specialize, taking into consideration the state's interests. A. Musakbaev. Nar. khoz. Kazakh. 20 no. 9:50-56 S '62.

KAZAKHSTAN—MEDICAL RESEARCH

Results of and prospects for research operations of the Institute of Regional Pathology. N. D. Beklemishev. Trudy Inst. kraev. pat. AN Kazakh. SSR 12:3-17 '62.

KAZAKHSTAN—MEDICINE

Medicine for migrants in Kazakhstan. R. I. Samarin. Zdrav. Kazakh. 22 no. 6:66-71 '62.

KAZAKHSTAN—MILLET

Some problems of the biology of African millet. IU. I. Kirillov. Agrobiologiia no. 5:790-791 S-O '62.

KAZAKHSTAN—MINE HAULAGE

For perfect organization of underground transportation. A. P. Radchenko, B. I. Akulov. Bezop. truda v prom. 6 no. 6:10-11 Je '62.

KAZAKHSTAN—MINERALS

Prospects for obtaining vanadium and its alloys from Kazakhstan ores. A. M. Kunaev, V. V. Volenik. Trudy Inst. met. i obog. AN Kazakh. SSR 5:3-11 '62.

KAZAKHSTAN—NEWSPAPER AND PERIODICAL CIRCULATION

Our press and the masses. Part. zhizn' Kazakh. 32 no. 11:34-36 N '62.

KAZAKHSTAN—ORE DEPOSITS

Genetic association of complex metal, rare metal, and phosphorus mineralization with an effusive-intrusive complex of the Karadokskii stage (northeastern part of central Kazakhstan). V. S. Mishchenko. Izv. vys. ucheb. zav., geol. i razv. 5 no. 8:98-106 Ag '62.

KAZAKHSTAN—PEASANTRY

The effort of the Communist Party to induce the nomadic and semi-nomadic peasants in Kazakhstan to settle down on farms. M. Kh. Shaumian. Izv. AN Kazakh. SSR. Ser. ist., arkheol. i etn. no. 3:18-35 '62.

KAZAKHSTAN—POLITICS AND GOVERNMENT

Kuchkin, A. P. [Consolidation of Soviet rule in the rural areas of Kazakhstan, 1920-1929] Sovetizatsiia kazakhskogo aula, 1920-1929 gg. Moskva, Izd-vo Akad. nauk SSSR, 1962. 430 p.

KAZAKHSTAN—RAILROADS—EMPLOYEES

Kazakhstan railroad workers in the struggle for the establishment of Soviet rule, 1917-1920 [in Kazakh with summary in Russian]. M. Balkenov. Izv. AN Kazakh. SSR. Ser. ist., arkheol. i etn. no. 3:62-76 '62.

KAZAKHSTAN—RECLAMATION OF LAND—CONGRESSES

Integrated use of land and water resources in Central Asia and Kazakhstan. I. F. Rusinov. Gidr. i mel. 14 no. 10:51-55 O '62.

KAZAKHSTAN—REVOLUTION, 1917-1921

"History of the October Revolution and civil war in Kazakhstan." Reviewed by K. Zheltiakova, S. Turganbaev. Part. zhizn' Kazakh. 32 no. 11:71-73 N '62.

Kazakhstan railroad workers in the struggle for the establishment of Soviet rule, 1917-1920 [in Kazakh with summary in Russian]. M. Balkenov. Izv. AN Kazakh. SSR. Ser. ist., arkheol. i etn. no. 3:62-76 '62.

KAZAKHSTAN—REVOLUTION OF 1905

Promotion and dissemination of Marxist-Leninist ideas in Kazakhstan during the first Russian revolution. M. S. Burabaev. Trudy Inst. filos. i prava AN Kazakh. SSR 6:52-92 '62.

KAZAKHSTAN—RUSSIAN SOCIAL DEMOCRATIC PARTY

Promotion and dissemination of Marxist-Leninist ideas in Kazakhstan during the first Russian revolution. M. S. Burabaev. Trudy Inst. filos. i prav AN Kazakh. SSR 6:52-92 '62.

KAZAKHSTAN—SEEDS—DISINFECTION

Extend the disinfection with formalin. G. M. Shkurenko. Zashch. rast. ot vred. i bol. 7 no. 3:29 Mr '62.

KAZAKHSTAN—SHEEP

Method of distributing expenses between the conjugated forms of production in sheep farming. V. A. Abdullin. Zhivotnovodstvo 23 no. 2:33-38 F '61.

KAZAKHSTAN—SHEEP—PHYSIOLOGY

Activity of the digestive enzymes of sheep under conditions of a biogeochemical boron province in northwestern Kazakhstan. V. V. Kovalevskii, I. K. Shakhova. Dokl. AN SSSR 146 no. 4:967-970 O '62.

KAZAKHSTAN—SHEEP—WATERING

Mobile belt water-pumping units on pastures. L. E. Tazhibaev. Zhivotnovodstvo 23 no. 2:79-81 F '61.

KAZAKHSTAN—STATE FARMS

Organizational forms and legal characteristics of state farms; based on the materials of the Kazakh S.S.R., from 1953-1958. V. Levchenko. Trudy Inst. filos. i prava AN Kazakh. SSR 6:93-113 '62.

KAZAKHSTAN—STRAW AS FEED

First Kazakhstan forage hydrolysis station. I. I. Sharlov. Zhivotnovodstvo 23 no. 2:24-26 F '61.

KAZAKHSTAN—SURGICAL SOCIETIES

Activity of the Surgical Society of Kazakhstan in 1961. G. K. Tkachenko. Zdrav. Kazakh. 22 no. 6:75-76 '62.

KAZAKHSTAN—VENEREOLOGY

Pressing problems in dermatovenereology in Kazakhstan. U. B. Berdybaev, M. O. Omarov. Zdrav. Kazakh. 22 no. 6:3-5 '62.

KAZAKHSTAN—WATER—POLLUTION

A matter of great importance. A. Khegai, F. Kim, B. Karmozin. Nar. khoz. Kazakh. 20 no. 9:76-78 S '62.

KAZAKHSTAN PROVINCE—BATHS, MOOR AND MUD

Curative value of Snezhinka Lake. N. M. Parkhomenko, N. P. Shinkevich, P. E. Tret'iak. Vop. kur., fizioter. i lech. fiz. kul't. 27 no. 2:160 Mr-Ap '62.

KAZAN—COMMUNIST EDUCATION
Lively discussion and not only reading. V. Turikov. Sov torg 35 no 7 14-16 Jl '62

KAZAN—ETHNOLOGY—SOCIETIES, ETC.
Constituent Congress of the Society of Archaeology, History, and Ethnography of the Kazan University A. P Novitskaia Sov. etn no 5 143-145 S-O '62

KAZANESHTI—COOPERATIVE SOCIETIES
In a progressive rural cooperative society. I Korolina Sov. potreb. koop. 6 no. 10 36 O '62.

KAZANSKII, BORIS VASIL'EVICH, 1889-1962
In memory of B. V. Kazanskii. Vest. drev. ist. no. 4: 185 '62.

KEDAINIAI DISTRICT—PLANTS, PROTECTION OF
Each farm will have its machinery operator I. Gliuskas. Zashch. rast. ot vred. i bol. 7 no. 3, 14-15 Mr '62.

KEMEROVO PROVINCE—CORN (MAIZE)—FERTILIZERS AND MANURES
Types of phosphorus fertilizers for corn. IA E. Bezel'. Zemledelie 24 no. 10, 60-62 O '62.

KEMEROVO PROVINCE—NATURE STUDY
Zykov, I. V. [Nature calendar of Kemerovo Province] Kalendar' prirody Kemerovskoi oblasti [Kemerovo] Kemerovskoe knizhnoe izd-vo, 1960 126 p [MICROFILM]

KENTAU—EXCAVATING MACHINERY
Put the economy of labor at the center of attention. A. Elinsizov. Nar. khoz. Kazakh. 20 no. 9, 11-15 S '62.

KERAMZIT
Improved method of manufacturing keramzit. L. E. Protas. Stroi. i arkhit. Len 24 no 12, 11-13 D '61.
Keramzit concrete in industrial construction S. S. Kirkorov. Prom. stroi. 40 no 8, 22-25 '62.
Manufacture of keramzit-concrete products at the Kharkov housing construction combine. O Savchuk. Bud. mat. i konstr. 4 no. 5 34-37 S-O '62.
Standard plan of a plant for the production of keramzit. A. G. Chorpak, N. P. Kamyshanskii Stroi mat 8 no 10 10-12 O '62

KERATOSIS
Chronic benign pemphigus of the Hailey-Hailey type and its relation to the pemphigoid form of Darier's disease [with summary in English]. M. I. Per, V. G. Dadiomova. Sov. med. 26 no. 7, 80-87 Jl '62

KERCH BASIN—IRON MINES AND MINING
Prospects for the development of the Kerch ore center. N. S. Dovzhik, P. A. Tatsienko. Met. i gornorud. prom. no. 2, 48-51 Mr-Ap '62.

KERCH PENINSULA—CRANIOLOGY
Anthropological data on the skulls from Kerch. K. F. Sokolova. Mat. z antr. Ukr. no. 2, 88-91 '62.

KERCH PENINSULA—GEOLOGY
Geological history of the Kerch-Taman' trough A. N. Shardanov. Trudy KF VNII no 10 40-52 '62.

KERCH PENINSULA—IRON AND STEEL PLANTS—TECHNOLOGICAL INNOVATIONS
Bludilin, M. A. [Main potential] Glavnyi rezerv. Simferopol', Krymizdat, 1960. 15 p.

KERCH PENINSULA—ORE DRESSING
Magnetization roasting of Kerch ores in the experimental factory of Kamysh-Burun Combine V P. Bushuev and others. Gor. zhur. no. 12, 30-37 D '62.
Technology of dressing Kerch tobacco-colored ores. V. T. Barishpolets, N S. Dovzhik, P. A Tatsienko. Gor. zhur. no. 12, 37-40 D '62.

KERKI DISTRICT—PISTACHIO
National pistachio preserve of Khodzha-Burzhi-Belend. E. A. Kliushkin. Izv. AN Turk. SSR, Ser. biol. nauk no. 5, 24-28 '62.

KESSLER, KARL FEDOROVICH, 1815-1881
Banina, N. N. [K. F. Kessler and his role in the development of biology in Russia] K. F. Kessler i ego rol' v razvitii biologii v Rossii. Moskva, Izd-vo Akad. nauk SSSR, 1962. 139 p. (Nauchno-biograficheskaia serila)

KETOLS—SPECTRA
Infrared spectra and structure of ketols. I. S. Trubnikov, IU. A. Pentin. Zhur. ob. khim. 32 no. 11, 3590-3595 N '62.

KETONES
Chemistry of selenophene. Part 40: β-Diketones of the selenophene series. IU. K. IUr'ev, N. N. Magdesieva, V. V. Titov. Zhur. ob. khim. 32 no. 10, 3252-3255 O '62.
Condensation of glyoxylic acid esters with ketones. IU. A. Arbuzov, E. I. Klimova. Zhur. ob. khim. 32 no. 11, 3676-3681 N '62.
Condensation of nitroacetone, nitroacetophenone, and nitroacetonitrile with o-aminophenylmercaptan. A. I. Kiprianov, T. M. Verbovskaia. Zhur. ob. khim. 32 no. 11, 3703-3707 N '62.
Diene synthesis involving acetoxymethyl vinyl ketone. IU. A. Arbuzov, A. M. Korolev. Zhur. ob. khim. 32 no. 11, 3674-3676 N '62.
Preparation of aldehydes and ketones by a combined catalytic oxidation and dehydrogenation of alcohols. R. M. Flid, A. E. Krasotkin. Kin. i kat. 3 no 2, 282-288 Mr-Ap '62.
Steric hindrances encountered in dineopentyl ketone and its derivatives. A. L. Liberman, T. V. Vasina Zhur. ob. khim. 32 no. 10 3233-3237 O '62.
Synthesis of β-arylamino ketones and their hydramine cleavage N. S. Kozlov, V. D. Pak Zhur. ob. khim. 32 no. 10 3366-3369 O '62.

KETYLS—SPECTRA
Spin density distribution in some metal ketyls I. D. Morozova, M. E. Dinkina. Dokl. AN SSSR 146 no. 4 830-832 O '62.

KHABAROVSK TERRITORY—COLLEMBOLA—EXTERMINATION
The collembola Sminthrus sp., a vegetable pest in Khabarovsk Territory K E Voronin Zashch rast ot vred i bol 7 no 7 59 Jl '62

KHABAROVSK TERRITORY—CROP ROTATION
Fallowless crop rotations and tillage. A. V. Korolev. Zemledelie 24 no 10, 8-8 O '62

KHABAROVSK TERRITORY—TILLAGE
Fallowless crop rotations and tillage. A. V. Korolev. Zemledelie 24 no. 10, 8-8 O '62.

KHABAROVSK TERRITORY—VEGETABLES—DISEASES AND PESTS
The collembola Sminthrus sp., a vegetable pest in Khabarovsk Territory. K E Voronin Zashch rast ot vred i bol. 7 no 7 59 Jl '62

KHAKASS AUTONOMOUS PROVINCE—COLLECTIVE FARMS—ACCOUNTING
The start has been made. P. S. Semenov. Uchet i fin. v kolkhoz. i sovkhoz 19 no 7 5-6 Jl '62.

KHALILOVO—STEEL—METALLURGY
Improved technology for the making of native alloy steel at the Orsk-Khalilov Metallurgical Combine. IU. B. Takhtaev and others. [Sbor. trud.] Nauch.-issl. inst. met. no. 4 82-90 '61.

KHARAULAKH RANGE—FINCHES
Siberian finch (Leucosticte arctoa Pall.) in the Kharaulakh Mountains. V. I. Kapitonov. Biul. MOIP. Otd biol. 67 no. 3, 119-122 My-Je '62

KHARKOV—LIGHTWEIGHT CONCRETE
Manufacture of keramzit-concrete products at the Kharkov housing construction combine. O. Savchuk. Bud. mat. i konstr. 4 no. 5 34-37 S-O '62.

KHARKOV—MACHINERY INDUSTRY
Zmaga, P. I. [For the further development of industry] Za dal'neishee razvitie promyshlennosti; iz opyta Khar'kovskogo administrativnogo ekonomicheskogo raiona [Khar'kov] Khar'kovskoe knizhnoe izd-vo, 1962. 35 p.

KHARKOV—PRECAST CONCRETE CONSTRUCTION
Experimental construction of an industrial building. S. Ostapenko Prom. stroi. i inzh. soor 4 no. 2, 1-4 Mr-Ap '62.

KHARKOV PROVINCE—COOPERATIVE SOCIETIES
Let's raise the standard of economic work B. Buchkin, B. Khvostov Sov potreb koop. 6 no. 7, 33-37 Jl '62

KHARKOV PROVINCE—DAIRYING
Economic effectiveness of milk production during various seasons A O Omel'iancnko Visnyk sil'hosp nauky 5 no 5 86-87 My '62

KHARKOV PROVINCE—FLIES
Methods of phenological observations on synanthropic flies. A. K. Shevchenko, F. P. Shevchenko. Vop. ekol. 4 153-155 '62.

KHAROVSK DISTRICT—FOREST ECOLOGY
Growth of spruce after improvement cuttings in spruce-hardwood stands of the central taiga. E. N. Savin. Trudy Inst. lesa i drev. 53, 71-82 '62.
Physiological characteristics of two biotypes of young spruce growth. I. V. Guildova. Trudy Inst. lesa i drev. 53, 87-96 '62.

KHAROVSK DISTRICT—FOREST MANAGEMENT
Growth of spruce after improvement cuttings in spruce-hardwood stands of the central taiga. E. N. Savin. Trudy Inst. lesa i drev. 53 71-82 '62.

KHAROVSK DISTRICT—FORESTS AND FORESTRY
Silvicultural zoning. A. IA. Rodionov. Trudy Inst. lesa i drev. 53, 245-254 '62.

KHAROVSK DISTRICT—SPRUCE
Fruiting of spruce stands. S. P. Uskov. Trudy Inst. lesa i drev. 53, 3-24 '62.
Photosynthesis and transpiration of spruce under various ecologic conditions. I. V. Guildova. Trudy Inst. lesa i drev. 53, 97-102 '62.
Physiological characteristics of two biotypes of young spruce growth. I V Guildova Trudy Inst lesa i drev. 53 87-96 '62.

KHERSON PROVINCE—FOUNDING
Concentration and specialization of founding in the Kherson Economic Council. A. P. Koshkarev. Vest. mashinostr. 42 no. 11 76-78 N '62.

KHERSON PROVINCE—STATISTICS
Lutov, N. I., and N. E. Sadovoi, comps. [Kherson Province in facts and figures] Khersonskaia oblast' v tsifrakh i faktakh; materialy dlia propagandistov i agitatorov. [Kherson] Khersonskoe knizhno-gazetnoe izd-vo, 1960. 167 p.

KHIBINY MOUNTAINS—MINE GASES
Gases in the Khibiny apatite-nepheline deposits. G. L Voitov. Gor. zhur. no. 12 47-49 D '62

KHIBINY MOUNTAINS—WILLOWS
Effect of ecologic conditions on the change in the morphological structure of the willow Salix reticulata L T G. Derviz-Sokolova Biul MOIP Otd biol. 67 no. 3, 124-128 My-Je '62.

KHIVA—FOREIGN RELATIONS—RUSSIA
N. P. Ignat'ev's mission to Khiva and Bukhara in the light of the data in A G. Serebrennikov's "Collection of documents." L. Mirzaeva. Nauch. rab. i soob. Otd. obshchestv. nauk AN Uz. SSR 4 233-239 '61.

KHIVA OASIS—TELEVISION BROADCASTING
Khorezm is broadcasting. S. Sokolov. Uzbekistan 21 no. 10, 10 '62.

KHLOPIN, NIKOLAI IAKOVLEVICH, 1882-1962
Nikolai IAkovlevich Khlopin. Zav. lab. 28 no. 8 1024 '62.

KHMEL'NIK—BATHS, MEDICATED
Clinical observations on the action of carbonic acid-radon baths in treating diseases of the peripheral nervous system at Khmel'nik health resort. G. A. Novitskii Vrach. delo no. 8, 146-148 Ag '62.

KHMEL'NIK DISTRICT—WOMEN IN AGRICULTURE
One of many. V. E. Savzdarg. Zashch. rast. ot vred. i bol 7 no. 3, 3-4 Mr '62.

KHODKEVICH, SERGEI PETROVICH, 1901-
S. P. Khodkevich. Khirurgiia no 12, 130-131 '61.

KHOREZM PROVINCE—GAMES, INDIC
"Pachiz" [with summary in English]. G. P Snesarev. Sov. etn. no 5 82-93 S-O '62

KHOREZM PROVINCE—PASTURES AND MEADOWS
Natural supply of green fodder G TSoi, S Karimov. Nar khoz Uzb. 1 no 10, 69-72 O '62.

KHOREZM PROVINCE—STOCK AND STOCKBREEDING
Natural supply of green fodder. G. TSoi, S. Karimov Nar. khoz. Uzb 4 no. 10 69-72 O '62.

KHOROL DISTRICT—SWINE—FEEDING AND FEEDS
Some results of the specialization of agricultural production. Part. zhizn' Kazakh. 32 no. 11, 68-69 N '62.

KHOTIN DISTRICT—UKRAINIANS—ANTHROPOMETRY
Anthropological characteristics of the Ukrainians in the Khotin District. V. D. Diachenko, S. I. Zhylitaieva. Mat. z antr. Ukr. no. 2, 18-20 '62.

KHOYNIKI DISTRICT—WORLD WAR, 1939-1945—UNDERGROUND MOVEMENTS
Trial by fire. A. Zakharanka. Rab. i stal. 38 no. 11: 14-15 N '62.

KHRENNIKOV, TIKHON NIKOLAEVICH, 1913-
Ivanov, E. P. [T. Khrennikov's opera "In the storm"; an analysis] Opera T. Khrennikova "V burliu", poiasnenie Moskva, Sovetskii kompozitor, 1962. 79 p.

KHRUSHCHEV, NIKITA SERGEEVICH, 1894-
The "Leninist style" of political propaganda and information. V. Makov. Komm. Uz. 34 no 5 66-71 My '62.

KICHIKEMIN—DIKES (GEOLOGY)
Formation of Paleozoic dikes in northern Kirghizia as revealed by the studies in the Dzhumgol-Tau and Lesser Kemin Basin. E. M. Izraileva, I. V. Nosyrev. Mat. po geol. Tian'-Shania no. 2, 111-120 '62.

KIDNEYS
Extrarenal hyperazotemia in acute febrile diseases [with summary in English]. L. S. Teodosiev. Sov. med. 26 no. 7, 11-15 Jl '62.
Functional capacity of the liver and kidneys in rheumatism. N. S. Lebed', Zdrav. Bel. 8 no. 7, 31-34 Jl '62.
Unsynchronous formation of systems of oxidizing enzymes in the cells of different parts of the nephron of rats in postnatal ontogenesis. IU. V. Natochin. Dokl. AN SSSR 147 no. 2, 509-512 '62.

KIDNEYS—DISEASES
(see also subdivision under Vratsa District)

Abdominal aortography and its clinical significance [with summary in English]. N. A. Lopatkin Urologiia no 1 26-32 '62

Amount of sulfhydryl compounds in separate fractions of serum proteins in patients with liver cirrhosis, cholecystitis, and nephritis [with summary in English] Vop med khim 8 no 1:53-56 Ja-F '62

Characteristics of the clinical course of pyelonephritis in patients with polycystic disease of the kidneys [with summary in English]. M. D Dzhavad-Zade Urologiia no. 1:52-56 '62.

Combination of progressive lipodystrophy with a nephrotic syndrome N B Belen'kaia Zdrav Bel 7 no 11 56-57 N '61

Dependence of the degree of edema on the hyaluronidase activity of the blood serum in nephropathies in children I N Usov Zdrav Bel 8 no 2 21-26 F '62.

Dyskinesia of the kidney pelvis and ureters [with summary in English] A. Z. Gzirishvili. Urologiia no 1 41-43 '62.

Intestinal plastic surgery of the ureter in hydroureteronephrosis. V. A. Orlov Urologiia no 1:82-84 '62

"Pyelonephritis" by A. IA. Pytel', S. D Goligorskii Reviewed by P. I. Gel'fer. Urologiia no 1:90-92 '62

State of the liver in nephrosis. A. A. Aivazian. Trudy Erev med inst. no 11:273-276 '60.

Transfemoral renovasography by the Zel'dinger method [with summary in English] A Chervenakov, G Gospodinov, H Minkov Urologiia no. 1 33-35 '62

Treatment of interstitial nephropathies. S. Zossin (from "Medicina Interna," (Bucharest), No.7, 1961 Urologiia no. 1:99 '62.

Urgent problems in nephrology [with summary in English]. A. IA. Pytel', S. D. Goligorskii. Urologiia no 1:6-15 '62.

KIDNEYS—SURGERY

Functional capacity of the kidney after resection and unilateral nephrectomy, experimental study. N. V. Bobrova. Urologiia 27 no 4 14-17 Jl-Ag '62.

Plastic operations on the kidney pelvis and ureter in children [with summary in English] I. M Bykov Urologiia 27 no. 4 6-10 Jl-Ag '62.

Resection of the median section of the kidney; experimental study. A. I. Klaptsova. Urologiia 27 no. 4 10-13 Jl-Ag '62.

Site of resection of the kidney in the overall compound treatment of tuberculosis of the kidneys A. B. Topchan, V. D. Grund, T. P Mochalova. Urologiia 27 no. 4 21-24 Jl-Ag '62

KIDNEYS—TRANSPLANTATION

Function of a transplanted reinnervated kidney [with summary in English]. A. A. Lebedev. Biul. eksp. biol. i med. 54 no. 7 18-22 Jl '62.

KIDNEYS—TUBERCULOSIS

Functional state of the adrenal cortex in tuberculosis of the kidneys [with summary in English]. R. F. Tkachuk Urologiia 27 no. 4 24-26 Jl-Ag '62.

Site of resection of the kidney in the overall compound treatment of tuberculosis of the kidneys. A. B. Topchan, V. D. Grund, T. P Mochalova. Urologiia 27 no. 4:21-24 Jl-Ag '62.

KIDNEYS—TUMORS

Clinical aspects and treatment of tumors of the kidneys and upper urinary tract [with summary in English]. A. IA. Abramian Urologiia no. 1:15-20 '62.

Results of the treatment of neoplasms of the kidneys and upper urinary tract. V. F. Krivorot'ko. Zdrav. Bel. 8 no. 7:57-59 Jl '62.

Solitary cysts of the kidneys and perirenal cellular tissue. R. P Postnikov Vest khir no. 6, 86-93 '62

KIDNEYS—WOUNDS AND INJURIES

Treatment of closed trauma of the kidneys. N. I. Palivoda. Zdrav. Bel. 8 no. 7:20-21 Jl '62.

KIDNEY, ARTIFICIAL

Crush syndrome and its treatment by the method of hemodialysis using the "artificial kidney" apparatus V A Agranenko, V. V. Vorozhishchev Vest. khir. no. 5:63-68 '62.

Study of and experience in the use of the Soviet artificial kidney apparatus. M. G. Anan'ev and others Sov. med. 26 no. 7, 15-20 Jl '62.

KIEV—APARTMENT HOUSES

The economics of large-panel housing construction. V. Izmailov. Bud. mat. i konstr. 4 no. 5:11-12 S-O '62.

Improving elements for large-panel housing construction. V. Lelychenko. Bud. mat. i konstr. 4 no. 5:6-11 S-O '62.

KIEV—AUXILIARY POLICE

It's a great honor to be a voluntary policeman G. Leonchenko. Rad pravo no 6:53-54 N-D '62.

KIEV—CHESTNUT

May Kiev chestnut trees flower everywhere. V. Mustichuk Ukraina no. 23 32 D '62

KIEV—CONGRESSES

The Second All-Union Conference on the Theory of Invariance and its Application in Automatic Control Systems held in Kiev during May 29, - June 1, 1962 S. G. Kozubovs'kyi, IU V. Krementulo Avtomatyka 7 no 5 70-73 '62

KIEV—CONSTRUCTION INDUSTRY

Present state and prospects of housing and public construction in Kiev. B Pryimak Bud mat. i konstr. 4 no. 5:1-5 S-O '62.

KIEV—DIPHTHERIA—PREVENTION

Ways for decreasing and eradicating diphtheria in Kiev. I. T. Tishchenko and others Zhur. mikrobiol., epid i immun. 32 no. 12:106-109 D '61.

KIEV—HISTORY

"In the old city of Kiev" by Hryhorii Hryhor'iev. Reviewed by L. V Ukr. ist. zhur 6 no 4:147-148 Jl-Ag '62.

KIEV—MATHEMATICAL SOCIETIES

Methodology of mathematics in the work of the Kiev Physics and Mathematics Society, 1890-1917 B N Belyi Mat v shkole no 4 84-88 Jl-Ag '62

KIEV—NUCLEAR REACTORS

Experimental investigation of the physical parameters of the VVR-M [water moderated-water cooled] reactor of the Institute of Physics of the Academy of Sciences of the Ukrainian S.S.R [with summary in English] M V. Pasichnyk, I K. Batchuk, V B Klymentev. Ukr. fiz. zhur. 7 no. 1 3-14 Ja '62.

KIEV—RESTAURANTS, LUNCHROOMS, ETC

Kiev encounters. M. Pol'skii. Obshchestv. pit. no. 10 16-21 O '62.

KIEV—TYPHUS FEVER

Further study of sporadic cases of exanthematous typhus in Kiev B G. Zatulovskii and others. Zhur mikrobiol., epid. i immun. 32 no. 12:109-112 D '61

KIEV—WORLD WAR, 1939-1945

"Kiev, our heroic city" by D. Grigorovich. Reviewed by M Danyliuk Ukraina no 23 23 D '62

KIEV PROVINCE—ACCOUNTING—STUDY AND TEACHING

Special accounting school needs a new program. S. Z. Freer Uchet i fin v kolkhoz i sovkhoz 19 no. 7:51 Jl '62.

KIEV PROVINCE—OTORHINOLARYNGOLOGICAL SOCIETIES

Report of the activity of the Kiev Province Scientific Society of Otolaryngologists for 1961 A I Kolomiichenko, V. A. Gukovich Zhur ush., nos i gorl. bol 22 no 2:91-96 Mr-Ap '62.

KIEV PROVINCE—SERICULTURE

From the history of Kiev sericulture; on the occasion of the 150th anniversary of the birth of F. V. Chizhov. G. L. Iofa. Shor. nauch.-issl. rab. TTI no 12:275-288 '61.

KIEV PROVINCE—SLAVIC ANTIQUITIES

Fourth-century calendar from the land inhabited by the Poliane. B. A. Rybakov. Sov. arkheol. 6 no. 4:66-89 '62.

KIEV PROVINCE—SURGICAL SOCIETIES

Minutes of meeting No. 572 of the Surgical Society of Kiev and Kiev Province from April 4, 1962. V K Boiko. Klin khir. no 8 92-95 Jl '62

KIHNU—MARRIAGE CUSTOMS AND RITES

Present day wedding on the Kihnu Island. V. IA. Kalits. Trudy Inst. etn 77:114-132 '62.

KIHNU—RURAL CONDITIONS

Present day wedding on the Kihnu Island. V. IA. Kalits. Trudy inst etn. 77:114-132 '62.

KILNS

Development of the use of heat by the refractories industry. N. P. Gordeev, Z. M. Rutman, S. A. Shirinev. Ogneupory 27 no. 11:516-520 '62.

New developments in the study and use of fireproof concretes in thermal units. K. D. Nekrasov. Ogneupory 27 no. 11:524-530 '62.

Tunnel kiln without a frame. A. Naidenov. Sel'. stroi. no 8:13-14 Ag '62.

KILNS, ROTARY
(see also subdivision under Canada)

Longitudinal shift of the frame of a rotary kiln. IU. Mykol's'kyi. Bud. mat. i konst. 4 no. 5:41-42 S-O '62.

New Soviet electrostatic filters for purifying the gases of rotary kilns. V. N. Uzhov. TSement 28 no. 5:1-6 S-O '62.

Saving fuel in clinker burning. V. IA. Mefodovskii. TSement 28 no. 5:15-16 S-O '62.

Some technical and heat-engineering parameters of the production of expanded perlite in a rotary kiln. A. Zhukov, V. Prokhorchuk, V. Stadnyk. Bud. mat. i konstr. 4 no. 5:42-45 S-O '62.

KIMBERLITE see subdivision under Siberian Platform; Yakutia

KIMPERSAY—CHROMITE

Chrome-magnesite refractories manufactured from various kinds of Kimpersay chromite ores. P. N. Babin, R. G. Prokhorova. Trudy Inst. met. i obog. Vs. Kazakh. SSR 5:149-158 '62.

KIMRY DISTRICT—WEED CONTROL

Equipment for chemical weed control in crops. V. N. Kartashov, M. A. Ryzhala. Zashch. rast. ot vred. i bol. 7 no. 4 39 My '62

KINDERGARTEN—MUSIC see subdivision under Leningrad

KINDNESS

Salt and matches Galina Shergova Ogonek 10 no 47 9-10 N '62

KINEL' DISTRICT—SWINE HOUSES AND EQUIPMENT

Overall mechanization when housing swine in large groups V. Ilyov, A. Vladimirov. Sel'. stroi. no. 10 10-11 O '62.

KINEMATICS OF MACHINERY see Machinery, Kinematics of

KINETIC THEORY OF LIQUIDS see Liquids, Kinetic theory of

KINETICS see Motion

KIRGHIZ RANGE—EARTH—SURFACE

Development of crustal cores as revealed by the relief in the western part of the Kirghiz Range A G Zhil'tsov Izv. AN Kir. SSR Ser. est. i tekh. nauk 4 no. 1, 37-30 '62

KIRGHIZISTAN—AGRICULTURE

Soil maps and their importance in the improvement of land cultivation A M Mamytov Zemledelie 24 no. 10:39-42 O '62.

KIRGHIZISTAN—AGRICULTURE, COOPERATIVE

Prerequisites for the development of collective-farm property in Kirghizia. K. Bekturganov. Nauch. trudy i nauch. Otd. obshchestv. nauk AN Uz. SSR 4:152-161 '63.

KIRGHIZISTAN—ANEMONES

Anemones are highly decorative flowers T. S Krivosheeva Izv AN Kir. SSR. Ser. biol. nauk 4 no. 3 89-93 '62.

KIRGHIZISTAN—APPLE

Periodicity of fruit bearing in apple trees B A Arapov Izv AN Kir SSR Ser biol nauk 4 no. 3 139-144 '62

KIRGHIZISTAN—CANNING INDUSTRY

Prospect of the expansion of the canning industry of Kirghizistan M N Karakov. Kons. i ov. prom. 17 no 11 10-12 N '62.

We shall fulfill the seven-year plan ahead of time A S Gal'perin. Kons i ov prom. 17 no. 11:2 9 N '62

KIRGHIZISTAN—CLIMATE—MAPS

Climatological maps of Kirghizistan. Vest. AN SSSR 32 no. 11:98 N '62.

KIRGHIZISTAN—CONSTRUCTION INDUSTRY

In the State Committee on Construction of the Kirghiz S. S. R. Biul stroi tekh. 19 no. 5:35 My '62

Shumkin, N. IA. [New developments at construction projects in Kirghizia] Novoe na stroikakh Kirgizii. Frunze, Kirgizskoe gos. izd-vo, 1961. 55 p.

KIRGHIZISTAN—COOPERATIVE SOCIETIES

Don't accept shortcomings. T. Durmanova. Sov. potreb. koop. 6 no. 7:10-11 Jl '62

KIRGHIZISTAN—FLOWERS

Future development of flower gardening in Kirghizistan L. S. Krivosheeva Izv AN Kir SSR Ser biol nauk 4 no. 3 29-32 '62

KIRGHIZISTAN—HEIFERS—FEEDING AND FEEDS

Raising young cattle on rations with increased amounts of forage corn and alfalfa. N. I. Zakharov, I. M. Solov'eva. Zhivotnovodstvo 23 no. 2:41-46 F '61.

KIRGHIZISTAN—ILLITERACY

The struggle for over-all literacy in the population of Soviet Kirghizistan. S. S. Danilenov. Izv AN Kir. SSR Ser. obshchestv. nauk 3 no. 3:5-18 '61.

KIRGHIZISTAN—INDUSTRIES

Alyshbaev, D. A., and I. M. Natdich. [Prospects for developing heavy industry in the Kirghiz S. S. R. utilizing the fuel and power resources of the Naryn Basin and local mineral resources; problem of the Bol'shoy Naryn] O perspektivakh razvitiia tiazholoi promyshlennosti Kirgizskoi SSR na baze osvoeniia energeticheskikh resursov basseina reki Naryna i mestnogo mineral'nogo syr'ia; problema Bol'shogo Naryna. Frunze, Otdelenie rasprostraneniiu polit i nauchn. znanii Kirgizskoi SSR, 1959. 47 p.

KIRGHIZISTAN—IRRIGATION

Development of irrigation in Kirghizia, 1918-1937. D. M Budianskii. Izv. AN Kir. SSR. Ser. obshchestv. nauk 3 no. 3:21-41 '61.

KIRGHIZISTAN—LANGUAGES—STUDY AND TEACHING

Republic-wide conference of the foreign language teachers in Kirghizia. N P Kim, M S Grebennikova. Inostr. iaz v shkole no. 4 120-121 Jl-Ag '62

KIRGHIZISTAN—NATURAL HISTORY

Tsagaraev, P. T. [Through the mountains and valleys of Kirghizistan] Po goram i dolinam Kirgizii Frunze, Kirgizskoe gos. izd-vo, 1961. 121 p.

KIRGHIZISTAN—NATURAL RESOURCES

Alyshbaev, D. A., and I. M. Naidich. [Prospects for developing heavy industry in the Kirghiz S. S. R. utilizing the fuel and power resources of the Naryn Basin and local mineral resources; problem of the Bol'shoy Naryn] O perspektivakh razvitiia tiazheloi promyshlennosti Kirgizskoi SSR na baze osvoeniia energeticheskikh resursov basseina reki Naryna i mestnogo mineral'nogo syr'ia, problema Bol'shogo Naryna. Frunze, Ob-vo po rasprostraneniiu polit i nauchn. znanii Kirgizskoi SSR, 1959. 47 p.

KIRGHIZISTAN—PARASITES—SUSLIKS

Helminths of the relict suslik, an endemic animal in the mountains of Central Asia [with summary in English] M. M. Tokobaev. Zool. zhur. 41 no. 7:1100-1103 Jl '62

KIRGHIZISTAN—PUBLIC HEALTH

Danilov, IU. E. [Prospects for the development of health service in the Kirghiz S. S. R. under the seven-year plan] Perspektivy razvitiia zdravookhraneniia Kirgizskoi SSR v semiletke Frunze, Kirgizskoe gos. izd-vo, 1961. 110 p.

KIRGHIZISTAN—SHEPHERDS

Song of a shepherd. [Un. nat. no. 10:6-9 O '62.

KIRGHIZISTAN—TREMATODA

Helminths of the relict suslik, an endemic animal in the mountains of Central Asia [with summary in English]. M. M. Tokobaev. Zool. zhur. 11 no. 7:1100-1103 Jl '62.

KIRGHIZISTAN—TULIPS

Tulips and their cultivation in Kirghizistan. R. L. Shpak Izv. AN Kir. SSR, Ser. biol. nauk 4 no. 3 105-128 '62

KIRGHIZISTAN—WATER, UNDERGROUND

Underground waters of Kirghizistan and their utilization. M. I. Kaplinskii. Vest. AN SSSR 32 no. 11:91-94 N '62.

KIRGHIZISTAN—WOMEN—EMPLOYMENT

Aoysheva, A. [Women of Kirghizistan are the active builders of communism] Zhenshchiny Kirgizii - aktivnye stroiteli kommunizma. Frunze, Kirgizskoe gos. izd-vo, 1961. 84 p

KIROV—AUTOMOBILES—TIRES

An "institute for the training of workers." P. Loginov. Agitator no. 24:46 D '62.

KIROV PROVINCE—BOARS

Characteristics of the development of new lines of Urzhum boars. L. N. Vorob'eva Zhivotnovodstvo 22 no. 2:43-48 F '60.

KIROV PROVINCE—LIBRARIES AND READERS

Against darkness and obscurantism. K. Maltsev. Bibliotekar' no. 11 36-37 N '62

KIROVAKAN—CHEMICAL APPARATUS

Packing gland of a special design. A. Russkin. Prom. Arm. 5 no. 10:37 O '62.

KIROVOGRAD—CORRESPONDENCE SCHOOLS AND COURSES

Educational work with correspondence students. O. T. Hora Rad. shk. 11 no. 11:78-82 N '62.

KIROVOGRAD PROVINCE—PLANTS, PROTECTION OF

We teach by example. A. I. Lukashevich. Zashch. rast. ot vred. i bol. 7 no. 5:8-10 My '62.

KIROVOGRAD PROVINCE—SEED POTATOES

Effect of the dates of summer planting on the quality of seed potatoes in the northern steppe of the Ukraine P. V. Ponomarenko. Visnyk sil'hosp nauky 5 no. 6 62-67 Je '62

KIROVSKIY DISTRICT (OSSETIA, NORTH)—AGRICULTURE—EXPERIMENTATION

Agricultural student brigades. I. I. Dmitriev. Zemledelie 24 no. 6:89-91 Je '62.

KIRSANOV DISTRICT—COLLECTIVE FARMS—MANAGEMENT

Economic evaluation of the landscape type of the Lenin Collective Farm, Kirsanov District, Tambov Province. N. N. Bel'skii, IU. V. Porosenkov. Izv. Vor. otd. Geog. ob-va no. 3 29-35 '61.

KIRSANOV DISTRICT—PHYSICAL GEOGRAPHY

Economic evaluation of the landscape type of the Lenin Collective Farm, Kirsanov District, Tambov Province. N. N. Bel'skii, IU. V. Porosenkov. Izv. Vor. otd. Geog. ob.-va no. 3:29-35 '61.

KISHINEV—AGRICULTURAL MACHINERY INDUSTRY

Party organizations should persistently control the filling of orders for agricultural machinery. I. Gribkov. Komm. Mold. 7 no. 7 36-39 Jl '62.

KISHINEV—LAUNDRY MACHINERY

Masha, a woman with skillful hands. IA. Slepchanka. Rab. i sial. 38 no. 11:12-13 N '62.

KITAEVSKII, MAKSIMILIAN KAZIMIROVICH, 1850-

Maksimilian Kazimirovich Kitaevskii. A. O. Levin. Khirurgiia no. 12 127-128 '61

KITCHENS

A mobile kitchen and bath facility unit. G. Grigorenko. Sel' mekh. no. 11 42 '62

KIZIL KUM see Kyzyl Kum

KLIN—TEXTILE INDUSTRY—HYGIENIC ASPECTS

Technology of the seven-year plan. E. Berger, B. Zolotarev. Okhr. truda i sots. strakh. 5 no. 10, 24-25 O '62.

KLINSKO-DMITROVSKAYA RIDGE—PHYSICAL GEOGRAPHY

Comparative characteristics of water dividing landscape types in the Central Black Earth Region and the Klinsko-Dmitrovskaya Ridge. A. I. Nesterov Izv. Vor. otd. Geog. ob-va no. 3 61-71 '61.

KNEE—FRACTURE

Functional treatment of intra-articular fractures of the knee joint B. I. Vorob'ev Ortop., travm. i protez. 23 no. 5 84-86 My '62

KNIPOVICH, NIKOLAI MIKHAILOVICH, 1862-1939

Oceanologist N. M. Knipovich, on the centennial of his birth. B. K. Moskalenko Ryb. khoz. 38 no. 5:8-13 '62.

KNIT GOODS

Bulky yarns and their use in the manufacture of knit goods. L. S. Smirnov Tekst. prom. 22 no. 11 47-51 N '62.

KNITTING MACHINES

(see also subdivision under Leningrad)

Reducing the breakage in weft knitting manufacture. L. D. Karpel'. Tekst. prom. 22 no. 10:55-57 O '62.

KNORRE, GEORGII FEDOROVICH, 1890-1926

Georgii Fedorovich Knorre; obituary. Energomashinostroenie 8 no. 10:12 O '62.

KNOWLEDGE, THEORY OF

The categories of "necessity" and "chance" in the theory of knowledge. V. Sokolov. Trudy MIIT no. 165 5-27 '62

Relativity of the subject matter of the category of "quality." E. L. Susliaev. Trudy MIIT no. 165 28-47 '62

Zen'kovskii, V. V. [Fundamentals of Christian philosophy] Osnovy khristianskoi filosofii. [Frankfurt am Main Possev-Verlag,]

Vol. I. [Christian theory of cognition] Khristianskoe uchenie o poznanii [1960]. (His Filosofskaia trilogiia, no. I)

KODAKS see Cameras

KOKCHETAV—MACHINERY INDUSTRY—TECHNOLOGICAL INNOVATIONS

In the Kokchetav Machinery Plant. Nar. khoz. Kazakh. 20 no. 9 66 S '62.

KOKCHETAV PROVINCE—CHERNOZEM SOILS

Physical characteristics and water balance Chernozem soils in Kokchetav Province, Virgin Territory [with summary in English] E. V. Kulakov, I. D. Gromyko Pochvovedenie no. 10 67-77 O '62.

KOKCHETAV PROVINCE—HARVESTING

Newspapers are responsible for the harvest too. Part. zhizn' Kazakh. 32 no. 10:73-77 O '62.

KOKCHETAV PROVINCE—SOIL MOISTURE

Physical characteristics and water balance of Chernozem soils in Kokchetav Province, Virgin Territory [with summary in English]. E. V. Kulakov, I. D. Gromyko Pochvovedenie no. 10 67-77 O '62

KOLAS, IAKUB, pseud. see Mitskevich, Konstantin Mikhailovich, 1882-1956

KOLESNIKOV, IVAN STEPANOVICH, 1901-

Ivan Stepanovich Kolesnikov; on his 60th birthday. N. V. Putov. Vest. khir. no. 6:127 '62.

KOLKHOZES see Collective farms

KOLOMNA—LOCOMOTIVE WORKS—HYGIENIC ASPECTS

We all have the same concern. F. Belov. Okhr. truda i sots. strakh. 5 no. 10:22 O '62.

KOLYVAN' DISTRICT—CHERNOZEM SOILS

Materials on the genetic characteristics of leached Chernozem soils in the drained forest-steppe [with summary in English] T. F. Skok Pochvovedenie no. 10 47-55 O '62.

KOMANDORSKIYE ISLANDS—MARINE FAUNA

Census of marine mammals of Komandorskiye Islands in the light of their ecologic characteristics. S. V. Makarov. Vop. ekol. 4:130-131 '62.

KOMI A. S. S. R.—BOILERS

Steam generator operating on casinghead gas. E. Polunin Neftianik 7 no. 4:21 Ap '62.

KOMI A. S. S. R.—LUMBER—TRANSPORTATION

Chelobarev, I. K. [New developments in the floating of lumber down the rivers of the Komi A. S. S. R.] Novoe v organizatsii splava po rekam Komi ASSR. [Syktyvkar, Komi knizhnoe izd-vo, 1962. 58 p.

KOMI A. S. S. R.—SOILS

Akademiia nauk SSSR. Komi filial, Syktyvkar. [Materials on the soils of the Komi A. S. S. R. and adjacent territories, studying the soils of the northeast of European part of the U. S. S. R.] Materialy po pochvam Komi ASSR i sopredel'nykh territorii; k izucheniiu pochv severo-vostoka evropeiskoi chasti SSSR Moskva, Izd-vo Akad. nauk SSSR, 1962. 130 p.

(DNAL)

KOMI A. S. S. R.—ZOOLOGICAL RESEARCH

Zoological research of the Komi Branch of the Academy of Sciences of the U. S. S. R. O. S. Zvereva Zool. zhur. 41 no. 7:1117-1120 Jl '62.

KONSTANTINOVKA DISTRICT—POULTRY

The seven-year plan for collective poultry farming. P. Pasechnik. Blok. agit. [for Ukr.] no. 30:33-37 O '59.

KOPET-DAG—ALLIUM

Growing Allium paradoxum (M. B.) Don. I. S. Gnevskaia. Izv. AN Turk. SSR, Ser. biol. nauk no. 5:92-93 '62

KOPEYSK—BOOKSELLERS AND BOOKSELLING

Books go to the miners A. Mamedova Sov. knizh. torg 14 no. 9 30-31 '62

KORAN—EVIDENCES, AUTHORITY, ETC

The Koran and the reactionary essence of its dogma. T. T. Tagnev. Nauch. trab. i nauch. Otd. obshchestv. nauk, AN Uz. SSR 4:392-400 '61.

KORCZAK, JANUSZ, pseud. see Goldszmit, Henryk, 1878-1942

KOREA, NORTH—COMMUNIST PARTY—CONGRESSES

Kim, Il-seng. [Report of the Central Committee of the Korean Workers' Party to the Fourth Party Congress] Otchetnyi doklad TSentral'nogo komitota Trudovoi partii Korei IV s"ezdu partii. [n. p.] 1961. 164 p.

KOREA, NORTH—ECONOMIC CONDITIONS

Kim, Il-seng. [Report of the Central Committee of the Korean Workers' Party to the Fourth Party Congress] Otchetnyi doklad TSentral'nogo komitota Trudovoi partii Korei IV s"ezdu partii. [n. p.] 1961. 164 p.

KOREA, NORTH—ECONOMIC POLICY

Kim, Il. [The seven-year plan for the development of the Korean national economy in 1961-1967] O semiletnem plane razvitiia narodnogo khoziaistva KNDR na 1961-1967 gg.; doklad na IV s"ezde Trudovoi partii Korei. [n. p.] 1961. 111 p.

KOREA, NORTH—GEOLOGY, STRATIGRAPHIC

Pre-Cambrian of northeastern Korea K. B. Il'in and others Sov. geol. 5 no. 9:147-150 S '62.

KORELICHI DISTRICT—SUGAR BEETS

Good results. Aliaksandra Kelhet. Rab. i sial. 38 no. 11:5 N '62.

KOROLENKO, VLADIMIR GALAKTIONOVICH, 1853-1921

What are "authors' rights?" M. Sokolova. Vop. lit. 6 no. 6:238-237 Ag '62.

KOSTROMA PROVINCE—PIONEERS (COMMUNIST YOUTH)

Combined rural Pioneer troop. S. M. Mitsengendler. Sov. pedag. 26 no. 6:64-69 Je '62.

KOTOV, MIKHAIL PAVLOVICH, 1892-

On the occasion of Professor M. P. Kotov's 70th birthday. Kozh.-obuv. prom. 4 no. 11:42-44 N '62.

KOVTUNOVICH, GAVRIIL PARFENTIEVICH, d. 1961

Gavriil Parfentievich Kovtunovich; obituary. I. V. Studzinskii, A. I. Gnatyshak. Vest. khir. no. 5:158 '62.

KOZLOVSKII, IVAN SEMENOVICH, 1900-

I. S. Kozlovskii performs V. Asmus. Sov. muz. 26 no. 9 82-83 S '62.

KRASNODAR—FOOD INDUSTRY—AUDITING AND INSPECTION

Department at work. N. Vereshchagin. Sov. torg. 35 no. 7:31-32 Jl '62.

KRASNODAR TERRITORY—AGRICULTURAL WORKERS
Proper wages constitute a decisive condition. M Strukalin Sel'. meksh no. 4:12-13 '62.

KRASNODAR TERRITORY—BEECH—DISEASES AND PESTS
Study of the role of fungi in the process of "suffocation" of beech wood [with summary in English] B K. Flerov Biul MOIP. Otd biol 67 no 3:82-93 My-Je '62

KRASNODAR TERRITORY—CONDENSATE OIL WELLS
Formation and characteristics of the distribution of gas-condensate pools in the Yeysk-Berezan' District (Krasnodar Territory) A A Shimanskii, G M Aladatov, B M Nikiforov Trudy KF VNII no 10 3-18 '62

KRASNODAR TERRITORY—GAS, NATURAL—GEOLOGY
Geology of the Barskayevskoye field based on new data L A Voskresenskii, K O Rostovtsev, A I D'iakonov Trudy KF VNII no 10 89-97 '62

KRASNODAR TERRITORY—GEOLOGY
Distribution of Pre-Cambrian, Paleozoic, Triassic, and Jurassic sediments in western Ciscaucasia (Vcysk-Berezan' gas-bearing region). G M Aladatov, B M Nikiforov, A. A. Shimanskii Trudy KF VNII no 10 136-148 '62.

KRASNODAR TERRITORY—GEOLOGY, STRATIGRAPHIC
Stratigraphy of Cretaceous sediments in the eastern and northern regions of Krasnodar Territory V L. Egoian Trudy KF VNII no 10 98-135 '62

KRASNODAR TERRITORY—OIL FIELDS—VALUATION
Calculation of oil reserves by the saturation method in thin layers having various types of reservoir rocks A V. Velichko Trudy KF VNII no 10 230-234 '62

KRASNODAR TERRITORY—OIL WELL DRILLING
Integrated drilling crews. A. Martynov. Neftianik 7 no 4,8 Ap '62

KRASNODAR TERRITORY—OIL WELL LOGGING
Effect of the driving back of formation water by the flow of drilling fluid on the results of mud-analysis logging IU I Kozlov. Razved. i prom. geofiz no. 45,92-96 '62

KRASNODAR TERRITORY—PETROLEUM GEOLOGY
Geology of the Barskayevskoye field based on new data L A Voskresenskii, K O Rostovtsev, A I. D'iakonov. Trudy KF VNII no 10,89-97 '62

KRASNODAR TERRITORY—SOVIETS
Standing committees are the organizational mainstay of local soviets. A. Bakurskii, A. Konev. Sov. gos. i pravo 32 no. 11:130-133 N '62.

KRASNODAR TERRITORY—TEA
Expediency of periodical severe pruning in the tea plantations of Krasnodar Territory [with summary in English] I I Lavrilchuk Subtrop kul't. no 2:41-50 '62

KRASNODAR TERRITORY—WOOD DECAYING FUNGI
Study of the role of fungi in the process of "suffocation" of beech wood [with summary in English] B. K Flerov. Biul MOIP Otd. biol 67 no 3:82-93 My-Je '62

KRASNODARSK—OILS AND FATS—STORAGE
Remote measurement of a level in open tanks. P. A. Karakai, N. M. Sergienko. Masl. zhir. prom. 28 no. 7, 40-41 Jl '62.

KRASNODARSK—OILS AND FATS INDUSTRY
Processing of copra. V A Stupnikov, P. I Koshevoi. Masl. -zhir. prom 28 no. 7 31-32 Jl '62

KRASNOGVARDEYSKOYE DISTRICT—COLLECTIVE FARMS
Filippov, V. V. [In the main direction] Na glavnom napravlenii. Simferopol', Krymizdat, 1961. 27 p.

KRASNOURAL'SK REGION—MINE TIMBERING
Ring support with wooden blocks V. N. Bakhtin. Gor. zhur. no 12 58 D '62

KRASNOYARSK REGION—ROCKS—CLASSIFICATION
Principles of field-regional classification of solid rocks for purposes of engineering geology as revealed by the studies in Krasnoyarsk N. S. Krasilova Vest Mosk un. Ser. 4 Geol 17 no. 5 7-22 S-O '62.

KRASNOYARSK TERRITORY—ACCOUNTING—STUDY AND TEACHING
Shortened time for training accountants with limited education. A. P Shornikov. Uchet i fin. v kolkhoz. i sovkhoz. 10 no. 7:51-52 Jl '62,

KRASNOYARSK TERRITORY—AGRICULTURE
Krasnoiarskaia kompleksnaia ekspeditsiia. [Natural regionalization of the central part of Krasnoyarsk Territory and some problems of farming near cities] Prirodnoe raionirovanie tsentral'noi chasti Krasnoiarskogo kraia i nekotorye voprosy prigorodnogo khoziaistva. Moskva, Izd-vo Akad. nauk SSSR, 1962, 214 p.

KRASNOYARSK TERRITORY—ARCHAEOLOGY
Kartsov, V. G. [What do the Yenisey mounds tell; studies on history and archaeology] O chem govoriat kurgany Eniseia; istoriko-arkheologicheskie ocherki. Abakan Khakasskoe knizhnoe izd-vo, 1961. 98 p.

KRASNOYARSK TERRITORY—COMMUNIST EDUCATION
Schools for the training of skillful propagandists. I. TSarev. Agitator no. 24 11-43 D '62.

KRASNOYARSK TERRITORY—ECONOMIC GEOGRAPHY
Kirillov, M. V., and IU. A. Shcherbakov, eds. [Krasnoyarsk Territory, natural and economic geographical regionalization] Krasnoiarskii krai; prirodnoe i ekonomiko-geograficheskoe raionirovanie. [Krasnoiarsk] Krasnoiarskoe knizhnoe izd-vo, 1962. 401 p.

KRASNOYARSK TERRITORY—MOLYBDENUM
Progressive operating practice at "Sorskiy" Mine. T. M. Zonenko, V. A. Frolov. Gor. zhur. no. 6 6-11 Je '62

KRASNOYARSK TERRITORY—PHYSICAL GEOGRAPHY
Krasnoiarskaia kompleksnaia ekspeditsiia. [Natural regionalization of the central part of Krasnoyarsk Territory and some problems of farming near cities] Prirodnoe raionirovanie tsentral'noi chasti Krasnoiarskogo kraia i nekotorye voprosy prigorodnogo khoziaistva. Moskva, Izd-vo Akad. nauk SSSR, 1962, 214 p.

KRASNYY YAR REGION (KUYBYSHEV PROVINCE)—PETROLEUM GEOLOGY
Study of the accuracy of calculating the petroleum reserves in B_2 layer of the Krasnyy Yar field, Kuybyshev Province. E. A. Kichenko Trudy VNII no 36: 97-114 '62

KREENHOLM—TEXTILE INDUSTRY
Why do seconds and low quality survive IA. Karpov Sov profsoiuzy 18 no. 21 10-13 N '62

KREMENCHUG HYDROELECTRIC POWER STATION
Construction of the Kremenchug Hydroelectric Power Station. P Slipchenko, G Strokov, A Filakhtov Prom stroi i inzh soor 4 no 2 33-40 Mr-Ap '62.

KRESOL see Cresol

KRIVOY ROG—LIGHTWEIGHT CONCRETE
Work at a site with a concreting combine at the Krivoy Rog Cement Plant. L Barlet, V. Kvitko. Bud. mat. i konstr. 4 no. 5:37-40 S-O '62.

KRIVOY ROG BASIN—BLASTING
Practice of conducting large-scale blasting in a system of sublevel caving with ore breaking by deep boreholes V V. Nesterenko, D. D Kornienko, B I Al'brut Gor. zhur. no. 12 13-15 D '62

KRIVOY ROG BASIN—BORING
Ways of increasing the effectiveness of breaking ore with holes drilled with rock drills A. N. Ovsiannikov and others Gor zhur. no 12 10-12 D '62

KRIVOY ROG BASIN—EARTH TEMPERATURE
Readers' comments on the article "Geothermal conditions of the Krivoy Rog Basin" by G. V. Duganov, E. I Barstov, D Z. Gel'man, A P IAnoz. Gor zhur. no 12 64 D '62

KRIVOY ROG BASIN—FAULTS (GEOLOGY)
Determining the zones of faults of a hanging side in working ore shoots in the Krivoy Rog Basin B. I Balelos, V. A. Gerbin Gor. zhur. no 12,25-27 D '62

KRIVOY ROG BASIN—IRON MINES AND MINING
Restoration and consolidation of party organizations in the Krivoy Rog Iron and Nikopol' Manganese Basins, 1944-1950. I. P. Kuchma. Ukr. ist. zhur 6 no. 4:33-41 Jl-Ag '62.
Working parallel deposits in the Krivoy Rog Basin. I. I. Zolotarev, N. A. Starikov, G. T. Faustov. Gor. zhur. no. 6:19-23 Je '62.

KRIVOY ROG BASIN—IRON MINES AND MINING—COLD WEATHER OPERATIONS
Reader's comments on the article "Controlling ore freezing by treating it with a calcium chloride solution" by Kh N. Kusembaev V. P. Koval'. Gor. zhur no 12: 65 D '62.

KRIVOY ROG BASIN—IRON ORES
Role of moisture in the sintering of Krivoy Rog ores. A. A. Sigov, V. A. Shurkhal. Izv. vys. ucheb. zav.; chern. met. 5 no. 10:18-24 '62.

KRIVOY ROG BASIN—LOGGING (GEOLOGY)
Efficient combination of geophysical studies of boreholes in the Belozerka deposit and the Krivoy Rog Basin. I A. Gorkalenko, V N. Kholin. Razved. i prom. geofiz. no. 45:101-104 '62

KRIVOY ROG BASIN—MINE LIGHTING
Floodlighting for scraper roads. I. S. Samoilovich. Gor. zhur. no. 6:53-54 Je '62.

KRIVOY ROG BASIN—MINING ENGINEERING
Increasing the intensity of ore drawing is a way to increase the efficiency of the mass caving system of mining. G. M. Malakhov, P. D. Petrenko. Izv. vys. ucheb. zav., gor. zhur. 5 no. 9:20-26 '62.

Study of cutting blocks by the optical method. M. V. Gumenskii Izv. vys. ucheb. zav., gor. zhur. 5 no. 8 27-33 '62.

KROLEVETS—WEAVING
Commercial house of the Ryndin family in Krolevets. IE. IU Spasska Ukr. ist zhur. 6 no. 5,109-111 S-O '62

KRUPSKAIA, NADEZHDA KONSTANTINOVNA, 1869-1939
N K. Krupskaia on the teaching of the Russian language in schools for adults. P. V. Gorshostaev. Russ. iaz. v shkole 25 no. 5 101-105 S-O '62.
Pidkasistyi, P. I. [N. K Krupskaia on the educational contents in the Soviet school] N K. Krupskaia o soderzhanii obrazovaniia v sovetskoi shkole. Pod red. I. V Chuvasheva. Moskva, Uchpedgiz, 1962 231 p.

KSHTUT VALLEY—BIOTIC COMMUNITIES
Birds of the Kshtut River basin and their biocenotic distribution. A. K Sagitov, I. A. Abdusalimov Trudy Inst. zool. i parazit. AN Tadzh. SSR 22 5-15 '62.

KSHTUT VALLEY—BIRDS
Birds of the Kshtut River basin and their biocenotic distribution A K Sagitov, I. A. Abdusalimov. Trudy Inst. zool. i parazit. AN Tadzh. SSR 22,5-15 '62.

KUBAN—CANNING INDUSTRY
The workers of the canning industry of Kuban struggle for the fulfillment of the resolutions of the 22d Congress of the CPSU R IA Tkachev. Kons i ov. prom 17 no 11 4-7 N '62

KUBAN—COLLECTIVE FARMS—INTERFARM COOPERATION
Do more today - have more tomorrow. V. Vasil'ev. Sel'. stroi no. 9:7-8a Ag '62.

KUBAN—CORN (MAIZE)
Using combined chemical and mechanical methods for controlling weeds in corn plantings. A B Glukhovskii Zemledelie 24 no 6 82-83 Je '62.

KUBAN—CORN (MAIZE)—FERTILIZERS AND MANURES
Fertilizers for corn planted on stubble. V. Kh. Zubenko, N G Sykalo. Zemledelie 24 no. 6:49-51 Je '62.

KUBAN—DEEP-SEA DEPOSITS
Relationship between continental and marine sediments of the Neogene-Quaternary age in the Kuban N. F. Mitin Sov. geol. 5 no. 6,112-116 Je '62

KUBAN—MINERALS
Terrigenous and authigenic Neogene minerals in the Kuban and their paleogeographic significance. V. T. Malyshek. Trudy KF VNII no. 10:207-212 '62.

KUBAN—OIL WELL DRILLING
Drilling practices in the Kuban. A. L. Volik. Neftianik 7 no 4:8 Ap '62

KUBAN—OIL WELL LOGGING
Estimation of the oil potential of fractured Miocene reservoir rocks of the western Kuban. E M. Us. Razved i prom. geofiz no. 45:97-100 '62.

KUBAN—OILSEED PLANTS—RESEARCH
Results of a great work. V. M. Sunlov, D. S. Vasil'ev. Vest sel'khoz nauki 7 no. 8 142-146 S '62.

KUBAN—PALEOGEOGRAPHY
Terrigenous and authigenic Neogene minerals in the Kuban and their paleogeographic significance V T Malyshek. Trudy KF VNII no. 10.207-212 '62.

KUBAN—PETROLEUM—MEASUREMENT
Automation of group measuring installations. I. V. Gabrielov and others. Neftianik 7 no. 4:11-13 Ap '62.

KUBAN—ROCKS, SEDIMENTARY
Relationship between continental and marine sediments of the Neogene-Quaternary age in the Kuban. N. E. Mitin Sov geol 5 no. 6,112-116 Je '62.

KUBAN—WEED CONTROL
Using combined chemical and mechanical methods for controlling weeds in corn plantings. A. B. Glukhovskii. Zemledelie 24 no. 6:82-83 Je '62.

KUBAN LOWLAND—GAS, NATURAL—GEOLOGY
Geology of some test areas in the southern edge of the western Kuban marginal trough in the light of new drilling data in connection with oil and gas potentials. V. P. Peklo. Trudy KF VNII no. 10:26-39 '62.
Types of oil and gas pools in Miocene sediments in the southern edge of the western Kuban marginal trough and methods of prospecting for them. I. P. Zhabrev, A. A. Dvoitsova. Trudy KF VNII no. 10:19-27 '62.

KUBAN LOWLAND—OIL FIELD BRINES
Distribution of reservoir rocks and the characteristics of Lower Pontian formation waters in the western Kuban trough based on data from the geophysical observation of wells. A. Z. Bedeker, A. S. Eremina, N M. Shimanskaia. Trudy KF VNII no. 10:242-251 '62.

KUBAN LOWLAND—OIL SANDS

Distribution of reservoir rocks and the characteristics of Lower Pontian formation waters in the western Kuban trough based on data from the geophysical observation of wells A Z Bedcher, A S Eremina, N. M. Shimanskaia. Trudy KF VNII no. 10,242-251 '62.

KUBAN LOWLAND—PETROLEUM GEOLOGY

Geology of some test areas in the southern edge of the western Kuban marginal trough in the light of new drilling data in connection with oil and gas potentials V P. Pokio Trudy KF VNII no 10 28-39 '62

Types of oil and gas pools in Miocene sediments in the southern edge of the western Kuban marginal trough and methods of prospecting for them I. P Zhabrev, A. A. Dvortseva Trudy KF VNII no. 10 19-27 '62

KUBAN LOWLAND—SEISMIC PROSPECTING

Some problems in the improvement of the quality of seismic recording under complex conditions in the southern edge of the western Kuban trough Trudy KF VNII no 10 255-266 '62

KUBAN REGION—STONE AGE

Relative chronology of the early Paleolithic in the Kuban region. A. A. Formozov. Sov. arkheol. 6 no. 1:17-27 '62.

KUBAN VALLEY—LEPTOSPIROSIS

Role of rodents in the nidi of leptospirosis of the lower Kuban Valley, interrelations between rodents and farm animals as sources of leptospirosis infection [with summary in English]. M IA. Lavlova. Zool zhur 41 no. 7:1067-1074 Jl '62

KUBAN VALLEY—RODENTS AS CARRIERS OF DISEASE

Role of rodents in the nidi of leptospirosis of the lower Kuban Valley; interrelations between rodents and farm animals as sources of leptospirosis infection [with summary in English]. M. IA Lavlova. Zool. zhur. 41 no. 7:1067-1074 Jl '62.

KUCHURGANY—ELECTRIC POWER PLANTS

How they neglect the most important problems. A. Savchenko. Komm Mold. 7 no 10 14-19 O '62

KUGART VALLEY—ECONOMIC CONDITIONS

Natural conditions, hydrogeological characteristics, and ways for the economic utilization of the Kugart Valley. P. G. Grigorenko, M. I. Glushkova, K. O Otorbaev. Izv AN Kir. SSR. Ser. est i tekh nauk 4 no 3:83-100 '62

KUGART VALLEY—GEOLOGY

Natural conditions, hydrogeological characteristics, and ways for the economic utilization of the Kugart Valley. P. G. Grigorenko, M. I Glushkova, K O Otorbaev. Izv AN Kir. SSR. Ser. est i tekh nauk 4 no. 3:83-100 '62.

KULINSKIY DISTRICT—SCHOOL SUPERVISION

We enrolled public inspectors. G. Adamov. Nar. obr. no. 12:18-19 D '62.

KULPINO—METAL CUTTING

Machine tools are used more efficiently. S. Forisnekov, V. Rudchenko. Sov. profsoiuzy 18 no. 21 7-9 N '62.

KULUNDA STEPPE—AFFORESTATION

Effectiveness of tillage in shelterbelts. M. E. Vasil'ev. Vest. sel'khoz nauki 7 no 9:96-103 S '62.

KULYAB—LUNGS—SURGERY

Organization of surgical aid for pulmonary tuberculosis in a rural locality. I. E Bruker. Zdrav. Tadzh. 8 no. 4:9-12 Jl-Ag '62.

KUR-URMIYSKIY DISTRICT—ECONOMIC GEOGRAPHY

Vishnevskii, D. S., and others. [Kur-Urmiyskiy District; nature and economy] Kur-Urmiiskii raion; priroda i khoziaistvo. Khabarovsk, Priamurskii filial geogr. ob-va SSSR, 1958. 117 p.

KURA LOWLAND—GEOCHEMICAL PROSPECTING

Geochemical data on oil potential of the eastern part of the Kura Lowland [with summary in English]. Sh. F. Mekhtiev, Ad. A. Aliev. Geokhimiia no. 9:826-832 '62.

KURA LOWLAND—PETROLEUM GEOLOGY

Geochemical data on oil potential of the eastern part of the Kura Lowland [with summary in English]. Sh. F. Mekhtiev, Ad. A. Aliev. Geokhimiia no. 9:826-832 '62.

KURA RIVER—FRESHWATER BIOLOGY

Hydrobiological investigation of the lower Kura River. A. N. Derzhavin and others. Trudy Inst. zool. AN Azerb. SSR 22:5-45 '62.

KURAMA RANGE—SULFIDES

Concerning A. A. Malakhov's article "Minerogeochemical studies and industrial training." S. T. Badalov. Uch. zap. SAIGIMSa no. 5:225-227 '61.

KURCHUM REGION—MAGNESITE

Investigating Kurchum deposit talc-magnesite rocks. P. N. Babin, L. K. Venderova. Trudy Inst. met. i obog. AN Kazakh. SSR 5:159-174 '62.

KURGAN—TECHNICAL LIBRARIES

The output of technical books is growing V Gorodina Bibliotekar' no 11 12 N '62

KURILE ISLANDS—EARTHQUAKES

Relation between the seismicity and the present-day volcanism of the Kurile - Kamchatka zone of folding A. V. Gorlachev. Izv. AN SSSR. Ser. geofiz no. 11:1484-1496 N '62.

KURILE ISLANDS—MARINE ECOLOGY

Some characteristics of the structure and distribution of marine biocenoses as exemplified by the biocenoses of the area of eastern Kamchatka and northern Kurile Islands. A. P Kuznetsov. Vop. ekol 4:41-42 '62.

KURILE ISLANDS—VOLCANOES

Geographic zoning of Kamchatka and the Kurile Islands based on the occurrence of volcanoes. E. K. Markhinin and others. Biul. vulk. sta. no. 32 52-70 '62.

Paseniuk, L. M. [Traveling through the fiery ring] Idu po ognennomu kol'tsu. [Krasnodar] Krasnodarskoe knizhnoe izd-vo, 1962. 231 p.

Relation between the seismicity and the present-day volcanism of the Kurile - Kamchatka zone of folding. A. V Gorlachev. Izv. AN SSSR. Ser geofiz. no. 11:1484-1496 N '62.

KURILE ISLANDS—ZIRCONIUM

Zirconium content in igneous rocks of Kamchatka and the Kurile Islands. E. K. Markhinin, A. M. Sapozhnikova. Geokhimiia no. 9 838-850 '62.

KURNATOVSKII, VIKTOR KONSTANTINOVICH, 1862-1912

A revolutionary's life; on the 50th anniversary of V. K. Kurnatovskii's death. M. V. Koval'. Ukr. ist. zhur 6 no. 4:184 Jl-Ag '62.

KURSK—RUBBER INDUSTRY

Individual reports of the workday made by all the workers at the Kursk Rubber Goods Factory. P. I. Brysov, B. L. Mileiko Kauch. i rez. 21 no. 9:47-48 S '62.

KURSK MAGNETIC ANOMALY—CONVEYING MACHINERY

Prospects for using conveyor trains. I. B. Aleksandrov, I. IA. Okhota. Gor. zhur. no. 6:47-49 Je '62.

KURSK MAGNETIC ANOMALY—MINE DRAINAGE

Expediency of using the rotary method to drill unwatering boreholes D. M. Khokhlovkin Gor zhur no 12 55-56 D '62.

KURSK PROVINCE—ANTIQUITIES

The ancient site of Moiseyev during the period of Kievan Russia. A. E. Alikhova. Krat. soob. Inst. arkheol. no. 87:83-87 '62.

Sites of ancient towns in the Seym Valley of Kursk Province. A. E. Alikhova. Mat. i issl. po arkheol no 113: 88-129 '62.

KURSK PROVINCE—BIBLIOGRAPHY

Kogan, E., comp. [Kursk Province in belles lettres and memoirs; a bibliography] Kurskii krai v khudozhestvennoi i memuarnoi literature; rekomendatel'nyi ukazatel'. Kursk, [Kurskoe knizhnoe izd-vo] 1962. 52 p.

KURSK PROVINCE—BUILDING TRADES—STUDY AND TEACHING

Work on methods in a school of combined studies. I. I. Liubovetskii. Prof.-tekh. obr. 19 no. 10:30-31 O '62.

KURSK PROVINCE—DAGGERS

Some daggers and akinakes of Kursk Province. R. F. Voronina. Mat. i issl. po arkheol. no. 113:130-133 '62.

KURSK PROVINCE—IRON AGE

Sites of ancient towns in the epoch of the early Iron Age in the Seym Valley of Kursk Province. IU. A. Lipking. Mat. i issl. po arkheol. no. 113:134-141 '62.

KUSSAEVA, SERAFIMA STEPANOVNA, 1910-1961

S. S. Kussaeva; obituary. Sov. arkheol. 6 no. 4:311 '62.

KUSTANAY PROVINCE—STINKBUGS

Factors determining the abundance dynamics and harmfulness of the stinkbugs Aelia (Heteroptera, Pentatomidae) in the virgin lands of northern Kazakhstan [with summary in English]. V. N. Burov. Ent. obozr. 41 no. 2:262-273 '62.

KUTIM VALLEY—ELK

Mass summer concentration of elks in the Kutim marshes. O. K. Drobinskii. Biul. MOIP, Otd. biol. 67 no. 3:110-114 My-Je '62.

KUYBYSHEV—CARDIOVASCULAR SYSTEM—DISEASES

Diseases of the circulatory organs among the population of Kuybyshev (as revealed by extensive study of disease incidence in 1958). P. I. Artemov, G. A. Zinov'ev, S. I. Stegunin. Sov. zdrav. 21 no. 8:47-50 '62.

KUYBYSHEV—ELECTRIC CABLES

With pencil in hands. M. Vel'kin, N. Shvets. Sov. profsoiuzy 18 no. 21:17-18 N '62.

KUYBYSHEV—INDUSTRIAL MANAGEMENT

With pencil in hands M. Vel'kin, N Shvets. Sov. profsoiuzy 18 no. 21:17-18 N '62.

KUYBYSHEV—MACHINERY INDUSTRY

Scientific research work of the Central Laboratory of the Kuibyshev Machine Manufacturing Plant. V. P. Bulgakov. Zav. lab. 28 no. 11 1390-1391 '62.

KUYBYSHEV PROVINCE—SOIL MOISTURE

Effect of the structure of shelterbelts on soil moisture. G. G. Danilov. Uch. zap. Mord. gos. un no. 13 6-27 '60.

KUYBYSHEV PROVINCE—WINDBREAKS, SHELTERBELTS, ETC.

Effect of the structure of shelterbelts on soil moisture. G. G Danilov. Uch zap Mord. gos. un. no 13:6-27 '60.

KUYBYSHEVO (CRIMEA)—RESTAURANTS, LUNCHROOMS, ETC.

Cooks of the "Sun valley." S. Makarov. Sov potreb. koop 6 no 10:43-44 O '62.

KUYGAN-YAR—DAMS

Automatic and remote control of the Kuygan-Yar hydraulic installation I. A Samoilov Gidr i mel. 14 no 10: 18-22 O '62.

KUZNETSK BASIN—AMERICANS

Comments on the articles published in "Istoricheskii arkhiv." Andrew Rothstein and others. Ist. arkh 8 no. 1 2080225 Ja-F '62.

KUZNETSK BASIN—BUILDING MATERIALS

[New building materials of the Kuznetsk Basin] Novye stroitel'nye materialy Kuzbassa. [Kemerovo] Kemerovskoe knizhnoe izd-vo, 1960. 30 p. (Bibliotechka stroitelia)

[MICROFILM]

KUZNETSK BASIN—COAL MINES AND MINING

Malevannia, S. V., and others. [Mechanization on a small scale in Kuznetsk Basin mines] Malaia mekhanizatsiia na shakhtakh Kuzbassa. [Kemerovo] Kemerovskoe knizhnoe izd-vo, 1959. 99 p.

[MICROFILM]

KUZNETSK BASIN—COAL MINES AND MINING—LABOR PRODUCTIVITY

Mining 1051 meter of haulage drift per month. K. V. Shalimov. Ugol' Ukr. 6 no. 5:28-29 My '62

KUZNETSK BASIN—COAL MINING MACHINERY

Use of hydromechanical cutter loaders in the Kuznetsk Basin. V. N. Saranov. Ugol' prom. no. 5:33-36 S-O '62.

KUZNETSK BASIN—ECONOMIC CONDITIONS

Balibalov, I. A., and others. [The strides of the seven-year plan, work results of Kuznetsk workers during the first year of the seven-year plan and tasks for 1960] Shagi semiletki; itogi raboty truzhenikov Kuzbassa v pervom godu semiletki i zadachi na 1960 god. [Kemerovo] Kemerovskoe knizhnoe izd-vo, 1960. 150 p. (Fakty i tsifry)

[MICROFILM]

KUZNETSK BASIN—GEOLOGY

IAvorskii, V. I. [Studies in the history of geological investigation in the Kuznetsk Basin] Ocherk po istorii geologicheskogo issledovaniia Kuznetskogo basseina. Moskva, Gos. nauchn.-tekhn. izd-vo lit-ry po geologii i okhrane nedr. 1962. 143 p. (Leningrad. Vsesoiuznyi geologicheskii institut. Trudy, vol. 69)

KUZNETSK BASIN—LOAM SOILS

Lithomineralogic composition and genesis of loesslike loams in the northeastern part of the Kuznetsk Basin. Izv. vys. ucheb. zav.; geol. i razv. 5 no. 8:120-125 Ag '62.

KUZNETSK BASIN—MINE TIMBERING

Denisov, N. M. [Reinforced-concrete supports and their use in Kuznetsk Basin mines] Zhelezobetonnaia krep' i ee primenenie na shakhtakh Kuzbassa. [Kemerovo] Kemerovskoe knizhnoe izd-vo, 1959. 177 p.

[MICROFILM]

KUZNETSK BASIN—MINES AND MINERAL RESOURCES

Gorbachev, T. F., ed. [Siberian scientists' contributions to the development of the Kuznetsk Basin] Uchenye Sibiri - Kuzbassu. [Kemerovo] Kemerovskoe knizhnoe izd-vo, 1961, 365 p.

--- --- --- [Summary] Annotatsiia. Novosibirsk, 1962. 6 p.

KUZNETSK BASIN—SAND AND GRAVEL INDUSTRY

Batyrnikov, V. I., M. N. Kolobkov, and K. M. Kuznetsov. [Rock products of the Kuznetsk Basin] Nerudnoe syr'e Kuzbassa. [Kemerovo] Kemerovskoe knizhnoe izd-vo, 1961. 63 p.

[MICROFILM]

KUZNETSK BASIN—SPORES (BOTANY), FOSSIL

Most important Middle Devonian spores in the Kuznetsk Basin. E. M Andreeva. Trudy VSEGEI 70:191-213 '62.

KUZNETSK BASIN—STRIP MINING

Lagovskoi, V. V. [Improvement of the strip mining of coal in the Kuznetsk Basin] Sovershenstvovanie otkrytoi dobychi uglia v Kuzbasse. [Kemerovo] Kemerovskoe knizhnoe izd-vo, 1960. 43 p. [MICROFILM]

KWASHIORKOR

Kwashiorkor in children. An' Igok and others. Vop. okh. mat. i det. 7 no. 7 40-45 Jl '62.

KYLMENKO, IVAN IEVDOKYMOVYCH, 1891-1938

I. IE. Klymenko, an impassionate Bolshevik. S. IA. Siucheva'ka. Ukr. ist zhur. no. 4:152-153 Jl-Ag '62

KYR-BURAN—EXCAVATIONS (ARCHAEOLOGY)

Archaeological investigation of the Kyr-Buran site in Tashkent Province. M I. Filanovich Nauch. rab i soob. Otd. obshchestv. nauk AN Uz. SSR 4:311-317 '61.

KYUROVDAG REGION—OIL FIELD FLOODING

Baku. Azerbaidzhanskii nauchno-issledovatel'skii institut po dobyche nefti [Efficient development of the Kyurovdag oil field by using the straight line method] Ratsional'naia razrabotka neftianogo mestorozhdeniia Kiurovdag s primeneniem "razrezaniia zalezhi. Baku, Azernesbr, 1962 52 p.

KYZYL KUM—MOLLUSKS, FOSSIL

First find of a Late Paleocene normal marine mollusk fauna in the southwestern part of the Kyzyl Kum L P. Kakhanova, R P Soboleva Dokl AN SSSR 147 no. 1: 184-187 N '62

KZYL-ORDA—CONSTRUCTION INDUSTRY

"We are managers, not propagandists." L. Nikitin Part. zhizn' Kazakh. 32 no. 10, 58-62 O '62.

LABA VALLEY—FORAMINIFERA, FOSSIL

Development of the Jurassic fauna of foraminifers in the Northern Caucasus (Little Laba Basin) Z. A. Antonova. Trudy KF VNII no 10 158-167 '62

LABA VALLEY—OIL FIELD BRINES

Hydrogeology of Lower Cretaceous sediments in the northwestern Caucasus (Laba-Psekups interfluve) D I Rogozhin Trudy KF VNII no. 10 221-229 '62

LABINSK DISTRICT—AGRICULTURE

His fertile fields G Bobylev Agitator no. 21: 15-47 N '62.

LABOR (OBSTETRICS)

Management of labor in women with late toxemias of *pregnancy [with summary in English]*. F. E. Varshavskaia, N. I. Kazanskaia. Vop. okh. mat. i det. 7 no. 4: 57-62 Ap '62.

LABOR, COMPLICATED

Internal eclampsia in labor and in the early puerperal period. S. D. Astrinskii. Vop okh. mat i det 7 no. 4: 91-94 Ap '62.

Ruptures of the uterus during labor and pregnancy. A. N. Mashkelaison. Zdrav. Bel. 8 no. 7:54-55 Jl '62.

Traumatism and surgical intervention in premature labor. B. G. Saladian. Trudy Erev. med inst. no. 11 311-316 '60.

LABOR AND LABORING CLASSES
(see also subdivision under Baku, Germany, West; Japan, Lvov; Poland, Ukraine)

A conference on the history of the laboring classes IE. M Skliarenko. Ukr ist. zhur. 6 no 5:149-150 S-O '62

Coordinating Conference on the History of the International Labor Movement and the National Liberation Movement. E A Orlov Nar Az i Afi no 6:210-214 '62.

High ceiling (to be concluded). Nikolai Vnuk. Sov. profsoiuzy 18 no. 21 25-27 N '62.

Induraskii, S. D. [Personal example of a Communist] Lichnyi primer kommunista. [Moskva] Mosk. rabochii, 1962. 62 p.

Lobanov, V. I. [Class struggle in capitalist countries] Klassovye bitvy v stranakh kapitala. Moskva, Izd-vo "Znanie," 1962. 46 p. (Novoe v zhizni, nauke, tekhnike. VII Serlia' Mezhdunarodnaia, no. 21)

On the paths toward communist labor. A Zvorykin. Nar. khoz. Uzb 4 no. 10 9-17 O '62.

Shcheprov, S. V., comp. [Concise history of the labor movement in Russia, 1861-1917] Kratkaia istoriia rabochego dvizheniia v Rossii, 1861-1917 gody. Moskva, Gospolitizdat, 1962. 686 p.

LABOR AND LABORING CLASSES—CONGRESSES

Problems of labor economics during the large-scale building of communism. A. Chernov. Vop. ekon. no. 10:149-153 O '62.

LABOR COURTS

Legal advice for voluntary policemen and the members of fellow workers' courts. Rad. pravo no 6 61-62 N-D '62.

LABOR DISCIPLINE

The collective is an educator of its members. I. Maiorov. Kommunist 39 no. 17:59-65 N '62.

For the communist discipline of labor. N. Kirillova. Agitator no. 24:25-28 D '62.

LABOR LAWS AND LEGISLATION

"Legal regulations on incentives for efficient work" by S S Karinskii Reviewed by M. Syniavs'kyi, O Lapai Rad pravo no 6 142-143 N-D '62

Let's guard carefully the working rights of our citizens. L. Smirnov. Okhr. truda i sots. strakh. 5 no. 10 6-7 O '62.

[Regulations on the remuneration of workers and employees] Raschety s rabochimi i sluzhashchimi, sbornik ofitsial'nykh materialov. Moskva, Gosiurizdat, 1962. 389 p

Replies to the inquiries on labor legislation and Social Security I Reznik Neftianik 7 no 4 30 Ap '62

LABOR PARTY (GREAT BRITAIN) see Great Britain—Labor Party

LABOR PASSPORTS

How to verify the length of service with documents I Kolganov Sov profsoiuzy 18 no 21 46-47 N '62

LABOR PRODUCTIVITY

The economic law of increasing labor productivity and the dialectics of its development into a specific law of socialism. E. Valivach. Nauch. dokl. vys. shkoly, ekon. nauki 5 no. 6, 3-11 '62.

Indices of production planning and labor productivity. S Kiymskii. Plan khoz 39 no 11 42-47 N '62

Individual reports of the workday made by all the workers at the Kursk Rubber Goods Factory. P I. Brysov, B. L Mileiko. Kauch. i rez. 21 no. 9 17-18 S '62.

Over-all mechanization and automation is the decisive factor in the future growth of labor productivity in mines G. A. Zubkov, V. I. Feigin. Gor zhur. no. 6: 3-6 Je '62.

Vitkovs'kyi, A. M. [Labor productivity is the main thing for the victory of communism] Produktyvnist' pratsi - holovne dlia peremohy komunizmu. Kyiv, Derzhpolitvydav URSR, 1962. 43 p. (Na dopomohu vyvchaluchym materialy XXII s'izdu KPRS)

We should persistently promote the growth of labor productivity. T. Blokhina. Khim. volok. no. 5:70 '62.

LABOR REPRESENTATION IN REGULATION OF INDUSTRY see Employees' representation in management

LABOR SUPPLY
(see also subdivision under Armenia)

Voluntary offer to serve in the most important sectors of the national economy as a new form of the distribution and redistribution of manpower E. V. Magnitskaia. Izv. vys. ucheb. zav., prav, 6 no. 3:126-134 '62.

LABORATORIES—EQUIPMENT AND SUPPLIES

Problem of planning and design of laboratories. G. V. Zavarov. Zav. lab. 28 no. 11 1395-1396 '62.

LABORATORY ANIMALS—FEEDING AND FEEDS

Effect of Saccina lutea preparations on the growth and development of laboratory white rats. G. P. Kireanov Uch. zap. Mord gos. un. no. 13 191-198 '60.

LABYRINTH (EAR)

Method for the objective registration of response reactions of the body following adequate stimulation of the vestibular analyser (in an experiment) [with summary in English]. V. E. Busygin, IU. G. Grigor'ev. Biul. eksp. biol. i med. 54 no. 7:102-104 Jl '62.

Thermal reactivity of the mucous membrane of the tympanic cavity as an extralabyrinthine peripheral factor *of the caloric reaction of the vestibular apparatus.* N. A. Nadzharian, Z. M. Narimanov. Trudy Erev. med. inst. no. 11:361-367 '60.

LACHINOV, DMITRII ALEKSANDROVICH, 1842-1902

Noteworthy dates in science and technology. Shkola i proizv 6 no 5:95-96 My '62.

LACQUER AND LACQUERING—EQUIPMENT AND SUPPLIES

Pilot plant equipment for the rapid lacquering of black steel strip. V. A. Shumnaia. Sbor. trud. TSNIICHM no. 28:212-223 '62.

LACRIMAL ORGANS—SURGERY

Surgical treatment of stenosis of the lacrimal points and the external third of the lower lacrimal canal. B. I. Vainshtein Trudy Turk. nauch.-issl. trakh inst. 6: 157-159 '60.

LACTIC ACID

Complex formation of protactinium with mono-, di-, and polycarboxylic acids. Part 1: Complex formation of protactinium with lactic acid. I. Gelecsanu, A. V. Lapitskii. Radiokhimia 4 no. 4.421-426 '62.

LADYBIRDS
(see also subdivision under Adzharistan)

New Palearctic species of Chilocorus (*Coleoptera, Coccinellidae*). V. A. Zaslavskii. Ent. oboz. 41 no. 2: 398-401 '62.

LAGENIDAE, FOSSIL see subdivision under Volga Valley

AL-LAKHKHAM, ABU-AL-KHASAN

Abu-al-Khasan al-Lakhkham, Bukharan poet-satirist under the Samanids. I. Abdullaev. Nauch. trudy i soob. Otd. obshchestv. nauk AN Uz. SSR 4:135-136 '61.

LAMBLIASIS see Giardiasis

LAMINATED METALS

Determining thermal stresses in a composite spherical vessel A. I. Makarov. Trudy GPI 15 no. 3 84-89 '61 [i.e. '59].

Improving the technology for the production of bimetal pipe. B N Zaslavskii. Met. i gornorud. prom., no. 2 70 Mr-Ap '62

Three-layer copper-iron-copper strips manufactured from powders [with summary in English] O A Kaitus, G A. Vinogradov. Poroshk met 2 no 5 60 67 S-O '62.

LAND
(see also subdivision under Central Black Earth region)

Analysis of the utilization of farm lands. I. A. Lemykin. Uchet i fin.-v kolkhoz i sovkhoz 10 no. 11:46-51 N '62.

LAND TENURE see subdivision under Asia Minor; Kazakhstan; Latin America, Uzbekistan

LANDAU, LEV DAVIDOVICH, 1908-

High scientific award Priroda 51 no 11:110 N '62

LANDFORMS see subdivision under Bashkiria; Central Black Earth region, Kalachskaya Upland; West Siberian Plain

LANDFORMS—MAPS

Special features of compiling and editing medium-scale maps of landform types. N. N. Smirnov. Izv. Vses. obsh. Geog. ob-va no. 3 91-96 '61

LANDING OPERATIONS

Out of a helicopter into combat. P. Sagaidak. Voen vest 12 no 5 25-27 My '62

LANDSCAPE GARDENING see subdivision under France

LANDSLIDES see subdivision under Elbrus, Mount; Rostov-on-Don

LANGEVIN, PAUL, 1872-1946

Staroselskaia-Nikitina, O. A. [Paul Langevin] Pol' Lanzheven. Pod red. IA. G. Dorfmana. Moskva, Fizmatgiz, 1962. 316 p.

LANGUAGE AND LANGUAGES—BIBLIOGRAPHY see Bibliography—Language and languages

LANGUAGE AND LANGUAGES—CONGRESSES

Fourth Interuniversity Conference on the Methods of Teaching Foreign Languages Z. G. Sukhinanova, Inostr. iaz. v shkole no. 1 122-123 Jl-Ag '62.

LANGUAGE AND LANGUAGES—STUDY AND TEACHING

Advantage and disadvantage of the use of translation in foreign language classes I. Kamkou Nar. obr. no. 10 61-65 O '62.

International education during the study of a foreign language. L. G. Rusakova. Inostr. iaz. v shkole no. 4 79-82 Jl-Ag '62.

Let's have more courage in experimenting and in searching for new ways. Inostr. iaz. v shkole no 4 3-8 Jl-Ag '62.

Materials of the 22nd Congress of CPSU in the foreign language classes and in extracurricular work; survey of articles. L. I. Glatman. Inostr. iaz. v shkole no. 4 41-50 Jl-Ag '62.

One of the forms of keeping students' vocabulary notebooks. IA. M. Kvasha. Inostr. iaz. v shkole no. 4 89-91 Jl-Ag '62.

Oral introductory course. I. Anichkov. Inostr. iaz. v shkole no. 4 91 Jl-Ag '62.

Organizing instruction in foreign languages. Inostr. iaz v shkole no. 4:89-90 Jl-Ag '62.

Russia (1917- R. S. F. S. R.) Ministerstvo prosveshcheniia. [Programs of eight-year schools; foreign languages] Programmy vos'miletnei shkoly, inostrannye iazyki. [Leningrad] Uchpedgiz, 1962. 47 p.

Speech construction and the teaching of oral speech. I. M. Berman, V. A. Bukhbinder. Inostr. iaz. v shkole no. 4:16-22 Jl-Ag '62.

LANTERN PROJECTION

How to use the epidiascope in history classes I. N Zhernovskyi. Ukr. ist. zhur. 6 no. 4:85-88 Jl-Ag '62

LAPLACE TRANSFORMATION

Use of noise functions in the analysis of linear systems. G. P. Molotkov. Izv. AN SSSR. Otd. tekh. nauk. Energ. i aviom. no. 5:59-65 S-O '62.

LARCH see subdivision under Vologda Province

LARVAE—INSECTS

Age changes in the larval phase of Phytometra gamma L. [with summary in English]. O. I. Merzheevskaia. Zool. zhur. 41 no. 9:1423-1425 S '62.

LARYNGOSCOPE

Role of laryngoscopic examinations for vocal students [with summary in English] V. P. Pantiukhin, Zhur. ush., nos. i gorl. bol. 21 no. 6 61-64 N-D '61

LARYNX—CANCER

Changes in the intramural nervous system of the trachea in cancer of the larynx [with summary in English]. A. I. Pavlova. Zhur. ush., nos. i gorl. bol. 21 no. 6 42-49 N-D '61

Sudden death from cancer of the larynx. P. P. Evdokimov. Sud.-med. ekspert. 5 no. 4:55 O-D '62.

LARYNX—DISEASES

Differential diagnosis of diphtheria of the pharynx and larynx in children. L. V. Vail'. Zdrav. Tadzh. 9 no. 4: 38-42 Jl-Ag '62

Laryngeal angina [with summary in English] A. O. Shuliga, N. V. Mishen'kin. Zhur. ush., nos. i gorl. bol. 21 no. 6 29-32 N-D '61

LARYNX—SURGERY

Plastic restoration of the lumen of the larynx and trachea in cicatricial stenosis [with summary in English] A. L. Unina. Zhur. ush., nos. i gorl. bol. 22 no. 2 22-26 Mr-Ap '62.

LARYNX—TUMORS

Abrikosov's tumor in the larynx. L. S. Goncharova, V. M. Usacheva. Zhur. ush., nos. i gorl. bol. 22 no. 2:67-68 Mr-Ap '62

LATHES
(see also subdivision under Erivan)

Baranovskii, M. A., and A. V. Molochkov. [Lathe operator's manual] Spravochnik tokaria. Minsk, Gosizdat BSSR, 1962. 491 p.

The 1B62452 roller-turning lathe. M. Z. Zaslavskii, I. D. Trupp. Biul. tekh.-ekon. inform. Gos. nauch.-issl. inst. nauch. i tekh. inform. no. 11 56-57 '62.

The 1660 heavy-duty lathe with a reinforced concrete bed. A. N. Efimov. Biul. tekh.-ekon. inform. Gos. nauch.-issl. inst. nauch. i tekh. inform. no. 11:53-55 '62.

Student conference on the physics of a lathe. S. B. Margulis. Fiz. v shkole 22 no. 2:59-60 Mr-Ap '62.

Using automatic control systems for increasing the precision and productivity of machining on lathes. M. M. Tverskoi. Vest. mashinostr. 42 no. 11:41-46 N '62

LATHES—ATTACHMENTS

Attachment for milling slots on automatic lathes. A. N. Grihanov. Stan. i instr. 33 no. 11:41 N '62.

LATHES—ELECTRIC DRIVING

Comparing dynamic characteristics of various drives of medium lathes during the start of the spindle. Iu. M. Andrushevich. Izv. vys. ucheb. zav.; mashinostr. no. 6: 99-104 '62

LATHES—MAINTENANCE AND REPAIR

Dubinskii, L. M., and others. [The multiple-spindle 1261M and 1262M automatic lathes and 1261P and 1262P semiautomatic lathes, handbook on adjustment and servicing] Mnogoshpindel'nye tokarnye avtomaty 1261M, 1262M i poluavtomaty 1261P, 1262P; rukovodstvo po naladke i obsluzhivaniiu. Izd. 2, Pod red. G. F. Kostenko, P. P. Tarasinkevicha i L. A. Kaplinskogo. Moskva, Mashgiz, 1960. 170 p.

LATHES—NUMERICAL CONTROL

Automatic control of the IA616 screw-cutting lathe. N. P. Vodolazskii, I. I. Kotov, N. P. Nosov. Stan. i instr. 33 no. 11:38-40 N '62.

Relationship between the precision of the shape of parts machined with hydraulic copying carriages and the adjustment of copies and copy pins. T. A. Sil'nitskii. Vest. mashinostr. 42 no. 11 50-57 N '62.

LATHYRUS
(see also subdivision under Armenia)

Interspecific hybridization in the genus Lathyrus. D. A. Trankovskii. Biul. MOIP Otd. biol. 67 no. 3:140-141 My-Je '62

LATIN AMERICA—FOREIGN ECONOMIC RELATIONS—UNITED STATES

Alliance or bondage? V. Eremenko. Ukraina no. 22:28-29 N '62

LATIN AMERICA—LAND TENURE

Tragedy of the peasantry in Latin America. Pedro Saad. Nov. vrem. 20 no. 46,20-22 N '62.

LATIN AMERICA—POLITICS AND GOVERNMENT

"Problems of the continental revolution" [in Spanish] by R. Arismendi. Reviewed by V. Ermolaev, S. Mikhailov. Kommunist 39 no. 17:124-126 N '62.

LATIN AMERICA—RELATIONS (MILITARY) WITH THE UNITED STATES

Coercing a continent. A. Leonidov. Nov. vrem. 20 no. 39:12-15 S '62.

LATIN AMERICA—REVOLUTIONS

"Problems of the continental revolution" [in Spanish] by R. Arismendi. Reviewed by V. Ermolaev, S. Mikhailov. Kommunist 39 no. 17:124-126 N '62.

LATITUDE
(see also subdivision under Irkutsk, Poznan)

One more method of determining geographical latitude by means of a theodolite. N. V. Lialina. Fiz. v shkole 22 no. 2:81-82 Mr-Ap '62.

LATITUDE VARIATION
(see also subdivision under Poltava)

Inaccuracy of the constant annual aberration and daily latitude variations [A. S. IAtskiv] Trudy Polt. grav. obser. 11 94-103 '62

LATVIA—AGRICULTURAL RESEARCH

Assistance of the institutes of the Academy of Sciences of the Latvian S. S. R. to agriculture. Izv. AN Latv. SSR no. 7:1-8 '62.

LATVIA—ARCHITECTURE—DESIGNS AND PLANS

Latvia. IU. Vasil'ev, V. Shust, A. TSeliadoms. Arkhit. SSSR no. 9 34-37 '62

LATVIA—BEANS—DISEASES AND PESTS

Leaf mold of beans. R. I. Mikheeva. Zashch. rast. ot vred. i bol. 7 no. 5 27-28 My '62

LATVIA—BOTRYTIS

Leaf mold of beans. R. I. Mikheeva. Zashch. rast. ot vred. i bol. 7 no. 5 27-28 My '62

LATVIA—COMMUNISM

Indissoluble alliance of workers and collective farmers. K. Mamaeva. Izv. AN Latv. SSR no. 7:9-24 '62

LATVIA—CYPRAEIDAE, FOSSIL

Finds of Cypraea moneta in Latvia [with summary in German] E. M. Muguretics. Izv. AN Latv. SSR no. 7 37-52 '62.

LATVIA—ECONOMIC POLICY

Indissoluble alliance of workers and collective farmers. K. Mamaeva. Izv. AN Latv. SSR no. 7:9-24 '62.

LATVIA—ELECTRIC RAILROADS

Electric contact and battery type train. N. I. Krasnobaev, I. T. Makarenko, L. B. Shreder. Zhel. dor. transp. 41 no. 11 55-58 N '62.

LATVIA—FAMILY

Family and the mode of life of Latvian peasants. L. N. Terent'eva. Trudy Inst. etn. 77:62-93 '62

LATVIA—INTERIOR DECORATION

New developments in the design of interiors of public buildings. A. Birzenieks. Arkhit. SSSR no. 10:23-25 '62.

LATVIA—KARTING

On Daugava banks. V. Stelliferovskii. Za rul. 20 no. 11 18-19 N '62.

LATVIA—PARASITES—FISHES

Philometrosis of the carp in fish ponds in the Latvian S. S. R. [with summary in English]. K. Vismanis. Izv. AN Latv. SSR no. 1 93-96 '62.

LATVIA—POLIOMYELITIS—PREVENTION

"Immunology and prospects for eliminating poliomyelitis in the Latvian S. S. R." by R. A. Kukaine. Reviewed by M. Budzho. Izv. AN Latv. SSR no. 4.151-152 '62

LATVIA—PUBLIC BUILDINGS

New developments in the design of interiors of public buildings. A. Birzenieks. Arkhit. SSSR no. 10:23-25 '62.

LATVIA—RURAL CONDITIONS

Family and the mode of life of Latvian peasants. L. N. Terent'eva. Trudy Inst. etn. 77:62-93 '62

LATVIA—SEED POTATOES

Advantages of treating potatoes with formalin before planting. N. D. IAkovleva. Zashch. rast. ot vred. i bol. 7 no. 3 43 Mr '62.

LATVIA—STATISTICS

[The Latvian S. S. R. in 1961 in figures] Latviiskaia SSR v tsifrakh v 1961 godu; kratkii statisticheskii sbornik. Riga, Gosstatizdat, Latviiskoe otd-nie, 1962. 192 p.

LATVIA—STRIKES AND LOCKOUTS

Latvian labor movement during the new intensification of revolutionary activity. J. Krastins. Izv. AN Latv. SSR no. 7:25-35 '62.

LATVIA—WIREWORMS

Determing the age, the year of development and the pupation time of the larvae of the click beetle Selatosomus aeneus L. K. IA. Egina. Zashch. rast. ot vred. i bol. 7 no. 5.50 My '62

Distribution of pupae and larvae of the click beetle in the soil of the Latvia S. S. R. [in Latvian with Russian summary]. J. Cinovskis, K. Jegina. Izv. AN Latv. SSR no. 4 87-92 '62.

LATVIA—YOUTH

Zitmanis, Augusts, and B. I. Mozdukhov. [Make use of potentials, put a stop to losses] Dorogu rezervam, zaslon poteriam. [Moskva] Molodaia gvardiia, 1961. 63 p. illus. (Komsomol'skomu aktivistu). (MH)

LAUNDRY MACHINERY see subdivision under Kishinev

LAUNDRY WORKERS—DISEASES AND HYGIENE see subdivision under Leningrad

LAUREL see subdivision under Georgia

LAUREL—DISEASES AND PESTS see subdivision under Georgia

LAVA VALLEY—GEOLOGY

Iskul', N. V., and S. S. Kuznetsov. [Outline of the geology of the Lava Valley (Leningrad Province)] Geologicheskii ocherk doliny reki Lavy (Leningradskaia oblast'). Moskva, Izd-vo Akad. nauk SSSR, 1962. 35 p. 13 plates. (Akademiia nauk SSSR. Geologicheskii muzei. Trudy, no. 11)

LAVENDER (PLANT)

Propagation of lavender by seeds [with summaries in English, German, and French] R. I. Nevstrueva, S. G. Maliarenko, D. F. Shkunat. Vest. sel'khoz. nauki 7 no. 9 56-59 S '62

LAW
(see also subdivision under Bohemia, Kazakhstan; Ukraine, Uzbekistan)

Kharkov. IUridicheskii institut. [Enhancing the role of the Soviet public in the consolidation of socialist law and order] Ob usilenii roli obshchestvennosti v ukreplenii sotsialisticheskogo pravoporiadka; materialy respublikanskoi konferentsii. Khar'kov, Izd-vo Khar'kovskogo gos. univ., 1961. 94 p. (CTY-L)

LAW—BIBLIOGRAPHY see Bibliography—Law

LAW—CASES

Decisions of the Supreme Court of the Ukrainian S. S. R. Sud. pravo no. 6 126-134 N-D '62

LAW—PHILOSOPHY

Akademiia nauk SSSR. Institut gosudarstva i prava. [Theory of the state and law, basic principles of the Marxist-Leninist theory of the state and law] Teoriia gosudarstva i prava; osnovy marksistsko-leninskogo ucheniia o gosudarstve i prave. Pod red. P. S. Romashkina, M. S. Strogovicha, V. A. Tumanova. Moskva, Izd-vo Akad. nauk SSSR, 1962. 533 p.

Basic trends in the development of national law. S. A. Golunskii. Sov. gos. i pravo 32 no. 11 3-11 N '62.

Gertsenzon, A. A. [The problem of legality and justice in the French political theories of the 18th century] Problema zakonnosti i pravosudiia vo frantsuzskikh politicheskikh ucheniiakh XVIII veka. Moskva, Izd-vo Akad. nauk SSSR, 1962. 318 p.

For the complete elimination of the surviving traces of the personality cult in legal science. Izv. vys. ucheb. zav.; prav. 6 no. 3:3-14 '62.

The study of national law. A. A. Piontkovskii. Sov. gos. i pravo 32 no. 11:15-25 N '62

LAW—SOURCES see subdivision under Rumania

LAW—STUDY AND TEACHING

Letters to the editor. Agitator no. 21:55-56 N '62.

LAW AND ETHICS

Correlation of legal and moral rules during the judicial examination of civil cases. P. Serbiiko. Rad. pravo no. 6 85-91 N-D '62.

Some features of the interrelation of law and ethics during the transition to communism. A. V. Miliskevich. Izv. vys. ucheb. zav., prav. 6 no. 3:15-25 '62.

LAW ENFORCEMENT

Kharkov. IUridicheskii institut. [Enhancing the role of the Soviet public in the consolidation of socialist law and order] Ob usilenii roli obshchestvennosti v ukreplenii sotsialisticheskogo pravoporiadka; materialy respublikanskoi konferentsii. Kharkov, Izd-vo Khar'kovskogo gos. univ., 1961. 94 p. (CTY-L)

LAW SCHOOLS

M. M. Speranskii's role in the development of legal education in Russia. I. I. Solodkin. Izv. vys. ucheb. zav.; prav. 6 no. 3 146-152 '62.

LAZOVSKIY DISTRICT—SWINE—FEEDING AND FEEDS

The work of "beacon lights" should be an example for all collective farmers. I. Kurichev. Komm. Mold. 7 no. 7:65-69 Jl '62.

LEAD

Formation of the isotopes At^{209} and At^{207} by bombarding bismuth and lead with high-energy protons [with summary in English]. B. N. Beliaev and others. Zhur. eksp. i teor. fiz. 43 no. 4.1129-1134 O '62.

LEAD—ISOTOPES

Fallout of Pb^{210} from the atmosphere V. I. Baranov, V. D. Vilenskii. Radiokhimiia 4 no 4 493-496 '62

Isotopic composition of lead in meteorites in connection with their origin I. E. Starik and others Biul. Kom. po opr abs vozr. geol. form no. 5 12-25 '62.

Origin and age of tektites I. E. Starik and others Biul. Kom. po opr abs vozr. geol. form no. 5 26-34 '62

LEAD—METALLURGY

Cementation of copper and lead from calcium chloride solutions. L. S. Dukhanina, A. L. TSeft. Trudy Inst. met. i obog. AN Kazakh. SSR 5:52-56 '62.

Deposition of lead and zinc in the form of sulfides from high iron solutions. A. L. TSeft, A. D. Ablanov, S. N. Sushchenko. Trudy Inst. met. i obog. AN Kazakh. SSR 5:49-52 '62.

LEAD ALLOYS—TESTING

Shrinkage of alloys in the lead corner of the system lead - antimony - tin V. A. Kogan, A. A. Semionov Metalloved i term. obr. met. no 11 31-38 N '62.

LEAD-ANTIMONY-TIN ALLOYS—THERMAL PROPERTIES

Fluidity of ternary alloys in the system Pb - Sb - Sn V. A. Kogan, A. A. Seminov Lit. proizv no 9 32-34 S '62

LEAD INDUSTRY—BY-PRODUCTS

Simultaneous treatment of tellurium-bearing products of the lead industry. I. R. Polyviannyi, N. A. Militina. Trudy Inst. met. i obog. AN Kazakh. SSR 5 57-68 '62.

LEAD ORES

(see also subdivision under Kara-Mazar Mountains)

Aliaydin, V. F. [Lead and zinc, how to search for them in the field] Svinets i tsink, kak ikh iskat' v prirode. Izd. 2., ispr. Moskva, Gosgeoltekhizdat, 1962. 38 p. (Bibliotechka iskatelia poleznykh iskopaemykh)

LEAD SELENIDE

Band structure and piezoresistance effects in PbTe and PbSe. G. L. Bir, G. E. Pikus. Fiz. tver. tela 4 no. 8 2243-2252 Ag '62.

LEAD SULFIDE CRYSTALS—ELECTRIC PROPERTIES

Effect of copper on the properties of lead sulfide single crystals. V. S. Andramonov, N. S. Baryshev, I. S. Aver'ianov. Fiz. tver. tela 4 no. 8:2223-2226 Ag '62.

LEAD TELLURIDE

Band structure and piezoresistance effects in PbTe and PbSe. G. L. Bir, G. E. Pikus. Fiz. tver. tela 4 no. 8: 2243-2252 Ag '62.

LEAF BEETLES

Taxonomy and biology of the larvae of the subfamily Clytrinae (Coleoptera, Chrysomelidae) [with summary in English]. L. N. Medvedev. Zool. zhur. 41 no. 9. 1334-1344 S '62.

LEAF BUGS

Materials on the taxonomy of leaf bugs (Heteroptera, Miridae) of the U. S. S. R. I. M. Kerzhner. Ent. oboz 41 no. 2:372-387 '62

LEAF HOPPERS

New tribes of leafhoppers of the subfamily Euscelinae (Auchenorrhyncha, Cicadellidae) [with summary in English]. A. F. Emel'ianov. Ent. oboz. 41 no. 2:388-397 '62.

LEAST SQUARES

Buhai, P. T. [Theory of errors and the method of least squares] Teoriia pomylok i sposib naimenshykh kvadrativ. [L'viv] Vyd-vo L'vivs'koho univ.
Pt. 1. 1960. 366 p.

Piriatin, V. D. [Processing the results of experimental measurements by the method of least squares] Obrabotka rezul'tatov eksperimental'nykh izmerenii po
kvadratov. Khar'kov, Izd-vo

parabolic relationships be-
urement results] Priamoli-
rabolicheskaia zavisimost'
ul'tatami izmerenii. 1962.

f raw leather. R. V. Gorodets-
Kozh.-obuv. prom. 4 no. 11:

the manufacture of continuous
V. G. Semenovich and others.
), 11:20-24 N '62.

d leather of the coated fabric
A. Pavlov. Kozh.-obuv. prom.

er Donetsk Province; Minsk)
ufacture] Kozhevennoe
er. i dop. Moskva,
).

The public inspection program of the All-Union Scientific and Technical Society is in operation. Kozh.-obuv prom. 4 no. 11 34 N '62.

LEATHER WORKERS—DISEASES AND HYGIENE see subdivision under Semipalatinsk

LEAVE OF ABSENCE

Leave without pay. Okhr. truda i sots. strakh. 5 no. 10: 45-46 O '62.

LEAVES—OPTICAL PROPERTIES

Electronic spectral apparatus for determining the optical properties of leaves [with summary in English]. V. P. Dadykin, B. N. Grushevskii. Fiziol. rast. 9 no. 3 385-389 '62

LEAVES, SHEDDING OF see Defoliation

LEBYAZH'YE DISTRICT—STOCK AND STOCKBREEDING

Will they have enough feed in the winter? G. Lugovoi. Part. zhizn' Kazakh. 32 no. 10:48-51 O '62

LECITHIN

Study of the photochemical changes in a lecithin and glutamic acid or lecithin and glycine solution in the presence of saccharose with the use of artificial and sun light as a source of radiation [with summary in English]. O. N. Perti, K. Bahadur, N. D. Pathak Biokhimiia 27 no 4 708-714 Jl-Ag '62.

LECITHINASE

Further purification and the immunochemical properties of lecithinase, the lethal factor of B. perfringens toxin [with summary in English]. M. V. Ispolatovskaia, G. A. Levdikova Biokhimiia 27 no. 4 631-635 Jl-Ag '62

LEGAL ETHICS

Ethics of the legal profession I. Levi Rad. pravo no 6:121-123 N-D '62.

LEGAL RESEARCH

The study of national law. A. A. Piontkovskii. Sov. gos. i pravo 32 no. 11:15-25 N '62.

LEGUMES

(see also subdivision under Russia, Southern; Vologda Province)

Physiological characters in pulse crops [with summaries in English, German, and French] N. D. Feofanova Vest. sel'khoz nauki 7 no 9 115-119 S '62.

Warehouses of proteins. V. N. Stepanov. Shkola i proizv. 6 no 5 41-46 My '62

LEGUMES—DISEASES AND PESTS

More attention to the protection of pulse crops against pests. Z. V. Ivanova Zashch. rast. ot vred. i bol 7 no 3 22-24 Mr '62.

LEGUMINOSAE

(see also subdivision under Arctic regions)

Some characteristics of the ontogenetic changeability of leguminous plants. E. I. Rzhanova. Biul. MOIP Otd. biol 67 no. 3:143 My-Je '62

LEIPZIG—EXHIBITIONS

Motion-picture photographic materials at the Leipzig Fall Fair of 1962. Tekh. kino i telev. 6 no. 12:90 D '62

LEISHMANIASIS

Inter-republic conference on leishmaniasis and pappataci fever. E. S. Popova Zdrav. Turk. 6 no. 2:46 Mr-Ap '62.

LEMON see subdivision under Georgia

LEMON BREEDING

Results of the hybridization of lemon. M. V. Kolelishvili. Agrobiologiia no. 5:709-715 S-O '62.

LENA DELTA—TROUT

Data on the ecology and taxonomy of chars of the genus Salvelinus of the Lena Delta. M. V. Mina. Vop. ikht. 2 no. 2:230-241 '62.

LENA VALLEY—ALLUVIUM

Eolian alluvial formations in the lower Lena Basin. N. N. Bobrinskii Trudy VAGT no. 8:57-66 '62.

LENA VALLEY—CEPHALOPODA, FOSSIL

Voronets, N. S. [Stratigraphy and cephalopods of Jurassic and Lower Cretaceous sediments in the Lena-Anabar region] Stratigrafiia i golovonogie molliuski iurskikh i nizhnemelovykh otlozhenii Leno-Anabarskogo raiona. Moskva, Gos. nauchn.-tekhn. izd-vo lit-ry po geologii i okhrane nedr, 1962. 109 p. (Leningrad, Nauchno-issledovatel'skii institut geologii Arktiki. Trudy, vol. 110)

LENA VALLEY—DIATOMS

Paleoecological analysis of the diatomaceous flora of Eyk sediments. S. A. Garkusha. Trudy VAGT no. 8: 56-57 '62.

LENA VALLEY—GEOLOGY—MAPS

Methods for structural interpretation of aerial photographs and results of its field testing. L. M. Izrailev, B. N. Leonov. Trudy VAGT no. 8:136-141 '62.

LENA VALLEY—GEOLOGY, STRATIGRAPHIC

Origin and age of Eyk sediments. R. O. Galabala Trudy VAGT no. 8 50-55 '62

LENIN, VLADIMIR IL'ICH, 1870-1924

An anniversary of great importance. M. P. Marokhil Ukr. ist. zhur. 6 no. 4 166-168 Jl-Ag '62.

Azizbekova, P. A. [V. I. Lenin and socialist reforms in Azerbaijan, 1920-1923] V. I. Lenin i sotsialisticheskie preobrazovaniia v Azerbaidzhane, 1920-1923 gg. Moskva, Izd-vo Akad. nauk SSSR, 1962. 304 p.

Books that belonged to Lenin P. Gurov, A. Bondar' Bibliotekar' no 11 7-9 N '62.

"Current objectives of the Soviet regime"; a new document of V. I. Lenin. Vop. ist. KPSS 6 no. 6 3-14 '62.

Glukhova, A. A., and A. M. Dzhigkaev. [Significance of V. I. Lenin's analysis of the revolution in physics for the struggle against idealism and mechanism] Znachenie leninskogo analiza revolutsii v fizike dlia bor'by protiv "fizicheskogo" idealizma i mekhanizma. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1962. 257 p.

How Soviet governmental agencies carried out the requests of V. I. Lenin. Submitted by S. A. Vakurova and others. Ist. arkh. 8 no. 1:13-32 Ja-F '62.

How V. I. Lenin analyzed the crisis of physics and some philosophical problems of mathematics. K. N. Sukhanov. Nauch. dokl. vys. shkoly; filos. nauki 5 no. 5:74-82 '62

How V. I. Lenin worked (to be continued). Pavlo Tarkhanenko. Ukr. nat. no 10 1-2 O '62

Ivanskii, A. I. [Books in the life of the young Lenin] Kniga v zhizni molodogo Lenina; dokumental'nyi ocherk. Moskva, Izd-vo "Znanie," 1962. 39 p. (Novoe v zhizni, nauke, tekhnike. X Seriia: Molodezhnaia, no. 22)

"Lenin on the Ukraine" by V. P. Tiutarenko. Reviewed by N. I. Sukharov Sov. bibl. no. 5:40-41 '62.

Lenin, V. I. [Complete works] Polnoe sobranie sochinenii. Izd. 5. Moskva, Gospolitizdat.
Vol. 35. [October 1917-March 1918] Oktiabr' 1917 mart 1918. 1962. 599 p.

The "Leninist style" of political propaganda and information V. Makov Komm Uz. 34 no. 5 68-71 My '62.

Moscow. Institut Marksizma-Leninizma. [Chronological index of V. I. Lenin's works in two parts, 1893-1923, books, articles, speeches, letters, and other documents] Khronologicheskii ukazatel' proizvedenii V. I. Lenina v dvukh chastiakh, 1893-1923; knigi, stat'i, vystupleniia, pis'ma i drugie dokumenty. Moskva, Gospolitizdat.
Pt. 2. [March 1917-March 1923] Mart 1917-mart 1923. 1962. 695 p.

Platonov, B. E. [Lenin and the problems of Soviet literature] Lenin i voprosy sovetskoi literatury. Leningrad, Ob-vo po raspr. polit. i nauchn. znanii RSFSR, 1960. 54 p.
(NNC)

"Problems of economic theory in V. I. Lenin's work," edited by N. G. Pospelova. Reviewed by L. Abalkin, V. Motylev, P. Savchuk. Nauch. dokl. vys. shkoly; ekon. nauki 5 no. 6:109-116 '62.

V. I. Lenin and the establishment of the U. S. S. R. M. S. Akhmedov. Vop. ist. KPSS 6 no. 8:22-30 '62.

V. I. Lenin's elaboration of the theory of causation F. I. Ivanova. Nauch. rab. i soob. Otd. obshchest. nauk AN Uz. SSR 4:6-14 '61.

V. I. Lenin's letters to the editor of "Pravda," 1912-1914. Submitted by V. T. Loginov. Ist. arkh. 6 no. 1:3-17 Ja-F '62.

V. I. Lenin's treatment of the problem of nationalities on the eve of the first Russian revolution. A. B. Pavlov. Izv. AN Kazakh. SSR. Ser. ist., arkheol. i etn. no. 3:3-17 '62.

LENIN, VLADIMIR IL'ICH, 1870-1924—BIBLIOGRAPHY see Bibliography—Lenin, Vladimir Il'ich, 1870-1924

LENINGRAD

The city's silhouette. O. N. Zakharov. Stroi. i arkhit. Len. 24 no. 10:29-31 O '62.

LENINGRAD—AIR—POLLUTION

Role of the Leningrad party organization in the gasification of the city. D. I. Gutman. Trudy LSGMI no 43:11-23 '61.

LENINGRAD—APARTMENT HOUSES

Apartment houses of three-dimensional elements. I. M. Bezverkhnii. Stroi. i arkhit. Len. 23 no. 12:8-10 D '61.

LENINGRAD—APARTMENT HOUSES—HEATING AND VENTILATION

Hygienic evaluation of the temperature-humidity conditions in large-panel living quarters in Leningrad. V. A. Rudeiko, M. N. Grigor'eva. Trudy LSGMI no. 43:15-17 '61.

LENINGRAD—APARTMENT HOUSES—MAINTENANCE AND REPAIR

Without regard to the residents. G. Shister. Zhil.-kom. khoz. 12 no. 11:28-29 N '62.

LENINGRAD—ART—EXHIBITIONS

Leningrad. Ermitazh. [Exhibition of paintings and drawings by Russian artists of the beginning of the 20th century (from F. F. Notgaft's collection); a catalog] Vystavka kartin i risunkov russkikh khudozhnikov nachala XX veka (iz sobraniia F. F. Notgafta); katalog. Leningrad, 1962. 19 p. illus.

LENINGRAD—ART—STUDY AND TEACHING

Teaching the history of art in a school. I. Chizhova. Nar. obr. no. 12:70 D '62

LENINGRAD—ART, ORIENTAL

D'iakonova, N. V. [Art of the peoples of foreign Oriental countries in the Hermitage collections] Iskusstvo narodov zarubezhnogo Vostoka v Ermitazhe. Leningrad, Izd-vo Gos. Ermitazha, 1962. 125 p. illus. [In Russian and English]

LENINGRAD—AUTOMOBILE RACING

Racing for the Prize of the Central Automobile and Motorcycle Club. A. Sabinin. Za rul. 20 no. 11 11-15 N '62.

LENINGRAD—BOOKSELLERS AND BOOKSELLING

Store devoted to books on the construction industry. Stroi. i arkhit. Len. 23 no. 12:31 D '61.

LENINGRAD—BUILDINGS, PREFABRICATED

Apartment houses of three-dimensional elements. L. M. Bezverkhnii. Stroi. i arkhit. Len. 23 no. 12 6-10 D '61.

LENINGRAD—CHEMICAL LABORATORIES

"Chemical laboratory of M. V. Lomonosov" by N. M. Raskin. Reviewed by K. M. Anisimova. Priroda 51 no. 11:121 N '62.

LENINGRAD—CITY PLANNING

Honorable duty of Soviet city planners. Stroi. i arkhit. Len. 24 no. 10:1-3 O '62.

Hygienic problems in connection with the new design plan for the development of Leningrad. A. I. Shtreis. Trudy LSGMI no. 68:8-15 '61.

Leningrad goes to the sea. Stroi. i arkhit. Len. 24 no. 10:4-12 O '62.

On the Second Murinskii Boulevard. V. A. Gaikovich. Stroi. i arkhit. Len. 24 no. 10:13-16 O '62.

Plan for a great work. A. I. Naumov. Stroi. i arkhit. Len. 23 no. 12 1-5 D '61.

LENINGRAD—CLOTHING INDUSTRY

Novikov, N. S. [Organization of the exchange of information on work practices in the "Bol'shevichka" Clothing Factory in Leningrad] Organizatsiia raboty po obmenu peredovym opytom na leningradskoi shveinoi fabrike "Bol'shevichka", stenogramma lektsii, prochitannoi v LDNTP na seminare dlia rabotnikov shveinoi promyshlennosti. Leningrad, 1962. 26 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Serila: Shveinaia promyshlennost')

LENINGRAD—COMMUNICATIONS MUSEUMS

Russia (1923- U. S. S. R.) Ministerstvo sviazi. [Central Museum of Communications named after A. S. Popov] TSentral'nyi muzei sviazi imeni A. S. Popova. Leningrad, 1962. 234 p.

LENINGRAD—COMMUNIST PARTY OF THE SOVIET UNION

Role of the Leningrad party organization in the gasification of the city. D. I. Gutman. Trudy LSGMI no. 68:16-23 '61.

LENINGRAD—COMPUTATION LABORATORIES

Organizing a computing center in Leningrad. Vest. AN SSSR 32 no. 11:127 N '62.

LENINGRAD—CONFECTIONERY—ACCOUNTING

Supplying raw materials for production without documentation. A. Gruzdeva, S. Kaitser. Bukhg. uchet 10 no. 10:39-41 O '62.

LENINGRAD—CONSERVATORIES OF MUSIC

The first Russian conservatory. P. Serebriakov. Sov. muz. 26 no. 9:88-92 S '62.

From archives. Sov. muz. 26 no. 9:105-109 S '62

My Alma Mater. D. Shostakovich. Sov. muz. 26 no. 9 101-104 S '62

My instructors. IU. Shaporin. Sov. muz. 26 no. 9:96-97 S '62.

Pass into life. A. Gauk. Sov. muz. 26 no. 9:98-101 S '62

Years at the conservatory. Kh. Kushnarev. Sov. muz. 26 no. 9:92-96 S '62

LENINGRAD—CONSTRUCTION INDUSTRY

In the Executive Committee of the Leningrad Soviet. Stroi. i arkhit. Len. 23 no. 12:31 D '62.

In the Executive Committee of the Leningrad Soviet. Stroi. i arkhit. Len. 24 no. 10:40 O '62.

LENINGRAD—FIRES AND FIRE PREVENTION—INSPECTION

Inspectors exchange their experiences. K. Nikolaenko. Pozh. delo 8 no. 11:12 N '62.

LENINGRAD—GUIDEBOOKS

Semennikova, N. V., and IA. M. Okun'. [Leningrad in three days; a brief story for those who come to our city and want to become acquainted with its artistic monuments] Leningrad za tri dnia; eto kratkii rasskaz dlia tekh, kto, priekhav v nash gorod, khochet poznakomit'sia s ego khudozhestvennymi pamiatnikami. Leningrad, Izd-vo "Iskusstvo," 1962. 183 p. illus.

LENINGRAD—HOSPITAL BEDS

Hygienic evaluation of the positioning of hospital beds. N. S. Anishchenko. Trudy LSGMI no. 66 66-92 '61

LENINGRAD—HOSPITALS—HYGIENE

Microclimatic and radiation observations on the grounds of Mechnikov Hospital. Z. N. Kulichkova. Trudy LSGMI no. 66:100-110 '61.

LENINGRAD—HOUSING—HEATING AND VENTILATION

Insulation and aeration of new living quarters in Leningrad. N. S. Anishchenko. Trudy LSGMI no. 66:34-34 '61.

LENINGRAD—HOUSING—HYGIENIC ASPECTS

Effect of living conditions in the health of the population. V. A. Rudeiko, M. N. Grigor'eva. Trudy LSGMI no. 66: 50-63 '61.

LENINGRAD—INSTRUMENTS—TECHNOLOGICAL INNOVATIONS

Petrova, T. G. [Achievements of Leningrad instrument designers] Uspekhi priborostroiteiei Leningrada; itogi konkursa LONTOPriborprom za 1961 g. Pod red. Z. A. Timofeevoi. Moskva, 1962. 16 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Serila: Pribory i elementy avtomatiki, no. 7)

LENINGRAD—KINDERGARTEN—MUSIC

Kopeleva, G. P., comp. [Preschool musical education for children; from the practice of Leningrad kindergarten music teachers] Doshkol'noe muzykal'noe vospitanie detei; iz opyta raboty muzykal'nykh rukovoditelei detskikh sadov Leningrada. Leningrad, Muzgiz, 1962. 83 p. (V pomoshch' muzykantu)

LENINGRAD—KNITTING MACHINES

Modernization of the OV-1 tricot knitting machines. M. S. Miasnikov. Tekst. prom. 22 no. 10:54-55 O '62.

LENINGRAD—LAUNDRY WORKERS—DISEASES AND HYGIENE

Heat exchange in workers in the ground shops of commercial laundries. L. V. Kuvshinova. Trudy LSGMI no. 68: 76-86 '61.

LENINGRAD—LIBRARIES

Leningrad. Publichnaia biblioteka. [Leningrad Public Library in 1961] Gosudarstvennaia Publichnaia biblioteka imeni M. E. Saltykova-Shchedrina v 1961 godu. [By] N. D. Drulan. Red. V. M. Barashenkov. Leningrad, 1962. 113 p.

LENINGRAD—MEDICAL MUSEUMS

The 20th anniversary of the Medical Museum of the Ministry of Defense of the U. S. S. R. I. Krivoretov. Voen.-ist. zhur. 1 no. 11 123-125 N '62.

LENINGRAD—MOTION-PICTURE STUDIOS

New laboratory of the "Lenfilm" motion-picture studio. Tekh. kino i televi. 6 no. 12 90 D '62

LENINGRAD—MUSEUMS—FIRES AND FIRE PREVENTION

"Protected by the state..." IU. Nazarov. Pozh. delo 8 no. 11 7-9 N '62

LENINGRAD—NOISE CONTROL

Street noise in a small residential area. A. S. Rozenfel'd. Trudy LSGMI no. 66:35-45 '61.

LENINGRAD—OILS AND FATS

Treatment of palm nuts (kernels) by the prepressing-continuous extraction flow sheet. I. E. Bezuglov, P. M. Edemskii. Masl. zhir. prom. 28 no. 7, 34-37 Jl '62.

LENINGRAD—PAINTINGS, ENGLISH

Krol', A. E. [English paintings from the 16th to the 19th century in the Hermitage] Angliiskaia zhivopis' XVI - XIX vekov v Ermitazhe. Leningrad, Izd-vo Gos. Ermitazha, 1961. 86 p. plates. [In Russian and English]

LENINGRAD—PEDIATRIC SOCIETIES

Proceedings of the Leningrad Society of Pediatricians. Vop. okh. mat. i det. 7 no. 7:92-94 Jl '62.

LENINGRAD—RESEARCH, INDUSTRIAL

Gorskii, A. A., and K. K. Grigor'ev. [Trade unions, science and production] Profsoiuzy, nauka, proizvodstvo. [Moskva] Profizdat, 1962. 78 p.

LENINGRAD—REVOLUTION OF 1905

From archives. Sov. muz. 26 no. 9 105-109 S '62

LENINGRAD—SHOE MANUFACTURE

Centralization of the cutting operations of shoe-upper leather in the Leningrad shoe factories. N. M. Khanin. Kozh.-obuv. prom. 4 no. 11:8-11 N '62.

LENINGRAD—SIEGE, 1941-1944

The defense of Leningrad. A. Khrulev. Voen.-ist. zhur. 4 no. 11:27-36 N '62.

LENINGRAD—STADIUMS—HYGIENIC ASPECTS

Effect of temperature and humidity of the air on the temperature of the skin in track athletes. E. V. Evdokimova. Trudy LSGMI no. 66:64-76 '61.

LENINGRAD—STREETCARS

Development of rail transportation in Leningrad. A. P. Zhukovskii, M. A. Plit. Stroi. i arkhit. Len. 23 no. 12: 21-22 D '61.

LENINGRAD—SUBWAYS

Strength and elastic properties of the concrete in the tunnels of the Leningrad subway. IA. E. Iokhelson. Shor. trud. LIIZHT no. 174 143-176 '60.

LENINGRAD—TEXTILE WORKERS

Grigor'ev, A. A. [In response to a challenge] Tam gde trudnee. [Leningrad] Lenizdat, 1961. 76 p. (Novatory leningradskoi promyshlennosti)

LENINGRAD—TRADE UNIONS

Gorskii, A. A., and K. K. Grigor'ev. [Trade unions, science and production] Profsoiuzy, nauka, proizvodstvo. [Moskva] Profizdat, 1962. 78 p.

LENINGRAD—UNIVERSITIES AND COLLEGES

Sixtieth anniversary of the Leningrad Technical Institute. Vest. vys. shkoly 20 no. 11 54 N '62

LENINGRAD—WATER PIPES

Gorlacheva, L. A. [Construction and operation of plastic water pipes in Leningrad] Opyt stroitel'stva i ekspluatatsii plastmassovykh vodoprovodov v Leningrade. Leningrad, 1962. 24 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Serila: Stroitel'naia promyshlennost', no. 16)

LENINGRAD PROVINCE—AGRICULTURE—EXPERIMENTATION

Student experimentation in Leningrad Province. R. A. Teas. Shkola i proizv. 6 no. 5:62-66 My '62

LENINGRAD PROVINCE—HOSPITALS—CONSTRUCTION

Inadequacies of new hospital construction in Leningrad and Leningrad Province from a sanitary planning viewpoint. A. F. Zablotskii. Trudy LSGMI no. 66:93-99 '61.

LENINGRAD REGION—CENTIPEDES

Structure and development of stigmata of the centipede Lithobius forficatus L. (Chilopoda, Lithobiidae) [With summary in English]. Z. S. Kaufman. Ent. oboz. 41 no. 2 366-371 '62

LENINGRAD REGION—INSECTS, INJURIOUS AND BENEFICIAL

Insects living on the stems of the raspberry (Rubus idaeus L.) in the suburban areas of Leningrad. IU. S. Tolstova. Ent. oboz. 41 no. 2 285-293 '62.

LENINGRAD REGION—RASPBERRIES—DISEASES AND PESTS

Insects living on the stems of the raspberry (Rubus idaeus L.) in the suburban areas of Leningrad. IU. S. Tolstova. Ent. oboz. 41 no. 2, 285-293 '62.

LENINOGORSK (EAST KAZAKHSTAN PROVINCE)—STATE FARMS

Exemplary work of our propagandists. P. Ulanov. Part. zhizn' Kazakh. 32 no. 10:65-66 O '62.

LENINOGORSK REGION (EAST KAZAKHSTAN PROVINCE)—MINE HOISTING

Study of the operation of a hydraulic hoist in the "Belkina-Ventilyatsionnaya" Mine. N. I. Kazakov and others. Gor. zhur. no. 6:43-47 Je '62.

LENINOGORSK REGION (EAST KAZAKHSTAN PROVINCE)—MINE PUMPS

Practice of constructing and using deeper pumping chambers in "Novaya" Mine. V. B. Nikulin. Gor. zhur. no. 12:15-18 D '62.

LENINSK DISTRICT (ANDIZHAN PROVINCE)—COLLECTIVE FARMS

Sports glory of a collective farm. B. Vail. Uzbekistan 21 no. 10 23 '62.

LEPIDOLITE

Determination of the absolute age of some lepidolites by the rubidium-strontium method. A. D. Esikov, G. S. Esikova, G. N. Iakovlev. Biul. Kom. po opr. abs. vozr. geol. form. no. 5:89-93 '62.

LEPIDOPTERA see subdivision under Murgab Valley

LEPROSY

Ocular leprosy and modern antileprosy therapy [with summary in English]. IU. I. Garus. Vest. oft. no. 4 52-60 '62.

LEPTOSPIROSIS

(see also subdivision under Azerbaijan, Kuban Valley; Moscow region)

Leptospirosis of the saxkoebing type [with summary in English]. IU. G. Chernukha, I. L. Kokovin. Zhur. mikrobiol., epid. i immun. 32 no. 12:84-87 D '61.

Study of an outbreak of anicteric leptospirosis among children. Z. R. Syrgabaeva. Zdrav. Kazakh. 22 no. 8: 45-48 '62.

LERMONTOV, MIKHAIL IUR'EVICH, 1814-1841

"From the history of the Russian classical novel; Pushkin, Lermontov, Gogol'" by D. E. Tamarchenko. Reviewed by A. Gurevich. Vop. lit. 6 no. 6:214-216 Ag '62.

LERMONTOV, MIKHAIL IUR'EVICH, 1814-1841—HOMES AND HAUNTS

Ivanova, T. A. [M. IU. Lermontov in the Moscow environs] M. IU. Lermontov v Podmoskov'e. [Moskva] Mosk. rabochii, 1962. 94 p.

LESHCHINSKII, ALEKSANDR L'VOVICH, 1901-

Aleksandr L'vovich Leshchinskii, on his 60th birthday Zhur. nevr. i psikh. 61 no 10,1592 '61.

LEUCOCYTES

Change in the functional state of the monocytic system during the course of acute pneumonia in infants [with summary in English]. N F. Dubovik. Vop. okh. mat. i det. 7 no 7,13-18 Jl '62.

Condition of the leucocytes in workers in automotive transportation enterprises V. M. Voitiuk Vrach delo no. 8 124-125 Ag '62.

Effect of vitamin B6 on the leucocytes in anemias V A Galitsev Zdrav. Tadzh 9 no 4,54-56 Jl-Ag '62

Leucocyte index of intoxication in some inflammatory diseases M. G Shebuev Sov med. 26 no. 7;136-140 Jl '62

LEUCOPENIA, MALIGNANT see Agranulocytosis

LEUKEMIA

Aplasia of the bone marrow in chronic myelocytic leukemia following treatment with myelosan. A. S Pogosian Probl gemat. i perel. krovi no. 11;50-52 '62.

Congenital leukemia L B. IUshkevich. Probl. gemat. i perel. krovi no. 11 14-18 '62.

Familial leukemias. S. Sh. Pinkus. Probl. gemat. i perel. krovi no. 11 49-50 '62.

Neoplastic forms of leukemia. I. F. Abasov. Probl gemat. i perel. krovi no. 11 18-20 '62.

Role of viruses in the origin of leukemia in animals and man [with summary in English]. L. A Zil'ber Vop. onk. 8 no. 6;63-74 '62.

LEVEL INDICATORS

Level indicators for cement V. A Girskii, A. N. Shpringer Bet i zhel - bet 8 no 11 519-521 N '62

LEVELING

Evaluation of the accuracy of astrogravimetric leveling in the U. S. S. R. [with summary in English]. L. P. Pellinen, L. A Govorova. Trudy TSNIIGAIK no. 145: 43-59 '62.

LEVIT, VLADIMIR SEMENOVICH, 1883-1961

In memory of V. S. Levit Khirurgiia no. 12;133-134 '61.

LEVITAN, ISAAK IL'ICH, 1861-1900

Isaak Il'ich Levitan T. Toplilina. IUn. nat. no. 10-13 O '62.

LEVOMYCETIN

Comparative evaluation of the uninterrupted and 2-cycle methods of antibiotic therapy in typhoid-paratyphoid diseases [with summary in English]. P. I P'iankov. Sov. med. 26 no. 10 54-58 O '62.

LEZNEV, NIKOLAI FEDOROVICH, 1873-1932

Life and creative activity of Nikolai Fedorovich Leznev; on the 30th anniversary of his death. V. I Vorobtsov, A. A. Pomerantsev. Urologiia 27 no 4 3-6 Jl-Ag '62

LIABILITY (LAW)

Liability for loss caused by the demolition of buildings. V TSemko, A Potopeiko Rad pravo no 6 94-99 N-D '62

Liability for loss caused by the violation of contracts for the delivery of farm produce. A Zaporozhets' Rad pravo no 6 91-93 N-D '62

Zhukova, L. F. [Material liability of state trade workers] Material'naia otvetstvennost' rabotnikov gosudarstvennoi torgovli. Moskva, Gostorgizdat, 1962. 69 p.

LIABILITY FOR ANIMALS

Legal advice Rad pravo no. 6 154-155 N-D '62

LIBERIA—NEGROES—COLONIZATION

Two myths about the American Colonization Society [with summary in English, p 237] M IU Frenkel' Nar Az i Afr no 6 99-105 '62.

LIBERTY OF THE PRESS see subdivision under Germany, West

LIBRARIANS

My life's goal N Glagoleva Bibliotekar' no 11;5-6 N '62

LIBRARIES

(see also subdivision under Frunze, Leningrad; Mordovia; Nizhniy Manut; Tatar A. S. S. R.; Ulan Bator)

Brief news. Sov. bibl. no. 5 119-123 '62.

Toward communism's new victories Bibliotekar' no 11 1-3 N '62.

LIBRARIES, CHILDREN'S

(see also subdivision under Odessa)

Let us give instructions in the use of reference works. A. Nikonova. Bibliotekar' no 11 32-34 N '62

LIBRARIES, PRIVATE see subdivision under Pskov District

LIBRARIES, UNIVERSITY AND COLLEGE

(see also subdivision under Moscow)

Urgent problems N Vil'chur Bibliotekar' no 11;24-27 N '62

LIBRARIES AND READERS

(see also subdivision under Kirov Province, Staro-Korsunskaya, Krasnodar Territory)

For the rural inventor S Smirnova Bibliotekar' no 11 13-15 N '62

LIBRARY ASSOCIATIONS—CONGRESSES

Twenty-eighth session of the Council of the International Federation of Library Associations. N A. Lavrova. Sov. bibl no 5 115-119 '62.

LIBRARY CATALOGS

Concerning an article by an American librarian. S. K Vilenskaia. Sov. bibl. no 5,109-115 '62

LIBRARY CONFERENCES

Conference of Moscow research libraries. N G. Filippov, V. V. Gosina Sov bibl. no 5 71-77 '62

Develop a splendid tradition IU Zubov Bibliotekar' no 11 49-50 N '62

Eighth Conference of the Directors of the Libraries of the Academy of Sciences of the U. S. S. R. and of the Academies of Sciences of the Union Republics. E. K. Aleksandrova, Z. S Karpova. Sov. bibl. no. 5 67-70 '62.

LIBRARY SCHOOLS AND TRAINING

Present state and measures for the improvement of library training in the U. S. S. R. N P Skrypnev Sov. bibl no. 5 3-9 '62.

LIBRARY SCIENCE—BIBLIOGRAPHY see Bibliography—Library science

LIENS

Examination of lawsuits concerning the exclusion of some items from liens on property M Danchenko Rad pravo no 6-77-81 N-D '62

LIFE—ORIGIN

Ignatov, A. L. [Problem of the origin of life] Problema proiskhozhdeniia zhizni. Moskva, Sotsekgiz, 1962. 343 p.

Organic substances of meteorites A I. Oparin Starsh -serzh. no 9 30-31 S '62

LIGHT—PHYSIOLOGICAL EFFECT

Bioelectrical activity of the retina in the isolated frog eye during simultaneous constant and rhythmic light stimulation. V B. Val'tsev. Biofizika 7 no 4;433-441 '62.

Effect of different sources of light on the abundance and species of mosquitoes collected with light traps. K. A. Breev. Vop. ekol. 4 92-93 '62.

Experimental alteration of the diurnal cycle of mitoses by changes in illumination I. P. Koslchenko. Dokl. AN SSSR 147 no 1 259-262 N '62

Photostimulation of single myelin fibers in the frog. R. G. Liudkovskaia. Biofizika 7 no. 4;417-425 '62.

"Role of light in the physiological stimulation of the animal organism" by S. K. Karapetian. Reviewed by L. M. Berkovich. Izv. AN Arm. SSR Biol. nauki 15 no. 9;89-94 S '62.

LIGHT—SCATTERING

Light scattering in a spherical atmosphere. Part 1. V. V. Sobolev, I. N. Minin. Isk. sput. Zem. no. 14;7-12 '62.

Roshchina, G. P. [Molecular scattering of light in gases] Molekuliarnoe rasseianie sveta v gazakh. [Kiev] Izd-vo Kievskogo univ., 1962. 37 p.

LIGHT—TRANSMISSION

Transmission of normally incident light through an anisotropic plate A. P Khapalluk. Kristallografiia 7 no. 4;581-588 Jl-Ag '62

LIGHT FILTERS

Calculation method for a multilayer coating of a given reflectivity A M Ermolaev, I M. Minkov, A G. Vlasov. Opt. i spektr 13 no 2 259-265 Ag '62.

Totally reflecting limited resonance filter. Part 2. L. V. Iogansen Opt. i spektr. 13 no. 2;268-269 Ag '62

LIGHT QUANTUM see Photons

LIGHTING—BIBLIOGRAPHY see Bibliography—Lighting

LIGHTWEIGHT CONCRETE

(see also subdivision under Kharkov; Krivoy Rog)

Building large-panel apartment houses out of air-entrained fly-ash concrete. S. I. Permiakov, I. A. Telegina. Trudy NIISF no. 1,60-94 '62.

Development of large-panel housing construction based on lightweight and cellular concretes in the Maritime Territory K. A. Adamchik, A V. Toroptsev. Bet. i zhel. - bet. 8 no. 11 518-510 N '62.

Elements made of cement wood in ground-level structures of main pipelines. S. M. Blank, L. M. Koltsov, V. I. Ilichenko. Stroi. truboprov. 7 no 10 29-31 O '62.

Experience with the manufacture and use of agloporite in the White Russian S S R B I Kunashchevich Prom mat 8 no 10 4-6 O '62

For expanding the production of porous aggregates for lightweight concretes in every way Stroi prom no 10 1-2 O '62

Increasing hardness and durability. G. V. Kozlov, I. I. Neimark, M. A. Polubotko. Stroi. i arkhit. Len. 24 no. 10 26-28 O '62.

Keramzit concrete in industrial construction S. S. Barkov Prom stroi. 40 no. 8,22-25 '62.

Khigerovich, M. I., and A. P. Merkin. [Intensification of the making of cellular concrete by using vibration] Intensifikatsiia izgotovleniia iacheistykh betonov pute primeneniia vibrirovaniia; doklad na seminare prepodavatelei i aspirantov stroitel'no-tekhnologicheskogo fakul'teta i na XX nauchno-issledovatel'skoi konferentsii instituta, Moskva, Mosk. inzhenerno-stroit. in-t im. V. V. Kuibysheva, 1961. 14 p.

Lightweight concretes made with expanded vitroplaste M Z Vainshtein Bet. i zhel. - bet 8 no 11 514-517 N '62.

Lightweight concretes made with slag "pumice" IA Sh Shtein, I N. Rezunkov, A E. Aleksandrov Bet i zhel - bet. 8 no 11 511-513 N '62

Manufacture of foamed concrete slabs S Belko Prom stroi. i inzh. soor 4 no 2 55 Mr-Ap '62

New data concerning the preparation of concrete mixtures made with porous aggregates M. S. Khaldeeva and E. N. Pisatskina Stroi mat 8 no 10 20-21 O '62

LIGHTWEIGHT CONCRETE—TESTING

Checking the properties of cellular concrete by testing samples drilled out of large blocks I. I. Rozhkov, H. A. Remma, I N Auriste. Stroi mat. 8 no 10 15-17 O '62

LIGNIN

Study of the structural units of lignin by methods of paper chromatography and spectrophotometry in the ultraviolet region. I. A Kodina Dokl AN SSSR 147 no 1;227-230 N '62.

LIGNIN—SPECTRA

Structural lignin units studied by methods of paper chromatography and spectrophotometry in the ultraviolet I. A Kodina. Dokl AN SSSR 147 no 1 227-230 N '62

LIGNITE see subdivision under Dnieper Basin

LIGNITE—ANALYSIS

Connection between the germanium content and the petrographic composition of brown coals. N V. Mezhelaitis. Uch. zap. SAKHIMSa no. 5;63-69 '61.

LIGROINE

Certain regularities in the distribution of the individual hydrocarbon composition of ligroins of Tatar A S S R crudes. B Le, F. A. Urmancheev Khim i tekhnol i masel 7 no. 5 37-42 My '62

LIME

Chemical nature of the liming of clay suspensions I. D Ovcharenko, L G Agabal'iants, A B Ostrovskaia Dokl. AN SSSR 147 no 1;102-105 N '62

LIME, CHLORIDE OF

Reader's comments on the article "Controlling the freezing by treating it with a calcium chloride solution" by Kh. N. Kusembaev V. P. Koval'. Gor. khoz. 40 no 10 65 D '62.

LIMESTONE

(see also subdivision under Altay Range region, Caucasus, Northern, Crimea)

Carbonate-concrete products made of waste products from obtaining limestone I. B Rifman and others Stroi mat 8 no 10 26-28 O '62

LIMING OF SOILS

(see also subdivision under Transcarpathia)

Effect of calcium carbonate on the growth of corn and the activity of its enzymes O I. Kolosha Dokl. AN SSSR 147 no. 1;237-239 N '62.

Importance of soil acidity for the cultivation of red clover plants. G. F. Maklakova Zoshch. rast. ot vred. i bol. 4 no. 6;53 N-D '59.

LIMIT THEOREMS (PROBABILITY THEORY)

On some theorems for inhomogeneous branching processes. V. P. Chistiakov, N. P. Mukova. Dokl AN SSSR 147 no. 2;317-320 N '62.

Some limit theorems for stationary processes [in English with summary in English]. I. A. Ibragimov Teor. veroiat. i ee prim. 7 no. 4;361-392 '62.

LINEAR DIFFERENTIAL EQUATIONS see Differential equations, Linear

LINEAR EQUATIONS

First boundary value problem for a general linear equation. S.M.Nikol'skii Dokl.AN SSSR 146 no.1: 767-769 O '62

General quasi-linear equations of second order and some classes of systems of elliptic equations. N.N. Ural'tseva. Dokl.AN SSSR 146 no.4:778-781 O '62.

LINEAR PROGRAMMING

Application of linear programming to assortment planning L Terekhov Plan khoz 39 no 11 72-78 N '62

LINKS AND LINK MOTION

Calculating four parameters of a driving flat four-bar linkage considering the transmission angle. V.IA. Bolotskii. Izv.vys.ucheb zav., mashinostr. no.6:35-38 '62.

LINOLEIC ACID

Preparation of a liquid isomer of methyl ester of linoleic acid dioxide I.L Kuranova, G.V Pigulevskii. Zhur.ob.khim. 32 no.10 3445 O '62.

Synthesis of cis, cis-9,12-octadecadienoic, linoleic acid. A.A.Kraevskii, I.K.Saryycheva, N.A.Preobrazhenskii. Zhur.ob.khim. 32 no.11 3541-3543 N '62

LIONS IN ART

The Oster find. V.P.Darkevich. Krat.soob.Inst. arkheol. no 87 88-91 '62.

LIPASE

Activity of blood lipase in children with diabetes mellitus [with summary in English]. A.L.Skiba. Probl. endok.i gorm. 8 no.4 65-69 Jl-Ag '62.

LIPETSK PROVINCE—COLLECTIVE FARMS—INTER-FARM COOPERATION

We build economically, using progressive methods. V.Glebov. Sel'.stroi. no.10:17 O '62.

LIPETSK PROVINCE—CONSTRUCTION INDUSTRY

We build economically, using progressive methods. V.Glebov. Sel' stroi. no.10 17 O '62.

LIPETSK PROVINCE—ELECTRICIANS—EDUCATION AND TRAINING

In order to have trained electricians IA Lelikov Pozh delo 8 no 11 9 N '62.

LIPETSK PROVINCE—MATHEMATICS—STUDY AND TEACHING

Work of the mathematics teachers of Lipetsk Province O I Grineva Mat v shkole no 4:21-28 Jl-Ag '62.

LIPETSK PROVINCE—ROTATION OF CROPS

Winter crops on green fallows in Lipetsk Province. E V. Andreeva. Zemledelie 24 no 6:84-86 Je '62

LIPID METABOLISM

Distribution of I^{131} tagged fat during a fat load in white rats of various ages. R. Vysotskii, K. Kheideman. Izv. AN Latv. SSR no 7:119-121 '62

Lipoid and protein metabolism in arteriosclerosis [with summary in English]. V.N. Kozlovskii. Sov. med. 26 no.10 10-14 O '62.

Pathogenesis of dyslipoidemia in jaundice [with summary in English]. D.V. Staroselskii. Vop. med. khim. 8 no.1:23-27 Ja-F '62.

LIPIDOSIS

Combination of progressive lipodystrophy with a nephrotic syndrome. N.B.Belen'kaia. Zdrav Bel. 7 no.11:56-57 N '61.

LIPIDS

Changes in the blood lipid content in arteriosclerosis and hypertension during the process of treatment. A.A. Katamian, E.F. Manukian. Trudy Erev. med. inst. no.11: 211-215 '60.

LIPOPOLYSACCHARIDES—PHYSIOLOGICAL EFFECT

Protective action of phytolipopolysaccharides and VB-2 against the effects of radiation. V.A.Sondak and others. Dokl.AN SSSR 146 no.4:925-928 O '62.

LIPOPROTEINS

Changes in the protein fractions, lipo- and glycoproteins in the blood serum in epidemic hepatitis (Botkin's disease) [with summary in English]. N.A.Zaslavskaia. Trudy LSGMI no.69:21-30 '61.

Lipoproteins in the blood in experimental dithizone diabetes. R.S.Gol'dberg. Zdrav. Kazakh. 22 no.6:36-41 '62.

LIPS—ABNORMITIES AND DEFORMITIES

Residual deformities of the nose and upper lip after surgery for a unilateral congenital cleft. M.P.Oskolkova. Zdrav. Kazakh. 22 no.6:17-21 '62.

LIPS—TUMORS

Changes, similar to molluscum contagiosum, in the epidermis in keratoacanthoma and in some papillary neoplasms of the lower lip and skin [with summary in English]. M.F.Glazunov. Vop. onk. 8 no.6:46-55 '62.

LIQUID HELIUM

λ-Point of concentrated He^3 - He^4 solutions [with summary in English]. B.N.Esel'son, V.G.Ivantsov, A.D. Shvets. Zhur.eksp.i teor.fiz. 42 no.4:944-946 Ap '62.

LIQUID LEVEL INDICATORS

Automatic melt-level indicator. V.S.Lernei Izm tekh no 11 56-59 N '62

Electrode water level indicator housed in a protective pipe. P.F.Belikov, R.A.Rutman Sbor.trud.Inst. gor.dela AN URSR no.12 98-105 '61.

Remote measurement of a level in open tanks. P.A.Karakai, N.M.Sergienko. Masl.zhir.prom. 28 no 7, 40-41 Jl '62

LIQUID METALS

Conditions for the formation of aluminum nitride in liquid iron. V.I.Isaev, A.N Morozov. [Sbor.trud.] Nauch.-issl. inst met. no.4 12-18 '61.

Fluidity of ternary alloys in the system Pb - Sb - Sn V.A.Kogan, A.A.Seminov Lit.proizv. no 9 32-34 S '62

Generalization of experimental data on heat transfer in liquid metals P.L.Kirillov Atom.energ 13 no 5 481-484 N '62

Improved methods of fluidity determination S.P.Nesterov Lit.proizv. no 9 39-41 S '62

Investigation and evaluation of the corrosive action of liquid metals (survey). V.I.Nikitin. Zav.lab. 28 no.9:951-954 '62.

LIQUID METALS—OXYGEN CONTENT

Solubility of oxygen in iron-chromium melts IU.A. Danilovich, A.N Morozov. [Sbor.trud.] Nauch.-issl. inst met no.4 19-25 '61.

LIQUID NITROGEN

Causes of explosions occurring during the purification of hydrogen by liquid nitrogen B.D Mel'nik Khim prom no 9 625-630 S '62

LIQUIDS

Measuring the density of liquids by the method of differential areometry. N.A.Figurovskii. Zav.lab. 28 no.11:1340-1341 '62.

Present-day concepts of the liquid state of matter. E.I. Nesis. Fiz.v shkole 22 no.2:83-86 Mr-Ap '62

Surface shape of a liquid approaching weightlessness. V.V Shuleikin. Dokl AN SSSR 147 no.1:92-95 N '62.

LIQUIDS, KINETIC THEORY OF

The temperature factor in the kinetics of the extraction process of vegetable oils. V.V. Belchorodov, A.G. Neshchadim. Izv.vys.ucheb.zav.;pishch.tekh. no 4: 133-139 '62.

LISBON—PUBLISHERS AND PUBLISHING

Publishing activities of the "Empire Students' House" in Lisbon [with summary in English, p. 228] I.V Nekrasova Nar Az i Afr no 6 113-118 '62

LISTERIOSIS

Diseases of the brain in the chronic form of Listeria infection [with summary in French] A.S. Chistovich. Zhur.nevr i psikh. 62 no 6:880-885 '62

Role of Listeria infection in the etiology of endogenous uveitis [with summary in English]. V.M Cherednichenko. Vest oft. no.4 42-45 '62

LISTOV, PETR NIKOLAEVICH, 1902-

P.N.Listov; on his sixtieth birthday and the thirty-fifth anniversary of his industrial, theoretical and educational work. Sh.M.Aluker and others. Elektrichestvo no.11:94 N '62.

LITERATURE—BIBLIOGRAPHY see Bibliography—Literature

LITERATURE—HISTORY AND CRITICISM—BIBLIOGRAPHY see Bibliography—Literature—History and criticism

LITERATURE—STUDY AND TEACHING

Against scholasticism and formalism in the teaching of literature. E.A.Maimin. Vest.vys shkoly 20 no.11: 39-43 N '62.

LITERATURE, COMPARATIVE

"Interrelation and interaction of national literatures." Reviewed by V. Vavere, G. Matskov. Vop.lit. 6 no.8: 228-230 Ag '62.

LITERATURE AND COMMUNISM see Communism and literature

LITHIUM

Effective cross section of the photoionization of lithium ions [with summary in English]. V.A. Zhirnov. Zhur. eksp.i teor.fiz. 42 no.4:1037-1102 Ap '62.

LITHIUM FLUORIDE CRYSTALS

Strength of cleavage whiskers as a function of size. P.G. Strelkov, A.A. Shpunt. Fiz.tver.tela 4 no.8:2258-2261 Ag '62.

LITHIUM ORGANIC COMPOUNDS

Studies in the field of organolithium compounds. K.A. Kocheshkov. Probl.fiz.khim. no.1:156-163 '58.

LITHOSPERMUM see Gromwell

LITHUANIA—ARCHITECTURE—DESIGNS AND PLANS

Lithuania I Minkiavichius Arkhit SSSR no 9,39-41 '62

LITHUANIA—AUTOMOBILE RACING

Competitions bring experience. A.Kurdzikauskas Za rul' 20 no.11,7 N '62.

LITHUANIA—COMMUNIST PARTY OF THE SOVIET UNION

Vilna. Partijos istorijos institutas. [Leaflets of the Lithuanian Communist Party] Lietuvos Komunistu partijos atsisaukimai. Vilnius, Valstybine politines ir moksalines literaturos leidykla. [In Lithuanian]

Vol. 1 1918-1923. 1962 668 p.
Vol. 2 1924-1929. 1962 736 p.

LITHUANIA—DESCRIPTION AND TRAVEL

Mizara, R. [All about the native land] Apie tave, gimtoji zeme. Vilnius, Valstybine grozines literatures leidykla, 1962. 268 p. [In Lithuanian]

LITHUANIA—DICTIONARIES AND ENCYCLOPEDIAS

[Lithuanian encyclopedia] Lietuviu enciklopedija. Boston, Lietuviu enciklopedijos leidykla. [In Lithuanian]

Vol. 27. [Saule - Siauliai battle - Skapiskis] Saules - Siauliu kautynes - Skapiskis. 1962. 544 p.

LITHUANIA—FAMILY

Family life of collective farmers in Lithuania A.I. Visniauskaite. Trudy Inst.etn 77,7-61 '62

LITHUANIA—FISH, CANNED

New canned fish types made in the enterprises of the Lithuanian National Council. K.Koroleva, N.Ivan'ko Ryb.khoz. 38 no.5 60-65 '62

LITHUANIA—INTERIOR DECORATION

Design and production should be a unified creative process. L.Laurusas. Arkhit SSSR no.10:7-10 '62.

Effective promotion of modern interiors is needed. I.Gens. Arkhit.SSSR no.10,25-26 '62.

Great creative problem. G.Shemiakin. Arkhit.SSSR no 10:2-3 '62.

Remarks on interiors of public buildings in Lithuania. R.Begunis. Arkhit.SSSR no.10 27 '62.

LITHUANIA—POLITICS AND GOVERNMENT

Lithuanian S.S.R. Auksciausioji Taryba. [Meetings of the Fifth Supreme Soviet of the Lithuanian S.S.R., sixth session, June 26, 1961; verbatim report] Stenograficheskii otchet; shestaia sessiia Verkhovnogo Soveta Litovskoi SSR (piatogo sozyva) 26 iiunia 1961 g. Vil'nius, Gos. izd-vo polit. i nauchn. lit-ry Litovskoi SSSR, 1962. 121 p.

LITHUANIA—PUBLIC BUILDINGS

Remarks on interiors of public buildings in Lithuania. R.Begunis. Arkhit.SSSR no.10 27 '62.

LITHUANIA—REVOLUTION, 1917-1921

"How the workers of the Lithuanian-White Russian S.S.R. struggled against foreign intervention and internal counter-revolution, 1919-1920." Reviewed by M.V.Iskrov. Vop.ist.KPSS 6 no.6:187-191 '62.

LITHUANIA—RURAL CONDITIONS

Family life of collective farmers in Lithuania. A.I. Visniauskaite. Trudy Inst.etn 77;7-61 '62.

LITHUANIA—TELEPHONE DIRECTORIES

Lithuanian S.S.R. Susisiekimo ministerija. [Telephone directory of Vilnius, Kaunas, Klaipeda, Siauliai, Panevezys, Palanga and Druskininkai] Spisok abonentov telefonnykh setei; gor. gor.: Vil'nius, Kaunas, Klaipeda, Shiauliai, Panevezhis, Palanga, i Druskininkai, 1961. Vil'nius, Izd. Vilniusskoi gor. telefonnoi stantsii, 1961. 267 p.

[MICROFILM]

LITHUANIA—VOCATIONAL EDUCATION

More on contacts with graduates I.L.Gurdus Sred. spets.obr 9 no.8 41-43 Ag '62.

LITHUANIA—XEROGRAPHY

Sensitometric characteristics of the latent electrophotographic image on zinc oxide layers. E.A. Meskuotiene, I.Z. Plavina. Zhur. nauch.i prikl.fot.i kin. 7 no.5. 380-381 S-O '62.

LITTER (BEDDING)

Hygienic evaluation of the method of keeping poultry on deep litter in various types of poultry houses. A.A. Popov. Nauk.pratsi Ukr.nauk.-dosl.inst.ptakh. 9 no.1:80-82 '61.

LIUBUSHKIN, SERGEI

"What is dear to me", verse by Sergei Liubushkin Reviewed by K. Krasnov. Oktiabr' 38 no.6,220 Je '62.

LIVADIYA—GUIDEBOOKS

Kudriavtseva, N. I. [Livadiya and Oreanda] Livadiia - Oreanda; ocherk-putevoditel'. Simferopol', Krymizdat, 1962. 53 p.

LIVER

Age characteristics in the effect of cortisone on liver proteins [with summary in English] V. N. Nikitin, IU. A. Morev, O. I. Galavina. Biokhimiia 27 no. 4 675-678 Jl-Ag '62.

Character of the bile secreting function of the liver in fasting. A. A. Sarkisian, S. A. Khachatrian. Trudy Erev. med. inst. no. 11 77-80 '60.

Characteristics of the liver among inhabitants of a rural district in central Kazakhstan. T. Kh. Aitbaev. Trudy Inst. kraev. pat. AN Kazakh SSR 12 156-159 '62.

Chromatographic behavior of purified liver esterase in hydroxylapatite columns [with summary in English] S. A. Kibardin. Biokhimiia 27 no. 4 636-640 Jl-Ag '62.

Effect of aminazine on cholesterol synthesis in white rat liver in vivo and in vitro and on its acetylation capacity [with summary in English] I. A. Rykovskaia. Biokhimiia 27 no. 4 595-598 Jl-Ag '62.

Functional capacity of the liver and kidneys in rheumatism. N. S. Lebed', Zdrav. Bel. 8 no. 7 31-34 Jl '62.

Intrahepatic localization of the gallbladder. IA. M. Glasionov. Khirurgiia no. 12 116-117 '61.

Iron metabolism disorders in the livers of irradiated mice [with summary in English] G. V. Voskoboinikov. Vop. med. khim. 8 no. 1 17-20 Ja-F '62.

Liver function changes in rheumatic patients during prednisone and ACTH therapy. L. I. Goncharik. Zdrav. Bel. 8 no. 2 17-21 F '62.

Morphological state of the liver in tuberculosis and some lung diseases according to data from the Department of Pathological Anatomy of the Republic Clinical Hospital for 1958 to 1959. M. A. Chursina. Zdrav. Turk. 6 no. 2 13-17 Mr-Ap '62.

Quantitative change in the sulfhydryl groups in liver cell nucleoproteins of irradiated rats [with summary in English] E. M. Kedrova, Zh. A. Antokol'skaia, V. M. Rodionov. Biokhimiia 27 no. 4 685-688 Jl-Ag '62.

State of the liver in nephrosis. A. A. Aivazian. Trudy Erev. med. inst. no. 11 273-276 '60.

Study of the synthesis mechanism of the polyribonucleotide enzymatic system of animal tissues [with summary in English] N. V. Bogolavlenskaia, V. S. Tongur. Biokhimiia 27 no. 4 670-674 Jl-Ag '62.

Summary functional ability of the liver in evaluating the degree of the lesion in Botkin's disease [with summary in English] Z. D. Shvartsman. Trudy LSGMI no. 69: 31-38 '61.

LIVER—BIOPSY

Problems in the intravital cytological classification of liver cells from puncture biopsy. R. L. Paronian. Trudy Erev. med. inst. no. 11 87-89 '60.

LIVER—CIRRHOSIS

Amount of sulfhydryl compounds in separate fractions of serum proteins in patients with liver cirrhosis, cholecystitis, and nephritis [with summary in English] Vop. med. khim. 8 no. 1:53-58 Ja-F '62.

Basic problems in the clinical aspects of Botkin's disease and cirrhosis of the liver [with summary in English]. S. M. Ryss. Trudy LSGMI no. 69 7-20 '61.

Change in the alkaline phosphatase level in the blood under the influence of vitamin B_{12} and choline in liver cirrhosis [with summary in English] A. I. Pozdniakova. Trudy LSGMI no. 69 148-152 '61.

Change in the coagulation, anticoagulation and fibrinolytic systems of the blood in *chronic hepatitis* and cirrhosis of the liver [with summary in English]. IU. A. Sharova. Sov. med. 26 no. 7:47-53 Jl '62.

Change in the vitamin B_{12} level in the blood in epidemic hepatitis and liver cirrhosis [with summary in English]. V. I. Loiko. Trudy LSGMI no. 69 62-72 '61.

Characteristics of hemopoiesis in liver cirrhoses under hot climatic conditions. G. P. Alidzhanov, O. I. Andreeva. Zdrav. Tadzh. 9 no. 4:19-23 Jl-Ag '62.

Classification of liver cirrhoses [with summary in English]. V. G. Smagin. Trudy LSGMI no. 69 117-129 '61.

Clinical characteristics of liver cirrhoses developing as a *consequence* of epidemic hepatitis [with summary in English]. V. G. Smagin. Trudy LSGMI no. 69 102-116 '61.

Determining the functional state of the adrenal cortex in Botkin's disease and liver cirrhosis by the content of neutral 17-ketosteroids in the urine [with summary in English]. E. V. Krutskikh. Trudy LSGMI no. 69:52-61 '61.

Effect of some B group vitamins (B_{12} and choline) on the cholesterol *esterifying function* of the liver in liver cirrhosis [with summary in English]. L. S. Sharova. Trudy LSGMI no. 69:153-159 '61.

Indices of the blood coagulation process (fibrinogen, prothrombin, factor V and factor VII) in evaluating the functional state of the liver in Botkin's disease and *cirrhosis* [with summary in English]. I. V. Belova. Trudy LSGMI no. 69:45-51 '61.

Laennec's cirrhosis of the liver. A. T. Simonian, A. A. *Aivazian*. Trudy Erev. med. inst. no. 11:267-272 '60.

Polycythemia with liver cirrhosis. A. A. Binkun, N. G. Kolesnikova. Probl. gemat. i perel. krovi no. 11 53-55 '62.

LIVER—DISEASES

Activity of aspartic aminopherase in liver diseases [with summary in English] Z. G. Berkotovninaia. Trudy LSGMI no. 69 73-80 '61.

Cardiovascular changes in children in chronic diseases of the liver and gall bladder [with summary in English]. R. A. Kaliuzhnaia. Vop. okh. mat. i det. 7 no. 7:45-50 Jl '62.

Clinical manifestations of lambliogenic hepatocholecystitis according to materials from the *Hospital* Therapeutic Clinic for 1951-1959. A. T. Simonian, V. P. Bunatian, O. A. Nanagulian. Trudy Erev. med. inst. no. 11 261-265 '60.

D. I. Finko's reaction in the diagnosis of diseases of the liver, inflammation of the gall bladder and the biliary tract. V. B. Semenova. Trudy LSGMI no. 69 184-189 '61.

Dystrophy of the liver in Botkin's disease [with summary in English]. V. M. Sukharev. Sov. med. 26 no. 7:31-36 Jl '62.

Effect of vitamin B_{12} and choline on the phospholipids in the bile and its secretion in dogs with experimental liver dystrophy [with summary in English] Z. F. Denisenko. Trudy LSGMI no. 69 139-145 '61.

Immunoelectrophoretic study of the sera of Botkin's disease patients and of animals with an experimental liver lesion. P. R. Khashimova. Zdrav. Tadzh. 9 no. 4 51-54 Jl-Ag '62.

Significance of the fractional determination of bilirubin by the paper chromatography method in acute and chronic liver lesions [with summary in English]. Z. D. Shvartsman. Trudy LSGMI no. 69 31-44 '61.

Treatment of liver and gall bladder diseases at the Truskavets health resort using mineral water from the Nafiusia spring. N. F. Golosai. Vop. kur., fizioter. i lech. fiz. kul't. 27 no. 2 146-151 Mr-Ap '62.

LIVER—HYDATIDS

Late results of palliative resections of the liver in alveolar echinococcosis [with summary in English] I. L. Bregadze, G. A. Morgunov, IU. V. Kuznetsov. Vest. khir. no. 5:45-50 '62.

LIVER—RUPTURE

Two-phase rupture of the liver. V. V. Vorob'ev. Vest. khir. no. 5:104-105 '62.

LIVER—SURGERY

Late results of palliative resections of the liver in alveolar echinococcosis [with summary in English]. I. L. Bregadze, G. A. Morgunov, IU. V. Kuznetsov. Vest. khir. no. 5:45-50 '62.

LIVER—TUMORS

Hemangiomas of the liver and their treatment. V. S. Shapkin. Vest. khir. no. 6:76-82 '62.

Removal of a solitary liver adenoma of large dimensions. Z. S. Drozdova, I. A. Kontorovich. Vest. khir. no. 6:93 '62.

LIVER—WOUNDS AND INJURIES

Surgeon's tactics in closed traumas of the liver. I. A. Sichkaruk. Vest. khir. no. 6:40-44 '62.

Surgical treatment of closed injuries to the liver. A. S. Kasimtsev. Vest. khir. no. 5:102-104 '62.

LIVER EXTRACT

Formation of acetyl phosphate in animal liver homogenates. M. F. Gulyi, T. N. Pechenova, P. D. Dvornikova. *Dokl. AN SSSR* 146 no. 4:933-936 O '62.

LIZARDS see subdivision under Caucasus, Northern, Crimea, Tajikistan

LOADING AND UNLOADING

Production specialization of hoisting and transportation equipment. I. G. Podbel'skaia. Och. po sovr. sov. i zarub. ekon. no. 3:87-108 '62.

LOADING AND UNLOADING—EQUIPMENT *AND SUPPLIES*

Belt reloader. E. U. Zarubitskii. Ugol' Ukr. 6 no. 5: 38 My '62.

Grinevich, G. P. [Mechanization and automation of loading and unloading operations and warehouses in railroad *transportation*] Mekhanizatsiia i avtomatizatsiia pogruzochno-razgruzochnykh rabot i sklady na zheleznodorozhnom transporte. Moskva, Transzheldorizdat, 1962. 355 p.

Lepskii, A. V., and E. V. Erofeev. [Selecting the means of mechanization in the loading and unloading operations *for stations with small* and medium freight turnover] Vybor sredstv mekhanizatsii pogruzochno-razgruzochnykh rabot dlia stantsii *s malym i srednim* gruzooborotom. Moskva, Transzheldorizdat, 1962. 35 p.

Type MPU-1 rock loading machines. P. M. Shilov, M. I. Karpilenko. Ugol' Ukr. 6 no. 5:37-39 My '62.

Types of unloaders and pneumatic hoists planned for 1960-1965. Stroi. i dor. mash. 7 no. 10, 33-35 O '62.

LOAM SOILS see subdivision under Kuznetsk Basin

LOCAL ANESTHESIA

Effect of noradrenaline on the duration of local anesthesia [with summary in English]. A. S. Kucheruk. Biul. eksp. biol. i med. 51 no. 7:51-53 Jl '62.

Effect of serotonin and some indole derivatives on the local anesthetic activity of corcaine, novocaine, dicaine and suvcaine. A. S. Zaikharevskii. Zdrav. Bel. 8 no. 2 39-44 F '62.

Pharmacology of new synthetic local anesthetic substances. A. S. Kucheruk. Farm. i toks. 24 no. 6:708-713 N-D '61.

Single-stage bronchoscopy and bronchography under local anesthesia under dispensary conditions. M. A. Danilin. Vest. khir. 87 no. 11:114-115 N '61.

LOCAL TRANSIT—ABSTRACTS

[Automotive and city transportation] Ref. zhur.: Avt. i gor. transp. no. 12 D '62.

LOCKJAW see Tetanus

LOCOMOTION

Locomotion in primates as related to the development of the hand and the erect carriage in man. I. I. Danilova. Mat. z antr. Ukr. no. 2:21-36 '62.

LOCOMOTIVE ENGINEERS

Our beacon lights. I. I. Maksimenko. Elek. i tepl. tiaga 6 no. 10 1-2 O '62.

LOCOMOTIVE WORKS—HYGIENIC ASPECTS see subdivision under Kolomna

LOCOMOTIVES

Increasing the efficiency of the utilization of the locomotive fleet. *A. I Tishchenko. Zhel dor. transp.* 44 no. 11:50-54 N '62.

LOCOMOTIVES—TRANSMISSION DEVICES

Pressing problems of measurement techniques in gear-type traction transmission systems. IU. V. Ivanov. Elek. i tepl. tiaga 6 no. 10:4-5 O '62.

LOCOMOTIVES—VALVE-GEARS

Grinio, V. A., V. I. Kiylov, and A. K. Ozolin. [Engineer's valves] Krany mashinista. Izd. 2., dop. Moskva, Transzheldorizdat, 1962. 74 p.

LOCUSTS—EXTERMINATION

(see also subdivision under Iran)

Toxicity of chlorophos in the *control of locusts*. N. M. Gamper, N. S. Vladimirskaia. Zashch. rast. ot vred. i bol. 7 no. 5, 36 My '62.

LODOCHNIKOV, VLADIMIR NIKITICH, 1887-1943

V. N. Lodochnikov's scientific legacy in the light of some current studies, on the 75th anniversary of his birth. S. P. Solov'ev. Zap. Vses. min. ob-va 91 no. 5:582-585 '62.

LOESS

(see also subdivision under Uzbekistan)

Methods of determining the seepage factor of loessaltic soils. L. G. Malikova. Vest. Mosk. un. Ser. 4, Geol. 17 no. 5:60-67 S-O '62.

Study of the structure and sagging of certain Roumanian loesses following wetting [with summary in English] S. Andrei, Ch. Kulitse, R. Sbenge. Inzh.-fiz. zhur. 5 no. 8:53-61 Ag '62.

Subsidence properties of subsurface loess soils [with summary in English]. A. A. Musnokhin. Trudy Inst. seism. stroit. i seismo. 2:153-161 '61.

LOGARITHMS

Russia (1923- U.S.S.R.) Glavnoe upravlenie geodezii i kartografii. [Five-place tables of the *natural values* of trigonometric quantities, their logarithms, and logarithms of integers] Piatiznachnye tablitsy *natural'nykh* znachenii trigonometricheskikh velichin, ikh logarifmov i logarifmov chisel. 4. izd. Moskva, Izd-vo geodez. lit-ry, 1962. 170 p.

LOGBOOKS

Averbakh, N. V., and IU. K. Baranov. [Determining the maneuvering properties of a seagoing vessel and *log corrections*] Opredelenie manevrennykh elementov morskogo sudna i popravki laga. Leningrad, Izd-vo "Morskoi transport," 1962. 75 p. (Biblioteka sudovoditelia)

[MICROFILM]

LOGGING (GEOLOGY)

(see also subdivision under Belozerka region; Krivoy Rog Basin)

Lateriog-S-2-Gr [illegible] charts. L. A. Sigal. Razved. i prom. geofiz. no. 45:105-108 '62.

LOGGING (GEOLOGY)—EQUIPMENT AND SUPPLIES

Electronic calculator of the propagation velocity interval of elastic vibrations for an acoustical logging device. I. A. Nazarov and others. Geofiz. prib. no. 9: 46-64 '61.

LOMONOSOV, MIKHAIL VASIL'EVICH, 1711-1765

M. V. Lomonosov and biophysics. IU. N. Poliansktl. Biofizika 7 no. 4:493-500 '62.

M. V. Lomonosov and public health. Z. K. Mogilevchik, E. I. Shishko. Zdrav. Bel. 7 no. 11:58-59 N '61.

pioneer in natural science in Russia. Zdrav Bel 7 no 11 59-61 N '61

...Lomonosov's scientific works in ...e of the 18th and 19th centuries" N. N Ushakova. Reviewed by S IA ... 51 no 11 10 N '62

ANNING
...V Ikonnikov. Stroi f nikhit. Ien. ... '61

device for weft bobbins. I.E. Bogdanov ...oiev. 16 no.10 27-30 O '62.

...cy of the use of the newest loom types ...try A N Vasiliev Tekst prom ... '62

...increasing loom speeds (to be continu- ...kov. Izv vys. ucheb. zav., tekh tekst ... 85 '62

...holder for the SL-149-ShL warper ...tekst prom 22 no 11 16 N '62

...of dynamics of the variable mass for ...force of inertia of the loom batten ...odzhaev Shor. nauch.-issl rab 1 Fl ... 61.

...ed world I Akimushkin. Sov shakht. ... '62.

[Discussions of newlyweds on love and ...ity molodozhenov o liubvi i brake. "Znanie," 1962. 30 p (Novoe v zhiz- ...ke. X Serlia: Molodezhnaia, no 21)

IRE RESEARCH
...le II near the λ-point using the second ...E. L. Andronikashvili, D S TSakadze, Zhur. eksp i teor fiz 13 no 1 1562-

IRES
...mperature dependence of the electric ...romagnetic metals at low temperatures ...in English]. E. E. Semenenko, A. I. ...r. eksp. i teor. fiz 42 no 4:1022-1026

A VALLEY—GEOLOGY, STRATI-
...e Koryunchana series in the lower part ...nguska Basin. V. P Belozerov, G N ...uly VAGT no 6 21-42 '62

A VALLEY—GEOLOGY, STRUCTURAL
...ovements in the upper part of the ...Valley M I Plotnikova Inform. shor ...103-111 '62.

SANDR ALEKSANDROVICH, 1868-1961
...fessor Aleksandr Aleksandrovich ...ary. S. M. Petelin and others. Vop. ...tech. fiz. kul't. 27 no. 2 188-189

...e Chou, Shu-Jên, 1881-1936

...D—MORAINES
...nents in the Lubana Lowland [in Latvian ... in English and Russian]. M. Kinkle, ...ellc. Izv AN Latv. SSR no 4:77-85 '62

D LUBRICANTS
...refraction of oil in the 4DV224 100 h p ...r elimination Ryb khoz 38 no. 5

...ency of lubricants with a reduced wear ...rin. Rech. transp 21 no. 11.53-54

...ating the oxidability of greases. V.V. ...ers. Zav. lab. 28 no.11:1352-1354

...L SERVICES
...a city named Luga. N. Alekseenko, ... 12 no.11:7 N '62.

ICE—BUILDING LAWS
...ects" is the order of the inspection. ...v. shakht. 11 no.11:31 N '62.

ICE—COAL MINES AND MINING
...in the reorganization of the coal mines ...uk Economic Council. P.S. Romenskii, ... 5:8-11 S-O '62.
...ve. N. M. Khudoseutsev. Bezop. trudа ...8:1-2 Ja '62.

ICE—CONSTRUCTION INDUSTRY—
...ction and assembly work costs in the ...trol" Combine. I. Shulepov. Ekon. ...1-42 N '62.

LUBANA PROVINCE—FORESTS
Effect of the "FU" growth promoter on the yield and ripening of tomatoes grown without transplantation and irrigation I I Cherniukhina Vissel'khozn nauk 5 no 5 102-104 My '62

LUMBER—STANDARDS
Russia (1923- U.S.S.R.) Ministerstvo lesnoi promyshlennosti [Tables for calculating the standards of boards and deal ends in British units of length] Tablitsy dlia vychisleniia standartov dosok i dilen angliiskoi mery. Leningrad, TSentr. biuro tekhn. informatsii, 1960 221 p.
[MICROFILM]

LUMBER—TRANSPORTATION
(see also subdivision under Komi A.S.S.R.)
Il'in, B.A. [Land transportation of timber] Sukhoputnyi transport lesa; uchebnoe posobie dlia studentov lesokhoziaistvennogo fakul'teta. Leningrad, Vses. zaochnyi lesotekhn. in-t, 1961. 210 p.

LUMBERING
(see also subdivision under Altai Mountains, Sverdlovsk Province)
Budyka, S.Kh., and A.F. Tikhonov. [Manual on the timber industry] Lesopromyshlennyi spravochnik. Minsk, Izd-vo Akad. nauk BSSR, 1962 711 p. (DNAL)
Leyachev, V.V. [Methods of designing lumbering enterprises] Metody proektirovaniia lesozagotovitel'nykh predpriiatii Moskva, Goslesbumizdat, 1960 91 p. fold. plans.
(CU)
Sirotov, I.I., V.I. Sirotov, and F.N. Maslenkov. [Forest exploitation] Lesoekspluatatsiia. Moskva, Goslesbumizdat, 1962. 359 p.
(DNAL)
Stogov, B.N., I.I. Sirotov, and I.N. Maslenkov. [Technology, mechanization, and planning of the landings of lumbering enterprises] Tekhnologiia, mekhanizatsiia i proektirovanie nizhnikh skladov lesozagotovitel'nykh predpriiatii. Moskva, Goslesbumizdat, 1962. 314 p.

LUMBERING—MACHINERY
Mechanization of dressing full-length logs. G.S. Zavgorodnii, O.V. Gokibov. Mekh. i avtom. proiz. 16 no.10:18-21 O '62.

LUMINESCENCE
Applicability of the Condon approximation to the luminescent centers. G.S. Zavt, N.N. Kristofel' Opt i spektr 13 no 2 229-234 Ag '62.
Chemiluminescent catalytic reaction in the system luminol - copper - hydrogen peroxide. Part 3: Photoelectric method of studying the effect of pH and ammonia concentration. A.I. Babko, N.M. Lukovskaia Ukr. khim. zhur. 28 no 8 968-972 '62
Kinetics of the luminescence of chromium luminophors. Part 3. Section 1. Luminescence spectra and relaxation spectra, effect of chromium concentration and thickness. N.A. Tolstoi, I-tu Shun'-fu [I-tu Shun-fu], M.E. Lapidus Opt i spektr 14 no 2 212-219 Ag '62
Luminescence lifetime in processes of triboluminescence and crystal luminescence. L.M. Bellaev, V.V. Nabatov, Yu.N. Martyshev. Kristallografiia 7 no 4:575-580 Jl-Ag '62

LUMINESCENT SUBSTANCES
Dependence of the radioluminescence yield on the energy of particles I.M. Rozman. Opt i spektr 13 no 2 287-288 Ag '62
Kinetics of the luminescence of divalent samarium in single crystals of strontium and barium fluorides. P.P. Feofilov, M.N. Tolstoi Opt i spektr 13 no 2 294-296 Ag '62

LUNGS—CANCER
Diagnosis and surgical treatment of sarcoma of the lung [with summary in English]. B.A. Korolev, I.B. Dymnik Vest. khir. no. 5 3-10 '62.
Evaluation of various diagnostic methods in primary pulmonary cancer [with summary in English] O.S. Shkroh, V.S. Pomelov. Khirurgiia no. 1 64-71 '62
Model of experimental lung cancer induced by the intratracheal administration of radioactive cerium [with summary in English]. N.N. Kurshakova, A.E. Ivanov. Biul. eksp. biol. i med. 54 no. 7:79-83 Jl '62.
Significance of azygography in solving the problem of the operability of cancer of the lungs and esophagus. A.A. Chervinskii, Z.F. Selivanova, S.Z. Fradkin Vest. khir. no. 6:30-36 '62.
Significance of pneumomediastinography in the examination of patients with pulmonary cancer L.A. Levina-Gurevich Khirurgiia no. 1 73-76 '62.

LUNGS—COLLAPSE
Collapse therapy in pulmonary tuberculosis in old age. A.L. Brodskii, E.I. TSimmerinov Sov. med. 26 no.10 105-106 O '62.
Pulmonary atelectasis in a child during a seizure of bronchial asthma. N.A. Tiurin, V.I. Kurtasheva. Vop. okh. mat. i det. 7 no.7:76-78 Jl '62.
Technic of extra-musculo-periosteal plombage of the thoracic cavity. A.G. Gubanov, A.B. Novitskii. Khirurgiia no 1.83-88 '62.

Characteristics of radical surgical treatment of purulent diseases of the lungs in children. A.P. Kurlukina Vest. khir. no 5 22-26 '62
Diagnosis of pulmonary suppurations under polyclinical conditions [with summary in English] B.P. Fedorov. Khirurgiia no 1 115-119 '62.
Experimental dystrophy of the lungs [with summary in English]. I.S. Rozovskaia, M.M. Kholodenko. Biul. eksp. biol. i med. 54 no 7 30-33 Jl '62
Lateral infection induced by the Sendai para-influenza virus in laboratory animals. Report No. 3. Histopathological changes in the lungs in lateral infection [with summary in English] Khou Yun-tieh], N.A. Mal'shinovich Vop. virus. 7 no 5 563-567 S-O '62
Postoperative lung complications in acute intestinal obstruction [with summary in English] A.G. Ishkhanov Sov. med. 26 no. 8 56-60 Je '62.

LUNGS—DUST DISEASES
Combination of rheumatoid arthritis with silicosis (Felty-Caplan syndrome) V.V. Orzheshkovskii, L.A. Petina. Sov. med. 26 no. 8 126-127 Je '62.

LUNGS—FOREIGN BODIES
Operation in diaphragmatic hernia and foreign body of the lung D.G. Veller Vest. khir. 87 no. 11:11-14 N '61

LUNGS—INNERVATION
Morphological changes in the extra- and intramural neural apparatus of the lungs in hypertension [with summary in English] Iu.I. Butov. Vrach. delo no 8 12-18 Ag '62

LUNGS—RADIOGRAPHY
Selective angio-pneumonography as a functional diagnostic method in surgery for pulmonary tuberculosis [with summary in English] M.Z. Upiter Khirurgiia no. 1. 88-93 '62

LUNGS—SURGERY
(see also subdivision under Kulyab)
Characteristics of radical surgical treatment of purulent diseases of the lungs in children. A.I. Kurlukina Vest. khir. no. 5:22-26 '62.
Levin, G.S. [Surgical treatment of pulmonary tuberculosis, an aid for the practicing physician] Operativnoe lechenie legochnykh tuberkulezom legkikh, v pomoshch' prakticheskomu vrachu 2 perer. i dop. izd. Minsk, Gos. izd-vo BSSR, Red. nauchno-tekhn. lit-ry, 1962. 274 p.
(DNLM)
Preoperative preparation and postoperative care of patients in pulmonary resection for bilateral pulmonary lesions I.A. Mel'nik Khirurgiia no 1.110-111 '62.
Pulmonary resection in patients with tuberculosis and bronchial asthma. V.S. Severov, B.S. Kibrik Khirurgiia no 1 107-109 '62
Resection of the lung in tuberculosis, according to data from a hospital for disabled World War II veterans I.L. Druian Zdrav Bel 8 no 2 13-15 F '62
Some problems in managing the postoperative period following resection of the lungs for tuberculosis. Zdrav. Kazakh. 22 no. 6:13-17 '62.
Stump and alveolar bronchopleural fistulae following partial resection of the lung [with summary in English] V.A. Bykova, V.M. Sergeev, K.B. Krymova Vest. khir. no 5 19-22 '62
Treatment of complications following prosthetic filling of the residual pleural cavity with polyurethane sponge [with summary in English] V.M. Sergeev and others. Khirurgiia no 1 77-83 '62
Use of polyurethane sponge in pulmonary surgery. V.P. Kazmin. Khirurgiia no. 12 69-72 '61

LUNGS—TUMORS
Averbakh, M.M. [Tuberculomas of the lung, their clinical anatomical analysis, pathological anatomy, pathogenesis and classification according to resection materials] Tuberkulomy legkogo, kliniko-anatomicheskii analiz, patologicheskaia anatomiia, patogenez i klassifikatsiia po materialam rezektsii. Moskva, Medgiz, 1962. 341 p.
(DNLM)
Pulmonary reticulocytoma A.P. Ponshina. Khirurgiia no. 1:135-136 '62
Soft pulmonary fibroma N.A. Sofinskii Khirurgiia no. 1 134-135 '62

LUPINE see subdivision under Mordovia; Ukraine; Ukraine, Western

LUPUS ERYTHEMATOSUS
"Lupus erythematosus" by V.IA. Arutiunov Reviewed by V.I. Sukharev. Sov. med. 26 no 10:154-156 O '62.

LUTETIUM—ISOTOPES
Separation of radioactive isotopes of the rare earth elements on a mercury cathode. Part I. Separation of Y, Yb, and Lu. V.P. Shvedov, Fu I-bei [Fu I-pei]. Radiokhimiia 4 no. 4 451 '62.

LUXEMBOURG—COMMUNIST PARTY—CONGRESSES

Parti Communist Luxembourgeois. [Sixteenth Congress of the Communist Party of Luxembourg, Differdange, December 24-25, 1960] Shestnadtsatyi s"ezd Kommunisticheskoi partii Liuksemburga, g Differdanzh, 24-25 dekabria 1960 g Moskva, Gospolitizdat, 1961. 69 p.
(CStmoR)

LVOV—DRUG INDUSTRY

Panevin, V. S., and M. M. Poltul'nyts'kyi. [Standard bearers of communist labor] Praporonostsi komunistychnoi pratsi. [L'viv] L'vivs'ke knyzhkovo-zhurnal'ne vyd-vo, 1961. 53 p. (Rishennia XXII s'izdu KPRS - v dilu)

LVOV—GUIDEBOOKS

Pashuk, A. L., and I. S. Derkach. [Lvov, concise illustrated guidebook] L'viv, korotkyi illustrovannyi putivnyk [L'viv] Knyzhkovo-zhurnal'ne vyd-vo, 1962. 157 p.

LVOV—LABOR AND LABORING CLASSES

Ukraine. Arkhivnoe upravlenie. [Condition of Lvov workers, 1917-1939] Stanovyshche trudiashchykh L'vova, 1917-1939, dokumenty ta materialy. L'viv, Knyzhkovo-zhurnal'ne vyd-vo, 1961. 443 p.

LVOV—RESEARCH, INDUSTRIAL

[Contribution of Lvov scientists to industry] Vchent L'vova - vyrobnytstvu. L'viv, Knyzhkovo-zhurnal'ne vyd-vo, 1960. 70 p.

LVOV—RESTAURANTS, LUNCHROOMS, ETC.—EQUIPMENT AND SUPPLIES

Machine for cutting vegetables. I. Prusenko, M. Ganzhumov. Obshchestv. pit. no. 10 34-35 O '62.

LVOV—SHOE INDUSTRY

Soviet firms. I. Branitur. Agitator no. 21-23-26 N '62.

LVOV ECONOMIC REGION—INDUSTRIAL MANAGEMENT

Soviet firms represent a new form of industrial management. I. Ivonin. Plan khoz. 39 no. 11 17-26 N '62.

LVOV ECONOMIC REGION—INDUSTRIAL ORGANIZATION

Soviet firms as a form of the management of Soviet industry. F. F. Kovalenko, A. N. Savitskaia. Sov. gos. i pravo. 32 no. 11 49-56 N '62.

LVOV PROVINCE—COMMUNIST PARTY OF THE SOVIET UNION

[The party organization of Lvov Province] L'vivs'ka oblasna partiina organizatsiia, korotkyi narys. L'viv, Knyzhkovo-zhurnal'ne vyd-vo, 1961. 361 p.

LVOV PROVINCE—CULTURE

[Two worlds, two cultures] Dva svity - dvi kul'tury. L'viv, Knyzhkovo-zhurnal'ne vyd-vo, 1962. 190 p. (Na dopomohu propagandistam i agitatoram)

LVOV PROVINCE—INDUSTRIAL MANAGEMENT

Review the norms for reaching planned production capacity. M. Meleshkin. Plan khoz. 39 no. 11 36-42 N '62.

LVOV PROVINCE—POLITICS AND GOVERNMENT

How to transfer the functions of local governmental agencies to public-service organizations. K. Fedoniuk. Rad. pravo no. 6 34-41 N-D '62.

LVOV PROVINCE—PUBLIC PROSECUTORS

How we supervise the observance of transportation laws. A. Pronin. Rad. pravo no. 6-67-69 N-D '62.

LVOV PROVINCE—TETANUS

Possibility of evacuating tetanus patients. G. A. Ivashkevich. Klin. khir. no. 8 12-13 Jl '62.

LVOV PROVINCE—VIEWS

Suslova's'kyi, O., and S. Rudyk, eds. [The spring of communism] Vesna kommunizmu [al'bom]. [L'viv] L'vivs'ke knyzhkovo-zhurnal'ne vyd-vo, 1961. 141 p.

LVOV-VOLYN' BASIN—COAL GASIFICATION, UNDERGROUND

Experience in conducting the combined connection linking at the "Podzemgaz" Plant in Shatsk. A. D. Reznikov and others. Nauch. trudy VNIIPodzemgaza no. 6;86-95 '62.

LVOV-VOLYN' BASIN—COAL MINES AND MINING

Around-the-clock consolidated brigades in the mines of the "Novovolynskugol'" Trust. G. P. D'iachenko. Ugol' prom. no. 5;19-21 S-O '62.

LYMPH

Lymph circulation in thrombophlebitis [with summary in English]. T. F. Terpigor'eva. Sov. med. 26 no. 7; 58-62 Jl '62.

LYMPHATICS—CANCER

Surgical treatment of malignant tumors of the thyroid gland with metastases into the cervical lymph nodes. E. Angelescu and others. Probl. endok. i gorm. 8 no. 4;83-90 Jl-Ag '62.

LYMPHATICS—DISEASES

Chepeleva, M. A. [Pathology of the lymph nodes, a clinical morphological study] Patologiia limfaticheskikh uzlov; kliniko-morfologicheskoe issledovanie. Kiev, Gosmedizdat USSR, 1962. 318 p.
(DNLM)

LYMPHOCYTES

Some new data on the lymphocytic system, a survey of the literature. V. M. Pedanova. Vop. okh. mat. i det. 7 no. 7 61-64 Jl '62.

LYMPHOID TISSUE

Lymphoid tissue and immunogenesis. Vop. virus. 7 no. 5;629-630 S-O '62.

MACARONI

(see also subdivision under Irkutsk)

Modernized LPL-1M macaroni press operating under vacuum. R. P. Tikhomirova. Khleb. i kond. prom. 6 no. 11 42-44 N '62.

MACHINE ACCOUNTING

Accounting for wages in construction using keyboard calculating machines. A. Goldiakin. Bukhg. uchet 19 no. 10 45-48 O '62.

The future belongs to machine accounting. L. S. Zernov. Uchet i fin. v kolkhoz. i sovkhoz. 19 no. 7 13-16 Jl '62.

In the Ministry of Agriculture of the R. S. F. S. R. [U. V. Vasil'ev. Uchet i fin. v kolkhoz. i sovkhoz. 19 no. 11; 61-62 N '62.

Mechanized accounting. M. Zuev. Sov. potreb. koop. 6 no. 10 48-49 O '62.

Urgent tasks of accounting mechanization. S. P. Kutsenko. Uchet i fin. v kolkhoz. i sovkhoz. 19 no. 11;5-9 N '62.

MACHINE MOLDING (FOUNDING)

Effect of a paying load on the performance of jolting mechanisms on molding machines. I. A. Gerasimov, L. A. Izrailevich. Lit. proizv. no. 8;17-20 Ag '62.

MACHINE-SHOP PRACTICE

Novikov, M. P. [Fundamentals of technological processes for the assembly of machinery and mechanisms] Osnovy tekhnologii sborki mashin i mekhanizmov. Izd. 3., perer. i dop. Moskva, Mashgiz, 1962. 651 p.

Russia (1917- R. S. F. S. R.) Moskovskii gorodskoi ekonomicheskii administrativnyi raion. Sovet narodnogo khoziaistva. [Universal means for the mechanization of fitting and assembling operations] Universal'nye sredstva mekhanizatsii slesarnykh i slesarno-sborochnykh rabot. Moskva, Otdel tekhn. informatsii, 1962. 132 p.

Stand for assembling ZIL motor truck chassis. V. Dudnikov. Avt. transp. 40 no. 10;32-33 O '62.

MACHINE-SHOP PRACTICE—BIBLIOGRAPHY see Bibliography—Machine-shop practice

MACHINE-TOOL INDUSTRY

(see also subdivision under Polotsk)

Development of the Soviet machine-tool industry. Stan. i instr. 33 no. 11;1-2 N '62.

MACHINE TOOLS

Erpsher, Iu. B. [Reliability and structure of automatic machine-tool systems] Nadezhnost' i struktura avtomaticheskikh stanochnyk sistem. Moskva, Mashgiz, 1962. 140 p.

Poltoratskii, N. G. [Manual for machine-tool receivers] Spravochnik priemshchika stankov. Izd. 3., perer. Pod red. N. S. Acheikana. Moskva, Vneshtorgizdat, 1962. 740 p.

Selecting the type of equipment for automatic lines for machining bodies of revolution. M. M. Breitman. Mekh. i avtom. proizv. 16 no. 10;1-3 O '62.

Zuzanov, G. I. [Survey of the foreign machine-tool industry] Obzor zarubezhnogo stankostroeniia. Pod red. A. P. Vladzievskogo. Moskva, TSINTIMASh, 1962. 160 p. (Seriia III: Metallorezhushchie stanki i instrument)

MACHINE TOOLS—ATTACHMENTS

Bolotin, Kh. L. [Mechanization and automation of machine tool attachments] Mekhanizatsiia i avtomatizatsiia stanochnykh prisposobleni. Moskva, Mashgiz, 1962. 285 p.

MACHINE TOOLS—BIBLIOGRAPHY see Bibliography—Machine tools

MACHINE TOOLS—DESIGN

Using the theory of similitude in designing machine tools with uniform feeds. B. G. Lur'e. Stan. i instr. 33 no. 11;11-14 N '62.

MACHINE TOOLS—SAFETY APPLIANCES

Film materials for expansion bellows-type guards. E. A. Annenberg, E. A. Majorova, I. M. Sokhor. Stan. i instr. 33 no. 11;35-38 N '62.

MACHINERY

Bondarovskii, F. P., and G. V. Kornoev. [Machine parts and hoisting and conveying machinery] Detali mashin i pod"emno-transportnye mashiny. Izd. 2., perer. i dop. Moskva, Mashgiz, 1962. 551 p.

Komarov, M. S. [Loads of industrial machinery] Nagruzki pri ekspluatatsii mashin. Moskva, Mashgiz, 1962. 80 p. (Nauchno-populiarnaia biblioteka molodogo rabochego)
[MICROFILM]

New instruments and machines. Mekh. i avtom. proizv. 16 no. 10 33-35 O '62.

MACHINERY—CONSTRUCTION

Cycloidal formation of curves. B. P. Shilgalis. Nauch.-issl. trab. TPI no. 12;251-257 '61.

Development of standard specifications for standard parts of machinery and devices and for [illegible] technical fitting out. Biul. stroi. tekhn. 19 [illegible] My '62.

[Machinery manufacture] Ref. zhur.: Mashinostr. nos. 22-23 N-D '62.

Power of the drive of vegetable cutting machines. M. Morozov. Izv. vys. ucheb. zav. pishch. tekhn. [illegible] 120 '62.

MACHINERY—DESIGN

Ryzhov, E. V. [Fundamentals of the design of parts [joint surfaces for contact rigidity] Osnovy rascheta na stykovykh poverkhnostei detalei mashin na [illegible] miu zhestkost'. Moskva, Mashgiz, 1962. 142 p.
[MICROFILM]

With their own hands. N. I. Kapustin. Sred. sp. [illegible] 9 no. 10;65-66 O '62.

MACHINERY—INSPECTION

Public inspection of industrial equipment. [illegible] Agitator no. 21;32-34 N '62.

MACHINERY—MAINTENANCE AND REPAIR

Correlation method for detecting damages [with summaries in English, German, and French]. D. N. [illegible] V. A. Zinanovskii. Vest. mel'khoz. nauki 7 no. 3 [illegible] 123 S '62.

Periodic regulation of the running of machines. [illegible] Gulbak. Trudy Stavr. sel'khoz. inst. no. 9 [illegible] 345

Shadrichev, V. A. [Modern methods for the restoring of worn-out machine parts] Sovremennye sposoby vosstanovlenia iznoshennykh detalei mashin, kratkaia programma lektsii. Leningrad, 1962. 34 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Seriia: Mekhanicheskaia obrabotka metallov)

MACHINERY, KINEMATICS OF

Classification of mechanisms without common links for all links. M. N. Pleanov. Trudy GPI 15 [illegible] 31 '61 [i.e. 1959].

Verbovskii, G. G. [Theory of mechanisms and machines] Teoriia mekhanizmov i mashin, kratkii kurs. Pod red. Izd-vo Khar'kovskogo univ., 1961. 243 p.

MACHINERY INDUSTRY

(see also subdivision under Alma-Ata; Bekabad; Chimkent; Kazakhstan; Kharkov; Kuibyshev, Mirek Ural Mountain region)

Automation of scheduling operations in serial [illegible] and instrument manufacture. B. L. Gurfinkel', [illegible] Meitzhes. Mekh. i avtom. proizv. 16 no. 10 44-47 O '62.

Glazov, G. A., ed. [Overall mechanization and [illegible] tion of the serial production of machinery] Kompleksnaia mekhanizatsiia i avtomatizatsiia v serilinom [illegible] nostroenii. Moskva, Mashgiz, 1962. 174 p.

Improvement of engineering efficiency of machine tools as an important potentiality of the machinery industry. A. S. Davydovskii. Vest. mashinostr. 42 no. 11 [illegible] N '62.

Introduction of new machinery design and technological developments in industry. K. K. Vinogradov. Vest. mashinostr. 42 no. 11;3-9 N '62.

Technical and economic basis of an enterprise's [illegible] A. Zasukhin, A. Pokrovskaia, G. Titova. Plan khoz. 38 no. 11 68-72 N '62.

MACHINERY INDUSTRY—ACCOUNTING

Automatic accounting in machinery plants. [illegible] tsev. Mekh. i avtom. proizv. 16 no. 10 41-43 O '62.

Using punched card machines for compiling statistical calculations. V. Lieberman. Bukhg. uchet 19 [illegible] 48-52 O '62.

MACHINERY INDUSTRY—PRODUCTION STANDARDS

Degree of mechanization and automation and the [illegible] of productivity in the machinery industry. [illegible] Vest. mashinostr. 42 no. 11;72-76 N '62.

Using mathematical (correlation) methods in planning effective operation of machinery plants. F. G. [illegible] man, V. P. Khaikin. Vest. mashinostr. 42 no. 11 [illegible] 72 N '62.

MACHINERY INDUSTRY—TECHNOLOGICAL INNOVATIONS

(see also subdivision under Kokchetav)

Dorofeev, I. S. [Modernization of industrial equipment, practice in improving the design of machine tools, bridge cranes and other equipment of the Kuibyshev Plant] Modernizatsiia zavodskogo oborudovaniia, iz opyta raboty po usovershenstvovaniiu konstruktsii metallorezhushchikh stankov, mostovykh kranov i drugogo oborudovaniia zavoda imeni Kuibysheva. [Irkutsk] Irkutskoe knizhnoe izd-vo, 1962. 38 p.

MACHINERY INDUSTRY — TECHNOLOGICAL INNOVATIONS (Continued)

Kolesnikov, V. P., N. V. Kubarev, and B. I. Avdeev. [Advanced technological processes in the machinery industry] Progressivnye tekhnologicheskie protsessy v mashinostroenii. [Kaliningrad] Kaliningradskoe knizhnoe izd-vo, 1962. 110 p. (Peredovoe - v proizvodstvo)

[MICROFILM]

MAFIA

An unbelievable end to an unbelievable story. I Sychev. Nauka i zhizn' 4 no. 10 37-39 O '62

MAGNESIA

Second electron emission from magnesium oxide. F. L. Borisov. Fiz. tver. tela 4 no. 8:2253-2257 Ag '62.

MAGNESITE see subdivision under Kurchum region

MAGNESIUM see subdivision under Gazimur Valley, Shilka Valley

MAGNESIUM—ISOTOPES

Elastic proton scattering by Mg^{25} and Mg^{26} nuclei Izv. AN SSSR. Ser. fiz., 26 no. 8 1074-1079 Ag '62

MAGNESIUM—METALLURGY

Concerning V. M. Chel'tsov and I. D. TSaregorodtsev's article "Vacuum furnaces for the silicothermal method of obtaining magnesium." O. V. Desiatnikov and others. TSvet. met. 35 no. 7, 02 Jl '62.

MAGNESIUM ALLOYS—METALLOGRAPHY

Effect of manganese, aluminum, and calcium on the kinetics of magnesium recrystallization M. P. Brits and others. Metalloved. i term. obr. met. no. 11 28-31 N '62.

MAGNESIUM-ALUMINUM ALLOYS see Aluminum-magnesium alloys

MAGNESIUM FOUNDING

Design of gating systems for making castings of magnesium alloys V. D. Topolov. Lit. proizv. no. 9 9 S '62

MAGNESIUM-NEODYMIUM ALLOYS—TESTING

Effect of certain elements on the mechanical properties of magnesium-neodymium alloys M. E. Drits, Z. A. Sviderskaia, L. L. Rokhlin. Izv. vys. ucheb. zav. tsvet. met. 5 no. 3 117-121 '62.

MAGNESIUM ORGANIC COMPOUNDS

Bicyclic systems on the basis of 2,6-lutidine. Part 7: Interaction of alkyl (aryl) magnesium halides with benzylimide of N-methyldipipecolic acid. E. S. Nikitskaia, V. S. Usovskaia, M. V. Rubtsov. Zhur. ob. khim. 32 no. 11 3687-3693 N '62.

Polymerization of diene hydrocarbons under the influence of organomagnesium compounds [with summary in English] B. A. Dolgoplosk and others. Vysokom. soed. 4 no. 9 1333-1337 S '62

Preparation of alkyl magnesium halides from primary alkyl halides and magnesium in a hydrocarbon medium. L. I. Zakharkin, O. Iu. Okhlobystin, B. N. Strunin. Dokl. AN SSSR 147 no. 1:105-110 N '62.

MAGNESIUM SULFATE—PHYSIOLOGICAL EFFECT

Mechanism of the action of magnesium sulfate. S. A. Mirzoian, T. G. Movsesian. Trudy Erev. med. inst. no. 11 31-40 '60.

MAGNESIUM TUNGSTATE CRYSTALS

Paramagnetic resonance of a trivalent chromium ion in the crystal lattice of magnesium tungstate [with summary in English]. V. A. Atsarkin and others. Zhur. eksp. i teor. fiz. 43 no. 4:1272-1280 O '62.

MAGNETIC CIRCUITS

Calculation of the magnetic circuits of electrical machines with two rotating fields. M. S. Mikhailov-Mikulinskii. Izv. vys. ucheb. zav. elektromekh. 5 no. 10: 1115-1131 '62.

MAGNETIC CIRCUITS—MODELS

Use of powder metallurgy techniques for modeling permanent magnets. N. V. Bulgakov, A. G. Kozlova, Iu. S. Sakstunov. Vest. elektroprom. 33 no. 7:69-71 Jl '62.

MAGNETIC FIELDS

Capture and confinement of a turbulent heated plasma in a magnetic trap M. V. Babykin and others. Zhur. eksp. i teor. fiz. 43 no. 4:1547-1549 O '62.

Characteristics of the Hall effect in tin in a high effective magnetic field [with summary in English]. V. N. Kachinskii. Zhur. eksp. i teor. fiz. 43 no. 4:1158-1163 O '62.

Diffusion decay of a plasma in a magnetic field. Part 3. V. E. Golant, A. P. Zhilinskii. Zhur. tekh. fiz. 32 no. 11:1313-1318 N '62.

Effect of electrostatic instabilities on the distribution function of a beam interacting with a plasma in a magnetic field. V. D. Shapiro, V. I. Shevchenko. Ukr. fiz. zhur. 7 no. 1:83-86 Ja '62.

Effect of local perturbations of a magnetic field on the confinement of particles in a magnetic adiabatic trap N. N. Brevnov, Iu. F. Tomashchuk. Atom. energ. 13 no. 5:421-426 N '62.

Effect of magnetic fields on the structure of the shells of novae [with summary in English]. I. G. Kolesnik. Izv. Glav. astron. obser. AN URSR 4 no. 2:63-76 '62

Effect of size and purity on the electric resistance of metals in a longitudinal magnetic field at helium temperatures [with summary in English] B. N. Aleksandrov. Zhur. eksp. i teor. fiz. 43 no. 4 1231-1241 O '62

Flow of a conducting liquid past an infinite cylinder in a high magnetic field. IA. P. Kotov, Kh. V. Valiev. Izv. AN Uz. SSR, Ser. fiz.-mat. nauk 6 no. 5 88-89 '62.

Hypothesis of corpuscular solar fluxes with force-free magnetic fields. E. N. Mogilevskii. Geomag. i aer. 2 no. 1:16-55 Ja-F '62

Instability of a weakly ionized nonuniformly heated plasma in a uniform magnetic field. A. V. Timofeev. Zhur. tekh. fiz. 32 no. 11 1297-1301 N '62.

Local field perturbations in traps with magnetic mirrors. A. V. Nedospasov. Atom. energ. 13 no. 5 472-173 N '62

Magnetic field gradient meter. I. M. Beskrovnyi, P. T. Zabashta. Izv. AN SSSR. Ser. fiz. 26 no. 8:1092-1095 Ag '62

Measurement of magnetic fields in solar prominences. B. A. Ioshpa. Geomag. i aer. 2 no. 1:172-176 Ja-F '62.

Optical study of the magnetic constriction of an electron-hole plasma in InSb [with summary in English] B. D. Osipov, A. N. Khvoshchev. Zhur. eksp. i teor. fiz. 43 no. 4:1179-1183 O '62.

Retardation of plasma in a magnetic diffuser. A. K. Musin. Radiotekh. i elektron. 7 no. 12 2051-2061 D '62.

Self-excitation of a regular magnetic field in two-dimensional convection in a rotating gravitating sphere. B. A. Tverskoi. Geomag. i aer. 2 no. 3:517-522 My-Je '62.

Some problems concerning the regulation of a magnetic field by means of a current. G. N. Vinlov. Zhur. tekh. fiz. 32 no. 11:1361-1370 N '62.

Stabilization of a low-pressure plasma by a high-frequency field T. F. Volkov, B. B. Kadomtsev. Atom. energ. 13 no. 5:420-134 N '62

Stable betatron oscillations in a nonlinear magnetic field [with summary in English]. IU. F. Orlov. Zhur. eksp. i teor. fiz. 43 no. 4:1308-1314 O '62

Theory of nonlinear magnetogalvanic effects in semiconductors [with summary in English] R. F. Kazarinov, V. G. Skobov. Zhur. eksp. i teor. fiz. 42 no. 4:1047-1053 Ap '62.

Theory of the amplification of ultrasound by semimetals in electric and magnetic fields [with summary in English] R. F. Kazarinov, V. G. Skobov. Zhur. eksp. i teor. fiz. 43 no. 4 1496-1503 O '62

Topography of a magnetic field, induction currents and hydromagnetic oscillations of a plasma in a pulsed electrodeless discharge. M. D. Gabovich, L. M. Mitropan. Zhur. tekh. fiz. 32 no. 11 1371-1375 N '62

Volume recombination in a helium plasma in a magnetic field [with summary in English]. IU. M. Aleskovskii, V. L. Granovskii. Zhur. eksp. i teor. fiz. 43 no. 4 1253-1261 O '62

MAGNETIC FIELDS—MEASUREMENT

Calibrating electronic paramagnetic resonance pickups for magnetometry A. V. Kubarev. Izm. tekh. no. 9. 43-46 S '62.

Instrument for high-precision measurement of magnetic field intensity. G. K. Vagola, E. P. Bogatyrev. Izm. tekh. no. 9:41-42 S '62.

MAGNETIC FIELDS (COSMIC PHYSICS)

Instability of a plasma layer with a neutral point of magnetic field [with summary in English]. A. B. Severnyi. Astron. zhur. 39 no. 6:990-995 N-D '62.

Some characteristics of magnetic fields connected with solar flares [with summary in English]. A. B. Severnyi. Astron. zhur. 39 no. 6:961-964 N-D '62.

Some characteristics of the magnetic field in the solar corona [with summary in English]. A. T. Nesminnovich. Astron. zhur. 39 no. 6:996-1002 N-D '62.

Stability of plasma in a nonuniform magnetic field and the mechanism of solar flares [with summary in English]. S. I. Syrovatskii. Astron. zhur. 39 no. 6:987-999 N-D '62.

MAGNETIC INSTRUMENTS

Higher even harmonics of electromotive force of ferrosondes and magnetic modulators. A. P. Lysenko. Geofiz. prib. no. 9:16-21 '61.

MAGNETIC MATERIALS

Theory of inelastic magnetic scattering of slow neutrons on doped ferromagnetics. V. N. Kashcheev. Fiz. tver. tela 4 no. 8:2037-2046 Ag '62.

Use of magnetodielectrics in the design of electrical machines. M. Z. Khamudkhanov, V. A. Troitskii. Izv. vys. ucheb. zav. elektromekh. 5 no. 10:1175-1180 '62.

MAGNETIC MATERIALS—ELECTRIC PROPERTIES

Features of the temperature dependence of the electric resistance of ferromagnetic metals at low temperatures [with summary in English]. E. E. Semenenko, A. I. Sudovtsov. Zhur. eksp. i teor. fiz. 42 no. 4:1022-1026 Ap '62.

MAGNETIC MEASUREMENTS

Field measurements of declination with a quartz H-magnetometer V. P. Sokolov. Geomag. i aer. 2 no. 3 570-574 My-Je '62

Magnetic measurements by the automatic interplanetary station to Venus. Sh. Sh. Dolginov and others. Geomag. i aer. 2 no. 1 38-40 Ja-F '62.

Measurement of the total vector of the sun's magnetic field with a photoelectric magnetograph B. A. Ioshpa, V. N. Obridko. Geomag. i aer. 2 no. 3 541-541 My-Je '62

MAGNETIC METERS—TESTING

Standard unit for testing field-strength meters in the range of 50 to 400 megacycles V. S. Buzinov. Izm. tekh. no. 11 45-46 N '62

MAGNETIC PROSPECTING

Theory of the optimum methods of determining the bedding elements of sample bodies in magnetometry when there is static. T. B. Kalinina, F. M. Gol'tsman. Izv. AN SSSR. Ser. geofiz. no. 11:1591-1604 N '62

MAGNETIC RECORDERS AND RECORDING

Automatic tension regulation of the magnetic tape. E. IA. Dyakin, A. R. Kim. Tekh. kino i telev. 6 no. 11: 48-50 N '62.

Induction magnetic recorders for use in studying the earth's magnetic field. N. P. Vladimirov. Izv. AN SSSR. Ser. geofiz. no. 11 1645-1650 N '62

Jakubaschk, Hagen. [Magnetic tape recording techniques] Praktika magnitnoi zvukozapisi. Moskva, Gosenergoizdat, 1962. 31 p. (Massovia radiobiblioteka, no. 435)

Long-playing and television magnetic tapes [with summary in English on p. 96] M. S. Chel'tsova, I. I. Elinsberg, A. S. Eisurovich. Tekh. kino i telev. 6 no. 12 1-9 D '62

Practice of using a magnetic recorder of the variations of the earth's alternating magnetic field M. V. Kolmakov. Izv. AN SSSR, Ser. geofiz. no. 11:1605-1613 N '62.

MAGNETIC STORMS

Answer to remarks by R. Kh. Latypova and others on the article "Overall planetary picture of geomagnetic disturbances of corpuscular origin" M. S. Bobrov. Geomag. i aer. 2 no. 3 561-569 My-Je '62.

Apropos of M. S. Bobrov's article "Overall planetary picture of geomagnetic disturbances of corpuscular origin" R. Kh. Latypova and others. Geomag. i aer. 2 no. 3:553-560 My-Je '62.

Diurnal variation of the frequency of sudden commencements in geomagnetism K. G. Ivanov. Geomag. i aer. 2 no. 3 573-571 My-Je '62.

Effect of "small" flares of cosmic rays on days of magnetic disturbance. L. I. Dorman, E. V. Kolomeets. Geomag. i aer. 2 no. 1:56-57 Ja-F '62

Families of geomagnetic storms during the International Geophysical Year V. I. Afanas'eva. Geomag. i aer. 2 no. 3:510-516 My-Je '62

Morphology of magnetic ionospheric disturbances as dependent on the solar activity level and the nature of the onset of geomagnetic storms. V. G. Dubrovskii, S. A. Kramarenko. Geomag. i aer. 2 no. 1:121-125 Ja-F '62.

Nature of the local source of diurnal cosmic ray anisotropy during the main phase of a magnetic storm. L. I. Dorman, O. I. Mozenisova. Geomag. i aer. 2 no. 3:453-463 My-Je '62.

MAGNETIC TESTING

New magnetic belt for magnetographic checking A. S. Fal'kevich, O. N. IAkovlev, E. N. Timofeev. Stroi. truboprov. 7 no. 9 10-12 S '62

MAGNETIC TESTING—EQUIPMENT AND SUPPLIES

Magnetizing device with a permanent magnet for magnetographic checking. Suggested by Knidanovskii. Stroi. truboprov. 7 no. 9 26 S '62

MAGNETIC VARIOMETER

Possibility of increasing the frequency range of a highly sensitive magnetic microvariation station. IU. M. Egorov. Izv. AN SSSR. Ser. geofiz. no. 11:1650-1652 N '62.

MAGNETISM, TERRESTRIAL
(see also subdivision under Siberia)

Geomagnetic effects of explosions in the lower atmosphere K. G. Ivanov. Geomag. i aer. 2 no. 1:153-160 Ja-F '62.

Ionospheric disturbance at the poles of uniform magnetization. V. S. Ignatov. Geomag. i aer. 2 no. 3 464-469 My-Je '62.

Measuring the geomagnetic field from a moving vessel. G. I. Kolomiitseva, V. V. Novyshi, D. L. Finger. Geomag. i aer. 2 no. 1:177-179 Ja-F '62.

Oscillations of an isothermal conducting atmosphere in the presence of gravity and magnetic fields, and harmonic pulsations of the earth's magnetic field. B. A. Tverskoi. Geomag. i aer. 2 no. 1:51-67 Ja-F '62.

Shabanskii, V. P., ed. [Solar corpuscular streams and their interaction with the geomagnetic field. Translated from the English] Solnechnye korpuskuliarnye potoki i ikh vzaimodeistvie s magnitnym polem Zemli. Moskva, Izd-vo inostr. lit-ry, 1962. 438 p.

MAGNETISM, TERRESTRIAL (Continued)

Some problems of geomagnetic activity Part 1 V M. Mishin, L A Zhulin Geomag i aer 2 no 3 502-509 My-Je '62.

Spherical analysis of the geomagnetic field for the epoch 1955.0 F. Pepushoi. Geomag i aer 2 no 1 161-166 Ja-F '62

MAGNETISM, TERRESTRIAL—MAPS

H, Z, and T maps for the territory of the U S S R V. P Orlov Geomag i aer 2 no 3 579 My-Je '62.

MAGNETISM, TERRESTRIAL—MEASUREMENT

Methods of measuring weak magnetic fields in a wide spectrum of frequencies. A. P Lysenko, N F Sokolov, B. Z. Mikhlin Geofiz. prib no. 9 25-36 '62

MAGNETISM, TERRESTRIAL—SECULAR VARIATION (see also subdivision under Arctic regions)

Structure of the field of secular geomagnetic variations. V I Pochtarev. Geomag. i aer. 2 no 3 523-526 My-Je '62

MAGNETITE (see also subdivision under Podkamennaya Tunguska Valley)

Thermodynamics and kinetics of the interaction of magnetite with iron, zinc, and copper sulfides in slag melts B.V.Lebed', V.I.Smirnov. Dokl.AN SSSR 146 no.4:864-867 O '62.

MAGNETIZATION

Distribution by magnitude of jumps of magnetization intensity in cylindrical iron films V S Prokopenko. Zhur tekh fiz 32 no 11.1404-1405 N '62

MAGNETOELECTRIC MACHINES—TESTING

Investigating the strength of the magnetic field of suspended electromagnetic separators. A I Il'chenko and others Ugol' prom. no. 5.46-50 S-O '62.

MAGNETOHYDRODYNAMICS

Convective instability spectrum of a conducting medium in a magnetic field [with summary in English] G Z. Gershuni, E. M Zhukhovitskii Zhur. eksp i teor. fiz. 42 no 4 1122-1125 Ap '62

Magnetohydrodynamic instability of solar corpuscular streams [with summary in English]. V.P.Dokuchaev. Astron. zhur. 39 no.6 1009-1013 N-D '62.

Some automodel problems in magnetohydrodynamics, given axial symmetry G. P. Dikii, I. E Tarapov. Zhur tekh fiz 32 no. 11 1302-1312 N '62

Some stationary problems in magnetohydrodynamics, given axial symmetry G P Dikii, I E Tarapov Zhur tekh fiz 32 no 11 1333-1341 N '62

Steady-state flow of an electrically conductive gas in the channel of a magnetohydrodynamic generator with constant voltage along the electrodes IU. F Sokolov. Izv. AN SSSR. Otd. tekh nauk. Energ. i avtom. no. 5: 45-48 S-O '62.

MAGNETOMETER

Magnetometers based on the optical pumping principle in pairs of alkali metals. V.N. Ponomarev, V.I. Kapitanov. Geofiz. prib. no. 9 3-8 '61.

Magnitometer for measuring model magnetic anomalies. N A. Ivanov and others. Geofiz. prib. no. 9:65-74 '62.

Proton magnitometer for observatories. V. I. Nalivaiko, IU. A. Burtsev, L. G. Mansurova. Geofiz. prib. no. 9. 75-86 '62.

Vehicle-mounted magnetometer. D. R. Barkhatov. Geofiz. prib. no. 9.100-107 '61.

MAGNETS—THERMAL PROPERTIES

Device for measuring the temperature coefficients of small magnets. V N. Bobrov. Geomag i aer. 2 no 3 550-552 My-Je '62.

MAGNITOGORSK—IRON AND STEEL PLANTS

installed at the
s. A. G. Bogomazov.
'62.

H, 1894-1930
poem "Unusual
.v shkole 23

1
mory of K. Ma-
no. 9.17-20

l. Sukhariok

chandar'ya
Kd. obshchestv

Valley. U. Is-
. nauk AN

MAKHARADZE DISTRICT—COLLECTIVE FARMS—COSTS

Problems of the concentration and intensification of collective farm production in Makharadze District. A Sh Kechegmadze Subtrop. kul't no 2 134-140 '62.

MALEIC ANHYDRIDE

Conjugated systems. Part 165: Condensation of alkenyl allenes with maleic anhydride. A V. Fedorova, A. A. Petrov. Zhur. ob. khim. 32 no. 11 3537-3540 N '62.

MALI—DESCRIPTION AND TRAVEL

New developments in Mali. M. Litbeckis. Ukraina no. 22 16-17 N '62.

MALONIC ACID

Potential antimetabolites. Part 2: Preparation of substituted α-(pyrimidyl-2-methyl)-α-aminomalonic esters and a new synthesis of β-(4-oxy-6-methyl-2-pyrimidyl) alanine IU. P Shvachkin and others Zhur. ob. khim. 32 no 10;3144-3148 O '62

Synthesis of 1, 4-dibromopentane and its reaction with sodiomalonic ester. O. S. Stepanova Zhur ob. khim. 32 no 10 3295-3298 O '62.

MALOYAROSLAVETS

Bespalov, V. M., and A. E. Dmitriev. [Maloyaroslavets] Maloiaroslavets. [Kaluga] Kaluzhskoe knizhnoe izd-vo, 1962. 218 p.

MAMMALS see subdivision under Caspian Sea region

MAMUROVSKII, ALEKSANDR ANTONOVICH, 1893-1961

In memory of our comrades Izv. AS1A 4 no. 1:136-137 '62.

MANAGEMENT

Filippov, V. V. [In the main direction] Na glavnom napravlenii. Simferopol', Krymizdat, 1961. 27 p.

MANGANESE—ELECTROMETALLURGY

Effect of temperature on the degree of purification of manganese sulfate solutions from nickel. D S. Chikhashua, O I Voitenko. Stal' 22 no. 9:814 S '62.

MANGANESE FERRATE—MAGNETIC PROPERTIES

Magnetic properties of manganese ferrites with additions of rare-earth metal oxides. Report no 1 [with summary in English] I N Frantsevich, A. I. Gunchenko, L. N. Tul'chinskii Poroshk. met 2 no. 5 55-59 S-O '62.

MANGANESE MINES AND MINING see subdivision under Nikopol' region

MANGANESE ORES

Selective flotation of low-grade manganese products from Chitura gravity dressing plants. E. I. Gristan, IA. M. Turetskii. Gor. zhur. no. 6;62-65 Je '62.

MANGYSHLAK PENINSULA—PHYSICAL GEOGRAPHY

New data on the origin of depressions with interior drainage. IU. M. Kleiner. Dokl. AN SSSR 147 no. 2: 434-437 N '62.

MANGYSHLAK PENINSULA—WATER, UNDERGROUND—COMPOSITION

Conditions governing the formation of artesian waters in the southern part of the Mangyshlak Peninsula K F. Orfanidi. Sov geol 5 no. 6;104-111 Je '62.

MANIC-DEPRESSIVE PSYCHOSES

Excretion of nicotinic acid derivatives in the urine of patients with neuroses and cyclothymia [with summary in French]. S. A. Dmitrieva and others. Zhur. nevr i psikh. 61 no. 10;1520-1524 '61.

MANIZER, MATVEI GENRIKHOVICH, 1891-

Ermonskaia, V. V. Matvei Genrikhovich Manizer. Moskva, [Izd-vo Akad. khudozh. SSSR] 1961. 217 p. (chiefly illus.)
(CtY)

MANOMETER

Double manometric apparatus with a magnetic stirrer for the analysis of blood gases [with summary in English]. G. V. Derviz, I. M. Moglilei, R. E. Kimeral. Vop. med. khim. 8 no. 1;87-92 Ja-F '62.

MANOMETER—TESTING

Universal stationary for testing weight-piston manometers. A. I. Karpenko. Izm. tekh. no. 9;18-19 S '62.

MANUAL TRAINING (see also subdivision under Ukraine)

Conference on the psychology of production training. A. Aleksandrov. Shkola i proizv. 6 no. 5:03-04 My '62.

Inculcating creative attitude toward work in students. I. I. Avgustevich Shkola i proizv 6 no. 5;66-71 My '62.

Russia (1917- R. S. F. S. R.) Ministerstvo prosvecheniia. [Programs for eight-year schools; manual training and socially useful work] Programmy vos'miletnei shkoly; trudovoe obuchenie i obshchestvenno poleznyi trud. Moskva, Uchpedgiz, 1962. 87 p.

Seminar for manual training teachers. V. Kopelovich. Shkola i proizv 6 no 5:87 My '62.

Technological system of student production training. IU. A. Kustov Shkola i proizv. 6 no 5:7 Je '62

MANUAL TRAINING—AUDIO-VISUAL AIDS

Instruction cards with incomplete data I I [illegible] Shkola i proizv 6 no 5 37-38 My '62

MANUFACTURES—ABSTRACTS

[Communal, household, and commercial equipment] Ref. zhur. Otd. vyp. 33; Kommun., byt, i torg. oborud. nos. 21-23 N-D '62.

[Light industry] Ref. zhur.: Leg. prom. nos. 21-24 D '62.

MANUSCRIPTS see subdivision under Moscow

MANUSCRIPTS, ARMENIAN

Akademiia nauk SSSR. Institut narodov Azii [Armenian source materials concerning the history of the Middle East; excerpts from the manuscripts of the 13th and 14th centuries. Translated from Old Armenian] Armianskie istochniki o mongolakh, Izvlecheniia iz rukopisei XIII—XIV vv. Moskva, Izd-vo vostochnoi lit-ry, 1962. 153 p.

MANUSCRIPTS, ETHIOPIC see subdivision under Great Britain

MANYCH-GUDILO, LAKE—PELICANS

Nesting of the pelican Pelecanus crispus Bruch on Lake Manych-Gudilo [with summary in English] V. A. Minoranskii Zool. zhur 11 no. 7;1101-1103 '62.

MARI A. S. S. R.—COLLECTIVE FARMS—INCOME DISTRIBUTION

Kosorotov, M. F. [Organization of work and wages in collective farms] Organizatsiia i oplata truda v kolkhozakh. Ioshkar-Ola, Mariiskoe knizhnoe izd-vo, 1960. 58 p.

MARI A. S. S. R.—EDUCATION

In the schools of the Mari Republic. P. Khlyl [illegible] obr. no. 11 14-16 N '62.

MARINE BIOLOGY (see also subdivision under Zelenetskaya Bay)

Let's protect the world ocean against radioactive contamination A F. Fedorov, V N Pulyaevskii. Priroda 51 no. 11 47-50 N '62

"Oceanological principles relating to the fishery productivity of seas" by G. K. Izhevskii. Reviewed by Karzinkin and IU. E. Lapin. Vop. ikht. 2 no. 3 379 '62.

MARINE BOILERS see Boilers, Marine

MARINE ECOLOGY (see also subdivision under Kamchatka; Kurile Islands; Pacific Ocean)

Comparison of ecologic biogeographic methods of describing the pelagic zones of the oceans. K. V. Beklemishev, G. I. Somina. Vop. ekol. 4 [illegible]

Complex and bioceonosis; some results of investigations of marine bioceonoses. L. G. Vinogradov. Vop. ekol. 4 15-17 '62.

MARINE ENGINES

Naidenko, O. K., and P. P. Petrov. [Amortization of marine engines and mechanisms] Amortizatsiia sudovykh dvigatelei i mekhanizmov. Leningrad, Sudpromgiz, 1962. 287 p.

MARINE ENGINES—COOLING

Modernizing the cooling system of the main engines on the motorship "Bol'shaia Volga." A. S. Gafanovich. Trudy GPI 15 no. 1;101-107 '61 [illegible].

MARINE FAUNA (see also subdivision under Komandorskiye Islands, Pacific Ocean)

Poisonous and antimicrobic substances in the tissues of some marine invertebrates. R. V. Cheshnov. Izv. MMBI no. 4;244-249 '62.

MARINE FLORA (see also subdivision under Pacific Ocean)

Methodology of sample selection in studying marine microflora. IU. I. Sorokin. Okeanologiia 2 no. 5 892-897 '62.

MARINE GAS TURBINES

Efficiency of centripetal, radial-flow turbines. I. B. Polkanov. Trudy GPI 15 no. 1;80-95 '61 [illegible].

Nebesnov, V. I. [Estimate of the operating conditions of marine power plants on motorships] Raschet ekspluatatsionnykh rezhimov raboty silovoi ustanovki teplokhoda, Moskva, Izd-vo "Morskoi transport," 1962. 141 p.

MARINE RESOURCES

The riches of oceans and seas should be in the service of the Soviet people. V. Vulf'son. Kommunist 37 no. 17;103-112 N '62.

MARINE TURBINES

Kurzon, A. G., and others. [Marine steam and gas turbines] Sudovye parovye i gazovye turbiny. Pod red. A. G. Kurzona. Leningrad, Sudpromgiz.
Vol 2 [Systems and working principle of turbomachinery units] Sistemy i ustroistva turboagregatov. 1962. 419 p.

MARINKA DISTRICT—AGRICULTURE—ACCOUNTING

Farm's financial plan should be an actual working program. I. Pogromskii. Ekon. sel'khoz. 33 no. 10 112 O '62.

MARITIME LAW

Raikher, V. K. [Fines imposed for the nonperformance of maritime freight transportation contracts] Shtrafnye sanktsii po morskim gruzovym perevozkam. Moskva, Morskoi transport, 1962. 95 p.

MARITIME METEOROLOGY see Meteorology, Maritime

MARITIME TERRITORY—ALLUVIUM

New data on the stratigraphy of Quaternary alluvial, alluvium-lacustrine, and lacustrine deposits in the Maritime Territory and middle Amur Valley. I. I. Berseney and others. Sov. geol. 5 no. 9 78-86 S '62.

MARITIME TERRITORY—GEOLOGY, STRATIGRAPHIC

Holocene stratigraphy of the southern Maritime Territory and Sakhalin, based on data of spore-pollen analysis. V. V. Selovlev, G. G. Zdanskaia. Inform. sbor. VSEGEI no. 52 49-59 '62.

MARITIME TERRITORY—PRECAST CONCRETE CONSTRUCTION

Development of large-panel housing construction based on lightweight and cellular concretes in the Maritime Territory. K. A. Adamchik, A. V. Teroptsev. Bet. i zhel.-bet. 8 no. 11,518-519 N '62.

MARITIME TERRITORY—WAGES—TRUCK DRIVERS

Tables for calculating truck drivers' wages. A. S. Vasilchenko. Uchet i fin. v kolkhoz. i sovkhoz. 10 no. 11:23-25 N '62.

MARKHA VALLEY—TERRACES (GEOLOGY)—MAPS

Methods for mapping of high terraces in the middle of Markha Basin. M. I. Plotnikova, V. N. Umanets, O. I. Kandepol'tseva. Inform. sbor. VSEGEI no. 52:61-66 '62.

MARKING OF INSECTS see Insects, Marking of

MARKOV PROCESSES

A class of Markov processes whose exit probabilities are majorized by the exit probabilities of the Wiener process. M. G. Shur. Dokl. AN SSSR 147 no. 2 323-326 N '62.

Evaluation of the parameters of a complex stationary Gaussian type Markov process. M. Arato, A. N. Kolmogorov, IA. G. Sinai. Dokl. AN SSSR 146 no. 4 747-750 O '62.

On derived and nonstationary Markov chains [in English]. J. W. Cohen. Teor. veroiat. i ee prim. 7 no. 4:410-432 '62.

Partial ordering of one-dimensional Markov processes [with summary in English]. G. I. Kalmykov. Teor. verolat. i ee prim. 7 no. 4:486-490 '62.

Self-tuition in a perceptron. V. M. Glushkov. Zhur. vych. mat. i mat. fiz. 2 no. 6:1102-1110 N-D '62.

Use of Markov processes in the statistical theory of the stability of shells. V. M. Honcharenko. Ukr. mat. zhur. 14 no. 2:198-202 '62.

MARRIAGE

Makarova, N. F. [Discussions of newlyweds on love and marriage] Disputy molodozhenov o liubvi i brake. Moskva, Izd-vo "Znanie," 1962. 30 p. (Novoe v zhizni, nauke, tekhnike. X Seriia: Molodezhnaia, no. 21)

MARRIAGE CUSTOMS AND RITES see subdivision under Kihnu

MARROW

Comparative characteristics of myeloid hemopoiesis in forms of the chronic action of X-rays and benzene intoxication. V. V. Sokolov, V. A. Solov'eva, I. A. Grihova. Med. rad. 7 no. 7:82-83 Jl '62.

Concentration of penicillin in the blood of animals during its administration into the medullary canal. A. T. Ivanova. Trudy 1-go MMI 7:60-66 '59.

MARROW—CANCER

Treatment of myelomic disease [with summary in English]. A. N. Grigor'iants, M. A. Volkova. Sov. med. 26 no. 7:20-23 Jl '62.

Treatment with sarcolysine of myelomic disease. N. T. Larchenko-Doron. Vrach. delo no. 8:142-144 Ag '62.

MARROW—DISEASES

Aplasia of the bone marrow in chronic myelocytic leukemia following treatment with myelosan. A. S. Pogosian. Probl. gemat. i perel. krovi no. 11:50-52 '62.

MARROW—TRANSPLANTATION

Kevlishvili, G. E. [Experimental transplantation of bone marrow in acute radiation sickness] Transplantatsiia kostnogo mozga pri ostroi luchevoi bolezni v eksperimente. Tbilisi, Izd-vo Akad. nauk Gruzinskoi SSR, 1961. 51 p.
(DNLM)

MARS (PLANET)

Mars. Priroda 51 no. 11 2 N '62

Mars. V. Davydov. Av. i kosm. 15 no. 11 11-15 '62

Photographic photometry of Mars at large phase angles. V. A. Bronshten. Biul. VAGO no. 32:15-22 '62.

Some considerations on the atmosphere and surface structure of Mars. N. P. Barabashov. Uch. zap. KHGU 122 103-106 '62

MARSHAK, SAMUIL IAKOVLEVICH, 1887-

Contribution of S. IA. Marshak to children. V. Leibson. Ner. obr. no. 11 92-93 N '62

Samuil IAkovlevich Marshak. V. V. Litvinov. Nach. shkola 30 no. 11:7-13 N '62

MARX, KARL, 1818-1883

From Karl Marx's unpublished manuscripts. Nar. Az. i Afr. no. 6 53-66 '62.

MARY PROVINCE—KARAKUL SHEEP

Incorrect coefficients. A. Amannamedov. Uchet i fin. v kolkhoz. i sovkhoz. 10 no. 7 11-12 Jl '62.

MARY PROVINCE—TURKMEN

Materials on the ethnography of the Turkmen Saryks living in the Pende Oasis. Kurban Ovezberdyev. Trudy inst. ist., arkheol. i etn. AN Turk. SSR 6:111-132 '62

MASERS

Calculating the probabilities of radiationless transitions for the Cr^{3+} ion in ruby. B. Z. Malkin. Fiz. tver. tela 4 no. 8:2134-2222 Ag '62.

Compensation method for measuring the efficiency of the use of a molecular beam. V. V. Grigor'iants, I. N. Onaevskii. Radiotekh. i elektron. 7 no. 12:2066-2069 D '62.

Evaluation of the inversion of quantum paramagnetic amplifier levels. IU. V. Bogomolov. Radiotekh. i elektron. 7 no. 11:1953-1955 N '62.

Schawlow, A., S. Vogel, and L. Dulberger. [Optical masers (lasers). Translated from the English] Opticheskie kvantovye generatory (lazery). Moskva, Izd-vo inostr. lit-ry [1962] 134 p.

MASONRY

Calculations for the creep deformations of masonry under a compression load which changes over a period of time. B. V. Polikov. Stroi. mekh. i raschet. soor. 4 no. 5:18-24 '62.

MASONRY—STUDY AND TEACHING

Osipov, M. I., and A. P. Sedov. [Instruction in special masonry techniques] Prepodavanie spetsial'noi tekhnologii kamennykh rabot. Moskva, Profizdat, 1962. 153 p.

MASS (PHYSICS)

Studying the concept of mass in the sixth grade. IA. D. Gilenko. Fiz. v shkole 22 no. 2:67-68 Mr-Ap '62.

MASS SPECTROMETRY

Determination of the isotope composition of strontium in the MI-1305 mass spectrometer. A. D. Esikov, G. S. Beschastnova, G. N. Makovlev. Biul. Kom. po opr. abs. vozr. geol. form. no. 5 82-88 '62.

Studies in the field of mass spectrometry. N. N. Tunitskii and others. Probl. fiz. khim. no. 1:122-128 '58.

MASS TRANSFER

Concerning O. F. Vlasov's article "Theory of mass transfer." A. V. Lykov. Izv. ASIA no. 3:101-106 '62.

Investigation of mass transfer in an extraction plate column with air mixing. V. B. Tikhomirov, N. P. Galkin, V. D. Fedorov. Ekstr., teor., prim., app. no. 1:213-216 '62.

Mass capacity and the mass transfer coefficient of certain granular materials [with summary in English] L. M. Nikitina, M. A. Kuchmel'. Inzh.-fiz. zhur. 5 no. 8:48-52 Ag '62.

The problem of studying heat and mass exchange on the surface of exterior elements. I. S. Mel'nikov. Trudy NIISF no. 1:5-17 '62.

Quasi-equilibrium extraction processes. V. I. Lovin. Ekstr.; teor., prim., app. no. 1:143-162 '62.

Theory of mass transfer. O. E. Vlasov. Izv. ASIA no. 3:98-101 '62.

MASSAGE

From technology to everday life. Nauka i zhizn' 29 no. 5:110 My '62.

MASTICATION

Significance of psychic trauma in the development of Gunn-Harmann jaw winking synkinesis, clinical observation [with summary in French]. A. K. Popov. Zhur. nevr. i psikh. 62 no. 6:860-861 '62.

MASTOID PROCESS—TUMORS

Case history of osteomas of the mastoid process. A. V. Brofman. Zhur. ush., nos. i gorl. bol. 22 no. 2: 72-73 Mr-Ap '62

MATERIALISM

Restrictive interpretation of the empirical method in the works of sensualistic materialists from the 17th to the 19th century. I. G. Gerasimov. Trudy MIIT no. 165 18-66 '62

MATERIALS

Zikeev, B. V. [Course on the study of materials with brief information on the technology of production] Kurs materialovedeniia s kratkimi svedeniiami po tekhnologii proizvodstva. Pod red. A. K. Shubnikova. Izd. 2, perer. i dop. Moskva, Znachnyi finansovo-ekon. in-t, Pt. 1. 1961. 310 p.

MATERIALS—TESTING

The precision of measuring deformations on the "IP-2" machine intended for testing for creep. IU. P. Kaptelin. Sbor. trud. LIIZHT no. 174 51-70 '60.

The problem of analytical interpretation of phenomena connected with a change in the stress-deformation state over a period of time. IU. P. Kaptelin. Sbor. trud. LIIZHT no. 174 71-128 '60

MATERIALS, EFFECT OF RADIATION ON

Conference on the problem "Changes in the properties of materials caused by irradiation." D. Voisburd, IU. Zakharov. Atom. energ. 13 no. 5 497-498 N '62

MATERIALS HANDLING

Mechanization of the intrashop conveying operations in the Irkutsk machine tool factory. B. D. Rashkovskii. Khleb i kond. prom. 6 no. 11:44-46 N '62.

MATERIALS HANDLING—ABSTRACTS

[Industrial transportation] Ref. zhur.: Prom. transp. no. 12 D '62.

MATHEMATICAL ANALYSIS

Indeterminacy limits of subsequences of partial sums of Fourier series. D. E. Men'shov. Mat. sbor. 58 no. 3 335-376 N '62

Kantorovich, L. V., and V. I. Krylov. [Approximate methods of higher analysis] Priblizhennye metody vysshego analiza. Izd. 5., ispr. Moskva, Fizmatgiz, 1962. 708 p.

Romanovskii, P. I. [Concise general course on mathematical analysis] Obshchii kurs matematicheskogo analiza v szhatom izlozhenii. Moskva, Fizmatgiz, 1962. 331 p.

MATHEMATICAL ANALYSIS—PROBLEMS, EXERCISES, ETC.

Rivkind, IA. I. [Three hundred problems in mathematical analysis] 300 zadach po matematicheskomu analizu. Minsk, Izd-vo M-va vysshego, srednego spetsial'nogo i professional'nogo obrazovaniia BSSR, 1962. 64 p.

MATHEMATICAL ECONOMICS see Economics, Mathematical

MATHEMATICAL RECREATIONS

Answers to problems published in No. 3. Nauka i zhizn' 29 no. 5:89 My '62.

MATHEMATICAL SOCIETIES see subdivision under Kiev; Moscow

MATHEMATICAL STATISTICS

Abstracts of papers presented at the sessions of the Probabilities and Statistics Section of the Moscow Mathematical Society. Teor. veroiat. i ee prim. 7 no. 4:469-477 '62.

Estimation of an unknown distribution density using observations. N. N. Chentsov. Dokl. AN SSSR 147 no. 1: 45-48 N '62.

Possibility of a new method for studying the statistical behavior of linear systems [with summary in English] M. I. Podgoretskii. Zhur. eksp. i teor. fiz. 43 no. 4: 1349-1357 O '62

Problem of the equation of state of condensed media. Theoretical part. A. S. Predvoditelev. Inzh.-fiz. zhur. 5 no. 8:106-129 Ag '62.

Statistical metric spaces arising from sets of random variables in Euclidean n-space [in English]. B. Schweizer, A. Sklar. Teor. veroiat. i ee prim. 7 no. 4:456-465 '62.

MATHEMATICS

Kondratov, A. M. [Mathematics and poetry] Matematika i poeziia. Moskva, Izd-vo "Znanie," 1962. 47 p. (Novoe v zhizni, nauke, tekhnike. IX Seriia: Fizika i khimiia, no. 20)

[Mathematics; translations of foreign articles] Matematika; period. sbor. perev. inostr. st. 6 no. 6 N-D '62.

Rakovs'kyi, P. S. [Course in higher mathematics] Kurs vyshchoi matematyky. Kharkiv, Vyd-vo Kharkivs'koho univ., 1960. 292 p.

MATHEMATICS—ABSTRACTS

[Mathematics] Ref. zhur.: Mat. nos. 9-11 S-N '62.

MATHEMATICS—AUDIO-VISUAL AIDS

Visual aids in teaching percentages F F Litvinenko Mat v shkole no 4 52-55 Jl-Ag '62

MATHEMATICS—BIBLIOGRAPHY see Bibliography—Mathematics

MATHEMATICS—COMPETITIONS

Second All-Russian Mathematical Olympiad I S Petrakov Mat v shkole no 4 29-32 Jl-Ag '62

MATHEMATICS—CONGRESSES

International Congress of Mathematicians, Edinburgh, 1958. [Survey papers presented at the International Congress on Mathematics] Obzornye doklady. Pod red. E. F. Mishchenko. Moskva, Fizmatgiz, 1962. 276 p. (Sovremennye problemy matematiki)

MATHEMATICS—DICTIONARIES

Akademiia nauk SSSR, Matematicheskii institut. [English-Russian mathematical dictionary] Anglo-russkii slovar' matematicheskikh terminov. Red kollegiia: P S Aleksandrov (predsedatel') i dr. Moskva, Izd-vo inostr lit-ry, 1962 369 p

MATHEMATICS—PHILOSOPHY

How V. I Lenin analyzed the crisis of physics and some philosophical problems of mathematics K N. Sukhanov. Nauch dokl. vys. shkoly, filos nauki 5 no. 5;74-82 '62.

MATHEMATICS—PROBLEMS, EXERCISES, ETC.

"Collection of problems in algebra and elementary functions" by A K Davydov. Reviewed by M Gotter. Mat. v shkole no 4 89-91 Jl-Ag '62

Solution of problems offered to the students in grades 8-11 at the Second All-Russian Mathematical Olympiad Mat v shkole no 4 92-95 Jl-Ag '62

What problems are given at competitive examinations? V Zobnin Nauka i zhizn' 29 no 5 111 My '62.

MATHEMATICS—JUVENILE LITERATURE

Bobrov, S. P. [An Archimedian summer; or the story of a friendly group of young mathematicians] Arkhimedovo leto ili Istoriia sodruzhestva iunykh matematikov. Moskva, Detgiz.
Book 2. 1962. 327 p.

MATHEMATICS—PERIODICALS see subdivision under Poland

MATHEMATICS—STUDY AND TEACHING
(see also subdivision under Bulgaria, Lipetsk Province)

Figures and emotions A M. Zakrevs'kyi Rad. shk 41 no 11 41-44 N '62.

Independent work of students in mathematics lessons. V. V. Rep'ev Mat. v shkole no 4 43-47 Jl-Ag '62.

Interconnection between the courses of arithmetics and algebra D V Klimenchenko Mat v shkole no 1 47-49 Jl-Ag '62

Let's dedicate all our forces to the reorganization of secondary schools Mat v shkole no 4 1-2 Jl-Ag '62

Special aspects of teaching mathematics in the evening (staggered) secondary schools B. IA. Isachkin Mat. v shkole no 4 58-60 Jl-Ag '62

MATRICES

An algorithm for reducing the secular determinant of an arbitrary matrix to the triangular shape. R M. Suplin Zhur. vych. mat i mat. fiz. 2 no. 6 1111-1114 N-D '62.

Application of LR and AP algorithms in the triangular exponential method to matrices divided into squares. V. N Kublanovskaia Trudy Mat. inst 66;135-146 '62

Computation methods for solving the generalized eigenvalue problem V N Kublanovskaia, V. N Faddeeva. Trudy Mat. inst 66;147-165 '62.

Periodic matrix groups. M. I. Kargapolov. Sib. mat. zhur. 3 no. 6 834-838 N-D '62

Periodic subgroups of solvable matrix groups. D. A. Suprunenko. Dokl. AN SSSR 147 no. 2 310-312 N '62.

The problem of "surface" divergences in the Bogoliubov method [with summary in English]. A. D Sukhanov. Zhur. eksp. i teor fiz 43 no 4 1400-1410 O '62.

Solution of the problem of eigenvalues for an arbitrary matrix V. N. Kublanovskaia. Trudy Mat. inst 66, 113-135 '62.

Some conditions for the stability of Petrov-Galerkin's method. G N. IAskova, M N. IAkovlev Trudy Mat. inst. 66;162-189 '62.

Unitary representations in a G/Γ space where G is a group of n-order real matrices and Γ is a subgroup of integer matrices. I. M. Gel'fand, I. I. Piatetskii-Shapiro. Dokl. AN SSSR 147 no. 2;275-278 N '62.

MATTEI, ENRICO, 1909-1962

The mystery around Enrico Mattei's death. Nov. vrem. 20 no. 47, 12-13 N '62.

MAXILLARY SINUS

Morphology of the glands of the mucous membrane of the human maxillary sinus, macro-microscopic studies [with summary in English]. P. M. Kovtunovskii. Zhur. ush., nos. i gorl bol. 22 no. 2;3-7 Mr-Ap '62.

MAXILLARY SINUS—DISEASES

Microflora and its sensitivity to antibiotics in chronic highmoritis [with summary in English] P. V Sergienko Zhur. ush , nos i gorl. bol 22 no 2 8-11 Mr-Ap '62.

Some characteristics of odontogenic highmoritis [with summary in English]. A M Solntsev. Zhur ush., nos i gorl bol. 22 no. 2 11-15 Mr-Ap '62.

MAYYA VALLEY—GEOLOGY, STRATIGRAPHIC

New data on Upper Triassic volcanic formations in the upper Mayya Valley I M Ferdman Trudy VAGT no. 8 93-94 '62

MAYYA VALLEY—VOLCANIC ASH, TUFF, ETC.

New data on Upper Triassic volcanic formations in the upper Mayya Valley I M. Ferdman. Trudy VAGT no 8 93-94 '62.

MAZZARINO, SICILY—FRANCISCANS

An unbelievable end to an unbelievable story. I Sychev. Nauka i rel i no. 10;37-39 O '62

MCMURDO SOUND—NOTOTHENIA

Taxonomic position of a giant notothenild fish (Plates, Nototheniidae) from the McMurdo Sound in the Antarctica [with summary in English] A P. Andriiashev. Zool zhur. 41 no 7 1018-1050 Jl '62

MEALYBUGS—EXTERMINATION see subdivision under Azerbaijan

MEASLES

Effect of ionizing radiations on the course of infection and the state of immunity in experimental measles in monkeys. B. A. Lapin, Z. K Stasilevich. Med. rad 7 no. 7, 62-67 Jl '62.

Embryopathy connected with rubeola. Kh. S. Martinson. Vop. okh. mat. i det. 7 no. 4;87-89 Ap '62

MEASLES—MICROBIOLOGY

Comparative study of the sensitivity of various tissue cultures to the measles virus [with summary in English] L. S. Lozovskaia, S. V. Lokhova. Vop virus. 7 no. 5;576-581 S-O '62

MEASURING INSTRUMENTS

Develop mensuration methods and equipment for precision measurements. A P Rudnev Izm tekh. no. 11 1-2 N '62

Device for automatic check of the dimensions of articles with broken surfaces. B. N. Mukov, E. I. Ped'. Izm. tekh. no. 9;9-11 S '62.

Measures and measuring instruments approved by the committee on the basis of the results of their official testing and permitted to be used in the U. S. S R Izm. tekh no 11;64 N '62.

Nomograms for calculating springs for instruments with stretchers. I. I. Obrosov, E. V. Kovalenok. Izm. tekh no. 9 48-51 S '62.

Results of testing the KIM-3 coordinate measuring machine. P. M. Sereda. Izv. Glav. astron. observ. AN URSR i no. 2;18-23 '62.

Seminar on measuring equipment. S. I. Kuvshinov. Izm. tekh. no. 9 63 S '62.

Using the "magic eye" in measuring small holes. B. IA. Verkhotunov. Izm tekh. no. 9;12-14 S '62.

MEASURING INSTRUMENTS—BIBLIOGRAPHY see Bibliography—Measuring instruments

MEASURING INSTRUMENTS—MAINTENANCE AND REPAIR

Centralized repair of measuring equipment. IU. M. Grigoriants Izm. tekh. no. 11 61 N '62.

MEASURING INSTRUMENTS—STANDARDS

New standards and specifications for measures and measuring instruments approved by the committee. Izm. tekh no. 11;64 N '62.

MEAT INDUSTRY

Problems in the utilization of capital assets in the meat industry. Z. M. Timonova. Och po sovr. sov. i zarub. ekon. no. 3 109-110 '62.

MEAT INDUSTRY—PRICES see subdivision under United States

MECHANICAL BRAINS see Cybernetics

MECHANICAL DRAWING—COMPETITIONS see subdivision under Odessa

MECHANICAL DRAWING—STUDY AND TEACHING

Arekhov, V. Z. [Manual on mechanical drawing; geometrical drawing and collection of problems] Posobie po tekhnicheskomu cherchenilu, geometricheskoe cherchenie i sbornik zadach. Izd. 2., perer. i dop. Pod obshchei red. N. I. Shinkevicha. Minsk, Izd-vo M-va vysshego, srednego spetsial'nogo i professional'nogo obrazovaniia BSSR, 1962. 105 p.

Organizing mechanical drawing lessons for correspondence students. V. O. Ignat'ev, V. V. Smirnova. Sred. spets. obr. 9 no. 8, 33-37 Ag '62.

MECHANICAL ENGINEERING—BIBLIOGRAPHY see Bibliography—Mechanical engineering

MECHANICAL ENGINEERING—STUDY AND TEACHING

"Degree projects in mechanical engineering technical schools" by M M Goldfarb, Kh K Baskaev Reviewed by N. V Aleksandrovskii Sred spets. obr. 9 no 8 56-58 Ag '62

Teaching students to discover defects in the machine parts G. Korchinskii Shkola i proizv 6 no 5, 44 My '62

MECHANICAL FANS see Fans, Mechanical

MECHANICAL MOVEMENTS

Graphic method of determining the dependence $s(t)$ in the dynamic investigation of some mechanisms. P F Gordienko. Sbor. nauch.-issl. rab. TPI no. 12;223-225 '61.

Kinematics of a three-dimensional crankgear. P. A. Lebedev. Izv. vyss. ucheb. zav., mashinostr. no. 6;11-15 '62.

Synthesis of simple cam-lever mechanisms satisfying a range of given conditions. IA. III. Shats, G. M. Kosel'man. Izv. vyss. ucheb. zav., mashinostr. no. 6;16-27 '62.

Using the method of matrices for the kinematic analysis of composite three-dimensional mechanisms with lower pairs. Chang Tzu-hsien. Izv. vyss. ucheb. zav., mashinostr. no 6;39-51 '62.

Verkovskii, G. G. [Theory of mechanisms and machines] Teoriia mekhanizmov i mashin; kratkii kurs. Khar'kov, Izd-vo Khar'kovskogo univ., 1961. 243 p.

MECHANICAL WEAR

Investigation of the structural transformations of surface layers and approximate evaluation of friction temperature. I. E. Vinogradova, S. S. Kulagina. Zav. lab. 28 no. 8 984-986 '62.

Moshkov, A. D. [Friction and wear of porous ceramic metal materials] Trenie i iznos poristykh metallokeramicheskikh materialov. Tashkent, Gosizdat UzSSR, 1962. 101 p.

MECHANICS

Contradictoriness of mechanical motion. V. I. Sviderskii. Nauch. dokl. vys. shkoly; filos. nauki 5 no 5;83-89 '62

Petraitis, Alberinas. [Motion and energy] Judejimas ir jega. Vilnius, Valstybine politines ir mokslines literaturos leidykla, 1961. 78 p. [In Lithuanian]

MECHANICS—ABSTRACTS

[Mechanics] Ref. zhur.: Mekh. nos. 8-12 S-D '62.

MECHANICS—STUDY AND TEACHING

Technical mechanics in the evening technical schools and departments. IU. A Katunel'son. Sred spets. obr. 9 no. 10, 36-40 O '62.

MECHANICS, ANALYTIC

Goronimus, IA. L. [Geometrical apparatus of the theory of synthesis of plane mechanisms] Geometricheskii apparat teorii sinteza ploskikh mekhanizmov. Moskva, Fizmatgiz, 1962. 399 p.

MECHANISM (PHILOSOPHY)

Glukhova, A. A., and A. M. Dzhigkaev. [Significance of V. I. Lenin's analysis of the revolution in physics for the struggle against idealism and mechanism] Znachenie leninskogo analiza revoliutsii v fizike dlia bor'by protiv "fizicheskogo" idealizma i mekhanizma. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1962. 257 p.

MECHETINSKAYA—BAKERS AND BAKERIES

Bread from customers' flour. A. TSatlin. Sov. potrebkoop. 8 no. 10, 52 O '62.

MEDIASTINUM—TUMORS

Gigantic lipoma of the anterior mediastinum A. T. Grebennikova. Vest. khir. no. 8;66-70 '62.

MEDICAL CARE

"Medical aid for the population in the R. S. F. S. R." by A. G. Safonov. Reviewed by A. F. Serenko. Sov. med 26 no. 8;152-153 Je '62.

MEDICAL CLIMATOLOGY see Climatology, Medical

MEDICAL COLLEGES see subdivision under Moscow, Pyatigorsk

MEDICAL ELECTRONICS

Use of television methods in medicine [with summary in English]. R. E. Bykov. Vest. khir. 87 no. 11;11-15 N '61.

MEDICAL GEOGRAPHY see subdivision under Sakhalin

MEDICAL GEOGRAPHY—ABSTRACTS

[Medical geography] Ref. zhur. Otd. vyp. 36: Med. geog. no. 12 D '62.

MEDICAL INSTRUMENTS AND APPARATUS

Apparatus for producing volatile phytoncide fractions. A. I. Gerasimov. Zhur. ush., nos. i gorl bol 21 no 6 70-71 N-D '61.

Kreitser, A. G. [Handbook on medical instruments] Spravochnik po meditsinskim priboram. Pod red. E. M. Kropsa. Leningrad, Medgiz, 1962. 195 p.

Two innovations. Z. F Rubinshtein. Zdrav. Bel. 8 no. 2, 64 F '62.

MEDICAL JURISPRUDENCE
Expert determinations of intravital decapitation in railroad and other accidents, experimental study. G. V. Kovalevskii. Sud.-med. ekspert. 5 no. 1 6-13 O-D '62.

Postmortem destruction of corpses by animals. A. F. Rubezhanskii. Sud.-med ekspert. 5 no 1 54-55 O-D '62.

Significance of the X-ray study of ecchymoses in forensic medical practice. S. F. Vinter galter, P. P. Shchegolev. Sud.-med ekspert. 5 no 4 3-6 O-D '62

MEDICAL MUSEUMS see subdivision under Leningrad

MEDICAL PERSONNEL
Exchange of experience of the leading workers of rural district hospitals. IA. Z. Zheleznlak. Vrach delo no 8;126-127 Ag '62

Improve the training of the personnel for the organization of the public health system and the history of medicine. Sov. zdrav. 21 no 8 3-6 '62.

Legal consultation. A. V. Rott. Vrach delo no. 8;155-156 Ag '62.

We answer questions. V. Vil'kitskii. Zdrav. Bel. 8 no 2 79 F '62.

MEDICAL PERSONNEL—DISEASES AND HYGIENE
Morbidity in medical workers from epidemic hepatitis, from data of the Ukrainian S. S. R. D. Kh. Pomin. Sov. med. 26 no 7 43-46 Jl '62

MEDICAL PHYSICS
Ognev, B. V., and G. D. Novinskii. [Medicine and physics] Meditsina i fizika. Moskva, Izd-vo "Znanie," 1962. 64 p. (Novoe v zhizni, nauke, tekhnike. VIII Seriia: Biologiia i meditsina, no. 19)

MEDICAL RECORDS
On suggestion for a card file of preventive inoculations of children. A. Dobrilianin. Zdrav. Bel. 7 no 11 45-46 N '61

MEDICAL RESEARCH
(see also subdivision under Kazakhstan)
Involvement of practicing physicians in research work. G. S. Atamanov. Sov. zdrav. 21 no. 8 61-62 '62.

MEDICAL SCREENING see subdivision under Chukchi Peninsula

MEDICAL SOCIETIES
(see also subdivision under Caspian Sea region; Dzerzhinsk, White Russia)
Conference of the Molodechno Committee of the Medical Workers Trade Unions. V. Piskun. Zdrav. Bel. 8 no. 2 68-69 F '62.

MEDICAL TECHNOLOGY
Kapitanov, R. A. [Medicine's ally; the use of communication technology in the medical process] Soiuznitsa meditsiny; primenenie tekhniki sviazi v lechebnom protsesse. Moskva, Izd-vo "Znanie," 1962. 47 p. (Novoe v zhizni, nauke, tekhnike. VIII Seriia: Biologiia i meditsina, no. 22)

MEDICINE
(see also subdivision under Georgia; Kazakhstan; Rumania, Tajikistan; White Russia)
Achievements of contemporary biochemistry and medicine. R. V. Chagovets. Vrach. delo no. 8 3-9 Ag '62.

"Collection of works of the White Russian State Institute for Postgraduate Medical Training." Vol. 2(Part 1). Reviewed by M. Piletskii. Zdrav. Bel. 7 no 11 71-76 N '61.

"History of medicine. Selected lectures" by F. R. Borodulin. Reviewed by V. N. Emel'ianov. Sov. zdrav. 21 no. 8 85-87 '62.

Letters and notes. Zdrav. Bel. 8 no. 7 92-93 Jl '62.

News in medicine. Zdrav Tadzh. 9 no. 4, 67-68 Jl-Ag '62.

Progress of medicine in connection with the development of allied disciplines. B. V. Ognev. Khirurgiia no 12 3-10 '61.

[Significant and anniversary dates in the history of medicine for 1963] Znamenatel'nye i iubilejnye daty istorii meditsiny 1963 goda. Moskva, Medgiz, 1962. 61 p.

Study of the history of medicine at the Lugansk Medical Institute. T. S. Ugnivenko. Sov. zdrav. 21 no. 8 74-75 '62.

Time and diseases [with summary in English]. I. P. Lerner, A. I. TSyganov. Zhur. ush., nos i gorl bol. 21 no 6 3-4 N-D '61.

Vol'skii, M. E. [Selected works] Izbrannye trudy. Frunze, Kirgizskoe gos. izd-vo, 1962. 257 p. (DNLM)

MEDICINE—ABSTRACTS
Abstracts. Sov. med. 26 no. 6;135-137 Je '62.

Abstracts. Sov. med. 26 no. 7;141-144 Jl '62.

[Medical abstracts] Med. ref. zhur. sect. 3 vol. 6 no. 11 N '62, Sect. 4 vol. 6 no. 11 N '62, Sect. 7 vol. 6 no. 11 N '62, Sect. 9 vol. 6 no. 11 N '62.

MEDICINE—BIBLIOGRAPHY see Bibliography—Medicine

MEDICINE—CONGRESSES
First Republic conference of practicing physicians. Zdrav. Bel. 8 no 7 81-86 Jl '62.

MEDICINE—STUDY AND TEACHING
The visiting instructors' cycle is a new form of postgraduate training. B. M. Khromov. Sov. zdrav. 21 no 8 50-53 '62

MEDICINE—TECHNOLOGICAL INNOVATIONS
Medicine and technology. P. A. Kupalianov. Vest. khir. 87 no 11 3-10 N '61

MEDICINE, EXPERIMENTAL—YEARBOOKS
Akademiia meditsinskikh nauk SSSR, Moscow. Institut eksperimental'noi meditsiny. [Yearbook of experimental medicine for 1960] Ezhegodnik za 1960 god. Leningrad, 1961. 552 p. (Its. Trudy, vol 6)
(DNLM)

MEDICINE, INDUSTRIAL
(see also subdivision under Grodno, Minsk)
Bogatyrev, I. D. [Disease incidence among and preventive medical examination of industrial workers] Zabolevaemost' i lechebno-profilakticheskoe obsluzhivanie promyshlennykh rabochikh. Moskva, Medgiz, 1962. 270 p.
(DNLM)

Gavrilov, N. I., and others. [Work experience of medical and sanitary units] Opyt raboty mediko-sanitarnykh chastei. Moskva, Medgiz, 1962. 121 p.
(DNLM)

Improve medical service for workers and employees in industrial enterprises. L. K. Sokolova. Zdrav. Bel. 8 no 7 3-7 Jl '62.

Results of a three-year study of the changes in the functions of some organs and systems in workers in the chloroprene industry. V. M. Avakian and others. Trudy Erev. med. inst. no. 11 211-215 '60.

MEDICINE, INTERNAL
Shchupak, N. D. [Extrapulmonary tuberculosis in the clinic for internal diseases] Vnelegochnyi tuberkulez v klinike vnutrennikh zabolevanii. Leningrad, Medgiz, 1962. 190 p.
(DNLM)

MEDICINE, MILITARY
[Military epidemiology] Voennaia epidemiologiia. Leningrad, Medgiz, 1962. 135 p.
(DNLM)

MEDICINE, MILITARY—STATISTICS
From the history of Russian sanitation and military medical statistics. L. L. Polfakov. Sov. zdrav. 21 no. 8 63-66 '62.

MEDICINE, POPULAR
How not to popularize the experience of popular medicine and the achievements of medical science; the popular scientific works of N. P. Iofrisha on bee honey and venom. G. P. Zaitsev, N. M. Artemov, V. T. Portnikh. Sov. med. 26 no. 7;154-158 Jl '62.

MEDICINE, PSYCHOSOMATIC see subdivision under France

MEDICINE, RURAL
Basic tasks in rural medical services for women [with summary in English]. V. A. Pokrovskii. Vop. okh. mat. i det. 7 no. 7;72-75 Jl '62.

MELAMINE
Using melamine-formaldehyde resins in the production of building materials. A. E. Zarubitskii. Stroi. mat. 8 no 10 3 of cover. O '62

MELANOIDS
Melanoidinic preparations from malt sheets. V. P. Kolotusha, P. M. Mal'tsev. Izv. vys. ucheb. zav., pishch. tekh. no. 4;89-93 '62.

MELIKSHAKHIAN, POGOS, 1788-1855
Philosophical views of Pogos Melikshakhian (Pizik-Pogos) [in Armenian with summary in Russian]. Ed. Sh. Arutiunian. Izv. AN Arm. SSR, Obshchestv. nauki no. 6, 15-30 S '62.

MELONS see subdivision under Surkhan-Darya Valley

MELONS—TRANSPORTATION
Transporting watermelons in containers. M. Antonov, I. Ionova. Sov. potreb. koop. 8 no 7;46 Jl '62

MENINGES—TUBERCULOSIS
Case of an atypical course of tuberculous meningitis. Kh. Kh. Khasina. Vrach. delo no. 8;115 Ag '62.

MENINGITIS
(see also subdivision under Zaporozh'ye)
Case of severe postinfluenzal optic chiasmatic arachnoiditis. A. L. Ostapenko. Trudy Turk. nauch.-issl. trakh. inst. 6;177-179 '60.

MENSTRUATION
Disorders of the menstrual cycle in epilepsy. L. G. Tumilovich. Akush. i gin. no. 1;48-50 '62

Use of the preparation meprobamate (andaxin) in treating the premenstrual symptom complex. M. Khonchak, A. Viktor. Akush. i gin. no. 1;29-31 '62.

MENSURATION
The concept of measurement. A. G. Fleer. Izm. tekh. no. 9 7-8 S '62

Develop mensuration methods and equipment for precision measurements. A. P. Rudnev. Izm. tekh. no. 11 1-2 N '62

Extensive introduction of new means and methods of measurement into industrial production. G. N. Sharonov. Izm. tekh. no. 9 56-58 S '62.

From periodicals. Izm. tekh. no. 9;63-64 S '62

Measurement and its essential characteristics. V. V. Varnello, Vanbo Pak. Izm. tekh. no. 9 1-7 S '62

Measuring processes. I. D. Faimerman. Izm. tekh. no. 9 8-9 S '62.

Pirlatin, V. D. [Processing the results of experimental measurements by the method of least squares] Obrabotka rezul'tatov eksperimental'nykh izmerenii po sposobu naimen'shikh kvadratov. Khar'kov, Izd-vo Khar'kovskogo univ.
Part 1. [Linear and parabolic relationships between measurement results] Priamolinejnaia i parabolicheskaia zavisimost' mezhdu rezul'tatami izmerenii. 1962. 215 p.

Relationship between the information and energy in measurements. V. M. Ginzburg. Izm. tekh. no. 11 6-8 N '62

Should the determination of the concept "measurement" be reviewed? P. N. Agaletskii. Izm. tekh. no. 9 1-4 S '62.

Television methods of measuring the dimensions of objects. V. S. Polonik. Tekh. kino i telev. 6 no. 11 31-39 N '62.

MENSURATION—ABSTRACTS
[Measurement techniques] Ref. zhur. Otd. vyp. 32: Izm. tekh. nos. 22-24 N-D '62.

MENSURATION—PROBLEMS, EXERCISES, ETC.
One of the ways to solve problems in stereometry. IA. I. Aizenshtat, V. A. Kaurkovskii. Mat. v shkole no 1 56-57 Jl-Ag '62

MENTAL HYGIENE
"Tasks of mental hygiene and practical psychiatry, four reports of WHO experts [translated into German]." Reviewed by T. I. Goldovskaia. Zhur. nevr. i psikh. 62 no 6 939-942 '62.

MENTAL ILLNESS
Clinical characteristics of mental disorders in patients with acquired heart defects following mitral commissurotomy [with summary in French]. V. M. Banshchikov and others. Zhur. nevr. i psikh. 62 no 6 916-920 '62.

Differences in the neurodynamics in neuropsychiatric diseases with a dominance of "sick points" [with summary in French]. N. G. Gartsshtein. Zhur. nevr. i psikh. 61 no. 10;1505-1509 '61

Electroencephalographic characteristics of visual afterimages in some mental diseases. A. A. Megrabian, S. L. Avakian, R. K. Arutiunian. Trudy Erev. med. inst. no. 11;173-181 '60.

History of the theory of psychopathies (S. S. Korsakov's conclusion on the work of P. Kachka). O. V. Kozlikov, L. I. Rokhlin. Zhur. nevr. i psikh. 61 no 10;1560-1573 '61.

"Pathogenetic approaches to psychic disturbances" [in French] by P. Cossa. Reviewed by T. Papadopulos. Zhur. nevr. i psikh. 61 no. 10 1586-1587 '61.

Significance of psychic trauma in the development of Dunn-Harmann jaw winking synkinesis; clinical observation [with summary in French]. A. K. Popov. Zhur. nevr. i psikh. 62 no 6,860-861 '62.

Study of some factors contributing to the formation of psychopathies [with summary in French]. V. IA. Gindikin. Zhur. nevr. i psikh. 61 no. 10;1546-1554 '61.

MENTALLY ILL
Detection of typhoid fever during the incubation stage in a female mental patient. M. F. Smaga. Zhur. mikrobiol., epid. i immun. 32 no. 12;112-113 D '61.

MENTHENONE
Chemical nature of "liquid pulegone oxide." S. A. Kozhin, S. I. IAkimovich, G. V. Pigulevskii. Zhur. ob. khim. 32 no. 10;3455-3456 O '62.

MEPROBAMATE
Use of the preparation meprobamate (andaxin) in treating the premenstrual symptom complex. M. Khonchak, A. Viktor. Akush. i gin. no. 1;29-31 '62.

MEPROBAMATE THERAPY
Andaxin treatment of affective-emotional disorders during the climacteric. G. V. Arkhangel'skii. Akush. i gin. no. 1;27-29 '62.

MERCAPTANS see Thiols

MERCAPTO COMPOUNDS

Amount of sulfhydryl compounds in separate fractions of serum proteins in patients with liver cirrhosis, cholecystitis, and nephritis [with summary in English]. Vop med khim 8 no 1 53-58 Ja-F '62.

MERCAPTO GROUP

Interaction of highly purified aspartic-glutamic transaminase with reagents that block sulfhydryl groups [with summary in English] O L Polianovskii Biokhimiia 27 no 4 734-743 Jl-Ag '62

Quantitative change in the sulfhydryl groups in liver cell nucleoproteins of irradiated rats [with summary in English] E M Kedrova, Zh V Antokol'skaia, V M Rodionov Biokhimiia 27 no 4 685-688 Jl-Ag '62

MERCHANT MARINE
(see also subdivision under Soviet Far East)

Baltiskoe gosudarstvennoe morskoe parokhodstvo. Tekhnicheskii sovet. [Suggestions for efficiency-promoting measures] Sbornik ratsionalizatorskikh predlozhenii Leningrad, Izd-vo "Morskoi transport," 1959. 43 p.
[MICROFILM]

A well coordinated work is the basis of the merchant marine and railroad operations. V G Bakaev Zhel dor transp 44 no 11 10-19 N '62

MERCHANT MARINE—COST OF OPERATION

Combined planning of fleet and harbors. O. P. Zykova. Trudy TSNIIMF no. 29 69-80 '60.

Introduction of a new system for planning ship repair plant operations. A. G. Zamakhovskaia, G. D. Gazarov, V. V. Zinin. Trudy TSNIIMF no. 29:33-42 '60

Justifying the volume of major repairs of merchant ships. N. D. Kogan. Trudy TSNIIMF no. 29:16-23 '60

Methods of economic justification for selecting the optimum variant of a sea transportation ship. S. V. Lainer, E. L. Limonov. Trudy TSNIIMF no. 29:62-68 '60.

MERCHANT MARINE—DICTIONARIES

Doroshkevich, N. O., V. P. Mandrik, and M. S. Smirnova. [The English language in sea navigation] Angliiskii iazyk dlia sudovoditelei Moskva, Morskoi transport, 1962. 221 p.

MERCHANT MARINE—LABOR PRODUCTIVITY

Basic factors in the growth of labor productivity in the merchant marine. S. D. Sakharov. Trudy TSNIIMF no. 29 21-32 '60.

MERCHANT MARINE—MANNING OF VESSELS

Principles of calculating the numerical composition of prospective merchant ship crews. P. I. Kutianin. Trudy TSNIIMF no. 29 50-61 '60.

MERCHANT SEAMEN

Beacons of the North-Western . Rech transp 21 no 11 24, 39-41 43 N '62.

MERCHANT SHIPS—CARGO see Ships—Cargo

MERCHANT SHIPS—MAINTENANCE AND REPAIR

Introducing the system of shaft line repair sizes on motorships with 3D6 engines V. Barannikov Rech transp 21 no 11 25-27 N '62.

MERCURY

Possibilities of utilizing primary halos of dispersion of mercury in prospecting for antimony deposits. N. A. Ozerova. Uch. zap. SAIGIMSa no. 5 69-79 '61.

MERCURY—ANALYSIS

Shape of curves of the amperometric titration of mercury with potassium iodide as determined by the indicator electrode potential. O. A. Songina, V. A. Zakharov. Zav. lab. 28 no. 8:908-910 '62.

MERCURY-ARC RECTIFIERS

Selection of the parameters of a static phase regulator. N. P. Kunitskii, G. M. Ivanov. Izv. vys. ucheb. zav.; elektromekh. 5 no. 10.1145-1159 '62.

MERCURY-ARC RECTIFIERS—COOLING

The number of heat exchangers may be cut in half. S. M. Kokin. Elek. i tepl. tiaga 6 no. 10:37 O '62.

MERCURY CHLORIDE

Kinetics and mechanism of the addition of mercuric chloride to acetylene derivatives in methyl alcohol. Report No. 2. G. F. Dvorko. Ukr. khim. zhur. 28 no. 8:945-951 '62.

MERCURY INDUSTRY

Mercury industry in foreign countries. N. A. Egorov. Met. i gornorud. prom. no. 2 92-94 Mr-Ap '62.

MERCURY MINES AND MINING

Exploit small deposits to increase the output of mercury. A. K. Poliakov. Uch. zap. SAIGIMSa no. 5:149-151 '61.

MERINO SHEEP see subdivision under Caucasus, Northern

MESENTERIC VEIN—DISEASES

Intestinal infarction of venous origin; a survey of the literature. V. K. Tumanskii, M. P. Rubin. Sov. med. 26 no. 7:67-71 Jl '62.

MESENTERY—DISEASES

Case of spontaneous perforation of a chylous cyst of the mesentery of the small intestine V. D Firsov. Khirurgiia no 12 118 '61

MESENTERY—TUMORS

Leiomyoma of the mesentery simulating acute appendicitis. S. P Mokrovskaia Vest. khir no 6.87-88 '62

MESONS

Angular distributions of π-mesons produced in nucleon collisions and the hypothesis of isotopic invariance [with summary in English] Liui Min', IU. D Prokoshkin Zhur eksp. i teor fiz 43 no 4 1202-1207 O '62

Calculation of the polarization of low energy cosmic ray muons [with summary in English] V Berezinskii, B Dolgoshein Zhur. eksp i teor. fiz. 42 no. 1 1084-1087 Ap '62

Data on $\pi\pi$-interactions derived from π-meson production reactions in π p-collisions [with summary in English]. IA. IA Shalamov, A F. Grashin Zhur eksp. i teor fiz 42 no 1 1115-1121 Ap '62.

Elastic production of π^0-photomesons on carbon at an energy of 155 Mev. [with summary in English]. B B. Govorkov, S P. Denisov, E. V Minaiik Zhur. eksp. i teor fiz 42 no. 1 1010-1017 Ap '62.

Generation of π^0 -mesons in the Coulomb field of the nucleus [with summary in English] V V Barmin and others Zhur eksp. i teor fiz 43 no. 4 1223-1230 O '62

Inelastic pn-interactions at an energy of 9 Bev. V. A. Botvin, Zh. S. Takibaev, P. A. Usik. Dokl. AN SSSR 146 no. 4:785-788 O '62.

Mass of a complex vector field [with summary in English] I B Khriplovich. Zhur. eksp i teor fiz. 43 no. 4 1193-1495 O '62

Origin of high-energy cosmic muons and photons and the hyperon hypothesis [with summary in English] IU D Kotov, I L Rozental'. Zhur eksp i teor fiz 43 no 4 1411-1418 O '62

$\pi\pi$-Interaction in multiple π-meson production in πp-collisions [with summary in English] M. S. Atmuldinov and others Zhur eksp. i teor. fiz. 43 no 4.1543-1546 O '62

Photoproduction of π^0-mesons at high energies [with summary in English]. V. M. Arutiunian. Zhur. eksp i teor. fiz. 42 no. 4 1112-1114 Ap '62

Photoproduction of π^0-mesons on hydrogen and deuterium in the region of small angles A S. Belousov and others. Zhur eksp. i teor fiz 43 no 4 1550-1552 O '62.

Polarization of low energy cosmic ray muons at sea level [with summary in English]. B Dolgoshein, B. Luchkov, V. Ushakov. Zhur. eksp. i teor. fiz. 42 no. 4 940-955 Ap '62.

Search for resonances in the reaction of $K^0\bar{K}^0$ pair production V. V Barmin and others Zhur. eksp i teor. fiz 43 no 4 1564-1565 O '62

Spin of the ρ-meson. A. F. Grashin, IA. IA. Shalamov. Zhur eksp. i teor. fiz. 42 no 4:1140-1141 Ap '62.

Use of dispersion relations in determining the amplitude of π-meson production in neutrino - nucleon collisions [with summary in English] Nguen Van Khieu Zhur eksp i teor fiz 43 no 4:1296-1300 O '62

MESONS—DECAY

Anomaly in μ--meson decay in mesic atoms of transition metals of the iron group [with summary in English] L B Egorov and others Zhur eksp. i teor fiz 43 no 4 1149-1153 O '62.

On possible decays of new mesons [with summary in English]. I. IU Kobzarev, L. B. Okun'. Zhur. eksp. i teor. fiz. 43 no. 4.1288-1295 O '62

On some interference phenomena in $K^0\bar{K}^0$ systems [with summary in English] V. I. Ogievetskii, M. I. Podgoretskii Zhur. eksp i teor. fiz. 43 no. 4:1362-1364 O '62

Polarization effects in the radiative decay of π-mesons [with summary in English] S. A Gadzhiev, A. I. Mukhtarov Zhur eksp i teor fiz. 43 no 4:1275-1280 O '62

Slight probability of the processes $\mu \to e+\gamma, \mu \to e+e+e$ and neutral currents in weak interactions [with summary in English] B. Pontecorvo Zhur eksp. i teor. fiz 43 no. 4 1521-1523 O '62.

MESONS—SCATTERING

Analytic properties of partial amplitudes [with summary in English]. IU M Maliuta Zhur. eksp. i teor fiz. 43 no 4.1397-1399 O '62.

Effect of $\pi\pi$-interaction on s- and p-waves of πN-scattering [with summary in English]. P. S. Isaev, V. A. Meshcheriakov. Zhur. eksp. i teor fiz. 43 no. 4 1339-1348 O '62.

Elastic scattering of Λ-hyperons and K^0_2-mesons on hydrogen [with summary in English]. V. A. Arbuzov and others. Zhur. eksp. i teor. fiz. 42 no. 4:979-984 Ap '62.

Regge fermion poles and the asymptotic nature of meson-nucleon scattering in the region of large angles [with summary in English]. V. N. Gribov. Zhur. eksp i teor. fiz 43 no. 4:1529-1534 O '62

METABOLISM

Free radicals of metabolic origin. Z. P. Kometiani. Biofizika 7 no. 4:407-410 '62.

Gas exchange and energy losses in patients operated on under potentiated anesthesia [with summary in English] P. N Makushkin, L. B Vereshilova Vest khir. 87 no 11, 96-101 N '61

METAL CLEANING

Automated tumbling barrel model 2A11, for cleaning castings. D M. Litvin, I. Sh. Gitelman Lit proizv no 9:10-12 Ag '62

METAL CUTTING
(see also subdivision under Kulpino)

Effect of the oxidation of frictioning surfaces on the readings of a normal thermocouple. G. I. IAksiin, V. A. Mikhaev. Izv vys. ucheb. zav., mashinostr. no. 6:84-89 '62.

Nefedov, N. A., and K. A. Osipov. [Problems and examples of metal cutting and metal-cutting tools] Sbornik zadach i primerov po rezaniiu metallov i rezhushchemu instrumentu. Moskva, Mashgiz, 1962. 224 p.

Petrov, V. A., and G. G. Epel'man. [Line multiple machining of parts] Poliechno-gruppovaia obrabotka detalei, opyt Leningradskogo zavoda poligraficheskikh mashin. Leningrad, 1962. 28 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom Serila: Organizatsiia proizvodstva, no. 4)

Technological processes in machining hydraulic cylinders. M. V. Nekrasov. Stan. i instr. 33 no. 11:20 N '62.

Technological processes in manufacturing draw-in chucks for automatic lathes. L. I. Turifanskii. Stan. i instr. 33 no. 11 17-20 N '62.

METAL CUTTING—VIBRATION

Fundamentals of the theory of natural vibrations occurring during metal cutting. M. E. Eliashberg. Stan. i instr. 33 no. 11 3-6 N '62

METAL CUTTING, ELECTRIC see Electric metal cutting

METAL-CUTTING TOOLS

Borisov, IU. N., V. A. Pogorlev, and V. A. Savenko. [Ceramics cut metals] Keramika rezhet metall. [Stalingrad] Stalingradskoe knizhnoe izd-vo, 1961. 32 p.

Diamond machining of cutting tools equipped with hard alloys. A. M. Kuratygin, B. S. Korshunov. Vest. mashinostr. 42 no. 11:17-19 N '62.

Nefedov, N. A., and K. A. Osipov. [Problems and examples of metal cutting and metal-cutting tools] Sbornik zadach i primerov po rezaniiu metallov i rezhushchemu instrumentu. Moskva, Mashgiz, 1962. 224 p.

Vainshtein, B. N. [Efficient designs of cutting tools and cutters] Ratsional'nye konstruktsii reztsov i fres [Perm'] Permskoe knizhnoe izd-vo, 1962. 10 p (Molodomu mashinostroiteliu)

METAL DETECTORS

Method of increasing the sensitivity of transducers consisting of parallel connected elements. A. K. Rastorguev Izv vys. ucheb zav., tekh tekst prom no. 5 109-115 '62.

METAL FOILS

Deceleration of light ions in thin metal foils. Zh. V Gill, V G. Tel'kovskii. Radiotekh i elektron 7 no 11 1956-1961 N '62.

METAL IONS

Possibility of synthesizing polymeric chelates from diene amides and some metal ions [with summary in English] V N Odnorulova, G I Kudriavtsev Vysokom soed 4 no 9:1314-1319 S '62.

METAL POWER PRODUCTS

Powder metal wire for semiautomatic welding in assembly operations. A. M. Gofner, L. T. Chernushenko. Svar. proizv. no. 8:5-7 Ag '62.

Three-layer copper-iron-copper strips manufactured from powders [with summary in English] O A Katz, G. A. Vinogradov Poroshk met 2 no 5:69 67 S-O '62

Ultrasonic impregnation of porous ceramic parts [with summary in English]. I. N. Germanovich, N. N. Dorozhkin, L. M. Kabol'skii Poroshk met 2 no 5 84-89 S-O '62.

METAL-ROLLING see Rolling (Metalwork)

METAL SPRAYING—STANDARDS

Russia (1923- U.S.S.R.) Gosudarstvennyi komitet po delam stroitel'stva. [Provisional instructions on the anticorrosive protection of steel insertion parts and welded joints in large-panel buildings (SN 206-62)] Vremennye ukazaniia po antikorrozionnoi zashchite stal'nykh zakladnykh detalei i svarnykh soedinenii v krupnopanel'nykh zdaniiakh (SN 206-62). Moskva, Gosstroiizdat, 1962. 26 p.

METALLIC FILMS

Wearing properties of copper films condensed in a vacuum. L. S. Palatnyk, O. I. Il'inskyi. Ukr. fiz. zhur. 7 no. 1:77-79 Ja '62.

METALLIC OXIDES

Estimating the surface activity of fused salts (oxides) O. K. Sokolov Izv vys. ucheb. zav. tsavet met 5 no. 5 67-70 '62.

METALLIC OXIDES (Continued)
Exothermic reactions of silicon, aluminum, and iron oxides with calcium oxide on heating. V. M. Surovkin. Uch. zap. SAKHIMSa no. 5 219-223 '61.

Experimental determination of the activity of zinc oxide in synthetic slags. B. V. Lebed', V. I. Smirnov. Dokl. AN SSSR 147 no. 1,159-161 N '62.

Kinetics and mechanism of the aging of metallic hydroxides. Part. 6: Determination of the water content of bivalent metal hydroxides. V. P. Chalyi, S. P. Rozhenko, Z. IA. Makarova. Ukr. khim. zhur. 28 no. 8:915-920 '62.

Kinetics and mechanism of the aging of metallic hydroxides. Part. 7: Determination of the water content of trivalent metal hydroxides. V. P. Chalyi, S. P. Rozhenko, Z. IA. Makarova. Ukr. khim. zhur. 28 no. 8:921-923 '62.

METALLOGRAPHY
Investigation of the structural transformations of surface layers and approximate evaluation of friction temperature. L. P. Vinogradova, S. S. Kulagina. Zav. lab. 28 no. 8:984-986 '62.

Microscopic pycnometry of solids with microcavities [with summary in English] IA. E. Geguzin, N. N. Ovcharenko. Poroshk. met. 2 no. 5:15-19 S-O '62

Pavlov, V. A. [Physical principles of the plastic deformation of metals] Fizicheskie osnovy plasticheskoi deformatsii metallov. Moskva, Izd-vo Akad. nauk SSSR, 1962. 198 p.

Preparing thin plates for the study of metal transparency by electron microscopy. M. P. Longinov, V. A. Zvereva. [Sbor. trud.] Nauch.-issl. inst. met. no. 4:151-157 '61.

METALLURGIC CHEMISTRY see Chemistry, Metallurgic

METALLURGICAL ANALYSIS
"Some methods of analysis used in ferroalloy plants" by M. V. Babaev. Reviewed by A. A. Fedorov and V. Surgeev. Zav. lab. 28 no. 11:1103-1104 '62.

METALLURGICAL FURNACE
Efficiency of using natural gas in ferrous metallurgy. V. P. Adrianova, P. G. Khripko. Izv. vys. ucheb. zav., chern. met. 5 no. 10:198-202 '62.

From the exhibition of Achievements of the National Economy. G. U. Dashevskaia. Metalloved. i term. obr. met. no. 11:45-52 N '62

METALLURGICAL FURNACES—COMBUSTION
Potentialities for greater efficiency in the use of fuel and power resources in ferrous metallurgy. M. N. Seredenko, N. A. Shapovalov, N. S. Kalita. Stal' 22 no. 9:850-852 S '62.

METALLURGICAL LABORATORIES
Work of the Central Laboratory of the "Serp i molot" factory. L. Lekht. Zav. lab. 28 no. 11:1391-1392 '62.

METALLURGICAL PLANTS
Pneumatic-tube transportation of steel samples in metallurgical plants. S. A. Nazarov. Zav. lab. 28 no. 11:1396-1397 '62.

Scientific technical conference of engineers inspecting metallurgical enterprises. P. N. Vorob'ev. Bezop. truda v prom. 6 no. 6:38 Je '62

METALLURGICAL PLANTS—HEATING AND VENTILATION
Butakov, S. E. [Principles of the ventilation of hot metal-working plants] Osnovy ventilitatsii goriachikh tsekhov. Sverdlovsk, Metallurgizdat, 1962. 286 p. [MICROFILM]

Exhaust suction of flue gases from electric arc and other furnaces. V. P. Fomichev. Lit. proizv. no. 8:38 Ag '62

Ventilation of intershop areas and the standardization of general plans of metallurgical plants. A. A. Melikseteov. Bezop. truda v prom. 6 no. 6:14-16 Je '62.

METALLURGICAL RESEARCH see subdivision under Chelyabinsk; Dnepropetrovsk, Ural Mountain region, Yenakiyevo; Zaporozh'ye; Zlatoust)

METALLURGISTS
July 15 is Metallurgist's Day. TSvet. met. 35 no. 7:1-2 Jl '62.

METALLURGY—ABSTRACTS
[Metallurgy] Ref. zhur. - Met. no. 11 N '62.

METALLURGY—EQUIPMENT AND SUPPLIES
New metallurgical equipment in foreign countries. V. M. Krivoshein. Met. i gornorud. prom. no. 2:81-85 Mr-Ap '62.

METALLURGY—PERIODICALS
Conference among readers of the scientific and technical publication "Metallurgicheskaia i gornorudnaia promyshlennost'." Met. i gornorud. prom. no. 2 80 Mr-Ap '62.

METALS—ANALYSIS
Determination of impurities in selenium. N. P. Strel'nikova, G. G. Lysenova, G. S. Dolgorukova. Zav. lab. 28 no. 11:1319-1321 '62.

METALS—BIBLIOGRAPHY see Bibliography—Metals

METALS—DENSITY
Microscopic pycnometry of solids with microcavities [with summary in English] IA. E. Geguzin, N. N. Ovcharenko. Poroshk. met. 2 no. 5:15-19 S-O '62

METALS—FATIGUE
Effect of residual stresses on the fatigue strength of welded structures. N. A. Klykov. Avtom. svar. 15 no. 10:22-31 O '62

The problem of using models to study the phenomenon of fatigue. A. D. Bogomolov. Sbor. trud. LIIZHT no. 174:135-142 '60

The strength criterion in thermal fatigue. N. D. Sobolev, V. I. Egorov. Dokl. AN SSSR 147 no. 2:350-352 N '62.

Taking into account the inertion forces in the calculation of stresses in a specimen tested for fatigue. V. I. Nikitin. Zav. lab. 28 no. 8:986-987 '62.

METALS—FINISHING
Selecting operating conditions for burnishing parts with balls or rolls. IU. G. Proskuriakov, V. M. Men'shakov. Vest. mashinostr. 42 no. 11:60-63 N '62

METALS—HARDENING
Strength of metals and ways to increase it. V. I. Likhtman. Fiz. v shkole 22 no. 2:4-11 Mr-Ap '62.

METALS—OXYGEN CONTENT
Rapid determination of oxygen in metals by spectral analysis. S. B. Shubina and others. Zav. lab. 28 no. 8:942-943 '62.

METALS—SPECTRA
Exchange of experience. Zav. lab. 28 no. 11:1333 '62.

METALS—TESTING
Improved method of vibrating string for measuring the contact difference of potentials. L. A. Andreev. Zav. lab. 28 no. 8:962-965 '62.

Modulus of plastic indentation as hardness characteristic. E. G. Dolmatov. Metalloved. i term. obr. met. no. 8:45 Ag '62.

METALS—WELDING
Glukhanov, N. P., and V. N. Bogdanov. [Welding metals with high-frequency heating] Svarka metallov pri vysokochastotnom nagreve. Moskva, Mashgiz, 1962. 189 p.

METALS, EFFECT OF RADIATION ON
Coefficient of linear expansion of irradiated alkali halide crystals. I. N. Anokhina, I. G. Berzina, P. A. Savintsev. Kristallografiia 7 no. 4:637-639 Jl-Ag '62.

Symposium at the Institute of Metals in London. Atom. energ. 13 no. 5:500-505 N '62

METALS, EFFECT OF TEMPERATURE ON
Changes of structure during the heating of cold-drawn stainless steel. L. A. Dolinskaia, S. Z. Nekrasova. Metalloved. i term. obr. met. no. 8:22-24 Ag '62

Characteristics of cast iron growth. G. F. Tikhonov. Metalloved. i term. obr. met. no. 8:2-6 Ag '62

Effect of temperature on the corrosion resistance of tin in acid media. V. A. Khitrov, V. I. Shatalova. TSvet. met. 35 no. 11:85-86 N '62

Effect of temperature on the degree of purification of manganese sulfate solutions from nickel. D. S. Chikashua, O. I. Voitenko. Stal' 22 no. 9:814 S '62.

Livshits, L. S. [Role of alloyed steel composition on the conservation of structural homogeneity, and the properties of welded joints during heat time] Rol' sostava legirovannykh stalei v sokhranenii strukturnoi odnorodnosti i svoistv svarnykh soedinenii pri dlitel'nykh rabochikh nagrevakh. Moskva, VNIIST Glavgaza SSSR. Redaktsionno-izd. otdel, 1962. 56 p.

Mechanical properties and microstructure of carbon steel during induction heating for forging. S. A. Altakov. Kuz.-shtam. proizv. 4 no. 11:35-41 N '62.

METALS, RARE AND MINOR see subdivision under Caucasus

METALS AT HIGH TEMPERATURES
Characteristics of nickel structure at high temperatures. M. G. Loginskii, E. I. Antipova. Metalloved. i term. obr. met. no. 11:18-20 N '62.

Determination of the stresses of plastic extension at high temperatures and high rates of deformation. O. I. Kachainik, S. I. Berman. Zav. lab. 28 no. 8:971-975 '62.

Investigating inclusions in U10A steel with a varying degree of plasticity. M. I. Vinograd, G. P. Gromova. Stal' 22 no. 9:842-845 S '62

Mechanical properties of alloys of the system copper-nickel at elevated temperatures. B. IA. Pines, I. G. Ivanov. Fiz. tver. tela 4 no. 8:2109-2115 Ag '62.

Mechanical properties of D16 alloy sheets during heating. E. I. Shilova, O. G. Nikitaeva. Metalloved. i term. obr. met. no. 11:23-27 N '62.

Mechanical properties of LK-80-31 brass at high temperatures. K. G. Iserson. Lit. proizv. no. 8:37 Ag '62

METALS AT LOW TEMPERATURES
Effect of cold treatment on the mechanical properties of tool steel. U. G. Vyshkovskii. Izv. vys. ucheb. zav.: chern. met. 5 no. 10:111-116 '62.

Effect of size and purity on the electric resistance of metals in a longitudinal magnetic field at helium temperatures [with summary in English] B. N. Aleksandrov. Zhur. eksp. i teor. fiz. 43 no. 4:1231-1241 O '62

METALWORK
Increasing the industrial plasticity of stainless austenitic steel. V. P. Martynov. Metalloved. i term. obr. met. no. 8:30, 35 Ag '62.

METALWORK, GRECO-ROMAN
"Studies of Hellenistic and Roman toreutic." Part 1, [in German] by Harald Kuhnan (in Jahrbuch des romisch-germanischen Zentralmuseums Mainz, 1958). Reviewed by M. I. Maksimova. Sov. arkheol. 6 no. 1:248-252 '62.

METALWORKING LUBRICANTS
Cold drawing of tubes with improved lubrication. V. L. Kolmogorov, K. P. Selishchev. Stal' 22 no. 9:830-831 S '62.

Cold rolling of sheet steel with use of surface active metalworking lubricants. I. A. Chamin, I. K. Tokar', V. V. Zaitsev. Sbor. trud. TSNIICHM no. 28:7-23 '62

METALWORKING LUBRICANTS—TESTING
Investigating the lubricating capacity of ultra-dispersed metalworking lubricants. I. A. Chamin, I. K. Tokar', V. N. Bannan. Sbor. trud. TSNIICHM no. 28 24-34 '62.

METALWORKING MACHINERY
Kurchenko, V. I. [Use of electric-spark machining in the manufacture of metalworking tools] Primenenie elektrokorozionnoi obrabotki v instrumental'nom proizvodstve. Leningrad, 1962. 17 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia Mekhanicheskaia obrabotka metallov, no. 18)

Semiautomatic machine for the bending of copper armature section heads. B. A. Ioffe, V. F. Zholavskii. Kuz.-shtam. proizv. 4 no. 11:32-34 N '62.

METAMORPHISM (GEOLOGY)
(see also subdivision under Kara-Mazar Mountains)
Contact phenomena and magmatic differentiation in gabbro-diabase intrusives among Pre-Devonian deposits of western Bashkiria. S. G. Merozov, D. V. Postnikov. Dokl. AN SSSR 147 no. 2:445-447 N '62.

METEORIC GLASS see Tektite

METEORITES
Isotopic composition of lead in meteorites in connection with their origin. I. E. Starik and others. Biul. Kom. po opr. abs. vozr. geol. form. no. 5:12-25 '62.

Isotopic composition of xenon in meteorites. L. K. Levskii. Geokhimiia no. 9:837-838 '62.

Organic substances of meteorites. A. I. Oparin. Starsh.-serzh. no. 9:30-31 S '62

METEOROLOGICAL OPTICS
Kucherov, N. I. [Atmospheric conditions affecting observations] Astroklimat. Moskva, Izd-vo "Znanie," 1962. 38 p. (Novoe v zhizni, nauke, tekhnike. IX Seriia: Fizika i khimiia, no. 17)

METEOROLOGY
Accuracy and methodology in constructing mean temperature and absolute geopotential charts. L. G. Zastavenko, I. V. Khanevskaia. Trudy NIIAK no. 16:3-15 '62.

Construction and analysis of charts of temperature extremes and the height of isobaric surfaces. Z. D. Pashkova, M. V. Sokolova. Trudy NIIAK no. 16:28-32 '62.

Frolov, V. A. [Delving into the secrets of the weather] Vtorzhenie v tainy pogody. Leningrad, Gidrometeoizdat, 1962. 61 p.

Methodology of calculating fields of density on aeroclimatic charts. G. S. Bushkanets. Trudy NIIAK no. 16:41-44 '62.

Methodology of constructing mean vertical cross sections. I. M. Moskaleva. Trudy NIIAK no. 16 52-56 '62.

Use of the mean quadratic temperature departure and the height of isobaric surfaces in aeroclimatology. V. N. Beliaeva, O. B. Mertsalova, Z. D. Pashkova. Trudy NIIAK no. 16:20-27 '62.

METEOROLOGY—CONGRESSES
Vsesoiuznoe nauchnoe meteorologicheskoe soveshchanie, 1st, Leningrad, 1961. [Transactions of the All-Union Meteorological Conference] Trudy, Leningrad, Gidrometeor. izd-vo.
Vol. 1. [General information, decisions, and conference reports] Obshchie svedeniia, reshenila i plenarnye doklady. Pod red. M. I. Budyko. 1962. 186 p.

METEOROLOGY—OBSERVATIONS see subdivision under Volgograd Province

METEOROLOGY—STUDY AND TEACHING
Meteorological group. B.A Kvitko Stud spets obi. 9 no 10 54-55 O '62.

METEOROLOGY, MARITIME
Analysis of a monsoon field over the sea in the case of a complex shaped coast line. V I.Lopatnikov Dokl. Ak. SSSR 147 no 2 353-356 N '62.

METEORS
(see also subdivision under Ashkhabad, Turkmenistan)
Determining the atmospheric density from observations of meteors. E N Kramer Geomag i aer 2 no 1 134-139 Ja-F '62
Obtaining oscillograms of the intensity of meteor brightness. D.L.Astavin-Razumin Biul VAGO no.32 8-10 '62.
Phenomena accompanying the flight of large meteors in the atmosphere. V A Bronshten Geomag. i aer. 2 no 1 126-133 Ja-F '62
Photographic observations of meteor tracks. A P. Savrukhin Biul VAGO no 32 11-12 '62.
Photographing meteor tracks. Kh D Gul'medov. Biul.VAGO no 32 13-14 '62
Study of the directional features of the scattering of microwave signals by meteor trails V F Chepura, B L. Kashcheev B G Bondar' Elektrosvaz' 16 no 11 3-10 N '62
Using meteor photographs in determining the height of a homogeneous atmosphere of the earth, taking into account the limit mass of the meteor and the sensitivity of the radiation receiver I.N Kolshun Geomag. i aer. 2 no.1 140-147 Ja-F '62

METEORS—MAY
Number of Delta-Aquarids in 1960. I.T Zotkin, N.A. Lipneva. Biul.VAGO no.32 3-7 '62

METHACRYLIC ACID
Chemical modification of polypropylene fibers brought about by grafting methyl methacrylate. I Pavlinets, M Lazar, Z.Maniasek. Khim.volok no.5 21-25 '62.
Staining of thin sections of nerve tissue embedded in methacrylate as a control for studies with the electron microscope K A Vanag, O B Shumkina Vop virus. 7 no 5 619-621 S-O '62
Synthesis of graft copolymers by the action of polymeric organometallic compounds on polar polymers and a study of their properties Part I Synthesis of graft copolymers of styrene and methyl methacrylate S P Mitsengendler and others [with summary in English] Vysokom soed 4 no 9 1366-1374 S '62
Synthesis of polymers Part 6 Polymerization of methyl methacrylate activated by photooxidation in the presence of sensitizers [with summary in English] G P Gladyshev, S R Rafikov Vysokom soed 4 no 9 1345-1350 S '62

METHANE
Arylmethane dyes. Part 3. Certain relations between the structure and acid-basic properties of triphenylmethane dyes. O.F.Ginzburg, P.M.Zavlin Zhur. ob.khim 32 no.11 3559-3562 N '62.
Improved method of the electrocracking of methane to acetylene D.T Elin, E N Eremin Khim prom no.6 408-410 Je '62

METHANE—DIPOLE MOMENTS
Dipole moments of diphenylmethane derivatives. R.S. TSekhanskii, L.I.Vinogradov. Zhur.ob.khim. 32 no.11 3802-3805 N '62.

METHANESULFONIC ACID
Aplasia of the bone marrow in chronic myelocytic leukemia following treatment with myelosan. A.S. Pogosian. Probl. gemat. i perel. krovi no.11:50-52 '62

METHANOL
Chemistry of vinylethynylcarbinols. S.A Vartanian Usp khim. 31 no.10 1137-1164 O '62
Polymerization mechanism of vinylethynylcarbinols. S.G Matsoian, N M. Morlian, Alib A. Saakian. Izv. AN Arm.SSR. Khim nauki 15 no 4 405-406 '62.

METHIONINE
Absorptive capacity of the digestive tract at different periods of time following the partial resection of the small intestine [with summary in English] K.S. Zamychkina, L.V. Krivkova. Biul. eksp. biol. i med. 54 no.7 22-26 Jl '62.
Inclusion of methionine-S^{35} into proteins of cancer-resistant and cancer-susceptible potato varieties. D.V.Lipsits. Dokl.AN SSSR 145 no.4 947-950 O '62.
Obtaining protein preparations from duck eggs in order to determine their tryptophan and methionine content. O.IU. Nikitina. Nauk. pratsi Ukr. nauk.-dosl. inst. ptakh. 9 no.1 140-142 '61.

METHYL GROUP
Catalytic hydrodealkylation of polyalkyl benzenes. Part 3. Demethylation of toluene on nickel-alumina catalysts. Effect of nickel concentration. N.I Shuikin and others. Zhur ob.khim. 32 no.11 3595-3599 N '62.

Interaction of chromone with compounds containing active methyl and methylene groups. A I.Tolmachev. Zhur.ob.khim. 32 no.11 3745-3752 N '62.

METHYLENE GROUP
Interaction of chromone with compounds containing active methyl and methylene groups. A.I Tolmachev. Zhur.ob.khim. 32 no 11,3745-3752 N '62.

METRIC SYSTEM
From the biography of the meter. Nauka i zhizn' 29 no 5 22-23 My '62.

MICA
Causes of underestimating the age of micas when dating them by the Rb-Sr method [with summary in English] E.K. Gerling, G.V Ovchinnikova. Geokhimiia no.9 755-762 '62
Methodology of searching for Mica. M.M.Dubovik, G.G. Rodionov Razved. i okhr. nedr 28 no.10 17-20 O '62

MICELLES
Predistilling of micelle by dispersion method V V Beloborodov, N A Ivanova Masl.-zhir. prom 28 no 7 8-10 Jl '62.

MICROBIOLOGY—BIBLIOGRAPHY see Bibliography—Microbiology

MICROCHEMISTRY
Tartu Ulikool. Analuutilise keemia kateeder. [Qualitative semimicroanalysis] Kvalitatiivne poolmikroanaluus Tartu, 1962. 227 p. [In Estonian]

MICROCLINE see subdivision under Sayan Mountains

MICROLITE
First find of microlite in granites. A.A.Sitnin, A.V. Bykova Dokl AN SSSR 147 no 1;203-206 N '62

MICROMETER
Determining the value of one turn of the optical micrometer screw. E I Evtushenko, IA S IAtskiv Trudy Polt grav obser. 11 88-93 '62.

MICRO-ORGANISMS, PATHOGENIC
Is pathogenicity a species trait of micro-organism? Sh. M. Mstevosian. Trudy Erev. med. inst. no. 11:173-177 '60.

MICROPALEONTOLOGY
Disintegration of clay and marl rocks under the influence of simultaneous application of hyposulfite and hydrogen peroxide. N. V. Averburg. Vop. mikropaleont no.6;147-148 '62.
Methods for handling specimens in microfaunistic research. K.N. Negadaev-Nikonov. Vop. mikropaleont no.6:149-153 '62.

MICROPHOTOGRAPHY
Application of the reversal method in microfilming of originals with complex scanning pattern. N.P. Maksimov. Tekh.kino i telev. 6 no.11:51-56 N '62.

MICROSCOPY
Microstructure of artificial leather of the coated fabric type. I.A.Kravkova, S.A. Pavlov. Kozh.-obuv prom. 4 no 11 33-31 N '62.

MICROSCOPY—TECHNIQUE
Immersion and absorption method of contrast microscopy of crystal faces V G Fekilchev. Kristallografiia 7 no.4;627-630 Jl-Ag '62.
Prolonged preservation of unstained blood smears with protozoan parasites in vaseline oil [with summary in English]. Zool. zhur 41 no.9;1416-1419 S '62.
Some new methods for the preparation of thin soil sections [with summary in English]. M.N Pol'skii Pochvovedenie no.10:104-111 O '62.

MICROWAVE MEASUREMENTS
Effect of high-frequency coupling between detectors on the accuracy of a correlation method for measuring microwave generator fluctuations. S.S. Kniatetskii, A.F. Emel'ianov. Radiotekh. i elektron. 7 no.11 1896-1900 N '62.
Film-type bolometers in heads with fixed tuning for measuring microwave power. V.A. IUgov, G.A. IUgova. Radiotekh. i elektron. 7 no.11;1922-1930 N '62.
Methodology for measuring frequency fluctuation spectra of microwave generators. S.A.Akhmanov, V.N.Eshtokin, V.F.Marchenko. Radiotekh. i elektron. 7 no.12;2024-2032 D '62.

MICROWAVE MEASUREMENTS—EQUIPMENT AND SUPPLIES
Simple super-high frequency correlator. L.G. Dubitskii. Izm tekh no.11:52-53 N '62

MICROWAVE RELAY SYSTEMS see Radio relay systems

MICROWAVE TUBES
Contribution to the theory of a transverse-current traveling-wave tube. G.P.Petin. Radiotekh. i elektron 7 no.11;1941-1947 N '62.

Effect of a magnetic field on the refraction of an anode lense in electron beam shaping systems. L.A. Alimovskii Radiotekh. i elektron. 7 no.12 2037-2042 D '62.
Methodology for measuring frequency fluctuation spectra of microwave generators. S.A.Akhmanov, V.N Eshtokin, V.F.Marchenko. Radiotekh. i elektron. 7 no.12 2024-2032 D '62.
Study of a transverse-current traveling-wave tube with a skewed helix. G.P. Petin Radiotekh. i elektron. 7 no.11 1948-1952 N '62

MICROWAVES
Calculation and measurement of the coupling impedance of a helix with coaxial dielectric tubes. A.I Ryzhov, N.N. Ryzhova, Radiotekh. 5 no.6 649-650 '60.
Concerning the use of defocusing static fields for amplifying high-frequency signals. M.I Petrov, A.A. Pozdnikov Radiotekh. i elektron. 7 no.11 1911-1921 N '62.
Contribution to the theory of broadband nonuniform spherical echo resonators. S.S. Fel, P.Sh. Fridberg, I.B Levinson Radiotekh. i elektron. 7 no.11 1911-1921 N '62.
Cylindrical cavity resonator with dielectric filters. I.M.Lazarev, I.D.Gazalin. Radiotekh. i elektron. 7 no.12;2086-2088 D '62.
Excitation of a dihedral right angle wedge with impedance planes. M.S. Bobrovnikov, B.P. Sturovskaia Radiotekh. i elektron. 7 no.11 1910-1914 N '62
Frequency spectrum of single-band wave guide modulators. M.S. IAnovskii, B.N. Kuliazkov Izv. vyssh. uch. zav., radiotekh. 5 no.5 552-556 S-O '62
Methodology for the experimental study of the processes of waves in short wave guide sections. V.V. Pavlov, R.B. Vaganov Radiotekh. i elektron. 7 no.12;2084-2092 D '62.
Nature of the fluctuations of the output signal in interference reception of radio waves on inhomogeneities. A.A. Semenov, Chen' Zhun-fun' [Chen Jung fan] Radiotekh. i elektron. 7 no.11;1890-1899 N '62
A new magnetostatic ferrite amplifier. A.I Mikaelian, V.V Pilachenko. Radiotekh. i elektron. 7 no.11 1909-1910 N '62.
A retunable waveguide trap filter. V.A Klimov Izv. vyssh. uch. zav., radiotekh. 5 no.5 585-590 S-O '62
Study of the directional features of the scattering of microwave signals by meteor trails V.F. Chepura, B.L. Kashcheev, B.G Bondar', Elektrosviaz' 16 no 11 3-10 N '62
Study of the modulation characteristics of gas-discharge microwave attenuators. L.A.Stukhev. Radiotekh. i elektron. 7 no.12;2087-2017 D '62.
Use of simplified nonlinear equations of a traveling-wave tube for designing an O-type tube. V.T.Arkhipov, V.A.Solntsev. Radiotekh. i elektron. 7 no.12;2019-2023 D '62.

MIDDLE EAST see Near East

MIGRATION, INTERNAL
History of the peasant migration to the Ural Mountain region in the early 20th century. E.I Gerasimova. Izv. AN Kazakh.SSR. Ser. ist., arkheol. i etn. no.1 77-87 '62.

MILDEW see subdivision under Azerbaijan; Moldavia

MILHAUD, DARIUS, 1892-
Darius Milhaud speaks Sov muz 26 no.6 126-130 '62

MILI STEPPE see Kura Lowland

MILIKAN RAYS see Cosmic rays

MILITARY AIRPLANES see Airplanes, Military

MILITARY ART AND SCIENCE—BIBLIOGRAPHY see Bibliography—Military art and science

MILITARY ASSISTANCE, AMERICAN see subdivision under Vietnam, South

MILITARY BASES see subdivision under Africa; Pacific Area

MILITARY BASES, AMERICAN see subdivision under Okinawa Island

MILITARY BRIDGES
Company builds a bridge. R. Gabrielian. Voen. vest 42 no.5 94-96 My '62.

MILITARY CEREMONIES, HONORS, AND SALUTES
Salutes. B. Kiseleva. Voen.znan. 38 no.11;32 N '61.

MILITARY COMMUNICATIONS see Communications, Military

MILITARY DISCIPLINE
Our pride, honor, and conscience. S. Alekseandrov. Voen.znan. 38 no.11;8-9 N '62.

MILITARY EDUCATION

Enthusiastic cooperation. A. Kamshalov. Za rul 20 no. 11:1-2 N '62.

Exercises were held. I Volkovitskii and others Starsh -serzh no 9.26-27 S '62

Green light to the new and the advanced. Voen vest. 42 no.5 69 My '62

On a new phase. A.Shelepen'. Voen.znan. 38 no.11. 17-18 N '62.

On special dates I.Kosarev. Voen.znan. 38 no.11 23-24 N '62.

Practice deserving to be spread. N.Kulakov. Voen. znan. 38 no.11:21-22 N '62.

Public participation should be freely promoted. Voen. znan. 38 no.11:3 N '62.

Stern rule. N Prokof'ev Voen vest 42 no 5 70-72 My '62.

Ties will be strengthened between members of the All-Union Volunteer Society for Assistance to the Army, Navy, and Air Force and soldiers A.Korenkov. Voen.znan. 38 no.11:20-21 N '62.

MILITARY EDUCATION—RECORDS

Forms for recording combat training. D Popov, L Svirinev. Voen.vest. 42 no.5 61-65 My '62

MILITARY ENGINEERING

Engineer support of an attack from the march P TSegenko. Voen vest 42 no 5 31-34 My '62.

MILITARY LIBRARIES

For military agitators V Serebriannikov. Bibliotekar' no.11:62 N '62.

MILITARY MEDICINE see Medicine, Military

MILITARY MOTORTRUCKS see Motortrucks, Military

MILITARY RECONNAISSANCE

Answer to a tactical problem A separate reconnaissance patrol carries out a reconnaissance. Voen vest 42 no 5 46 My '62.

MILITARY SPORTS

Encourage sports with a practical application. B.Tramm. Voen.znan. 38 no.11:18-19 N '62.

MILK

How to increase the fat content of milk, from the work of the Gorki Leninskiye Experimental Farm. Agitator no 21 20-22 N '62

MILK—ANALYSIS AND EXAMINATION

Content of some fatty acids in the milk fat in various seasons. V. P. Aristova. Izv. vys. ucheb zav. ;pishch. tekh. no. 4:32-36 '62.

Methods and instrument for taking fluid samples from the rotors of centrifuges and separators. N. N. Lipatov Izv. vys. uchob. zav. ;pishch. tekh. no. 4:164-166 '62.

MILK—PASTEURIZATION

Optimum thickness of the product layer in a tubular centrifuge for the centrifugation of bacteria. V. D Surkov, G. G. Shmidt. Izv. vys. ucheb. zav. ;pishch. tekh. no 4: 124-127 '62.

MILK AS FEED

Using nurse cows for raising chicks and young pigs. G. A. Cheremisinov Zhivotnovodstvo 22 no 2 59-60 F '60

MILK VETCHES
(see also subdivision under Armenia)

Ecology of astragali in relation to vertical zonality and taxonomic position. L. E. Iakhchenko. Izv. AN Turk. SSR. Ser. biol. nauk no. 5:10-16 '62.

MILKING MACHINES

Analysis of the operation of two- and three-phase milking apparatus and their improvement II. L. Hrebin', IE. I. Hertsen. Visnyk sil'hosp. nauky 5 no 5.111-114 My '62.

Evenlov, A. M. [The Zabotins] Suprugi Zabotiny, Moskva, Izd-vo "Sovetskaia Rossiia," 1962. 235 p. (Liudi Sovetskoi Rossii)

MILLET see subdivision under Kazakhstan

MILLING MACHINERY

Grinding clinker in mills operating on a closed cycle. O. M. Khusainova. TSement 28 no. 5:8-10 S-O '62.

MILLING MACHINES

Machine for milling grooves in gears. IU. V. Shipitsin. Elek. i tepl. tiaga 6 no. 10.19-20 O '62.

New milling cutter for processing plastic materials. M. G. Khaitin. Plast. massy no. 10:62-63 '62.

Planetary milling of ring grooves in the body of a hydraulic distributor. T. L. Kuperman. Stroi. i dor. mash. 7 no. 10:36-37 O '62.

MILLING MACHINES—ELECTRIC DRIVING

High-speed differential drive for milling-machine spindles. IU. D. Viagov. Stan. i instr. 33 no. 11:8-11 N '62.

MILLING MACHINES—TECHNOLOGICAL INNOVATIONS

Modernizing the gearbox of bracket-milling machines. E. A. Mironov. Stan. i instr. 33 no. 11 27-28 N '62.

MINE ACCIDENTS—SAFETY APPLIANCES

What kind of self-rescuers should be used in mine accidents? A B Belozovskii Bezop. truda v prom 6 no. 6 8 Je '62.

MINE COMMUNICATIONS

Transmission of telemechanical signals on GRShS-type flexible cables A A Il'in Gor zhur no 12 54-55 D '62

MINE DRAINAGE
(see also subdivision under Donets Basin; Kursk Magnetic Anomaly)

Drainage of the experimental gas producer section under complicated hydrogeological conditions. N.V. Efremochkin, N.E. Fisenko. Nauch. trudy VNIIPodzemgaza no.6 96-101 '62.

Quantitative analysis of the operation of a mine drainage system A.S Kuryshev. Izv. vys ucheb. zav., gor zhur 5 no. 9 145-153 '62.

MINE DRAINAGE—EQUIPMENT AND SUPPLIES

Using of a hydraulic integrator for investigating mine drainage problems. S. M. Il'enko. Izv. vys. ucheb. zav., geol. i razv. 5 no. 8:114-119 Ag '62.

MINE DUSTS

Desiatnikov, D. T., and others. [Lowering the dust content of mine air] Snizhenie zapylennosti rudnichnoi atmosfery. Moskva, Gosgortekhizdat, 1962. 175 p.

Vermov, G. P., G. S. Grodel', and N. I. Rassolov. [Means of controlling mine dusts] Sredstva bor'by s pyl'iu v shakhtakh. Moskva, Gosgortekhizdat, 1962. 69 p.

MINE FILLING see subdivision under Tkibuli region

MINE FIRES see subdivision under Donets Basin

MINE FIRES—BIBLIOGRAPHY see Bibliography—Mine fires

MINE GASES
(see also subdivision under Donets Basin; Khibiny Mountains, Moscow Basin)

Improving the control of the gas component of mine air. IA. Z. Bukhman. Gor. zhur. no. 6.72-73 Je '62.

Let's develop reliable means for the control of mine air conditions. Ugol' Ukr. 6 no. 8 46-47 Ag '62.

Pechuk, L. M. [Penetration of gases through fractured rocks into houses and workings] Proniknovenie gazov po treshchinovatym porodam v pomeshchenila i vyrabotki. Kiev, Izd-vo Akad nauk USSR, 1962. 110 p.

Regularity of general pattern of distribution of initial formation pressure L N Bykov Izv vys ucheb zav., geol zhur 5 no 10-79-86 '62.

Seismoacoustic activities of coal seams serving as indices of gas and coal outburst danger. V. S. Ivanov, L. G. Mysina. Ugol' Ukr. 6 no. 8:14-15 Ag '62.

MINE HAULAGE
(see also subdivision under Donets Basin; Kazakhstan)

Complete automation of mine haulage. F. N. Taran, IU. I Mikhailov. Gor zhur no. 12:21-25 D '62

Construction and exploitation of roads in pits of the Ufaley Plant. S. Z. Kurmashev. Gor. zhur. no. 6:18-19 Je '62.

Efficient use of heavy-duty semitrailers in open-pit mines. A. N Subbotin, G. D. Pchelkin Izv. vys. ucheb zav., gor zhur 5 no 10-111-114 '62

Geront'ev, V. I., and N. T. Kurelin. [Mine transportation] Rudnichnyi transport. Moskva, Gosgortekhizdat, 1962. 424 p.

MINE HOISTING
(see also subdivision under Leninogorsk region, East Kazakhstan Province)

Investigating the new type of hydraulic mine hoisting. G. T. Shapoval. Ugol' Ukr. 6 no. 5:7-10 My '62.

Principles of calculating the parameters of suspension apparatus for unbalanced multirope hoists. IU. P. Shabanov-Kushnarenko, N. K. Goncharenko. Shor. trud. Inst. gor. dela AN URSR no. 12:152-162 '61.

Readers' response to S. M. Ostrovskii and E. V. Petrenko's article "Multiple rope hoists with guide ropes are indispensable in the mines of the central area of Donets Basin." A. G. Gudz'. Ugol' Ukr. 6 no. 5:44 My '62

MINE HOISTING—ELECTROMECHANICAL ANALOGIES

Study of a multirope hoist with a differential reducing gear. A. P. Nesterov. Izv. vys ucheb zav., geol. zhur. 5 no. 9:130-137 '62.

MINE LIGHTING see subdivision under Krivoy Rog Basin

MINE MANAGEMENT

Increasing the work efficiency of the mining industry in light of the decisions of the November Plenum of the Central Committee of the CPSU. Gor. zhur no. 12-3-4 D '62

MINE PUMPS see subdivision under Leninogorsk region (East Kazakhstan Province)

MINE RAILROADS

Cabins of electric mine locomotives should be heated. A G. Obertas. Bezop truda v prom 6 no. 6 33 Je '62

Experimental study of an electromagnetic apparatus for increasing the coupling traction force of an electric mine locomotive V. G Volkov. Izv. vys. ucheb zav., gor. zhur. 5 no 9 90-96 '62.

Increase the capacity of traction motors of electric locomotives for iron ore mines S. A Volotkovskii, A. A. Rengevich Gor. zhur no 12 19-20 D '62

New signaling systems for open pit mines. G. N. Buratov, V. V. Fedorovskii. Avtom., telem. i sviaz' 6 no. 11-7-10 N '62.

MINE RAILROADS—EQUIPMENT AND SUPPLIES

Stationary installation for covering clearances between cars. V. V. Fomenko. Ugol' Ukr. 6 no 5:30 My '62

MINE ROOF BOLTING see subdivision under Estonia, Soligorsk region

MINE SURVEYING

Determining the zones of faults of a hanging side in working ore shoots in the Krivoy Rog Basin. B I Baielos, V A Genkin Gor zhur no. 12 25-27 D '62.

Strengthen mine control by surveying P. G Sheverdin. Bezop. truda v prom 6 no. 6 5-6 Je '62.

Tachymeter for rodless surveying of rock caving zones G T. Nesterenko, F I. Boreiko Gor zhur no 12:27-30 D '62

Use of sonar in mining. D. A. Kazakovskii and others. Gor. zhur. no. 6.56-62 Je '62.

MINE TIMBERING
(see also subdivision under Donets Basin; Krasnoural'sk region; Kuznetsk Basin)

High-strength silicate supports. A P. Bondarenko. Ugol' prom. no 5:17-19 S-O '62

Longwall timbering in connection with the operation of the UKR cutter loader G. E. Khvostikov, I L. Semenkov. Ugol' prom. no. 5 28-30 S-O '62.

Mechanism for withdrawing timber in roof caving. V. N. Makashov, V. M. Slupitskii. Ugol' Ukr. 6 no. 8:30-40 Ag '62.

Performance of the SU angular props. V. I. Galdukov, IU. V. Zheltonozhko. Ugol' Ukr. 6 no. 8 31 Ag '62.

"Prefabricated reinforced concrete in underground construction" by V. I. Bespalyi and others. Reviewed by G. A. Katkov. Ugol' Ukr. 6 no. 8 45-46 Ag '62.

Samollovskii, M. B. [Supporting vertical mine shafts] Kreplenie vertikal'nykh stvolov shakht. Moskva, Gosgortekhizdat, 1962 251 p.

Use of hydraulic GS-type jacks for mine retimbering. F. S. Kozub, L. P. Nikitin Met. i gornorud. prom. no 2 73-75 Mr-Ap '62.

Vagin, G. I., and G. S. Pin'kovskii. [Using portable formwork in supporting mine shafts] Kreplenie stvolov shakht s primeneniem peredvizhnykh opalubok. Moskva, Gosgortekhizdat, 1962. 146 p.

MINE VENTILATION
(see also subdivision under Sverdlovsk Province)

Analytical study of the effect of air leakage on the performance efficiency of fans. G. L. Pigida. Ugol' Ukr. 6 no. 8 24 Ag '62.

Design of ventilation systems with auxiliary fans. F. A Abramov, G. L. Pigida Izv vys. ucheb zav., gor zhur. 5 no 10;71-78 '62

Effect of the depth of cut on the temperature conditions in the stopes. E. I. Baratov, V. G. Tereshchenko. Ugol' Ukr. 6 no. 8:18-20 Ag '62.

Lugovskii, S. I. [Ventilating deep mines] Provetrivanie glubokikh rudnikov. Moskva, Gosgortekhizdat, 1962. 322 p.

Remote control and remote signaling apparatus for mine ventilation systems. N. P. Pavliuk and others. Ugol' prom. no 5 64-66 S-O '62.

Role of the wind in the natural ventilation of open-pit mines. N Z. Bitkolov. Izv. vys ucheb. zav. ,tsvet. met 5 no 3 3-10 '62.

Ventilating open pits with natural convection. V. V. Skobunov. Gor. zhur. no. 6:72 Je '62.

MINERAL AGGREGATES see Aggregates (Building materials)

MINERAL WATERS
(see also subdivision under Abastumani; Chvizhepse Valley; Minsk; Truskavets)

Role of Narzan baths in the compound treatment of primary glaucoma. A. V. Suprun. Vest. oft. no. 4 19-22 '62.

Utilization of mineral waters of oil fields. D. A. Chizhichenko. Vop. kur. fizioter. i lech. fiz. kul't. 27 no. 2. 173-174 Mr-Ap '62.

MINERALOGICAL CHEMISTRY see subdivision under Caucasus, Northern

MINERALOGY
(see also subdivision under Volgograd Province)

Phase composition of ignition products of minerals of the pyrochlore structural type and their connection with the chemical composition [with summary in English]. S. A. Gorzhevskaia, G. A. Sidorenko. Geokhimiia no. 9 794-799 '62.

MINERALOGY—DICTIONARIES

Shlippe, S. A., and E. F. Sinitsyna, comps. [German-Russian geological and mineralogical dictionary] Nemetsko-russkii geologo-mineralogicheskii slovar'. Pod red. V. I. Sobolevskogo. Moskva, Fizmatgiz, 1962. 472 p.

MINERALS
(see also subdivision under Il'men Mountains, Kazakhstan, Kuban)

Minerals in Quaternary sediments. K. L. Babaev, M. I. Zhurshii. Uch. zap. SAIGIMSa no. 5 33-46 '61.

On the name of the mineral which is a modification of maximum-density silica. D. P. Grigor'ev. Zap. Vses. min. ob-va 91 no. 5 535-536 '62.

MINERALS—ANALYSIS

At the Central Complex Laboratory of the Ural Geological Administration. A. V. Shein, N. D. Gutin, A. I. Vershinina. Zav. lab. 28 no. 8:1013-1014 '62.

Recalculation of chemical compositions in minerals and rocks on the basis of crystallochemical data [with summary in English]. A. P. Egorov. Geokhimiia no. 9: 778-793 '62.

MINERS—DISEASES AND HYGIENE

Surgical treatment of occupational bursitis in miners. V. M. Sokol'skii. Khirurgiia no. 12 90-92 '61.

Use of pyrabutol for the treatment of sciatica in miners. A. I. Lazarenko. Sov. med. 26 no. 10:109-110 O '62.

MINERS—SONGS AND MUSIC

Comparative study of the folklore of work [with summary in English]. R. R. Gel'gardt. Sov. etn. no. 5 3-14 S-O '62.

MINES AND MINERAL RESOURCES
(see also subdivision under Africa, Bashkiria; Crimea, Kuznetsk Basin, Siberian Platform; Ukraine, Uzbekistan)

Automatic control of industrial processes in mining. P. G. Nesterov. Met. i gornorud. prom. no. 2 51-53 Mr-Ap '62.

MINES AND MINERAL RESOURCES—PERIODICALS

Conference among readers of the scientific and technical publication "Metallurgicheskaia i gornorudnaia promyshlennost'." Met. i gornorud. prom. no. 2 80 Mr-Ap '62.

MINGRELIA—CONGLOMERATE

On the divide conglomerates of Mingrelia. G. S. Devdariani. Dokl. AN SSSR 147 no. 2:431-433 N '62.

MINING ENGINEERING
(see also subdivision under Donets Basin; Dzhezkazgan District, Krivoy Rog Basin, Salair region; Siberia, Eastern)

Borisenko, S. G., and others. [Raise work] Prokhodka vosstaiushchikh. Moskva, Gosgortekhizdat, 1962. 271 p.

Caving fractured rocks in working flat deposits. N. Z. Galaev, A. V. Isaev. Gor. zhur. no. 12 5-8 D '62.

Controlling rock pressure in systems with caving in the "Zapolyarnyy" Mine. N. Z. Galaev, A. V. Isaev. Gor. zhur. no. 6:25-27 Je '62.

Effectiveness of automation in mines. Z. E. Al'tshuler, R. D. Migachev. Mekh. i avtom. proizv. 16 no. 10:47-50 O '62.

"Handbook on mining," Vol. 2: "Underground operations." Reviewed by D. M. Bronnikov, L. I. Burtsev, and A. V. Budiko. Gor. zhur. no. 6:78-3 of cover Je '62.

Improving the numbering and nomenclature system for mine workings. N. A. Demin. Ugol' Ukr. 6 no. 8:26 Ag '62.

Projection methods of constructing perspective representations of mines. I. D. Gol'din. Izv. vys. ucheb. zav., gor. zhur. 5 no. 9:40-47 '62.

Readers' response to B. S. Lokshin, I. IA. Kliashko and I. E. Kliashko's article "Combined mining of coal seams in the Lisichanskugol' Trust mines. A. F. Bakhtin, A. M. Piatkin. Ugol' Ukr. 6 no. 8:44 Ag '62.

Rock freezing without brine. P. A. Sharber. Ugol' Ukr. 6 no. 5:21-22 My '62.

Utilization of permanent buildings and structures in the construction of coal mines. A. V. Taranets, V. E. Andreev, G. F. Golub', Ugol' prom. no. 5:11-15 S-O '62.

MINING ENGINEERING—ABSTRACTS

[Mining] Ref. zhur. Gor. delo no. 11 N '62. Predmetnyi ukazatel' za 1961 g.

MINING ENGINEERING—DICTIONARIES

Ajaokumiia na [illegible] inol-
[illegible]
Vol. 12. Bakaev, M. T., and others. [Mining] Gornoe delo. 1962. 281 p.

MINING ENGINEERING—EQUIPMENT AND SUPPLIES

Over-all mechanization and automation is the decisive factor in the future growth of labor productivity in mines. G. A. Zubkov, V. I. Feigin. Gor. zhur. no. 6: 3-8 Je '62.

MINING ENGINEERING—LABOR PRODUCTIVITY see subdivision under Uzbekistan

MINING ENGINEERING—SAFETY MEASURES

Technical and economic justification of the methods for the protection of housing buildings against the effect of underlying mining. IA. I. Beilinov. Ugol' Ukr. 6 no. 5,19-20 My '62.

MINING ENGINEERING—TECHNOLOGICAL INNOVATIONS

Russia (1923- U. S. S. R.) Komitet po delam izobretenii i otkrytii. [Inventions; the mining industry] Sbornik izobretenii, gornodobyvaiushchain promyshlennost'. Moskva, TSentr. biuro tekhn. informatsii, 1961. 159 p. (Sborniki otechestvennykh izobretenii)

MINING MACHINERY
(see also subdivision under Mirgalimsay region)

Empirical formula for calculating the penetration depth of a bucket loader into a rock dump. B. P. Semko. Sbor. trud. Inst. gor. dela AN URSR no. 12: 163-171 '61.

Khadzhikov, R. N. [Mining machinery] Gornaia mekhanika. Izd. 4., pererab. i dop. Moskva, Gosgortekhizdat, 1962. 455 p.

"Mining machinery" by V. I. Kiselev. Reviewed by A. I. Latysh. Gor. zhur. no. 12 67-68 D '62.

PNB-3 self-propelled loader. IA. I. Bazer, IA. V. Korshunov, V. A. Zvekov. Gor. zhur. no. 6:55-56 Je '62.

Topchiev, A. V., and N. A. Shuris. [Machinery for stopping and development operations; design and construction] Mashiny dlia ochistnykh i podgotovitel'nykh rabot; raschet i konstruirovanie. Moskva, Gosgortekhizdat, 1962. 351 p.

Use of electronic digital computers to solve some problems in mining technology. V. L. Miakishev. Izv. vys. ucheb. zav., gor. zhur. 5 no. 9,114-119 '62.

MINING MACHINERY—ABSTRACTS

[Manufacture of construction equipment and road machinery. Mining machinery] Ref. zhur. Otd. vyp. 43: Stroi. i dor. mashinostr. Gor. mash. no. 23 D '62.

MINING MACHINERY—DYNAMICS

"Dynamics of mining machinery" by B. L. Davydov, B. A. Skorodumov. Reviewed by A. A. Shvartsman. Ugol' Ukr. 6 no. 5:48 My '62.

MINING MACHINERY—ELECTRIC DRIVING

Durnev, M. IA. [Electric drives for mining] Rudnichnyi elektroprivod. Moskva, Gosgortekhizdat, 1962. 334 p.

MINING MACHINERY—MAINTENANCE AND REPAIR

Reader's comments on the article "Planning and financing unit repairs of mine equipment" by F. K. Grossov, B. N. Fridman. Gor. zhur. no. 12 65-66 D '62.

MINING MACHINERY—PNEUMATIC DRIVING

Scientific technological conference on problems in using compressed air power in mining. L. V. Sidorenko. Gor. zhur. no. 12,63 D '62.

MINSK—BEARING INDUSTRY

We are trying to promote the most effective methods of work. S. Korolev. Agitator no. 24:29-31 D '62.

MINSK—COLLEGE AND SCHOOL PERIODICALS

Our periodical. S. Kuliashova. Nar. obr. no. 10 86-88 O '62.

MINSK—HIGHWAY TRANSPORT WORKERS

Winners of medals of the All-Union Exhibition of the Achievements of the National Economy. M. Buryi. Avt. transp. 40 no. 10:57 O '62.

MINSK—LEATHER INDUSTRY

Improved production technology in the "Bolshevik" Leather Factory in Minsk. M. F. Dantlov. Kozh.-obuv. prom. 4 no. 11 35-36 N '62.

MINSK—MACHINERY INDUSTRY

Filich, A. V. [Two plans fulfilled in one year] Za god - dva plana. Minsk, Gos. izd-vo BSSR, 1962. 26 p. (Bibliotechka novatora)

MINSK—MEDICINE, INDUSTRIAL

Working conditions, morbidity and industrial traumatism in the Minsk Spare Parts Factory. L. A. Zankovich, N. B. Chizhik. Zdrav. Bel. 8 no. 7:9-11 Jl '62.

MINSK—MINERAL WATERS

Minsk mineral water in the combined treatment of peptic ulcer of the stomach and duodenum. O. A. Kovalenok. Zdrav. Bel. 8 no. 7:61-63 Jl '62.

MINSK—MOTORBUS LINES

Three types of work sheets for motorbus drivers. I. Kaganov, V. Grib. Avt. transp. 40 no. 10:34-35 O '62.

MINSK—MOTORTRUCKS—DESIGN AND CONSTRUCTION

Minskii gosudarstvennyi avtomobil'nyi zavod. [Minsk Automobile Plant] Minskii avtomobil'nyi zavod. [Minsk, Gos. izd-vo BSSR, 1962.] 1 v. (chiefly illus.)

MINSK—PUBLIC HEALTH

The first sanitary education center in the White Russian S.S.R.; on the 40th anniversary of the Minsk City Sanitary Education Center. E. I. Shishko, Z. V. Gerasimova, K. I. Petkal'. Zdrav. Bel. 8 no. 7:81-83 Jl '62.

MINSK—RESTAURANTS, LUNCHROOMS, ETC.

Minsk has a "Belorusskaia" restaurant. A. Budnev. Obshchestv. pit. no. 10:7-8 O '62.

MINSK—RHINOSCLEROMA

Materials from a study of microfoci of scleroma in Minsk [with summary in English]. M. V. Minkevich, R. I. Levina. Zhur. mikrobiol., epidemiol. i immunobiol. 21 no. 2 47-50 Mr-Ap '62.

MINSK—TRANSPORTATION, AUTOMOTIVE

Saved minutes. S. Topaz. Avt. transp. 40 no. 10:34 O '62.

MINSK—WORLD WAR, 1939-1945—UNDERGROUND MOVEMENTS

Kazachenok, V. S. [When our country was in danger; notes on the Minsk underground] Kogda Rodina v opasnosti, zapiski o Minskom podpol'e. Minsk, Belgosizdat, 1961, 280 p. illus. (MH)

MINSK PROVINCE—FLAX

Boron increases the effectiveness of weeding. Z. V. Zhukhovitskaia. Zashch. rast. ot vred. i bol. 7 no. 3:31 Mr '62.

MINSK UNIVERSITY

A workshop of specialists. A. Savchenko. Komm. Bel. 36 no. 10:21-20 O '62.

MIRACLES

A shaft to heaven, an essay. A. Shamaro. Nauka i zhizn' 4 no. 10:20-24 O '62.

MIRGALIMSAY—NONFERROUS METAL INDUSTRIES - TECHNOLOGICAL INNOVATIONS

A generally recognized helper. A. Lipovoi. Nov. Mir. Kazakh. 20 no. 9:42-44 S '62.

MIRGALIMSAY REGION—MINING MACHINERY

Mining the Mirgalimsay deposit with use of self propelled equipment. D. P. Lobanov, V. I. Ivanushkin. Izv. vys. ucheb. zav., tsvet. met. 5 no. 1,113-119 '62.

MISCARRIAGE see Abortion

MITES see subdivision under Adzharistan

MITES—EXTERMINATION see subdivision under Ural s

MITES AS LABORATORY ANIMALS

A method for rearing gamasid mites [with summary in English]. L. G. Suvorova, V. E. Sidorov. Zool. zhur. 41 no. 9 1421-1422 S '62.

MITRAL VALVE—DISEASES

Dynamics of the ballistocardiogram in mitral disease. P. A. Vartapetian. Trudy Erev. med. inst. no. 11:231-235 '60.

Preoperative treatment of patients with mitral stenosis with reserpine and its effect on the arterial pressure during anesthesia [with summary in English]. I. N. Golubev, S. M. Zolnikov, V. A. Kovanov. Khirurgiia no. 1,60-67 '62.

Significance of puncture of the left ventricle with contrast ventriculography in the differential diagnosis of mitral stenosis and mitral insufficiency [with summary in English]. IU. S. Petrosian. Vest. khir. 89 no. 11 40-45 N '61.

MITRAL VALVE—SURGERY

Clinical characteristics of mental disorders in patients with acquired heart defects following mitral commissurotomy [with summary in French]. V. M. Banshchikov and others. Zhur. nevr. i psikh. 62 no. 6,916 '62.

Comparative evaluation of various types of operative surgery for mitral defects of the heart [with summary in English]. A. S. Dobronravov. Khirurgiia no. 4 57-64 '62.

Complications during mitral commissurotomy. P. A. Korolev. Khirurgiia no. 1 16-22 '62.

Embolectomy during mitral commissurotomy. F. M. Vasichenko, P. F. Demidiuk. Klin. khir. no. 6:63-64 Jl '62.

Errors and hazards in mitral commissurotomy. F. G. Uglov, R. A. Muratova. Khirurgiia no. 1:5-15 '62.

Evaluation of methods of mitral commissurotomy by means of the phonocardiographic examination of patients [with summary in English]. S. A. Kolesnik, L. M. Fitilova. Vest. khir. 87 no. 11:46-51 N '61.

Late results of commissurotomy in heart defects [with summary in English]. M. V. Danilenko, R. I. Mikaelian. Vrach. delo no. 8:56-60 Ag '62.

MITSKEVICH, KONSTANTIN MIKHAILOVICH, 1882-1956
Glorious son of the White Russian people. V. Borisenko. Komm. Bel. '56 no. 10:52-57 O '62.
Let me tell you about my teacher and friend. Mikhail Lyn'kou. Rab. i sial. 38 no. 11 7-8 N '62.
"A life devoted to our people; collected articles." Reviewed by M. Bazarevich. Rab. i sial. 38 no. 11:8 N '62.
Outstanding teacher and student of educational methods I. Zianevich. Nar. asv. no 10 79-85 O '62.
A poet of the White Russian people. Ales' Esakou. Ukraina no 22 16-19 N '62.

MIXING MACHINERY
Designing the parameters of periodic blade mixers for asphalt-concrete mixes. K. P. Sovrov. Stroi. i dor. mash. 7 no. 10 25-28 O '62.
Selection of the parameters of rubber-metal joints for drum mixers. P. IA. Skichko, D. P. Pritykin. Izv. vys. ucheb. zav., gor. zhur. 5 no 8 169-175 '62.
Suction drawing-off system from 115 and 116 pug mills V. P. Pomichev. Ind. proizv. no 9:39 S '62

MOCHUTKOVSKII, OSIP OSIPOVICH, 1845-1903
Organizer of nomological service, O. O. Mochutkovskii, G. G. Sokolianskii, A. M. Rozentsvaig, E. O. Gol'd. Vrach. delo no. 8:129-132 Ag '62.

MODERN GEOMETRY see Geometry, Modern

MODULATION (ELECTRONICS)
Cartianu, Gh. [Frequency modulation] Chastotnaia modulatsiia. [Bucharest] Izd-vo Akad. Rumynskoi Narodnoi Respubliki, 1961, 578 p.
Methods for achieving a maximum amplification coefficient of a magnetic modulator with double frequency output [with summary in English]. R. IA. Berkman, L. A. Sinitskii. Avtom. i telem. 23 no. 10:1385-1392 O '62.
Pulse-code modulation Elektronviaz' 16 no. 11:62-70 N '62

MOGILEV PROVINCE—POTTERY, PRIMITIVE
Settlement near the Barsuki village in the Sozh Valley. O. N. Mel'nikovskaia. Kr. at. soob. Inst. arkheol. no. 87: 54-58 '62.

MOHAMMEDANISM see subdivision under Africa

MOISTURE—MEASUREMENT
Contactless radiation moisture gauge for continuous moisture control of the paper sheet. V. N. Ershov. Bum. prom. 37 no. 10 29-30 O '62.

MOLASSES
Bakanov, N. A., M. E. Burman, and N. V. Solntseva. [Handbook on starch and molasses production] Spravochnik po krakhmalo-patochnomu proizvodstvu. 2 izd. perer. i dop. Pod red. M. E. Burmana. Moskva, Pishchepromizdat, 1962. 478 p.

MOLDAVIA—AGRICULTURAL ADMINISTRATION
The most important objective of party members in rural areas. N. Mel'nikov. Komm. Mold. 7 no 7:8-17 Jl '62.

MOLDAVIA—AGRICULTURAL WAGES
The piecework bonus wage system S. Bondarenko. Komm. Mold. 7 no 10:44-46 O '62

MOLDAVIA—APPLE—DISEASES AND PESTS
Sevin as an effective substitute for DDT. M. A. Gontarenko. Zashch. rast. ot vred. i bol. 7 no 7 32 Jl '62

MOLDAVIA—ARCHITECTURE—DESIGNS AND PLANS
Moldavia. V. Strin'kovskii. Arkhit. SSSR no. 9 42-44 '62

MOLDAVIA—AVIATION MEDICINE
Ophthalmological aid in the work of the Republic Station of Medical Aviation in the Moldavian S. S. R. B. M. Dolgenos, M. A. Saushkin. Vest. oft. no. 4:79-80 '62.

MOLDAVIA—BOTANY
Geidoman, T. S., and others. [Useful wild plants of Moldavia] Poleznye dikorastushchie rastenila Moldavii. Kishinev, Izd-vo "Shtiintsa," Akad. nauk Moldavskoi SSR, 1962. 415 p.

MOLDAVIA—COMMUNIST PARTY OF THE SOVIET UNION
The report and election conferences of party members. Komm. Mold. 7 no. 10 9-13 O '62.

MOLDAVIA—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK
Brief news. Komm. Mold. 7 no. 10:79-80 O '62.
We should maintain and develop the voluntary participation of Communists in party work. Komm. Mold. 7 no. 7:29-35 Jl '62.

MOLDAVIA—CONSTRUCTION INDUSTRY
Make fuller use of the unused potentialities of major construction work. P. Usik, V. Bortnikov. Komm. Mold. 7 no. 10:35-43 O '62.

MOLDAVIA—ECONOMIC CONDITIONS
"Great power of eternal friendship" by V. Tulianu. Reviewed by V. Uvarov. Komm. Mold. 7 no. 7:75-77 Jl '62.

MOLDAVIA—FOOD INDUSTRY
Combining food enterprises, based on the example of the Moldavian S. S. R. S. A. Orlov. Och. po sovr. sov. i zarub. ekon. no 3 119-133 '62

MOLDAVIA—GEOGRAPHY
Miraki, D. A., and M. M. Radul, eds. [Geography of the Moldavian S. S. R.] Geografiia Moldavskoi SSR, uchebnoe posobie dlia VIII klassa. Kishinev, Gos. izd-vo "Kartia moldovenlaske," 1962. 112 p.

MOLDAVIA—GRAPES—DISEASES AND PESTS
Organize properly the control of mildew. Zashch. rast. ot vred. i bol. 7 no 5 32-33 My '62

MOLDAVIA—HOSPITALS
"Polyclinical care in Moldavia" by V. I. Kant. Reviewed by V. Ch. Brzheskii. Sov. zdrav. 21 no. 8 84-85 '62.

MOLDAVIA—INDUSTRIAL ORGANIZATION
Prostomolotov, F. [Reorganization of industrial management and prospects for industrial development in the Moldavian S. S. R. during the seven-year plan] Perestroika upravleniia promyshlennost'iu Moldavskoi SSR i perspektivy ee razvitiia v semiletke. Kishinev, Gos. izd-vo "Kartia moldovenlaske," 1960. 59 p. [MICROFILM]

MOLDAVIA—INDUSTRIES
Industrialization of Moldavia. V. Uvarov Komm. Mold. 7 no 10 49-54 O '62.

MOLDAVIA—MILDEW
Organize properly the control of mildew Zashch. rast. ot vred. i bol 7 no. 5:32-33 My '62.

MOLDAVIA—OAK—DISEASES AND PESTS
Study of tachinid flies (Diptera, Larvaevoridae), parasites of oak pests in Moldavia [with summary in English]. A. Z. Lerer, S. G. Plugar'. Ent. oboz. 41 no 2 359-365 '62.

MOLDAVIA—OPHTHALMOLOGY
Ophthalmological aid in the work of the Republic Station of Medical Aviation in the Moldavian S. S. R. B. M. Dolgenos, M. A. Saushkin. Vest. oft. no 4 79-80 '62.

MOLDAVIA—PETROLOGY
The Pre-Cambrian of Moldavia, recent data on the petrology of the charnockite series A. A. Chumakov. Dokl. AN SSSR 147 no 1:195-198 N '62.

MOLDAVIA—PLANTS, PROTECTION OF
Planning plant protection measures on the collective farms of Moldavia. A. F. Lukashevich, M. S. Nikolaenko Zashch. rast. ot vred. i bol. 4 no 6:11-12 N-D '59
Signal station on the "Biruintsa" Collective Farm. A. N. Bali, IU. I. Chumak Zashch. rast. ot vred. i bol 7 no 5:46-49 My '62.

MOLDAVIA—QUINCE—DISEASES AND PESTS
Subcutaneous blight of quince G. A. Poterlia Zashch. rast. ot vred. i bol 4 no. 6 55 N-D '59

MOLDAVIA—REVOLUTION, 1917-1921
Shutskaia, K. O. [Victory of the October Revolution and the establishment of the Soviet regime in Moldavia, March, 1917-March, 1918] Pobeda Oktiabr'skoi revoliutsii i ustanovlenie Sovetskoi vlasti v Moldavii, mart 1917-mart 1918. Kishinev, Kartia moldovenlaske, 1962. 298 p.

MOLDAVIA—TACHINID FLIES
Study of tachinid flies (Diptera, Larvaevoridae), parasites of oak pests in Moldavia [with summary in English]. A. Z. Lerer, S. G. Plugar'. Ent. oboz. 41 no. 2 359-365 '62.

MOLDAVIA—TOMATOES—DISEASES AND PESTS
Leaf mold of tomato E. P. Okhova. Zashch. rast. ot vred. i bol. 7 no. 3:30-31 Mr '62

MOLDAVIA—WOMEN IN AGRICULTURE
We are building a new life. V. Krokas. Rab. i sial. 38 no. 11.14-15 N '62.

MOLDAVIAN LITERATURE—HISTORY AND CRITICISM
Brief remarks. Ion Druta. Vop. lit. 6 no. 6:06 Ag '62.
Contradictory remarks. V. Ermuratskii. Vop. lit. 6 no. 8:94-95 Ag '62.
Enlighten more profoundly the problems of the classics. B. Portnoi. Vop. lit. 6 no. 8:97-103 Ag '62.
From the editorial board. Vop. lit. 6 no. 8:106-107 Ag '62.
Have more of principle! I. K. Chobanu. Vop. lit. 6 no. 8:90-93 Ag '62.
Let's solve complex problems with our combined strength. Kh. Korbu, S. Chibotaru. Vop. lit. 6 no. 8: 68-72 Ag '62.
Preserve and respect heritage. A. Lupan. Vop. lit. 6 no. 8:72-82 Ag '62.
Serious difference of opinion. A. Babii, D. Dragnev, P. Sovetov. Vop. lit. 6 no. 8:82-90 Ag '62.
Urgent theme. D. Mikhal'chi. Vop. lit. 6 no. 8:103-106 Ag '62.

MOLDING (FOUNDING)
Sand slinging in the making of larger molds. A. I. Fain, R. L. Geller, P. V. Gubchevskii. Lit. proizv. no. 8:1-5 Ag '62.
Some errors of principle in developing new systems of loam distribution V. S. Shitikov. Lit. proizv. no. 8: 44-45 Ag '62.
Theoretical and experimental studies of the adhesion of coatings to the working surfaces of chill molds A. G. Kolesnichenko Trudy Stavr. sel'khoz. inst. no 9 153-164 '60

MOLDING (FOUNDING)—MODELS
Transparent shells for the hydraulic modeling of foundry molds E. A. Raskovich. Lit. proizv. no. 8:34-35 Ag '62.

MOLDS (BOTANY)
Changes in wood caused by mold fungi. I. G. Krapivina. Vest. Mosk. un. Ser. 6: Biol., pochv. 17 no 5:47-51 S-O '62.
Leaf mold of tomato. E. P. Okhova. Zashch. rast. ot. vred. i bol. 7 no. 3 30-31 Mr '62

MOLECULAR ASSOCIATION
Molecular association of cholinergic substances. Part 1. S. G. Kuznetsov, L. V. Fedorova. Zhur. ob. khim. 32 no. 11 3775-3776 N '62.

MOLECULAR BEAMS
Reflection of a molecular beam by a solid wall. V. B. Leonas. Geomag. i aer. 2 no. 1.180-181 Ja-F '62.

MOLECULAR ORBITALS
Method of molecular orbits and spin density in paramagnetic resonance. I. D. Morozova. Usp. khim. 31 no. 10:1231-1256 O '62.
Nature of a hydrogen bond and of metal-element bonds and their effect on the vibrational and electronic spectra of molecules. D. N. Shigorin. Probl. fiz. khim. no. 1: 173-201 '58.
Spin density distribution in some metal ketyls. I. D. Morozova, M. E. Dinkina. Dokl. AN SSSR 146 no. 1: 830-832 O '62.

MOLECULAR ROTATION
Determining the barriers of decelerating rotation in solids. U. S. Waugh, E. I. Fedin. Fiz. tver. tela 4 no. 8: 2233-2237 Ag '62.
Study of the rotational motion of molecules of a liquid by the nuclear magnetic resonance method [with summary in English] A. Sh. Agishev. Zhur. eksp. i teor. fiz. 43 no 4 1154-1157 O '62.

MOLECULAR SPECTRA
Effect of the orientation of molecules of fluids in an electric field on nuclear magnetic resonance [with summary in English] A. M. Vasil'ev Zhur. eksp. i teor. fiz. 43 no 4:1526-1529 O '62.

MOLECULAR WEIGHTS
Exchange of experience. Zav. lab. 28 no. 11:1355 '62.
Polymer strength as dependent on molecular weight. S. N. Zhurkov, S. A. Abasov. Fiz. tver. tela 4 no. 8:2204-2212 Ag '62.

MOLECULES
Effect of the potential on the attraction interaction between adsorbed organic molecules B. B. Damaskin, N. B. Grigor'ev. Dokl. AN SSSR 147 no. 1:135-138 N '62

MOLLUSKS—PARASITES see Parasites—Molluska

MOLLUSKS, FOSSIL see subdivision under Kyzyl Kum

MOLYBDENUM
(see also subdivision under Krasnoyarsk Territory)
Experimental studies of electrochemical oxidation and solving of molybdenum [with summary in English]. A. S. Mikhailov. Geokhimiia no. 9:819-825 '62.

MOLYBDENUM—ANALYSIS
Determination of small amounts of molybdenum in zinc salts by its catalytic effect on the reaction of hydrogen peroxide with potassium iodide. I. V. Plaitkytskii, L. M. Kalashnik. Ukr. khim. zhur. 28 no. 8:973-976 '62.
Ion exchange method for separating rhenium from molybdenum. B. S. Gaibakian, M. V. Darbinian. Izv. AN Arm. SSR. Khim. nauki 15 no. 1 321-328 '62.

MOLYBDENUM—TESTING
Effect of temperature on the hardness and the modulus of longitudinal elasticity of tungsten and molybdenum (20 - 2,700°). G. S. Pisarenko, V. A. Borisenko, IU. A. Kashtalian. Poresh. met. 2 no 5 79-83 S-O '62.

MOLYBDENUM ORES see subdivision under Caucasus; Kadzharan region; Soviet Central Asia

MOMENTS OF INERTIA
Substantiation of N. I. Mertsalov's method for determining inertia moment of a flywheel. K. R. Kanter. Izv. vys. ucheb. zav., mashinostr. no. 6:5-10 '62.

MONAZITE
Migration of lead in monazite and pitchblende. E S Burkser and others. Biul. Kom po opr. abs. vozr. geol form. no 5:48-52 '62.

MONEY
Konnik, I. I. [Money in a socialist society] Den'gi v sotsialisticheskom obshchestve. Moskva, Vysshaia shkola, 1962. 110 p.

MONGOLIA—ECONOMIC CONDITIONS
Development along the socialist path; on the occasion of the 38th anniversary of the Mongolian People's Republic N. Tiapkin. Vnesh. torg 42 no 11:31 '62
Mongolia is building socialism. Ukraina no 22:8 N '62.

MONGOLIA—FOREIGN ECONOMIC RELATIONS—RUSSIA
Development along the socialist path, on the occasion of the 38th anniversary of the Mongolian People's Republic N. Tiapkin Vnesh. torg. 42 no. 11: 31 '62

MONGOLS
Akademiia nauk SSSR, Institut narodov Azii. [Armenian source materials concerning the history of the Mongols, excerpts from the manuscripts of the 13th and 14th centuries Translated from Old Armenian] Armianskie istochniki o mongolakh, izvlecheniia iz rukopisei XIII—XIV vv. Moskva, Izd-vo vostochnoi lit-ry, 1962. 153 p.

MONILIASIS
Generalized candidiasis as a complication of antibiotic therapy. M L. Samotlovich, A. M. Charnyi. Sov. med. 26 no. 7:125-128 Jl '62

MONKEYS—PHYSIOLOGY
Akademiia meditsinskikh nauk SSSR, Moscow. Institut eksperimental'noi patologii i terapii, Sukhum. [Problems in the physiology and pathology of monkeys] Voprosy fiziologii i patologii obez'ian, sbornik rabot. Sukhumi, 1961. 339 p.
[MICROFILM]

MONONUCLEOSIS
Infectious mononucleosis with pronounced hepatolienal syndrome and generalized lymphadenopathy. P. L. Novikov. Zdrav. Bel. 8 no. 7:78 Jl '62.

MONSOONS
Analysis of the monsoon field over the sea in the case of a complexly shaped coast line. V. I. Lopatnikov. Dokl. AN SSSR 147 no. 2:353-356 N '62.

MONSTERS
Case of multiple monstrosity. A M Akopian. Trudy Erev. med. inst. no. 11 135-139 '60.
Malignant teratoma of the left ovary growing into the ileum. V. A. Izmailovich Zdrav. Bel. 7 no 11:54-55 N '61.

MONUMENTS
Minkin, A. E., and A. A. Khodchenkov. [Monuments and memorable places associated with the Patriotic War of 1812] Pamiatniki i pamiatnye mesta Otechestvennoi voiny 1812 goda. Smolensk, Smolenskoe obl. upr. kul'tury, 1962. 39 p.
[MICROFILM]

MOON
Design of a cassette for photographing the moon with the surrounding stars [with summary in English]. A. A. IAkovkin. Izv. Glav. astron obser. AN URSR 4 no. 2: 32-34 '62.
Measurement of the polarization of lunar radio emission at the 3,2 cm. wavelength with the large Pulkovo radio telescope [with summary in English]. N. S. Soboleva. Astron. zhur. 39 no. 6:1124-1126 N-D '62.
Observations of radio brightness distribution on the lunar disk at the 0,8 cm. wavelength [with summary in English]. A. E. Salomonovich, B. IA. Losovskii. Astron. zhur. 39 no. 6:1074-1082 N-D '62.
"Physics and astronomy of the moon" [in English]. Reviewed by A. Markov. Astron. zhur. 39 no. 6: 1141-1142 N-D '62.
Radiation properties of the moon at centimeter wavelengths [with summary in English]. V. D. Krotikov, V. S Troitskii. Astron. zhur. 39 no. 6 1089-1093 N-D '62.

MOON—LIBRATION
Experiment for determining the constants of the physical libration of the moon by the method of position angles [with summary in English]. A. A. Gorynia Izv. Glav. astron. obser. AN URSR 4 no. 2:35-45 '62.

MOON—OBSERVATIONS
Photographic and photoelectric polarimetry of the moon with light filters. K N. Derkach. Uch zap. KHGU 122.79-85 '62.

MOON—PHOTOGRAPHS, MAPS, ETC.
Experimental photographs of the moon at the 0,8-2,3μ wavelength at the Pulkovo Observatory [with summary in English]. N. F. Kuprevich. Astron. zhur. 39 no. 6:1136-1138 N-D '62.
Methods for and results of processing photographic observations of the moon [with summary in English] I. V. Gavrilov, S. P. Maior, L. N. Mizi'. Izv. Glav. astron. obser. AN URSR 4 no. 2:46-56 '62.

MOON—SURFACE
Photometric investigation of the microrelief of the moon's surface N. P. Barabashov, V I Ezerskii. Uch. zap KHGU 122 5-76 '62
Photometric investigation of the moon's surface N P. Barabashov, V A Ezerskaia, V L Ezerskii Uch. zap KHGU 122 107-110 '62

MORAINES see subdivision under Lubana Lowland

MORAL EDUCATION
Class adviser and work training of students S. I. Sitkevich and others. Sred spets obr 9 no 8 5-15 Ag '62.
For the improvement of educational work Z Mikhailova. Nar. obr no. 11 55-59 N '62
"Forming communist beliefs of the younger generation" by V A. Sukhomlinskii Book review Sov. pedag. 26 no. 6 156-160 Je '62
Heroic deeds are done by ordinary people A. V. Stanulionis. Rad. shk. 41 no 10:94-95 O '62.
Let's train the younger generation in the spirit of scientific communism Nar obr. no 11:1-9 N '62
Moral code of the builders of communism as a basis for moral education of the younger generation N I. Boldyrev Sov. pedag 26 no 6 14-24 Je '62.
"Moral education of children" by I Svadkovskii. Reviewed by I. Mar'enko Nar obr no. 12 109-111 D '62.
We should train a communist generation from an early age. K. G. Burskaia Nach. shkola 30 no. 11 35-41 N '62.
You can't pass it over in silence. V Sukhomlinskii. Nar obr no. 11 64-68 N '62

MORDOVIA—ALFALFA—FERTILIZERS AND MANURES
Effect of molybdenum on alfalfa yields. E. M. Kondat'eva, M. K. Desiatova. Uch. zap. Mord. gos. un. no. 13: 110-113 '60.

MORDOVIA—BARLEY
Cultivation practices for barley in Mordovia. K I. Krylov. Uch. zap. Mord. gos. un no. 13 99-101 '60

MORDOVIA—CORN (MAIZE)
Effect of deep fall plowing on corn yields in Mordovia N. K. Korabitskii. Uch. zap. Mord. gos un. no. 13:60-65 '60
Some problems of corn cultivation practices in Mordovia. G. G. Danilov Uch. zap Mord. gos. un no. 13:49-59 '60.

MORDOVIA—GRASSES—FERTILIZERS AND MANURES
Effectiveness of supplementary spring fertilizing of perennial grasses. M. I. Sorokin, P. Koval'chuk. Uch. zap. Mord. gos un. no. 13 106-109 '60.

MORDOVIA—LIBRARIES
If there is no support for the community. A. Artamonov Bibliotekar' no 11 40-43 N '62.

MORDOVIA—LUPINE
Cultivation of lupine in Mordovia, preliminary report. M. IA Koloskina. Uch. zap. Mord. gos. un. no. 13:225-232 '60.

MORDOVIA—RESTAURANTS, LUNCHROOMS, ETC.
For the workers of the Soviet Mordovia. O. Kovalenko. Obshcheatv. pit. no. 10:3-4 O '62.

MORDOVIA—TILLAGE
Soil packing in Mordovia. N. K. Karabitskii. Uch. zap. Mord. gos. un. no 13 3-5 '60

MORDOVIA—WATERMELONS—FERTILIZERS AND MANURES
Effect of fertilizers on the yield and fruit quality of watermelons in Mordovia. K I. Krylov. Uch. zap. Mord. gos. un. no 13 102-105 '60.

MORDOVIA—WINDBREAKS, SHELTERBELTS, ETC.
Effectiveness of shelterbelts in Mordovia. G. G. Danilov. Uch. zap Mord. gos. un. no 13:28-37 '60.

MORDOVIA—VETERINARY HELMINTHOLOGY
Some data on helminth infection of farm animals in Mordovia and measures for their prevention. I. A. Stepanov. Uch zap Mord. gos. un. no. 13:180-185 '60.

MORDVINIAN A. S. S. R. see Mordovia

MORDVINIANS see subdivision under Penza Province

MORPHINE
Effect of morphine on internuncial neurons of the spinal cord [with summary in English]. V. P. Lebedev. Farm. i toks. 24 no. 6.654-659 N-D '61.

MORPHOLINE
Heterocyclic compounds. Synthesis of benzoic esters of γ-and β-isomers of 1-(β-N-morpholinoethyl)-2, 5-dimethyl-4-ethynyl-4-piperidinol. A Sh. Sharifkanov, T. G. Sarbaev. Zhur. ob. khim. 32 no. 10:3176-3179 O '62.

MORPHOLOGY
Regularity of the correlation of features in anthropology [with summary in English]. IA. IA. Roginskii. Sov. etn. no. 5 15-20 S-O '62.

MORPHOLOGY—CONGRESSES
Coordinated conference on morphology [illegible] R Petrova Zdrav Bel. 7 no 11:67-[illegible]

MORSHANSK—ARCHAEOLOGICAL MUSEUMS AND COLLECTIONS
Archaeological collections of the Mor[illegible] Regional Study. T B. Popova. Sov. [illegible] 210-214 '62.

MORTALITY
Causes of death in gynecological diseases [illegible] zhina, A. F. Smirnova. Vop. okh. [illegible] 62-66 Ap '62

MORTAR
Efficient organization of mortar plants [illegible] skii, P. S. Svintskii. Stroi. i arkhit. [illegible] 14-19 D '61.
Mortars and concretes with an addition of [illegible] V. Rizovatov. Stroitel' 8 no. 10:5-6 [illegible]

MOSAICS see subdivision under Apollonia

MOSCOW—AGRICULTURAL EXHIBITIONS
Make the achievements of progressive [illegible] to all collective and state farms. [illegible] sel'khoz. 33 no 10:55-63 O '62.

MOSCOW—AGRICULTURAL MACHINERY—EXHIBITIONS
New machines at the Exhibition of Achievements [illegible] National Economy of the U. S. S. R. [illegible] 23 no. 2:78, 83-84 F '61

MOSCOW—AMBULANCE SERVICE
Centralization of the automobile transport [illegible] City Health Department. S. A. Potapov, [illegible] skii. Sov. zdrav. 21 no. 6.54-58 '62.

MOSCOW—APARTMENT HOUSES—MAINTENANCE AND REPAIR
Apartment houses need a new lease on life. [illegible] V. Novodvorskii. Zhil.-kom. khoz. [illegible] '62.
First results. A. Protopopov. Zhil.-[illegible] no. 11:20-21 N '62.

MOSCOW—ART GALLERIES AND MUSEUMS
Moscow. Gosudarstvennyi muzei [illegible] kusstv. [Guide to the museum] [illegible] Minor, ancient Greece, ancient Rome] [illegible] po muzeiu, Drevnii Egipet, Perednniia Aziia, [illegible] niaia Gretsiia, Drevnii Rim Moskva, [illegible] 1962. 147 p. (Iskusstvo Drevnego mira)

MOSCOW—ART INDUSTRIES
To make our daily life beautiful.... M. [illegible] torg 35 no 7:37-41 Jl '62.

MOSCOW—AUTOMOBILE INDUSTRY
Collaboration with institutes. Work of [illegible] Laboratory of the Moscow Small Automobile [illegible] V. E. Ermakov. Zav. lab. 28 no. 11:1341 [illegible]

MOSCOW—BAKERS AND BAKERIES
Additional pledges. M. I Poltorak [illegible] 6 no. 11 6-7 N '62.

MOSCOW—BAKERS AND BAKERIES—LABOR PRODUCTIVITY
The "Bol'shevik" Biscuit Factory in Moscow [illegible] prise of communist labor I. V. Khitrov [illegible] i kond. prom. 6 no 11:1-5 N '62.

MOSCOW—BALLET
Choreographic novella. N. Sheremet'evskaia [illegible] 26 no 9 54-58 S '62
Second attempt. V. Zolesskii, I. Kuznetsov [illegible] 26 no 9 47-53 S '62

MOSCOW—BEARING INDUSTRY
Automatic shop for manufacturing [illegible] I. A. Sauskan. Biul. tekh.-ekon. inform. [illegible] iasl. inst. nauch. i tekh. inform. no. 11 [illegible]

MOSCOW—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK
We should make skillful use of progressive [illegible] P. Fedun'kin. Agitator no. 21:36-39 [illegible]

MOSCOW—COMMUNIST YOUTH LEAGUE
The Communist Youth League aids construction projects. I. Titov. Ekon. strot. no. 11:70-[illegible]

MOSCOW—CONFECTIONERY
A seven-hour assignment accomplished [illegible] P. F. Solov'ev. Khleb. i kond. prom. 6 [illegible] 7 N '62.
The seven-year plan fulfilled in four years. [illegible] Klapovskii. Khleb. i kond. prom. 6 [illegible] 8-10 N '62.

MOSCOW—CONGRESSES
International congress of representatives of [illegible] picture engineering. Tekh. kino i telev. [illegible] N '62.

MOSCOW—CONSERVATORIES OF MUSIC

Graduates of the Moscow Conservatory A Kandinskii, N Peiko Sov muz 26 no 9 38-40 S '62

A school changes its address F Olkhovich. Sov muz 26 no 9 70-71 S '62

MOSCOW—CONSTRUCTION INDUSTRY

Bulavintseva, N. E., and N. S. Artsev [Wise force, sketches about Moscow construction workers] Mudraia sila, ocherki o moskovskikh stroiteliakh [Moskva] Mosk. rabochii, 1962. 106 p.

MOSCOW—CONSTRUCTION INDUSTRY—AUDITING AND INSPECTION

The Communist Youth League raids construction projects. I. Titov. Ekon. stroi. no. 11:70-72 N '62.

MOSCOW—DEPARTMENT STORES

Studying demand at a department store R Didenko, I Goltseker Sov torg 35 no 7,10-23 Jl '62

MOSCOW—EFFICIENCY, INDUSTRIAL

Our socialist obligations B I Chelnokov Khleb i kond prom 6 no 11 10 N '62

MOSCOW—EXHIBITIONS

Activity of the pavilion "Industry of the R.S.F.S.R." at the Exhibition of the Achievements of the National Economy of the U.S.S.R. in 1962. A P. Goncharik. Biul. tekh.-ekon. inform. Gos. nauch.-issl. inst. nauch. i tekh. inform. no. 11:90-92 '62

At the Exhibition of Achievements of the National Economy. L.B Zadzishek. Ogneupory 27 no. 11: 512-513 '62.

At the Exhibition of Achievements of the National Economy of the U.S.S.R. L. A. Frolakina Zashch. rast. ot vred. i bol. 7 no 7 60-61 Jl '62

Exhibition of the equipment and industrial products of Italian firms. G. O. Tatevos'ian Plast massy no 10: 73-74 '62.

Exposition of industrial construction at the Exhibition of Achievements of the National Economy of the U. S. S. R. M. M. Khodos. Prom. stroi. 40 no. 9:59-61 '62.

From the exhibition of Achievements of the National Economy. G. U. Dashevskaia. Metalloved. i term. obr. met. no. 11:45-52 N '62

In the pavillion of the Central Union of Consumers' Cooperatives. Sov. potreb. koop. 6 no 7,32 Jl '62

Large-panel housing construction and its industrial base Biul. stroi. tekh. 19 no. 11 46 N '62

Litvinov, S. V. [Radio broadcasting equipment at the Exhibition of the Achievements of the National Economy of the U. S. S. R.; exposition of 1960] Radioveshchatel'naia apparatura na VDNKh; ekspozitsiia 1960 g. Moskva, Gosenergoizdat, 1961. 71 p. (Massovaia radiobiblioteka, no. 402)

Machinery and instruments for construction work. K. Privalovskii. Sel'. stroi. no 10.16, 2 of cover. O '62.

New construction equipment and machinery. Sel'. stroi. no 8:20 Ag '62

Problems of soil erosion control as demonstrated at the Exhibition of Achievements of the National Economy of the U.S.S.R. A K Petrov Zemledelie 24 no. 10:77-84 O '62.

Supply Soviet people with beautiful articles of good quality. M Zaks. Nar. khoz Uzb 4 no. 10:90-91 O '62.

Works of the Chelyabinsk Province technical school students at the Exhibition of Achievements of the National Economy of the U.S.S.R. A. N. Sviridov. Sred. spets. obr. 39 no. 10, 55-56 O '62.

MOSCOW—HAWTHORN

Seasonal development of hawthorn in the Botanical Garden of the Moscow University. N. M. Solov'eva. Vest. Mosk. un. Ser. 6: Biol., pochv 17 no. 5:42-46 S-O '62.

MOSCOW—HEART—INFARCTION

Rendering first aid to patients with myocardial infarct in Moscow [with summary in English]. S. G. Moiseev. Sov. med. 26 no. 6:30-35 Je '62.

MOSCOW—HOTELS, TAVERNS, ETC.

Determining stresses in the columns of the frame of the "Ukraina" hotel building during construction and operation. E. E. Kochergova. Trudy TSNIISK no. 13:200-213 '62.

MOSCOW—HOUSING MANAGEMENT

Your heart doesn't go into retirement. A. Ivanov. Zhil.-kom. khoz. 12 no. 11:9 N '62.

MOSCOW—INDUSTRIAL MANAGEMENT

Count, search and economize V. Krestianinov. Sov. profsoiuzy 18 no. 21:4-6 N '62.

MOSCOW—INDUSTRIAL MANAGEMENT—RESEARCH

Economists of an institution of higher learning aid production. O. Kozlova. Vop. ekon. no. 10:47-53 O '62.

MOSCOW—INTELLECTUAL LIFE

Reviakin, A. I. [Moscow in the life and works of A. N. Ostrovskii] Moskva v zhizni i tvorchestve A. N. Ostrovskogo. [Moskva] Mosk. rabochii, 1962. 542 p.

MOSCOW—KARTING

Annoying ships in a good affair E. Zelibson. Za rul. 20 no 11 19 N '62.

MOSCOW—LIBRARIES, UNIVERSITY AND COLLEGE

They are making friends in Moscow A Petotskii Bibliotekar' no 11-28-30 N '62

MOSCOW—MANUSCRIPTS

"Descriptive catalog of the manuscripts of the Rumiantsev Museum." Vol. 1. Reviewed by L. N. Pushkarev. Ist. arkh. 8 no. 1 229-232 Ja-F '62

MOSCOW—MATHEMATICAL SOCIETIES

Abstracts of papers presented at the sessions of the Probabilities and Statistics Section of the Moscow Mathematical Society. Teor. veroiat. i ee prim. 7 no 1 469-477 '62

MOSCOW—MEDICAL COLLEGES

"Moscow Medical and Surgical Academy: an historical essay" by A B Preisman Reviewed by V. A Nevskii Sov med. 26 no 10 155-156 O '62.

MOSCOW—MUSIC—COMPETITIONS

After the competitions L Barenboim Sov. muz. 26 no 9 63-67 S '62

Impressions of a jury member Eugene Liszt Sov muz 26 no 9 67-70 S '62

MOSCOW—OPERA

New Mozart performance E Berliand Sov muz 26 no 9 58-62 S '62

Not only love E Dobry Sov muz 26 no 9:42-47 S '62

MOSCOW—PETROLEUM INDUSTRY—FIRES AND FIRE PREVENTION

The "Neftegaz" plant has the lead M Mikhailovskii Pozh delo 8 no 11 2-3 N '62.

MOSCOW—POLITICS AND GOVERNMENT

[Bulletin of the Moscow Executive Committee] Biul. Ispol. kom. Mosk. gor. sov. no. 21 N '62.

MOSCOW—PUBLIC BUILDINGS

[The Palace of Congresses in the Kremlin; sound and light] Kremlevskii Dvorets s"ezdov; zvuk i svet. Moskva, Iskusstvo, 1962. 1 v

Palace of Pioneers in Moscow N. Pekareva. Arkhit. SSSR no 9 50-62 '62

MOSCOW—RAILROADS—TECHNOLOGICAL INNOVATIONS

What is the innovator's goal? V Verkhovodko, V. Stanilevich. Sov. profsoiuzy 18 no 21:13-14 N '62

MOSCOW—RATS

Studying the migration of gray rats by means of radioactive tracers in a large city [with summary in English] V. A. Sudikin, V. P. Kharlamov, M. V. Sudeikina. Zool. zhur. 41 no. 9:1400-1412 S '62.

MOSCOW—RUBBER INDUSTRY—EQUIPMENT AND SUPPLIES

Several problems of utilizing capital assets in the "Kauchuk" Plant. A S Pikin. Vop. stat. i ucheta no 5: 118-137 '61.

MOSCOW—SHOE MANUFACTURE

The best styles of shoes for children of all ages. G. E Ezerskii, B. Z. Mulkiel'. Kozh.-obuv. prom. 4 no. 11 14-19 N '62.

MOSCOW—SPORTS

When the flag of competitions is down. A. Shishmareva. Sred. spets. obr. 9 no. 10:46-48 O '62.

MOSCOW—STEEL INDUSTRY

Novikov, I. D., and A. G. Ryzhkov. [Efficient organizers of the masses] Boevye organizatory mass, iz opyta partiinoi raboty. Moskva, Sovetskaia Rossiia, 1962. 63 p. (Reshenia XII s"ezda KPSS - v zhizn')

MOSCOW—TEXTILE INDUSTRY—STUDY AND TEACHING

First graduates from the Textile Faculty of the Moscow People's University of Technological Progress and Economic Sciences. P. D. Balinov, P. V. Vinov. Tekst. prom. 22 no. 10:7-12 O '62.

MOSCOW—TROLLEY BUSES

The trolley bus fleet is a creative laboratory. Zhil.-kom. khoz. 12 no. 11:13-14 N '62.

MOSCOW—VIEWS

Moscow, November 7, 1962. Ukraina no. 22:1 N '62.

MOSCOW—WATER, UNDERGROUND

Perennial conditions of hydrodynamic water pressures in the Middle and Lower Carboniferous of Moscow. A. A. Gavrilukhina. Trudy Lab. gidrogeol. probl. 40: 131-136 '62.

MOSCOW—WIRE INDUSTRY—TECHNOLOGICAL INNOVATIONS

Zubrev, I. P. [More production per unit of equipment] Bol'she produktsii s edinitsy oborudovaniia. [Moskva] Mosk. rabochii, 1962. 38 p. (Novatory semiletki)

MOSCOW BASIN—COAL GASIFICATION, UNDERGROUND

Effect of coal cleavage on the indices of the air connection linking in the Moscow Basin. I. V. Korolev. Nauch. trudy VNIIPodzemgaza no. 7:51-58 '62.

MOSCOW BASIN—MINE GASES

Gas balance and predicting the gas balance of Moscow Basin mines. M. B Sulin. Izv. vys. ucheb. zav., gor. zhur. 5 no 10 87-91 '62

MOSCOW PROVINCE—AGGREGATES (BUILDING MATERIALS)

Redesigning a seasonal brick plant for the production of agloporite I. V. Prilepskii, IA. M. Neiman Stroi. mat. 8 no 10 6-10 O '62

MOSCOW PROVINCE—CABBAGE MAGGOT—EXTERMINATION

Preparation for controlling the cabbage maggot. N. V. Tsitsin Zashch. rast. ot vred. i bol. 7 no 7 33-34 Jl '62

MOSCOW PROVINCE—CORN (MAIZE)

The machinery operators have reached new frontiers. V. Kulichenko Sel'. mekh. no. 4:17-18 '62

MOSCOW PROVINCE—DAIRY CATTLE BREEDING

Upgrading the stock of the "Lesnyye poliany" State Breeding Farm. E. N. Briantseva Zhivotnovodstvo 22 no 2 37-43 F '60.

MOSCOW PROVINCE—FACTORY LIBRARIES

For the honor of the factory's mark T. Vanushova. Bibliotekar' no 11.10-11 N '62

MOSCOW PROVINCE—FARM MECHANIZATION

The machinery operators have reached new frontiers. V. Kulichenko Sel'. mekh. no. 4:17-18 '62.

MOSCOW PROVINCE—FIRES AND FIRE PREVENTION

A common front. N Semina. Pozh. delo 8 no 11 6 N '62

MOSCOW PROVINCE—FOREST NURSERIES

Applying organic and mineral mixtures to Podzolic soils in the forest nurseries of Moscow Province. S S Lisin. Agrobiologiia no. 5,734-736 S-O '62.

MOSCOW PROVINCE—INDUSTRIAL MANAGEMENT

Specialization and cooperation of production in enterprises of the Moscow Province Economic Council. B. A. Kurenkov. Biul. tekh.-ekon. inform. Gos. nauch.-issl. inst. nauch. i tekh. inform. no. 11:94-96 '62.

MOSCOW PROVINCE—STOCK AND STOCKBREEDING—COSTS

Correct decision. G. N. Orzhekhovskii F. P Leonov. Uchet i fin. v kolkhoz. i sovkhoz 19 no 7 22-23 Jl '62

MOSCOW PROVINCE—TEXTILE FACTORIES

Following the initiative of the brigade named after the 22d Congress and the CPSU. V. I Denisov, A G. Milovanova Tekst. prom 22 no 11 24-27 N '62

MOSCOW REGION—BEANS

Chekanova, N. L. [Wishing you a great success, toilers of the Moscow region!] Bol'shogo uspekha, truzheniki Podmoskov'ia; otvety na voprosy polevodov. [Moskva] Mosk. rabochii, 1962. 46 p. (Liudi, dela, plany)

(DNAL)

MOSCOW REGION—BIRDS

Comparative analysis of birds in the Izmaylovo Park Forest V. E Flint, V. G. Krivoshneev. Biul. MOIP. Otd. biol. 67 no 3:18-28 My-Je '62.

MOSCOW REGION—CONSTRUCTION INDUSTRY

Chugunov, V. A. [The State-Farm Building Organization] Sovkhoznaia stroitel'naia organizatsiia. [Moskva] Mosk. rabochii, 1962. 43 p.

MOSCOW REGION—LEPTOSPIROSIS

Foci of leptospirosis in filtration fields near Moscow [with summary in English]. N. P. Sveshnikova, I. L. Kokovin, V. I. Terskikh. Zhur. mikrobiol., epid. i immun. 32 no. 12:78-83 D '61.

MOSCOW REGION—SEWAGE—MICROBIOLOGY

Foci of leptospirosis in filtration fields near Moscow [with summary in English]. N. P. Sveshnikova, I. L. Kokovin, V. I. Terskikh. Zhur. mikrobiol., epid. i immun. 32 no. 12:78-83 D '61.

MOSCOW REGION—STATE FARMS

Chugunov, V. A. [The state-farm building organization] Sovkhoznaia stroitel'naia organizatsiia. [Moskva] Mosk. rabochii, 1962. 43 p.

MOSQUITOES

(see also subdivision under Bukovina; White Russia)

Effect of different sources of light on the abundance and species of mosquitoes collected with light traps. K. A. Breev. Vop. akol. 4:92-93 '62.

MOSQUITOES—LARVAE

Materials on the developmental ecology of bloodsucking mosquitoes. Report No. 7 Anal gills of mosquito larvae of the Culiseta group (Diptera, Culicidae) [with summary in English]. A. V Maslo. Zool zhur 41 no 9 1425-1428 S '62

Role played by thermokinesis in animal distribution in the temperature gradient as exemplified by an analysis of temperature responses of the larvae of Anopheles plumbeus [with summary in English]. L. V. Ivanova Zool zhur 41 no 9 1345-1352 S '62

MÖSSBAUER EFFECT

Free and bound excitons in cadmium sulfide crystals and the analogue of the Mössbauer effect in optics F. F. Gross, B S Razbirin, S. A. Permogorov. Dokl. AN SSSR 147 no. 2-338-341 N '62,

Ultrasonic splitting of the Mossbauer line of absorption in tin oxide $Sn^{119}O_2$ [with summary in English] V A Burov, V A Krasil'nikov, O IU Sukharevskaia Zhur eksp i teor fiz 43 no 4 1184-1185 O '62

MOTH FLIES

Some biological regularities in the annual cycle of sand flies from observations in the city of Tashkent Report No 3. The duration of the developmental cycle of sand flies under laboratory conditions A.I Lisova Trudy TashNIIVS 6 251-264 '61

Some biological regularities in the annual cycle of sand flies from observation in the city of Tashkent Report No 4 The periods of the onset of diapause under laboratory conditions A I Lisova. Trudy TashNIIVS 6: 265-276 '61

MOTH FLIES—PARASITES see Parasites—Moth flies

MOTION

Contradictoriness of mechanical motion V. I. Svidersk'i. Nauch. dokl. vys. shkoly; filos nauki 5 no 5:93-99 '62

Diagram technique for calculating kinetic coefficients in statistical physics at finite temperatures [with summary in English] I. E Dzialoshinskii Zhur eksp. i teor. fiz. 42 no 4-1126-1134 Ap '62

Differential equations of the motion of a solid around a fixed point under the action of continuous impact impulses. G. I. Boldinskii, A. I. Zel'tin. Shor. nauch -issl. rab. TTF no 12:235-240 '61.

Geometrical characteristics of antipoles during the motion of a heavy nonsymmetrical body around a fixed point according to Gess' principle. V. A. Chikin. Izv. vys. ucheb. zav., mashinostr. no. 6:55-63 '62.

MOTION-PICTURE CAMERAS

New exposure meter for the motion-picture camera operator (with summary in English on p 96). D N. Vakuliuk, I. A. Chernitskii. Tekh. kino i telev. 6 no. 12 64-67 D '62

Use of remote control systems in motion-picture filming. I. N. Kiselev, G. Nikulin, IA. Butovskii. Tekh. kino i telev. 6 no 11-96 N '62.

MOTION-PICTURE INDUSTRY see subdivision under Armenia

MOTION-PICTURE INDUSTRY—EQUIPMENT AND SUPPLIES

Drying cabinet for silver-containing slime. Tekh. kino i telev. 6 no. 11:95-96 N '62.

MOTION-PICTURE PHOTOGRAPHY

Miasnikov, V. F. [Work practices in the production of technical motion pictures in industrial enterprises and other organizations] Opyt sozdaniia tekhnicheskikh kinofil'mov na predpriiatiiakh i v organizatsiiakh. Leningrad, 1962. 14 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Seriia Metodika postanovki nauchno-tekhnicheskoi informatsii i propagandy)

MOTION-PICTURE PHOTOGRAPHY—BIBLIOGRAPHY see Bibliography—Motion-picture photography

MOTION-PICTURE PHOTOGRAPHY—DEVELOPING AND DEVELOPERS

Mechanized development. F. Fradkin. Sov. foto 22 no 10:35 O '62.

Processing of motion-picture negative reversal films. V Shchekochikhin Sov foto 22 no. 10-36 O '62.

MOTION-PICTURE PHOTOGRAPHY—EQUIPMENT AND SUPPLIES
(see also subdivision under Germany, East)

Manufacture of motion-picture photographic materials in capitalist countries. Tekh kino i telev 6 no. 12. 66-69 D '62.

[Photographic and motion-picture equipment and optical instruments] Ref. zhur. Otd. vyp. 46: Foto-kinoapp. i opt. prib. nos. 23-24 D '62.

MOTION-PICTURE PHOTOGRAPHY—FILMS

Application of the reversal method in microfilming of originals with complex scanning pattern. N. P. Maksimov. Tekh. kino i telev. 6 no. 11:51-56 N '62.

MOTION-PICTURE PHOTOGRAPHY—FILMS—BIBLIOGRAPHY see Bibliography—Motion-picture photography—Films

MOTION-PICTURE PHOTOGRAPHY—STANDARDS

Uniform criterion of the sensitivity of cinematographic materials. Tekh. kino i telev. 6 no. 11-95 N '62

MOTION-PICTURE PLAYS
(see also subdivision under White Russia)

Obsession L Maliugin Nauka i zhizn' 29 no 5 54-57 My '62

"People and animals" Alena Vasilevich Rab. i sial. 38 no. 11 18-19 N '62.

Reporting on "Mosfilm" L Vakhnina. Znan ia pravda no 9.16-17 S '62

MOTION-PICTURE PROJECTORS

Motion-picture projection equipment and stripfilm projectors for educational, exhibition and information purposes. O. V. Peschanskii. Tekh. kino i telev. 6 no 11 57-58 N '62.

Sound 8 mm motion-picture projectors. V G Pell'. Tekh kino i telev 6 no 12 74-76 D '62

Three film motion-picture projector. IA. I. Beliaev. Tekh. kino i telev. 6 no. 11:63-64 N '62.

MOTION-PICTURE PROJECTION—BIBLIOGRAPHY see Bibliography—Motion-picture projection

MOTION-PICTURE STUDIOS see subdivision under Leningrad

MOTION PICTURES

Brief news Tekh kino i telev 6 no. 12 81 D '62

Discussing motion-picture systems with picture masking. E. M. Goldovskii, L. G. Tarasenko Tekh kino i telev 6 no. 12 69-73 D '62.

Goldovskii, E. M. [Principles of wide-film cinematography] Printsipy shirokoformatnogo kinematografa. Moskva, Iskusstvo, 1962. 210 p.

MOTION PICTURES—INTERNATIONAL COOPERATION

International congresses of representatives of motion picture engineering. Tekh. kino i telev. 6 no. 11-1-4 N '62.

MOTION PICTURES—LIGHTING

"Lighting engineering in motion picture projection" by G. L. Iraklí. Reviewed by S. M. Provornov. Tekh. kino i telev. 6 no. 11:93-94 N '62.

MOTION PICTURES—PRODUCTION AND DIRECTION

Bzheshkyi, I. IU. [How a motion-picture play is produced] IAk stvoriuiut'sia khudozhnii kinofil'm. 2., dop. vyd. Kyiv, Derzh. vyd-vo obrazotvorchoho mystetstva i muzychnoi lit-ry URSR, 1962. 43 p. (Bibliotechka z pytan' mystetstva: Kino)

Kryzhanivs'kyi, B. M., and IU. U. Novykov. [The motion-picture director] Rezhyser v kino. 2., dop. vyd. Kyiv, Derzh. vyd-vo obrazotvorchoho mystetstva i muzychnoi lit-ry URSR, 1962. 32 p. (Bibliotechka z pytan' mystetstva: Kino)

MOTION PICTURES, ANTIRELIGIOUS

Motion pictures today. V. Shneidorov. Nauka i rel. 4 no. 10.72-73 O '62.

MOTION PICTURES, TALKING

Sound impression, sound editing, rerecording and "electric printing" of wide films (with summary in English on p. 96) M. Z. Vysotskii, B. N. Konoplev, I. M. Urvantsev. Tekh. kino i telev. 6 no. 12:10-20 D '62

MOTION PICTURES AND CHILDREN

Stroeva, A. S. [Children, motion pictures, and television] Deti, kino i televidenie. Moskva, Izd-vo "Znanie," 1962. 45 p. (Novoe v zhizni, nauke, tekhnike. XI Seriia: Pedagogika, no. 6)

MOTION PICTURES IN EDUCATION

Educational motion pictures in a rural school. S. Sel'dinin. Nar. obr. no. 12 83-84 D '62.

Educational motion pictures in our school. E. Gusarov Nar. obr. no. 11:88-91 N '62.

New educational motion pictures. B. I. Grinberg. Nach. shkola 30 no. 11:93-94 N '62.

New educational motion pictures. B. V. Kubeev. Vest. vys. shkoly 20 no. 11:44 N '62.

"Newton's laws," a new educational film. V. A. Gringauz. Fiz. v shkole 22 no. 2:45-48 Mr-Ap '62.

MOTOR FUELS

Il'enko, O. G. [Motor-vehicle fuels and lubricants] Avtomobil'nye topliva i smazochnye materialy. Novocherkassk, Redaktsionno-izdatel'skii otdel NPI, 1960. 112 p.

Moscow. Nauchno-issledovatel'skii institut avtomobil'nogo transporta. [Operating and technical characteristics and the use of motor-vehicle fuels, lubricants and special-purpose liquids] Ekspluatatsionno-tekhnicheskie svoistva i primenenie avtomobil'nykh topliv, smazochnykh materialov i spetszhidkostei; sbornik statei. Moskva, Avtotransizdat, 1959. 84 p.
[MICROFILM]

MOTOR SCOOTERS—CATALOGS

Russia (1917- R.S.F.S.R.) Tul'skii ekonomicheskii administrativnyi raion. Sovet narodnogo khoziaistva. [Catalog of spare parts of the "Tula" TG-200 motor-scooter truck] Katalog zapasnykh chastei gruzovogo motorollera "Tula" TG-200. Moskva, Mashgiz, 1962. 75 p.

MOTOR VEHICLES

Apanovich, I. E., and D. S. Shkliar. [Driver's manual] Spravochnik shofera. [Sverdlovsk] Sverdlovskoe knizhnoe izd-vo, 1962. 199 p.

Chudakov, D. A. [Fundamentals of the theory of tractors and motor vehicles] Osnovy teorii traktora i avtomobilia. Moskva, Sel'khozizdat, 1962. 311 p. (Uchebniki i uchebnye posobiia dlia vysshikh sel'skokhoziaistvennykh uchebnykh zavedenii)

Nahula, H. IE., V. S Kalisa'kyl, and O. I. Manzon. [Manual for a driver of the third class] Pidruchnyk shofera tret'oho klasu. Vyd. 2., pererob. ta dop. Kyiv, Derzhtekhvydav URSR, 1962. 467 p.

News of foreign engineering. Za rul 20 no. 11-20-20 N '62.

MOTOR VEHICLES—COLD WEATHER OPERATION

Before the winter Za rul. 20 no. 11:32 N '62.

MOTOR VEHICLES—DESIGN AND CONSTRUCTION

Readers suggest new car designs. E. Gianov. Za rul. 20 no. 11 16b-16c N '62.

MOTOR VEHICLES—ENGINES

Using easily changeable bushes in engine repair. E. Kichigin. Avt. transp 40 no. 10.29-31 O '62.

MOTOR VEHICLES—ENGINES—COOLING

Koltypin, S. G. [Removing scale from the cooling systems of motor-vehicle engines] Udalenie nakipi iz sistemy okhlazhdeniia avtomobil'nykh i traktornykh dvigatelei. Moskva, Avtotransizdat, 1962. 60 p.

MOTOR VEHICLES—FUEL SYSTEMS

Volchok, L. IA. [Feed of motor-vehicle and tractor engines] Pitanie avtomobil'nykh i traktornykh dvigatelei. Minsk, Izd-vo MVSS i PO BSSR.
Pt. 1. [Feed of carburetor engines] Pitanie karbiuratornykh dvigatelei. 1962. 160 p.

MOTOR VEHICLES—LUBRICATION

Il'enko, O. G. [Motor-vehicle fuels and lubricants] Avtomobil'nye topliva i smazochnye materialy. Novocherkassk, Redaktsionno-izdatel'skii otdel NPI, 1960. 112 p.

Moscow. Nauchno-issledovatel'skii institut avtomobil'nogo transporta. [Operating and technical characteristics and the use of motor-vehicle fuels, lubricants and special-purpose liquids] Ekspluatatsionno-tekhnicheskie svoistva i primenenie avtomobil'nykh topliv, smazochnykh materialov i spetszhidkostei; sbornik statei. Moskva, Avtotransizdat, 1959. 84 p.
[MICROFILM]

MOTOR VEHICLES—MAINTENANCE AND REPAIR
(see also subdivision under Omsk)

Maintenance of motor vehicles should be on a higher level. A. Vorobei. Avt transp. 40 no. 10:21-24 O '62,

Organizing the maintenance of motor vehicles in agriculture. V. Kozlov. Avt. transp. 40 no. 10:23-25 O '62,

Periods of the maintenance of special-purpose motor vehicles. A. Zverdin. Avt. transp. 40 no. 10:27-28 O '62,

MOTOR VEHICLES—SOCIETIES, ETC. see subdivision under Rostov-on-Don

MOTORBOAT RACING see subdivision under Aluksnes Ezers

MOTORBUS LINES see subdivision under Minsk

MOTORBUSES

Operating requirements to local motorbuses. IU. Sarafanov. Avt. transp. 40 no. 10:41-43 O '62.

MOTORCYCLE RACING
(see also subdivision under Irbit; Odessa)

Coaches at a desk. IA. Popov. Za rul. 20 no. 11:21 N '62,

Competitions with the greatest participation. V. Marzhetskii. Za rul. 20 no. 11:20 N '62.

Organizing racing on an ice track. IU. Podval'nyi. Za rul. 20 no. 11-8-9 N '62.

Racing abroad. Za rul. 20 no. 11:31 N '62.

Teachers and pupils switch the roles. A. Kuba. Za rul. 20 no. 11:12-13 N '62.

MOTORSHIPS

Nebesnov, V. I. [Estimate of the operating conditions of marine power plants on motorships] Raschet ekspluatatsionnykh rezhimov raboty silovoi ustanovki teplokhoda. Moskva, Izd-vo "Morskoe transport," 1962. 141 p.

MOTORTRUCKS

Belorusets, E. A., and A. A. Zhilin. [The Skoda - 1201 motortruck] Avtomobil' Shkoda-1201. Moskva, Avtotransizdat, 1962. 116 p.

Operating characteristics of the UAZ-451 motortrucks A. Akhmedov, P. Malyshnov. Avt. transp. 40 no. 10 39-41 O '62.

Operational requirements for automotive transportation facilities for construction IU. M. Vlasko. Stroi. i dor. mash. 7 no. 10 6-9 O '62.

MOTORTRUCKS—CATALOGS

Gosudarstvennyi Ul'ianovskii avtomobil'nyi zavod. [Catalog of spare parts of the UAZ-451 and UAZ-451D motortrucks] Katalog zapasnykh chastei avtomobilei UAZ-451 i UAZ-451D. Moskva, Mashgiz, 1962. 187 p.

MOTORTRUCKS—DESIGN AND CONSTRUCTION see subdivision under Minsk

MOTORTRUCKS—MAINTENANCE AND REPAIR

Stand for dismantling and assembling of the front axle of the GAZ-51 motortruck. M. Konovalov. Avt. transp. 40 no. 10:54 O '62.

MOTORTRUCKS, MILITARY

Cross-country races are necessary V. Mezhoumov Starsh. serzh. no. 9 29 S '62.

MOUNDS see subdivision under Novo-Vorontsovskiy District; Polibino region (Pskov Province); Yaroslavl Province

MOUNTAIN ECOLOGY

Effect of altitudinal zonality on the activity of cambium in arboreous plants E. D. Lobzhanidze. Dokl. AN SSSR 147 no. 1:231-232 N '62.

MOUNTAINEERING—ABSTRACTS

[Regional studies] Ref. zhur. Otd. vyp. 35 Kraeved. no. 11 N '62.

MOUNTAINS

(see also subdivision under Africa)

Three-dimensional problem of the motion of a cold air layer over mountains which are small compared to the thickness of the layer. E. R. Fainberg. Dokl. AN SSSR 147 no. 2:357-359 N '62.

MOVEMENT, PSYCHOLOGY OF

Importance of some head and body positions in animals for the correct differentiation of sound conditioned stimuli under conditions of free movement [with summary in English]. V. L. Syrenskii. Biul. eksp. biol. i med. 54 no. 7:6-10 Jl '62.

MOVEMENT (PHYSIOLOGY)

Significance of dynamic components in the central regulation of the coordinating structure of locomotor acts in man. L. V. Chkhaidze. Biofizika 7 no. 4:460-467 '62.

MOWING MACHINES

Forage plant mowing machine. I. Sokol. Sel'. mekh. no. 4:33 '62.

MOZART, WOLFGANG AMADEUS, 1756-1791

New Mozart performance E. Berlioz. Sov. muz. 26 no. 9 58-62 S '62.

MOZYR' DISTRICT—FARM MECHANIZATION

In quest of the new. IA. Makrushyn. Rab. i sial. 38 no. 11:4-5 N '62.

MSTIBOVO—CITIES AND TOWNS, RUINED, EXTINCT, ETC.

The small town of Mstibogov. P. A. Rappoport. Krat. soob. Inst. arkheol. no. 87 105-107 '62.

MUCOIDS

Mucoid substances in animal tissues. A. A. Tustanovskii. Usp. sovr. biol. 54 no. 1:3-24 Jl-Ag '62

MUCUS

Mucocele of the frontal sinuses complicated by a wasting away of the cerebral walls. N. V. Mishen'kin. Zhur. ush., nos. i gorl. bol. 22 no. 2:74-75 Mr-Ap '62.

MUD VOLCANOES see subdivision under Taman' Peninsula

MUGAY—RURAL SCHOOLS

Fiftieth anniversary of the Mugay eight-year school. G. M. Chistiakova. Nach. shkola 30 no. 11:32-33 N '62.

MUKACHEVO—GUIDEBOOKS

Burma, D. I., and A. N. Gorshkov. [Mukachevo; guidebook] Mukachevo; putevoditel'. Uzhgorod, Zakarpatskoe obl. knizhno-gazetnoe izd-vo, 1962. 69 p.

MULTIPLE SCLEROSIS

Etiology of multiple sclerosis (data from electron microscopy of the cerebrospinal fluid of patients) [with summary in French]. E. D. Gorynia. Zhur. nevr. i psikh. 61 no. 10:1497-1504 '61.

MUNICIPAL SERVICES

(see also subdivision under Anapa; Luga; White Russia)

Beacons! That's what we call the best groups. Zhil.-kom. khoz. 12 no. 11:3 N '62.

From the pages of magazines. Zhil.-kom. khoz. 12 no. 11,31 N '62.

In decisive portions of the development and introduction of new technology. Zhil.-kom. khoz. 12 no. 11:8 N '62.

Our customers speak out. A. Lebedinskii and others. Zhil.-kom. khoz. 12 no. 11:4-5 N '62.

Readers report, advise, suggest... Zhil.-kom. khoz. 12 no. 11 30 N '62.

MURAL PAINTING AND DECORATION see subdivision under Samarkand

MURGAB VALLEY—CALLIGONUM—DISEASES AND PESTS

Biology of some Lepidoptera injurious to saksaul and Calligonum in the lower Murgab Valley (Turkmen S.S.R.) M. A. Daricheva. Izv. AN Turk. SSR. Ser. biol. nauk no. 5:80-85 '62.

MURGAB VALLEY—LEPIDOPTERA

Biology of some Lepidoptera injurious to saksaul and Calligonum in the lower Murgab Valley (Turkmen S.S.R.) M. A. Daricheva. Izv. AN Turk. SSR. Ser. biol. nauk no. 5:80-85 '62.

MURGAB VALLEY—SAKSAUL—DISEASES AND PESTS

Biology of some Lepidoptera injurious to saksaul and Calligonum in the lower Murgab Valley (Turkmen S.S.R.) M. A. Daricheva. Izv. AN Turk. SSR. Ser. biol. nauk no. 5:80-85 '62.

MURMANSK—PEDIATRIC SOCIETIES

Twenty fifth anniversary of the Murmansk branch of the All-Union Society of Pediatricians. Vop. okh. mat. i det. 7 no. 7:91 Jl '62.

MURMANSK PROVINCE—BLACK FLIES

"Black flies of Karelia and Murmansk Province (Diptera, Simuliidae)" by Z. V. Usova. Reviewed by I. A. Rubtsov. Ent. obor. 41 no. 2 482-484 '62.

MURMANSK PROVINCE—BORING

Drilling with a roller bit in flooded strata. G. S. Filippov. Gor. zhur. no. 6:38-39 Je '62.

MURMANSK PROVINCE—CARBONATITES

Cobalt content in carbonatites. B. I. Serba. Geokhimiia no. 9,839-840 '62.

MURMANSK PROVINCE—COBALT

Cobalt content in carbonatites. B. I. Serba. Geokhimiia no. 9 839-840 '62.

MURMANSK PROVINCE—FISHERIES

Appeal of the participants of the Murmansk Province conference of the party activists engaged in the economy of the fishing industry and fishing collectives to all seamen, collective fishermen, workers, engineers and technicians, scientific workers, and employees of the fishing industry of the Murmansk Economic Region. Ryb. khoz. 38 no. 5 8-13 '62.

MURMANSK PROVINCE—INSECTS, INJURIOUS AND BENEFICIAL

Review of pests of agricultural plants in Murmansk Province [with summary in English]. M. K. Znamenskaia. Ent. obor. 41 no. 2:310-321 '62.

MURMANSK PROVINCE—OOSPORA

Granosan in controlling the Oospora infection of potatoes. A. P. Khar'kova, N. M. Rudenko. Zashch. rast. ot vred. i bol. 7 no. 3:34-35 Mr '62.

MURMANSK PROVINCE—POTATOES—DISEASES AND PESTS

Granosan in controlling the Oospora infection of potatoes. A. P. Khar'kova, N. M. Rudenko. Zashch. rast. ot vreb. i bol. 7 no. 3:34-35 Mr '62.

MUSCLE

Absorption of glucose, pyruvate and lactate by muscle tissue during insulin, conditioned insulin stimulation and amytal sleep. G. S. Khachatrian. Trudy Erev. med. inst. no. 11:49-58 '60.

New experimental data on the nature of the rhythmic activity of the foot of the edible snail Helix pomatia [with summary in English]. Kh. S. Koshtoiants, P. Volpe. Zool. zhur. 41 no. 9:1419-1420 S '62.

Oxidative phosphorylation and glycolysis in the muscle tissue [with summary in English]. N. P. Meshkova, T. IU. Lipskaia, N. A. Oreshnikova. Vop. med. khim. 8 no. 1:78-82 Ja-F '62.

Some clinical and electromyographic correlations in disorder of the muscle tone in cerebral insultus. [With summary in French]. D. K. Lunev. Zhur. nevr. i psikh. 61 no. 10:1444-1452 '61.

MUSCLE RELAXANTS

Intubation anesthesia with relaxants in emergency operations on patients in terminal states. F. R. Chernikhovskii. Khirurgiia no. 12:102-103 '61.

Use of muscle relaxants in the clinical aspects of traumatology and orthopedics during concurrent combined anesthesia. V. I. Sokolov. Vest. khir. no. 5: 81-85 '62.

MUSCLES

Change in the subordinate influences on the motor chronaxia of the muscles in spastic hemiparesis and athetosis [with summary in French]. Z. A. Zhelobovo. Zhur. nevr. i psikh. 62 no. 6,815-819 '62.

Effect of stretching on the rest and action potentials in single crab muscle fibers. V. I. Bruskov, L. L. Voronin Biofizika 7 no. 4:491-493 '62

On the ultraviolet fluorescence of muscles. I. IA. Baiskii, E. M. Brumberg, V. A. Brumberg. Dokl. AN SSSR 147 no. 2:474-476 N '62.

Some variants in the muscles of human upper extremities. A. IA. Ter-Grigorian. Trudy Erev. med. inst. no. 11:129-133 '60.

MUSCLES—MOTILITY

Role of free radicals in muscle contraction Van Lin-fan [Wang Ling-fang] and others. Biofizika 7 no. 4: 479-480 '62.

Structural reorganization of the transversestriated muscles during contraction. N. V. Samosudova, G. M. Frank Biofizika 7 no. 4:411-416 '62.

Structure of muscle proteins in relation to the problem of muscle contraction. N. A. Gabelova, V. V. Kobliakov Biofizika 7 no. 4:387-401 '62

MUSCOVITE see subdivision under Aldan Plateau

MUSEUMS

(see also subdivision under Ukraine; see also 'Art galleries and museums' under Moscow, Prague)

Russia (1917- R.S.F.S.R.) Ministerstvo kul'tury. [Museums of the Russian Federation] Muzei Rossiiskoi Federatsii. Moskva, 1961. 0 p.

MUSEUMS—FIRES AND FIRE PREVENTION see subdivision under Leningrad

MUSHROOM CULTURE see subdivision under Ukraine

MUSIC

(see also subdivision under Bulgaria; Transcaucasia)

Art and peace Galina Ulanova Sov. muz. 26 no. 9 5-9 S '62

Brief news. Sov. muz. 26 no. 9 145-150 S '62

Participants of the All-World Congress for General Disarmament and Peace visit us. Alan Bush. Marcel Rubin Sov. muz. 26 no. 9 131-134 S '62

MUSIC—ANALYSIS, APPRECIATION

Vasina-Grossman, V. A. [Book for music lovers] Kniga dlia liubitelei muzyki. Moskva, Muzgiz, 1962. 186 p.

MUSIC—BIBLIOGRAPHY see Bibliography—Music

MUSIC—COMPETITIONS see subdivision under Moscow

MUSIC—COMPOSITION see Composition (Music)

MUSIC—HISTORY AND CRITICISM

Danilovich, L. V. [Book about Soviet music] Kniga o sovetskoi muzyke. Moskva, Muzgiz, 1962. 443 p.

Ratskaia, TS. S. [Music and our times] Muzyka i sovremennost'. Moskva, Izd-vo "Znanie," 1962. 30 p. (Novoe v zhizni, nauke, tekhnike. VI Seriia. Literatura i iskusstvo, no. 21)

MUSIC, ARMENIAN—HISTORY AND CRITICISM

"History of the Armenian musical theater" [in Armenian] by G. Tigranov Reviewed by IU. Tiulin Sov. muz. 26 no. 9,135-136 S '62.

MUSIC, BULGARIAN—HISTORY AND CRITICISM

Angelov, Krum, ed. [Collected articles of Bulgarian music critics. Translated from the Bulgarian] Sbornik statei bolgarskikh muzykovedov. Moskva, Muzgiz, 1962. 227 p.

MUSIC, TATAR—HISTORY AND CRITICISM

More on IA. G. [illegible] 26 no. 9 139

[illegible] by White Russian composers] Tema partizanskoi bor'by v tvorchestve belorusskikh kompozitorov. Minsk, Gos. izd-vo BSSR, 1961. 43 p.

MUSICAL NOTATION

Belaev, V. M. [Old Russian musical notation] Drevnerusskaia muzykal'naia pis'mennost'. Pod obshchei red. S. V. Akatuka. Moskva, Sovetskii kompozitor, 1962. 132 p.

MUSICIANS—CORRESPONDENCE, REMINISCENCES, ETC.

[From the archives of Russian musicians] Iz arkhivov russkikh muzykantov; [trudy Gosudarstvennogo tsentral'nogo muzeia muzykal'noi kul'tury imeni M. I. Glinki]. Gos. muzykal'noe izd-vo, 1962. 194 p.

MUSSELS

(see also subdivision under Barents Sea)

Antibiotic characteristics of the tissues of the ctenophore Beroe cucumis Fabr. and the mussel Mytilus edulis L. B. V. Chentsov. Trudy MMBI no. 4:229-243 '62.

MUTUAL ECONOMIC ASSISTANCE COUNCIL

Development of foreign trade contacts; communiqué on the meeting of the Permanent Commission on Foreign Trade of the Mutual Economic Assistance Council Vneshn. torg. 42 no. 11 30 '62.

Eleventh meeting of the Permanent Commission on Nonferrous Metallurgy in the Mutual Economic Assistance Council TSvet met 35 no 7 92-93 Jl '62

International comparison of the volume of capital investments V F Terekhov, V T Isupov, E. N. Orlova Och po sovr sov i zarub ekon no 3 168-185 '62

Internationalism in action N Faddeev. Agitator no 21 10-13 N '62

MUTUAL ECONOMIC ASSISTANCE COUNCIL—CONGRESSES

Conference of Mutual Economic Assistance Council experts on the problems of international economic comparisons Plan khoz 39 no 11 95 N '62

Problems of the economics and organization of production and labor in socialist countries D. Onika. Vop. ekon. no. 10 54-65 O '62.

MYASTHENIA GRAVIS

Anesthesia during operations on myasthenic patients [with summary in English] V. L Vanevskii Vest khir. no. 6 51-57 '62.

Surgical treatment of myasthenia gravis [with summary in English]. B K Osipov Khirurgiia no 1 119-123 '62.

MYCOBACTERIUM TUBERCULOSIS

Study of some biological properties of tuberculous vaccine strain 115 on monkeys A B. Inogamov and others Trudy TashNIIVS 6 3-7 '61.

MYOCARDIUM

Effect of strophanthin on the activity of some enzymes of the carbohydrate-phosphate metabolism of the myocardium. N. M Dmitrieva, K. I. Rubchinskaia Farm i toks 24 no. 6 719-723 N-D '61.

MYOTONIA

Case of dystrophia myotonica. A. L. Leonovich. Zdrav. Bel. 8 no. 7; 76-77 Jl '62.

MYSORE—HISTORY

Domestic and foreign policy of Mysore in the conclusive stage of the struggle against the English colonizers, 1793-1799. A. Kasymov. Nauch rab. i soob. Otd obshchestv. nauk AN Uz. SSR 4:352-362 '61.

MYTHOLOGY, CLASSICAL—DICTIONARIES

"Mythological dictionary" by M. N. Botvinnik and others. Reviewed by V. K. Pukhtinskii. Vest. drev. ist. no. 4: 135-136 '62.

MYTILACEA, FOSSIL see subdivision under Bulgaria

NAKHICHEVAN A. S. S. R.—GEOLOGY

"Geology of the Nakhichevan A. S. S. R." by Sh. A. Azizbekov Reviewed by G. I. Teodorovich Sov geol. 5 no. 6:148-149 Je '62.

NALYVAIKO, SEVERYN, d. 1597

Myshko, D. I. Severyn Nalyvaiko. Kyiv, Radians'ka shkola, 1962. 113 p.

NAMES, GEOGRAPHICAL

Respublikans'ka narada z pytan' toponimiky ta onomastyky. 1st, Kiev, 1959. [Problems of toponymy and onomastics] Pytannia toponimiky ta onomastyky; materialy. Kyiv, Vyd-vo Akad. nauk URSR, 1962. 236 p.

NAPHTHALENE

Naphthalene series. Part 25: Formation of sulfones by the action of chlorosulfonic acid on naphthalene. V. V. Kozlov and others. Zhur. ob. khim. 32 no. 10.3440-3445 O '62.

Production of naphthalene from aromatized raw materials by means of high temperature hydrogenation A. A. Krichko, A. V. Lozovoi, L. S. Sovetova. Khim prom. no. 6.387-391 Je '62.

NAPHTHALENEDISULFONIC ACID

Extraction-photometric determination of titanium in steels with 2,7-dichlorochromotropic acid. N. N. Basargin and others. Zav. lab. 28 no. 11 1311-1313 '62.

NAPHTHALENONE

Condensation of 5-fluoroacenaphthenequinone with 3-oxythionaphthene and its derivatives. A. P. Karishin, D. M. Kustol. Zhur. ob. khim. 32 no. 10:3142-3143 O '62.

NAPHTHENES

Condensation of 5-fluoroacenaphthenequinone with 3-oxythionaphtene and its derivatives. A. P. Karishin, D. M. Kustol. Zhur. ob. khim. 32 no. 10:3142-3143 O '62.

NARO-FOMINSK—TEXTILE FACTORIES

For the fulfillment of the seven-year plan ahead of time. M. F. Stolbov, N. I. Gerasimov. Tekst. prom. 22 no. 11:21-24 N '62.

NARVA RESERVOIR—WATER—POLLUTION

Effect of waste waters from the gas slate industry on the sanitary state of the Plyussa River and the Narva Reservoir. A. I. Makhinenko, E. V. Tepliakova. Trudy LSGMI no. 68:161-166 '61

Pollution with phenols of the soil, subsurface waters and bottom sediments in the region of the combine "Slantsa". Z. V. Soboleva, M. A. Shvetsova, P. V Shvetsov Trudy LSGMI no. 68:167-172 '61.

NATIONALITIES
(see also subdivision under China; Soviet Central Asia)

"Great power of eternal friendship" by V. Tuliani. Reviewed by V. Uvarov. Komm Mold. 7 no 7 75-77 Jl '62

The greatest achievement of socialism. S. Stepin. Komm. Bel 36 no 10:12-17 O '62

Kammari, M. D. [To complete unity; development and rapprochement of the nations of the U. S. S. R on the way to communism] K polnomu edinstvu; o rastsvete i sblizhenii natsii SSSR na putiakh k kommunizmu Moskva, Izd-vo "Znanie," 1962 31 p (Novoe v zhizni, nauke, tekhnike. I Serlia. Istoriia, no. 21)

Leninist nationalities policy in the U. S. S. R. B. V. Gaubikh. Vop. ist. KPSS 6 no. 6:225-227 '62.

Noncapitalist development of backward peoples S. N Ikonnikov. Ist. SSR 6 no. 6 209-212 N-D '62.

Socialist internationalism and labor. M A. Sverdlin. Nauch. dokl. vys. shkoly, filos. nauki 5 no. 5:3-11 '62

V. I. Lenin and the establishment of the U. S. S. R. M. S. Akhmedov. Vop. ist. KPSS 6 no. 6:32-38 '62.

V. I. Lenin's treatment of the problem of nationalities on the eve of the first Russian revolution. A. S. Pavlov. Izv. AN Kazakh. SSR. Ser. ist., arkheol. i etn. no. 3:3-17 '62.

NATIONALIZATION see Government ownership

NATIVE RACES see subdivision under Australia, Siberia

NATURAL HISTORY see subdivision under Kirghizistan, Sikhote-Alin' Range

NATURAL MONUMENTS see subdivision under Baltic States

NATURAL RESOURCES see subdivision under Africa; Kirghizistan, Soviet Central Asia

NATURE PHOTOGRAPHY

A subject deserving attention. V Peskov. Sov. foto 22 no. 10:38-39 O '62.

NATURE STUDY
(see also subdivision under Kemerovo Province)

Club for "question boxes." [Un. nat. no. 10:26 O '62.

Nature calendar F. M Skuratov, V. M Morinkina, A D. Zamorskii. Priroda 51 no. 11.127-128 N '62.

Notes of a naturalist. [Un. nat. no. 10:36-39 O '62.

Page of answers to questions published in No 6. [Un. nat. no 10:27-28 O '62.

Tales around the camp fire. N. Bobneva. [Un. nat. no. 10 12, 14-15 O '62

NAUTICAL CHARTS

Ermolaev, G. G. [Plotting radio bearings on marine charts] Prokladka radiopelengov na morskoi karte; uchebnoe posobie dlia sudovoditel'skikh fakul'tetov vysshikh inzhenernykh morskikh uchilishch MMF. Moskva, Izd-vo "Morskoi transport," 1962. 84 p

NAUTICAL TRAINING SCHOOLS see subdivision under Soviet Far East

NAVAL ARCHITECTURE—PROBLEMS, EXERCISES, ETC.

Storozhev, N. F. [Elementary strength calculations of ship structures and mechanisms] Elementarnye raschety prochnosti sudovykh konstruktsii i mekhanizmov, sbornik zadach. Moskva, Izd-vo "Rechnoi transport," 1962. 260 p.

NAVAL EDUCATION
(see also subdivision under Sevastopol)

The sea does not tolerate conditional actions E Shcherbakov Starsh -serzh no 9 9 S '62.

NAVIES see also subdivision 'Navy' under Russia

NEAR EAST—DESCRIPTION AND TRAVEL

Travels of a writer. Sergei Borodin. Uzbekistan 21 no. 10:21-23 '62.

NEAR EAST—HISTORY, ANCIENT—BIBLIOGRAPHY

Annotated bibliography of recent studies on the ancient East. Vest. drev. ist. no. 1:165-172 '62.

NEBULAE

Association of filamentary nebulae - remnants of envelopes of type II supernovae with H_α emission stars [with summary in English]. R. E. Gershberg. Astron. zhur. 39 no. 6:1033-1037 N-D '62.

Diffusion of resonance radiation in stellar atmospheres and nebulae. I. Semi-infinite medium [with summary in English]. V. V. Ivanov. Astron. zhur. 39 no. 6: 1020-1032 N-D '62.

NEBULAR HYPOTHESIS

Shmidt, O. IU. [Origin of the earth and planets] Proiskhozhdenie Zemli i planet. Moskva, Izd-vo Akad. nauk SSSR, 1962. 120 p.

NECESSITY (PHILOSOPHY)

The categories of "necessity" and "chance" in the theory of knowledge. V Sokolov. Trudy MIIT no. 145 [illegible] '62.

NEGROES see subdivision under United States

NEKALS

Effect of nekal on the sanitary conditions of reservoirs O. E. Goeva. Trudy LSGMI no. 68:130-137 '61

NEKRASOV, NIKOLAI ALEKSEEVICH, 1821-1877

Language and style of N. A. Nekrasov's poem "Railroad" M. V. Vlasov Rus. iaz v shkole 23 no 5 [illegible] '62.

NEMAPOGON

New genus of fungus moths Arctinemapogon Zagulajev gen. n. and its new species (Lepidoptera, Tineidae, Nemapogoninae) [with summary in English] A. A. Zagulinev Zool zhur 41 no. 7:1011-1017 Jl '62

NEMATOCIDES

New nematocides - polyhalo derivatives of hydrocarbons and esters of haloacetic acids. S. D. Volorkovich [illegible] and others. Khim. prom no 9 646-650 S '62.

NEMATODA

Impossibility of self-infection by Amidostomum [illegible] [with summary in English]. E. R Golfel Zool zh. t. 41 no. 7,993-997 Jl '62.

Syphacia (Symphatineria) toschevi sp. n., a new nematode from the intestines of a squirrel [with summary in English]. A. M. Petrov, M. G. Bulanov. Zool zh. t. 41 no. 7:1103-1106 Jl '62.

NEMATODA—BIOLOGICAL CONTROL

More attention to the biological methods for the protection of plants against nematodes. M. S. Dunin Zashch. rast. ot vred i bol. 4 no. 6 32 N-D '59

NEMATODE DISEASES OF PLANTS
(see also subdivision under United States)

More attention to the biological methods for the protection of plants against nematodes M. S. Dunin Zashch. rast. ot vred. i bol 4 no 6:32 N D '59

New data on the oat nematode Heterodera major T. A. Ivanova Zashch. rast ot vred i bol. 4 no 6 [illegible] 36 N-D '59

Regular features in the distribution of nematodes in soils and plants E. S. Kir'ianov. Zashch. rast. ot vred. i bol. 4 no 6:28-29 N-D '59

Stem nematode of potatoes. A. A. Ustinov, P. P. Tereshchenko Zashch. rast. ot vred i bol 4 no 6 29-31 N-D '59

Strawberry nematode in the central zone of the R. S. F. S. R. E. M. Drozdovskii. Zashch. rast ot vred i bol 7 no 5 53-54 My '62

Urgent problems of plant helminthology. A A Paramonov. Zashch rast ot vred. i bol. 4 no 6 25-28 N D '59.

NEMIROVICH-DANCHENKO, VLADIMIR IVANOVICH, 1858-1943

Freidkina, L. M. [Days and years of Vl. I. Nemirovich-Danchenko, a chronicle of his life and works] Dni i gody Vl. I. Nemirovicha-Danchenko, letopis' zhizni i tvorchestva. [Moskva] Vsesoiuz. teatral'noe ob-vo, 1962. 641 p.

NEMUNAS RIVER—RUNOFF

Long-range forecast of the minimum and seasonal runoff of the Nemunas River in the summer and fall. L. K. Remizova. Trudy GGI no. 97:243-260 '62.

NENCKI, MARCELI, 1847-1901

Marceli Nencki and his studies in the field of infectious pathology. A. A. Efremenko. Zhur. mikrobiol., epid. i immun. 32 no. 12:126-130 D '61.

NEODYMIUM-MAGNESIUM ALLOYS see Magnesium-neodymium alloys

NEO-SCHOLOSTICISM

Dialectical contradiction and Neo-Thomistic analysis L. I. Grekov. Nauch. dokl. vys. shkoly; filos. nauki 4 no. 5:103-108 '62.

NEOSTIGMINE

Neurohumoral substances in the progerine treatment of post-insultus motor disorders [with summary in French]. A. A. Filina. Zhur. nevr. i psikh. 61 no. 12: 1469-1476 '61.

NEPAL—ETHNOLOGY

A voyage to Nepal. IU. I. Zhuravlev. Sov. etn. no 5 128-138 S-O '62.

NEPHELINE

Industrial testing of the methods of obtaining high-grade alumina from nepheline. B. Kh. Shvartsman and others. TSvet. met. 35 no. 7:41-45 Jl '62.

NEPHELITE CRYSTALS—GROWTH

Production of nepheline single crystals by the hydrothermal method B N. Litvin, L. N Dem'ianets Kristallografiia 7 no. 4:643-644 Jl-Ag '62.

NEPTUNIUM COMPOUNDS

Determination of trace amounts of neptunium with the arsenazo 3 reagent. E. G. Chudinov, G. N IAkovlev. Radiokhimiia 3 no. 4 506-508 '62

Reaction of pentavalent neptunium with the arsenazo 3 reagent. E. G. Chudinov, G. N IAkovlev. Radiokhimiia 4 no 1:505-506 '62.

NERCHUGAN VALLEY—ROCKS, IGENOUS

Mesozoic metalliferous intrusions in the Olekma-Nerchugan region IU V. Kazitsyn and others Sov geol 5 no 9:61-77 S '62

NERO LAKE REGION—FIELD MICE

Effect of the amount and distribution of precipitation during the summer months on the population of Microtus oeconomus [with summary in English]. E I Korenberg, N N Stavrov Biul MOIP Otd biol 67 no. 3:13-17 My-Je '62.

NERVES

Effect of the change in the ribonucleic acid content of a motor nerve cell on the excitability of the peripheral neuromuscular apparatus. N. A. Smirnova, N. M Sharovskaia. Vest. Mosk un. Ser. 6: Biol., pochv. 17 no. 5:17-23 S-O '62.

Periodic rhythm transformation in single nerve fibers IU. I. Arshavskii, M. V. Berkinblit, S. A. Kovalev Biofizika 7 no. 4:449-459 '62.

Photostimulation of single myelin fibers in the frog R. G. Liudkovskaia. Biofizika 7 no. 4:417-425 '62.

NERVES, FACIAL—SURGERY

Methodology of medical gymnastics following the plastic operation of suturing the facial nerve to the phrenic nerve. V I. Grebeniuk, E. P. Makuni. Vop. kur., fizioter. i lech. fiz. kul't. 27 no. 2:151-153 Mr-Ap '62.

NERVES, PERIPHERAL—DISEASES

Clinical observations on the action of carbonic acid-radon baths in treating diseases of the peripheral nervous system at Khmel'nik health resort. G. A Novitskii. Vrach. delo no. 8:146-148 Ag '62.

Some problems in the clinical aspects and treatment of rheumatic lesions of the peripheral nervous system [with summary in English]. A. A. Turatskite. Sov. med. 26 no 7:93-97 Jl '62.

NERVES, PERIPHERAL—SURGERY

State of the vasomotor function of the peripheral nerves in the late period following their suturing [with summary in French]. V. L. Kachaev Zhur nevr. i psikh. 62 no. 6:846-852 '62

NERVES, PERIPHERAL—WOUNDS AND INJURIES

Capillary reactions to the action of drugs and thermal agents in injuries to the nerves of the extremities [with summary in French] E L. Nikulenko. Zhur. nevr i psikh 62 no. 6:853-855 '62.

NERVES, SPINAL

Effect of ganglion blocking agents on oxygen tension in tissues of the superior cervical ganglion [with summary in English]. N. B. Vysotskaia. Farm. i toks. 24 no. 6. 687-690 N-D '61.

NERVES, SPINAL—DISEASES

Some controversial problems of lumbosacral radiculitis. G. I. Mirzoian. Trudy Erev. med. inst. no. 11:391-396 '60.

Treatment of acute lumbosacral radiculitis by the algesic stimulation of the skin under outpatient conditions E. V Zhuravlev. Vrach. delo no. 8:148-149 Ag '62.

Treatment of lumbosacral radiculitis. M. O. Golubtsov, M. K. Sidorovich. Zdrav. Bel. 8 no. 7:67-68 Jl '62.

NERVES, SPLANCHNIC

Descending connections of cortical projection zones of the splanchnic nerve in the cat V. IU. Ermolaeva. Dokl. AN SSSR 147 no. 1:212-214 N '62

NERVOUS SYSTEM

A conference on philosophical problems relating to the physiology of higher nervous activity and psychology. P. IA. Gal'perin. Nauch. dokl. vys. shkoly; filos. nauki 5 no. 5:164-171 '62.

Differences in the neurodynamics in neuropsychiatric diseases with a dominance of "sick points" [with summary in French]. N. G. Gartsshtein. Zhur. nevr i psikh. 61 no. 10:1505-1509 '61.

Significance of dynamic components in the central regulation of the coordinating structure of locomotor acts in man. L. V. Chkhaidze. Biofizika 7 no. 4:460-467 '62.

Significance of the nervous system in the ecology of animals. I. D. Strol'nikov. Vop. ekol. 4:77-79 '62.

NERVOUS SYSTEM—DISEASES

Blood serum proteins in some diseases of the central nervous system [with summary in French]. L. K. Bauman Zhur. nevr. i psikh 62 no 6:833-839 '62

Clinical aspects and pathogenesis of serum sickness of the nervous system. L. L. Sosnovik Zdrav. Bel. 8 no. 7:29-31 Jl '62

[Multivolume manual on neurology] Mnogotomnoe rukovodstvo po nevrologii. Moskva, Medgiz.
Vol. 3. Books 1-2. [Infectious and toxic diseases of the nervous system] Infektsionnye i toksicheskie bolezni nervnoi sistemy Red toma D. S. Futer. 1962. (DNLM)

Problems in neuropathology and psychiatry. G. Bi o, A. A. Sobolev, E. Sitnikov. Zhur nevr i psikh 62 no 6,9 942-945 '62

Studying the functional state of the central nervous system in neurasthenic patients by the sphygmographic method during compound treatment involving night sleep on open verandas. N. S. Neverova. Vop. kur., fizioter. i lech fiz. kul't. 27 no 2 111-116 Mr-Ap '62.

NERVOUS SYSTEM—RADIOGRAPHY

Basic regularities in the nervous system's reaction in acute radiation sickness (survey of the literature) I. S. Glazunov, A. K. Gus'kova, M. N Livanov Zhur nevr. i psikh. 61 no. 10:1574-1578 '61

NERVOUS SYSTEM, AUTONOMIC

Experimental data on the relations between the nerve cells in the peripheral vegetative ganglia. Report No. 1: The structure and form of the intraganglionic synapses [with summary in English]. G. A. Kobilov Biul. eksp. biol. i med. 54 no. 7 94-98 Jl '62.

NERVOUS SYSTEM, SYMPATHETIC

Anatomical studies of the thoracic section of the sympathetic trunk (not including its visceral branches). E. A. Bairamian. Trudy Erev. med inst. no. 11:105-113 '60

Effect of ganglionic blocking agents on the synaptic conduction of nervous excitation in the sympathetic ganglia [with summary in English]. D. A. Kharkevich. Biul. eksp. biol. i med. 54 no 7 38-42 Jl '62.

Experimental dystrophy of the lungs [with summary in English]. E. S. Rozovskaia, M. M. Kholodenko Biul. eksp. biol. i med. 54 no. 7 30-33 Jl '62.

NERVOUS SYSTEM, VASOMOTOR

State of the vasomotor function of the peripheral nerves in the late period following their suturing [with summary in French] V. L. Kachaev. Zhur nevr i psikh 62 no. 6:846-852 '62

NESTEROV, MIKHAIL VASIL'EVICH, 1862-1942

M. V. Nesterov's letters to his family. Submitted by N. M. Nesterova, N. I. Filippova. Ist. arkh. 8 no 1. 107-116 Ja-F '62.

Reminiscences about M. V. Nesterov. Kukrynikay. Ist. arkh. 8 no. 1:115-127 Ja-F '62.

NETTLES

Incomprehensible generosity of nature (from "Kagaku-Asahi," no 12, 1961) Nauka i zhizn' 29 no 5 84-85 My '62.

NEURALGIA

Case of successful treatment using aminazine of vegetative neuralgia V. G. Girina Vrach. delo no. 8,146 Ag '62.

NEURALGIA, FACIAL

Some errors in the diagnosis and treatment of neuralgias of the superficial nerves of the head [with summary in French] N. B. Chibukmakher. Zhur nevr. i psikh. 62 no. 6:856-859 '62.

NEURALGIA, SCIATIC see Sciatica

NEURITIS

"Infectious lumbosacral radiculoneuritis and its spa treatment" by S. M. Petelin Reviewed by Kh. M. Freidin. Vop. kur., fizioter. i lech. fiz. kul't. 27 no. 2:178-180 Mr-Ap '62.

NEUROCHEMISTRY

Neurohumoral shifts in tuberculosis of the urogenital system. B. A. Shmukler, B. S. Kuklov. Urologiia 27 no. 4:17-20 Jl-Ag '62.

Neurohumoral substances in the proserine treatment of post-insultus motor disorders [with summary in French]. A. A. Filina Zhur. nevr. i psikh. 61 no. 10 1499-1476 '61.

NEUROFIBROMATOSIS

Neurofibromatosis with a tumor of unusually large size. G. V. Popov. Vest. khir. no. 6:101 '62.

NEUROLOGY
(see also subdivision under Estonia)

Neurogenic diseases simulating "acute abdomen" [with summary in English]. A. P. Podonenko. Sov. med. 26 no. 7:71-74 Jl '62.

"Neurological analysis of thyrotoxicosis" by D. I. Fridberg. Reviewed by V. D. Nerobeev Zhur. nevr. i psikh 62 no. 6:949-950 '62

Prolonged use of anticoagulants in the clinic for nervous diseases [with summary in French]. B S Vilenskii. Zhur. nevr. i psikh. 61 no. 10:1482-1488 '61.

"A textbook of clinical neurology" [in English] by J. S. Wechsler. Reviewed by M. Tropper. Zhur. nevr. i psikh 61 no. 10:1588-1591 '61.

NEUROLOGY—BIBLIOGRAPHY see Bibliography—Neurology

NEUROLOGY—CONGRESSES

Joint scientific session of the Institute of Neurology of the Academy of Medical Sciences of the U. S. S. R and of the Institute of Clinical and Experimental Neurology of the Academy of Sciences of the Georgian S. S. R T. A Mavinskii. Zhur nevr i psikh 62 no 6 954-956 '62

NEUROSES

Abortion and neuroses [with summary in French]. A. N Molokhov. Zhur. nevr. i psikh 61 no. 10 1525-1528 '61

Catamneses of patients with neuroses of obsessive states and psychasthenia [with summary in French] N D Lakosina, B. A. TSelibeev. Zhur. nevr. i psikh. 61 no 10:1534-1537 '61.

Catamnesis of patients with neuroses [with summary in French]. E. K. IAkovleva, R A Zachepitskii Zhur nevr. i psikh 61 no. 10:1529-1533 '61.

Comparative characteristics of the obsessive fears syndrome in some neuroses and schizophrenia [with summary in French]. N. M Agatiani Zhur. nevr i psikh. 61 no 10 1510-1519 '61.

Excretion of nicotinic acid derivatives in the urine of patients with neuroses and cyclothymia [with summary in French] S. A. Dmitrieva and others. Zhur nevr i psikh 61 no. 10:1520-1524 '61.

Neurogenic diseases simulating "acute abdomen" [with summary in English]. A. P. Podonenko. Sov. med. 26 no. 7,71-74 Jl '62

Occupational therapy of reactive states [with summary in French] A. K Dobrzhanskaia, F. D. Rusanov. Zhur nevr. i psikh. 61 no 10 1555-1558 '61

Role of the psychogenic factor in the development of hypertension [with summary in English]. S. I. Karchikian. Vrach. delo no. 8:15-22 Ag '62.

Some gastrointestinal changes in neuroses [with summary in French]. B. Pruscauer-Apostol Zhur nevr i psikh 62 no 6 928-934 '62.

Treatment of climacteric neuroses with reserpine and hypothiazide. A. V. Losnichii. Akush i gin. no. 1 23-24 '62.

NEUTRINOS

Possibility of detecting neutral currents in experiments on neutrinos. S S. Gershtein, Nguen Van Khieu, R A Eramzhian Zhur. eksp i teor. fiz. 43 no. 4:1554-1556 O '62.

Two types of neutrino D A. Frank-Kamenetskii Priroda 51 no. 11 111-112 N '62

Use of dispersion relations in determining the amplitude of π-meson production in neutrino - nucleon collisions [with summary in English]. Nguen Van Khieu Zhur eksp i teor fiz 43 no 4 1296-1300 O '62.

NEUTRONS

Collective interaction between neutrons and spherical nuclei A M. Korolev Izv AN SSSR Ser fiz 26 no 8 1101-1112 Ag '62.

Emel'ianov, V. A. [Gamma rays and neutrons in field investigations for soil improvement purposes; theory and practice of the use of gamma-ray and neutron methods] Gamma-luchi i neitrony v polevykh pochvenno-meliorativnykh issledovaniiakh, teoriia i praktika primeneniia gamma-luchevykh i neitronnykh metodov. Moskva, Gosatomizdat, 1962, 221 p.

Infrared absorption spectrum of silicon irradiated by fast neutrons E N Lotkova, V S. Vavilov, N. N Sobolev Opt i spektr 13 no 2 216-221 Ag '62

Neutron yield from nitrogen, oxygen, air, and water under the action of radium C' α-particles G V Gorshkov, V. A Ziabkin, O. S. TSvetkov. Atom. energ 13 no 5 475-476 N '62.

Photoneutrons from In115 [with summary in English] E S Anashkina. Zhur eksp i teor fiz. 43 no 4 1197-1201 O '62.

Resonance theory of nuclear reactions induced by neutrons with energies below 5 Mev. [with summary in English]. I. V. Gordeev. Zhur. eksp i teor. fiz 42 no. 4,1063-1074 Ap '62.

Study of the energy and angular distributions of neutrons emitted in the fission of U^{235} induced by thermal neutrons [with summary in English]. M. V. Blinov, N. M. Kazarinov, A. N. Protopopov. Zhur. eksp. i teor. fiz. 42 no. 4:1017-1021 Ap '62.

Total kinetic energy of fission fragments as a function of the incident neutron energy. S. S. Kovalenko, K A. Petrzhak, V. M. Adamov. Atom energ. 13 no. 5:474-475 N '62.

Use of a type "K" nuclear emulsion in individual fast neutron monitoring L. S. Zolin, V. N Lebedev, M. I. Salatskaia. Atom. energ. 13 no. 5:467-471 N '62.

NEUTRONS—CAPTURE

Energy dependence of the cross sections for (n, γ)- reactions of a number of odd Z nuclei [with summary in English]. IU. P. Popov, F. L. Shapiro. Zhur. eksp. i teor. fiz. 42 no. 4:988-1000 Ap '62.

Shielding effect of U^{238} resonance on the resonance absorption of U^{235}. T. V. Golashvili, I. M. Kisil'. Atom. energ 13 no 5:435-439 N '62.

NEUTRONS—SCATTERING

Neutron-neutron scattering G.E. Velikhov, A.N. Prokof'ev Izv AN SSSR Ser fiz. 26 no 8:1113-1115 Ag '62

Temperature effect on the diffusion length and scattering cross section of thermal neutrons in graphite I.F. Zhezherun, E.N. Korolev. Atom energ 13 no 5 454-457 N '62

Theory of inelastic magnetic scattering of slow neutrons on doped ferromagnetics. V.N. Kashcheev. Fiz. tver. tela 4 no.8 2037-2046 Ag '62.

Theory of magnetic neutron scattering on an impurity center in a crystal V Kashcheev. Izv AN Latv SSR no 7 53-56 '62.

NEUTRONS—SPECTRA

Measurement of thermal neutron spectra in boric acid solutions E.IA. Doil'nitsyn, A.G. Novikov Atom energ 13 no 5 491-493 N '62.

NEVA RIVER ESTUARY—FLOOD FORECASTING

Two-dimensional theory of the difference in the level of shallow seas L Sh Volkhonskii Trudy GOIN no 69 3-27 '62

NEVA RIVER ESTUARY—HYDROLOGY

Calculating the height of increases of the water level in the mouth of the Neva A I Freidzon. Trudy GOIN no 69 92-94 '62

NEW YORK (CITY)—SOCIAL CONDITIONS

New York symphony N. Sergeeva. Nov vrem. 20 no 46 26-28 N '62.

NEWS AGENCIES

The Telegraph Agency of the U.S.S.R. (TASS). Mezhdunar. zhizn' 9 no.12:138-140 D '62.

NEWSPAPER AND PERIODICAL CIRCULATION
(see also subdivision under Kazakhstan)

A few words about newsboards. B. Efetov. Agitator no.24:48 D '62.

NEWSPAPERS
(see also subdivision under Ukraine, Western)

Glorious fiftieth anniversary. Ugol' Ukr. 6 no 5:1-2 My '62.

[Present-day newspaper printing. Translated from the English and the German Preface by A. Chernyshev] Sovremennaia gazetnaia pechat', sbornik perevodov. Moskva, Izd-vo inostr. lit-ry, 1962 388 p

NEWSPAPERS ON FILMSTRIPS see subdivision under Zhdanov

NEWTON, SIR ISAAC, 1642-1727

Isaac Newton's immortal work F Nesteruk. Rech. transp 21 no 11 50-51 N '62

NEWTON'S RINGS see Interference (Light)

NEZLOBINSKII, ANTON IVANOVICH, 1847-1899

Pantaleev, I.IA. Anton Ivanovich Nezlobinskii. Stavropol', Knizhnoe izd-vo, 1962. 38 p. (Pervootkryvatelii Kavkazskikh Mineral'nykh Vod)

NIACIN, VITAMINS—B5 see Nicotinic acid

NICKEL

Nickel and cobalt content in the organs of newborn infants dying from bronchopneumonia during the first days of life. L.T. Sakovich-Lomako. Zdrav. Bel 8 no 2: 28-30 F '62

NICKEL—ANALYSIS

Stainless steel with a lower nickel content M.V. Pridantsev, A.A. Babakov Stal' 22 no.11:1035-1039 N '62.

NICKEL—ISOTOPES

Study of (np) and (n, np) reactions on heavy nickel isotopes. A.K. Val'ter and others Izv AN SSSR. Ser. fiz. 26 no.8:1079-1084 Ag '62.

NICKEL—MAGNETIC PROPERTIES

Magnetic properties and structure of nickel films produced by a chemical method. N.V. Kotel'nikov and others. Dokl. AN SSSR 146 no.4:797-798 O '62.

NICKEL—METALLOGRAPHY

Characteristics of nickel structure at high temperatures. M.G. Lozinskii, E.I. Antipova. Metalloved. i term. obr. met. no.11:18-20 N '62.

NICKEL—METALLURGY

Investigating the process of blast furnace smelting for the production of nickel matte. G.P. Viatkin, M.IA. Ostroukhov. [Shor. trud.] Nauch.-issl. inst. met. no.4:71-81 '61.

Ways to increase the recovery of metals from copper-nickel sulfide ores. F.E. Lomagin, V.K. Piotrovskii, A.L. Lyatsov. TSvet. met. 35 no.7:21-28 Jl '62.

NICKEL CATALYSTS

Catalytic hydrodealkylation of polyalkyl benzenes. Part 3: Demethylation of toluene on nickel-alumina catalysts. Effect of nickel concentration. N.I. Shuikin and others. Zhur. ob. khim. 32 no.11:3595-3599 N '62.

NICKEL CATALYSTS—DRYING

Drying of a pastelike copper-nickel catalyst in a fluidized bed. P.G. Romankov and others. Masl.-zhir. prom. 28 no.7 10-13 Jl '62

NICKEL-CHROMIUM ALLOYS—METALLURGY

Effect of small additions on the technological and mechanical properties of E1607-type alloys B.E. Liubinskii. Stal' 22 no.9 846-848 S '62.

NICKEL COMPOUNDS

Polarographic kinetic currents due to the slower formation rate of pyridine complexes of nickel. Kinetics of complex formation. IA.I. Turian. Dokl. AN SSSR 146 no.4 848-851 O '62.

NICKEL-COPPER ALLOYS see Copper-nickel alloys

NICKEL-IRON ALLOYS see Iron-nickel alloys

NICKEL ORES
(see also subdivision under Ufaley Range)

Methods of preparing copper-nickel mattes for separation by flotation into copper and nickel concentrates S.T. Kiselev. TSvet. met. 35 no.11 63-66 N '62.

NICKEL PLATING

Chemical nickel plating of macaroni matrices. K.P. Gus'kov, IU.A. Machikhin, IU.V. Kalinin Izv. vys. ucheb. zav. pishch. tekh. no.4:121-123 '62.

NICKEL SILICATES

Integrated geophysical studies in searching for nickel silicate ores. A.K. Auzin. Razved. i okhr. nedr 28 no.10:35-41 O '62.

NICOTINE

Role of labeled amino acids in the biosynthesis of nicotine [with summary in English] M.IA. Lovkova, G.S. Il'in Biokhimiia 27 no.4:722-725 Jl-Ag '62.

Role of the cholinoreactive systems of the mesencephalon in the mechanism of the activation of the electroencephalogram by nicotine [with summary in English]. R.IU. Il'ichenok, R.U. Ostrovskaia. Biul. eksp. biol. i med. 54 no.7:43-48 Jl '62.

NICOTINIC ACID

Excretion of nicotinic acid derivatives in the urine of patients with neuroses and cyclothymia [with summary in French]. S.A. Dmitrieva and others. Zhur. nevr. i psikh. 61 no.10:1520-1524 '61.

Nicotine test in glaucoma [with summary in English]. N.A. Pletneva, S.M. Sakhieva, P.S. Zaichik. Vest. oft. no.1:3-8 '62.

Relation of nicotinic acid metabolism to some methods of treating infectious hepatitis. N.S. Krasnova. Zdrav. Bel. 7 no.11 27-30 N '61

NIGERIA—ART

"Art in Nigeria" [in English] by Ulli Beier. Reviewed by A.M. Chlenov. Nar. Az. i Afr no 6:180-187 '62

NIGERIA—ECONOMIC CONDITIONS

"Trade and politics in the Niger Delta, 1830-1885" [in English] by K. Onwuka Dike Reviewed by IU.N. Zotova Nar. Az. i Afr no 6:176-179 '62.

NIGERIA—POLITICS AND GOVERNMENT

The system of indirect rule in Nigeria in the interest of the imperialists [with summary in English]. IU.N. Zotova. Sov. etn. no.5:89-91 S-O '62.

"Trade and politics in the Niger Delta, 1830-1885" [in English] by K. Onwuka Dike Reviewed by IU.N. Zotova. Nar. Az. i Afr. no.6:176-179 '62

NIGHT SCHOOLS see Evening and continuation schools

NIKITA (CRIMEA)—BOTANICAL GARDENS

Kantorovich, A.V. [Spring garden] Sad vesny. Moskva, Izd-vo "Znanie," 1962. 47 p. (Novoe v zhizni, nauke, tekhnike. VIII Seriia: Biologiia i meditsina, no.21)

The 150th anniversary of the Nikita State Botanical Garden. M.A. Kochkin. Agrobiologiia no.5:777-784 S-O '62.

NIKOLAEV, ANDRIAN GRIGOR'EVICH, 1929-

Altitudes are calling. A. Nikolaev. Av. i kosm. 45 no 11:18-20 '62.

Sokolov, V.D., ed. [The first space group flight] Pervyi gruppovoi kosmicheskii. Moskva, Voenizdat, 1962. 158 p.

[MICROFILM]

NIKOLAEV—BRIDGES—FOUNDATIONS AND PIERS

Erection of bridge footings on high pile grillage foundations. L. Kareli, N. Sarychev, A. Frenkel'. Prom. stroi. i inzh. soor. 4 no.2:22-29 Mr-Ap '62.

NIKOLAEVA, EVDOKIIA TARASOVNA

Facing the Motherland. Elena Mikulina. Oktiabr' 39 no.6:160-167 Je '62.

NIKOPOL' REGION—MANGANESE MINES AND MINING

Restoration and consolidation of party organizations in the Krivoy Rog Iron and Nikopol' Manganese Basins, 1944-1950. I.P. Kuchma Ukr. ist. zhur. 6 no.4:33-41 Jl-Ag '62.

NIKOPOL' REGION—STRIP MINING

Basic parameters of working trenches in constructing open pits with continuously operating machines P.G. Novozhilov and others Izv. vys. uchob. zav., gor. zhur. 5 no 10 18-26 '62

NIOBIUM

Extraction of niobium by tributyl phosphate. G.P. Gilgenov, V.D. Ponomarev. Trudy Inst. met. i obog. AN Kazakh. SSR 5,119-124 '62.

NIOBIUM—ISOTOPES

Study of the exchange between radioactive and stable niobium in citrate complexes by the method of isotope dilution. I.P. Alimarin, G.N. Bilimovich, [AN IUI-sen' [Yang Yu-sen] Radiokhimiia 4 no. 1 510-512 '62

NIOBIUM—METALLOGRAPHY

Investigating deformation textures of rolled niobium. D.I. Lainer and others TSvet. met. 35 no.11:80-85 N '62

NIOBIUM BERYLLIUM ALLOYS

Colorimetric determination of beryllium by the reaction with aluminon in niobium-based alloys. B.S. Tsyvina, M.B. Ogareva. Zav. lab. 28 no.8:917-919 '62

NIOBIUM COMPOUNDS

Study of the exchange between radioactive and stable niobium in citrate complexes by the method of isotope dilution I.P. Alimarin, G.N. Bilimovich, [AN IUI-sen' [Yang Yu-sen]. Radiokhimiia 4 no.4 510-512 '62.

NIOBIUM ORES—SPECTRA

Chemico-spectral methods for determining niobium in ores and in products of their treatment. L.I. Berenshtein. Zav. lab. 28 no.8:940-941 '62.

NIOBIUM-VANADIUM ALLOYS see Vanadium-niobium alloys

NISPORENY DISTRICT—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

A Communist. N. IUr'ev. Komm. Mold. 7 no.7:70-74 Jl '62.

NITRIC ACID

Composition of gases produced in the interaction between uranium dioxide and nitric acid. E.A. Kaner-skii, A.P. Filippov, N.V. Timofeeva. Atom. energ 13 no. 5, 484-486 N '62

Interaction of tri-n-butyl phosphate with nitric acid and water. A.V. Nikolaev, K.E. Mitronov, L.V. Karasseva. Dokl. AN SSSR 147 no.2:360-363 N '62.

NITRILES

δ-Lactones and δ-lactams. Part 20: Catalytic cycloisomerization of δ-keto nitriles to 3,4-dihydro-2-pyridones. N.P. Shusherina, R.IA. Levina, Kh.u-Khua-min' [Huan Hua-min]. Zhur. ob. khim. 32 no.11:3599-3601 N '62.

NITRILIUM COMPOUNDS

Using nitrilium salts in the synthesis of unsaturated compounds of the 3,4-dihydroisoquinoline. R.G. Agbalian, A.O. Nahapetian, L.A. Nersesian. Izv. AN Arm. SSR. Khim. nauki 15 no.4:309-103 '62

NITROBENZENE—SPECTRA

Quantitative analysis of technical m-chloronitrobenzene by infrared absorption spectra. V.I. Kolbasov and others. Zav. lab. 28 no.11:1326-1327 '62.

NITROGEN—FIXATION

Problems in ammonia synthesis in the column with a pseudofluidized bed of a catalyst. E. Cherkik Nauka i zhizn' 29 no 5,93 My '62.

NITROGEN—ISOTOPES

Mechanism of the interaction of nitrous aryls with hydronitric acid studied with the aid of N^{15}. B.A. Kteller, L.S. Samosvat. Zhur. ob. khim. 32 no.10:3202-3205 O '62.

NITROGEN IN THE BODY

Extrarenal hyperazotemia in acute febrile diseases [with summary in English]. L.S. Teodosiev. Sov. med. 26 no.7:11-15 Jl '62.

NITROGEN METABOLISM

Nitrogen metabolism during the ripening of paranaist wheat. S.M. Sokolova. Biul MOIP. Otd. biol 67 no.4: 145 My-Je '62.

Some problems of the relationship of nitrogen and energy metabolism in the ontogeny of chickens V.V. Khaskin, I.M. Sindarovs'kn, Nauk. pratsi Ukr. nauk.-dosl. inst ptakh. 9 no.1:133-122 '61.

NITROLITE

Diffusion of water molecules in nitrolite. S.F. Gabuda. Dokl. AN SSSR 146 no.4:840-843 O '62.

NITROSO COMPOUNDS

Mechanism of the interaction of nitrous aryls with hydronitric acid studied with the aid of N^{15}. B.A. Kteller, L.S. Samosvat. Zhur. ob. khim. 32 no.10 3202-3205 O '62.

NITROUS OXIDE
Nitrous oxide anesthesia as a measure of prevention and early treatment of traumatic shock [with summary in English]. K. I. Smolinskii. Khirurgiia no 12 15-21 '61

NIZHE-DNEPROVSK—ELECTRIC EQUIPMENT INDUSTRY
Borisov, S. P. [The "Svetofor" Plant is an enterprise of communist labor.] Zavod "Svetofor" - predpriiatie kommunisticheskogo truda. Moskva, Transzheldorizdat, 1962, 46 p.

NIZHNIY MANUT—LIBRARIES
Living testimony. V. V. Perepechkin. Bibliotekar' no 11 19-20 N '62

NIZHNIY TAGIL—BLAST FURNACES
Acceleration of blast furnace smelting at the Nizhniy Tagil Metallurgical Combine. S. A. El'kin and others. Stal' 22 no 11 980-982 N '62

NIZHNIY TAGIL—BOOKSELLERS AND BOOKSELLING
Leaders in good work. A. Vekhorskii. Sov. knizh. torg. 14 no 9 27-29 '62

NIZHNIY TAGIL—SEBACIC ACID
Dryer with a fluidized bed for sebacic acid. N. I. Gel'perin, O. I. Podgaetskaia, M. K. Dubinin. Khim. prom. no 9 689-690 S '62

NIZHNYAYA TUNGUSKA see Lower Tunguska Valley

NOBEL PRIZES
High scientific award. Priroda 51 no 11 110 N '62.
Nobel prizes in physiology, medicine, and chemistry for 1962. Priroda 51 no 11 116 N '62

NOISE
Electroencephalographic changes during the prolonged action of noise [with summary in English]. A. B. Strakhov. Biul. eksp. biol. i med. 54 no 7:11-13 Jl '62.

NOISE CONTROL
(see also subdivision under Leningrad)
Designing noise-abatement zones for traffic routes. S. I. Krest'iashin. Izv. ASiA no 3 69-74 '62.
Protecting residential areas from city noise. I. A. Shishkin, G. L. Osipov, B. G. Prutkov. Izv. ASiA no. 3 57-68 '62

NOMADS
Nomadic burial near the Mikhaylovka village. E. A. Symonovich. Kr. at. soob. Inst. arkheol. no. 87:67-69 '62.

NOMOGRAPHY (MATHEMATICS)
Nomograph for determining the interpolating multiplier. Iu. A. Lapin, E. V. Murav'ev. Biul. VAGO no. 32, 52-54 '62.

NONFERROUS ALLOYS
Val'f, B. K., and K. P. Romadin. [Structure and properties of aircraft metals] Aviatsionnoe metallovedenie. 2 izd., perer. i dop. Pod red. I. I. Kornilova. Moskva, Oborongiz, 1962. 503 p.

NONFERROUS METAL INDUSTRIES see subdivision under Achisay; Ust'-Kamenogorsk

NONFERROUS METAL INDUSTRIES—LABOR PRODUCTIVITY
Time-consuming operations in nonferrous metal industries. I. M. Gratsershtein, G. A. Goncharov. Izv. vys. ucheb. zav., tsvet. met. 5 no 3 159-162 '62.

NONFERROUS METAL INDUSTRIES—SAFETY MEASURES
Organizing the prevention of industrial traumatism among workers in nonferrous metallurgy. E. S. Kazbekov. Zdrav. Kazakh. 22 no. 6:6-10 '62.

NONFERROUS METAL INDUSTRIES—TECHNOLOGICAL INNOVATIONS see subdivision under Mirgalimsay

NONFERROUS METALS see subdivision under Caucasus, Northern; Gay region (Orenburg Province)

NONFERROUS METALS—BIBLIOGRAPHY see Bibliography—Nonferrous metals

NONFERROUS METALS—CONGRESSES
Eleventh meeting of the Permanent Commission on Nonferrous Metallurgy in the Mutual Economic Assistance Council. TSvet. met. 35 no. 7, 92-93 Jl '62.
Twelfth session of the permanent commission on nonferrous metallurgy in the Mutual Economic Assistance Council. TSvet. met. 35 no. 11:96-97 N '62.

NONFERROUS METALS—FOUNDING
Loychikov, V. S. [Melting of copper and copper-base alloys, third lecture of the course "Production of alloys and ingot casting" for students studying "Founding of ferrous and nonferrous metals and alloys"] Plavka medi i splavov na osnove medi; lektsii tret'ia po kursu "Proizvodstvo splavov i lit'e slitkov dlia studentov spetsial'nosti "Liteinoe proizvodstvo chernykh i tsvetnykh metallov i splavov." Moskva, Vses. zaochnyi politekhn. in-t, 1958. 64 p.

NONFERROUS METALS—METALLOGRAPHY
Studying the simultaneous solubility of bismuth and magnesium, antimony and magnesium in molten lead. P. I. Fedorov, V. I. Shachnev. Izv. vys. ucheb. zav., tsvet. met. 5 no 3 94-99 '62

NONFERROUS METALS—METALLURGY
Forty-five years of Soviet nonferrous metallurgy. M. M. Lakeinik. TSvet. met. 35 no. 11:1-6 N '62.
Nonferrous metallurgy of Uzbekistan during the 45 years of Soviet government. A. M. Lomov. TSvet. met. 35 no. 11, 7-9 N '62.
On the road toward complex automatic control of industrial processes. S. M. Sozaev. TSvet. met. 35 no 11 15-24 N '62
Present state and prospects for using oxygen in certain enterprises of nonferrous metallurgy of the U. S. S. R. L. M. Bochkarev, Iu. A. Bykhovskii. TSvet. met. 35 no 11 38-43 N '62.

NONFERROUS METALS—SPECTRA
Utilization of the DFS-10 unit for rapid spectral analysis of nonferrous metals at the "Krasnyi vyborzhets" plant. Iu. P. Korolev, D. G. Butomo, L. S. Burova. Zav. lab. 28 no. 11 1392-1395 '62.

NONWOVEN FABRICS
Nonwoven fabrics with a base of short viscose fibers. I. I. Tugov, O. S. Reutov. Tekst. prom. 22 no 11 69-72 N '62
Prospects of the expansion of the manufacture of nonwoven knit-and-stitched fabrics. N. A. Simonenko. Tekst. prom. 22 no. 10:73-75 O '62.
Use of synthetic fibers for the manufacture of paper and nonwoven fabrics. S. N. Ivanov, G. M. Gorskii. Bum. prom. 37 no. 10:23-26 O '62.

NONWOVEN MATERIALS
The KhOM-2 machine for the manufacture of continuous disoriented fiber bases. V. G. Semenovich and others. Kozh.-obuv. prom. 4 no. 11 20-24 N '62.

NORADRENALINE
Effect of noradrenaline on the duration of local anesthesia [with summary in English]. A. S. Kucheruk. Biul. eksp. biol. i med. 54 no. 7:51-53 Jl '62.

NORIL'SK REGION—ROCK PRESSURE
Controlling rock pressure in systems with caving in the "Zapolyarnyy" Mine. N. Z. Gainev, A. V. Isaev. Gor. zhur. no. 8, 25-27 Je '62.

NORIL'SK REGION—STRIP MINING
Operation of "Ugol'nyy ruchey" open pit in the caved area of the "Zapolyarnyy" Mines. B. P. Bogolitsbov, B. P. Il'inatov, A. V. Isaev. Gor. zhur. no. 6:15-18 Je '62.

NORTH AMERICA—AGRICULTURE
Agranat, G. A., and V. F. Puzanova. [Power resources, agriculture and industries of the American North] Energetika, sel'skoe i promyslovoe khoziaistvo Amerikanskogo Severa. Moskva, Izd-vo Akad. nauk SSSR, 1962. 183 p.

NORTH AMERICA—INDUSTRIES
Agranat, G. A., and V. F. Puzanova. [Power resources, agriculture and industries of the American North] Energetika, sel'skoe i promyslovoe khoziaistvo Amerikanskogo Severa. Moskva, Izd-vo Akad. nauk SSSR, 1962. 183 p.

NORTH AMERICA—POWER RESOURCES
Agranat, G. A., and V. F. Puzanova. [Power resources, agriculture and industries of the American North] Energetika, sel'skoe i promyslovoe khoziaistvo Amerikanskogo Severa. Moskva, Izd-vo Akad. nauk SSSR, 1962. 183 p.

NORTH ATLANTIC TREATY ORGANIZATION
The "Common Market" in the service of the aggressive bloc. I. Nazarenko. Mezhdunar. zhizn' 8 no 12:10-49 D '62.
Consultation in Paris. T. Fedorov. M 9 no. 12 50-58 D '62.

NORTH KAZAKHSTAN PROVINCE—FATION
Machine operators of a virgin-land sta the year around. L. Vakeman, V. Sosel'khoz. 33 no. 10:93-98 O '62.

NORTH KOREA see Korea, North

NORTH STAVROPOL—PELAGIADI REG NATURAL—GEOLOGY
Study of the accuracy of calculating the the North Stavropol-Pelagiadi gas fie the volume method. O. G. Barkalaia. no. 36:115-146 '62.

NORTHERN BAIKAL HIGHLAND—FEL
X-ray studies of triclinic characterist spars. A. L. Kosoi. Zap. Vses. min. 618-620 '62.

NORTHERN CAUCASUS see Caucasus,

NORTHERN DVINA VALLEY—RUNOFF
Spring runoff of Northern Dvina basin rivers and predicting it. N. M. Allushinskaia, N. A. Anikina, L. D. Ivashintsova. Trudy GGI no. 97 3-137 '62.

NORTHERN WAR, 1700-1721—BIBLIOGRAPHY see Bibliography—Northern War, 1700-1721

NOSE
Rhinocytoscopic studies in adenovirus infections in children [with summary in English]. T. IA. Iaroskaia, S. G. Cheshik. Vop. okh. mat., i det. 7 no. 4, 14-18 Ap '62.

NOSE—ABNORMITIES AND DEFORMITIES
Residual deformities of the nose and upper lip after surgery for a unilateral congenital cleft. M. P. Oskolkova. Zdrav. Kazakh. 22 no. 6:17-21 '62.

NOSE—DISEASES
Hormone therapy of allergic rhinitis [with summary in English]. V. Hlaváček, J. Jiříčný. Zhur. ush., nos. i gorl. bol. 21 no. 6 10-14 N-D '61.
Vasomotor rhinitis and its influence on the state of the eyes. B. Ah. Khydyrov. Trudy Turk. nauch.-issl. tr. inst. 6 161-166 '60

NOSE—FOREIGN BODIES
Rare foreign body (a pencil) in the nasal cavity for 20 years. M. M. Levashov. Zhur. ush., nos. i gorl. bol. 21 no. 6, 66 N-D '61
Rare foreign body in the nasal cavity. R. B. Lihinzon. Zhur. ush., nos. i gorl. bol. 22 no. 2 77-78 Mr-Ap '62

NOSE—SURGERY
Fixation of the transplant in removing a collapse of the dorsum nasi in the cartilaginous section [with summary in English]. G. I. Pakovich. Zhur. ush., nos. i gorl. bol. 22 no. 2 15-16 Mr-Ap '62.
Removal of certain sequelae of trauma to the cartilaginous nasal septum [with summary in English]. L. A. Krikun. Zhur. ush., nos. i gorl. bol. 22 no 2 16-32 Mr-Ap '62.

NOSE—TUMORS
Deformation of the nose in polyposis. N. I. Chevel'cha. Zhur. ush. nos. i gorl. bol. 21 no. 6:65-69 N-D '61

NOSE, ACCESSORY SINUSES OF
Use of diluted iodolipol for the X-ray study of the accessory sinuses of the nose. A. I. Moskalev, N. I. Shvedov. Zhur. ush., nos. i gorl. bol. 21 no. 6 72 N-D '61

NOTARIES see subdivision under Dnepropetrovsk Province

NOTGAFT, FEDOR FEDOROVICH, 1886-1942
Leningrad. Ermitazh. [Exhibition of paintings and drawings by Russian artists of the beginning of the 20th century (from F. F. Notgaft's collection); a catalog] Vystavka kartin i risunkov russkikh khudozhnikov nachala XX veka (iz sobraniia F. F. Norgafta); katalog. Leningrad, 1963. 19 p. illus.

NOTOTHENIA see subdivision under McMurdo Sound

NOVAYA VODOLAGA DISTRICT—BARNS
We build arched buildings for livestock. R. Abramkin. Stroitel'. 12 no. 9:6-8 S '62.

NOVAYA ZEMLYA—POLYZOA
Bryozoa of Novaya Zemlya (the strait of Matochkin Shar and Moller Bay). M. G. Gostilovskaya. Trudy MMBI no. 4:84-96 '62.

NOVE, BULGARIA—ROMAN ANTIQUITIES
Archaeological explorations in Nove, Bulgaria, in 1961. K. Mavevskii. Sov. arkheol. 0 no. 4 221-220 '62.

NOVGOROD—CHURCHES
Semenov, A. I. [The Nereditsa Church] Nereditsa. [Novgorod] Knizhnaia redaktsiia gazety "Novgorodskaia

NOVI SAD (YUGOSLAVIA)—BRIDGE CONSTRUCTION

Reinforced concrete bridge over the Danube in Novi Sad (Yugoslavia). Branko Zezelj. Bet. i zhel.-bet. 8 no. 10:473-477 O '62.

NOVOCAINE

Effect of penicillin and novocaine on osteogenesis during their intraosseous administration by way of Professor N. N. Elanskii's nail-cannula, an experimental study. V. V. Koptel'tsev. Trudy 1-go MMI 7 67-90 '59

Novocaine as a supplementary therapeutic agent. A. S. Simonenko. Zdrav. Bel. 8 no. 7:27-29 Jl '62.

Novocaine block as a means of treating acute inflammation of the skin of the meatus acusticus externus. I. Z. Reskin. Zhur. ush., nos. i gorl. bol. 21 no. 6 68 N-D '61.

Treatment of neurosis of the bladder by the intranasal administration of novocaine. B. Solomiak. Izv. AN Latv SSR no. 7:123-127 '62.

Treatment of trophic ulcers of the lower extremities with hemo-novocain blocks combined with an adhesive plaster bandage. M. S. Chikun. Zdrav. Bel. 7 no. 11 47-49 N '61.

NOVOGRIGOR'YEVSKOYE—COOPERATIVE SOCIETIES

Results of economic work. S. Putrenok. Sov. potreb. koop. 6 no. 10 44 O '62

NOVOGRUDOK—DWELLINGS

Dwellings of the fenced-in city of ancient Novogrudok. F. D. Gurevich. Krat. soob. Inst. arkheol. no. 87:70-77 '62.

NOVOGRUDOK—VASES

Amphora with an inscription from Novogrudok. M. V. Malevskaia. Sov. arkheol. 6 no. 4:238-241 '62.

NOVOKUBANSKOYE DISTRICT—SUGAR BEETS—DISEASES AND PESTS

Application of herbicides to the sugar beet. A. I. Lebedik. Zashch. rast. ot vred. i bol. 7 no. 3:9-10 Mr '62

NOVOPOKROVKA DISTRICT (DNEPROPETROVSK PROVINCE)—CENTAUREA

From the practices of controlling Acroptilon picris. O. N. Prikhod'ko. Zashch. rast. ot vred. i bol. 7 no. 7 30 Jl '62

NOVOPOKROVKA DISTRICT (DNEPROPETROVSK PROVINCE)—WEED CONTROL

From the practices of controlling Acroptilon picris. O. N. Prikhod'ko. Zashch. rast. ot vred. i bol. 7 no. 7 30 Jl '62

NOVOROSSIYSK—CEMENT PLANTS

The "Pervomaiskii" Cement Plant has completed fifty years. I. G. Anikin. TSement 28 no. 5 23 S-O '62.

NOVOSIBIRSK PROVINCE—ATHEISM—STUDY AND TEACHING

Our deficiencies. A. Sergeev. Nauka i rel. 4 no. 10:70-72 O '62

NOVOSIBIRSK PROVINCE—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

Propagandists and party committees. P. Zhilin, V. Mareev. Agitator no. 24:34-36 D '62.

NOVOSIBIRSK PROVINCE—FARM MECHANIZATION

Creating a permanent force of machine operators. A. Tinnutov, M. Marusin. Ekon. sel'khoz. 33 no. 10:88-93 O '62.

NOVO-VORONTSOVSKIY DISTRICT—MOUNDS

Nomadic burial near the Mikhaylovka village. E. A. Symonovich. Krat. soob. Inst. arkheol. no. 87:67-69 '62.

NOVYI NEKOUZ DISTRICT—COOPERATIVE SOCIETIES

In cooperative fields. P. Drozdov. Sov. potreb. koop. 6 no. 7:45 Jl '62

NOZZLES

Some characteristics of the centrifugal nozzle of gas-turbine engines. A. M. Prakhov. Avtom. reg. aviadvig. no. 4:110-134 '62.

NUCLEAR COUNTERS

Observations of solar radiation in Volgograd on February 15, 1961, by means of a gas-discharge counter. P. P. Orlov. Biul. VAGO no. 32:35-36 '62.

NUCLEAR ENGINEERING see subdivision under Sweden

NUCLEAR FISSION

Kinetic energy of fragments as a function of α-particle energy in the ternary fission of uranium [with summary in English]. Z. I. Solov'eva, R. A. Filov. Zhur. eksp. i teor. fiz. 43 no. 4 1146-1148 O '62.

Radiochemical study of the reactions of deep spallation and fission of tantalum by 680-MEV protons. V. I. Baranovskii, A. N. Murin, B. K. Preobrazhenskii. Radiokhimiia 4 no. 4:470-478 '62.

Some characteristics of measuring the energy spectra of α-particles and fission fragments with semiconductor detectors. V. A. Blinov and others. Atom. energ. 13 no. 5:476-478 N '62.

Study of the energy and angular distributions of neutrons emitted in the fission of U^{235} induced by thermal neutrons [with summary in English]. M. V. Blinov, N. M. Kazarinov, A. N. Protopopov. Zhur. eksp. i teor. fiz. 42 no. 4:1017-1021 Ap '62.

Total kinetic energy of fission fragments as a function of the incident neutron energy. S. S. Kovalenko, K. A. Petrzhak, V. M. Adamov. Atom. energ. 13 no. 5 474-475 N '62

NUCLEAR FUELS

Determining the burn-out of fuel rods by means of a magnetic gamma-spectrometer. L. V. Groshev, A. M. Demidov. Atom. energ. 13 no. 5 458-466 N '62

NUCLEAR MAGNETIC RESONANCE AND RELAXATION

Changes in the multiplet spectrum of nuclear resonance in chloral alcoholate crystals. V. S. Grechishkin, G. B. Soifer. Fiz. tver. tela 4 no. 8:2260-2269 Ag '62.

Effect of the orientation of molecules of fluids in an electric field on nuclear magnetic resonance [with summary in English]. A. M. Vasil'ev. Zhur. eksp. i teor. fiz. 43 no. 4 1526-1526 O '62.

Establishing reference points of a temperature scale by the method of nuclear quadrupole resonance. A. D. Brodskii, V. I. Solov'ev. Izm. tekh. no. 9:39-40 S '62.

Gradient meter based on a superregenerator controlled by nuclear precession. E. P. Firsov, S. P. Pivovarov, G. D. Latyshev. Izv. AN SSSR. Ser. fiz. 26 no. 8:1088-1090 Ag '62

Nuclear magnetic resonance in concentrated aqueous solutions of VO^{++} [with summary in English]. N. S. Kucheriavenko. Zhur. eksp. i teor. fiz. 43 no. 4 1164-1172 O '62

Observation of the Mössbauer effect in $Sm_2^{149}O_3$ [with summary in English]. V. P. Alfimenkov. Zhur. eksp. i teor. fiz. 42 no. 4:1036-1037 Ap '62

Study of nuclear magnetic relaxation of absorbed gases by the spin echo method [with summary in English]. A. A. Halkin, I. V. Matiash. Ukr. fiz. zhur. 7 no. 1 54-56 Ja '62.

Study of the rotational motion of molecules of a liquid by the nuclear magnetic resonance method [with summary in English]. A. Sh. Agishev. Zhur. eksp. i teor. fiz. 43 no. 4 1154-1157 O '62.

TSLA nuclear magnetic resonance spectrometer and results of its use. A. N. Liubimov, A. F. Varenik, I. IA. Slonim. Zav. lab. 28 no. 8 991-995 '62.

NUCLEAR MODELS

Lower levels of O^{17} and F^{17} in the α-model of the nucleus. Z. Matkhiz, V. G. Neudachin, IU. F. Smirnov. Izv. AN SSSR. Ser. fiz. 26 no. 8:1060-1069 Ag '62

Statistical model of a nucleus taking correlations into account [with summary in English]. G. M. Vagradov, D. A. Kirzhnits. Zhur. eksp. i teor. fiz. 43 no. 4:1301-1307 O '62.

NUCLEAR MOMENTS

Complex orbital moments and correlations between the cross sections of diverse high energy processes. V. N. Gribov, I. IA. Pomeranchuk. Zhur. eksp. i teor. fiz. 42 no. 4 1141-1144 Ap '62.

NUCLEAR PHOTOGRAPHY see Photography, Particle track

NUCLEAR PHYSICS

Contribution of science to the world. N. Pavlenko. Znan. ta pratsia no. 9:1-5 S '62.

Peaceful uses of radiation. I. D. Konozenko. Znan. ta pratsia no. 9:10-11 S '62

NUCLEAR POWER see Atomic power

NUCLEAR REACTIONS

Azimuthal angular distribution of secondary particles produced in high-energy interactions [with summary in English]. A. P. Mishakova, B. A. Nikol'skii. Zhur. eksp. i teor. fiz. 43 no. 4 1213-1222 O '62

Calculating the invariant phase volume of N-particles [with summary in English]. V. A. Kolkunov. Zhur. eksp. i teor. fiz. 43 no. 4 1448-1455 O '62.

Collective interaction between neutrons and spherical nuclei. A. M. Korolev. Izv. AN SSSR. Ser. fiz. 26 no. 8:1101-1112 Ag '62.

Complex orbital moments and correlations between the cross sections of diverse high energy processes. V. N. Gribov, I. IA. Pomeranchuk. Zhur. eksp. i teor. fiz. 42 no. 4:1141-1144 Ap '62.

Composition of gases produced in the interaction between uranium dioxide and nitric acid. E. A. Kanevskii, A. P. Filippov, N. V. Timofeeva. Atom. energ. 13 no. 5 484-486 N '62

Coulomb excitation of second 2^+ levels in even-even nuclei of intermediate atomic weight [with summary in English]. I. P. Gangrskii, I. K. Lemberg. Zhur. eksp. i teor. fiz. 42 no. 4:1027-1028 Ap '62.

Energy dependence of the cross sections for (n,γ)-reactions of a number of odd Z nuclei [with summary in English]. IU. P. Popov, F. L. Shapiro. Zhur. eksp. i teor. fiz. 42 no. 4:988-1000 Ap '62.

Green's functions in the theory of strong coupling. A. B. Frenkin. Dokl. AN SSSR 146 no. 4:805-807 O '62.

Inelastic pn-interactions at an energy of 9 Bev. V. A. Botvin, Zh. S. Takibaev, P. A. Usik. Dokl. AN SSSR 146 no. 4:785-788 O '62.

Limitation of the rate of decrease of the amplitudes of various processes. V. N. Gribov, I. IA. Pomeranchuk. Zhur. eksp. i teor. fiz. 43 no. 4:1556-1559 O '62.

Measurement of $\gamma\gamma$-coincidences in the reaction $Ag^{107}(n,\gamma)Ag^{108}$ [with summary in English]. I. V. Estulin, L. F. Kalinkin, A. S. Melioranskii. Zhur. eksp. i teor. fiz. 43 no. 4 1376-1384 O '62

Measuring the polarization of γ-rays from the reaction $Si^{30}(p,\gamma)P^{31}$ [with summary in English]. P. M. Tutskin. Zhur. eksp. i teor. fiz. 13 no. 4 1140-1145 O '62.

Mechanism underlying the interaction between fast particles and nuclei. V. S. Barashenkov, V. M. Maltsev. Izv. AN SSSR Ser. fiz. 26 no. 8 1069-1074 Ag '62

$\pi\pi$-interaction in multiple π-meson production in πp-collisions [with summary in English]. M. S. Azimbirov and others. Zhur. eksp. i teor. fiz. 43 no. 4 1543-1546 O '62

Polarization of protons from the reaction $Be^9(d,p)He^{10}$. M. V. Pasichnyk, D. I. Tambovtsev. Ukr. fiz. zhur. 7 no. 1:74-75 Ja '62.

Possibility of detecting neutral currents in experiments on neutrinos. S. S. Gershtein, Nguen Van Khieu, R. A. Eramzhian. Zhur. eksp. i teor. fiz. 43 no. 4 1554-1556 O '62

Reactions of total nuclear decay [with summary in English]. IU. A. Berezhnoi and others. Zhur. eksp. i teor. fiz. 43 no. 4 1210-1252 O '62

Reduced widths in stripping reactions on nonaxial nuclei. V. K. Luk'ianov. Izv. AN SSSR Ser. fiz. 26 no. 8:1093-1097 Ag '62

Resonance theory of nuclear reactions induced by neutrons with energies below 5 Mev. [with summary in English]. I. V. Gordeev. Zhur. eksp. i teor. fiz. 42 no. 4 1063-1074 Ap '62.

Role of short-range three-particle forces in processes involving the generation of three particles near the threshold [with summary in English]. G. S. Danilov. Zhur. eksp. i teor. fiz. 43 no. 4 1436-1447 O '62

Search for resonances in the reaction of K^+K^0 pair production. V. V. Barmin and others. Zhur. eksp. i teor. fiz. 43 no. 4 1564-1565 O '62

Slight probability of the processes $\mu \to e\gamma, \mu \to e+e+e$ and neutral currents in weak interactions [with summary in English]. B. Pontecorvo. Zhur. eksp. i teor. fiz. 43 no. 4:1521-1523 O '62

Some threshold singularities in total cross sections of particle interactions [with summary in English]. N. P. Klepikov, V. V. Fedorov. Zhur. eksp. i teor. fiz. 43 no. 4:1524-1525 O '62.

Study of (np) and (n, np) reactions on heavy nickel isotopes. A. K. Val'ter and others. Izv. AN SSSR. Ser. fiz. 26 no. 8:1079-1084 Ag '62.

NUCLEAR REACTORS

(see also subdivision under Kiev; Sainspils; White Russia)

Brief news. Atom. energ. 13 no. 5:507-508 N '62

Gol'denblat, I. I., and N. A. Nikolaenko. [Calculation of thermal stresses of nuclear reactors] Raschety temperaturnykh napriazhenii v iadernykh reaktorakh. Moskva, Gosatomizdat, 1962. 158 p.

NUCLEAR REACTORS—CONGRESSES

Symposium on the safety of reactors and methods for appraising hazards. A. Veselkin. Atom. energ. 13 no. 5:498-500 N '62

NUCLEAR RESEARCH

Contribution of collective motion to the lifting of l forbiddenness [with summary in English]. B. E. Berlovich and others. Zhur. eksp. i teor. fiz. 42 no. 4:967-972 Ap '62.

Papers read at the 12th session of the Scientific Council of the United Institute of Nuclear Research. V. Flirkov. Atom. energ. 13 no. 5 494-497 N '62.

NUCLEAR SHIELDING see Shielding (Radiation)

NUCLEAR SPIN

Green's thermodynamic functions of an isotropic ferromagnetic with arbitrary spin. E. Czervonko. Dokl. AN SSSR 147 no. 1:88-91 N '62.

Spin of the ρ-meson. A. F. Grashin, IA. IA. Shalonov. Zhur. eksp. i teor. fiz. 42 no. 4:1140-1141 Ap '62.

NUCLEI, ATOMIC

Scattering of γ-quanta and the polarizability of nuclei and nucleons [with summary in English]. L. I. Lapidus. Zhur. eksp. i teor. fiz. 43 no. 4:1358-1361 O '62.

Separation of nuclear isomers of zinc. V. D. Nefedov, E. N. Sinotova, Sun' Shu-chzhen' [Sung Shu-chen] Radiokhimiia 4 no. 4:497-498 '62.

NUCLEIC ACID METABOLISM

Significance of boron in nuclein metabolism [with summary in English]. M. IA. Shkol'nik, A. N. Maevskaia. Fiziol. rast. 9 no. 3:270-278 '62.

NUCLEIC ACIDS

Content of cytoplasmic ribonucleic acid in the neurons of the individual cell layers of various functional zones of the cerebral cortex [with summary in English]. I. Z. Pevzner. Biokhimiia 27 no. 4:663-669 Jl-Ag '62

NUCLEIC ACIDS (Continued)
Effect of deoxyribonucleic acid and diisopropyl fluorophosphate on the polarographic wave of subtilisin. I. D. Ivanov, E. E. Rakhleeva, V. G. Krylova. Dokl. AN SSSR 146 no. 4 911-914 O '62

Effect of sarcolysine and 6-diethylamino-7-methylpurine on the inclusion of formate-C^{14} in nucleic acids [with summary in English] V. A. Kursanova, IU. S. Gurevich-Usyskina. Vop. med. khim. 8 no. 1:38-42 Ja-F '62

Effect of the change in the ribonucleic acid content of a motor nerve cell on the excitability of the peripheral neuromuscular apparatus. N. A. Smirnova, N. M. Sharovskaia. Vest. Mosk. un., Ser. 6 Biol., pochv. 17 no. 5:17-23 S-O '62.

Informational RNA. A. S. Spirin, V. N. Smirnov. Biofizika 7 no. 1:501-511 '62

Nucleic acid content in various layers of the cerebral cortex [with summary in English] M. N. Baranov. Biokhimiia 27 no. 4 702-707 Jl-Ag '62

Nucleic acid content of flower buds of the black currant [with summary in English]. A. M. Bobyshova, E. Z. Okuina. Fiziol. rast. 9 no. 3 312-316 '62.

Presence of ribonucleic acid of the AU type in the chromosomo-nucleolar apparatus [with summary in English] G. P. Georgiev, V. D. Mant'eva. Vop. med. khim. 8 no. 1:93-94 Ja-F '62.

Variation in nucleic acid content during the healing of an injured myocardium. M. P. IAvich. Dokl. AN SSSR 147 no. 1:246-251 N '62.

Variation in the basophily of an injured myocardium in animals treated with ribonucleic acid and pyrogenal. L. V. Akhabadze. Dokl. AN SSSR 146 no. 4 913-915 O '62.

Variation in the nucleic acid content of the extremities of axolotls following X-irradiation and the restoration of their regenerative ability. N. A. Tepilts. Dokl. AN SSSR 147 no. 1:241-247 N '62

NUCLEONS
Determining the parameters of the repulsive potential due to the nucleon cores in nucleonic interaction. B. B. Dotsenko, V. M. Sulaiuk. Izv. AN SSSR, Ser. fiz. 26 no. 8, 1097-1101 Ag '62

Regge fermion poles and the asymptotic nature of meson-nucleon scattering in the region of large angles [with summary in English] V. N. Gribov. Zhur. eksp. i teor. fiz. 43 no. 4 1529-1534 O '62

Scattering of γ-quanta and the polarizability of nuclei and nucleons [with summary in English] L. I. Lapidus. Zhur. eksp. i teor. fiz. 43 no. 4 1358-1361 O '62.

Use of dispersion relations in determining the amplitude of π-meson production in neutrino - nucleon collisions [with summary in English]. Nguen Van Khieu. Zhur. eksp. i teor. fiz. 43 no. 4 1296-1300 O '62

NUCLEONS—SCATTERING
Phase shift analysis of nucleon-nucleon scattering at energies of 40, 95, 147, 310 Mev. [with summary in English]. IU. M. Kazarinov, I. N. Silin. Zhur. eksp. i teor. fiz. 43 no. 4 1165-1393 O '62.

NUCLEOPROTEINS
Latent degradation of ribosomes [with summary in English] R. S. Shakulov, M. A. Altkhozhin, A. S. Spirin. Biokhimiia 27 no. 4 744-751 Jl-Ag '62

Quantitative change in the sulfhydryl groups in liver cell nucleoproteins of irradiated rats [with summary in English]. E. M. Kedrova, Zh. A. Antokol'skaia, V. M. Rodionov. Biokhimiia 27 no. 4 665-680 Jl-Ag '62

NUCLEOTIDES
Study of the synthesis mechanism of the polyribonucleotide enzymatic system of animal tissues [with summary in English]. N. V. Bogolavlenskaia, V. S. Tongur. Biokhimiia 27 no. 4 670-674 Jl-Ag '62.

NUCLEUS (CELLS) see Cell nuclei

NUMBER GAMES see Mathematical recreations

NUMBERS, INDEX see Index numbers (Economics)

NUMBERS, PRIME
Generalization of Klostermann's formula. A. I. Vinogradov. Dokl. AN SSSR 146 no. 4 754-756 O '62.

NUMERATION
Comparative complexity of the mechanical reproduction of various numbers. N. A. Filippov. Izv. AN Kir. SSR. Ser. est. i tekh. nauk 3 no. 6:75-81 '61.

NUMERICAL CALCULATIONS
Berezin, I. S., and N. P. Zhidkov. [Calculation methods] Metody vychislenii. Izd. 2., perer. Moskva, Fizmatgiz.
Vol. 2. 1962. 636 p.

NUMMULITES
(see also subdivision under Badkhyz)
A few notes on the paleoecology of nummulites. G. I. Nemkov. Vop. mikropaleont. no. 6:64-72 '62.

NURA-TAU—ALLOPHANE
Allophane of the Lyangar deposit. L. N. Novoselova. Zap. Vses. min. ob-va 91 no. 5:600-612 '62.

NURSERIES (HORTICULTURE) see subdivision under Stavropol Territory

NURSERY STOCK
What kind of nursery stock should be released from nurseries, results of discussions. M. V. Gorlenko. Zashch. rast. ot vred. i bol. 7 no. 5 18-19 My '62

NUT MOTH see subdivision under Chelyabinsk Province

NUT TREES see subdivision under Ukraine

NUTRITION SURVEYS see subdivision under Tajikistan

NYLON
Capron fibers with nonround cross section. V. M. Khanitonov and others. Khim. volok. no. 5:49-51 '62.

Experience with KV-150-II high-speed twisting and spinning machine. V. A. Kopilaeva, G. N. Khanitonova, G. P. Tolpygina. Khim. volok. no. 5:60-62 '62.

Increasing the throughput of textile equipment in the production of capron. G. P. Tolpygina, P. I. Krichkova. Khim. volok. no. 5:55-56 '62.

Machines for manufacturing capron fibers. O. N. Nezhivletskii. Khim. volok. no. 5:37-41 '62.

Uniform properties of capron cord fibers. Report No. 1. V. K. Ponomarev. Khim. volok. no. 5:62-64 '62.

Use of the K-160 oiling preparation in the rewinding of capron fibers. V. A. Kopilaeva, K. M. Malafeeva, N. N. Ivanov. Khim. volok. no. 5 50-50 '62.

NYLON TEXTILE MACHINERY
Experience with a continuous single-process twister for the manufacture of elastic capron fibers. L. D. Kapustina, T. I. Kolobova, G. V. Fumanova. Khim. volok. no. 5:53-58 '62.

NYSTAGMUS
Dependence of the postrotatory nystagmus reaction on the excitability of the vestibular analyser [with summary in English] S. S. Markarian. Zhur. ush., nos. i gorl. bol. 21 no. 6 37-42 N-D '61.

OAK see subdivision under Il'men' Preserve, Ukraine

OAK—DISEASES AND PESTS see subdivision under Moldavia

OATS
(see also subdivision under Ukraine)
Experimental transformation of oats into wild oats. P. V. Morozov. Agrobiologiia no. 5, 700-701 S-O '62

OBESITY see Corpulence

OBOYAN' DISTRICT—COLLECTIVE FARMS—INTER-FARM COOPERATION
When local resources are utilized. P. Ilipkin. Sel'. stroi. no. 6:5 Ag '62.

OBSERVATORIES see subdivision under Tashkent

OBSESSIONS
Catamneses of patients with neuroses of obsessive states and psychasthenia [with summary in French]. N. D. Lakosina, B. A. Tsellibeeli. Zhur. nevr. i psikh. 61 no. 10, 1531-1537 '61.

OBSTETRICS
Basic tasks in rural medical services for women [with summary in English]. V. A. Pokrovskii. Vop. okh. mat. i det. 7 no. 7:72-75 Jl '62.

"Importance of vitamins and nitrofurans in obstetrics and gynecology" by R. L. Shub. Reviewed by N. Stolygvo. Izv. AN Latv. SSR no. 7:138-140 '62

Use of dimolin in obstetrical practice. G. IA. Molchanova. Akush. i gin. no. 1:59-63 '62.

OBSTETRICS—CONGRESSES
Vsesoiuznyi s"ezd akusherov-ginekologov, 10th, Moskva, 1957. [Transactions of the Tenth All-Union Congress of Obstetricians and Gynecologists, December 11-18, 1957 in Moscow] Trudy, Sost. G. IA. Molchanova, O. K. Nikonchik, M. D. Piradova. Moskva, Medgiz, 1961. 189 p.
(DNLM)

OCCUPATIONAL DISEASES
Nonspecific syndromes in occupational diseases. E. M. Tareev. Sov. med. 26 no. 6:13-24 Je '62.

"Occupational diseases of the upper respiratory tract and the organ of hearing" by G. S. Trambitskii and A. E. Tamarina. Reviewed by N. F. Pitenko. Zhur. ush., nos. i gorl. bol. 22 no. 2:88-90 Mr-Ap '62.

Ways of reducing the occupational hazards in the use of copper trichlorophenolate. D. L. Kol'bert. Shor. nauch.-issl. rab. TTI no. 12:50-62 '61.

OCCUPATIONAL THERAPY
Occupational therapy of reactive states [with summary in French]. A. K. Dobrzhanskaia, F. D. Rusanov. Zhur. nevr. i psikh. 61 no. 10:1555-1560 '61.

OCEAN
Basing the water balance calculation on the level of the sea. L. I. Galerkin. Okeanologiia 2 no. 5:783-788 '62.

OCEAN CURRENTS
(see also subdivision under Atlantic Ocean)
Follow-up to O. I. Mamaev's article "I. S analysis of moving water masses in the ocean which are limited in respect to the vertical." V. B. Shtokman. Okeanologiia 2 no. 5, 810 '62.

Location of the surface of no motion in the ocean. D. M. Fel'tsman. Okeanologiia 2 no. 5:815-821 '62

Methods of studying the effect of currents on aquatic invertebrates. L. A. Lutkova. Vop. ekol. 5 128-129 '62.

OCEAN CURRENTS—MEASUREMENT
Abyssal, self-contained, photographic recorder of currents. L. I. Stas', A. G. Iakutin. Okeanologiia 2 no. 5 898-901 '62

Methodology of measuring ocean currents with the BPV-2 instrument. R. V. Ozmidov. Okeanologiia 2 no. 5: 916-921 '62.

OCEAN LINERS
Methods of economic justification for selecting the optimum variant of a sea transportation ship. S. V. Lainer, L. L. Limonov. Trudy TSNIIMF no. 20, 62-68 '60

OCEAN TEMPERATURE see subdivision under Atlantic Ocean; Barents Sea

OCEANOGRAPHIC INSTRUMENTS
Abyssal, self-contained, photographic recorder of currents. L. I. Stas', A. G. Iakutin. Okeanologiia 2 no. 5: 898-901 '62.

OCEANOGRAPHIC RESEARCH see subdivision under Canada, Split

OCEANOGRAPHY
(see also subdivision under Finland, Gulf of; Pacific Ocean)
Some aspects of commercial oceanography. T. S. Rass. Okeanologiia 2 no. 5:932-931 '62.

OCEANOGRAPHY—CONGRESSES
Third Moscow Conference of Young Oceanographers. V. I. Luz'min. Okeanologiia 2 no. 5:911 '62.

OCTOPUS
How octopuses travel on land and in the air. Igor' Akimushkin. Iun. nat. no. 10:20-30 O '62

ODESSA—ARCHAEOLOGICAL SOCIETIES
"Studies of the Odessa Archaeological Society." Vol. 1. Reviewed by T. Z. Sov. arkheol. 6 no. 1 277-280 '62.

ODESSA—COMMUNIST PARTY OF THE SOVIET UNION
[Studies on the history of the Odessa party organization] Z istorii Odes'kol partiinoi organizatsii, sat.ay. [Odessa] Odes'ke knyzhkove vyd-vo, 1962. 574 p.

ODESSA—LIBRARIES, CHILDREN'S
When horizons expand. F. Gol'din. Bibliotekar' no. 11: 41-42 N '62.

ODESSA—MECHANICAL DRAWING—COMPETITIONS
Municipal Olympiad of mechanical drawing. V. B. Khrenikova. Rad. shk. 21 no. 10:91 O '62

ODESSA—MOTORCYCLE RACING
Motorcycles are on the race track. M. Tilevich. Za rul. 20 no. 11:16-17 N '62.

ODESSA—RUSSIAN SOCIAL DEMOCRATIC PARTY
[Studies on the history of the Odessa party organization] Z istorii Odes'kol partiinoi organizatsii, sat.ay. [Odessa] Odes'ke knyzhkove vyd-vo, 1962. 574 p.

ODESSA—THEATERS
Odessa Opera House. S. Kilesso, V. [Astevich. Stroi. i arkhit. 10 no. 10:37 O '62.

ODESSA PROVINCE—AGRICULTURE—ECONOMIC ASPECTS
Research work of economics students. N. G. Bazhal, D. S. Bidenko. Uchet i fin. v kolkhoz. i sovkhoz. 10 no. 7 48-49 Jl '62.

ODESSA PROVINCE—FEEDS
Keep accurate accounting for feeds. V. N. Chepeliuk. Uchet i fin. v kolkhoz. i sovkhoz. 10 no. 11:9-10 N '62.

OFFENSES AGAINST SOCIALIST PROPERTY
How our voluntary accounting experts audit the accounts of business organizations and collective farms. D. Skyba. Rad. pravo no. 9 59-60 N-D '62.

OFFENSES AGAINST THE PERSON
Motives of homicide and those criminal offenses which imperil the health of injured persons. IA. M. Kul'berg. Sov. gos. i pravo 32 no. 11:134-138 N '62.

OFFICE EQUIPMENT AND SUPPLIES
Automation and mechanization of industrial management. S. B. Lifshits. Mekh. i avtom. proizv. 16 no. 10:37-41 O '62.

OFFICE EQUIPMENT AND SUPPLIES—ABSTRACTS

[Precision instruments and testing equipment] Ref. zhur. Otd. vyp. 40 Prib. toch. mekh. i isp ust. nos. 23-24 D '62.

OIL FIELD BRINES see subdivision under Kuban Lowland, Laba Valley, Psekups Valley; Ural Mountain region

OIL FIELD FLOODING see subdivision under Kyurovdag region

OIL FIELDS

Utilization of mineral waters of oil fields. D. A. Chizhichenko. Vop. kur., fizioter. i lech. fiz. kult. 27 no. 2, 173-174 Mr-Ap '62

OIL FIELDS—FIRES AND FIRE PREVENTION see subdivision under Azerbaijan

OIL FIELDS—PRODUCTION METHODS
(see also subdivision under Azerbaijan; Turkmenistan)

Concerning the article by M. B. Dobrovol'skii "Establishing norms for the production of oil of the A, B, C_1 categories" M. G. Leibson. Sov. geol. 5 no. 9:152-154 S '62

Degtiarev, N. M., and V. F. Kondrat'ev. [New methods of oil production] Novye metody neftedobychi. Groznyi, Checheno-Ingushskoe knizhnoe izd-vo, 1961. 66 p.

OIL FIELDS—SAFETY MEASURES

Some methods of safety work in oil fields. V. V. Romashkin. Bezop. truda v prom. 6 no. 6:28-29 Je '62.

OIL FIELDS—VALUATION see subdivision under Krasnodar Territory

OIL HYDRAULIC MACHINERY

Working process of the press system with a hydromechanical accumulator P. P. Gordienko. Sbor. nauch.-issl. rab. TTI no. 12 29-45 '61.

OIL INDUSTRIES

News from factories. Masl. zhir. prom. 28 no. 7 45-47 Jl '62

OIL RESERVOIR ENGINEERING
(see also subdivision under Ishimbay region)

Bagirov, M. A., G. V. Vechkhaizer, and Ch. M. Dzhuvarly. [Electrothermal means of increasing oil reservoir recovery] Elektrotermicheskie sposoby uvelicheniia nefteotdachi plastov. Baku, Azerneshr, 1962. 174 p.

Cristea, N. [Underground hydraulics. Translated from the Rumanian] Podzemnaia gidravlika. Moskva, Gostoptekhizdat.
Vol. 2. 1962. 490 p.

Regularity or general pattern of distribution of initial formation pressure L. N. Bykov. Izv. vys. ucheb. zav., gor. zhur. 5 no. 10 79-86 '62

OIL SANDS see subdivision under Kuban Lowland

OIL SANDS—PERMEABILITY

Methodology of establishing the lower boundary of porosity and determining the mean porosity from a core from productive oil reservoirs. M. N. Kochetov. Trudy VNII no. 36:57-67 '62

Using various methods to determine the mean values of the parameters of a layer M. N. Kochetov, G. V. Sherbakov, A. I. Filippov. Trudy VNII no. 36:188-197 '62.

OIL WELL CEMENTING

Makhmudov, M. N. [Effect of some factors on the process of cementing wells] Vliianie nekotorykh faktorov na protsess tsementirovki skvazhin. Baku, Azerneshr, 1962. 86 p.

OIL WELL DRILLING
(see also subdivision under Krasnodar Territory; Kuban)

Calculation of the error in determining the position of the bottom hole. Razved. i prom. geofiz. no. 45:112-114 '62.

Determination of possible deviations from the planned position of multiwell shafts in connection with determining their yields. V. P. Tebakov. Trudy VNII no. 36:180-187 '62.

Error in the height of the point of the shaft of a well entering into the horizontal during drilling in a flat layer. T. IA. Chernoglazova. Trudy VNII no. 36:19-26 '62.

Evaluating the accuracy of determining the angle of the deflecting unit in a well by the graphic and mechanical methods. N. V. Sivokhina, T. IA. Chernoglazova. Trudy VNII no. 36:27-32 '62.

Intersecting of the shafts of deflected wells. N. B. Sivokhina, E. F. Frolov, T. IA. Chernoglazova. Trudy VNII no. 36:13-18 '62.

Permissible curvature of shafts at the point of intersection of deflected wells. Trudy VNII no. 36:33-37 '62.

Results of the competition between drilling and derrick assembling crews. A. IA. Repiev. Neftianik 7 no. 4, 5-6 Ap '62.

OIL WELL DRILLING—EQUIPMENT AND SUPPLIES

New designs of drilling bits M. Kurnosov Neftianik 7 no. 4:19-20 Ap '62

A new drilling bit. Neftianik 7 no. 4 23 Ap '62.

Strengthening the ends of square kellies. A. Dvoretskii Neftianik 7 no. 4 22 Ap '62.

OIL WELL DRILLING FLUIDS
(see also subdivision under Bashkiria; Chechen-Ingush A. S. S. R.)

New method of eliminating areas of circulation loss in drilling wells. V. G. Smolianinov. Razved. i okhr. nedr 28 no. 10 27-32 O '62.

Use of Salt-gels gives considerable economy D. Ramazanov. Neftianik 7 no. 4, 23 Ap '62

OIL WELL DRILLING RIGS
(see also subdivision under Tyumen' Province)

New elevator for derrick man. B. A. Kostin Bezop. truda v prom. 6 no. 6 22 Je '62

OIL WELL LOGGING see subdivision under Krasnodar Territory, Kuban

OIL WELL LOGGING—EQUIPMENT AND SUPPLIES

Automatic mud-analysis logging station. B. V. Vladimirov, E. V. Galkin Razved. i prom. geofiz. no. 45:109-111 '62

OIL WELL LOGGING, RADIATION—EQUIPMENT AND SUPPLIES

Nonlinear apparatus for radiation logging V. P. Ivankin. Razved. i prom. geofiz. no. 45:110-122 '62.

OIL WELL PUMPS

The ISK pumping jack for low-yielding and shallow wells. K. N. Arkhipov, T. S. Kadymov. Biul. tekh.-ekon. inform. Gos. nauch.-issl. inst. nauch. i tekh. inform. no. 11:32-34 '62.

OIL WELL PUMPS—MAINTENANCE AND REPAIR

Deep pump repair shop. Neftianik 7 no. 4, 22 Ap '62

OIL WELLS—EQUIPMENT AND SUPPLIES

An artificial filter Neftianik 7 no. 4, 20 Ap '62.

Flow-production equipment with horizontal cross braces. M. S. Rustamov. Bezop. truda v prom. 6 no. 6 23-24 Je '62.

OIL WELLS—HYDRAULIC FRACTURING

Possibility of using ion exchange resins as carriers of radioactive isotopes. I. G. Zhuvagin, IU. A. Akchasitanov, R. V. Khairullin. Razved. i prom. geofiz. no. 45: 115-117 '62

OILS AND FATS
(see also subdivision under Bogatov; Erivan; Leningrad)

Neutralization of fats and oils in an alkaline medium N. A. Kaminskii and others. Masl.-zhir. prom. 28 no. 7:13-14 Jl '62.

Predistilling of micella by dispersion method. V. V. Beloborodov, N. A. Ivanova. Masl.-zhir. prom. 28 no. 7 8-10 Jl '62.

The temperature factor in the kinetics of the extraction process of vegetable oils. V. V. Beloborodov, A. G. Nashchadim. Izv. vys. ucheb. zav. pishch. tekh. no. 4: 133-139 '62.

OILS AND FATS—CONGRESSES

Conference at the Shebekino Combine of Synthetic Fatty Acids and Aliphatic Alcohols N. I. Ignatenko. Masl. zhir. prom. 28 no. 7, 47-48 Jl '62.

OILS AND FATS—STORAGE see subdivision under Krasnodarsk

OILS AND FATS INDUSTRY see subdivision under Krasnodarsk

OILSEED PLANTS—RESEARCH see subdivision under Kuban

OINTMENTS

Treatment of acute lumbosacral radiculitis by the algesic stimulation of the skin under outpatient conditions. E. V. Zhuravlev. Vrach. delo no. 8:148-149 Ag '62.

OKINAWA ISLAND—MILITARY BASES, AMERICAN

Okinawa, a military base of the U. S. A. Mezhdunar. zhizn' 9 no. 12:144-146 D '62.

OKRA

Preservation of okra. S. P. Ratkovskii, N. S. Bakuras. Kons. i ov. prom. 17 no. 11:13 N '62.

OKUN', GEORGII SOLOMONOVICH, d. 1962

G. S. Okun'; obituary. Tekst. prom. 22 no. 10:96 O '62.

OLEANENOIC ACID

Ursolic and oleanolic acids from Myrica gale L. A. V. Borovkov, N. V. Belova. Zhur. ob. khim. 32 no. 10: 3457 O '62.

OLEFINS

Perchloric acid and its compound as catalysts in organic synthesis. Part 8. Catalytic acylation of some aryl olefins. B. A. Rozenberg and others. Zhur. ob. khim. 32 no. 10:3417-3421 O '62.

OLEIC ACID

Autolysis of liver proteins in rats after intraperitoneal introduction of oxidized oleic acid. Radioimmunochemical characteristics of oxidized oleic acid IU. B. Kudriashov, B. A. Lomsadze. Vest. Mosk. un. Ser. 6: Biol., pochv. 17 no. 5:24-26 S-O '62.

OLEKMA VALLEY—ROCKS, IGNEOUS

Mesozoic metalliferous intrusions in the Olekma-Nerichugan region. IU. V. Kazitsyn and others. Sov. geol. 5 no. 9:61-77 S '62

OLENEK VALLEY—DIKES (GEOLOGY)

Clastic dikes in the sediments of the Sinian complex in the Olenek Valley E. S. Kuteinikov, E. M. Neimark. Trudy VAGT no. 8 78-79 '62

OLEOTHORAX

Use of extrapleural pneumothorax and oleothorax [with summary in English] E. Kh. Lezovoi. Vrach. delo no. 8:94-98 Ag '62.

OLIGOCHAETA

Chekanovskaia, O. V. [Aquatic oligochaete worms of the fauna of the U. S. S. R.] Vodnye maloshchetinkovye chervi fauny SSSR. Moskva, Izd-vo Akad. nauk SSSR, 1962. 411 p. (Opredeliteli po faune SSSR, no. 76)

OL'KHOVATKA DISTRICT—RADIO—REPAIRING

Master with golden hands. A. Korotaev, A. Kolliarov. Sov. potrebkoop. 6 no. 10 34-35 O '62.

OLYMPIC GAMES

Olympic games and the Tyrants. K. K. Zel'in. Vest. drev. ist. no. 4:21-28 '62.

Some characteristics of the concentration of attention among weight lifters at the 17th Olympic Games F. Genov. Teor. i prak. fiz. kul't. 25 no. 8:18-20 Ag '62.

OMAR KHAYYAM

Omar Khayyam. [Treatises] Traktaty. Vstup. stat'ia i kommentarii B. A. Rozenfel'da i A. P. Ushakovichi. *Moskva, Izd-vo vostochnoi lit-ry, 1961.* 337, [2] p. (Pamiatniki literatury narodov Vostoka. Tekst: Malaia seriia, no. 3) [Parallel texts in Russian and Arabic or Persian]

OMENTUM

Adequacy of vascular organic anastomoses, experimental studies. M. Ashrapova. Klin. khir. no. 8:59-62 Jl '62.

OMENTUM—BLOOD SUPPLY

False aneurysm of the gastroepiploic artery. I. I. Zakharov. Vest. khir. no. 5:113 '62.

OMENTUM—CANCER

Liposarcoma of the omentum in postoperative hernia B. M. Druianov. Vest. khir. no. 6:36-37 '62.

OMENTUM—TUMORS

Benign neoplasms of the greater omentum in children IU. V. Bessel'. Vest. khir. no. 6:84-86 '62.

OMSK—EDUCATION, COOPERATIVE

When they approach it creatively. V. Krasnov. Nar. obr. no. 11 43-45 N '62.

OMSK—MOTOR VEHICLES—MAINTENANCE AND REPAIR

Two efficiency suggestions at the First Omsk Automobile Repair Plant. G. Trudnenko. Avt. transp. 40 no. 10:51-52 O '62.

OMSK PROVINCE—CONSTRUCTION INDUSTRY

With Omsk builders. N. Pogorelko. Sel'. stroi. no. 8 24b-26 Ag '62.

OMSK PROVINCE—CORN (MAIZE)—DISEASES AND PESTS

Controlling wireworms in corn fields. F. V. Prokudina, K. G. Azlev. Zashch. rast. ot vred. i bol. 7 no. 3 28-29 Mr '62.

OMSK PROVINCE—FIELD MICE—EXTERMINATION

Water vole in Omsk Province. A. V. Petrov. Zashch. rast. ot vred. i bol. 4 no. 6:53-54 N-D '59.

OMSK PROVINCE—WIREWORMS

Controlling wireworms in corn fields. F. V. Prokudina, K. G. Azlev. Zashch. rast. ot vred. i bol. 7 no. 3 28-29 Mr '62.

ONCOLOGY

Pressing problems in oncology. A. I. Serebrov. Sov. med. 26 no. 7:7-10 Jl '62.

Problems of oncological pharmacology. N. V. Lazarev. Vop. onk. 8 no. 8:99-105 '62.

ONEGA PENINSULA—PALYNOLOGY

Spore-pollen characteristics of late- and post-glacial sediments of the Onega Peninsula. T M Vostrukhina Sov geol 5 no.9,132-139 S '62

ONION BREEDING see subdivision under Donets Basin

ONIONS see subdivision under Ukraine

ONTOGENY (BOTANY)

Some characteristics of the ontogenetic changeability of leguminous plants E I Rzhanova Biul MOIP. Otd. biol. 67 no.3,143 My-Je '62.

OOSPORA see subdivision under Murmansk Province

OPEN-AIR TREATMENT

Studying the functional state of the central nervous system in neurasthenic patients by the sphygmographic method during compound treatment involving night sleep on open verandas N.S Neverova. Vop.kur., fizioter. i lech. fiz. kul't. 27 no 2,111-116 Mr-Ap '62.

OPEN AND CLOSED SHELVES

Use of recommendatory reference works in public libraries with open shelves. A I. Barsuk. Sov. bibl. no. 5:21-29 '62

OPEN-CUT MINING see Strip mining

OPEN-HEARTH FURNACES

Automation of temperature conditions in open-hearth furnaces. M. M. Kotrovskii, G. IA. Geller. Stal' 22 no. 9 855-858 S '62.

Buryiev, N.G. [Thermal conditions of open-hearth furnaces] Teplovye rezhimy martenovskikh pechei. Sverdlovsk, Metallurgizdat, 1962. 184 p. [MICROFILM]

Comparison of performance figures of 500-ton open-hearth furnaces in two plants. V. A. Romenets, IU E. Funtov. Stal' 22 no. 9 795-796 S '62.

Use of compressed air for the acceleration of thermal processes in open-hearth furnaces. N.I. Kokarev and others. Izv. vys. uchab. zav.; chern. met. 5 no. 10 149-154 '62.

OPEN-HEARTH FURNACES—AERODYNAMICS

Characteristics of aerodynamics in 600 and 900-ton open-hearth furnaces with single-channel ports M A. Glinkov, V J Mitkalinnyi, Khe IU-tsin' [Ho Yu-chin] Stal' 22 no. 11:1051-1055 N '62

OPEN-HEARTH FURNACES—DESIGN AND CONSTRUCTION

Expansion of steel smelting equipment and plants in the U. S. S. R. I N. Lur'e. Stal' 22 no 11:983-993 N '62.

Use of unfired magnesite-chromite refractories for the laying of slag-pocket arches in open-hearth furnaces. A. I. Korolev, V. D. Koksharov. Stal' 22 no. 11 999-1000 N '62.

OPEN-HEARTH PROCESS

"Modern open-hearth process" by A. N. Morozov Reviewed by E. V. Abrosimov. Stal' 22 no. 9:798-802 S '62.

New method of using compressed air in open-hearth practice. K. A. Greben' and others. Stal' 22 no 11:997-999 N '62.

Using the blowing of open-hearth furnace baths for the automatic control of metal decarburization processes. M. IA. Medzhibozhskii. Izv. vys. uchab. zav.; chern. met. 5 no. 10:166-171 '62.

OPERA see subdivision under Moscow

OPERA—HISTORY AND CRITICISM

Ferman, V. E. [The operatic theater] Opernyi teatr; stat'i i issledovaniia. Moskva, Muzgiz, 1961. 367 p.

OPERAS—STORIES, PLOTS, ETC.

Pankratova, V. A., L. V. Poliakova, and G. M. TSypin, eds. [Opera librettos; summary of operatic plots] Opernye libretto; kratkoe izlozhenie soderzhaniia oper. Moskva, Muzgiz, 1962. 799 p.

OPERATIONAL CALCULUS see Calculus, Operational

OPERATORS (MATHEMATICS)

On the problem of factorization of operators in Hilbert space. I. TS. Gokhberg, M. G. Krein. Dokl. AN SSSR 147 no. 2:279-282 N '62.

Order and asymptotic value of the approximation of a nondifferentiable function by linear positive operators of a specific type. R. G. Mamedov. Dokl. AN SSSR 147 no. 2:297-300 N '62.

Remarks concerning the growth of eigenfunctions of self-adjoint operators. IU. M. Berezanskyi, IU. B. Orochko. Ukr. mat. zhur. 14 no. 2:180-184 '62.

Some conditions for the stability of Petrov-Galerkin's method. G. N. IAskova, M. N. Iakovlev. Trudy Mat. inst. 66:182-189 '62.

Use of interpolation polynomial operators for solving the problem of moments. D. L. Berman. Ukr. mat. zhur. 14 no. 2:184-190 '62.

OPERETTA

IAzkovskii, M. O. [The Soviet theater of operetta] Sovetskii teatr operetty; ocherk istorii. Leningrad, Izd-vo "Iskusstvo," 1962. 486 p. illus.

OPHTHALMOLOGY
(see also subdivision under Moldavia)

Local use of cortisone in ophthalmology. A. IU. Usupov, A. N Medvedev. Trudy Turk nauch.-issl. trakh. inst 6,145-152 '60.

Use of cortisone in eye practice. T. L. Ovseplan. Trudy Kiev. med. inst. no. 11:427-429 '60.

OPHTHALMOSCOPY

Gonioscopic studies in iridencleisis, antiglaucoma iridectomy and cyclodialysis. E. I. Ustinova. Vest. oft. no. 4:32-31 '62.

OPTIC CHIASM—DISEASES

Case of severe postinfluenzal optic chiasmatic arachnoiditis. A. L. Ostapenko. Trudy Turk. nauch.-issl. trakh. inst. 6:177-179 '60.

OPTIC NERVE—DISEASES

Pseudopapillitis [with summary in English]. F. Lascu. Vest. oft. no. 1 71-76 '62.

OPTICAL INSTRUMENTS

Multilamp source of modulated light for a pulsed tachometer N A Tolstoi, M V. Epifanov Opt. i spektr. 13 no 2 291-294 Ag '62.

OPTICAL INSTRUMENTS—ABSTRACTS

[Photographic and motion-picture equipment and optical instruments] Ref. zhur. Otd. vyp. 46. Foto-kinoapp. i opt. prib. nos. 23-24 D '62.

OPTICAL MEASUREMENTS

Optically active material for flat models used in the investigation of mechanical and thermal stresses. T. Sh. Chernia, V. I. Savchenko. Izv. vys. uchab. zav.; mashinostr. no. 8:95-101 '62.

Use of bands of equal chromatic order in determining the length of Fabry-Perot etalons V. P. Koronkevich, E. B. Kolesova Opt. i spektr. 13 no 2:272-274 Ag '62.

OPTICS—BIBLIOGRAPHY see Bibliography—Optics

OPTICS, GEOMETRICAL

Aberration characteristics of sound lenses. B. D. Tartakovskii. Akust. zhur. 8 no. 3:356-357 '62.

OPTICS, PHYSICAL

Electromagnetic field in a plane-parallel layer under self-excitation. A. P. Khapalluk, B. I. Stepanov, B. A. Sotskii Opt. i spektr 13 no. 2:282-285 Ag '62

ORANGE see subdivision under Georgia

ORATORS, GREEK

Greek orators of the second half of the fourth century B.C., Hypereides, Lycurgus, Dinarchus, and Aeschines (to be concluded). Translated from the Greek. Vest. drev. ist. no. 4:187-240 '62.

ORBIT (EYE)—DISEASES

Case of phlebolitha in the orbit. S. V. Malafan. Trudy Krev. med. inst. no. 11:421-425 '60.

ORDZHONIKIDZE, GRIGORII KONSTANTINOVICH, 1886-1937

Dates, events, and people. Komm. Bel. 35 no. 10:75-77 O '62.

ORE DEPOSITS
(see also subdivision under Almalyk region; Altai Mountains; Belaya Valley; Krasnodar Territory; Boordu region; Caucasus; Fergana; Kazakhstan; Stanovoy Range; Tien Shan; Transbaikalia; Transcaucasia; Tyrny-Auz region; Uzun-Akhmat Valley)

Experimental analysis of the degree of reliability of prospecting cross sections. A. V. Povarov, T. M. Maripov. Uch. zap. SAIGIMSa no. 5:107-113 '61.

Induced polarization method and prospects of its use in searching for disseminated ores. V. A. Komarov. Sov. geol. 5 no. 6:130-134 Je '62.

ORE DEPOSITS—CLASSIFICATION see subdivision under Tien Shan

ORE DRESSING
(see also subdivision under Kerch Peninsula)

Automation in ore dressing plants. A. E. Trop, V. Z. Kozin. TSvet. met. 35 no. 7:89-92 Jl '62.

Automation of ore dressing plants. V. K. Apollonov. TSvet. met. 35 no. 11 27-29 N '62.

Blagov, I. S., A. M. Kotkin, and T. G. Fomenko. [Gravity ore dressing processes; theoretical principles] Gravitatsionnye protsessy obogashchenila; teoreticheskie osnovy. Moskva, Gosgortekhizdat, 1962. 230 p.

Dressing of Akkermanovka ores and sintering of the concentrates produced. F. F. Kolesanov and others. [Sbor. trud.] Nauch.-issl. inst. met. no. 4:44-53 '61.

Dressing of Gay deposit ores. G. V. Koziov. TSvet. met. 35 no. 11:30-35 N '62.

Dressing of kainite-langbeinite ores of the Stebnik ore deposit. IU. Ch. Mochul'skain, B. I. Semeniak. Khim. prom. no. 6:454-456 Je '62.

Methodology of determining the economically optimum limit of dressing iron ores. N S Suchko. Izv. vys. uchab zav., gor. zhur 5 no 10 64-70 '62.

Open middlings pipe for the crushing and ore dressing plant N I Kachura, V N Bathukov Gor zhur no 12 60 D '62

Ore dressing technology and cybernetics G S. Nesterov. TSvet. met. 35 no 11 24-26 N '62

Pelletizing Ufaley deposit nickel ores with subsequent roasting. F. F. Kolesanov, A. S. Koneeva. [Sbor. trud.] Nauch.-issl. inst. met. no. 4:54-62 '61.

Preparation of Bakal siderites for blast furnace smelting by means of roasting. A. G. Zhuniev and others [Sbor. trud.] Nauch.-issl. inst. met. no. 4:33-43 '61.

Quality of zinc concentrates from Ural ore dressing plants and complete utilization of the raw material. K. L. Demianik. TSvet. met. 35 no 7:19-20 Jl '62.

Using turbocyclones in an ore-dressing laboratory. A. K. Kurovlev. Uch. zap. SAIGIMSa no. 5 205-217 '61.

Ways of improving the filtration of finely ground iron ore concentrates in ore dressing combines. L. P Shupov. Met. i gornorud. prom. no 2 55-59 Mr-Ap '62.

ORE DRESSING—EQUIPMENT AND SUPPLIES
(see also subdivision under Ufa; Voronezh)

Mechanized separation of viscous clays from hard rocks. E. S. Prostakov Gor zhur. no. 6,69-70 Je '62.

Present status and future development of equipment for crushing, milling and dressing ores. N.S.Sasov. Biul. tekh.-ekon. inform. Ges. nauch.-issl. inst. nauch. i tekh. inform. no. 11:3-9 '62.

ORE DRESSING—WATER SUPPLY
(see also subdivision under Zyryanovsk)

Sorption method for the removal of phenol from the waste water of ore dressing plants. V. I. Demidov. TSvet. met. 35 no. 7:13-10 Jl '62.

ORE HANDLING
(see also subdivision under Dzhezkazgan District)

Olelnikova, G. A. [Chute drawer and hauler] Liukovoi-provozhatyi. Moskva, Gosgortekhizdat, 1962. 116 p.

ORE HANDLING—EQUIPMENT AND SUPPLIES

Introduce vibration equipment on a broad scale IA B Kal'nitskii and others. Gor. zhur. no. 12:62-63 D '62.

Results of testing a new type of chute gate. O. I. Sergeev, A. M. Faktorovich. Izv. vys. uchab zav., gor. zhur. 5 no. 9:87-89 '62.

OREANDA—GUIDEBOOKS

Kudriavtseva, N. I. [Livadiya and Oreanda] Livadiia - Oreanda; ocherk-putevoditel'. Simferopol', Krymizdat, 1962. 53 p.

OREKHOVO-ZUYEVO—BOOKSELLERS AND BOOKSELLING

Plunderers behind their masks. IA. Kartashov. Sov. knizh. torg. 14 no. 9:43-45 '62.

OREL

Fertilizing field crops on leached Chernozem soils. V. P. Orlov. Zemledelie 24 no 10:51-55 O '62.

OREL—RESTAURANTS, LUNCHROOMS, ETC.

Changes in the plant cafeteria. V. Gorbanev. Obshchestv. pit. no. 10:8-9 O '62.

OREL PROVINCE—BIBLIOGRAPHY

Orel. Oblastnaia biblioteka. [Literature about Orel Province, 1958] Literatura ob Orlovskoi oblasti, 1958 god. [Orel] Orlovskoe knizhnoe izd-vo, 1959. 107 p.

Orel. Oblastnaia biblioteka. [Literature about Orel Province, 1959] Literatura ob Orlovskoi oblasti, 1959 god. [Orel] Orlovskoe knizhnoe izd-vo, 1960. 114 p.

OREL PROVINCE—CORN (MAIZE)—DISEASE AND PEST RESISTANCE

Effect of sowing dates on the vulnerability of corn by the Swedish fly and corn smut. M. A. Fedin. Zashch. rast. ot vred. i bol. 7 no. 5 29 My '62.

OREL PROVINCE—FIELD CROPS—FERTILIZERS AND MANURES

Fertilizing field crops on leached Chernozem soils. V. P. Orlov. Zemledelie 24 no. 10:51-55 O '62.

ORENBURG—EDUCATION

Tazhibaev, T. T. [The Kazakh school under the Orenburg Border Commission, 1850-1869] Kazakhskaia shkola pri Orenburgskoi pogranichnoi komissii, 1850-1869 gg. Alma-Ata, Kazakhskoe Uchpedgiz, 1961. 38 p. (MH)

ORENBURG PROVINCE—TULAREMIA

Tularemia in Orenburg Province; preliminary report [with summary in English]. L. A. Volkova, G. V. IUshkin. Zhur. mikrobiol., epid. i immun. 32 no. 12: 56-60 D '61.

ORENBURG PROVINCE—VEGETABLE GARDENING
Holes in the soil IUn nat no 10:10-11 O '62

ORENKALA—GLASSWARE
Glassware of the 8th-10th century in the Orenkala village. V. P. Fomenko Izv. AN Azerb. SSR Ser. obshchestv. nauk no. 7 31-41 '62.

ORES—SAMPLING AND ESTIMATION
(see also subdivision under Aldan Valley)
Compiling reliable systems for processing samples. IU. A. Tkachev. Izv. AN Kir. SSR Ser. est. i tekh. nauk 4 no. 3 113-131 '62

ORFF, CARL, 1895-
Premiere of Carl Orff's "Triumph of Aphrodite" O. Leont'eva Sov. muz. 26 no. 9 86-87 S '62

ORGANIC COMPOUNDS—THERMAL PROPERTIES
Karapet'iants, M. Kh., and M. L. Karapet'iants. [Tables of some thermodynamic properties of various substances] Tablitsy nekotorykh termodinamicheskikh svoistv razlichnykh veshchestv. Moskva, 1961. 163 p. (Moscow. Khimiko-tekhnologicheskii institut. Trudy, no 34)

ORGANOMETALLIC COMPOUNDS
Metallic compounds of 2-(α,N-piperidino)-4-isopropylhydroxytetrahydro-3-furanone. I. G. Tishchenko, O. R. Sverokhod, N. V. Shedov. Zhur. ob. khim. 32 no. 11 3808-3811 N '62.

Scission of cyclopentadienyl compounds of metals by bromine and potassium hypobromite A. N. Nesmeianov, N. S. Kochetkova, R. B. Materikova. Dokl. AN SSSR 147 no. 1:113-116 N '62.

ORIENTAL STUDIES
All-Union meeting of orientalists in Baku M. A. Babakhodzhaev Obshchestv. nauki v Uz. 6 no. 9 70-71 '62

ORIENTATION (ARCHITECTURE) see subdivision under Siberia, Western

ORIGIN OF SPECIES
"Species and formation of species" by G. V. Nikol'skii Book review. Priroda 51 no. 11 122 N '62.

ORTHODOX EASTERN CHURCH
(see also subdivision under Greece, Transcarpathia)
Basic principles of the "philosophy of the Orthodox Church" and their critical evaluation in the works of Russian revolutionary democrats in the 1860's V. A. Gorlianskii. Nauch. dokl. vys. shkoly, filos. nauki 5 no. 5:115-124 '62

Contemporary Orthodox falsifiers. N. Gordienko. Nauka i rel. 4 no. 10 28-31 O '62

How the Orthodox Church struggled against the Russian free press. N. IA. Eidel'man. Ist. arkh. 8 no. 1:194-198 Ja-F '62.

Immunity against poison S. Melamed Nauka i rel. 1 no. 10:46-49 O '62.

Objectives of Orthodox theology in the modern life of the Church. N. D. Uspenskii. Zhur. Mosk. Patr. no. 9 64-70 S '62.

Objectives of the Russian theological school. V. Sarychev. Zhur. Mosk. Patr. no. 9:70-78 S '62.

Services of His Holiness Patriarch Alekseii. Zhur. Mosk. Patr. no. 9:6-7 S '62.

ORTHODOX EASTERN CHURCH—CLERGY
Orthodox church view on the sacramental meaning of priesthood (to be concluded). L. Voronov. Zhur. Mosk. Patr. no. 9:53-64 S '62.

ORTHODOX EASTERN CHURCH—RELATIONS
Answers of His Holiness Patriarch Alekseii, to Mr Jean Boulier's questions. Zhur. Mosk. Patr. no. 9 11-16 S '62.

Communique on the sojourn of Michael Ramsay, Archbishop of Canterbury, in the Soviet Union. Zhur. Mosk. Patr. no. 9 7-8 S '62.

Exchange of telegrams between Michael Ramsay, Archbishop of Canterbury, and His Holiness Patriarch Alekseii. Zhur. Mosk. Patr. no. 9:8 S '62.

Letter from Professor of the Theological Department of Athens University K. Bonis, to His Holiness Patriarch Alekseii. Zhur. Mosk. Patr. no. 9:9 S '62

Letter from the Dean of the Theological Department of Athens University Andreas Firtrakis, to His Holiness Patriarch Alekseii. Zhur. Mosk. Patr. no. 9:9 S '62.

Letter of thanks from Archbishop of Canterbury Michael Ramsay, to His Holiness Patriarch Alekseii. Zhur. Mosk. Patr. no. 9:9 S '62.

ORTHOPEDIA
From the experiment to clinical surgery and orthopedics of the spine [with summary in English in insert] V. D. Chaklin. Ortop., travm. i protez 23 no. 5 3-8 My '62

Use of muscle relaxants in the clinical aspects of traumatology and orthopedics during concurrent combined anesthesia. V. I. Sokolov. Vest. khir. no. 5:81-85 '62.

ORTHOPEDIA—BIBLIOGRAPHY see Bibliography—Orthopedia

ORTHOPEDIC APPARATUS
Folding portable board for transporting patients with fractures of the pelvis and spine V. S. Smirnitskii Ortop., travm. i protez 23 no. 5 70-71 My '62

Portable apparatus for drilling bone and the insertion of a pin A. A. Birtukov Ortop., travm. i protez 23 no. 5 73-74 My '62

Simple apparatus for holding and traction of the extremities. D. A. Lutsenko Sov. med. 26 no. 6:128-129 Je '62.

ORTHOPEDIC SOCIETIES
Account of the work of the Society of Traumatologists and Orthopedists during January 1962. A. M. Belous Ortop., travm. i protez 23 no. 5 90-93 My '62

ORZHITSA DISTRICT—PLANTS, PROTECTION OF
Letters to the editor A. G. Landau. Zashch. rast. ot vred. i bol. 7 no. 3:19 Mr '62.

OSCILLATIONS
Derivation of nonstationary solutions to certain oscillatory systems. E. F. Faizullaev. Izv. AN Uz. SSR Ser. fiz.-mat. nauk 6 no. 5:25-29 '62.

Fractional step method for solving the Cauchy problem for an n-dimensional oscillation equation A. N. Konovalov Dokl. AN SSSR 147 no. 1:25-27 N '62

Propagation of flexural oscillations of finite amplitude in a plane plate. I. A. Viktorov. Akust. zhur. 8 no. 3:363-364 '62.

Stable betatron oscillations in a nonlinear magnetic field [with summary in English]. IU. F. Orlov Zhur. eksp. i teor. fiz. 43 no. 4 1309-1314 O '62.

OSCILLATORS, CRYSTAL
Case of oscillations of a piezoelectric resonator at an even harmonic of resonance oscillations along the thickness. B. A. Finagin. Akust. zhur. 8 no. 3:358-362 '62

Lateral sensitivity of noncentered vibration pickups made of piezoceramics IU. I. Iorish, K. R. TSekhanskii Izm. tekh. no. 11 26-27 N '62.

OSCILLATORS, ELECTRIC
Combinational parametrical excitation of oscillations V. V. Migulin. Radiotekh. i elektron. 7 no. 11 1962-1963 N '62

Effect of high-frequency coupling between detectors on the accuracy of a correlation method for measuring microwave generator fluctuations. S. S. Karatetskii, A. F. Emel'ianov. Radiotekh. i elektron. 7 no. 11 1896-1900 N '62.

OSCILLATORS, ELECTRON-TUBE
Methodology for the engineering design of a single-stage square wave generator. A. S. Vladimirov. Elektrosviaz' 16 no. 11 17-21 N '62

OSCILLATORS, TRANSISTOR
Analysis of a low-frequency RC-oscillator using one junction transistor. E. N. Garmash. Radiotekhnika 17 no. 11:69-73 N '62.

OSCILLOGRAPHY
Correlation method for detecting damages [with summaries in English, German, and French] B. V. Pavlov, V. A. Zmanovskii Vest. sel'khoz. nauki 7 no. 9 120-123 S '62

Interrelationship between the arterial oscillometric index and the temperature of skin [with summary in English]. P. Ozolins, R. Bergmane, I. Bieziere Izv. AN Latv. SSR no. 4 123-126 '62.

Obtaining oscillograms of the intensity of meteor brightness. D. L. Astavin-Razumin. Biul. VAGO no. 32:8-10 '62.

OSSETIA, NORTH—HOSPITALS—ADMINISTRATION
Work of the organizational and methodological office of the North Ossetian Republican Clinical Hospital. N. V. Murav'ev. Sov. zdrav. 21 no. 8:58-60 '62.

OSTEOARTHRITIS see Arthritis, Rheumatoid

OSTEOCHONDROSIS
Contraindications to certain types of exercise therapy in patients with cervical osteochondrosis, spondyloarthrosis, and hyperextension subluxation. IA. IU. Popelianskii. Vop. kur., fizioter. i lech. fiz. kul't. 27 no. 2:154-159 Mr-Ap '62.

Some mechanisms of compensation in cervical osteochondrosis [with summary in English in insert] IA. IU. Popelianskii. Ortop., travm. i protez. 23 no. 5:47-51 My '62.

OSTEOMYELITIS
Clinical importance of the diploic canals in hematogenic osteomyelitis of the frontal bone. S. S. Ivanov. Vest. khir. no. 5:69-72 '62.

Treatment of fractures, traumatic osteomyelitis and pseudarthrosis of the long tubular bones. N. N. Elanskii. Trudy 1-go MMI 7:9-20 '59.

OSTEOTOMY
Posterior osteotomy of the spine in severe kyphoses after Bechterew's disease [with summary in English in insert] Jan Červenanský Ortop., travm. i protez. 23 no. 5:8-11 My '62

OSTER—BONE CARVING
The Oster find. V. P. Dal'kevich. Kratk. soob. Inst. arkheol. no. 87 86-91 '62.

OSTROVSKII, ALEKSANDR NIKOLAEVICH, 1823-1886—HOMES AND HAUNTS
Reviakin, A. I. [Moscow in the life and work of A. N. Ostrovskii] Moskva v zhizni i tvorchestve A. N. Ostrovskogo. [Moskva] Mosk. rabochii, 1962. 544 p.

OTORHINOLARYNGOLOGICAL SOCIETIES see subdivision under Donetsk Province, Kiev Province

OTORHINOLARYNGOLOGY
Condition of the otorhinolaryngological organs in patients with latent and compensated chronic bronchitis V. S. Moshkevich. Trudy Inst. krayev. pat. AN Kazakh SSR 12 128-140 '62

Review of "The problem of idiopathic bleeding time in laryngology [in English]" R. I. Goodale Zhur. ush., nos. i gorl. bol. 21 no. 5 80 N-D '61.

Spectrum study of the luminescence of the tissues of otorhinolaryngological organs. IU. N. Ivanov, A. V. Barilakin. Biofizika 7 no. 4:460-463 '62

Twenty-second congress of the CPSU and our tasks Zhur. ush., nos. i gorl. bol. 21 no. 6 3-8 N-D '61

OTORHINOLARYNGOLOGY—EQUIPMENT AND SUPPLIES
Some reconstructive changes in the surgical microscope put out by the "Krasnogvardeets" factory A. A. Kantor, A. A. Nazarenko. Zhur. ush., nos. i gorl. bol. 22 no. 2 81 Mr-Ap '62.

Telescopic magnifying eyepieces for microsurgery. G. M. Bluvshtein Zhur. ush., nos. i gorl. bol. 22 no. 2 82-83 Mr-Ap '62.

OTOSCLEROSIS
Correlation of the calcium content in the serum and the temporal bone in otosclerosis [with summary in English]. V. P. Fomina. Zhur. ush., nos. i gorl. bol. 21 no. 6 58-61 N-D '61

OVARIES
Mechanism underlying radiation damage of the ovaries in mice. L. A. Kushchenko. Dokl. AN SSSR 147 no. 1 217-220 N '62.

OVARIES—CANCER
Malignant teratoma of the left ovary growing into the ileum. V. A. Izmailovich Zdrav. Bel. 7 no. 11:54-57 N '61.

Use of thio-TEPA in the compound treatment of malignant tumors of the ovaries [with summary in English] I. D. Nechaeva. Vop. onk. 8 no. 6:41-46 '62.

OVARIES—DISEASES
Some anatomical bases of hemorrhage from the ovaries [with summary in English]. L. E. Pitlegon. Akush. i gin. no. 1:51-54 '62.

OVARIES—SURGERY
Role of surgical interventions on the ovaries in the development of the climacteric symptom complex. R. S. Kurbatova. Akush. i gin. no. 1:17-21 '62.

OVARIES—TRANSPLANTATION
Anahormones. Report No. 2: Effect of hormonally active pituitary gonadotropins on the frequency of appearance of hyperplasia of ovarian tissue transplanted into the spleen [with summary in English] V. M. Dil'man, L. P. Blok. Vop. onk. 8 no. 6:15-18 '62.

OVARIES—TUMORS
Ciliepithelial cytomas of the ovaries [with summary in English]. V. I. Dychkov. Sov. med. 26 no. 7:111-114 Jl '62.

Pregnancy and a cyst of the ovary. A. K. Beliankina, M. N. Bogomazova. Zdrav. Bel. 8 no. 7:75-76 Jl '62.

OVENS
Russia (1917- R.S.F.S.R.) Gosudarstvennyi komitet po koordinatsii nauchno-issledovatel'skikh rabot. [Modernization of bakery ovens] Modernizatsiia pechei v khlebopekarnoi promyshlennosti. Moskva, GOSINTI, 1962. 96 p.

Technical characteristics of the KHPA-40 bakery conveyor oven L. A. Kuzmina, V. N. Lavrov. Khleb. i kond. prom. 6 no. 11:16-18 N '62

OVRUCH REGION—QUARRIES AND QUARRYING
At an enterprise of communist labor. B. S. Basevskii. Ogneupory 27 no. 11:504-509 '62.

OWLET MOTHS
(see also subdivision under Armenia)
Age changes in the larval phase of Phytometra gamma L. [with summary in English]. O. I. Merzhoevskaia. Zool. zhur. 41 no. 9:1423-1426 S '62.

OXALATES
Determination of the composition and stability constants of complex compounds by the electromigration method Part 1: Determination of the compositions and stability constants of oxalate complexes of zirconium. V. P. Shvedov, E. I. Maslov. Radiokhimiia 4 no. 4:427-434 '62.

OXALIC ACID

Alkyl aryl esters of oxalic acid. IA. N. Ivashchenko, S. D. Moshchitskii, A. V. Khimunov. Zhur. ob. khim 32 no. 11:3765-3768 N '62.

OXATHIANE

Synthesis of dimethylcyclooctithioxane. K. A Andrianov and others. Zhur. ob. khim. 32 no 10:3147 O '62

OXAZOLECARBOXYLIC ACID

Compounds with potential antitubercular activity. Part 5: Certain derivatives of 5-phenyl-2-oxazolecarboxylic acid. T. P. Sycheva, T. Kh. Trupp, M. N. Shchukina. Zhur. ob. khim. 32 no. 11:3666-3669 N '62.

OXAZOLIDINE

Synthesis of derivatives of 2-imino-5-methyl-1, 3-oxazolidine. Part II. I S. Matveev, A. E Kretov. Zhur. ob. khim. 32 no. 10:3320-3323 O '62.

OXIDATION

Alkaline oxidation of isopropylbenzene Part 6: Effect of organic acids. V A. Shmonov, M. S. Nemtsov. Zhur. ob. khim. 32 no. 10 3170-3183 O '62.

All-Union Conference on Heterogeneous Catalytic Oxidation of Organic Compounds. I. I. Ioffe. Kin. i kat. 3 no. 2 171-174 Mr-Ap '62.

Catalytic oxidation of 2, 2-dibenzanthronyl by an ozone-oxygen mixture. V. I. Plakidin and others. Kin. i kat. 3 no. 2 292-295 Mr-Ap '62.

Chemistry and technology of synthetic polymers. Modification of properties of polyethylene by the surface oxidation method. A. A Berlin, S. F. Bulnicheva, IU. L. Morozov. Plast. massy no 10 3-5 '62.

Chemistry of 2, 1, 3-thiodiazole. Part 15: Oxidation of benzo-2, 1, 3-thiodiazole by potassium permanganate. V. G. Pesin, A. M. Khaletskii, E. K. Dimchenko. Zhur. ob. khim. 32 no. 11:3505-3510 N '62.

Decomposition of hydroperoxide groups in oxidized atactic polypropylene. V. V. Dudorov and others. Izv. AN Arm. SSR. Khim. nauki 15 no. 4:311-320 '62.

Effect of preparation techniques on the specific activity of silver in ethylene oxidation. A. A. Belain, M. IA. Rubanik. Kin. i kat. 3 no. 2 201-207 Mr-Ap '62.

Effect of the medium on the oxidation of uranium IV by chlorate. L. A Fedorova, E. A. Konovalii. Radiokhimiia 4 no. 4 502-504 '62.

Formation of free radicals in autoxidation reactions photosensibilized by chlorophyll and pheophytin. V. E. Karpitskaia, L. A. Dolidze, M. S. Ashkinazi. Dokl. AN SSSR 146 no. 4:911-947 O '62.

Free radicals in the oxidation of phenols in the presence of complex catalysts. L. V. Gorbunova, M. L. Khidekel', G. A. Razuvaev. Dokl. AN SSSR 147 no. 2:368-371 N '62.

Intermediate stages of the reaction of cyclohexanol oxidation by nitric acid. I. IA. Lubianitskii, E. K. Kamyshnaia. Zhur. ob. khim. 32 no. 11:3496-3502 N '62.

Kinetics of ethylene catalytic oxidation. A. I. Kurilenko and others. Kin. i kat. 3 no. 2:208-213 Mr-Ap '62.

Kinetics of ethylene oxidation by palladium salts in aqueous solutions. M. N. Vargaftik, I. I. Moiseev, IA. K. Syrkin. Dokl. AN SSSR 147 no. 2:399-402 N '62.

Margolis, L. IA. [Heterogeneous catalytic oxidation of hydrocarbons; synthesis of monomers] Geterogennoe kataliticheskoe okislenie uglevodorodov; sintez monomerov. Moskva, Gostoptekhizdat, 1962, 246 p.

Method for evaluating the oxidability of greases. V. V. Sivitsyn and others. Zav. lab. 28 no. 11:1352-1354 '62.

Modification of hydrocarbon oxidation catalysts. L. IA. Margolis and others. Kin. i kat. 3 no. 2:181-188 Mr-Ap '62.

Modifying action of additives on the ethylene oxidation catalyst. V. E. Ostrovskii and others. Kin. i kat. 3 no. 2:189-193 Mr-Ap '62.

More on the problem of synthesis of catalysts for oxidation of paraffin wax by air. A. A. Perchenko, M. A. Morchenko, N. P. Shakhrova. Masl.-zhir prom. 28 no 7 25-27 Jl '62

Oxidation of ethylene in a fluidized bed of a catalyst. G. K. Boreskov and others. Kin. i kat. 3 no. 2:214-220 Mr-Ap '62.

Oxidation of some unsaturated hydrocarbons on copper catalysts. N. I. Popova, E. E. Vermel', F. A. Miller man. Kin. i kat. 3 no. 2:241-246 Mr-Ap '62.

Oxidation of triphenylaluminum. G. A. Razuvaev and others Zhur. ob. khim. 32 no. 10:3454 O '62.

Phase composition of mixed vanadium catalysts for the oxidation of aromatic hydrocarbons. I. I. Ioffe, Z. I. Eshkova, A. G. Liubarskii. Kin. i kat. 3 no. 2:194-200 Mr-Ap '62.

Potentiometric method for determining the oxidability of natural formation waters. S. I. IAvorskii, V. G. Timofeeva. Zav. lab. 28 no. 8:928-930 '62.

Problems in the kinetics and mechanism of heterogeneous catalytic oxidation of organic compounds. I. Ioffe. Kin. i kat. 3 no. 2:175-180 Mr-Ap '62.

Sensitization of radiochemical oxidation reactions. M. A. Proskurin. Probl. fiz. khim. no. 1:48-60 '60.

Thermal and thermal oxidative degradation of some condensation polymers. B. M. Kovarskaia Plast. massy no. 10:11-14 '62

OXIDATION, ELECTROLYTIC

Electrochemical oxidation of trivalent chromium in industrial dichromate liquors. A I. Levin, N. A. Karnaev Khim prom no 9:642-644 S '62

Experimental studies of electrochemical oxidation and solving of molybdenum [with summary in English]. A. S. Mikhailov. Geokhimiia no 9 818-825 '62.

OXIDATION, PHYSIOLOGICAL

Effect of ganglion blocking agents on oxygen tension in tissues of the superior cervical ganglion [with summary in English] N. B. Vysotskaia. Farm i toks 24 no 6. 687-690 N-D '61.

OXIDATION-REDUCTION REACTION

Application of the theory of ionic equilibria in analytical chemistry. N. P. Komar'. Zav. lab. 28 no. 8 999-003 '62.

Oxidation-reduction properties of compounds containing two ferrocenyl groups. E. G. Perevalova and others. Dokl. AN SSSR 147 no. 2:384-387 N '62.

OXIDES—THERMAL PROPERTIES

Certain crystallochemical regularities in the activated sintering of highly refractory oxides in the solid phase [with summary in English]. V A Btou. Poroshk met 2 no 5. 38-42 S-O '62.

OXIMES

Determination of rhenium with α-furyldioxime after the separation of molybdenum by the extraction with a chloroform solution of nitron. A. I. Lazarev and others. Zav. lab. 28 no. 11 1316-1319 '62.

OXYACETYLENE WELDING see Gas welding and cutting

OXYGEN

Determination of the rate constant of the reaction between atomic oxygen and ethane. V. V. Azatian, A. B. Nalbandian, TSui Men-Hsin [Tsui Meng-yuan]. Dokl. AN SSSR 147 no. 2:361-364 N '62.

Effect of oxygen on the electronic paramagnetic resonance of some coals at low temperatures. A. L. Tsitlanok, S. Z. Shul'tin. Ukr. fiz. zhur. no. 1:86-87 Ja '62.

Ledovskii, D. I. [Oxygen and hydrogen] Kislorod i vodorod. Moskva, Izd-vo "Znanie," 1962, 44 p. (Narodnyi universitet kul'tury. Estestvennonauchnyi fakul'tet, no. 10)

Simultaneous adsorption of hydrogen and oxygen on silica gel E. K. Vasil'eva, S. V. Starodubtsev. Izv. AN Uz. SSR, Ser. fiz.-mat. nauk 6 no. 5, 66-68 '62.

OXYGEN—INDUSTRIAL APPLICATIONS

Effect of basic technological factors on the loss of chromium during the blowing of a high-chromium bath with oxygen. E. I. Kadinov, S. I. Khitrik. Izv. vys. uchab. zav.: chern. met. 5 no. 10:50-58 '62.

Present state and prospects for using oxygen in certain enterprises of nonferrous metallurgy of the U. S. S. R. L. M. Bochkarev, IU. A. Bykhovskii "Tsvet. met. 35 no. 11:38-43 N '62.

Roasting of zinc sulfide concentrates using an air-oxygen blow in a fluidized bed furnace at the V. I Lenin Lead and Zinc Combine in Ust'-Kamenogorsk A. M Varlonian and others. TSvet. met. 35 no. 11:43-46 N '62.

OXYGEN—ISOTOPES

Elastic proton scattering by O^{16} nuclei P. V. Sorokin and others. Izv. AN SSSR, Ser. fiz. 26 no 6:1004-1008 Ag '62.

Lower levels of O^{17} and F^{17} in the α-model of the nucleus. Z. Malikhiz, V. G. Neudachin, IU F. Smirnov Izv AN SSSR, Ser. fiz. 26 no. 8:1060-1060 Ag '62

Quantitative spectral analysis of the isotopic composition of oxygen. B. V. L'vov, V. I. Mosichev, S. A. Semiita. Zav. lab. 28 no. 11:1322-1324 '62.

OXYGEN—SPECTRA

Shape of absorption bands in condensed oxygen (6300-4773 Å) V. I. Dianov-Klokov. Opt. i spekt 13 no. 2:200-205 Ag '62.

OXYTETRACYCLINE

Determination of oxytetracycline in feeds. V. A. Podmoskova, E. B. Petrova. Trudy Len. khim.-farm. inst. no. 15:273-275 '62.

OZEK-SUAT REGION—PETROLEUM GEOLOGY

Comparison of the results of using well polarization curves and microsounding to determine the thickness of layer no. 9 of the Ozek-Suat field. N. A Molotova. Trudy VNII no. 36:190-199 '62.

OZEROV, LEV

"Light and dark"; verse by Lev Ozerov. Reviewed by B Bobovich Oktiabr' 38 no 6:217-216 Je '62.

OZERYANY (TERNOPOL' PROVINCE)—COOPERATIVE SOCIETIES

Our front ranks. I. IAkushkin. Sov. potreb. koop. 6 no. 10, 37 O '62.

OZONE

Observation of atmospheric ozone during the solar eclipse of February 15, 1961. R. S. Stebleva. Geomag. i aer. 2 no. 1:148-152 Ja-F '62.

Spectrometric investigation of the ozone layer up to the altitude of 60 km. A. V. IAkovleva. Isk. sput. Zem. no. 14:57-66 '62

PACHYCARPINE—TOXICOLOGY

Pachycarpine poisoning. V. V. Talantov. Sov. med. 26 no. 7:135-138 Jl '62

PACIFIC AREA—ETHNOLOGY

Ethnological problems at the Tenth Pacific Science Congress. S I Kozlov Sov etn. no 5:147-151 S-O '62.

PACIFIC AREA—MILITARY BASES

Fairyland Isles. Rupert Lockwood. Nov. vrem. 20 no 19:25-26 D '62.

PACIFIC OCEAN—GREENLING

Greenlings. B M Medelkov. Ryb khoz 38 no 5 14-16 '62.

PACIFIC OCEAN—MARINE ECOLOGY

Latitudinal changes in some ecologic characteristics of the littoral population of the northwestern Pacific Ocean. O. B. Mokievskii. Vop. ekol. 4:55-57 '62.

PACIFIC OCEAN—MARINE FAUNA

Zoological investigations during the 31th cruise of the research ship "Vitiaz'" in the equatorial Pacific. M. E. Vinogradov, Z. A. Filatova. Zool. zhur. 11 no. 9 1412-1418 S '62

PACIFIC OCEAN—MARINE FLORA

Microflora of a water column in the central Pacific Ocean. IU. I. Sorokin. Okeanologiia 2 no 5:892-897 '62.

PACIFIC OCEAN—FORAMINIFERA, FOSSIL

Distribution of main benthonic species of calcareous Foraminifera in the northwestern part of the Pacific Ocean. Kh. M. Saidova. Vop. mikropaleont no 6:31 63 '62.

PACIFIC OCEAN—OCEANOGRAPHY

Oceanographic survey of the Pacific Ocean conducted by the U. S. Coast and Geodetic Survey (from "Military Engineer," nos 330, 353, 1961; "Science News Letter," no. 15, 1961). O. V. Kel'man Okeanologiia 2 no 5: 946-947 '62.

PACIFIC OCEAN—PLANKTON

Characteristics of basic planktonic communities of the Pacific Ocean. A. K. Geintits. Vop. ekol. 4:17-20 '62.

PACIFIC OCEAN—SALINITY

Formation and distribution of an intermediate layer of water with low salinity in the northern Pacific Ocean V. I. Kuksa. Okeanologiia 2 no. 5:759-762 '62.

PACIFIC OCEAN—SEISMOLOGY

General regularities in the directional main pressures acting in the focuses of earthquakes in the Pacific Ocean seismic belt. L. M. Balakina. Izv AN SSSR Ser. geofiz. no. 11:1471-1483 N '62

PACIFIC OCEAN—WALRUSES

State of the Pacific walrus population and its distribution [with summary in English]. G A Fedoseev Zool. zhur. 41 no 7:1063-1069 Jl '62

PACKAGING

(see also subdivision under Baku)

Possibility of reducing the dynamic stresses in the drive of the continuous packaging and wrapping line of the APM automatic machine. G. D. Gal'perin, L. A. Sukhoi. Izv. vys. ucheb. zav.: priborostr. tekh. no. 4:100-104 '62.

PACKED TOWERS

Highly effective packing for laboratory columns. V. A. Kaminskii. Zav. lab. 28 no. 11:1382-1383 '62.

PACKING FOR SHIPMENT

Losses on containers can be decreased I. Zolotarevskii Sov. torg. 35 no 7, 10-13 Jl '62.

PAINT SPRAYING see Spray painting

PAINTERS

Molova, N. M. [Prominent Russian artists and teachers] Vydaiushchiesia russkie khudozhniki-pedagogi. Moskva, Izd-vo Akad. khudozh. SSSR, 1962. 387 p. Illus.

PAINTING—STUDY AND TEACHING

A painter's lectures on pictorial art. IA IAvnaikyi. Ukraina no. 23-27 D '62.

PAINTING, INDUSTRIAL—EQUIPMENT AND SUPPLIES

Sectional paint shop with a rotating floor. V. Pal'm. Avt. transp. 40 no. 10:52 O '62.

PAINTING, WHITE RUSSIAN

Maslenikau, P. V. [Soviet White Russian thematic painting] Belaruski savetski tematychny zhyvapis. Minsk, Vyd-va Akad. navuk BSSR, 1962, 154 p. Illus.

PAINTINGS, ENGLISH see subdivision under Leningrad

PALATE, CLEFT

Residual deformities of the nose and upper lip after surgery for a unilateral congenital cleft. M P. Oskolkova. Zdrav. Kazakh. 22 no. 6:17-21 '62.

PALEOBOTANY
(see also subdivision under Altai Mountains, Sayan Mountains)

Age of the thermophilic relict flora in broad-leaved forests of the Russian Plain, Southern Urals, and Siberia in connection with the paleogeography of the Pleistocene and Holocene [with summary in English] G E Grosset Biul MOIP Otd. biol 67 no 3:94-109 My-Je '62

PALEOBOTANY, STRATIGRAPHIC see subdivision under Altai Mountains, Sayan Mountains

PALEOECOLOGY

A few notes on the paleoecology of nummulites. G. I. Nemkov. Vop. mikropaleont no 6:64-72 '62

PALEOGEOGRAPHY
(see also subdivision under Kuban)

Rukhin, L. B. [Fundamentals of general paleogeography] Osnovy obshchei paleogeografii. Izd. 2., perer. i dop. Pod red. E. V. Rukhinoi. Leningrad, Gostoptekhizdat, 1962, 628 p.

PALEONTOLOGY, STRATIGRAPHIC see subdivision under Azerbaijan

PALLADIUM

Coulomb excitation of the second 2^+ level of Pd^{104}. V D Vasiliev and others Izv AN SSSR. Ser fiz. 26 no 8:997-999 Ag '62.

PALLADIUM SALTS

Kinetics of ethylene oxidation by palladium salts in aqueous solutions. M. N. Vargaviik, I. I. Moiseev, IA. K. Syrkin. Dokl. AN SSSR 147 no. 2 399-402 N '62.

PALM OIL

Treatment of palm nuts (kernels) by the prepressing-continuous extraction flow sheet. I E Bezuglov, P. M. Edemskii. Masl zhir. prom. 28 no. 7:34-37 Jl '62.

PALYNOLOGY
(see also subdivision under Bol'shaya Synya Valley, Caspian Sea region, Onega Peninsula; Pechora Depression)

Holocene stratigraphy of the southern Maritime Territory and Sakhalin, based on data of spore-pollen analysis V V. Solovlev, G. G. Zdanskaia. Inform. sbor. VSEGEI no. 52,40-59 '62.

PAMIRS—GLACIAL EPOCH

On the ancient glaciation of the southeastern Pamirs. V. M. Reiman, L. F. Sidorov. Dokl. AN SSSR 147 no 2:452-453 N '62.

PANCREAS

Functional state of the pancreas in hypertension. L. S Kvint Zdrav Bel. 8 no 2 34-36 F '62

Functional state of the pancreas in organic lesions of the brain G. I. Mirzoian, E. A. Avakimova, M. TS. Megrabian. Trudy Erev. med. inst. no. 11.397-402 '60.

Structure of the pancreatic ducts V. A. Mikhailichenko. Klin. khir. no 8 52-55 Jl '62.

PANCREAS—DISEASES

Case history of complications in acute pancreatitis. I. I. Koshcher. Klin khir. no 8:72 Jl '62.

Combination of myocardial infarct with hemorrhagic pancreatitis. M. L. Avtosor, M. N. Berezhnitskii, L. A. Shvedenko Vrach delo no. 8,133 Ag '62.

PANCREAS—NECROSIS

Disseminated necrosis of the pancreas with final recovery of the patient G. D Mysh, D D. Potopchin. Klin khir. no. 8 71-72 Jl '62

\S—RUPTURE

njury to the abdomen with an isolated rupture of creas. M. P. Rovba, A. F. Sazonov. Zdrav. no. 7:80 Jl '62.

ns of a traumatic rupture of the pancreas and V P. Zakharov. Klin. khir. no. 8:75-76 Jl

—TUMORS

se hemorrhage following a pancreatic resec- slet cell adenoma M. F. Kamaev. Klin. khir. 14 Jl '62.

IC CYSTS

al of radical surgery for cyst of the pancreas. 'hillo-IAverbaum. Vest. khir. no. 8:102-103

' cyst of the pancreas. M. S. Sviatova. Klin. 8,78-79 Jl '62.

eatment of nonparasitic cysts of the pan- th summary in English]. N. E. Burov. Vest. , 5:50-55 '62.

eatment of pancreatic cysts. P. M. Rachek, no. 8 76-78 Jl '62.

cyst of the pancreas. G. D. Osniach Klin. :74-75 Jl '62.

PANORAMAS

Rogselkin, B. M. [The panorama painting "Siege of Sevastopol."] Panorama "Oborona Sevastopolia," (Gos. izd-vo izobraz. iskus. i muzykal'noi lit-ry USSR, 1961. [8] p. illus.

PAPER

Use of synthetic fibers for the manufacture of paper and nonwoven fabrics S. N. Ivanov, G. M Goiskii. Bum. prom 37 no. 10 23-26 O '62.

PAPER CHROMATOGRAPHY

The coloring substances of cacao beans and their modification in thermal processing. V S Griuner, G. D. Selezneva Izv. vys. ucheb. zav. ,pishch. tekh. no. 4:68-71 '62.

Significance of the fractional determination of bilirubin by the paper chromatography method in acute and chronic liver lesions [with summary in English]. Z. D. Shvartsman. Trudy LSGMI no. 39:31-44 '61.

Structural lignin units studied by methods of paper chromatography and spectrophotometry in the ultraviolet. L. A Kodina Dokl. AN SSSR 147 no. 1:227-230 N '62.

Study of the structural units of lignin by methods of paper chromatography and spectrophotometry in the ultraviolet region. L. A Kodina Dokl AN SSSR 147 no. 1. 227-230 N '62.

Using the Folin reagent in quantitative determination of phenol compounds by paper chromatography [with summary in English]. M. N. Zaprometov. Fiziol. rast. 9 no. 3 389-392 '62.

PAPER ELECTROPHORESIS

Electrophoretic investigation of blood plasma proteins in codfish. K. M. Khailov. Trudy MMBI no. 4:202-207 '62.

PAPERBOARD see subdivision under Aleksin

PAPERMAKING MACHINERY

Automatic moisture regulation of the paper sheet. L. M. Pin, S. V. Egorov. Bum. prom. 37 no. 10:15-20 O '62.

Automation of the new and modernized paper- and cardboard-making machines. A. D. Likhter. Bum prom. 37 no 10:9-10 O '62.

[Equipment and technology of the printing industry] Ref. zhur. Otd. vyp. 37: Obor. i tekh. poligr. proizv. no. 23 D '62.

Kugushev, I. D. [Fundamentals of the theory of the design of papermaking machinery] Osnovy teorii raschota bumagodelatel'nykh mashin; konspekt lektsii. Leningrad, Leningr. politekhn. in-t im. M. I. Kalinina. *Part 2. 1962. 117 p.*

Radioisotope automatic system of a cardboard making machine. A. S. Shamson. Bum. prom. 37 no. 10 13-15 O '62.

PAPERMAKING MACHINERY—MAINTENANCE AND REPAIR see subdivision under Sakhalin

PAPPATACI FEVER

Interrepublic conference on leishmaniasis and pappataci fever. E. S. Popova Zdrav. Turk. 6 no. 2 46 Mr-Ap '62.

PARACHUTE TROOPS

They find their wings V. Goncharov. Voen. vest. 42 no. 5:57-59 My '62.

PARACHUTISTS

A milkmaid has learned to parachute. V. Honcharenko. Ukraina no. 23 24 D '62.

PARACONIC ACID

Derivatives of paraconic acid in the Hofmann and Friedel-Crafts reactions V. B. Piskov. Zhur. ob. khim. 32 no. 10:3407-3408 O '62.

PARAFFIN WAX

More on the problem of synthesis of catalysts for oxidation of paraffin wax by air. A A. Perchenko, M A. Marchenko, N. P Shakhrova. Masl -zhir. prom. 28 no. 7:25-27 Jl '62.

PARAGANGLIA see Chromaffin system

PARALYSES

Change in the subordinate influences on the motor chronaxia of the muscles in spastic hemiparesis and athetosis [with summary in French]. Z. A. Zhelobova Zhur nevr. i psikh. 62 no 8:815-819 '62.

PARALYSIS, HYSTERICAL

Hypnotherapeutic method in hysteric gait disorders. D. M. Kutik. Zdrav. Bel. 8 no 2:30-32 F '62.

PARALYSIS, SPASTIC

Achillotomy in spastic paralysis in an experiment [with summary in English in insert]. B I. Kovalis Ortop., travm. i protez. 23 no. 8 66-69 My '62.

Use of Soviet curarelike preparations in spastic paresis during the recovery period after the insultus [with summary in French]. L. G. Stoliarova. Zhur. nevr. i psikh. 61 no. 10:1463-1468 '61.

PARALYSIS AGITANS

Pathophysiology of parkinsonism; current status of the problem. A. M. Vein Zhur nevr. i psikh 62 no 6 801-807 '62

PARAMAGNETIC RESONANCE AND RELAXATION

Effect of oxygen on the electronic paramagnetic resonance of some ions at low temperatures. A. I. Tel'tatnyk, S. Z. Shul'ma. Ukr. fiz. zhur. 7 no. 1:86-87 Ja '62.

Electron paramagnetic resonance and absorption spectra in the visible region in alcoholic and glycerine solutions of Ti^{+++} N. S Garif'ianov, A V Danilova, H R Shagidullin. Opt. i spektr. 13 no 2 212-215 Ag '62

Electron paramagnetic resonance in Gd^{3+} and Ca^{2+}. V. F. Vinokurov and others. Fiz. tver. tela 4 no. 8:2238-2241 Ag '62.

Method of molecular orbits and spin density in paramagnetic resonance. I D. Morozova Ukr. khim. 31 no. 10 1231-1236 O '62.

Paramagnetic resonance in silver free atoms captured in nonpolar media at 77°K [with summary in English] R. A. Zhitnikov, N. V. Kotcenikov, V. I Kontakov Zh. eksp. i teor. fiz. 43 no. 4:1186-1196 O '62

Paramagnetic resonance of a trivalent chromium ion in the crystal lattice of magnesium tungstate [with summary in English] V A. Atsarkin and others. Zhur eksp. i teor. fiz 43 no. 4:1272-1280 O '62

Soveshchanie po paramagnitnomu rezonansu, Kazan', 1959. [Paramagnetic resonance; papers delivered at the Conference on Paramagnetic Resonance] Paramagnitnyi rezonans; doklady. [Kazan'] Izd-vo Kazanskogo univ., 1960. 209 p.

Study of the spectra of the electronic paramagnetic resonance of irradiated polypeptide films and proteins in relation to the temperature. M. K. Pulatova. Biofizika 7 no. 4:403-408 '62.

PARAMAGNETIC RESONANCE AND RELAXATION—CONGRESSES

First international conference on paramagnetic resonance. A. A. Manenkov. Vest. AN SSSR 32 no. 11 120-121 N '62.

PARAMETRIC AMPLIFIERS

Amplification coefficient of a parametric traveling-wave amplifier using diodes with losses. A. S. Petrov. Radiotekh. i elektron. 7 no. 12:2090-2092 D '62.

PARASITES—ANIMALS, COLD-BLOODED

Temperature adaptations of endoparasitic Protozoa from some species of poikilothermic animals [with summary in English]. K. M. Sukhonova. Zool. zhur. 41 no 9 1308-1310 S '62.

PARASITES—BIRDS see subdivision under Azerbaijan

PARASITES—DUCKS see subdivision under Ukraine

PARASITES—FISHES see subdivision under Latvia

PARASITES—GEESE
(see also subdivision under Ukraine)

Impossibility of self-infection by Amidostomum in geese [with summary in English]. E. R Geller. Zool zhur. 41 no. 7:993-997 Jl '62.

PARASITES—MEALYBUGS see subdivision under Adzharistan

PARASITES—MOLLUSKS

Trematode larvae of the family Gymnophallidae Morozov, 1955 (Trematoda: Digenea) and their development I A Zolfkman. Trudy MMBI no. 4:186-201 '62.

PARASITES—MOTH FLIES

Gregarina (genus Diplocystis) in the body cavity of moth flies [with summary in English]. A. I. Ilinova. Zool zhur 41 no 7:1095-1099 Jl '62.

PARASITES—POULTRY
(see also subdivision under Turkmenistan)

Variability of the form of oocysts of chicken Coccidia and its biological significance [with summary in English]. Z. M. Kogan. Zool. zhur. 41 no. 9.1317-1325 S '62.

PARASITES—RODENTIA see subdivision under Tajikistan

PARASITES—SCALE INSECTS see subdivision under Armenia

PARASITES—SQUIRRELS

Syphacia (Symphatineria) toschevi sp. n., a new nematode from the intestines of a squirrel [with summary in English]. A. M Petrov, M. G. Baimov. Zool. zhur 41 no. 7:1103-1106 Jl '62.

PARASITES—SUSLIKS see subdivision under Kirghizistan

PARASYMPATHOLYTICS

Restoration through the use of phenamine of conditioned reflexes disrupted by cholinolytics [with summary in English]. M. N. Liniuchev, N. IA. Lukomskaia, M. IA Mikhel'son. Farm. i toks. 24 no. 6:658-664 N-D '61.

X-ray study of the action of fubromegan in dyskinesia of the biliary tract [with summary in English]. V. N. Okunevich. Trudy LSGMI no. 39.160-167 '61.

PARASYMPATHOMIMETIC SUBSTANCES

Molecular association of cholinergic substances. Part 4. S.G.Kuznetsov, L.V.Fedorova. Zhur.ob.khim. 32 no.11:3775-3778 N '62.

Optical isomers of some cholinergic substances. S.G. Kuznetsov, Z.I.Bobysheva. Zhur.ob.khim. 32 no.11:3779-3783 N '62.

PARATYPHOID FEVER

Comparative evaluation of the uninterrupted and 2-cycle methods of antibiotic therapy in typhoid-paratyphoid diseases [with summary in English]. P.I.P'iankov. Sov.med. 26 no.10:54-58 O '62.

Paratyphoid B fever in child: on with digestive infections. S.E.Shapiro, R.IA.Kireeva. Sov med. 26 no.7: 131-134 Jl '62.

PARENTERAL THERAPY

Method of preparing "fibrinolizat" for parenteral feeding of human subjects. J Kremers and others Izv AN Latv.SSR no.4:97-99 '62.

Use of L-103 hydrolysine for feeding patients with injuries of the esophagus [with summary in English] I T Battunin Zhur.ush., nos i gorl bol 22 no 2 40-42 Mr-Ap '62.

PARIS—EXHIBITIONS

Exhibition of synthetic materials in Paris. B.A. Krentsel'. Vest.AN SSSR 32 no.11:114-117 N '62.

PAROTID GLANDS—EXCISION

Removal of the parotid salivary glands in chronic inflammation of them. B.D.Kabakov, A.V.Klementov. Vest khir. no.6:64-66 '62.

PART-TIME FARMING see subdivision under Subata

PARTHENOGENESIS (ANIMALS)

Case of parthenogenetic activation of the eggs of the Kamchatka crab (Paralithodes camtschatica) kept in an aquarium. N.A.Zubkova. Dokl.AN SSSR 147 no.2:502-504 N '62.

PARTIAL DIFFERENTIAL EQUATIONS see Differential equations, Partial

PARTICLE ACCELERATORS

Effect of beam loading on the parameters of a linear electronic accelerator E L Burshtein, G.V. Voskresenskii. Atom.energ. 13 no 5:446-453 N '62.

Kolomenskii, A.A., and A.N.Lebedev. [Theory of cyclic accelerators] Teoriia tsiklicheskikh uskoritelei. Moskva, Fizmatgiz, 1962. 352 p.

Lomnev, S.P. [Methods for designing linear electron accelerators] Metody rascheta lineinykh elektronnykh uskoritelei. Moskva, Vychislitel'nyi tsentr AN SSSR, 1962. 199 p.

PARTICLE TRACK PHOTOGRAPHY see Photography, Particle track

PARTICLES (NUCLEAR PHYSICS)

Not a very serious story about a very serious problem. B. Berezinskii Nauka i zhizn' 29 no.5 94-95 My '62.

Particle flux near a rapidly moving body (sounding theory). A.M.Moskalenko. Geomag.i aer. 2 no.3, 407-424 My-Je '62.

Steady state of an axially symmetric system of charged particles. O.I.IArkovoi. Zhur.tekh.fiz. 32 no.11: 1285-1290 N '62.

PASHENNAIA, VERA NIKOLAEVNA, 1887-

Vera Nikolaevna Pashennaia. N.Tolchenova. Ogonek 40 no.45 32 N '62.

PASSERIFORMES

Future application of continually working lines of automatic live traps for studying the ecologic characteristics of some passerine birds. A.I.Koshelev. Vop.ekol. 4:122-123 '62.

PASSIVATION

Anodic passivation of metals. IA.M.Kolotyrkin. Probl. fiz.khim. no.1:81-93 '58.

Chemical passivation in alkali chromate solutions. M.V Pevnitskaia. Shor.trud.TSNIICHM no.28:109-117 '62

PASTEURELLA PESTIS

Study of the virulence and other properties of strains of Pasteurella pestis isolated in a natural focus of plague [with summary in English]. R.V.Kovaleva. Zhur. mikrobiol., epid.i immun. 32 no.12:38-43 D '61.

PASTURES AND MEADOWS

(see also subdivision under Azerbaijan; Chernyye Zemli; Khorezm Province)

Increase the productivity of forestated meadows and pastures. I.S.Balashov. Zemledelie 24 no.6:78-82 Je '62.

PASTURES AND MEADOWS—FERTILIZERS AND MANURES see subdivision under Carpathian Mountain region; Ukraine, Western

PATELLA—FRACTURE

Surgical treatment of fractures of the patella. I. A. Petukhov. Zdrav.Bel. 8 no.7:22 Jl '62.

PATENT LAWS AND LEGISLATION

"Inventions and their legal protection in the U.S.S.R." by K.K.IAichkov. Reviewed by V.IA.Ionas. Sov gos. i pravo 32 no.11:141-143 N '62

PATENT LICENSES

Russia (1923- U.S.S.R.) Komitet po delam izobretenii i otkrytii. [The established classes of patent licenses and certificates granted to Soviet inventors; and index divided into subclasses, groups, and subgroups] Ukazatel' klassov avtorskikh svidetel'stv i patentov, vydavaemykh v SSSR, s podrazdeleniem ikh na podklassy, gruppy i podgruppy. Moskva, TSentr. biuro tekhn. informatsii, 1962. 620 p.

Statute of the export-import association "Litsenzintorg." Vnesh.torg. 42 no.11:52-53 '62.

PATENTS

[Bulletin on inventions] Biul.izobr. 39 no.20 O '62.

PATHOGENIC BACTERIA see Bacteria, Pathogenic

PATHOGENIC MICRO-ORGANISMS see Microorganisms, Pathogenic

PATHOLOGY, VETERINARY see Veterinary pathology

PATOM PLATEAU—VOLCANOES

Crater on the Patom Plateau. A M Portnov. Priroda 51 no.11:102-103 N '62.

PAVLODAR PROVINCE—STATE FARMS

What we can learn from the results of this year. V Vydrin. Part.zhizn' Kazakh. 32 no.11:30-33 N '62.

PAVLOGRAD DISTRICT—ADMINISTRATIVE REMEDIES

How the public prosecutors of a district examine the complaints and claims of workers. I.Naimark Rad. pravo no.6:65-66 N-D '62

PAVLYCHKO, DMYTRO VASYL'OVYCH, 1929-

"A palm frond", verse by Dmytro Pavlychko. Reviewed by O. Buzynnyk. Ukraina no.22:19 N '62.

PAY-KHOY—BRANCHIOPODA, FOSSIL

Phyllopods from the Vorkuta series in the northeastern part of the Pechora coal-bearing basin and the Pay-Khoy. V.S.Zaspelova. Mat.po geol.i pol.iskop.Sev.-Vost.Evrop.chasti SSSR. no.2:82-113 '62.

PAY-KHOY REGION—GEOLOGY, STRATIGRAPHIC

Triassic sediments of the Khoy-Yaga Basin in the southwestern slope of the Pay-Khoy. L.L.Khaitser. Mat.po geol.i pol.iskop.Sev.-Vost.Evrop.chasti SSSR. no.2:24-41 '62.

PAYMENT

Change the procedure of payments for freight transportation. A. Dmitriev Plan.khoz 39 no 11:86-87 N '62.

Improve collective farm noncash payments through the bank. L.I.Kolychev. Uchet i fin.v kolkhoz.i sovkhoz. 19 no.11:33-36 N '62.

PEA WEEVIL

Breeding pea varieties for resistance to the pea weevil. Zashch.rast.ot vred.i bol. 4 no.6:39-40 N-D '59

PEA WEEVIL—EXTERMINATION

Dates for dusting pea fields against the weevil N.A. Telenga, E.F.Gulevatyi, T.G.Radchenko. Zashch. rast.ot vred i bol. 7 no.5:26-27 My '62.

PEACE

Answers of His Holiness Patriarch Alekseii, to Mr. Jean Boulier's questions. Zhur.Mosk.Patr. no.9:14-16 S '62.

Art and peace. Galina Ulanova Sov muz 26 no 9 5-8 S '62

The fate of the world is in the hands of the peoples. Renate Bitossi. Sov.profsoiuzy 18 no.21:40-42 N '62.

Measures for intensifying the universal Christian struggle for general disarmament and peace (statement of Russian-Orthodox members of the Central Committee of the World Council of Churches at a session of the Central Committee). Zhur.Mosk.Patr. no.9:35-37 S '62.

PEACE, SURETY OF THE see Surety of the peace

PEACH—DISEASES AND PESTS see subdivision under Armenia

PEACH BREEDING see subdivision under Chu Valley

PEAR—DISEASES AND PESTS see subdivision under Ukraine; Uzbekistan

PEAS

(see also subdivision under Georgia; Tatar A.S.S.R.)

Tiutiunnikov, A.I. [How to get high pea yields] Kak poluchit' vysokii urozhai gorokha. Moskva, Izd-vo "Znanie," 1962. 40 p. (Narodnyi universitet kul'tury. Sel'skokhoziaistvennyi fakul'tet, no. 11)

PEAS—DISEASE AND PEST RESISTANCE

Breeding pea varieties for resistance to the pea weevil. Zashch.rast.ot vred.i bol. 4 no.6:39-40 N-D '59.

PEAS—DISEASES AND PESTS

(see also subdivision under Cherkassy Province; Ukraine)

Dates for dusting pea fields against the weevil. N.A. Telenga, E.F.Gulevatyi, T.G.Radchenko. Zashch. rast.ot vred i bol. 7 no.5:26-27 My '62

Is it necessary to fumigate slightly infected pea seeds? V.I.Kolomeichuk, G.E.Sobol', P.P.Bolko. Zashch rast.ot vred i bol. 7 no.7:14-15 Jl '62

PEASANT UPRISINGS see subdivision under Japan; Poland

PEASANTRY

(see also subdivision under Georgia, Kazakhstan, Ukraine; Ural Mountain region)

Some problems concerning the genesis of capitalist forms in the farming of Russian peasants. I.D. Koval'chenko. Ist.SSSR 6 no.6:65-87 N-D '62.

PEAT

[Peat in agriculture] Torf v sel'skom khoziaistve. [By] M.N.Nikonov i dr. Moskva, Sel'khozizdat, 1962. 166 p.
(DNAL)

Sorption of radioactive cobalt by peats. V.F.Oleshko, A.I.Bordnikov, V.V.Przhbyl'skii. Radiokhimiia 4 no.4:499-502 '62.

PEAT—ANALYSIS

Akademiia nauk BSSR, Minsk. Institut torfa. [Chemistry and genesis of peat and sapropels] Khimiia i genezis torfa i sapropelei. Minsk, Izd-vo Akad. nauk BSSR, 1962. 318 p.

PEAT BOGS

From practices in the afforestation of former peateries. I.M.Patlai Visnyk sil'hosp nauky 5 no 5:109-111 My '62.

Intensive draining of peat bogs. S.G.Solopov, B.S. Sherzhukov, E.S.Gzekitser. Biul.tekh.-ekon.inform. Gos.nauch.-issl.inst.nauch.i tekh.inform. no.11:34-37 '62.

PEAT INDUSTRY see subdivision under Tosno District

PEAT MACHINERY

Mechanization of peat digging operations. N.Gavrilov. Sel'.mekh. no.11-22-23 '62.

PEAT SOILS

Bobritskii, A.T. [Vegetable gardening on peat soils] Vyrashchivanie ovoshchei na torfianikakh. [Leningrad] Lenizdat, 1961. 19 p. (Vypolniaem reshenila innvarskogo Plenuma TsK KPSS)
(DNAL)

Cultivation characteristics of forage cabbage on peat-bog soils. V.T.Makarov, G.F.Lebedeva. Zhivotnovodstvo 23 no.2:20-22 F '61.

Effect of fertilizers on the yield and quality of hay in meadows on peat soils. IA.I.TSelevych. Visnyk sil'hosp nauky 5 no.5 43-44 My '62

Growing potatoes on drained peat soils as a reliable method for improving their seed qualities S.N.Karmanov. Agrobiologiia no 5:789-790 S-O '62.

PEAT SOILS—TESTING

Limit of the bearing capacity of peat soil under an equally distributed load. A.K.Rtishov. Izv.vys.ucheb. zav.; gor.zhur. 5 no.9:37-39 '62.

PEBBLES

Movement of pebble material in the shore area. V.P. Zenkovich, A.S.Ionin. Okeanologiia 2 no.5:864-873 '62.

PECHORA—WATER SUPPLY

Sanitary and hygienic evaluation of the water supply of the city of Pechora in Pskov Province. A.N.Nur'iakhmetova, L.F.Pshennikova, V.L.IUr'eva. Trudy LSOMI no.88:173-177 '61.

PECHORA BASIN—BRANCHIOPODA, FOSSIL

Phyllopods from the Vorkuta series in the northeastern part of the Pechora coal-bearing basin and the Pay-Khoy. V.S.Zaspelova. Mat.po geol.i pol.iskop.Sev.-Vost.Evrop.chasti SSSR. no.2:82-113 '62.

PECHORA BASIN—COAL GEOLOGY

Methods for the study of paleogeographical conditions governing the formation of coal. G.M.IAroslavtsev. Mat.po geol.i pol.iskop.Sev.-Vost.Evrop.chasti SSSR. no.2:67-73 '62.

PECHORA BASIN—COAL MINES AND MINING

The new face of the Pechora Basin. M. Bogdanov. Sov. shakht. 11 no.11:24-25 N '62.

PECHORA BASIN—COAL MINES AND MINING—ACCOUNTING

Supporting intramine commercial accounting in the basic sections of Pechora Basin mines. M.A.Shvarts. Izv.vys.ucheb.zav.; gor.zhur. 5 no.9:48-52 '62.

PECHORA BAY—CODFISH

Food of the codfish Eleginus navaga of the Pechora Bay. A.V.Belova. Trudy MMBI no.4:146-152 '62.

PECHORA DEPRESSION—PALYNOLOGY

First results of the study of the spore-pollen composition of Mesozoic sediments in the northern part of the Pechora Depression. V.S. Ishchenko. Mat. po geol. i pol. iskop Sev.-Vost. Evrop. chasti SSSR. no. 2:17-23 '62

PECHORA VALLEY—FUSULINIDAE

Fusulinidae of the Upper Carboniferous in the Timan-Pechora region. P.P. Volozhanina. Vop. mikropaleont. no. 6:115-146 '62.

PECTIN

Colorimetric method of determining galacturonic acid content of pectin. T.K. Gaponenkov. Izv. vys. ucheb. zav. pishch. tekh. no. 4:160-163 '62.

PEDIATRIC SOCIETIES see subdivision under Leningrad, Murmansk

PEDIATRICS

Determination of the need for specialized care for children. R.B. Kogan, M.G. Litvinova. Sov. zdrav. 21 no. 8:20-25 '62.

PEDIATRICS—BIBLIOGRAPHY see Bibliography—Pediatrics

PEGMATITES

(see also subdivision under Aldan Plateau; Siberian Platform)

Electric separation of granites and pegmatites. N.M. Karnaukhov. TSvet. met. 35 no. 7:80-82 Jl '62.

PELICANS see subdivision under Manych-Gudilo, Lake

PELTS see Hides and skins

PELVIS—FRACTURE

Folding portable board for transporting patients with fractures of the pelvis and spine. V.S. Smirnitskii. Ortop., travm. i protez. 23 no. 5:70-71 My '62

PEMPHIGUS

Chronic benign pemphigus of the Hailey-Hailey type and its relation to the pemphigoid form of Darier's disease [with summary in English]. M.I. Per, V.G. Dadiomova. Sov. med. 26 no. 7:80-87 Jl '62.

PENATANE

Synthesis of 1,4-dibromopentane and its reaction with sodiomalonic ester. O.S. Stepanova. Zhur. ob. khim. 32 no. 10:3295-3298 O '62.

PENDULUM

Analytical study of the excitation of free-swinging pendulum. A.G. Fleer. Trudy Inst. Kom. stand., mer i izm. prib. no. 58, 101-107 '62.

New pendular device from the gravimetric laboratory of the Central Scientific Research Institute of Geodesy, Aerial Photography, and Cartography [with summary in English]. M.E. Kheifets. Trudy TSNIIGAIK no. 145 83-150 '62.

PENICILLIN

Anion exchange of penicillin with other anions in nonaqueous solutions. G.V. Samsonov, V.V. Vedeneeva, Kim Diu-chir [Kim Chu-ch'ŏl]. Trudy Len. khim.-farm. inst. no. 15:81-92 '62.

Anti-inflammatory action of penicillin in experimental acute aseptic inflammation. B.I. Vainshtein. Trudy Perm' nauch.-issl. trakh. inst. 5:153-156 '60.

Characteristics of the absorption of penicillin by ion exchange resins in relation to supplementary sorptive interaction. G.V. Samsonov, A.A. Selezneva, Van I-guan [Wang I-kuang]. Trudy Len. khim.-farm. inst. no. 15:101-101 '62.

Concentration of penicillin in the blood of animals during its administration into the medullary canal. A.T. Ivanova. Trudy 1-go MMI 7 60-66 '59.

Effect of penicillin and novocaine on osteogenesis during their intraosseous administration by way of Professor N.N. Elanskii's nail-cannula, an experimental study. V.V. Koptel'tsev. Trudy 1-go MMI 7 87-90 '59.

Effect of soy, boron and potato introduced into the composition of the fermentation media on the biosynthesis of penicillin. P.A. IAkimov, V.A. Podmostkova, E.D. Petrova. Trudy Len. khim.-farm. inst. no. 15: 63-68 '62.

Ion exchange sorption of penicillin with anion exchangers with different swelling capacities. G.V. Samsonov and others. Trudy Len. khim.-farm. inst. no. 15 93-100 '62.

Simplified methods for obtaining semiprocessed penicillin, chlortetracycline and vitamin B_{12}. L.M. Smirnova, V.A. Filippova, P.A. IAkimov. Trudy Len. khim.-farm. inst. no. 15:251-257 '62.

Study of the conditions for purifying hydrolysates and the composition of the nutrient media for the biosynthesis of penicillin on a base of carbohydrates from wood hydrolysates and agricultural wastes. P.A. IAkimov and others. Trudy Len. khim.-farm. inst. no. 15:17-22 '62.

Study of the conditions for the reversibility of the sorption of penicillin sorbed in the presence of sulfates and phosphates on the nonselective sorbing EDE-10 anion exchanger. G.V. Samsonov and others. Trudy Len. khim.-farm. inst. no. 15:75-80 '62.

Use of cotton or sunflower seed cake extracts in the biosynthesis of penicillin and tetracyclines. K.S. Danilova and others. Trudy Len. khim.-farm. inst. no. 15:31-37 '62.

Utilization of starch-potato media in the production of penicillin. P.A. IAkimov and others. Trudy Len. khim.-farm. inst. no. 15 69-74 '62.

PENICILLIN—TOXICOLOGY

Anaphylactic shock on the administration of penicillin. TS.A. Reginskaia. Zhur. ush., nos. i gorl. bol. 22 no. 2 69-71 Mr-Ap '62.

Appearance of agranulocytosis during the use of penicillin. E.M. Mairgoiz. Vrach. delo no. 8:138-139 Ag '62

Case of anaphylactic shock with a fatal outcome following an injection of penicillin. G.S. Kuvenia. Zhur. ush., nos. i gorl. bol. 22 no. 2:73-74 Mr-Ap '62

PENICILLIUM

Continuous vegetative reproduction of Penicillium chrysogenum. O.V. Krusser, Z.G. Antonova. Trudy Len. khim.-farm. inst. no. 15:45-50 '62.

Dynamics of the Penicillium protein complex during fermentation on glucose-lactose and hydrolyzate media. A.A. Baskakova, P.A. IAkimov. Trudy Len. khim.-farm. inst. no. 15:23-29 '62.

Prolonged fermentation of Penicillium chrysogenum. O.V. Krusser and others. Trudy Len. khim.-farm. inst. no. 15:51-61 '62.

Test of the strain Novyi gibrid on starch-lactose corn and cotton seed cake media. V.A. Podmostkova, E.B. Petrova, P.A. IAkimov. Trudy Len. khim.-farm. inst. no. 15, 39-43 '62.

PENKINA, ZINAIDA MIKHAILOVNA, 1861-1887

Z.M. Penkina, compiler of a complete bibliography of Russian books on the sea. E.T. Volkov, E.IU. Mikhasenok. Okeanologiia 2 no. 5:954-958 '62.

PENSIONS

Changes in pension laws. Okhr. truda i sotsial. strakh. 5 no. 10 46 O '62.

Documents proving the overall length of service. M. Zakharov. Okhr. truda i sotsial. strakh. 5 no. 10 47-48 O '62.

Kolganov, I.P. [Aid for the Factory and Plant Local Committee on pension problems] V pomoshch' komitetam FZMK po pensionnym voprosam. [Moskva] Profizdat, 1962. 62 p. (Bibliotechka profsoiuznogo aktivista, no. 11[36])

PENTADIENE

Synthesis of nitropentadiene derivatives. S.M. Kvitko, V.V. Perekalin. Zhur. ob. khim. 32 no. 10:3299-3301 O '62.

Vinylacetylene chemistry. Report No. 33. Synthesis and transformations of 1-chloro-4-methoxymethyl-2, 3-heptadiene and 1-chloro-5-methoxy-2, 3-pentadiene. S.A. Vartanian, A.O. Tosunian. Izv. AN Arm. SSR, Khim. nauki 15 no. 4:337-345 '62.

PENTADIENONE

Diene synthesis involving 1-methoxy-4-penten-3-one and 1,4-pentadien-3-one. IU.A. Arbuzov, E.M. Klimov, A.M. Korolev. Zhur. ob. khim. 32 no. 11: 3681-3687 N '62.

PENTENONE

Diene synthesis involving 1-methoxy-4-penten-3-one and 1,4-pentadien-3-one. IU.A. Arbuzov, E.M. Klimov, A.M. Korolev. Zhur. ob. khim. 32 no. 11: 3681-3687 N '62.

PENZA PROVINCE—ANTIQUITIES

The fourth and fifth-century Mordvinian burial mounds in Penza. M.P. Polesskikh. Sov. arkheol. 3 no. 4: 179-188 '62.

PENZA PROVINCE—MORDVINIANS

The fourth and fifth-century Mordvinian burial mounds in Penza. M.P. Polesskikh. Sov. arkheol. 3 no. 4: 179-188 '62.

PENZA PROVINCE—WHOLESALE TRADE

Let's strengthen cooperative wholesale trade. V. Kosorukov. Sov. potreb. koop. 6 no. 7:4-6 Jl '62.

PEPPERS

(see also subdivision under Ukraine)

Optimum time for harvesting the seed fruits of sweet pepper. G.S. Gikalo, E.A. Gikalo. Kons. i ov. prom. 17 no. 11:33-35 N '62

PEPSIN

Study of the catalytic activity of pepsin with the aid of O^{18}. L.V. Kozlov and others. Dokl. AN SSSR 146 no. 4:945-946 O '62.

PEPTIC ULCER

Anesthesia in operations for ulcerous pyloroduodenal stenosis. M.N. Khomchenko. Zdrav. Bel. 8 no. 7:68-70 Jl '62.

Case of simultaneous perforation by an ulcer of the stomach and duodenum. I.M. Berezin. Sov. med. 26 no. 7: 134-135 Jl '62.

Course of gastric and duodenal peptic ulcer; according to observations at a dispensary [with summary in English]. T.I. Dneprova. Sov. med. 26 no. 10:99-102 O '62.

A day clinic for peptic ulcer patients. N.G. Orlov. Sov. zdrav. 21 no. 9:10-13 '62.

Diagnosis and treatment of pyloroduodenal ulcerous in peptic ulcer. N.M. Khomchenko. Zdrav. Bel. 8 no. 10-12 F '62.

Hemorrhage from ulcer of the stomach with subacute perforation. IU.P. Folgenzon. Khirurgiia no. 12 115 116 '61

Hexonium and ganglieron therapy of peptic ulcer and chronic gastritis. V.V. Trusov. Sov. med. 26 no. 12 46-50 O '62.

Immediate and late results of a stomach resection for exclusion. A.V. Il'inshenko. Klin. khir. no. 8 26 29 Jl '62.

Method for using benzohexonium in treating peptic ulcer [with summary in English]. V.E. Kuzhnir. Vrach. delo no. 6:105-02 Ag '62.

Minsk mineral water in the combined treatment of peptic ulcer of the stomach and duodenum. O.A. Ivanyukovich. Zdrav. Bel. 8 no. 7 61-63 Jl '62.

Perforating gastroduodenal ulcers, based on materials from the Kutovak District Hospital, Odessa Province. G.V. IAkimenko. Klin. khir. no. 6:29-31 Jl '62

Perforation of ulcer of the duodenum into the retroperitoneal tonal space. T.S. Kirillova. Khirurgiia no. 12 114-115 '61.

Pharmacological action of salicifolium [with summary in English]. A.S. Matacheva-kaia. Farm. i toksikol. 24 no. 6 742-744 N-D '61.

State of the cardiovascular system in peptic ulcer following resection of the stomach. M.N. Tugan-skii. Vrach. delo no. 8:01-02 Ag '62.

Treatment of peptic ulcer. M.M. Korolev. Zdrav. Bel. 8 no. 7:23-24 Jl '62.

PEPTIDES

Determination of the number of free hydroxy groups in some biological objects by the method of partial acetylation [with summary in English]. G.S. Kotsubeba, A.B. Silaev. Biokhimiia 27 no. 4:809-814 Jl-Ag '62

Pyridine peptides from acid-soluble Escherichia coli fractions [with summary in English]. M.F. Khentova, T.V. Venkstern, A.A. Baev. Biokhimiia 27 no. 4 752-757 Jl-Ag '62

Study of some nucleotide-peptides in the process of development of Azotobacter vinelandii. G.N. Zaitseva and others. Dokl. AN SSSR 146 no. 4:937-940 O '62

PEPTIDES—SPECTRA

Appearance of peptide group oscillations in the infrared absorption spectra of compounds containing amino acids. IU.N. Chirgadze. Biofizika 7 no. 4:382-384 '62.

Study of the spectra of the electronic paramagnetic resonance of irradiated polypeptide films and proteins in relation to the temperature. M.K. Pulatova. Biofizika 7 no. 4:402-406 '62.

PERCENTAGE

Visual aids in teaching percentages. F.F. Lilyuchkin. Mat. v shkole no. 4 52-55 Jl-Ag '62.

PERCHLORIC ACID

Perchloric acid and its compound as catalysts in organic synthesis. Part 8: Catalytic acylation of some aryl olefins. D.A. Rozenberg and others. Zhur. ob. khim. 32 no. 10:3417-3421 O '62.

PERFUSION PUMP (HEART)

Use of extracorporeal circulation in experimental open heart surgery [with summary in English]. I.V. Maiorzok and others. Vest. khir. 87 no. 11:21-30 N '61

PERICARDITIS

Significance of a tomographic method of study in the diagnosis of constrictive pericarditis [with summary in English]. I.M. Pyltsov, A.M. Grishkevich. Sovet. med. 26 no. 10:33-36 O '62.

PERICARDIUM—SURGERY

Surgery for pericardial wounds in a district hospital. S.A. Timokhov. Khirurgiia no. 1:129-131 '62

PERICARDIUM—TUMORS

Lipoma of the pericardium. V.V. Slesarev. Zdrav. Turk. 6 no. 2:31-34 Mr-Ap '62.

PERICARDIUM—WOUNDS AND INJURIES

Wounds of the heart and pericardium in children [with summary in English]. N.G. Dan'o. Vest. khir. no. 5 27-34 '62.

PERIMETRY—EQUIPMENT AND SUPPLIES

New perimeter for objective perimetry [with summary in English]. D.I. Mitkokh. Biul. eksp. biol. i med. 54 no. 7:105-107 Jl '62.

PERIODIC FUNCTIONS see Functions, Periodic

PERIODICITY

Periodic rhythm transformation in single nerve fibers. IU.I. Arshavskii, M.V. Berkinblit, S.A. Kovalev. Biofizika 7 no. 4:440-450 '62.

PERISPORIALES see subdivision under Anna Darya Valley

PERITONITIS

Causes of peritonitis in acute intestinal obstruction, its prevention and treatment [with summary in English]. A. G. Isakhanov. Sov. med. 26 no. 7:63-66 Jl '62.

Contemporary treatment of peritonitis in middle-aged and elderly subjects. S. M. Lutsenko. Zdrav. Bel. 8 no. 7:12-16 Jl '62.

Problems in local antibiotic therapy of acute peritonitis. F. N. Maloman. Vest. khir., no. 5:58-62 '62.

PERLITE (MINERAL)

Some technical and heat-engineering parameters of the production of expanded perlite in a rotary kiln. A. Zhurbov, V. Prokhorchuk, V. Stadnyk. Bud. mat. i konst. 4 no. 5:42-45 S-O '62.

Technical and economic advantages of overall utilization of types of perlite. S. I. Kamenetskii. Stroi. mat. 8 no. 10:17-20 O '62.

PERM—RESTAURANTS, LUNCHROOMS, ETC.

The plant cafeteria is an enterprise of communist labor. P. Artorov. Obshchestv. pit. no. 10:26-27 O '62.

PERM PROVINCE—BUILDING—TECHNOLOGICAL INNOVATIONS

Overall mechanization of finishing work. N. Kaplun. Sel'. stroi. no. 10:23-24 O '62.

PERM PROVINCE—HISTORY

Kommunisticheskaia partiia Sovetskogo Soiuza. Permskii oblastnoi komitet. Partiinyi arkhiv. [Lenin's "Pravda" in the western Urals, 1912-1914; documents and materials on the history of the Perm organization of the CPSU] Leninskaia "Pravda" na Zapadnom Urale, 1912-1914 gody, dokumenty i materialy po istorii Permskoi organizatsii KPSS. Perm', Permskoe knizhnoe izd-vo, 1962. 158 p.

PERM PROVINCE—INDUSTRIAL MANAGEMENT

Analysis is the business of all workers. G. Tunin. Bukhg. uchet 19 no. 10:36-38 O '62.

PERM PROVINCE—SCHOOL SUPERVISION

Council on public education. I. Chelidinkikh. Nar. obr. no. 12:20-21 D '62.

PERMAFROST see Frozen ground

PERMYAK DIALECT—GRAMMAR

Lytkin, V. I., ed. [The Komi-Permyak language; introduction, phonetics, vocabulary, and morphology] Komi-permiatskii iazyk; vvedenie, fonetika, leksika i morfologiia. Uchebnik dlia vysshikh uchebnykh zavedenii. Kudymkar, Komi-permiatskoe knizhnoe izd-vo, 1962. 339 p.

PERNICIOUS ANEMIA

Differential diagnosis of Addison-Biermer disease from tumors of the stomach. D. E. Zamikhovskii. Zdrav. Bel. 8 no. 7:71-72 Jl '62.

Dovgiallo, G. Kh. [Pernicious anemia; Addison-Biermer disease] Zlokachestvennoe malokrovie; bolezn' Addisona-Birmera. 2., peror. izd-vo BSSR. Red. nauchno-tekhn. lit-ry, 1962. 141 p. (DNLM)

PERONOSPORALES see subdivision under Amu Darya Valley

PEROXIDASES

Nature of the phenol oxidase action of peroxidase [with summary in English]. T. M. Ivanova, B. A. Rubin. Biokhimiia 27 no. 4:622-630 Jl-Ag '62.

PEROXIDES

Polarographic method of studying the thermal decomposition of acetone diperoxide in organic solvents. B. N. Moryganov, A. I. Kalinin, L. N. Mikhotova. Zhur. ob. khim. 32 no. 11:3470-3483 N '62.

PERSIA see Iran

PERSIMMON

The common persimmon Diospyros virginiana L. (synonyms: D. colycina Andre, D. caroliniana Muhl.). V. P. Alekseev. Subtrop. kul't. no. 2:121-124 '62.

PERTURBATION

Analytic properties of contributions to the Feynman amplitude from some very simple diagrams [with summary in English]. V. Y. Kolomytsev. Ukr. mat. zhur. 14 no. 2:129-137 '62.

Integral representations in perturbation theory [with summary in English]. A. Z. Patashinskii. Zhur. eksp. i teor. fiz. 43 no. 4:1371-1377 O '62.

Local field perturbations in traps with magnetic mirrors. A. V. Nedospasov. Atom. energ. 13 no. 5:472-473 N '62.

The problem of "surface" divergences in the Bogoliubov method [with summary in English]. A. D. Sukhanov. Zhur. eksp. i teor. fiz. 43 no. 4:1400-1410 O '62.

PESTICIDES

Comminution of concentrated pesticide wetting powders in an air-jet mill. S. F. Bezuglyi, B. A. Akimov, V. G. Antonova. Khim. prom. no. 9:695-697 S '62.

PETROCHEMICALS see Petroleum chemicals

PETROGLYPHS see subdivision under Fergana

PETROLEUM see subdivision under Russia, Northern, Tatar A.S.S.R., Tuymazy region, Zainskiai region

PETROLEUM—MEASUREMENT see subdivision under Kuban

PETROLEUM—PIPELINES

Pump stations on the "Druzhba" petroleum pipeline. A. V. Zhukov, G. S. Lisinskii. Stroi. truboprov. 7 no. 10:3-5 O '62.

The Tikhoretskaya - Tuapse petroleum pipeline. G. D. Samoilovich. Stroi. truboprov. 7 no. 9:19-21 S '62.

PETROLEUM—REFINING

(see also subdivision under Tuymazy region, Bashkiria)

Industrial testing of a rotor-disk contractor. A. A. Kiazimov, A. F. Fedotova, E. G. Stepanian. Khim. i tekh. topl. i masel 7 no. 5:10-13 My '62.

Use of rotor-disk contactors in petroleum prerefining. L. V. Sabo, A. A. Petrov. Khim. i tekh. topl. i masel. 7 no. 5:14-16 My '62.

PETROLEUM AS FUEL

Increase the assistance to agriculture. Neftianik 7 no. 4:1-2 Ap '62.

Refining of heavy residual fuels by washing and separation. V. G. Nikolaeva and others. Khim. i tekh. topl. i masel 7 no. 5:26-31 My '62.

PETROLEUM CHEMICALS

Increase the assistance to agriculture. Neftianik 7 no. 4:1-2 Ap '62.

PETROLEUM GEOLOGY

(see also subdivision under Bashkiria, Caspian Depression, Caucasus; Krasnodar Territory, Kuibyshev Yar region, Kuybyshev Province, Kuban Lowland, Kura Lowland, Ozek-Suat region; Shirokaya Balka region; Tatar A.S.S.R., Uzbekistan, Siberian Platform, Ukhta region)

Accuracy of contouring lenses and thinning layers in prospecting for oil and gas fields. Trudy VNII no. 36:74-79 '62.

Analytical means of determining the accuracy of mining geometrical plans. A. M. Margolin. Trudy VNII no. 36:210-226 '62.

Basic formulas from the theory of measurements and mathematical statistics. Trudy VNII no. 36:237-249 '62.

Basic surveying problems in oil and gas production. E. F. Frolov. Trudy VNII no. 36:3-12 '62.

Blinnikov, I. A. [Oil and gas and how to search for them] Neft' i gaz i kak ikh iskat'. Izd. 2. Moskva, Gosgeoltekhizdat, 1962. 25 p. (Bibliotechka iskatelia poleznykh iskopaemykh)

Determining efficient limits in prospecting for an oil pool. E. A. Kichenko. Trudy VNII no. 36:227-236 '62.

Methodology of determining the mean arithmetic values of the parameters of a layer. I. I. Serganova. Trudy VNII no. 36:80-86 '62.

Methodology of processing a comparison of data from the neutrongamma method and porosity by core. Trudy VNII no. 36:200-206 '62.

Preliminary method of evaluating the accuracy of calculating petroleum reserves by the volume method. E. F. Frolov and others. Trudy VNII no. 36:36-56 '62.

Reliability of the value of the oil recovery coefficient determined from geological field data. M. N. Kochetov. Trudy VNII no. 36:147-153 '62.

Results of preliminary studies of the accuracy of calculating petroleum reserves. E. F. Frolov. Trudy VNII no. 36:154-186 '62.

Trends in theoretical studies in the field of oil and gas geology. M. F. Dvali. Sov. geol. 5 no. 6:3-16 Je '62.

Zoning and classification of oil and gas fields. I. O. Brod. Sov. geol. 5 no. 6:155-164 Je '62.

PETROLEUM GEOLOGY—MAPS

Effect of errors in the linear interpolation of thicknesses on the accuracy of determining the volume of reservoirs from an isopach map. M. N. Kochetov. Trudy VNII no. 36:87-96 '62.

Some factors influencing the selection of the height of cross sections of isolines on maps with various purposes. M. N. Kochetov. Trudy VNII no. 36:68-73 '62.

PETROLEUM INDUSTRY

(see also subdivision under Azerbaijan; Drogobych; Italy; Sakhalin; Tatar A.S.S.R.)

In the oil regions of our country. Neftianik 7 no. 4:28 Ap '62.

Petroleum workers in the people's democracies. Neftianik 7 no. 4:35 Ap '62.

PETROLEUM INDUSTRY—EQUIPMENT AND SUPPLIES

Oleinikov, V. A., and N. S. Zotov. [Automatic control of technological processes in the petroleum and petrochemical industries] Avtomaticheskoe regulirovanie tekhnologicheskikh protsessov v neftianoi i neftekhimicheskoi promyshlennosti. Leningrad, Gostoptekhizdat, 1962. 321 p.

PETROLEUM INDUSTRY—FIRES AND FIRE PREVENTION see subdivision under Moscow, Voronezh Province

PETROLEUM INDUSTRY—HYGIENIC ASPECTS see subdivision under Baku

PETROLEUM PRODUCTS

Automatic control of specific gravity in a flow. R. B. Gun, M. B. Rybak. Khim. i tekh. topl. i masel 7 no. 5:60-65 My '62.

PETROLEUM REFINERIES

Standardize the structural elements of petroleum refinery installations. G. V. Kurdiukov. Prom. stroi. 40 no. 9:6-9 '62.

The use of short driven concrete piles in the construction of petrochemical enterprises. A. M. Magudin, G. A. Druzhinin. Prom. stroi. 40 no. 9:35-38 '62.

PETROLEUM REFINERIES—EQUIPMENT AND SUPPLIES

Continuously introducing the latest innovations to the petroleum refining industry. I. F. Blagovidov. Khim. i tekh. topl. i masel 7 no. 5:1-4 My '62.

PETROLEUM WORKERS

A heart full of love for people. M. Pleskachevskii. Neftianik 7 no. 4:16-17 Ap '62.

Replies to the inquiries on labor legislation and Social Security. I. Resnik. Neftianik 7 no. 4:30 Ap '62.

PETROLOGY

(see also subdivision under Alaverdi region, Chu Depression, Moldavia, Sevan, Lake, Ural Mountains, Verkhoyansk Range region)

Geochemical characteristics and genesis of the fine-dispersed mass of Quaternary deposits. V. V. Dobrovol'skii. Dokl. AN SSSR 147 no. 2:466-468 N '62.

Relationship between the phase development of intrusions and assimilation. A. A. Kontuk. Mat. po geol. Tian'-Shania no. 2:101-110 '62.

PHAGOCYTOSIS

Effect of specific hemolysins on the dynamics of phagocytosis in peritoneal exudate during radiation sickness. M. S. Kostenko. Med. rad. 7 no. 7:90-92 Jl '62.

PHARMACEUTICAL SOCIETIES

Moscow Pharmacological Society and the Section on Pharmacology of the Moscow Physiological Society. Z. T. Samoilova. Farm. i toks. 24 no. 6:755-758 N-D '61.

Section on Pharmacology and Toxicology of the I. M. Sechenov Leningrad Society of Physiologists, Biochemists, and Pharmacologists. Farm. i toks. 24 no. 6:759-760 N-D '61.

PHARMACOLOGY

Anichkov, S. V., and M. L. Belen'kii. [Pharmacology of the chemoreceptors of the glomus caroticum] Farmakologiia khimioretseptorov karotidnogo klubochka. Leningrad, Medgiz, 1962. 199 p.

Control of the biological activity of preparations according to predetermined absolute limits for an average effective dose. V. P. Khaikin. Farm. i toks. 24 no. 6:748-753 N-D '61.

Problem of the pharmacodynamics of sodium hyposulfite. P. P. Gol'shenkov. Uch. zap. Mord. gos. un. no. 13:143-163 '60.

Problems of oncological pharmacology. N. V. Lazarev. Vop. onk. 8 no. 6:98-105 '62.

PHARMACOLOGY—CONGRESSES

Ninth All-Union Pharmacological Conference. Farm. i toks. 24 no. 6:754-755 N-D '61.

PHARMACY—STUDY AND TEACHING see subdivision under Ukraine

PHARYNX—DISEASES

Differential diagnosis of diphtheria of the pharynx and larynx in children. L. V. Vatl'. Zdrav. Tadzh. 9 no. 4:38-42 Jl-Ag '62.

Dysphagia and paresthesia of the pharynx [with summary in English]. A. V. Zhukovich. Zhur. ush., nos. i gort. bol. 22 no. 2:37-40 Mr-Ap '62.

PHASE CONVERTERS

Analysis of the effect of the parameters of a static phase controller on its phase angle conversion range. G. M. Ivanov. Izv. vys. ucheb. zav.; energ. 5 no. 10:33-40 O '62.

Principle of the operation of a single-phase to three-phase voltage converter with ferroresonant voltage stabilizers. E. P. Mikshis. Izv. AN SSSR. Otd. tekh. nauk. Energ. i avtom. no. 5:39-44 S-O '62.

Selection of the parameters of a static phase regulator. N. P. Kunitskii, G. M. Ivanov. Izv. vys. ucheb. zav.; elektromekh. 5 no. 10:1145-1159 '62.

PHASE RULE AND EQUILIBRIUM

Constitution diagram of the system $SnCl_2$ - NH_4Cl. S. I. Berul', M. V. Pevnitskaia. Sbor. trud. TSNIICHM no. 28:178-182 '62.

Diagram of state of cerium in the range 20 to 350°C at pressures up to 60. 10^3 Kg./cm^2 [with summary in English]. L. D. Livshits, Iu. S. Genshaft, V. K. Markov. Zhur. eksp. i teor. fiz. 43 no. 4:1262-1267 O '62.

PHASE RULE AND EQUILIBRIUM (Continued)

Distribution of silicon between the phases of Fe-Si-C alloys F. k. Tkachenko, V. F Zubarev. Lit. proizv. no 6 31-32 Ag '62

Effect of austenite grain size and the temperature of austenitization on the rate of bainite transformation (from "Iron and Steel Institute," no.2, 1961). Metalloved i term obr met no 8 56-58 Ag '62

Formation of the equilibrium regions involving three liquid phases in ternary systems. N.P. Markuzin, L.A. Nikanorova. Zhur. ob khim 32 no.11;3469-3473 N '62.

λ-Point of concentrated He^3 - He^4 solutions [with summary in English]. B. N Esel'son, V. G. Ivantsov, A. D. Shvets. Zhur. eksp. i teor. fiz 42 no. 4:944-948 Ap '62

Optical crystallography of the system K_2TiF_6 - NaCl - TiO_2. IU. M. Putilin, V. N. Galuzo, V. D. Ponomarev. Trudy Inst met. i obog. AN Kazakh. SSR 5 94-107 '62.

Phase analysis of deformed austenitic steel. V. I. Grigorkin. Izv. vys. uchseb. zav., chern. met. 5 no. 10: 110-124 '62.

Phase composition and properties of austenitic steel containing nitrogen. I. S. Rubel', M. M Britakh, V. P. Sadovnichii Metalloved i term. obr met no. 8 40-43 Ag '62.

Physical chemistry of extraction equilibria. A. M Rozen. Ekstr., teor., prim., app. no. 1:8-87 '62

Preventing the embrittlement of 25-20 type austenitic welded joints B I Medovar, M I Pinchuk Avtom. svar 15 no 10 46-49 O '62

Quasi-equilibrium extraction processes V. I Levin. Ekstr., teor., prim., app. no. 1:143-162 '62.

PHENAMINE

Potentiation with phenamine and the prevention of reserpine intoxication with aminazine in rats [with summary in English]. I. V. Markova. Biul eksp. biol. i med. 54 no 7.49-51 Jl '62.

PHENETHYLAMINE

Restoration through the use of phenamine of conditioned reflexes disrupted by cholinolytics [with summary in English] M. N. Liniuchev, N. IA. Lukomskaia, M IA Mikhel'son. Farm. i toks. 24 no. 6:659-664 N-D '61.

PHENETOLE

Alkylation of anisole and phenetole by isobutylene in the presence of BF_3. H_3PO_4. E. V. Altsova, S. V. Zavgorodnii. Zhur. ob. khim. 32 no. 11 3502-3505 N '62.

PHENOL

Recovery of benzene from absorption gases by means of by-products of phenol manufacture via cumene V. M. Kisarov, O. A Kalmakov, S. I Riabinin Khim prom. no 9 691-692 S '62

PHENOL—TOXICOLOGY

Therapeutic effect of sodium hyposulfite in the poisoning of animals with phenol or creolin. P. P. Golyshenkov. Uch zap. Mord. gos. un. no. 13 164-179 '60.

PHENOLOGY

Methods of phenological observations on synanthropic flies. A. K. Shevchenko, F. P. Shevchenko. Vop. ekol. 4 153-155 '62

PHENOLS

Free radicals in the oxidation of phenols in the presence of complex catalysts. L. V. Gorbunova, M. L. Khidekel', G. A. Razuvaev. Dokl. AN SSSR 147 no. 2, 368-371 N '62.

Pollution with phenols of the soil, subsurface waters and bottom sediments in the region of the combine "Stantsa". Z. V. Soboleva, M. A. Shvetsova, P. V Shvetsov. Trudy LSGMI no. 38:167-172 '61.

Reactions of benzenesulfonyl chloride with alcohols and *phenols*. K. A Zaits, V D Liashenko. Zhur ob khim 32 no 11 3833-3838 N '62

Using phenol extraction in studying organic complexes of sea water. K. M. Khailov. Okeanologiia 2 no. 5: 835-844 '62.

Using the Folin reagent in quantitative determination of phenol compounds by paper chromatography [with summary in English]. M. N. Zaprometov. Fiziol. rast. 9 no 3 389-392 '62.

PHENOTHIAZINE

Mazheptil treatment of chronic schizophrenia [with summary in French]. R. A. Nadzharov. *Zhur. nevr. i psikh.* 62 no. 6:921-927 '62.

PHENOXIDES

Purification of waste waters of the manufacture of copper 2, 4, 5-trichlorophenolate. R. *M. Be'cher. Khim* prom. no. 6:462-463 Je '62.

PHENYL ETHER

Diphenyl ethers. Part 3: Acyl rearrangement in the series of substituted diphenyl ethers. *IU. S. TSiain, N. A. Preobrazhenskii.* Zhur. ob. khim. 32 no. 10 3280-3284 O '62.

PHENYL PHOSPHITE

Synthesis and reesterification of diphenyl phosphite. K. A. Petrov and others. Zhur. ob. khim. 32 no. 11: 3723-3727 N '62.

PHENYLENEDIAMINE

Alloxazine and isoalloxazine series. Part 7: Interaction of alloxan with anilines and phenylenediamines. V. M Berezovskii, E. P. Rodionova, L. N. Gurko. Zhur. ob. khim. 32 no. 10 3368-3372 O '62.

PHILOSOPHY

Preface Trudy MIIT no. 165:3-4 '62.

PHILOSOPHY—BIBLIOGRAPHY see Bibliography—Philosophy

PHILOSOPHY—DICTIONARIES

"Brief explanatory philosophical dictionary" [in Moldavian] Reviewed by V Ermuratskii Komm Mold 7 no 10:76-77 O '62

PHILOSOPHY AND RELIGION

Akademiia nauk SSSR. Institut filosofii. [Present-day schools of the philosophy of religion in capitalist countries] Sovremennye religiozno-filosofskie techeniia v kapitalisticheskikh stranakh. Moskva, Izd-vo Akad. nauk SSSR, 1962. 280 p.

PHILOSOPHY OF NATURE

A. I Hertzen on the development of nature and life. Nauka i zhizn' 29 no. 5:72-74 My '62.

PHLEGMON

Diagnosis of phlegmon of the stomach P. G. Gattsuk. Khirurgiia no. 12 107-109 '61.

Phlegmon of the jejunum A. S Shapiro Khirurgiia no 12,107 '61.

PHLOGOPITE

Electron diffraction data on the structure of phlogopite-biotite B B Zvlagin, K. S Mishchenko. Kristallografiia 7 no 4,623-627 Jl-Ag '62.

PHLOROGLUCINOL

Nature of the phenol oxidase action of peroxidase [with summary in English] T M Ivanova B A Rubin Biokhimiia 27 no 4 622-630 Jl-Ag '62

PHONORECORDS see subdivision under Ukraine

PHOSPHATASES

Change in the alkaline phosphatase level in the blood under the influence of vitamin B_{12} and choline in liver cirrhosis [with summary in English]. A. I. Pozdniakova. Trudy LSGMI no. 39 146-152 '61.

Enzymatic hydrolysis of phytin in vitro and in germinating seeds [with summary in English]. A. M. Sobolev. Fiziol. rast. 9 no. 3:334-341 '62.

PHOSPHATES

Effect of deoxyribonucleic acid and diisopropyl fluorophosphate on the polarographic wave of subtilisin. I. D. Ivanov, E. E. Rakhleeva, V. G. Kryiova. Dokl. AN SSSR 146 no. 4:941-944 O '62.

Formation of acetyl phosphate in animal liver homogenates. M. F. Gulyi, T. N. Pechenova, P. D. Dvornikova. Dokl AN SSSR 146 no. 4,933-936 O '62.

PHOSPHATIDES

Changes in the level of phospholipids and cholesterol in the blood serum following a fat load in rats of various age R. Vysotskii Izv AN Latv. SSR no. 4.101-110 '62

PHOSPHAZO COMPOUNDS

Alkyl esters of phosphatocarbonic acid. G. I. Derkach and others. Zhur. ob. khim. 32 no. 11:3759-3761 N '62.

PHOSPHINE

Synthesis of chlorophenyldichlorophosphine. E. L. Gefter. Zhur. ob. khim. 32 no. 10:3401-3403 O '62.

PHOSPHINE OXIDE

Extraction of uranium with trioctylphosphine oxide. B. N. Laskorin, D. I. Skorovarov, V. V. Shatalov. Ekstr., teor., prim., app. no. 1, 163-170 '62.

Heterochain polyesters. Part 39: Role of hydrolysis of bis-(p-carboxyphenyl) methylphosphine oxychloride under interfacial polycondensation conditions [with summary in English]. V. V. Korshak, S. V. Vinogradova, U Ban-tuan' [Yu Pang-yuan]. Vysokom. soed 4 no. 9: 1320-1323 S '62.

PHOSPHINE SULFIDE

Materials on the study of the mechanism of the effect of triethylene thiophosphoramide (Thio-TEPA) on animals; the effect of small doses of Thio-TEPA on the protein composition of the blood serum in rabbits. G. Mergina. Izv. AN Latv. SSR no. 7:91-99 '62.

PHOSPHINIC ACID

Darzens reaction with ethyl ester of chloromethylphosphinic acid. V. F. Martynov, V. E. Timofeev. Zhur. ob. khim. 32 no. 10:3449 O '62.

Esters of unsaturated phosphinic acids. M. I. Kabachnik, Chzhan Zhun-fui [Chang Jung-yu], E. N. *TSvetkov*. Zhur. ob. khim. 32 no. 10:3351-3360 O '62.

Interaction of diethyl ester of phenylphosphinic acid with ethyl, β-, and γ-chloroalkylalkylalkoxysilanes. E. A. Chernyshev and others. Dokl AN SSSR 147 no. 1:117-118 N '62.

Reesterification of phosphites and phosphinites with substituted alcohols. K. A. Petrov, F. E. Nifant'ev, R. G. Golitsova. Zhur. ob. khim. 32 no. 11:3716-3720 N '62

Synthesis of some esters of diaminothiomethylphosphinic acid. M. G. Imaev, N. N. Borisova. Zhur. ob khim 32 no. 10 3360-3362 O '62

PHOSPHINIC AMIDE

Carbochain polymers and copolymers Part 41 Synthesis polymerization, and copolymerization of vinylphosphinic amides [with summary in English]. G S Kolesnikov and others. Vysokom soed. 4 no 9:1385-1389 S '62

Phosphorylation of glycerol and its derivatives by alcoholysis of dialkyl phosphinic amines. New method of a directed substitution of a cyano group for hydroxyl. K. A. Petrov, E. N Nifant'ev, L. V. Khorkhorina. Zhur. ob. khim 32 no. 11:3720-3723 N '62.

PHOSPHINODITHOIC ACID

Dimethylphosphinothioic and dimethylphosphinodithioic acids and their derivatives. T. A. Mastriukova, A. A. Shipov, M. I. Kabachnik Zhur. ob. khim. 32 no. 11 3579-3582 N '62.

PHOSPHINOTHIOIC ACID

Dimethylphosphinothioic and dimethylphosphinodithioic acids and their derivatives. T. A. Mastriukova, A. A. Shipov, M. I. Kabachnik Zhur. ob. khim. 32 no. 11: 3579-3582 N '62.

PHOSPHONITRILE CHLORIDE

Davydova, V. P., and M. G. Voronkov. ["Polyphosphazenes"; polymer and monomer phosphonitrile compounds] Polifosfazeny; polimernye i monomernye fosfonitrilnye soedineniia. Moskva, Izd-vo Akad. nauk, 1962. 86 p.

PHOSPHONIUM COMPOUNDS

Phosphorus-containing analogs of choline and acetylcholine. Part 1: Phosphorocholines and acetylphosphorocholines. K. A. Petrov and others. Zhur. ob. khim. 32 no. 11 3711-3716 N '62.

PHOSPHOPROTEIN PHOSPHATASE

Studying the dynamics of phosphoprotein phosphatase activity during the development of a chick embryo. G. T. Adonts, A. A. Simonian. Izv. AN Arm. SSR Biol nauki 15 no. 9:35-45 S '62.

PHOSPHORESCENCE

Some characteristics of the luminescence of photographic emulsions. V. M. Belous. Zhur. nauch. i prikl. fot. i kin 7 no. 5 386-388 S-O '62.

Temperature effect on the kinetics of *α-phosphorescence* of organic substances. *A. V. Arsiniov, B. IA. Svesnikov.* Opt. i spektr. 13 no. 2 222-228 Ag '62

PHOSPHORIC ACID

Derivatives of ethylenimine. Part 4: Diethylamidates of pyrimidine-2-aminophosphoric acids. A. A. Kropacheva, N. V. Sazonov, S. I. Sorglovskaia. Zhur. ob. khim. 32 no. 11,3708-3709 N '62.

Extractive properties of alkyl phosphoric acids. B. N. Laskorin, V. S. Ul'ianov, R. A. Sviridova. Ekstr., teor., prim., app. no. 1:171-187 '62.

Phosphinkol and its therapeutic value in glaucoma. D. I. Artem'ev. Trudy Turk. nauch.-issl. trakh. inst. 6: 93-106 '60.

Preparation of a tetrasodium pyrophosphate decahydrate food product based on phosphoric acid obtained by the extraction method. I. I. Gofman, K. S Zolotov, I. M. Aleksashina. Khim. prom. no. 9:630-632 S '62

Tissue therapy as a method increasing the effectiveness of phosphakol in glaucoma. D. I. Artem'ev. Trudy Turk. nauch.-issl. trakh. inst. 6:107-116 '60.

PHOSPHORIC THIAMIDE

Synthesis of cyclic stereoisomeric organophosphorus compounds. Part 3: Stereospecificity of the reaction of cyclic phosphoramide ester formation. I. Kh. Fel'dman, A. I. Berlin. Zhur. ob. khim. 32 no. 10: 3379-3381 O '62.

PHOSPHORITES see subdivision under Siberian Platform

PHOSPHOROUS ACID

Reesterification of phosphites and phosphinites with substituted alcohols. K. A. Petrov, F. E. Nifant'ev, R. G. Golitsova. Zhur. ob. khim. 32 no. 11:3716-3720 N '62.

PHOSPHORUS

Effect of nicotinic acid on the uptake of phosphorus by cotton plants [with summary in English]. A. A. Borodina, K. E. Ovcharov. Fiziol. rast. 9 no. 3:285-289 '62.

Some problems of nucleophilic substitution in the phosphorus atom in the reactivation of phosphorylated cholinesterase. S. M. Markov and others. Dokl. AN SSSR 147 no. 2:484-487 N '62.

PHOSPHORUS—ISOTOPES

Distribution of various organs and the excretion of radioactive phosphorus [with summary in English]. A. I. Kozyreva. Sov. med. 26 no. 10:89-92 O '62.

PHOSPHORUS — ISOTOPES (Continued)
Use of radioactive phosphorus isotope for marking grain cutworms and their parasites. K.V.Kamenkova, V.A. Molchanova. Vop.ekol. 4:111 '62.

PHOSPHORUS ACIDS
Esters of phosphorus acids with different radicals. Part 4: Synthesis of alkylaryl phosphites, chloro- and fluorophosphates. F.L. Makliaev and others. Zhur. ob. khim. 32 no.10 3421-3425 O '62.

PHOSPHORUS CHLORIDE
Reaction of iminoesters with phosphorus pentachloride. G.I.Derkach, L.I.Samarai, A.V.Kirsanov. Zhur.ob. khim. 32 no.11:3761-3764 N '62.

PHOSPHORUS METABOLISM
Changes in the phosphates and calcium of the blood and tissue following the administration of vitamin D_2. G.I. Kiselev. Farm.i toks. 24 no.6 738-741 N-D '61.

PHOSPHORUS ORGANIC COMPOUNDS
Interaction of N,N-dialkylaminosulfenyl chlorides with trialkyl phosphites. New method of preparing dialkyl-S-dialkylamino thiophosphates. J. Michalski, B. Pliszka. Dokl. AN SSSR 147 no.1:111-112 N '62.
Orientation of the addition and the reactivity of a vinyl group in the reactions of secondary amines with vinyl compounds of tri- and pentavalent phosphorus. M.I. Kabachnik, E.N. TSvetkov, Chzhan Zhun-lai [Chang Jung-yu]. Zhur. ob. khim. 32 no.10:3340-3350 O '62.

PHOSPHORUS ORGANIC COMPOUNDS—SPECTRA
Raman and ultraviolet absorption of spectra of some unsaturated organophosphorus compounds. E.M. Popov and others. Zhur. ob. khim. 32 no.10:3255-3260 O '62.

PHOSPHORYLATION
Oxidative phosphorylation and glycolysis in the muscle tissue [with summary in English]. N.P. Meshkova, T.IU. Lipskaia, N.A. Oreshnikova. Vop. med khim. 8 no.1:78-82 Ja-F '62.
Phosphorylation of aminoarenesulfonamides. L.P. Zhuravleva, A.V. Kirsanov. Zhur.ob.khim. 32 no.11:3752-3759 N '62.
Phosphorylation of glycerol and its derivatives by alcoholysis of dialkyl phosphinic amines. New method of a directed substitution of a cyano group for hydroxyl. K.A. Petrov, E.E. Nifant'ev, L.V. Khorkhoiana. Zhur. ob.khim. 32 no.11:3720-3723 N '62.

PHOTOCHEMISTRY
Formation of free radicals in autoxidation reactions photosensibilized by chlorophyll and pheophytin. V.E. Kartashkaia, I.A. Dolidze, M.S. Ashkinazi. Dokl. AN SSSR 146 no.4:844-847 O '62.
Study of the photochemical changes in a lecithin and glutamic acid or lecithin and glycine solution in the presence of saccharose with the use of artificial and sun light as a source of radiation [with summary in English]. O.N. Perti, K. Bahadur, N.D. Pathak. Biokhimiia 27 no.4 708-714 Jl-Ag '62.
Synthesis of polymers. Part 6: Polymerization of methyl methacrylate activated by photooxidation in the presence of sensitizers [with summary in English]. G.P. Gladyshev, S.R. Rafikov. Vysokom. soed. 4 no.9 1345-1350 S '62.
Synthesis of polymers. Part 7: Photooxidative activation of oligomeric polyacrylate ester by the visible region of spectrum [with summary in English]. S.R. Rafikov, G.P. Gladyshev. Vysokom. soed. 4 no.9.1351-1353 S '62.

PHOTOCONDUCTIVITY
Cross section of photon and electron capture by the third copper level in germanium. IU.L. Ivanov. Fiz. tver. tela 4 no.8:2271-2275 Ag '62.
Photoelectric properties of zinc and gold doped germanium. V.I. Sidorov, T.M. Lifshits. Radiotekh. i elektron. 7 no.12:2078-2085 D '62.
Trapping of nonequilibrium current carriers on a germanium surface. V.G. Litovchenko, V.I. Liashenko. Fiz. tver. tela 4 no.8:1986-1993 Ag '62.

PHOTOELECTRIC CELLS
Photoelectric solar energy converters using GaAs. A.A. Gutkin and others. Radiotekh. i elektron. 7 no.12: 2095-2096 D '62.

PHOTOELECTRIC MEASUREMENTS
Spectrum analysis of tungsten in chromium-tungsten-manganese steel by means of the FES-1 photoelectric flaw detector. E.D. Kosheleva, P.F. Lokhov. [Sbor. trud.] Nauch.-issl. inst. met. no.4:178-180 '61.

PHOTOELECTRICITY
Dependence of the quantum yield of the X-ray photoeffect from a massive cathode on the X-ray polarization state. M.A. Rumsh, V.N. Shchemelev. Fiz. tver. tela 4 no.8: 2050-2056 Ag '62.
Effect of copper impurities on the photoelectric properties of CdS monocrystals. H.A. Fedorus, V.D. Fursenko. Ukr. fiz. zhur. 7 no.1:82-83 Ja '62.
Effect of iodine and germanium admixtures on the spectral distribution of the internal photoeffect in glass like $TlAsSe_2$. A.M. Andriesh, B.T. Kolomiets, T.F. Nazarova. Fiz. tver. tela 4 no.8:2286-2288 Ag '62.
Photoneutrons from In^{115} [with summary in English]. E.S. Anashkina. Zhur. eksp. i teor. fiz. 43 no.4 1197-1201 O '62.
Stimulated photoeffect from certain dielectrics and its relation to the phenomenon of excoelectronic emission. O.D. Knab. Fiz. tver. tela 4 no.8:2193-2200 Ag '62.
Yield of photoelectrons for soft X rays. I.M. Izrailev. Zhur. tekh. fiz. 32 no.11:1362-1365 N '62.

PHOTOGRAMMETRY—EQUIPMENT AND SUPPLIES
Devices for reducing to scale in stereophotogrammetric instruments for forming connections. T.V. Drobyshev. Trudy TSNIIGAIK no.146:93-100 '62.
Use of twin-lens cameras to study solifluction processes. IU.F. Knishnikov. Inform. sbor. o rab. Geog. fak. Mosk. gos. un. po Mezhdunar. geofiz. godu no.7 156-163 '61.

PHOTOGRAPHERS, UKRAINIAN
Nikolai Kozlovskii. V. Viktorov. Sov. foto 22 no.10 20-25 O '62.

PHOTOGRAPHIC EMULSIONS
Effect of stirring on the properties of high-dispersion photographic layers. V.V. Vasil'ev. Zhur. nauch. i prikl. fot. i kin. 7 no.5:381-383 S-O '62.
Effect of structural factors on the stabilizing action of purines. IA.A. Levin, V.A. Kukhtin, V.M. Gorokhovskii. Zhur. nauch. i prikl. fot. i kin. 7 no.5:386-389 S-O '62.
Some characteristics of the luminescence of photographic emulsions. V.M. Belous. Zhur. nauch. i prikl. fot. i kin. 7 no.5:386-388 S-O '62.
Studying the aging and stabilization processes of photographic layers. Part 4: Kinetic law of the loss of sensitivity by panchromatic films in storage. V.I. Sheberstov. Zhur.nauch.i prikl.fot. i kin. 7 no.5:341-347 S-O '62.

PHOTOGRAPHIC EMULSIONS—TESTING
Effect of the concentration of the initial solution on the size of the AgBr grains. K.S. Lialikov, N.M. Voronkova. Zhur. nauch. i prikl. fot. i kin. 7 no.5:333-340 S-O '62.

PHOTOGRAPHIC INTERPRETATION
Determination of the closest points in processing aerial photographs of a mountain region. M.D. Konshin. Trudy TSNIIGAIK no.146:105-108 '62.

PHOTOGRAPHIC SENSITOMETRY
Investigating the use of light and heat action for increasing the general and spectral sensitivity of photographic layers. Zh.L. Braun. Zhur. nauch. i prikl. fot. i kin. 7 no.5:351-360 S-O '62.
Limit sensitivity and other than silver halide photographic processes. V.I. Sheberstov. Zhur. nauch. i prikl. fot. i kin. 7 no.5:394-402 S-O '62.
Sensitometric characteristics of the latent electrophotographic image on zinc oxide layers. E.A. Meskuotiene, I.Z. Plavina. Zhur. nauch. i prikl. fot. i kin. 7 no.5: 389-391 S-O '62.
Studying the aging and stabilization processes of photographic layers. Part 4: Kinetic law of the loss of sensitivity by panchromatic films in storage. V.I. Sheberstov. Zhur. nauch. i prikl. fot. kin. 7 no.5:341-347 S-O '62.

PHOTOGRAPHIC SURVEYING
Results of test operations of industrial laboratories on photogrammetric control of leveling nets. G.D. Krasheninnikov, N.A. Sokolova. Trudy TSNIIGAIK no.146: 109-120 '62.

PHOTOGRAPHY
Analogy of the reproduction characteristics in television and photography. S.B. Gurevich. Tekh. kino i telev. 6 no.11:5-15 N '62.
For general disarmament and peace. M. Alpert, G. Finlayson. Sov. foto 22 no.10 14-18 O '62.
Let's talk about your snapshots. E. Kassin. Sov. foto 22 no.10 40-42 O '62.
Limit sensitivity and other than silver halide photographic processes. V.I. Sheberstov. Zhur. nauch. i prikl. fot. i kin. 7 no.5.301-402 S-O '62.
News from everywhere. Sov. foto 22 no.10:46 O '62.
[Photography of the U.S.S.R.] Fotoiskusstvo SSSR. Moskva, Iskusstvo, 1962. [8] p. illus.

PHOTOGRAPHY—APPARATUS AND SUPPLIES
Photographic apparatus out of match boxes. V. Golovin. Nauka i zhizn' 29 no.5 104-105 My '62.

PHOTOGRAPHY—BIBLIOGRAPHY see Bibliography—Photography

PHOTOGRAPHY—COMPETITIONS
Photographic record of the space era. Sov. foto 22 no.10:1-11 O '62.

PHOTOGRAPHY—DEVELOPING AND DEVELOPERS
Effect of the density of the photographic layer darkening on the photometric equivalent. O.V. Piasetskaia, K.V. Vendrovskii. Zhur. nauch. i prikl. fot. i kin. 7 no.5: 392-393 S-O '62.
Effect of the developing on the reproduction of image details by the photographic layer (with summary in English on p.96). G.V. Derstugenov. Tekh. kino i telev. 6 no.12:48-56 D '62.
How to develop under field conditions. V. Khakhalin. Sov. foto 22 no.10 37 O '62.
Physical developing with gold center developers. IA.M. Veprik. Zhur. nauch. i prikl. fot. i kin. 7 no.5 384-385 S-O '62.

PHOTOGRAPHY—EQUIPMENT AND SUPPLIES
[Photographic and motion-picture equipment and optical instruments] Ref. zhur. Otd. vyp. 16: Foto-kinoapp. i opt. prib. nos.23-24 D '62.

PHOTOGRAPHY—EXPOSURE
New exposure meter for the motion-picture camera operator (with summary in English on p.96). D.N. Vakuliuk, I.A. Chernitskii. Tekh. kino i telev. 6 no.12 64-67 D '62.

PHOTOGRAPHY—PRINTING PAPERS
Reflex and reversal photographic papers for document copying. M.I. Sher. Zhur. nauch. i prikl. fot. i kin. 7 no.5:402-404 S-O '62.

PHOTOGRAPHY—SCIENTIFIC APPLICATIONS
Camera for the photography of moving subjects. V.K. Morgunov. Zhur. nauch. i prikl. fot. i kin. 7 no.5:348-353 S-O '62.
Methodology of observing breaker phenomena in a shoal coastal area. B.V. Shtefanakh. Trudy GOIN no.66 121-126 '62.

PHOTOGRAPHY—TESTING
Graphic analytical method of determining the parameters of the contrasty function of photographic materials. G.G. Gribakin. Zhur. nauch. i prikl. fot. i kin. 7 no.5: 390-391 S-O '62.
Investigating the physical sharpness of the photographic image. Part 2: Effect of the conditions of the carrying out of the black-and-white photographic process on the physical sharpness. IU.K. Vifanskii, IU.N. Gorokhovskii. Zhur. nauch. i prikl. fot. i kin. 7 no.5 369-379 S-O '62.

PHOTOGRAPHY, AERIAL
Analysis of the distribution of benthic biocenoses of sea shoals based on aerial photography. K.M. Petrov. Vop. ekol. 4:139-140 '62.
Concerning the taking of frequency photometric characteristics of the aerial landscape into account. A.N. Vishniakov. Zhur. nauch. i prikl. fot. i kin. 7 no.5: 359-368 S-O '62.

PHOTOGRAPHY, AERIAL—EQUIPMENT AND SUPPLIES
AFA-TEU aerial camera and testing it. V.B. Il'in, V.D. Derviz. Trudy TSNIIGAIK no.146.3-15 '62.

PHOTOGRAPHY, JOURNALISTIC
Life should be shown in all its richness; concerning photographic information in youth newspapers. G. Ognov. Sov. foto 22 no.10 18-19 O '62.
Our professional duty. T. Farkas. Sov. foto 22 no.10: 28 O '62.
Photographic record of the space era. Sov. foto 22 no.10-1-11 O '62.

PHOTOGRAPHY, LEGAL
Establishing the identity of a person from photographs. N. Zavizist. Rad pravo no.8 110-112 N-D '62.

PHOTOGRAPHY, MEDICAL
Simple method for photographing the ocular fundus [with summary in English]. I.N. Davydov, B.V. Stepanchenko. Biul. eksp. biol. i med. 54 no.7:107-108 Jl '62.

PHOTOGRAPHY, PARTICLE TRACK
Physical developing with gold center developers. IA.M. Veprik. Zhur. nauch. i prikl. fot. i kin. 7 no.5:384-385 S-O '62.

PHOTOGRAPHY, PARTICLE TRACK—DEVELOPING AND DEVELOPERS
Developing of nuclear emulsions. D.M. Samoilovich. Zhur. nauch. i prikl. fot. i kin. 7 no.5:325-332 S-O '62.

PHOTOGRAPHY, STEREOSCOPIC
Use of stereophotography to study waves in the water area of a port. G.G. Kuz'minskaia. Okeanologiia 2 no.5:903-906 '62.

PHOTOGRAPHY, SUBMARINE
Photography in muddy water. A. Rogov. Voen. znan. 38 no.11:33-34 N '62.

PHOTOGRAPHY OF ANIMALS
Answering our readers' questions. Ukraina no.22:31 N '62.

PHOTOGRAPHY OF SPORTS
The exciting moment. V. Siniavskii. Sov. foto 22 no.10:43-44 O '62.

PHOTOMETRY
Effect of the density of the photographic layer darkening on the photometric equivalent. O.V. Piasetskaia, K.V. Vendrovskii. Zhur. nauch. i prikl. fot. i kin. 7 no.5: 392-393 S-O '62.
Flame photometric determination of rubidium and strontium. A.D. Esikov, G.S. Beschastnova, G.N. IAkovlev. Biul. Kom. po opr. abs. vozr. geol. form. no.5:76-81 '62.

PHOTOMETRY (Continued)

Photometric method for evaluating textile materials of colored rubbers V.N Provorov and others Kauch i rez, 21 no 9 57-58 S '62

PHOTOMETRY, ASTRONOMICAL

Photographic photometry of Mars at large phase angles. V.A.Bronshten. Biul.VAGO no.32 15-22 '62.

Three-color photometry of stars in an area with the center at $\alpha = 16^{h}55^{m}$, $\delta = +15^{\circ}$ 3 [with summary in English]. G L, Fedorchenko. Izv Glav. astron obser AN URSR 4 no.7 113-127 '62

PHOTOMETRY, ASTRONOMICAL—EQUIPMENT AND SUPPLIES

Some parameters of modern telephotometric systems. A.L.Osherovich, S.F Rodionov. Iek.sput.Zem. no.14 69-73 '62.

PHOTONS

Origin of high-energy cosmic muons and photons and the hyperon hypothesis [with summary in English] IU. D. Kotov, I L Rozental' Zhur. eksp i teor fiz 43 no 4 1411-1418 O '62

Photoproduction of π^{0}-mesons at high energies [with summary in English]. V M Arutiunian. Zhur eksp i teor. fiz 42 no 4 1112-1114 Ap '62.

PHOTONS—SCATTERING

Compton effect on a proton in the dipole approximation [with summary in English] V.K. Fedianin. Zhur eksp. i teor fiz 42 no 4 1038-1046 Ap '62.

PHOTONUCLEAR REACTIONS

Elastic production of π^{0}-photomesons on carbon at an energy of 155 Mev. [with summary in English]. B. B. Govorkov, S. P Denisov, E. V. Minarik. Zhur. eksp. i teor. fiz. 42 no. 4.1010-1012 Ap '62.

Photoproduction of π^{0}-mesons on hydrogen and deuterium in the region of small angles A S Belousov and others Zhur eksp. i teor. fiz. 43 no 4 1550-1552 O '62

PHOTOPERIODISM

Characteristics of the phasic development of dual-purpose barley. P. V Barannikov Agrobiologiia no. 5: 785-786 S-O '62

Photoperiodic reaction of shoots from the aftergrowth of perennial tillering grasses to the shorter summer and fall day and its importance to the plants over the winter V V. Skripchinskii Trudy Stavr sel'khoz inst no 9 21-31 '60

"Photoperiodism and seasonal development of insects" by A S Danilevskii. Reviewed by E.S Smirnov. Zool. zhur 41 no.7 1113-1115 Jl '62.

"Photoperiodism and seasonal development of insects" by A.S Danilevskii. Reviewed by V.I Kuznetsov. Ent. oboz 41 no.2 479-481 '62.

Role of the day-length in the control of the generation number and diapause of the codling moth Laspeyresia pomonella L. G.G.Shel'deshova. Dokl.AN SSSR 147 no 2:480-483 N '62.

Significance of the length of day in vernalizing plants. V.I. Razumov, T.V Olsinikova. Agrobiologiia no. 5: 666-675 S-O '62

PHOTOSYNTHESIS

Analysis of the kinetics of gas exchange of illuminated plants, theory of the problem [with summary in English]. O.D. Bykov. Fiziol. rast. 9 no. 3 325-333 '62.

Characteristics of photosynthesis in sunflower varities with high and low oil content [with summary in English]. B.F. Zhirnov. Fiziol rast 9 no. 3:318-324 '62.

Effect of the water balance and mineral nutrients on the photosynthesis of plants in relation to the yield [with summary in English]. N.S. Petinov, Shan' Lun' [Shan Lun]. Fiziol. rast. 9 no. 3:309-317 '62.

Photosynthesis and some other physiological processes in corn as affected by various pH of the medium. S S. 'ogiia no. 5.729-733 S-O '62.

spiration of spruce under various V Guildova. Trudy Inst. less i

sphy " L. Makhukhina. Sov.

IRY

mnastics following the plastic facial nerve to the phrenic E. P. Makuni. Vop. kur., 27 no. 2 151-153 Mr-Ap

dne blue in printing. A. S. kst. prom 22 no 11:56-58

e-phenanthrene fraction for the one, phthalic and maleic anhy- G.D.Kharlampovich, G.F. no.2:289-291 Mr-Ap '62.

lnik. Pozh. delo 8 no. 11:

Production of phthalic anhydride by the liquid phase oxidation of o-xylene. Kh E. Khchetian and others. Khim. prom. no 6 392-396 Je '62

PHTHALIMIDE

An unusual trial Albert de Coninck Nov vrem 20 no. 48 22 N '62

PHTHALIMIDE—SPECTRA

Universal intramolecular interactions and their effect on the position of the electron spectra of molecules in two-component solutions Part 6 Dipole moments and the molecular structure of certain phthalimide derivatives in the ground state and in the first excited electron state N G Bakhshiev. Opt i spektr 13 no 2 192-199 Ag '62.

PHTHIVAZIDE

Clinical observations of the action of phthivazide in Botkin's disease A. K. Sheina. Vrach. delo no. 8:72-75 Ag '62.

PHYSICAL EDUCATION AND TRAINING

All-Union Physical Culturists' Day. Teor. i prak. fiz kul't. 25 no. 8:1-4 Ag '62.

Dependence of sports achievements on respiration and blood circulation. A P. Borisov. Teor. i prak. fiz. kul't. 25 no. 6 27-30 Je '62.

Greater loads are the basis of sports training. M.IA. Gorkin. Teor. i prak. fiz. kul't. 25 no. 6:45-48 Je '62.

Lenin Communist Youth League and physical education. Teor. i prak fiz. kul't. 25 no. 6.1-7 Je '62.

Physical culture as a curative factor under polar night conditions. B.A. Korolev. Vop. kur., fizioter. i lech. fiz. kul't. 27 no. 2:168-169 Mr-Ap '62.

Radiotelecleleotrocardiographic investigation during execution of heavy physical exercises. I I. Knipaev. Teor. i prak. fiz. kul't. 25 no 6:65-66 Je '62.

Some problems in publicizing physical education and sports. V. D. Mikhailov. Teor. i prak. fiz. kul't 25 no. 8:5-8 Ag '62.

Theoretical basing of modern methodology in training in rapidity of movements. V M. Zatsiorskii, V. P. Filin. Teor. i prak. fiz. kul't. 25 no. 6:23-27 Je '62.

Third Plenum of the Central Council of the Volunteer Sport Society, "Urozhai," of the Russian Federation. Teor. i prak. fiz. kul't. 25 no. 6 77-79 Je '62.

Training on an elastic net. G.G. Mazurov. Teor. i prak. fiz. kul't. 25 no. 6:60-62 Je '62.

Work of the physical education organizations of the R.S.F.S.R. in the development of national forms of sport. G.Sh. Absaliamov. Teor. i prak. fiz kul't. 25 no. 8.10-13 Je '62.

PHYSICAL EDUCATION AND TRAINING—ADMINISTRATION

Conference on method for teachers, trainers, and physicians in physical education and sports. M. M Kruglyi. Teor. i prak. fiz. kul't. 25 no. 8:76-77 Ag '62.

PHYSICAL EDUCATION AND TRAINING—BIBLIOGRAPHY see Bibliography—Physical education and training

PHYSICAL EDUCATION AND TRAINING—CONGRESSES

All-Union Conference on Mass Physical Education and Health Improvement Work. G. S. Kocharian. Teor. i prak. fiz. kul't. 25 no. 8:73-75 Ag '62.

Conference of teachers of physical education in the higher educational institutions of Moscow. V. B. Korenberg. Teor. i prak. fiz. kul't. 25 no. 8:78-79 Ag '62.

PHYSICAL EDUCATION AND TRAINING—DICTIONARIES

"Encyclopedic dictionary in physical education and sports. Vol. I. Reviewed by F. G. Shalgin. Teor. i prak. fiz. kul't. 25 no. 8:48-49 Ag '62.

PHYSICAL EDUCATION AND TRAINING—PERIODICALS see subdivision under Poland

PHYSICAL EDUCATION AND TRAINING—RESEARCH

Competition for the best experimental work. A. Ivanin. Teor. i prak. fiz. kul't. 25 no. 6:74-75 Je '62.

PHYSICAL EDUCATION AND TRAINING—TEACHER TRAINING
(see also subdivision under Vietnam, South)

Regulation of the system for developing occupational and pedagogical skills in the process of teaching students in physical education institutes. B. S. Gramenitskii. Teor. i prak. fiz. kul't. 25 no. 8:8-13 Ag '62.

PHYSICAL EDUCATION AND TRAINING, MILITARY

Is it only a matter of fatigue? B. Shtandel'. Starsh. serzh. no. 9:36-37 S '62.

PHYSICAL EDUCATION FOR CHILDREN

Duration of the phase of the cardiac cycle during rest and following physical stress in young children. K. F. Kun. Teor. i prak. fiz. kul't. 25 no. 8:67-69 Ag '62.

Electrocardiogram in athletes of the Suvorov Military School. A. A. Matyshev. Teor. i prak. fiz. kul't. 25 no. 6:69-70 Je '62.

Noticeable difference. S. Artamonovskii. Nar. obr. no. 12:73-74 D '62.

Physical education of children of preschool age. I V Khukhlaeva. Teor. i prak. fiz. kul't. 25 no 6 14-17 Je '62.

Senior-grade students give physical education lessons. S. Dem'ianchuk Nar. obr. no 12:72-73 D '62

A seven-year-old motorcyclist. M. Kopychenko. *Ukraina no 23 31 D '62.*

This is the direction. B. Sobinov Nar. obr. no 12 71-72 D '62

Use of active games and physical exercises in the active rest of young boarding school pupils. A A Grozhalskaia Teor. i prak. fiz. kul't. 25 no. 6 31-34 Je '62

PHYSICAL GEOGRAPHY
(see also subdivision under Kizhanov District, Klinsko-Dmitrovskaya Ridge, Kizhmyanak Territory; Mangyshlak Peninsula, Ust-Ural, Voronezh Valley)

Present state of the teaching of geographical zones. F. N Mil'kov. Izv Vses. otd. Geog. ob-va no. 5 J 14 '62

PHYSICAL INSTRUMENTS

Apparatus for the demonstration of pressure in liquids. Fiz. v shkole 22 no. 2:00 Mr-Ap '62.

PHYSICAL LABORATORIES—EQUIPMENT AND SUPPLIES

Electric equipment of the physical laboratory in a school not provided with electric current. V. I Dmitriev. Fiz. v shkole 22 no. 2:78-80 Mr-Ap '62

PHYSICAL METALLURGY—CONGRESSES

Ukrainian Republic conference on the ordering of alloys and its effect on alloy properties. A. A. Gul'denberg Metalloved. i term. obr. met. no 8:50-60 Ag '62

PHYSICAL OPTICS see Optics, Physical

PHYSICAL THERAPY

Contribution of N. A. Vel'laminov and his school to physical therapy. G. L. Magaramik. Vop. kur., fizioter i lech. fiz. kul't. 27 no. 2:163-169 Mr-Ap '62.

PHYSICIANS

Medical personnel requirements and the extent they are met. F.S. Riukhov. Sov. zdrav. 21 no. 8 30-35 '62.

Nikanorkin, A. I. [People of great deeds; Shumy Iowa, Doctor without medicines, Scalpel versus sword] Liudi podviga; Solnechnyi gorodok, Doktor bez lekarstv, Skal'pel' protiv mecha. Simferopol', Krymizdat, 1962. 176 p.

PHYSICS

Karitskin, N. I., K. N. Bystrov, and P. S. Kireev. [Brief handbook on physics] Kratkii spravochnik po fizike. Moskva, Vysshaia shkola, 1962. 650 p.

Pereyshkin, A. V., and others. [Physics; a textbook for grade 6 in the secondary school] Fizika; uchebnik dlia VI klassa srednei shkoly. Pod obshchei red E. IA. Minchenkova i A. V. Peryshkina. Izd. 3. Moskva, Gos. uchebno-pedagog. izd-vo, 1961. 190 p. illus (TNJ)

[Physics class work for students of medical institutes] Praktikum po fizike; [dlia meditsinskikh vuzov. By] M. A. IUr'ev i dr. Moskva, Gos. izd-vo "Vysshaia shkola," 1962. 260 p.

PHYSICS—COMPETITIONS

Olympiad of young physicists. N. G Igolenko, N. Pisarskii. Nar. obr. no. 12:132-135 D '62.

PHYSICS—PHILOSOPHY

Glukhova, A. A., and A. M. Dzhigkaev. [Significance of V. I. Lenin's analysis of the revolution in physics for the struggle against idealism and mechanism] Znachenie leninskogo analiza revoliutsii v fizike dlia bor'by protiv "fizicheskogo" idealizma i mekhanizma. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1962. 257 p.

PHYSICS—STUDY AND TEACHING

Connection between the educational work in physics and the decisions of the 22d Congress of the CPSU. N. I. Spiriaev. Fiz. v shkole 22 no. 2:61-62 Mr-Ap '62.

Development of students' inclinations and abilities for the study of physics. M. I. Rosenberg. Fiz. v shkole 22 no. 2:40-45 Mr-Ap '62.

Extracurricular work in physics in the preparation to school evenings. V. A. Gorelov. Fiz. v shkole 22 no. 2:57-58 Mr-Ap '62.

Grading of laboratory work in physics. Fiz. v shkole 22 no. 2:36-40 Mr-Ap '62.

Lectures and quizzes in evening schools. A. M. Bel'skova. Fiz. v shkole 22 no. 2:67 Mr-Ap '62.

Let's overcome formalism in students' knowledge. P. N. Leshchenko. Fiz. v shkole 22 no. 2:34-36 Mr-Ap '62.

Measuring the knowledge of students in the schools for working youth. N. B. Shimkin. Fiz. v shkole 22 no. 2: 65-67 Mr-Ap '62.

Method of setting up problems in physics lessons. F. F. Lavrik. Fiz. v shkole 22 no. 2:75-76 Mr-Ap '62.

"Newton's laws," a new educational film. V. A. Grigoriat. Fiz. v shkole 22 no. 2:45-46 Mr-Ap '62.

Physics students in schools. Z. Sh. Zinatullina. Vest. vys. shkoly 20 no. 11:75-78 N '62.

Quiz system of measuring students' knowledge in physics. T. I. Shamova. Fiz. v shkole 22 no. 2:62-64 Mr-Ap '62.

PHYSICS — STUDY AND TEACHING (Continued)

Stimulating the thought of students in physics lessons. M. M. Pospelov. Rad. shk, 41 no. 10 18-21 O '62.

Student conference on the physics of a lathe. S. B. Marguiis. Fiz. v shkole 22 no. 2,50-60 Mr-Ap '62.

The study of physics and the work of students in school workshops G. Makeeva. Nar asv. no 10 51-54 O '62

Studying the concept of mass in the sixth grade. IA. D. Cilienko. Fiz. v shkole 22 no. 2;67-68 Mr-Ap '62.

Studying the Gay-Lussac law. B. F. Eritspokhov. Fiz. v shkole 22 no. 2;76-77 Mr-Ap '62.

Subject plan assignment and quizzes. K. I. Panich. Fiz. v shkole 22 no. 2;64-65 Mr-Ap '62.

Testing students' knowledge of physics in the senior grades of secondary schools V. A Pologrudov. Fiz. v shkole 22 no. 2;71-75 Mr-Ap '62.

Wall paper of a physics club. G. N. Rogachev. Fiz. v shkole 22 no. 2;78 Mr-Ap '62.

Widely spread mistake in academic literature on physics. L. Kul'vetass. Fiz. v shkole 22 no. 2;89-90 Mr-Ap '62.

PHYSIOLOGICAL APPARATUS

Continuous registration of the blood pressure in wakeful experimental animals [with summary in English]. K. Károly Thurányszky. Biul. eksp. biol. i med. 54 no. 7;99-102 Jl '62.

Method for the objective registration of response reactions of the body following adequate stimulation of the vestibular analyzer (in an experiment) [with summary in English]. V. E. Busygin, IU. G. Grigor'ev. Biul. eksp. biol. i med. 54 no. 7,102-104 Jl '62.

PHYSIOLOGICAL OXIDATION see Oxidation, Physiological

PHYSIOLOGY—LABORATORY MANUALS

Tekutov, P. F. [Laboratory manual on human and animal physiology] Praktikum po fiziologii cheloveka i zhivotnykh; posobie dlia pedagogicheskikh institutov. Izd. 2., ispr. i dop. Moskva, Uchpedgiz, 1962. 230 p.

PHYSOPODA see Thrips

PHYTIN

Enzymatic hydrolysis of phytin in vitro and in germinating seeds [with summary in English]. A. M. Sobolev. Fiziol. rast. 9 no. 3,334-341 '62.

PHYTOGEOGRAPHY see subdivision under Chelyabinsk Province; Georgia

PHYTOGEOGRAPHY—MAPS

Map of geobotanical zoning of Moscow Province and adjacent provinces in V. V Alekhin's book (1947). P. P. Zhadova. Biul. MOIP, Otd biol 67 no. 3;131-133 My-Je '62.

PHYTONCIDES

Apparatus for producing volatile phytoncide fractions. A. L. Gerasimov. Zhur. ush., nos. i gori. bol. 21 no 6, 70-71 N-D '61.

PHYTOPHAGA

Evaluation of the effect of individual feed components on the development of phytophagous insects bred on artificial media [with summary in English]. N. M. Edel'man. Zool. zhur. 41 no. 7;1013-1027 Jl '62.

PHYTOPHAGA—HOST PLANTS

Methods of studying the food plants of phytophagous insects. V. F. Palii. Vop. ekol. 4;137-139 '62.

PHYTOPLANKTON see subdivision under Barents Sea

PIA MATER

Change in the argyrophil substance of the connective tissue of the pia mater during the period of intrauterine development. E. A. Odintsova. Zdrav. Bel. 8 no. 7; 50-51 Jl '62.

Morphological and physiological characteristics of the pigmentation of brain membranes in the suslik Spermophilopsis leptodactylus Licht. [with summary in English]. V. E. Sokolov. Zool. zhur. 41 no. 7;1108-1110 Jl '62.

PIANO—INSTRUCTION AND STUDY—JUVENILE

Mikhelis, V. L. [Beginning lessons for the young pianist] Pervye uroki iunogo pianista; ocherk metodiki obuchenila i vospitaniia. Leningrad, Muzgiz, 1962. 61 p. (V pomoshch' pedagogu-muzykantu)

PIATIGORSK—BAKERS AND BAKERIES

Our efficiency promoters. A. I. Mal'tsev. Khleb. i kond. prom. 6 no. 11;34-35 N '62.

PICOLINE

Synthesis, properties, and antibacterial activity of some picolinamidrazones. A. Spasov, E. Golovinskii. Zhur. ob. khim. 32 no. 10;3394-3400 O '62.

PIECEWORK

Advantages of the piecework bonus wage system M. Mitrokhin. Ekon. sel'khoz. 33 no. 10 35-41 O '62.

PIEZOELECTRICITY

Band structure and piezoresistance effects in PbTe and PbSe. G. L. Bir, G. E. Pikus. Fiz. tver. tela 4 no. 8; 2243-2252 Ag '62.

Effects of piezoresistance in PbS-PbTe type crystals. G. E. Pikus, G. L. Bir. Fiz. tver. tela 4 no. 8;2090-2108 '62.

PIGALEV, IVAN ALEKSANDROVICH, 1891-1962

In memoriam I. A. Pigalev. Med. rad 7 no. 7 97 Jl '62

PIGGYBACK TRANSPORTATION

Kogan, L. A., G. P. Efimov, and T. I. Petrova. [Demountable truck trailers and high-capacity containers] Kontreilery i krupnotonnazhnye kontieinery. Moskva, Vses. Izdatel'sko-poligr. ob"edinenie M-va putei soobshchenila, 1962. 185 p. (Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut zheleznodorozhnogo transporta. Trudy, no. 238)

PIKAS see subdivision under Terskei Ala-Tau

PIKE PERCH

(see also subdivision under Don River)

Role of the inner (primary) egg membrane in pike perch [with summary in English]. O. D. Romanycheva Zool. zhur. 41 no. 9 1432 S '62.

PILING (CIVIL ENGINEERING)

The use of short concrete piles with a pedestal formed by blasting. A. T. Osadchii, V. A. Polishchuk Prom. stroi 40 no 9 38-40 '62

The use of short driven concrete piles in the construction of petrochemical enterprises. A. M. Lagudin, G. A. Druzhinin. Prom stroi. 40 no. 9;35-38 '62

PILING (CIVIL ENGINEERING)—TESTING

Device for testing single piles with a static load. S. Koval'skii. Prom. stroi. i inzh soor 4 no 2 58-59 Mr-Ap '62.

PINE

(see also subdivision under Il'men' Preserve)

Effect of the root systems of pine stands on the regeneration of young growth under the forest canopy and on cutovers in bogs. A. I. Koshcheev. Trudy Inst lesa i drev. 53;164-173 '62.

PINE, ISLE OF—HISTORY

On a "treasure island." G. Skarlato. Znan. ta pratsia no 9,22-23 S '62

PINSK—PIONEERS (COMMUNIST YOUTH)

Conferences, discussions, and excursions are a form of mass educational work. E. Hulevich. Nar. asv. no 10;28-31 O '62.

PIONEERS (COMMUNIST YOUTH)

(see also subdivision under Kostroma Province, Pinsk)

Always be prepared to struggle for the cause of the Communist Party! Sov. pedag. 26 no. 6;3-4 Je '62.

Drummers beat their drums and buglers sounded their bugles Nar asv. no. 10 23-27 O '62

Let's supply the leaders with Pioneer books. L. Hrybova. Rad. shk. 41 no. 10, 66-67 O '62.

March forward, detachments, along Lenin's path! IUn. nat no. 10 3 O '62.

Notes on the organization of Pioneer life (to be concluded). S. Shmakov. Nar. obr. no. 11;70-83 N '62.

Notes on the organization of Pioneers' life. S Shmakov. Nar obr. no. 12 85-87 D '62

Pioneer two-year plan is going on. Prep. list. v shkole 17 no. 5;61-68 S-O '62.

Pioneers have important and interesting work. V. Strunin. Nar. obr. no. 11;16 p insert N '62

They bring a stream of life into Pioneer work. N. O. Kovets'ka. Rad. shk. 41 no. 10;71-72 O '62.

PIONEERS (COMMUNIST YOUTH)—BIBLIOGRAPHY see Bibliography—Pioneers (Communist youth)

PIPE

Insulation of joints with strips of adhesive material. V. B. Serafimovich, D. P Valuiskaia. Stroi. truboprov. 7 no. 9;31 S '62.

Mechanical pipe cutting and preparing of edges for welding in the field. I. I. Mikhlin. Stroi. truboprov. 7 no. 10;30-31 O '62.

Method of fastening pipes in piles and during transportation. Suggested by G. E. Shkol'nik. Stroi truboprov. 7 no. 9 27 S '62.

Technical and economic indices for the production of steel and cast iron pipe. B. D Khakhalin and others Lit proizv no 9;10-11 S '62

PIPE—HYDRODYNAMICS

Heat transfer and hydraulic resistance during the lengthwise flow of gas around transverse fin tubes. IU. V. Petrovskii, V. G. Fastovskii, L. I. Roizen. Khim. prom. no. 6;433-436 Je '62.

PIPE—TRANSPORTATION

Pipe carriers. Stroi. i dor. mash. 7 no. 10;33 O '62.

PIPE—WELDING

Redesigning the ASDP-500G unit for welding pipes in a carbon dioxide atmosphere. V. T. Kuzmenkin, Kh. G. Bazikeev, N. V. Peshkin. Stroi. truboprov. 7 no. 10; 24 O '62.

Servo system for directing an electrode along a seam [with summary in English] P. I Dekutiarenko. Avtomatyka 7 no. 5 35-42 '62.

PIPE, ASBESTOS-CEMENT

Experimental shop for treating asbestos-cement pipes with thermosetting resins V S Loginov, V V Tarkhanov, E A. Kashkovskaia Stroi truboprov 7 no 9 24-25 S '62

PIPE, CAST IRON

Centrifugal casting of iron water supply pipes in changeable molds S. A. Grinberg, IU. P Poruchikov, G. L. Khazan Lit proizv. no. 8 5-6 Ag '62

Semicontinuous pouring of cast iron pipe and cylindrical ingots. S N. Mylko, S. M Skorodzievskii. Met i gornorud. prom. no. 2 39-41 Mr-Ap '62.

PIPE, PLASTIC

Goriacheva, I A [Construction and operation of plastic water pipes in Leningrad] Opyt stroitel'stva i ekspluatatsii plastmassovykh vodoprovodov v Leningrade. Leningrad, 1962 24 p (Leningradskii dom nauchno-tekhnicheskoi propagandy Obmen peredovym opytom. Seriia: Stroitel'naia promyshlennost', no. 16)

PIPE, STEEL

A study of methods which provide increased strength and toughness of pipes. P. M. Dontsov, E. G. Shvach. Stroi. truboprov. 7 no. 10;10-13 O '62.

PIPE, STEEL—WELDING

Heat treatment of electrically welded Kh18N9T steel pipe. M. B. Shapiro and others Metalloved i term. obr. met. no. 8 26-29 Ag '62.

PIPE, WOODEN

Wooden pipes. S. Bobylev, V. Orlov. Sel'. mekh. no. 11; 31-32 '62.

PIPE CUTTING

Machine tool for shaped cutting of pipe. E. Pal'man. Prom stroi i inzh. soor 4 no 2 59-61 Mr-Ap '62.

Pipe cutting stand. D. Novikov. Sel'. mekh no. 4;31 '62.

PIPE FITTINGS

Donde, R. G., and E. N. Riabkov. [Handbook on fittings and indicating and recording instruments for gas piping of industrial enterprises] Spravochnik po gazovoi armature i kontrol'no-izmeritel'nym priboram dlia promyshlennykh predpriiatii. Leningrad, Gostoptekhizdat, 1962. 363 p.

PIPE JOINTS—TESTING

Magnetizing device with a permanent magnet for magnetographic checking. Suggested by Kaidanovskii. Stroi truboprov. 7 no 9 26 S '62

New magnetic belt for magnetographic checking. A. S. Fal'kevich, O. N. IAkovlev, E. N Timofeev Stroi. truboprov. 7 no 9 10-12 S '62

PIPE-LAYING MACHINERY

Calculated parameters of the vibration impact method of building crossings N. IA Kershenbaum, V I. Minaev Stroi truboprov. 7 no. 9,16-18 S '62.

PIPE MILLS

Certain indices for the design of pipe mills. N. I. Leibovich. Stal' 22 no. 9 853-854 S '62.

Characteristics of design and construction of the reduction-type feed mechanism on cold rolling pipe mills M. I. Grinshpun Stal' 22 no 9;826-828 S '62

Efficient methods of cutting rods. B. V. Gnezdilov, V. M. Stetnikov. Met. i gornorud. prom. no. 2,71-72 Mr-Ap '62.

Improved design of U. S. S. R. rolling and pipe mills. A. A. Korolev, V. V. Nossl'. Stal' 22 no. 11;1025-1034 N '62.

Improving the technology for the production of bimetal pipe. B. N. Zaslavskii. Met. i gornorud. prom. no. 2; 70 Mr-Ap '62.

Pipe industry of the U. S. S. R. during the 45 years of Soviet government. IU. M Matveev. Stal' 22 no 11; 1021-1024 N '62.

PIPECOLIC ACID

Bicyclic systems on the basis of 2,6-lutidine. Part 7: Interaction of alkyl (aryl) magnesium halides with benzylimide of N-methyldipipecolic acid. E. S. Nikitskaia, V. S. Usovskaia, M. V. Rubtsov. Zhur. ob. khim. 32 no. 11;3687-3693 N '62.

Pharmacology of piperidinecarboxylic acid derivatives [with summary in English]. I. M. Sharapov. Farm. i toks. 24 no. 6;700-706 N-D '61.

PIPECOLINE

Use of dimelin in obstetrical practice. G. IA. Molchanova. Akush. i gin. no. 1;59-63 '62.

Use of new hypotensive agents in late toxicoses of pregnancy. M. I. Anisimova. Sov. med. 26 no. 7;110-111 Jl '62.

PIPELINE TRANSPORTATION OF SOLIDS see Hydraulic conveying

PIPELINES
All the conditions for rhythmic winter work exist. D. V. Bukhatkin Stroi truboprov. 7 no.10 16-17 O '62.
Factory manufacture of units of industrial pipelines. B.I IUrgel' Stroi truboprov. 7 no.10 7-9 O '62.
Ignatov, N P [Pegging and retracting the routes of pipelines] Razbivka i vosstanovlenie trass truboprovodov; prakticheskoe posobie po geodezii Moskva, Gostoptekhizdat, 1962. 35 p.
Inspection of the quality of the insulation of main pipelines V I Glazkov A M Zinevich Stroi truboprov. 7 no 9 3-5 S '62
Laying underground piping without trenches by pulling it through. D A. Kotlukov. Mekh stroi 19 no 11 12-14 N '62.
New standards Biul stroi tekh 19 no 11 26-28 N '62
Steadily raise the quality of the construction of pipelines. A. N IUryshev Stroi truboprov 7 no 9 1-2 S '62

PIPELINES—ABSTRACTS
[Pipeline transportation] Ref. zhur. Otd. vyp. 45: Trub. transp. no. 12 D '62.

PIPELINES—BUILDINGS AND STRUCTURES
Elements made of cement wood in ground-level structures of main pipelines. S. M. Blank, E IU Kobtsev, V. I. IUrchenko Stroi. truboprov. 7 no. 10 29-30 O '62
Preparation for "block" delivery of equipment for compressor stations on the Bukhara - Ural Mountain Region gas pipeline S IA Kurits Stroi truboprov 7 no 9 6-7 S '62.

PIPELINES—CLEANING
Klimovskii, E. M. [Using 2SG stationary compressors in blowing through pipelines. Experience of the Welding and Assembly Trust of the Main Administration of Urban Gas Supply of the U S S R.] Ispol'zovanie statsionarnykh kompressorov tipa 2SG pri produvke truboprovodov, iz opyta Svarochno-montazhnogo tresta Glavgaza SSSR. Moskva, VNIIST Glavgaza SSSR redaktsionno-izd. otdel, 1961. 26 p.

PIPELINES—COLD WEATHER CONDITIONS
Prepare in good time for winter work. B. A. Korotkov. Stroi truboprov 7 no 9 18 S '62

PIPELINES—COST OF CONSTRUCTION
Overhead expenses in pipeline construction. B. M. Kazanskii, IA. M. Kuperman Stroi. truboprov. 7 no 10:26-28 O '62.

PIPELINES—TESTING
Choosing the diameter of the air-escape valve for hydraulic testing of main pipelines V V Postnikov Stroi truboprov 7 no 9 14-15 S '62

PIPELINES—WELDING see subdivision under United States

PIPERAZINE
Effect of thiodipin on the organism of experimental animals [with summary in English]. A. L. Tareeva, A. A. Grushina Farm i toks 24 no. 6:732-738 N-D '61.

PIPERIDINE
Characteristics of the demixing field of transition-type ternary systems Part 2. R. V. Mertslin, N. I. Nikurashina. Zhur. ob. khim. 32 no. 10 3122-3130 O '62

PIPERIDINOL
Heterocyclic compounds. Synthesis of β-phenylmercaptopropionic esters of the α-form of 1-allyl- and 1-crotyl-2, 5-dimethyl-4-piperidinols. A. Sh. Sharifkanov, S. A. IUsupov, Sh S Akhmetova. Zhur ob. khim 32 no. 10 3175-3176 O '62.
Heterocyclic compounds. Synthesis of benzoic esters of γ- and β-isomers of 1-(β-N-morpholinoethyl)-2, 5-dimethyl-4-ethynyl-4-piperidinol. A. Sh Sharifkanov, T. G. Sarbaev. Zhur. ob. khim. 32 no. 10:3176-3179 O '62.
Heterocyclic compounds. Synthesis of benzoic esters of γ-isomers of 1-(γ-phenylallyl)- and 1-(β-phenylethyl)-2, 5-dimethyl-4-vinyl-4-piperidinols. A. Sh. Sharifkanov, T. G. Sarbaev, Zhur. ob khim. 32 no. 10: 3172-3174 O '62.

PIROGOV, NIKOLAI IVANOVICH, 1810-1881
Letters of N. I. Pirogov to his wife written from Sevastopol in 1854-1855. Zdrav. Bel. 7 no. 11:62-63 N '61.
Petersburg period of the activity of N. I. Pirogov. A. S. Georgievskii. Vest. khir. no. 5:133 '62.

PISAREV, DMITRII IVANOVICH, 1840-1868
Plotkin, L. A. [D. I. Pisarev; his life and work] D. I. Pisarev; zhizn' i deiatel'nost'. Moskva, Goslitizdat, 1962. 230 p.

PISTACHIO see subdivision under Kerki District

PISTON RINGS
Device for the adjustment of piston rings. G. Khamko. Avt. transp. 40 no. 10:54 O '62.

PISTONS
Hydrodynamic forces in piston systems of instruments having a nonsealed piston K. I Khanaevarov Izm tekh no 11 23-26 N '62.

PITUITARY BODY
Some problems in the pathomorphology of the human adenohypophysis B. I Monastyrskaia Zdrav. Tadzh. 9 no 1 13-16 Ja-Ag '62

PITUITARY HORMONES
Content of luteinizing hormone in the hypophysis of rats with prolonged estrus [with summary in English]. IA. M. Kubak, E. V. Sokolova. Biul. eksp. biol. i med. 54 no. 7, 90-93 Jl '62.
Hypothalamic regulation of the thyrotropic function of the hypophysis and thyroid gland, a review. IU. B. Strehol'skaia. Probl. endok. i gorm. 8 no. 4:119-125 Jl-Ag '62.
Treatment of functional uterine hemorrhage with prolactin. V. P. Karpushin. Akush. i gin. no. 1:32-34 '62.

PLACENTA PREVIA see Labor, Complicated

PLACER DEPOSITS
(see also subdivision under Siberian Platform)
Formation of gold placers under the permafrost conditions E. Z. Gorbunov Sov. geol. 5 no. 6:150-155 Je '62.

PLAGUE
Use of cortisone for the purpose of detecting latent plague infection. Report No. 2: Diagnosis of plague infection in gerbils (Meriones meridianus Pall.) by provoking it using cortisone. A. I. Shtel'man Zhur. mikrobiol., epid. i immun. 32 no. 12:113-114 D '61.

PLANETS, MINOR
Results of photographic observations of asteroids [with summary in English]. A. B. Onegina. Izv. Glav astron. obser. AN URSR 4 no. 2:57-62 '62.

PLANKTON see subdivision under Pacific Ocean

PLANKTON RESEARCH
Equipment and methods for studying hyponeuston. IU. P. Zaitsev. Vop. ekol. 4:107-109 '62.
New quantitative high-speed plankton sampler. M. IA. Kirpichenko. Vop. ekol. 4:113-115 '62.

PLANT BREEDING—CONGRESSES
Results of the scientific conference dedicated to the 50th anniversary of the All-Union Institute of Breeding and Genetics. B. E Berchenko Agrobiologiia no 5 771-776 S-O '62.

PLANT CELLS AND TISSUES
Making films from the succulent layer of the onion. S. A. Nirman Zdrav Bel. 8 no 2 56 F '62.
On the physiology of ectodesmata. K. T. Sukhorukov, IU. M. Plotnikova. Dokl. AN SSSR 147 no. 2:400-402 N '62.

PLANT COMMUNITIES see subdivision under Tien Shan

PLANT DISEASES—RESEARCH see subdivision under United States

PLANT INTRODUCTION see subdivision under Frunze

PLANT PHYSIOLOGY
Physiological characters in pulse crops [with summaries in English, German, and French] N D Feofanova Vest sel'khoz nauki 7 no. 9 115-119 S '62
Role of physiologically active substances of soils, humic acids, bitumens, and vitamins B_2, C, P-P, A, and D in the life of plants and ways for replenishing them [with summary in English]. L. A. Khristeva, N. V. Luk'ianenko Pochvovedenie no. 10:33-37 O '62

PLANT QUARANTINE
More attention to quarantine measures. V. V. Abramenko. Zashch. rast. ot vred i bol. 7 no. 7:52 Jl '62
"Plant quarantine" [in Bulgarian] by A. V. Lazarov, S. P. Grigorov Reviewed by E. E. Savzdarg. Zashch rast. ot vred i bol 7 no 5:62 My '62.

PLANT REGULATORS see Growth inhibiting substances

PLANTERS (AGRICULTURAL MACHINERY)—REPAIRING
Reconditioning of cones. K. Emel'ianov. Sel'. mekh. no. 4:32-33 '62.

PLANTS see subdivision under Armenia

PLANTS—ASSIMILATION
Effect of the flooding of root systems on the accumulation of phosphorous in seedlings of arboreous plants. A. IA. Orlov. Dokl. AN SSSR 147 no. 1:233-236 N '62.

PLANTS—CHEMICAL ANALYSIS
Chemical composition of Dniester and Danube reeds. M. S. Dudkin and others. Ukr. khim. zhur. 28 no. 8: 996-999 '62.
Chemistry of some planktonic sea diatoms. G. K. Barashkov. Trudy MMBI no. 4:27-46 '62.
Comparative biochemistry of algae. G. K. Barashkov. Trudy MMBI no. 4:47-58 '62.

PLANTS—DISEASE AND PEST RESISTANCE
Nature of the immunity of cotton and other plants against infection by the spider mite Tetranychus telarius L. M. I. Kosobutskii. Vop. ekol. 1:30-40 '62.

PLANTS—FROST RESISTANCE
(see also subdivision under Chu Valley)
Cold and frost resistance of the VIR 12 double cross hybrid and its self-pollinated lines. S. V. Kortina Trudy Stavr. sel'khoz inst no 9 19-19 '60
Histochemical analysis of cherry flower buds in relation to their winter hardiness. G. A. Pilipenova Biul. MOIP, Otd biol. 67 no. 3:142 My-Je '62.
Morphological and physiological analysis of the annual life cycle of woody plants. L. I. Sergeev, K. A. Sergeeva. Trudy Ilim. gos. zap. no. 5 131-141 '61.

PLANTS—METABOLISM
Anthocyanins of callus tissues in Parthenocissus tricuspidata. S. A. Stanko, M. S. Burdinskaia Dokl. AN SSSR 146 no. 4 956-959 O '62.
Diamines in the nitrogen metabolism of plants B. P. Strogonov, N. I. Shevlakova Usp. sovr. biol. 54 no. 1 43-56 Jl-Ag '62
Some characteristics of metabolism in various plants. B. A. Rubin, I. A. Chernavina, T. P. Krasnoslova Dokl. AN SSSR 147 no. 1:240-243 N '62.

PLANTS—RESPIRATION
After-effect of cooling on the effectiveness of respiration of cucumber leaves [with summary in English]. V. B. Zholkevich, V. A. Kholler, S. V. Kushnirenko. Fiziol. rast. 9 no. 3:353-358 '62.
Analysis of the kinetics of gas exchange of illuminated plants; theory of the problem [with summary in English]. O. D. Bykov. Fiziol. rast. 9 no. 3 345-351 '62
Participation of heteroauxins in the translocation of oxygen in plants [with summary in English]. B. I Povolotskaia, IU. V. Rakitin, I. V. Khovanskaia Fiziol. rast. 9 no. 3:303-308 '62.

PLANTS—TRANSPIRATION
Photosynthesis and transpiration of spruce under various ecologic conditions. I. V. Gulidova. Trudy Inst. lesa drev. 53:97-102 '62.
Some possible causes of transpiration resistance in Kraevoi. Fiziol. rast. 9 no. 3:375-378 '62.

PLANTS—WATER REQUIREMENTS
Effect of the water balance and mineral nutrients on the photosynthesis of plants in relation to the yield [with summary in English]. N. S Petrov, Shan'? [illegible] Lun]. Fiziol. rast. 9 no. 3:309-317 '62.

PLANTS, CULTIVATED—DISEASES AND PESTS
Review of pests of agricultural plants in Mauritania [with summary in English]. M. K. Zhumanazarova Ent. oboz. 41 no. 2 310-321 '62.

PLANTS, EFFECT OF ALUMINUM ON
Importance of molybdenum for the growth of leguminous alfalfa roots in relation to the acidity and aluminum content of the medium [with summary in English]. I. I Ratner, A. M. Smirnov, Khuan Khun-shu [Huang Hsun Shu]. Fiziol. rast. 9 no. 3:270-280 '62.

PLANTS, EFFECT OF BORON ON
Significance of boron in nucleic metabolism [with summary in English]. M. IA. Shkol'nik, A. N. Maevskii. Fiziol. rast. 9 no. 3:270-278 '62.

PLANTS, EFFECT OF CALCIUM ON
Relation between the calcium content of the ash of apple shoots and the capacity of trees to set fruit buds. V. V Perfil'ev. Fiziol. rast. 9 no. 3:371-372 '62.

PLANTS, EFFECT OF COBALT ON see subdivision under East Kazakhstan Province

PLANTS, EFFECT OF GAMMA RAYS ON
Effect of gamma irradiation before sowing on the fertilizing capacity of pollen in gramineous plants [with summaries in English, German, and French] G. I IAcovkevich. Vest sel'khoz. nauki 7 no. 6 110-114 S '62
Effect of gamma radiation on potato wart D. V. Tigvin, P. A. Khirhnink, Kh V. Sazonik. Zashch rast ot vred i bol. 4 no. 6,47-48 N-D '59.

PLANTS, EFFECT OF HYDROGEN-ION CONCENTRATION ON
Photosynthesis and some other physiological processes in corn as affected by various pH of the medium. V. S. Andreenko. Agrobiologiia no. 5:729-733 S-O '62

PLANTS, EFFECT OF LIGHT ON
Change in the protochlorophyll content in the life cycle of green plants [with summary in English] V. L. Kaier, A. A. Shlyk. Biokhimiia 27 no. 4:599-607 Jl-Ag '62.
Obtaining maximum productivity and early ripening in plants under artificial conditions. B. S. Moshkov. Agrobiologiia no. 5:742-755 S-O '62.

PLANTS, EFFECT OF MANGANESE ON
Results of testing manganese fertilizers in the tea plantation [with summary in English]. G. S. Godzishevskii, M. S. Zhedenova. Subtrop. kul't. no. 2:63-68 '62

PLANTS, EFFECT OF MERCAPTO COMPOUNDS ON
Effect of systemic poisons on the cotton plant [in Armenian with summary in Russian]. A. D. Avetisian, M. S. Sanbatian. Izv. otd. sel'khoz. nauki Arm. SSR 4 no. 10 39-45 '61.

PLANTS, EFFECT OF MINERALS ON
Effect of the water balance and mineral nutrients on the photosynthesis of plants in relation to the yield [with summary in English]. N. S. Petinov, Shan' Lun' [Shan Lun]. Fiziol. rast. 9 no. 3:309-317 '62.

PLANTS, EFFECT OF MOLYBDENUM ON
Effect of molybdenum on alfalfa yields. E. M. Kondrat'eva, M. K. Desiatova. Uch. zap. Mord. gos. un. no. 13: 110-113 '60.
Importance of molybdenum for the growth of isolated alfalfa roots in relation to the acidity and aluminum content of the medium [with summary in English]. E. I. Ratner, A. M. Smirnov, Khuan Khun-shu [Huang Hung-Shu]. Fiziol. rast. 9 no. 3 278-288 '62.

PLANTS, EFFECT OF NICOTINIC ACID ON
Effect of nicotinic acid on the uptake of phosphorus by cotton plants [with summary in English]. A. A. Borodulina, K. E. Ovchinov. Fiziol. rast. 9 no. 3:265-269 '62.

PLANTS, EFFECT OF NITROGEN ON
Effect of radioactivity on plants when using various nitrogen fertilizers [in Latvian]. A. Millers. Izv. AN Latv. SSR no. 7 85-90 '62.

PLANTS, EFFECT OF PHOSPHORUS ON
Effect of phosphorus deficiency on the growth of sugar canes and the uptake of nutrients by them [with summary in English]. J. N. Singh. Fiziol. rast. 9 no. 3: 289-296 '62.
Types of phosphorus fertilizers for corn. IA. E. Bezel'. Zemledelie 24 no. 10:80-82 O '62.

PLANTS, EFFECT OF POISONS ON
Toxic effect of the fraction of organic acids synthesized by Botrytis cinerea. M. E. Ladygina. Dokl. AN SSSR 147 no. 2:498-501 N '62.
Toxicity of the polysaccharide fraction of the toxin of Botrytis cinerea. V. A. Akaenova. Dokl. AN SSSR 147 no. 2:496-498 N '62.

PLANTS, EFFECT OF POTASSIUM ON
Effect of potassium fertilizers of the Carpathian Mountain region on the yield and quality of potatoes in peat soils. T. A. Zholkevs'kyi. Visnyk sil'hosp. nauky 5 no. 6 101-106 Je '62.
Effectiveness of watering drained peat soils during the application of potassium fertilizers at various rates. O. V. Skrypnyk. Visnyk sil'hosp. nauky 5 no. 6:110-114 Je '62.

PLANTS, EFFECT OF RADIATION ON
Investigation of wheat in the Ararat Plain and Kamo District obtained from irradiated seeds [in Armenian with summary in English]. V. S. Pogosian. Izv. AN Arm. SSR, Biol. nauki 15 no. 9:75-82 S '62.

PLANTS, EFFECT OF RADIOACTIVITY ON
Atomic garden. S. Stel'makh, O. Rozhen. Znan. ta pratsia no. 9:15-16 S '62.
Biological concentration of minute quantities of cesium and strontium in reservoirs with slow circulation. Report No. 2. A. I. Agre, A. P. Raikо. Biul. MOIP. Otd. biol. 67 no. 3:155-156 My-Je '62.
Effect of radioactivity on plants when using various nitrogen fertilizers [in Latvian]. A. Millers. Izv. AN Latv. SSR no. 7:85-90 '62.

PLANTS, EFFECT OF SUCCINIC ACID ON
Succinic acid as a new means of increasing crop yields. N. A. Drozdov. Zemledelie 24 no. 6 56-57 Je '62.

PLANTS, EFFECT OF TEMPERATURE ON
Aftereffect of cooling on the effectiveness of respiration of cucumber leaves [with summary in English]. V. N. Zholkevich, V. A. Kholler, S. V. Kushnirenko. Fiziol. rast. 9 no. 3:353-358 '62.
Controlled effect of cold as a method of obtaining rapidly maturing and cold-resistant types of Sudan grass. N. I. Peregudov. Trudy Stavr. sel'khoz. inst. no. 9 3-12 '60.
Fluorescence of the cells of woody plants in a frozen state [with summary in English]. O. A. Krasavtsev. Fiziol. rast. 9 no. 3:358-367 '62.

PLANTS, EFFECT OF TRACE ELEMENTS ON
Effect of microelements on the disease resistances of potatoes. S. P. Galilov. Zashch. rast. ot vred. i bol. 7 no. 3:32 Mr '62.
Effect of treating seeds before sowing with trace element salt solutions on the yield and root quality of sugar beets. S. IA. Sumina. Uch. zap. Mord. gos. un. no. 13: 92-96 '60.
Effect of treating seeds before sowing with trace elements on corn yields; preliminary report. M. D. Kindiakova. Uch. zap. Mord. gos. un. no. 13:70-75 '60.

PLANTS, EFFECT OF WATER ON
Effect of the flooding of root systems on the accumulation of phosphorous in seedlings of arboreous plants. A. IA. Orlov. Dokl. AN SSSR 147 no. 1:233-236 N '62.

Effectiveness of watering drained peat soils during the application of potassium fertilizers at various rates. O. V. Skrypnyk. Visnyk sil'hosp. nauky 5 no. 6 110-111 Je '62.

PLANTS, ORNAMENTAL see subdivision under Chu Valley

PLANTS, PROTECTION OF
(see also subdivision under Altai Territory; Golodnaya Steppe, Kerbinlai District; Kirovograd Province, Moldavia; Orzhitsa District, Stavropol Territory, Ukraine; White Russia)
At the new stations for plant protection. N. V. Kirpichnikova. Zashch. rast. ot vred i bol. 7 no. 3 16-17 Mr '62.
At the seminar of toxicologists. A. K. Markin. Zashch. rast. ot vred i bol. 7 no. 7 15 Jl '62.
Attention to the protection of the most important crops. Zashch. rast. ot vred. i bol. 7 no. 5:2-4 My '62.
Each farm should have a specialist in plant protection. K. S. Levchenko, P. P. Bolko. Zashch. rast. ot vred. i bol. 7 no. 7 11 Jl '62.
From the practice of protecting a state farm orchard. I. I. Vanin, I. G. Firsov. Zashch. rast. ot vred. i bol. 7 no. 7 10-11 Jl '62.
From the practices in the protection of forage beans. N. S. Karavianskii, IU. I. Shneider. Zashch. rast. ot vred. i bol. 7 no. 3, 24-25 Mr '62.
From the report of the European and Mediterranean Organization of Plant Protection for 1958-59. D. P. Dovnar-Zapol'skii. Zashch. rast. ot vred. i bol. 4 no. 6 48-49 N-D '59.
On the "Gigant" State Farm. V. E. Sharkova. Zashch. rast. ot vred. i bol. 7 no. 3 13-14 Mr '62.
On the Lenin Collective Farm. P. P. Manziuk. Zashch. rast. ot vred. i bol. 7 no. 5 11-12 My '62.
Questions and answers. T. A. Sergeeva, G. P. Sharnaev. Zashch. rast. ot vred. i bol. 7 no. 5 16, 41-43 My '62.
Questions and answers. V. Kilashko and others. Zashch. rast. ot vred. i bol. 7 no. 7 11-42 Jl '62.
Questions and answers. Zashch. rast. ot vred. i bol. 7 no. 3 46 Mr '62.
Responses to our articles. A. F. Chenkin, G. P. Bezrodnyi, K. IA. Kalashnikov. Zashch. rast. ot vred. i bol. 7 no. 3 18-19 Mr '62.
Some results of the visit of the American entomologic delegation to the U. S. S. R. I. IA. Poliakov. Zashch. rast. ot vred. i bol. 4 no. 6 56-57 N-D '59.
Tasks of science. L. N. Zotsenko. Zashch. rast. ot vred. i bol. 7 no. 7 1-3 Jl '62.
Toward the Plenum of the Central Committee of the C. P. S. U. Zashch. rast. ot vred. i bol. 4 no. 6 1-3 N-D '59.
What plant protectors must do in regard to row crop cultivation. V. N. Shchegolev. Zashch. rast. ot vred. i bol. 7 no. 7 21-22 Jl '62.
"Zoologists of the Soviet Union." Reviewed by D. M. Patkin. Zashch. rast. ot vred. i bol. 7 no. 3, 62 Mr '62.

PLANTS, PROTECTION OF—BIBLIOGRAPHY see Bibliography—Plants, Protection of

PLANTS, PROTECTION OF—CENTRAL BLACK EARTH REGION
Methods for protecting grain crops. I. T. Pavlov, K. K. Lebedeva, A. I. Avramenko. Zashch. rast. ot vred. i bol. 7 no. 7:22-24 Jl '62.

PLANTS, PROTECTION OF—CONGRESSES
Conference on the control of the Colorado beetle. V. V. Abramenko. Zashch. rast. ot vred. i bol. 4 no. 6:58 N-D '59.
In the Coordination Council. E. N. Ivanov. Zashch. rast. ot vred. i bol. 7 no. 5 58-60 My '62.
The 17th Afghan-Soviet Conference. V. S. Chavakhin. Zashch. rast. ot vred. i bol. 7 no. 3:59 Mr '62.

PLANTS, PROTECTION OF—ECONOMIC
Economic effectiveness of plant protection. V. G. Platonova. Zashch. rast. ot vred. i bol. 7 no. 7:13-14 Jl '62.

PLANTS, PROTECTION OF—EXHIBITIONS
At the Exhibition of Achivements of the National Economy of the U. S. S. R. E. A. Frolikina. Zashch. rast. ot vred. i bol. 7 no. 7 60-61 Jl '62.

PLANTS, PROTECTION OF—PERIODICALS
Bulgarian journal "Plant protection". V. V. Likhontov. Zashch. rast. ot vred. i bol. 7 no. 5 62-63 My '62.

PLANTS, PROTECTION OF—RESEARCH
Artificial climate chamber for investigations in the field of plant protection. S. V. Andreev and others. Zashch. rast. ot vred. i bol. 4 no. 6:17-18 N-D '59. 6: 17-18 N-D '59.

PLANTS, PROTECTION OF—STUDY AND TEACHING
They are raising the level of their qualifications. Zashch. rast. ot vred. i bol. 7 no. 5:61 My '62.

PLANTS AS CARRIERS OF DISEASE
Importance of vegetables and fruits in the epidemiology of abdominal typhus. G. R. Azizov. Zhur. mikrobiol., epid. i immun. 32 no. 12:118-119 D '61.

PLASMA (IONIZED GASES)
Attenuation of electromagnetic waves in an inhomogeneous medium related to transient radiation [with summary in English]. V. IA. Eidman. Zhur. eksp. i teor. fiz. 43 no. 4:1419-1423 O '62.
Capture and confinement of a turbulent heated plasma in a magnetic trap. M. V. Babykin and others. Zhur. eksp. i teor. fiz. 43 no. 4:1547-1548 O '62.
Coefficients of dynamic friction and diffusion in a plasma. A. G. Sitenko, TSzian' IU-tai [Chien Wu-tai]. Zhur. tekh. fiz. 32 no. 11:1324-1332 N '62.
Diffusion decay of a plasma in a magnetic field. Part 3. V. E. Golant, A. P. Zhilinskii. Zhur. tekh. fiz. 32 no. 11 1313-1318 N '62.
Effect of electrostatic instabilities on the distribution function of a beam interacting with a plasma in a magnetic field. V. D. Shapiro, V. I. Shevchenko. Ukr. fiz. zhur. 7 no. 1:83-86 Ja '62.
Effect of local perturbations of a magnetic field on the confinement of particles in a magnetic adiabatic trap. N. N. Brevnov, IU. F. Tomashchuk. Atom. energ. 13 no. 5 421-428 N '62.
Effect of the internal movement of heat on the polarizability of plasma clots [with summary in English]. V. B. Gil'denburg. Zhur. eksp. i teor. fiz. 43 no. 4 1394-1396 O '62.
Instability of a plasma layer with a neutral point of magnetic field [with summary in English]. A. B. Severnyi. Astron. zhur. 39 no. 6:990-995 N-D '62.
Instability of a weakly ionized nonuniformly heated plasma in a uniform magnetic field. A. V. Timofeev. Zhur. tekh. fiz. 32 no. 11 1297-1301 N '62.
On the asymmetry of hydrogen spectral lines in a plasma. L. P. Kudrin, G. V. Sholin. Dokl. AN SSSR 147 no. 2:342-345 N '62.
Optical study of the magnetic constriction of an electron-hole plasma in InSb [with summary in English]. B. D. Osipov, A. N. Khvoshchev. Zhur. eksp. i teor. fiz. 43 no. 4 1170-1183 O '62.
Quasi-linear equations for a quantum plasma. A. A. Vedenov. Dokl. AN SSSR 147 no. 2:334-337 N '62.
Rate of temperature equalization of charged particles in a plasma [with summary in English]. R. R. Ramazashvili, A. A. Rukhadze, V. P. Silin. Zhur. eksp. i teor. fiz. 43 no. 4:1323-1330 O '62.
Retardation of plasma in a magnetic diffuser. A. K. Musin. Radiotekh. i elektron. 7 no. 12:2051-2061 D '62.
Separate calculation of energy losses of a plasma by radiation and solid particles. L. L. Gorelik, V. V. Sinitsyn. Zhur. tekh. fiz. 32 no. 11 1406-1408 N '62.
Shifts of energy levels and the equation of state of a plasma [with summary in English]. L. P. Kudrin, IU. A. Tarasov. Zhur. eksp. i teor. fiz. 43 no. 4 1504-1516 O '62.
Some peculiarities in the behavior of a relativistic plasma with an anisotropic distribution of electron velocities [with summary in English]. G. M. Zaslavskii, S. S. Moiseev. Zhur. eksp. i teor. fiz. 42 no. 4:1054-1060 Ap '62.
Stability of plasma in a nonuniform magnetic field and the mechanism of solar flares [with summary in English]. S. I. Syrovatskii. Astron. zhur. 39 no. 6, 987-989 N-D '62.
Stabilization of a low-pressure plasma by a high-frequency field. T. F. Volkov, B. B. Kadomtsev. Atom. energ. 13 no. 5:429-434 N '62.
Study of the modulation characteristics of gas-discharge microwave attenuators. E. A. Stakhov. Radiotekh. i elektron. 7 no. 12:2007-2012 D '62.
Volume recombination in a helium plasma in a magnetic field [with summary in English]. IU. M. Aleskovskii, V. L. Granovskii. Zhur. eksp. i teor. fiz. 43 no. 4: 1253-1261 O '62.

PLASMA OSCILLATIONS
Oscillation of ions in the region of minimum potential and low-frequency oscillations in a gas discharge. M. D. Gabovich, G. S. Kirichenko. Zhur. tekh. fiz. 32 no. 11 1376-1381 N '62.
Stability of steady-state longitudinal plasma oscillations. V. N. Oraevskii, R. Z. Sagdeev. Zhur. tekh. fiz. 32 no. 11:1291-1296 N '62.
Theory of transformation and scattering of waves on fluctuations in a plasma [with summary in English]. F. G. Bass, A. IA. Blank. Zhur. eksp. i teor. fiz. 43 no. 4:1479-1486 O '62.
Topography of a magnetic field, induction currents and hydromagnetic oscillations of a plasma in a pulsed electrodeless discharge. M. D. Gabovich, I. M. Mitropan. Zhur. tekh. fiz. 32 no. 11:1371-1375 N '62.

PLASTER CASTS, SURGICAL see subdivision under United States

PLASTIC FILMS
Stabilization of polyamide films for agriculture. M. B. Neiman and others. Plast. massy no. 10-6-8 '62.
Strength of welded joints of polymer films. N. A. Grishin. Plast. massy no. 10:65-68 '62.

PLASTIC FILMS—ELECTRIC PROPERTIES

Methods and problems in the electrical testing of thin films of nonpolar polymerization plastics P N Shcherbak Plast massy no 10 51-57 '62

PLASTIC PIPE see Pipe, Plastic

PLASTIC TOOLS

Dies made of plastics S. Efremov. Plast massy no 10 43-48 '62

PLASTICITY

Experimental study of the kinetic correspondence in the development of superplasticity in metastable eutectics. V.A. Presniakov, G V Starikova. Trudy Inst. met. i obog AN Kazakh SSR 5 184-185 '62.

Fundamental tasks of physics of the strength and plasticity of crystals M V Klassen-Neklidova, V N Rozhanskii Kristallografiia 7 no 4:499-506 Jl-Ag '62

Solvability of Ritz systems for functionals in the theory of plasticity L N Gagen-Torn Trudy Mat inst 66: 190-195 '62.

PLASTICS

Adhesion of polytetrafluoroethyle to metals [with summary in English] A IA Korolev, V I Bek, N A Grishin Vysokom soed 4 no 9 1411-1418 S '62

New milling cutter for processing plastic materials M G. Khalutin Plast massy no 10 62-63 '62

Plastic screens (from "Svensk Papperstidning," no. 11, 1961) Bum. prom. 37 no 10 30 O '62

"Plastics in railroad transportation" by I P Sitkovskii Reviewed by V P Bogdanov, V P Mikheev, V P. Popov Zhel dor transp 44 no 11:95-96 N '62

Use of plastics for the manufacture of hollow shoe trees. L. M. Vinetskii, P I Vershal'. Kozh.-obuv. prom. 4 no 11 37-38 N '62.

Using plastic materials in irrigation, review of foreign literature. V N Gorinskii. Zemledelie 24 no 10:91-92 O '62

PLASTICS—MOLDING

Bobrynin, B. N., and K. N. Strel'tsov. [Stamping of sheet plastics] Shtampovka listovykh plastmass. Pod obshchei red. V. P. Romanovskogo. Moskva, Mashgiz, 1962. 76 p. (Bibliotechka shtampovshchika, no. 8)

Drill jigs made of cold-hardening plastics. A. A. Shturman. Stan. i instr. 33 no 11:34-35 N '62.

PLASTICS—TESTING

Method of determining the technological properties of thermoplastic materials. I F Kanavets, L G. Batalova Plast massy no. 10:27-36 '62

Resistance of foam plastics to prolonged compression loads S. V Kolpakov Plast massy no 10 49-51 '62

PLASTICS—WELDING

Strength of welded joints of polymer films N. A. Grishin. Plast massy no 10 65-66 '62

PLASTICS IN MEDICINE

Changes in the anterior segment of the eyeball following the implantation of an artificial plastic crystalline lens in an experiment. V. F. Zheleznova, O. R. Bogomolova. Vest. oft. no 4:49-52 '62.

Use of polyurethane sponge in pulmonary surgery. V. P. Kaznin. Khirurgiia no. 12.69-72 '61.

PLASTICS INDUSTRY

Ways for raising the technical level of the production of plastics and plastic goods A. N Levin, A A Sheryshev Plast massy no 10 1-2 '62

PLASTICS INDUSTRY—EQUIPMENT AND SUPPLIES (see also subdivision under Italy)

Latest developments in the production of foam polystyrene abroad Z S TSalagova, A I Il'iashevich, A. L Pechenkin Plast massy no. 10:67-71 '62

Unit for the preparation of epoxide compounds. A. K. Navrotskii Plast massy no 10 63-64 '62

PLATASTERIAS

Living representative of Somasteroidea [with summary in English]. Kh. B. Fell. Zool. zhur. no. 8:1353-1366 S '62.

PLATE TOWERS

Determination of the number of theoretical plates in calculating rectification columns. IU. I. Kozorezov. Khim. i tekh. topl. i masel 7 no. 5:49-54 My '62.

New design of a plate for rectifications columns. V. I. Sheinman and others. Khim. i tekh. topl. i masel 7 no. 5:54-60 My '62.

PLATES, IRON AND STEEL

Calculation of blind corrugations for transverse loading. M. K. Shalkin. Trudy GPI 15 no. 1:65-73 '61 [i.e. '59].

PLATINUM CHLORIDE

Equivalence of the bonds in $PtCl_4$. V. P. Kazakov, B. I. Peshchevitskii. Radiokhimiia 4 no. 4 509-510 '62.

PLAYS FOR CHILDREN see Children's plays

PLEURA—CANCER

Malignant mezethelioma of the pleura. G. A. Kazimov, Kh O Osipian Zdrav. Turk. 6 no 2:34-36 Mr-Ap '62.

Primary pleural cancer. D G. Abramovich, I. V. Lamnert. Zdrav. Bel. 8 no. 2 62-63 F '62.

PLEURA—DISEASES

Differential diagnosis of encysted effusions of the pleural cavity [with summary in English]. I. E Gurfian. Sov. med. 26 no. 7:118-122 Jl '62.

Stump and alveolar bronchopleural fistulae following partial resection of the lung [with summary in English]. V. A. Bykova, V. M. Sergeev, K. B. Krymova. Vest khir. no. 5:10-22 '62.

PLEURA—SURGERY

Late results of pleurectomy in tuberculous empyema [with summary in English]. N. I. Bondar', L. P. Rymko Sov. med. 26 no. 10:70-76 O '62.

PLOMBAGE (SURGERY)

Some problems of extrapleural plombage in pulmonary tuberculosis [with summary in English] V. A. Konstantinov, V. P. Kazin. Sov. med. 26 no. 10 67-70 O '62.

PLOWING

Effect of deep fall plowing on corn yields in Mordovia. N. K. Korabitskii. Uch. zap Mord. gos. un. no. 13:60-65 '60.

PLOWS

Stability of a mounted plow operating on slopes [in Armenian with summary in Russian]. Z. A. Gevorkian. Izv upr. sel'khoz. nauki Arm. SSR 4 no. 10:17-23 '61.

PLURALITY OF WORLDS

Searching for the traces of civilization in other worlds. M A Voronin Priroda 51 no 11 78-83 N '62.

PLUTONIUM

Fine structure of Pu^{239} α-radiation [with summary in English] S A Baranov, V M. Kulakov, S. N. Botel'kii Zhur eksp i teor fiz 43 no. 4, 1135-1139 O '62

PLYUSSA RIVER—WATER—POLLUTION

Effect of waste waters from the gas slate industry on the sanitary state of the Plyussa River and the Narva Reservoir. A. I. Makhinenko, E. V. Teplitskova. Trudy LSGMI no. 66:161-166 '61.

Pollution with phenols of the soil, subsurface waters and bottom sediments in the region of the combine "Slantsa". Z. V. Soboleva, M. A. Shvetsova, P. V. Shvetsov. Trudy LSGMI no. 66:167-172 '61.

PNEUMATIC CONTROL

Use of a diaphragm valve with pneumatic control in a Du-25 air distributor V. A. Bogachkin, A S Fomin Lit proizv no 9:23 S '62

PNEUMATIC CONVEYING

Analyzing the electric power consumption of horizontal pneumatic conveying systems. A. S. Kemmer, A. M. Dziadzio. Izv. vys. ucheb. zav. ppishch. tekh. no. 4:106-109 '62.

Electric circuit of the automatic control system of the pneumatic flour conveying line N E Morov, A G Stepanov. Khleb. i kond. prom. 6 no. 11:13-15 N '62

Kayalerchik, M. IA. [Pneumatic conveying in textile enterprises] Pnevmaticheskii transport na predpriiatiiakh tekstil'noi promyshlennosti. Moskva, Rostekhizdat, 1962. 35 p.

Vsesoiuznyi institut po proektirovaniiu organizatsii energeticheskogo stroitel'stva "Orgenergostroi," Moskovskii filial. [Pneumatic units for transporting a concrete mix through pipes] Pnevmaticheskie ustanovki dlia transportirovaniia betonnoi smesi po trubam. Moskva, Orgenergostroi, 1962. 60 p. (Iz opyta energeticheskogo stroitel'stva)

PNEUMATIC MACHINERY

Compressed air blending and conveying of charges for electrode coverings. V. N. Treshchalin, V. I. Liberman, S. V. Lakshin. Svar. proizv. no. 8:25-26 Ag '62.

PNEUMATIC-TUBE TRANSPORTATION

Pneumatic-tube transportation of steel samples in metallurgical plants. S. A. Nazarov. Zav. lab. 28 no. 11:1396-1397 '62.

PNEUMOGASTRIC NERVE see Vagus nerve

PNEUMOMEDIASTINUM

Significance of pneumomediastinography in the examination of patients with pulmonary cancer. L. A. Levina-Gurevich. Khirurgiia no. 1:71-76 '62.

PNEUMONIA

Change in the functional state of the monocytic system during the course of acute pneumonia in infants [with summary in English]. N. F. Dubovik. Vop. okh. mat. i det. 7 no. 7:13-18 Jl '62.

Clinical X-ray observations on staphylococcal pneumonias in children [with summary in English]. M. I. Vladykina, L. M. Pliskova. Vop. okh. mat. i det. 7 no. 7:8-10 Jl '62.

Determination of the sensitivity to antibiotics of the pathogens of chronically recurrent pneumonias in infants [with summary in English]. V. M. [illegible], L. I. Klimova. Vop. okh. mat. i det. 7 no. 7:10-13 Jl '62.

Erythrocyte and fractional erythrocyte sedimentation reactions in pneumonia in nursing infants [with summary in English]. V. D. Surkov. Vop. okh. mat. i det. 7 no. 7:27-31 Jl '62.

Erythromycin and its use in infants with pneumonia. N. A. Shevich Zdrav. Bel. 8 no. 2 26-28 F '62.

Features of the clinical picture and course of atypical pneumonia in children [with summary in English] [illegible] Mamykina. Vop. okh. mat. i det. 7 no. 4, pp. 11 A. '62.

Fractional erythrocyte sedimentation reaction in the dynamics of the pathological process in pneumonia in children [with summary in English]. O. V. [illegible] Vop. okh. mat. i det. 7 no. 7:11-31 Jl '62.

Nickel and cobalt content in the organs of newborn [illegible] dying from bronchopneumonia during the first days of life L. T. Sakovich-Lomako. Zdrav. Bel. 8 no. 2 26-30 F '62

Pneumonia. H. Kalfushyn. Rab. i stal. 38 no. 11 22 N '62.

Some ways of compensating for oxygen deficiency in pneumonias in infants [with summary in English]. S. A. Lebedinskaia, A. A. Ananenko. Sov. med. 26 no. 11 87 O '62.

Thermal blood circulation index in acute pneumonia in infants [with summary in English]. L. P. [illegible] Maslaunkene, V. N. Gromova. Vop. okh. mat. i det. 7 no. 7:19-23 Jl '62.

"Zero" minimum pneumonia in infants [with summary in English]. A. N. Kurlova. Vop. okh. mat. i det. 7 no. 7:23-27 Jl '62.

PNEUMOTHORAX

Artificial pneumothorax combined with antibacterial preparations. L. P. Filonova, M. B Kugel', A. A. [illegible] Zdrav. Bel. 7 no. 11:5-7 N '61

Cautery of pleural adhesions under the conditions of an antituberculosis ward in a district hospital. B. P. Kutsko. Zdrav. Bel. 7 no. 11:10-11 N '61.

Use of a mixed intra-extrapleural pneumothorax in treating cavitary pulmonary tuberculosis [with summary in English] T. A. Katushenok. Vest. khir. 87 no. 9 62-67 N '61.

Use of extrapleural pneumothorax and electrocoagulation [with summary in English]. E. Kh. Pozovel. Vrach. delo no. 8:94-98 Ag '62.

PODKAMENNAYA TUNGUSKA VALLEY—MAGNETISM

Khrianina, L. P. [Trappean magmatism in the Lower Basin and lower Podkamennaya Tunguska Valley and magnetite mineralization associated with it] Traps i ikh magmatizm basseina r. Bakhty i nizov'ev Podkamennoi Tunguski i sviaz' s nim magnetitovogo orudeneniia Moskva, Izd-vo Akad. nauk SSSR, 1962. 87 p. (Akademiia nauk SSSR. Institut geologii rudnykh mestorozhdenii petrografii, mineralogii i geokhimii. Trudy, no. 71)

PODKAMENNAYA TUNGUSKA VALLEY—METEORITES

Geomagnetic effects of explosions in the lower atmosphere. K. G. Ivanov. Geomag. i aer. 2 no. 1:153 Ja-F '62.

PODKAMENNAYA TUNGUSKA VALLEY—ROCKS, IGNEOUS

Khrianina, L. P. [Trappean magmatism in the Lower Basin and lower Podkamennaya Tunguska Valley and magnetite mineralization associated with it] Traps i ikh magmatizm basseina r. Bakhty i nizov'ev Podkamennoi Tunguski i sviaz' s nim magnetitovogo orudeneniia Moskva, Izd-vo Akad. nauk SSSR, 1962. 87 p. (Akademiia nauk SSSR. Institut geologii rudnykh mestorozhdenii petrografii, mineralogii i geokhimii. Trudy, no. 71)

POETICS

Kondratov, A. M. [Mathematics and poetry] Matematika i poeziia. Moskva, Izd-vo "Znanie," 1962. 47 p. (Novoe v zhizni, nauke, tekhnike. IX Seriia Fizika i khimiia no. 20)

POISONOUS ANIMALS

Poisonous and antimicrobic substances in the tissues of some marine invertebrates. B. V. Cheshunov. Trudy MMBI no. 4:244-249 '62.

POLAND—BOUNDARIES—GERMANY

The kind of peace the Bonn revanchists want. I. [illegible] shev. Nov. vrem. 20 no. 39:6-8 S '62.

POLAND—COMMERCE

New work methods in commerce. Mieczysław [illegible] s. Sov. torg. 35 no. 7:41-44 Jl '62

POLAND—COMMUNIST PARTY

Special issues of Polish periodicals devoted to the 20th anniversary of the Polish Workers' Party. P. K [illegible] fat. zhur. 6 no. 4:101-103 Jl-Ag '62.

POLAND—COOPERATIVE SOCIETIES

Cooperative movement in Poland. B. Galenza. Sov. potreb. koop. 6 no 7:53-55 Jl '62.

POLAND—CRAYFISH—DISEASES AND PESTS

"Diseases of fishes and crayfish" [in Polish] by B. Kocylowski and T. Mlaczynski. Reviewed by V M Ivasik Zool zhur 41 no.7:1115-1117 Jl '62

POLAND—ECONOMIC POLICY

Material balances in the planning practice of the Polish People's Republic. O A Solov'ev Och. po sovr soy i zarub. ekon no. 3:147-167 '62.

POLAND—FISHES—DISEASES AND PESTS

"Diseases of fishes and crayfish" [in Polish] by B. Kocylowski and T. Mlaczynski. Reviewed by V M Ivasik. Zool zhur. 41 no.7:1115-1117 Jl '62

POLAND—HISTORY

Naszkowski, Marian. [Days of unrest; reminiscences of the 1930's. Translated from the Polish] Nespokoinye dni; vospominaniia o tridtsatykh godakh. Moskva, Izd-vo inostr. lit-ry, 1962. 269 p.

POLAND—HOSPITALS, OPHTHALMIC AND AURAL

Eye clinics in the Polish People's Republic. I.I.Smolianinova. Vest.oft. no.1:83-85 '62.

POLAND—LABOR AND LABORING CLASSES

On the eve of the Fifth Congress of Polish Trade Unions. I. Loga-Sowinskii. Vsesm.prof.dvizh. no.10:27-31 O '62.

POLAND—MATHEMATICS—PERIODICALS

From the pages of the methodological periodical "Matematyka"; people's Republic of Poland I.B Veitsman Mat v shkole no 4.80-83 Jl-Ag '62

POLAND—PEASANT UPRISINGS

They struggled for a happy life, on the 30th anniversary of an uprising in Lesko County. I.D.Krasovs'kyi, O.I Savych. Ukr.ist.zhur. 6 no 5.141-142 S-O '62.

POLAND—PHYSICAL EDUCATION AND TRAINING—PERIODICALS

Review of the periodical "Kul'tura Fizychna" (Physical Education," organ of the Central Committee on Physical Education and Tourism of the Polish People's Republic, Nos. 1-12, 1961). L. Miskii. Teor. i prak.fiz kul't. 25 no.8:44-47 Ag '62.

POLAND—RELATIONS (GENERAL) WITH THE UKRAINE

"How the Ukrainian S.S.R. cooperated with the Polish People's Republic, 1944-1960" by I.F.Evseev. Reviewed by S.Antoniuk, I.Kunduba. Komm. Ukr. 38 no.10:86-90 O '62.

POLAND—RESEARCH

Polish science in the service of socialism. H.Jablonski. Vest.AN SSSR 32 no.11:105-109 N '62.

POLAND—TECHNICAL EDUCATION

"School, life and work" [in Polish]. Reviewed by Roman Polny. Sov.pedag. 26 no.6 147-151 Je '62.

POLAND—TRADE UNIONS

On the eve of the Fifth Congress of Polish Trade Unions. I. Loga-Sowinskii. Vsesm.prof.dvizh. no.10:27-31 O '62.

POLAR COORDINATES see Coordinates, Polar

POLARISCOPE

Automatic electric polarimeter. V.N.Dudinov, O.I. Bugaenko. Uch.zap.KHGU 122:100-102 '62

The IEP23 automatic electronic polarimeter. L V Ksanfomality. Uch.zap KHGU 122:91-99 '62

Photographic and photoelectric polarimetry of the moon with light filters. K.N.Derkach. Uch.zap KHGU 122.79-85 '62.

Theory of the nonideal circular polariscope. Kh.K. Aben. Opt.i spektr. 13 no.2 256-258 Ag '62.

POLARIZATION (ELECTRICITY)

Electric polarization of pyroelectric crystals in all-round compression or tension I.S.Zheludev, M.M. Taglova. Kristallografiia 7 no.4:580-582 Jl-Ag '62.

Theoretical foundations of the experimental determination of the increments of polarization constants in crystals. V.A.Shamburov. Kristallografiia 7 no.4: 593-600 Jl-Ag '62.

POLAROGRAPHY

Effect of deoxyribonucleic acid and diisopropyl fluorophosphate on the polarographic wave of subtilisin. I.D. Ivanov, E.E.Rakhleeva, V.G.Krylova. Dokl.AN SSSR 146 no.4:841-844 O '62.

Equipment for polarography. P.IA.IAkovlev, R.D. Malinina. Zav.lab. 28 no.11:1398-1400 '62.

Indirect method of polarographic determination of cyclohexanone oxime, hydroxylamine, aci-form of nitrocyclohexane, nitromethane, and nitroethane. IA.I. Turian, V.V.Smekalova. Zav.lab. 28 no.8:923-926 '62.

Irreversible polarographic catalytic space waves of hydrogen V.G.Levich, B.I.Khaikin Dokl.AN SSSR 147 no.1:140-149 N '62.

Polarographic kinetic currents due to the slower formation rate of pyridine complexes of nickel. Kinetics of complex formation. IA.I.Turian. Dokl.AN SSSR 146 no.4:848-851 O '62.

Polarographic method of studying the thermal decomposition of acetone diperoxide in organic solvents. B.N.Moryganov, A.I.Kalinin, L.N.Mikhotova. Zhur. ob.khim. 32 no.11:3476-3483 N '62.

Polarographic study of hexamethylene-1, 6-bis-dimethylamine. A.I.Lopushanskii, M.V.Pokhmurskaia. Zhur. ob.khim. 32 no.10.3135-3137 O '62.

POLESYE—TULAREMIA

Zoological and parasitological characteristics of a natural tularemia nidus in western Polesye of the Ukrainian S.S.R [with summary in English]. V.L Adamovich. Zool.zhur. 41 no.9.1287-1305 S '62.

POLIBINO REGION (PSKOV PROVINCE)—MOUNDS

Burial mounds near the Polibino village in the Lovat' Valley. IA.V.Stankovich. Krat.soob.Inst.arkheol. no.87 31-36 '62.

POLIOMYELITIS

(see also subdivision under Tashkent)

Indications for tracheotomy in respiratory disorders as a consequence of poliomyelitis [with summary in English]. V.P.Doroshchuk. Zhur.ush.,nos i gorl bol 22 no 2,28-32 Mr-Ap '62.

Main problems in poliomyelitis having epidemiological significance. S.B.Dubrovinskii. Trudy TashNIIVS 6 125-139 '61.

Significance of and methods for a clinical epedemiological study of poliomyelitis and the focus of the infection. S B.Dubrovinskii Trudy TashNIIVS 6:141-154 '61

POLIOMYELITIS—CONGRESSES

Second Soviet-American Conference on Poliomyelitis [in Latvian]. R.Kukaine. Izv.AN Latv.SSR no.4:145-146 '62.

POLIOMYELITIS—PREVENTION see subdivision under Latvia

POLIOMYELITIS—PREVENTIVE INOCULATION

Characteristics of the tuberculin tests in children inoculated during early infancy with peroral BCG vaccine and live poliomyelitis vaccine. R.Kukaine and others. Izv.AN Latv.SSR no.7 115-117 '62.

Effect of vaccination on the protective properties of childrens' saliva in relationship to the poliomyelitis virus [with summary in English] M S Ivanova-Sobinova Vop.virus. 7 no 5:544-547 S-O '62.

Effectiveness of the immunization with live vaccine of children previously vaccinated with Salk vaccine. I Kanele. Izv.AN Latv.SSR no.7.107-110 '62.

POLIOMYELITIS VACCINE

Intestinal viruses carrier state in healthy children before and after vaccination with live poliomyelitis vaccine [with summary in English]. A.Voirat. Izv.AN Latv.SSR no.4:139-144 '62

POLIOMYELITIS VIRUSES

Effect of vaccination on the protective properties of childrens' saliva in relationship to the poliomyelitis virus [with summary in English]. M.S.Ivanova-Sobinova Vop virus. 7 no.5:544-547 S-O '62.

Materials from laboratory studies of the survival in the soil of some enteroviruses (poliomyelitis, ECHO, Coxsackie) [with summary in English] G A. Bagdasarian, Vop.virus. 7 no.5:551-554 S-O '62.

Titration of the tick-borne encephalitis virus and virus-neutralizing antibodies in a culture of human embryonal fibroblasts by the poliomyelitis virus interference phenomenon [with summary in English]. A.D. Altshtein. Vop.virus. 7 no.5.529-534 S-O '62.

POLITICAL PARTIES see subdivision under Africa, South

POLITICAL PRISONERS see subdivision under Greece

POLITICAL SCIENCE

(see also subdivision under France; United States)

An animated and useful discussion. Kommunist 39 no.17:91-92 N '62.

"Correlation of real power and legal norms in the work of political institutions" [in French] by W.J. Ganshof van der Meersch. Reviewed by D.D. Averin. Izv.vys. ucheb.zav., prav. 6 no.3:159-161 '62.

Let us disseminate political knowledge among the masses. B.Mikhailov, F.Semenov. Kommunist 39 N '62.

Our readers are discussing the book "Basic principles of political science." Kommunist 38 no.17:88-91 N '62.

POLITICAL SCIENCE—BIBLIOGRAPHY see Bibliography—Political science

POLITICAL SCIENCE—STUDY AND TEACHING

Subject that was missing. V. Boikov. Nar.obr. no.12: 47-51 D '62.

POLLEN

Size and quantity of pollen grains in some lines and varieties of corn. S.N.Movsesian. Izv.AN Arm.SSR, Biol.nauki 15 no.9:57-61 S '62.

POLLINATION see Fertilization of plants

POLONIUM

Anomalous α-emitters in the Po-Ra region [with summary in English]. V.A.Karnaukhov, Zhur.eksp.i teor.fiz. 42 no.4:973-978 Ap '62.

POLONIUM—ISOTOPES

On the α-decay of neutron-deficient Po isotopes. B.N. Beltsav, A.V Kaliamin, A.N.Murin Izv AN SSSR. Ser fiz. 26 no.8:1034-1036 Ag '62

POLOTSK—CHURCH ARCHITECTURE—DESIGNS AND PLANS

History of the Polotsk architecture of the 12th century. N.N.Voronin. Krat.soob.Inst.arkheol. no.87:102-104 '62.

POLOTSK—MACHINE-TOOL INDUSTRY

Consciousness of a woman worker. Pelaheia Miaieshka. Rab.i sial. 38 no.11:3 N '62.

POLTAVA—LATITUDE VARIATION

Latitude variations at Poltava based on observations performed on the Zeiss zenith-telescope during the period June 1956 through May 1957 I P.Ogorodnik, E.I Evtushenko, O V. Chuprunova. Trudy Polt grav.obser 11:104-110 '62.

Using the Danjon prismatic astrolabe in observations of latitude variations at Poltava. N.I Panchenko, A.A Slavinskaia Trudy Polt.grav.obser. 11.3-15 '62.

POLTAVA PROVINCE—ARTIFICIAL INSEMINATION

Results of artificial insemination of swine under farm conditions. A.I. Arkhipovets, S F. Dudchenko Zhivotnovodstvo 22 no.2 78-82 F 60

POLTAVA PROVINCE—SEMEN—PRESERVATION

Preservation of bull semen without cooling. A.I.Apkhipovets. Zhivotnovodstvo 23 no 2:54-57 F '61.

POLYAMIDES

Preparation of "adimins" fibers. V.M.Kharitonov and others. Khim.volok. no.5:47-49 '62.

Relation between physicomechanical properties and the nature of secondary structures in crystallizing polymers Part 2 Photomicrographic investigation of the spherolate structure of polyamide 68 in bulk [with summary in English] A V. Ermolins, L A Igonin, V A Kargin Vysokom soed 4 no.9 1380-1384 S '62

Stabilization of polyamide films for agriculture. M. B. Neiman and others. Plast massy no.10:6-8 '62.

POLYETHYLENE

Chemistry and technology of synthetic polymers. Modification of properties of polyethylene by the surface oxidation method A A Berlin, S.F. Bulacheva, IU L Morozov. Plast.massy no 10 3-5 '62

Using polyethylene for electric insulation of rods of trolley bus current collectors. N. Vol'vak. Zhil.-kom. khoz. 12 no.11:21-23 N '62.

POLYETHYLENE—SPECTRA

Thermal degradation of polyethylene. M.A.Magrupov, N.A.Slovokhotova. Dokl.AN SSSR 146 no.4:826-829 O '62.

POLYMERIZATION

Block polymerization of styrene in a tube still. V.V. Utkin, A.N. Levin. Plast.massy no.10 8-11 '62

Carbochain polymers and copolymers. Part 41. Synthesis, polymerization, and copolymerization of vinylphosphinic amides [with summary in English] G S Kolesnikov and others Vysokom soed 4 no.9:1385-1389 S '62

Chemistry of unsaturated ethers. Part 15: Telomerization of vinyl ethyl ether with acetaldehyde acetal. Synthesis of 1-alkoxypolyenes. S.M. Makin, V.S.Sudakova. Zhur.ob.khim. 32 no.10:3161-3166 O '62.

Chemistry of unsaturated ethers. Part 16: Telomerization of 1-alkoxy-1, 3-dienes with acetals of unsaturated aldehydes. S.M. Makin, I.N. Rozhkov, V.S Sudakova. Zhur.ob.khim. 32 no.10:3166-3170 O '62.

Kinetics of inhibition of radical polymerization. Part 7: Effect of halogen-substituted quinones on the initiated polymerization of styrene [with summary in English] F Tidds, L.Simandi, M Azori Vysokom.soed 4 no.9:1431-1444 S '62.

Mechanism underlying the action of complex catalysts in the process of polymerization. B.A.Dolgoplosk, E.I.Tinikova. Dokl.AN SSSR 146 no.4:856-859 O '62.

Polarographic study of the polymerization kinetics of acrylamide. E.M. Skobets, G.S. Nestiuk. Ukr.khim zhur. 28 no.8:934-938 '62.

Polymerization of diene hydrocarbons under the influence of organomagnesium compounds [with summary in English] B. A. Dolgoplosk and others Vysokom.soed. 4 no 9:1333-1337 S '62

Polymerization of 4-phenyl-1-butene in the presence of a Ziegler type catalytic system. A.V.Topchiev, G.I. Chernyi, V.N.Andronov. Dokl.AN SSSR 146 no.4: 833-836 O '62.

Polymerization mechanism of vinylethynylcarbinols. S.G. Matsoian, N.M.Morlian, Al'b.A.Saakian, Izv. AN Arm.SSR. Khim.nauki 15 no.4:405-406 '62.

Polymerization of some organic oxides. Part 1. Polymerization of epichlorhydrin [with summary in English]. L. A. Bakalo, B. A. Krentsel', A.V. Topchiev Vysokom.soed 4 no.9:1361-1365 S '62.

Polymerization of vinyl ethyl sulfone under the effect of free radical initiating agents. M.F.Shostakovskii, D.N.Prilezhaeva, A.V.Sviridova. Dokl.AN SSSR 146 no.4:837-839 O '62.

POLYMERIZATION (Continued)

Products with an odd number of monomeric links formed in the thermal polymerization of 1,3-cyclohexadiene B V Erofeev, S F Naumova, L G TSykalo Dokl AN SSSR 147 no 1 106-107 N '62

Reactivity of acetals and ionic telomerization. A.V. Bogdanova, G I Plotnikova, M F Snostakovskii. Usp.khim. 31 no 10 1165-1178 O '62.

Some laws governing emulsion polymerization. S S. Medvedev and others Probl fiz.khim. no 1 5-17 '58.

Specific features of solid-phase radiation polymerization in the course of irradiation I.M Barkalov and others. Dokl AN SSSR 147 no 2 395-398 N '62

Study of heterogeneous catalyst systems based on cobalt oxides and salts, and organoaluminum compounds [with summar. in English] R N Kovalevskaia, F I Timakova, B A Dolgoplosk Vysokom soed 4 no 9 1338-1344 S '62

Synthesis of graft copolymers by the action of polymeric organimetallic compounds on polar polymers and a study of their properties Part 1 Synthesis of graft copolymers of styrene and methyl methacrylate S P Mitsengendler and others [with summary in English] Vysokom soed 4 no 9 1366-1374 S '62

Synthesis of polymers Part 6 Polymerization of methyl methacrylate activated by photooxidation in the presence of sensitizers [with summary in English] G P Gladyshev, S R Rafikov Vysokom soed 4 no 9 1345-1350 S '62

POLYMERS

Adsorption of radioactive isotopes on non-ion exchanging polymer adsorbents. Part 3 Adsorption of cesium, thallium, silver, and strontium on fluoroplast 4 and polyethylene I.E Starik, V N Shchebetkovskii, I. A. Skul'skii Radiokhimiia 4 no.4 393-398 '62.

Chemical flow in polymers. V.A Kargin, T.I Sogolova. Probl fiz.khim no.1 18-21 '58

[The chemistry and technology of polymers; translations from foreign periodical literature] Khim. i tekh. polim.; sbor. perev. iz inostr. period. lit. 6 no. 12 '62.

"Coke industry by-products for the manufacture of polymer materials" by M.S. Litvinenko, I.M. Nosalevich. Reviewed by N.I.Simonenko Khim.prom. no.9-898 S '62

Comparison of various equations for the deformation of network polymers with experimental data [with summary in English] L A Vishnitskaia, G M Bartenev Vysokom soed 4 no 9 1324-1332 S '62

Effect of the compatibility of adhesive polymers with casing rubber on the adhesive strength of rubber-cord systems. V.E Basin, A A Berlin, R V Uzina Kauch. i rez. 21 no 9 12-17 S '62.

Evaluation of the flexibility of polybutylene chains based on sorption data G M Pavliuchenko, T V Gatovskaia, V.A kargin Dokl AN SSSR 147 no.1 150-152 N '62

Evaluation of the microtacticity of polymer chains from the temperature dependence of their dimensions [with summary in English] O B Ptitsyn Vysokom soed 4 no 9 1445-1446 S '62

Latex-cement glues A.A Domashevskii Stroi mat 8 no 10 40-3 of cover O '62

Mezentsev, V. A. [World of polymers] Mir polimerov. Moskva, Izd-vo "Znanie," 1962. 55 p (Novoe v zhizni, nauke, tekhnike. IV Seriia: Tekhnika, no 2)

Preparation and properties of polyphenylene-type polymers Part 2 Preparation of polyarylenemethyls by polycondensation of aromatic hydrocarbons with their bis-acetoxy and bis-chloromethyl derivatives [with summary in English]. A A Vansheidt, E P Mel'nikova, G A Gladkovskii. Vysokom soed 4 no 9 1303-1309 S '62

Radiation chemistry of polymers. V.L.Karpov. Probl. fiz.khim. no.1 22-30 '58.

Synthesis of polymers Part 7 Photooxidative activation of oligomeric polyacrylate ester by the visible region of spectrum [with summary in English] S R Rafikov, [illegible] Vysokom soed 4 no 9 1351-1353

reativeness. V. Azernikov Nauka i
9-53 My '62.
l oxidative degradation of some con-
B M Kovarskaia Plast massy

nd others. [Managing polymers]
limery. [Tambov] Tambovskoe
62. 78 p.

RAPHY see Bibliography—

alytic functions by polynomials in a
gions. P.IA Kiselev Ukr.mat.
-265 '62.

orous inequalities between the
oots in the transformation of
by Lobachevskk-Gräffe's method.
okl.AN SSSR 147 no.2 287-289 N

nshtein's theorem on the form of
metric polynomials to the case of
r of relations between the coef-
omials. I.A Grigor'eva. Dokl.
86 N '62.

Some generalizations of V.A. Markov's problem and his fundamental theorem corresponding to the Chebyshev - Markov criterion. Part 2 [with summary in English] V.D. Koromyslychenko Ukr. mat. zhur. 14 no 2:145-159 '62.

Some inequalities for polynomials and integral functions. R P Boas, K I Rakhman Dokl AN SSSR 147 no 1. 11-12 N '62.

Use of interpolation polynomial operators for solving the problem of moments D.L. Berman. Ukr mat zhur 14 no. 2:184-190 '62.

POLYPROPYLENE CRYSTALS

Some features of stress relaxation in isotactic crystalline polypropylene. V.A.Kargin, T.I.Sogolova, N.P. Pavlichenko. Dokl.AN SSSR 147 no.2:407-409 N '62.

POLYPS see Coelenterata

POLYSACCHARIDES

Connection between mucopolysaccharides of the stroma and intensity of growth of a cancerous tumor [with summary in English]. G. Grigalunovich Izv. AN Latv. SSR no 4 111-116 '62

150th Anniversary of the discovery of catalytic hydrolysis of polysaccharides. D.V.Zheltukhin. Kin.i kat. 3 no 2:301 Mr-Ap '62.

Toxicity of the polysaccharide fraction of the toxin of Botrytis cinerea. V.A.Aksenova. Dokl.AN SSSR 147 no.2,196-198 N '62.

POLYUDOV RIDGE—GEOLOGY, STRATIGRAPHIC

Comparison of the cross section of Riphean deposits of the Polyudov Ridge and the Southern Urals. M.E. Raaben, V.S.Zhuravlev. Dokl.AN SSSR 147 no.2 448-451 N '62.

POLYZOA see subdivision under Novaya Zemlya

POLYZOA, FOSSIL

Fogt, E. [Upper Cretaceous Bryozoa of the European part of the U.S.S.R. and some adjacent territories] Verkhnemelovye mshanki Evropeiskoi chasti SSSR i nekotorykh sopredel'nykh oblastei. [Moskva] Izd-vo Mosk univ., 1962. 124 p. [With summary in German]

POPLAR see subdivision under Ukraine

POPLAR—DISEASE AND PEST RESISTANCE see subdivision under Soviet Central Asia

POPOV, EVGENII ALEKSEEVICH, 1899-1961

Evgenii Alekseevich Popov. Zhur. nevr. i psikh. 61 no. 10:1594-1595 '61.

POPOV, TIKHON DIMITRIEVICH, 1070-1962

Professor Archpriest Tikhon Dimitrievich Popov; obituary V. Talin. Zhur Mosk Patr. no. 9 10-13 S '62.

POPOVIAN, IVAN MINAEVICH, 1901-

I M. Popovian Khirurgiia no 12 130-131 '61.

POPOVICH, PAVEL ROMANOVICH, 1930-

In a supersonic fighter. P. Popovich. Av. i kosm. 45 no 11 21-25 '62.

Sokolov, V. D., ed. [The first group space flight] Pervyi gruppovoi kosmicheskii. Moskva, Voenizdat, 1962. 158 p

[MICROFILM]

POPULAR FRONTS see subdivision under Bulgaria

POPULAR MEDICINE see Medicine, Popular

POPULATION see subdivision under Tashkent

POPULATION—STATISTICS

Modern practice in the sampling study of population. A G. Volkov Vop. stat i ucheta no. 5 192-227 '61.

POPULATIONS, ANIMAL see Animal populations

PORCELAIN see subdivision under Soviet Central Asia

POROSITY

Exposure of the porosity of graphitized iron alloys. A.A. Baranov, S.L. Voitselenok. Zav. lab. 28 no. 11: 1341-1342 '62.

POROUS MATERIALS

Aksel'rud, G.A. [Theory of the diffusion extraction of substances from porous bodies] Teoriia diffuzionnogo izvlecheniia veshchestv iz poristykh tel. L'vov, L'vovskii politekhn. in-t, 1959. 233 p.

Porous materials on the basis of condensation structures. I.N. Vlodavets, P.A. Rebinder. Vest. AN SSSR 32 no. 11:80-87 N '62.

Specific heats of evaporation of moisture from disperse bodies. V.M. Kazanskii. Dokl.AN SSSR 146 no.4: 860-863 O '62.

PORPHYRY

Lightweight concretes made with expanded vitrophyre M Z. Vainshtein Bet i zhel - bet. 8 no. 11:513-517 N '62.

PORTLAND CEMENT
(see also subdivision under Uzbekistan)

Effect of specific surface on the sulfate resistance of gliezh portland cement M I Minkin, henkov Kon taem. i mery borby s nei no [illegible] '62

Effect of the duration of cement preheadening to ware on its sulfate resistance Kon taem i mater bor nei no 2 91-106 '62.

Effect of the kinetics and conditions of the crystallizat of sulfates on the sulfate resistance of gliezh portland cement F I. Glekel', L Kh Kolontarov Kon taem i mery borby s nei no 2 158-171 '62

Frost resistance of autoclaved portland cement with burned-clay additives. L.Kh. Kolontarov, A.I. chinskii. Uch. zap SARIIMSa no 5 107-[illegible] '62

Study of the sulfate resistance of gliezh portland cement by the differential thermal analysis. Sh.M. Rashidbaev, I.S. Kantsepol'skii Kon taem i mater bor nei no 2 172-176 '62

Sulfate resistance of autoclave-treated gliezh portland cement in solutions of plastic consistency I.Kh. Kolontarov, A.I Stravchinskii Kon taem i mery borby s nei no 2 177-179 '62.

PORTRAITS

Domosilenova, G.I., [Image of the man of our times in Soviet portrait art] Obraz nashego sovremennika v sovetskom portretnom iskusstve. Moskva, Izd-vo Akad. khudozh. SSSR, 1962. 54 p. (Biblioteka posobie brazitel'nomu iskusstvu dlia nauchnykh universal'nykh bibliotek kul'tury, khudozhestvennoi samodeiatel'nosti i shkol'nykh bibliotek)

PORTUGAL—COLONIES—AFRICA see Africa Portuguese colonies

POSITRONS

Positron spectrum of Ag^{110}. N. G. Gusakov and [illegible] Izv. AN SSSR Ser. fiz 26 no 8:1011-1013 Ag '62

POSOSHKOV, IVAN TIKHONOVICH, 1652-1726

New data on I. T. Pososhkov. M. IA. Volkov. Ist. sb. 8 no. 9:245 Je-F '62.

POSTAGE STAMPS
(see also subdivision under Cuba)

Our friends' postage stamps A Nikolaev [illegible] torg. 14 no 9 17-18 '62

POSTAGE STAMPS—TOPICS—COAL MINERS

The language of postal stamps F. Podgoretskii [illegible] shakht. 11 no 11 29 N '62.

POSTAL SERVICE

Interdistrict newspapers should be delivered with greater speed. B.G. Vanshavskii. Vest. sviazi 22 no. 10:24 O '62.

Use every means to improve mail transportation V.V. Matseev. Vest. sviazi 22 no. 10:11-12 O '62.

POSTERS

Khalaminskii, IU. IA. [The Soviet poster] Sovetskii plakat. Moskva, Sovetskii khudozhnik, 1962. 54 p. (Besedy ob iskusstve, no. 10)

A skilled painter of political posters M Pichkur Agitator no 21,0-1 N '62

POSTOPERATIVE CARE

Some problems in managing the postoperative period following resection of the lungs for tuberculosis. Zdrav. Kazakh. 22 no. 6 13-17 '62.

POSTURE

Importance of some head and body positions in [illegible] for the correct differentiation of sound conditioned stimuli under conditions of free movement [with summary in English]. V.I. Syrenskii. Biul eksper i med. 54 no. 7:6-10 Jl '62.

POSTYSHEV, PAVEL PETROVICH, 1888-

A faithful disciple of Lenin. Vop. ist. KPSS 6 no. 4 228-230 '62.

POTASH

Frost resistance of concretes with an addition of [illegible] E. V. Lavrinovich. Bet. i zhel. - bet. 8 no 11 [illegible] N '62.

Hardening of concrete with an addition of potash in freezing weather S A. Mironov, B. A. Krylov, P. N. Ukhov. Bet. i zhel. - bet. 8 no 11 483-487 N '62

POTASSIUM

Possibility of the extractive separation of rubidium and potassium. B. D. Stepin, V. D. Pitushkev, [illegible] Khim. prom. no. 6 404-408 Je '62.

POTASSIUM ALUMINATE

Desiliconization of pure potassium aluminate solutions in presence of chemical additives. M. G. Manvelian and others. TSvet. met. 35 no. 11:68-74 N '62.

Desiliconizing pure potassium aluminate solutions. M. G. Manvelian and others. TSvet. met. 35 no. 7:[illegible] Jl '62.

POTASSIUM BROMIDE CRYSTALS

Temperature dependence of elastic anisotropy of potassium chloride and bromide crystals. L.A Kalashnikova Kristallografiia 7 no. 4:639-641 Jl-Ag '62

POWER PRESSES (Continued)

Rigidity of a two-way mechanical press and its effect on extrusion processes. A. A. Bobrik. Vest. mashinostr. 42 no. 11 63-66 N '62.

Shaposhnikov, D. E. [Making forgings on hot-stamping presses] Izgotovlenie pokovok na goriacheshtampovochnykh pressakh, opyt kuznechnogo tsekha Moskovskogo zavoda malolitrazhnykh avtomobilei. Moskva, Mashgiz, 1962. 178 p.

POWER PRESSES—BRAKES

Precise calculations of disk brakes for forging crank presses. V. I. Vlasov. Kuz.-shtam. proizv. 4 no. 11 24-29 N '62.

POWER PRESSES—SAFETY APPLIANCES

Searcher. B. Liubimov. Okhr. truda i sots. strakh. 5 no. 10 26-27 O '62.

POWER RESOURCES

(see also subdivision under Japan, North America; Soviet Central Asia)

Effective sources of electric power and raw materials. N. Pokrovov. Agitator no. 24 19-24 D '62.

Several methodological problems of the fuel power balance. S. Listchkin, L. Tomashpol'skii. Vop. ekon. no. 11 46-56 N '62.

POZNAN—LATITUDE

Program of latitude observations for Irkutsk and Poznan Observatories. E. V. Lavrent'eva. Trudy Polt. grav. obser. E. V. Lavrent'eva. Trudy Polt. grav. obser. 11:111-129 '62.

POZZUOLANAS—CORROSION

Linear deformations in the sulfate corrosion of pozzuolana portland cements. F. L. Glekel'. Kor. tsem. i mery bor'by s nei no. 2 146-157 '62.

PRAGMATISM

Gnosiology of pragmatism and the theory of linguistic symbols. L. O. Reznikov. Nauch. dokl. vys. shkoly; filos. nauki 5 no. 5:65-73 '62.

PRAGUE—ART GALLERIES AND MUSEUMS

Treasures of the Prague Kremlin. Jan Janu. Ukraina no. 23 23 D '62.

PRAVDA

Lenin's "Pravda" is 50 years old. Voen. vest. 42 no. 5 3-6 My '62.

PRECAST CONCRETE

Basis for calculating the deformations of reinforced concrete elements in the draft of the new standards. N. M. Mulin and others. Bet. i zhel.-bet. 8 no. 11 491-496 N '62.

Machine for cleaning and lubricating molds. L. F. Muravitskii, L. I. Zil'bergleit. Bet. i zhel.-bet. 8 no. 11 517-518 N '62.

"Precast reinforced concrete foundations of frame buildings" by S. A. Rivkin, D. A. Korshunov, M. M. Frenkel'. Reviewed by K. K. Antonov. Bet. i zhel.-bet. 8 no. 11 3 of cover N '62.

Using a method of heating concrete with infrared rays. V. I. Bocharov, V. I. Gorokhovskii, N. N. Danilov. Prom. stroi. 40 no. 9 29-31 '62.

PRECAST CONCRETE CONSTRUCTION

(see also subdivision under Armenia; Donetsk Province; Germany, East; Germany, West; Kalinin Province; Kharkov; Maritime Territory; White Russia)

[illegible] spravochnoe posobie. Pod red. V. P. Proskurnina. Moskva, Gosstroiizdat, 1962. 94 p.

Assembly of reinforced concrete elements of the main building of the Volga Thermal Electric Plant. T. N. Neznaev. Prom. stroi. 40 no. 8:18-22 '62.

Erection of livestock buildings using industrial methods. P. Lipkin. Sel'. stroi. no. 10:14 O '62.

First thin-section three-dimensional roofs of precast reinforced concrete. A. L. Punin. Stroi. i arkhit. Len. 24 no. 10:32-33 O '62.

Golovkin, B. I. [Large-panel construction of dwellings in Kazakhstan] Krupnopanel'noe stroitel'stvo zhilishch v Kazakhstane. Alma-Ata, Kazakhskoe gos. izd-vo, 1962. 284 p.

Hothouses and hotbeds made of precast reinforced concrete. D. Topchii, B. Mylashenko. Sil'. bud. 12 no. 9: 10-11 S '62.

Improving elements for large-panel housing construction. V. Lelychenko. Bud. mat. i konstr. 4 no. 5:6-11 S-O '62.

Industrial building with a span of 24 m. and with a column network 24 X 12 m. N. Tarasevich. Prom. stroi. i inzh. soor. 4 no. 2:4-8 Mr-Ap '62.

Litvinov, P. P. [Framed-slab foundations in housing and public construction] Ramno-panel'nye fundamenty v zhilishchno-grazhdanskom stroitel'stve. Leningrad, 1962. 16 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Serila: Stroitel'naia promyshlennost', no. 11)

Multistory houses in villages in Volgograd Province. V. Grinitskin. Sel'. stroi. no. 10:15 O '62.

Precast bathrooms made of local materials. V. Sytnik, A. Sobolev, V. Popov. Stroi. i arkhit. 10 no. 10 28 O '62.

Precast concrete framework with compound joints for structures serving various purposes. S. M. Zhuk. Izv. ASIA 4 no. 1:63-72 '62.

Precast reaction chambers of filter plants made of large-panel elements. N. Kalmeliuk. Prom. stroi. i inzh. soor. 4 no. 2:41-45 Mr-Ap '62.

Precast reinforced concrete in road construction [with summary in English]. S. A. Vavilova. Trudy Inst. seism. stroi. i seism. 9 :163-172 '61.

Precast reinforced concrete tanks. N. Konlaev, A. Gekhman. Stroitel' 8 no. 10:3-4, 4 of cover O '62.

"Prefabricated reinforced concrete in underground construction" by V. I. Bespalyi and others. Reviewed by G. A. Katkov. Ugol' Ukr. 6 no. 8 45-46 Ag '62.

Raise the quality of welded joints in precast construction. I. Komolov. Stroitel' 8 no. 10,16-19 O '62.

Raising the quality of large-panel housing construction. Biul. stroi. tekh. 19 no. 5 3-6 My '62.

Rapid assembly of the electrolysis buildings of an aluminum plant. A. E. Bondarev, P. I. Akimov. Prom. stroi. 40 no. 6 11-16 '62.

Rural buildings made of reinforced concrete elements. M. Oreshin, P. Kachanov. Sel'. stroi. no. 10 7-9 O '62.

Soveshchanie po sbornym zhelezobetonnym vodosbrosnym sooruzheniiam, Moscow, 1960. [Precast reinforced concrete spillway structures] Sbornye zhelezobetonnye vodosbrosnye sooruzheniia, materialy soveshchaniia. Pod red. A. R. Berezinskogo. Moskva, Gosenergoizdat, 1962. 151 p.

Standardize the structural elements of petroleum refinery installations. G. V. Kurdiukov. Prom. stroi. 40 no. 9 6-9 '62.

Strength and elastic properties of the concrete in the tunnels of the Leningrad subway. IA. E. Ickhel'son. Shor. trud. LIIZHT no. 174 143-176 '60.

PRECAST CONCRETE CONSTRUCTION—COSTS

Large-panel construction is the main path for reducing the costs of housing construction. B. Zaremba. Ekon. stroi. no. 11:12-18 N '62.

PRECAST CONCRETE CONSTRUCTION—STANDARDS

A certain mistake in a standard plan. B. V. Lopatin. Prom. stroi. 40 no. 8:57 '62.

"Instructions SN 180-61 for the assembly and inspection of precast reinforced concrete elements" A. Z. Smol'skaia, V. I. Rumiantsev. Prom. stroi. 40 no. 8:61-62 '62.

"Temporary instruction VU 10-61 for assembly of the precast reinforced concrete elements of blast-furnace plants" N. A. Boloban, V. I. Rumiantsev. Prom. stroi. 40 no. 8:62-63 '62.

PRECIPITATION (CHEMISTRY)

Apparatus for precipitating particles of zinc oxide aerosols in a low-frequency acoustic field. V. I. Nikitenko, V. I. Turubarov. Akust. zhur. 8 no. 3:370-372 '62.

Coprecipitation of cerium with K_2SO_4 crystals. Part I. State of cerium in solutions of K_2SO_4. S. G. Babaian, I. V. Melikhov, M. S. Merkulova. Radiokhimiia 4 no. 4: 381-387 '62.

Coprecipitation of small amounts of selenium and tellurium with iron hydroxide. Report No. 2. Coprecipitation of tellurium. V. M. Tarasian, G. M. Arutamian. Izv. AN Arm. SSR, Khim. nauki 15 no. 4 329-336 '62.

Thermoprecipitator with a movable heating element. V. P. Kurkin. Zav. lab. 28 no. 8:1001-1002 '62.

PRECIPITATION (METEOROLOGY) see subdivision under Putorana Mountains; White Russia

PREDNISONE

Prednisone therapy of children with the acute and chronic forms of Werlhof's disease [with summary in English]. IU. E. Malakhovskii. Sov. med. 26 no. 6:74-80 Je '62.

PREGNADIENETRIONE

Electrical activity of the brain of brucellosis patients during treatment with prednisone and cortisone. S. Zh. Tleulin. Trudy Inst. kraev. pat. AN Kazakh. SSR 12: 192-198 '62.

Liver function changes in rheumatic patients during prednisone and ACTH therapy. I. I. Goncharik. Zdrav. Bel. 8 no. 2:17-21 F '62.

PREGNANCY

Amino acid content in the blood and urine of healthy pregnant women and of those with toxicoses. E. A. Mognian, R. A. Chkhikvadze. Trudy Erev. med. inst. no. 11:317-322 '60.

Protein function of the liver in the toxicoses of pregnancy [in Armenian with summary in Russian]. S. M. Gevorkian. Izv. AN Arm. SSR, Biol. nauki 15 no. 9:47-56 S '62.

PREGNANCY—SIGNS AND DIAGNOSIS

Comparative clinical evaluation of the spermatoid reaction of amphibia (review of the literature and personal observations). A. A. Davidenko. Akush. i gin. no. 1: 63-66 '62.

PREGNANCY, COMPLICATIONS OF

Cataract and pregnancy. O. IU. Akhmedzhanova. Trudy Turk. nauch.-issl. trakh. inst. 6:133-137 '60.

Causes of unequal development of the fetuses in multiple pregnancy [with summary in English]. E. I. Tikhomirova. Akush. i gin. no. 1:54-59 '62.

Diseases of the brain in the chronic form of listeriosis infection [with summary in French]. A. S. Chistovich. Zhur. nevr. i psikh. 62 no. 6:880-885 '62.

Management of labor in women with late toxemias of pregnancy [with summary in English]. F. F. Varaba, S. kaia, N. I. Kazanskaia. Vop. okh. mat. i det. 7 no. 4 57-62 Ap '62.

Pregnancy and a cyst of the ovary. A. K. Belenkov, M. N. Bogomazova. Zdrav. Bel. 8 no. 7 75-76 Jl '62.

Rupture of the ovarian corpus luteum in pregnancy [with summary in English]. A. A. Vasil'ev. Sov. med. 25 no. 6:100-103 Je '62.

Ruptures of the uterus during labor and pregancy. A. A. Mashkeleison. Zdrav. Bel. 8 no. 7 54-55 Jl '62.

Use of new hypotensive agents in late toxicoses of pregnancy. M. I. Anisimova. Sov. med. 26 no. 7 110-111 Jl '62.

PREGNANCY, EXTRAUTERINE

Therapy of cervical pregnancy. K. K. Komeshko. Sov. med. 26 no. 6:106-111 Je '62.

PREGNANCY, MOLAR

Eclampsia in the first half of pregnancy in partial hydatid mole. N. Utkina, IU. Panichkin. Zdrav. Bel. 7 no. 11 55-56 N '61.

PREGNENONE

Steroids. Part 19. Beckmann rearrangement of the oxime of 16β-(δ-acetylamino-γ-methylvaleroxy)-pregnen-3β-ol-20-one acetate. N. N. Suvorov, L. I. Klimova, L. M. Morozovskaia. Zhur. ob. khim. 32 no. 10:3308-3315 O '62.

PRESCRIPTION WRITING

Novik, I. O., and A. I. Marchenko. [Short prescription handbook for the stomatologist] Kratkii retseptiurnyi spravochnik vracha-stomatologa. Kiev, Gosmedizdat, USSR, 1961. 87 p. (DNLM)

PRESERVATION OF MATERIALS

Factors affecting the preservation of cargoes transported by sea. N. A. Panibratets. Trudy TSNIIMF no. 29 104-111 '60.

PRESS see subdivision under Japan

PRESSURE

Specific pressures in hot upsetting with low degrees of deformation. F. D. Bichukin, I. M. Merlin. Kuz.-shtam. proizv. 4 no. 11:5-9 N '62.

PRESSURE—MEASUREMENT

Low-inertia multispot device for measuring and recording pressure. V. I. Korotich. Izm. tekh. no. 9 22-23 S '62.

PRESSURE VESSELS—SAFETY APPLIANCES

Standardize the design of safety valves. G. Epifanov, IU. Ermolov. Bezop. truda v prom. 6 no. 6,33 Je '62.

PRESTRESSED CONCRETE

(see also subdivision under United States)

Manufacture of prestressed trusses for industrial construction. M. Lichinitser. Prom. stroi. i inzh. soor. 4 no. 2:16-21 Mr-Ap '62.

Prestressed bridge elements with wire reinforcement. E. I. Shtil'man, V. S. Korunskii. Bet. i zhel.-bet. 8 no. 10,466-469 O '62.

Reinforced concrete bracing and crane girders with the reinforcement attached against the concrete. Biul. stroi. tekh. 19 no. 5 25-27 My '62.

Use of strand reinforcement in prestressed concrete products. M. A. Shifrin, L. V. Ruf. Prom. stroi. 40 no. 8:46-50 '62.

PRESTRESSED CONCRETE—TESTING

Crack resistance of eccentrically compressed prestressed elements with square section. Sh. IU. TSeitlin, K. I. Mitovidov. Bet. i zhel.-bet. 8 no. 11 498-501 N '62.

The problem of the bearing capacity of prestressed concrete compressed and compressed-curved rods. N. F. Makhnovskii. Shor. trud. LIIZHT no. 174 217-262 '60.

Transfer of stress from the reinforcement to the concrete. V. P. Chirkov. Bet. i zhel.-bet. 8 no. 10 462-466 O '62.

PRIANISHNIKOV, DMITRII NIKOLAEVICH, 1865-1948

Academician Dmitrii Prianishnikov. Aleksandr Popov skii. Nauka i zhizn' 29 no. 5 14-18 My '62.

PRINTING INDUSTRY

Russia (1917- R. S. F. S. R.) Ministerstvo kul'tury. [The press of the Russian Federation] Pechat' Rossiiskoi Federatsii. Moskva, 1961. 35 p.

PRINTING INDUSTRY—EQUIPMENT AND SUPPLIES

[Equipment and technology of the printing industry] Reh. zhur. Otd. vyp. 37: Obor. i tekh. poligr. proizv. no. 23 D '62.

PRINTING MACHINERY AND SUPPLIES

Khelfets, L. M. [Technical and economic problems of the design and modernization of printing machinery] Tekhniko-ekonomicheskie voprosy konstruirovaniia i modernizatsii poligraficheskikh mashin. Moskva, Izd-vo "Iskusstvo," 1962. 222 p.

PRINTING PRESS

Moscow. Tsentral'nyi institut nauchno-tekhnicheskoi informatsii mashinostroeniia. [New printing machinery] Novaia poligraficheskaia tekhnika. Moskva, 1962. 104 p. (Seriia X: Poligraficheskoe mashinostroenie)

[Present-day newspaper printing. Translated from the English and German. Preface by A. Chernyshev] Sovremennaia gazetnaia pechat'; sbornik perevodov. Moskva, Izd-vo inostr. lit-ry, 1962. 388 p.

PRIPET VALLEY—GEOLOGY, STRUCTURAL

Tectonic structure of the Pripet fault. I. V. IAkushkin. Sov. geol. 5 no. 6:43-51 Je '62

PRISONS—LAWS AND REGULATIONS

A conference on the legal problems relating to the detention and rehabilitation of prisoners. N. V., A. L. Izv. vys. ucheb. zav., pravo. 6 no. 3 184-186 '62.

PRIZE-FIGHTING see Boxing

PROBABILITIES

Abstracts of papers presented at the sessions of the Probabilities and Statistics Section of the Moscow Mathematical Society. Teor. veroiat. i ee prim. 7 no. 4 469-477 '62.

Asymptotic analysis of distributions of maximum deviations in a lattice random walk [with summary in English]. V. S. Koroliuk. Teor. veroiat. i ee prim. 7 no. 4:393-409 '62.

A class of Markov processes whose exit probabilities are majorized by the exit probabilities of the Wiener process. M. G. Shur. Dokl. AN SSSR 147 no. 2:323-326 N '62.

Convergence in the mean for densities [with summary in English]. S. Kh. Sirazhdinov, M. Mamatov. Teor. veroiat. i ee prim. 7 no. 4:433-437 '62.

Self-tuition in a perceptron. V. M. Glushkov. Zhur. vych. mat. i mat. fiz. 2 no. 6:1102-1110 N-D '62

PROBLEM OF THREE BODIES

Example of "exchange" in the problem of three bodies in case of a negative total-energy constant [with summary in English]. V. M. Alekseev. Astron. zhur. 39 no. 6:1102-1111 N-D '62.

On the stability of a system of three bodies. G. A. Tevzadze. Izv. AN Arm. SSR. Ser. fiz.-mat. nauk 15 no. 5:67-88 '62.

The problem of three bodies in the case of short-range forces in a linear approximation along the ir radius of action [with summary in English]. G. S. Danilov. Zhur. eksp i teor. fiz. 43 no. 4:1424-1435 O '62.

Role of short-range three-particle forces in processes involving the generation of three particles near the threshold [with summary in English]. G. S. Danilov. Zhur. eksp i teor fiz. 43 no. 4:1436-1447 O '62.

PRODUCE TRADE

(see also subdivision under Saratov Province; Ukraine)

Council meeting of the Central Marketing Section of Cooperative Societies. Sov. potreb. koop. 6 no. 7:47-48 Jl '62.

PRODUCER GAS see Water gas

PRODUCTION-LINE METHODS see Assembly-line methods

PROFIT

Bregel', E. IA. [Profit and the cost of production] Pribyl' i tsena proizvodstva. Moskva, Izd-vo IMO, 1962. 87 p. (Lektsii po politicheskoi ekonomii, no. 7)

PROGRAMMED INSTRUCTION

Let's use the achievements of cybernetics in educational research and school practice. M. I. Rozenberg. Sov. pedag. 26 no. 6:70-76 Je '62.

PROGRAMMING (ELECTRONIC COMPUTERS)

Computation of programs of functional operations. K. V. Shakhbazian. Trudy Mat. inst. 66:45-76 '62.

Example of using S. L. Sobolev's imbedding theorem in computer mathematics. V. K. Saul'ev. Dokl. AN SSSR 147 no. 2:303-305 N '62.

Identical transformations of regular expressions. IU. I. IAnov. Dokl. AN SSSR 147 no. 2:327-330 N '62.

Large-unit programming system. M. A. Iakovleva. Trudy Mat. inst. 66:4-15 '62.

New automatic control diagrams for resistance welding machines. B. E. Paton, N. V. Podola. Avtom. svar. 15 no. 10:1-8 O '62.

Polynomial program and the performance of analytic operations by an electronic computer. T. N. Smirnova. Trudy Mat. inst. 66:77-112 '62.

Some steady-state problems of dynamic programming. R. L. Stratonovich, V. I. Shmal'gauzen. Izv. AN SSSR. Otd. tekh. nauk. Energ. i avtom. no. 5:131-139 S-O '62.

PROGRAMMING (MATHEMATICS)

Method of successive search for an approximate solution to certain problems of optimum designing. I. B. Moiskus. Zhur. vych. mat. i mat. fiz. 2 no. 6:1139-1144 N-D '62.

PROJECT METHOD IN TEACHING

Contents of degree projects. N. I. Beliaev. Sred. spets. obr. 9 no. 8:29 Ag '62.

"Degree projects in mechanical engineering technical schools" by M. M. Goldfarb, Kh. K. Baskaev. Reviewed by N. V. Aleksandrovskii. Sred. spets. obr. 9 no. 8 56-58 Ag '62

PROKIN, NIKOLAI ALEKSEEVICH, 1908-1962

N. A. Prokin, obituary. Masl.-zhir. prom. 28 no. 7:48 Jl '62

PROKOF'EV, SERGEI SERGEEVICH, 1891-1953

Ordzhonikidze, G. Sh. [Piano sonatas by Prokof'ev] Fortepiannye sonaty Prokof'eva. Moskva, Muzgiz, 1962. 150 p.

"Piano works of S. S. Prokof'ev" by L. Gakkel'. Reviewed by A. Alekseev. Sov. muz. 26 no. 9 135-136 S '62

PROMINENTS (INSECTS) see subdivision under Siberia, Western

PRONSK DISTRICT—FARM MANAGEMENT

Practice of conducting economic conferences. M. F. Gainetdinov. Uchet i fin. v kolkhoz i sovkhoz. 19 no. 7:37-39 Jl '62

PROPADIENE

Conjugated systems. Part 165: Condensation of alkenyl allenes with maleic anhydride. A. V. Fedorova, A. A. Petrov. Zhur. ob. khim. 32 no. 11 3537-3540 N '62.

PROPANE

Exchange of experience. Zav. lab. 28 no. 8:930 '62.

Synthesis of "otriol" triamine [1, 1, 1-tris (aminomethyl)-propane]. S. Z. Kaplan and others. Zhur. ob. khim. 32 no. 10:3197-3198 O '62.

PROPANEDIOL

Curare-form action and correlation between isosterism and competition in a series of resorcinol and hydroquinone 1, 1'-bis esters on N-substituted quaternary derivatives of 3-amino-1, 2-propane diol [with summary in English]. I. V. Komissarov. Farm. i toks. 24 no. 6: 695-700 N-D '61.

Synthesis of an isopropylidene and benzylidene derivative of glycerol monochlorohydrin. G. S. Alieva, L. G. Truzhenikova, I. N. Belova. Zhur. ob. khim. 32 no. 11: 3634-3635 N '62.

PROPANOL

S derivatives of thiourea. Part 6: 2, 3-Di (isothiuronium bromide)-propanol and its ethers. V. M. Fedoseev, A. V. Sulima, A. B. Silaev. Zhur. ob. khim. 32 no. 10: 3432-3439 O '62.

PROPELLERS, AERIAL

Automatic phase synchronization of propeller blades of multi-engine airplanes. O. B. Vlasov-Vlasiuk. Avtom. reg. aviadvig. no. 4:70-94 '62.

PROPENE

Alkylation of anisole and phenetole by isobutylene in the presence of BF_3. H_3PO_4. E. V. Altsova, S. V. Zavgorodnii. Zhur. ob. khim. 32 no. 11:3502-3505 N '62.

Catalytic oxidation of propylene to acrolein in the presence of inert diluents. A. G. Polkovnikova and others. Kin. i kat. 3 no. 2:252-256 Mr-Ap '62.

Catalytic oxidation of propylene to acrolein in the presence of selenium. B. D. Kruzhalov, E. S. Shestukhin, A. M. Garnish. Kin. i kat. 3 no. 2:247-251 Mr-Ap '62.

Catalytic oxidation of propylene to acrolein in the presence of water vapors. A. M. Garnish and others. Kin. i kat. 3 no. 2:257-260 Mr-Ap '62.

Chemical modification of polypropylene fibers brought about by grafting methyl methacrylate. I. Pavlinets, M. Lazar, Z. Manfasek. Khim. volok. no. 5:21-25 '62.

Decomposition of hydroperoxide groups in oxidized atactic polypropylene. V. V. Dudorov and others. Izv. AN Arm. SSR. Khim. nauki 15 no. 4:311-320 '62.

Equilibrium of the reaction $C_3H_7Br \rightleftarrows C_3H_6 + HBr$. A. M. Rozhnov, D. N. Andreevskii. Dokl. AN SSSR 147 no. 2:388-391 N '62.

Kinetics of oxidation of propylene to acrolein on a copper catalyst. V. M. Belousov, IA. B. Gorokhovatskii, M. IA. Rubanik. Kin. i kat. 3 no. 2:221-229 Mr-Ap '62.

Oxidation of propylene to acrolein on Cu/Al_2O_3 modified with molybdenum oxides. L. M. Kaliberda, V. A. Pilosian, N. I. Popova. Kin. i kat. 3 no. 2:237-240 Mr-Ap '62.

Transfer processes in the oxidation of propylene to acrolein. IA. B. Gorokhovatskii, E. N. Popova, M. IA. Rubanik. Kin. i kat. 3 no. 2:230-236 Mr-Ap '62.

PROPERTY

Korolev, S. A. [Development of collective farm property at the present stage of the building of communism in the U. S. S. R.] Razvitie kolkhoznoi sobstvennosti na sovremennom etape kommunisticheskogo stroitel'stva v SSSR. Moskva, Izd-vo VPSh pri TsK KPSS, 1962. 103 p.

PROPIONAMIDE

Potentiating action of the new sugar-reducing, perorally effective preparation, chlorisopropamide [with summary in English]. S. G. Genes, A. A. Plavskaia, M. Z. IUrchenko. Probl. endok. i gorm. 8 no. 4 3-10 Jl-Ag '62.

PROPIONIC ACID

Heterocyclic compounds. Synthesis of β-phenylmercaptopropionic esters of the α-form of 1-allyl- and 1-crotyl-2, 5-dimethyl-4-piperidinols. A. Sh. Sharifkanov, S. A. IUsupov, Sh. S. Akhmetova. Zhur. ob. khim. 32 no. 10:3175-3176 O '62.

Pharmacology of dialkylaminoalkyl esters of α, β-diphenylpropionic acid and their analogues and homologues. S. S. Liberman. Farm. i toks. 24 no. 6 670-675 N-D '61.

S derivatives of thiourea. Part 5: Reaction of thiourea with α, β-dibromopropionic acid. V. M. Fedoseev, M. Zavada, A. B. Sulaev. Zhur. ob. khim. 32 no. 10 3425-3432 O '62.

PROPYNE

Conjugated systems. Part 160: Direction of the reaction of propargyl bromide with magnesium bromovinyl-, propenyl-, and phenylacetylenes. A. A. Petrov, K. A. Molodova. Zhur. ob. khim. 32 no. 11:3510-3514 N '62.

PROSPECTING

(see also subdivision under Almalyk region, Kara-Mazar Mountains, Soviet Central Asia)

Determining the density of the prospecting net as exemplified by the prospecting of the Kadzharan copper-molybdenum stockwork. E. Zil'man. Prom. Arm. 5 no. 10:43-47 O '62.

Experimental analysis of the degree of reliability of prospecting cross sections. A. V. Povarov, T. M. Maripov. Uch. zap. SAIGIMSa no. 5 107-113 '61.

A hydrogeological criterion of oil prospecting: $\frac{Br}{J}$ coefficient as an oil prospecting guide. B. A. Beder. Uch. zap. SAIGIMSa no. 5 93-105 '61.

In the Central Committee of the Trade Union of Prospecting Workers. Razved. i okhr. nedr 28 no. 10:62-63 O '62.

Methodology of searching for Mica. M. M. Dubovik, G. G. Rodionov. Razved. i okhr. nedr 28 no. 10:17-20 O '62.

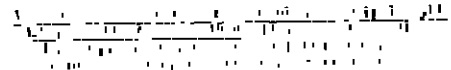
Methods of determining and analyzing specific expenditures in prospecting for minerals. P. A. Shekhtman, E. N. Luk'ianova. Uch. zap. SAIGIMSa no. 5:143-147 '61.

Possibilities of utilizing primary halos of dispersion of mercury in prospecting for antimony deposits. N. A. Ozerova. Uch. zap. SAIGIMSa no. 5 69-79 '61.

Some possibilities of using aerial photography in prospecting and large-scale geological surveying. V. N. Gendler. Trudy VAGT no. 8 141-144 '62

Some power supply problems in prospecting. G. V. Chernik. Razved. i okhr. nedr 28 no. 10:32-35 O '62.

PROSPECTING—CONGRESSES



veshchaniia. Moskva, Gosgeolitekhizdat, 1962. 610 p.

PROSPECTING—GEOPHYSICAL METHODS

Foreign airborne geophysical methods. IU. S. Glebovskii. Geofiz. prib. no. 9 90-93 '61.

Integrated geophysical studies in searching for nickel silicate ores. A. K. Auzin. Razved. i okhr. nedr 28 no. 10:35-41 O '62.

PROSPECTING—SAFETY MEASURES

Take care of yourself, geologist! V. Galeev. Okhr. truda i sots. strakh. 5 no. 10:30-31 O '62.

Written contest for the best suggestion of safety equipment to be used in prospecting. Razved. i okhr. nedr 28 no. 10:63-64 O '62.

PROSPECTING—STATISTICS

Pakhotkov, V. D. [Prospecting statistics] Statistika geologorazvedochnykh rabot. Moskva, Gosgeolitekhizdat, 1962. 278 p.

PROSTATE GLAND—CANCER

Resistance to estrogens in the treatment of prostatic cancer. L. I. Dunaevskii. Urologiia no. 1:63-68 '62

Treatment of cancer of the prostate with chlortrianisene. G. IA. Alapin, S. G. Genes, I. L. Burtianskii. Urologiia no. 1:69-71 '62.

PROSTATE GLAND—SURGERY

Prostatectomy according to Millin's method. J. Lenko (from "Bull. Wojskow. Akad. Med." 1960, t. 3. Urologiia no. 1:102 '62.

Single-stage transvesical adenomectomy. L. M. Grinshpan. Zdrav. Bel. 7 no. 11:52-53 N '61

PROSTHESIS

Use of prosthesis in operations on the stapes; survey of the literature. V. A. Gukovich. Zhur. ush., nos. i gorl. bol. 21 no. 6:77-80 N-D '61

PROTACTINIUM COMPOUNDS

Complex formation of protactinium with mono-, di-, and tripolycarboxylic acids Part 1 Complex formation of protactinium with lactic acid I Gelecsanu, A. V. Lapitskii Radiokhimiia v no 4 421-426 '62

Complex formation of protactinium with some organic acids (by the method of ion exchange). I. Gelecsanu, A. V. Lapitskii Dokl. AN SSSR 147 no 2,372-375 N '62

PROTECTIVE ATMOSPHERES

Inert gas blowing of metal in the ladle in vacuum N. M. [illegible] and others Stal' 22 no 9 809-811 S '62

PROTECTIVE CLOTHING see Clothing, Protective

PROTECTIVE COATINGS

Anticorrosive coatings for outdoor structural elements [illegible] L. Vinarskii Prom. stroi. 40 no 9 45-48 '62

Gauges for measuring the thickness of coatings on a ferromagnetic base. K. P. Azarov, V. E. Gorbatenko, Za. lab. 28 no. 8 998-999 '62.

Increasing the corrosion-resistance of bent shapes. V. A. Gavershtein Met. i gornorud. prom. no. 2 76 Mr-Ap '62.

Protection of steel insertion parts and welded joints in large-panel buildings from corrosion Biul. stroi. tekh. 19 no. 5 23-24 My '62

Waterproofing tensiometer transmitting elements when studying reinforced concrete V. D. Potapenko, M. D. Brovchenko Bet. i zhel.-bet. 8 no. 11 521-522 N '62

PROTEIN HYDROLYSATES

Use of I-103 hydrolysine for feeding patients with injuries of the esophagus [with summary in English] I. T. Batiunin Zhur. ush., nos. i gorl. bol. 22 no. 2 40-42 Mr-Ap '62

PROTEIN METABOLISM

Lipoid and protein metabolism in arteriosclerosis [with summary in English] V. N. Kozlovskii Sov. med. 26 no. 10 10-14 O '62

Participation of chloroplast ribosomes in protein synthesis N. M. Sisakian, I. I. Filippovich, E. N. Svetailo Dokl. AN SSSR 147 no. 2 488-489 N '62.

PROTEINS

Age characteristics in the effect of cortisone on liver proteins [with summary in English] V. N. Nikitin, Iu. A. Moroz, O. I. Galavina Biokhimiia 27 no. 4 675-676 Jl-Ag '62

Biosynthesis and fibrillogenesis of collagen proteins V. I. Mazurov. Vop. med. khim. 8 no. 1 3-16 Ja-F '62.

Dynamics of the Penicillium protein complex during fermentation on glucose-lactose and hydrolysate media. V. V. Baskakova, P. A. Likhimov. Trudy Len. khim.-farm. inst. no. 15 23-29 '62

Effect of the herbicide 2, 4-D on the protein nitrogen content in barley, corn, and millet grain V. A. Alabushev Fiziol. rast. 9 no. 3 372-375 '62

Electrophoretic separation of soluble proteins in tumors of the human brain [with summary in English] A. A. Mailberg, I. A. Sytinskii, T. V. Chaika Vop. med. khim. 8 no. 1 58-64 Ja-F '62.

Inclusion of methionine-S35 into proteins of cancer-resistant and cancer-susceptible potato varieties. D. V. Lipsits. Dokl. AN SSSR 148 no. 4 947-950 O '62

Increasing the yield and protein content of clover hay P. A. Sergeev. Zhivotnovodstvo 22 no. 2 83-87 F '60

Quantity of microbial bodies in and the pyrogenic properties of protein and proteinless substrates. N. D. Lisovskaia Trudy TashNIIVS 6:93-98 '61

Some protein changes occurring in a fermenting wheat flour dough during heating Z. F. Falunina, I. A. Popadich. Khleb i kond. prom. 6 no. 11 11-13 N '62

Structure of muscle proteins in relation to the problem of muscle contraction. N. A. Gabelova, V. V. Kobiakov Biofizika 7 no. 4:387-401 '62

PROTEINS—SPECTRA

Study of the spectra of the electronic paramagnetic resonance of irradiated polypeptide films and proteins in relation to the temperature M. K. Pulatova. Biofizika 7 no. 4:402-406 '62.

PROTEINS IN THE BODY

Congruity between the heat resistance of protoplasm proteins and the temperature conditions of the life of a species. A. A. Kusakina. Vop. ekol. 4:45-46 '62.

PROTHROMBIN

Correlation of the level of prothrombin and fibrinogen in the blood plasma in stenocardia and myocardial infarct [with summary in English]. L. P. Efimov. Sov. med. 26 no. 10 14-17 O '62.

Study of prothrombin in stomach diseases. R. I. Zhitniuk. Klin. khir. no. 8 40-42 Jl '62

PROTOCHLOROPHYLL

Change in the protochlorophyll content in the life process of green plants [with summary in English] V. L. Kaler, A. A. Shlyk Biokhimiia 27 no. 4 599-607 Jl-Ag '62

PROTONS

Compton effect on a proton in the dipole approximation [with summary in English]. V. K. Fedianin. Zhur. eksp. i teor. fiz. 42 no. 4:1038-1046 Ap '62

Inelastic pn-interactions at an energy of 9 Bev. V. A. Botvin, Zh. S. Takibaev, P. A. Usik. Dokl. AN SSSR 146 no. 4:785-788 O '62.

Polarization of protons from the reaction $He^3(d,p)He^4$. M. V. Pasichnyk, D. I. Tambovtsev. Ukr. fiz. zhur. 7 no. 1 74-75 Ja '62

PROTONS—SCATTERING

Elastic proton scattering by Mg^{25} and Mg^{26} nuclei. A. I. Popov and others Izv. AN SSSR Ser. fiz. 26 no. 8: 1074-1079 Ag '62

Elastic proton scattering by O^{18} nuclei. P. V. Sorokin and others Izv. AN SSSR Ser. fiz. 26 no. 8, 1061-1068 Ag '62

Elastic scattering of high-energy protons. G. G. Arushanov. Izv. AN Uz SSR. Ser. fiz.-mat. nauk 6 no. 6 87-88 '62.

PROTOPLASM

Evaluation of the various methods of staining scrapings from the conjunctiva of the eyes for Prowazek's trachoma bodies N. I. Zatulina Trudy Turk. nauch.-issl. trakh. inst. 6:181-185 '60

Study of Prowazek's bodies in the population at a focus of trachoma in a rural area of Turkmenistan. S. K. Karanov, N. I. Zatulina, I. P. Knak Trudy Turk. nauch.-issl. trakh. inst. 6,53-59 '60

PROTOZOA

Temperature adaptations of endoparasitic Protozoa from some species of poikilothermic animals [with summary in English]. K. M. Sukhanova. Zool. zhur. 41 no. 9: 1306-1316 S '62.

PRUNING

Expediency of periodical severe pruning in the tea plantations of Krasnodar Territory [with summary in English] I. I. Lavrichuk Subtrop. kul't. no. 2, 41-50 '62

PRURITUS

Dyshko, A. S. [Pruritus; experimental clinical studies] Zud; eksperimental'no-klinicheskie issledovaniia. Moskva, Medgiz, 1962. 97 p. (DNLM)

PRUZHANY DISTRICT—BAKERS AND BAKERIES

Success depends on well organized work. A. Solomovich. Sov. potreb. koop. 6 no. 7:49-50 Jl '62

PSEKUPS VALLEY—OIL FIELD BRINES

Hydrogeology of Lower Cretaceous sediments in the northwestern Caucasus (Laba-Pseksups interfluve) D. I. Rogozhin Trudy KF VNII no. 10 221-229 '62.

PSEUDARTHROSIS

Surgical treatment of pseudarthrosis and retarded consolidation of fractures of the long tubular bones. G. M. Tar-Egiazarov. Zdrav. Bel. 7 no. 11:22-24 N '61

Treatment of fractures, traumatic osteomyelitis and pseudarthrosis of the long tubular bones. N. N. Elanskii. Trudy 1-go MMI 7:0-39 '59.

PSEUDOTUBERCULOSIS

Natural foci of pseudotuberculosis [with summary in English]. N. I. Ul'ianova. Zhur. mikrobiol., epid. i immun. 32 no. 12 87-91 D '61.

PSEUDOUREA

S derivatives of thiourea. Part 6. 2, 3-Di (isothiuronium bromide)-propanol and its ethers. V. M. Fedoseev, A. V. Salima, A. B. Stinev. Zhur. ob. khim. 32 no. 10: 3432-3439 O '62.

PSHEKHA VALLEY—GRANITE

Some petrographic characteristics of the granitoid intrusion in the Pshekha-Pshikhashka interfluve (northwestern Caucasus) G. P. Korney, V. P. Chaitskii Trudy KF VNII no. 10:289-307 '62.

PSHIKHASHKA VALLEY—GRANITE

Some petrographic characteristics of the granitoid intrusion in the Pshekha-Pshikhashka interfluve (northwestern Caucasus). G. P. Korney, V. P. Chaitskii Trudy KF VNII no. 10,289-307 '62.

PSKENT DISTRICT—COTTON GROWING

Land can't be deceived Khakim Kadyrov Nar. khoz. Uzb. 4 no. 10 22-23 O '62

PSKOV—TANNING

Structure of a 17th-century tannery in Pskov. IU. P. Spegal'skii. Krat. soob. Inst. arkheol. no. 87, 112-116 '62.

PSKOV DISTRICT—LIBRARIES, PRIVATE

A booklover. Valentyn Rechmedin. Ukraina no. 22:24 N '62.

PSKOV LAKE REGION—HYDRAULIC ENGINEERING

Neglected basin. N. Kharlukov. Rech. transp. 21 no. 11 52-53 N '62.

PSYCHIATRY

(see also subdivision under Estonia)

History of the theory of psychopathies (S. S. Korsakov's conclusion on the work of P. Kachka). O. V. Karbikov, L. L. Rokitin. Zhur. nevr. i psikh. 61 no. 10:1560-1573 '61.

Problems in neuropathology and psychiatry [illegible] Sokolov, E. Sitnikov. Zhur. nevr. i psikh. [illegible] 912-945 '62

"Psychiatry. A textbook for students and physicians" [illegible] German] by K. Kolle Reviewed by [illegible] Zhur. nevr. i psikh. 61 no. 10:1570-1580 '61

Psychoprophylactic importance of [illegible] general polyclinic. T. I. Gol'dovskaia [illegible] psikh. 61 no. 10:1567-1570 '61

"Tasks of mental hygiene and practical [illegible] reports of WHO experts [translated from [illegible] Reviewed by T. I. Gol'dovskaia [illegible] no. 8,939-942 '62.

PSYCHIATRY—PERIODICALS

Opinions on the work of the "Zhurnal nevro- i psikhiatrii imeni S. S. Korsakova" for [illegible] R. A. Nadzharov. Zhur. nevr. i psikh. [illegible] '62

PSYCHOLOGY

Akademiia pedagogicheskikh nauk RSFSR. [illegible] Institut psikhologii. [Psychology] Psikhologiia [illegible] nik dlia pedagogicheskikh institutov. Pod red. A. A. Smirnova i dr. Izd. 2., Moskva, Gos. ucheb. iz. [illegible] 558 p.

A conference on philosophical problems relating to the physiology of higher nervous activity and psychology. P. IA. Gal'perin Nauch. dokl. vysh. shkoly, filos. i [illegible] no. 5:164-171 '62.

PSYCHOLOGY, MILITARY see subdivision under [illegible] States

PSYCHOLOGY OF MOVEMENT see Movement, Psychology of

PSYCHOSES

Clinical aspects of mental disorders in patients with infectious diseases treated with myelomycin [with summary in French] M. A. Zuttinek, I. A. [illegible] Zhur. nevr. i psikh. 62 no. 6:881-886 '62.

Clinical statistical data on the morbidity dynamics of infectious psychoses, according to data from the Leningrad Province Psychoneurological Hospital [with summary in French] N. IA. Dvorkina [illegible] 62 no. 6,880-884 '62.

Data on the use of immunological reactions [illegible] rheumatic psychoses [with summary in [illegible] Makeev. Zhur. nevr. i psikh. 62 no. 6 [illegible] '62

Psychoses with a periodic course [with summary in French] V. M. Blotkher, R. I. Zobnitskaia [illegible] Ianaskina Zhur. nevr. i psikh. 62 no. 6 [illegible]

"Reproduction of scrapings 'psychosis' [illegible] animals." Reviewed by A. S. Chkhaidze [illegible] psikh. 62 no. 6 947-948 '62.

Tularemic psychoses and their treatment [illegible] Zdrav. Kazakh. 22 no. 6:30-31 '62.

PSYCHOTHERAPY

"Experience in practical psychotherapy" by [illegible] torium. Reviewed by R. Zachepitskii [illegible] psikh. 61 no. 10:1567-1569 '61.

PSYCHOTHERAPY—CONGRESSES

Account of the 5th International Congress [illegible] plate (Vienna, August 21-26, 1961) F. A. V. [illegible] Zhur. nevr. i psikh. 62 no. 6,951-955 '62.

PSYCHOTROPIC DRUGS

Present-day psychotropic substances and their [illegible] I. A. Politychuk. Vrach. delo no. 8:9 15 Ag '62

PSYCHROMETERS see Hygrometry

PUBLIC BUILDINGS

(see also subdivision under Dniepr, Latvia, [illegible] Moscow)

Moscow, Arkhitekturnyi institut. [Principles of architectural design for public buildings] Osnovy arkhitekturnogo proektirovaniia obshchestvennykh zdanii. [illegible] Gosstroiizdat, 1962. 215 p.

Types of public buildings for complex development of microdistricts. V. L. Kutuga. Izv. A-SiA [illegible] 62.

PUBLIC HEALTH

(see also subdivision under Armenia, Crimea, Kirghizistan; Minsk, Pskhovskii District, Russia in Turkmenistan; Vinnitsa Province)

Brief news. V. Volynets, A. Ushakevich Zdrav. [illegible] 8 no. 2,77 F '62.

Fifteenth World Assembly on Public Health. [illegible] 21 no. 8:89-93 '62.

Hygienic problems in connection with the new [illegible] for the development of Leningrad. A. I. [illegible] LSGMI no. 68:8-15 '61.

Kiev, Medychnyi instytut. [Hygienic norms and [illegible] tation of the external environment] Gigiienicheskie normativy i ozdorovlenie vneshnei sredy, sbornik nauchnykh rabot. Kiev, Gosmedizdat Ukrii, 1962. 268 p. (DNLM)

Manastyrs'kyi, R. IA. [Public health in [illegible] capitalistic countries] Okhorona zdorov'ia [illegible] L'viv, Knyzhkovo-zhurnal'ne vyd-vo, 1961. 47 p. [illegible] dopomohu propagandystam i aglitatoram)

Most important features of social and cultural [illegible] in capitalist countries. E. I. Kuz'mina Ocherki [illegible] sov. i zarub. ekon. no. 3 285-302 '62.

PUBLIC HEALTH—BIBLIOGRAPHY see Bibliography—Public health

PUBLIC HEALTH—FINANCE
Potekhin, L. V., I. B. Rozenfel'd, and N. E. Itin. [Planning expenditures for social and cultural measures] Planirovanie raskhodov na sotsial'no-kul'turnye meropriiatiia. Moskva, Gosfinizdat, 1962. 286 p.

PUBLIC HEALTH—STATISTICS
Single-stage census as a method of studying public health conditions. V. K. Ovcharov, E. A. Loginova. Sov. zdrav 21 no. 8:15-20 '62.

PUBLIC HEALTH, RURAL
(see also subdivision under Vas'kovichi, White Russia)
Significance of work arrangements for patients in a dispensary serving a rural population. L. G. Zinzin. Sov. med. 26 no 10:111-115 O '62.

PUBLIC HEALTH ADMINISTRATION
(see also subdivision under Dzerzhinsk District, Grodno Province, Pukhovichi District)
Centralization of the automobile transport by the Moscow City Health Department. S. A. Potapov, N. D. Delektorskii. Sov. zdrav 21 no 8, 54-58 '62.
Improve the training of the personnel for the organization of the public health system and the history of medicine. Sov. zdrav. 21 no. 8 3-6 '62.

PUBLIC HEALTH SOCIETIES see subdivision under White Russia

PUBLIC PROSECUTORS
(see also subdivision under Lvov Province)
The role of public prosecutors in civil procedure. V. IA. Chekanov. Sov. gos. i pravo 32 no. 11, 81-83 N '62.

PUBLISHERS AND PUBLISHING
(see also subdivision under Lisbon)
After the Kiev Fair E Rubinshtein. Sov knizh torg 14 no 8:22-23 '62.

PUBLISHERS AND PUBLISHING—ACCOUNTING
Unify and simplify accounting in publishing houses. N. Ronzhin. Bukhg. uchet 19 no. 10:28-30 O '62.

PUERPERAL CONVULSIONS
Eclampsia in the first half of pregnancy in partial hydatid mole. N. Ukina, IU. Panichkin Zdrav Bel. 7 no. 11: 55-56 N '61.
Internal eclampsia in labor and in the early puerperal period. S. D. Astrinskii. Vop. okh. mat. i det. 7 no. 1: 91-94 Ap '62.

PUERPERIUM
Internal eclampsia in labor and in the early puerperal period. S. D. Astrinskii. Vop. okh mat. i det. 7 no. 4: 91-94 Ap '62.

PUERTO RICO—ECONOMIC CONDITIONS
The Yankees in Puerto Rico. V. Kobish. Nov. vrem. 20 no. 47:21-22 N '62.

PUERTO RICO—POLITICS AND GOVERNMENT
The Yankees in Puerto Rico. V. Kobish. Nov. vrem. 20 no. 47:21-22 N '62.

PUGWASH CONFERENCE OF NUCLEAR SCIENTISTS
Against the growing threat of thermonuclear war. A. V. Topchiev, V. P. Pavlichenko. Vest. AN SSSR 32 no. 11: 103-104 N '62.
The Pugwash conferences of scientists in Cambridge and London. M. Rubinstein. Nov. vrem. 20 no. 30, 9-11 S '62.

PUKHOVICHI DISTRICT—PUBLIC HEALTH
Work of public representation councils in the Pukhovichi District. M. K. Oreshkova. Zdrav. Bel 8 no. 2:48-50 F '62.

PUKHOVICHI DISTRICT—PUBLIC HEALTH ADMINISTRATION
Some results of reorganizing the rural public health administration in Pukhovichi District. M. K. Oreshkova. Zdrav. Bel. 7 no. 11:38-10 N '61.

PULEMETSKOYE, LAKE—WHITEFISHES
Preliminary data on the acclimatization of the Peipus lavaret (Coregonus lavaretus maraenoides Poljakov) in Lake Pulemetskoye. N. S. Meniuk, L. G. Simonova. Vop. ikht. 2 no. 2 367-370 '62

PULIANOS, A.
A Pulianos was awarded the Kh. Kumaris prize. G L. Khit. Sov. stu no. 5:151-152 S-O '62.

PULMONARY ARTERY
Catheterization with occlusion of pulmonary artery as a method for the temporary arrest of pulmonary hemorrhage before pulmonary resection in tuberculosis [with summary in English]. D. A Natradze, M. I. Perel'man. Khirurgiia no. 1:93-96 '62.

PULMONARY EMBOLISM
Fatal outcomes in thromboembolism of the pulmonary artery. A. Z. Amelin. Sov. med. 26 no. 7:123-125 Jl '62.
Thrombosis and embolism of the pulmonary artery; according to data from pathologico-anatomical studies. I. P. Pavlov. Sov. med. 26 no. 10:130-133 O '62.

PULSE
Normal standards for the rate of pulse wave spreading in the peripheral vessels in various age groups. P. P. Bukhovtsev Vrach delo no 8:52-56 Ag '62.

PULSE CIRCUITS
Linearization of a sawtooth voltage by means of transistor devices. Izv. vys. ucheb zav., radiotekh. 5 no. 5 645-646 S-O '62.
Switching time of a tunnel diode being triggered by a voltage pulse with finite rise time. V. K. Semenovskii. Radiotekh. i elektron. 7 no. 12:2092-2091 D '62.
Use of counting networks in telegraphy. P. A. Naumov. Vest. sviazi 22 no. 10 10 O '62.

PULSE TECHNIQUES (ELECTRONICS)
Checking pulse characteristics of interference meters by means of short radio pulses. L. A Perevezev. Izm. tekh no. 9 51-54 S '62
Concerning the extrapolation (prediction) of a function with limited spectrum by means of its discrete values. IU. G. Polilak. Radiotekhnika 17 no. 11:57-64 N '62.
Effect of the reciprocal of pulse duty factor of a square control voltage on the performance of a synchronous detector. G A Shtamberger. Izm tekh. no. 9 46-48 S '62.
Exponential selector and increase in the interference rejection of time telemetry systems [with summary in English]. A. I Novikov. Avtom. i telem. 23 no. 10: 1375-1384 O '62.
Methodology for the engineering design of a single-stage square wave generator A S. Vladimirov Elektrosviaz' 16 no 11:17-21 N '62
Methods for achieving a maximum amplification coefficient of a magnetic modulator with double frequency output [with summary in English]. R. IA Berkman, L. A. Sinitskii. Avtom i telem. 23 no. 10:1385-1392 O '62.
Probability of detecting a batch of radar pulses having a nonrectangular envelope. IU. M. Kazarinov. Radiotekhnika 17 no. 11:74-76 N '62.

PUMPING MACHINERY
Constant discharge pump for the hydraulic units of a heavy tractor. A. F. Arkhangel'skii. Stroi. i dor. mash. 7 no. 10:15-16 O '62
Determination of the location of suction pumping stations for plant tailing pipelines T L. Mel'nikov. Gor. zhur. no. 12 42-47 D '62.
Farms are waiting for the NShN-600 pump. S Martynov. Porh. delo 8 no 11 24-25 N '62
Modernizing the rotary radial-plunger pump. A. V. IAkovlev. Kuz.-shtam. proizv. 4 no. 11:43-45 N '62.
Pump for the transfer of liquid yeast. F. I Dedukhin, V. S. Mitin Khleb. i kond prom 6 no. 11 46-47 N '62.

PUMPING MACHINERY, ELECTRIC
Pump stations on the "Druzhba" petroleum pipeline. A. V. Zhukov, G. S. IAginskii. Stroi. truboprov. 7 no. 10:3-5 O '62.

PUNCHED CARD SYSTEMS
Using punched card machines for compiling standard calculations. V. Liberman. Bukhg. uchet 19 no. 10: 48-52 O '62.

PUPERIDINE
Space configuration of piperidine derivatives. N. S. Prostakov, N. N. Mikheeva. Usp. khim. 31 no. 10 1199-1216 O '62.

PUPPETS AND PUPPET PLAYS see subdivision under Uzbekistan

PURINE
Syntheses in the series of purine derivatives. Part 3. Some conversions of 8-chloromethylisocaffeine. E. S. Golovchinskaia, E. S. Chernan. Zhur. ob. khim. 32 no. 10 3245-3248 O '62.

PURINES
Effect of sarcolysine and 6-diethylamino-7-methylpurine on the inclusion of formate-C^{14} in nucleic acids [with summary in English]. V. A. Kuraanova, IU. S. Gurevich-Usyukina, Vop. med. khim. 8 no. 1:36-42 Ja-F '62
Effect of structural factors on the stabilizing action of purines. IA. A. Levin, V. A. Kukhtin, V. M. Gorokhovskii. Zhur. nauch. i prikl. fot. i kin. 7 no. 5:368-369 S-O '62.

PURPURA (PATHOLOGY)
Prednisone therapy of children with the acute and chronic forms of Werlhof's disease [with summary in English]. IU. E. Malakhovskii. Sov. med. 26 no. 6:74-80 Je '62.

PUSHKIN, ALEKSANDR SERGEEVICH, 1799-1837
"From the history of the Russian classical novel; Pushkin, Lermontov, Gogol'" by D. E. Tamarchenko. Reviewed by A. Gurevich. Vop. lit. 6 no. 8:214-216 Ag '62.
Pushkin, A. S. [Pushkin on art] Pushkin ob iskusstve. Sost, avtor vstup. stat'i i kommentariia G. M. Koka. Moskva, Izd-vo Akad. khudozh. SSSR, 1962. 199 p.
"Rhythm and thought; analysis of Pushkin's poetics" by S. V. Shervinskii. Reviewed by A. Kvitkovskii. Vop. lit. 6 no. 8:203-205 Ag '62.

PUTORANA MOUNTAINS—PRECIPITATION (METEOROLOGY)
Geochemistry of underground (mine) waters and atmospheric precipitation in the Yenisey region of the Arctic. V. F. Derpgol'ts. Dokl. AN SSSR 147 no. 2:469-470 N '62.

PUTORANA MOUNTAINS—WATER, UNDERGROUND
Geochemistry of underground (mine) waters and atmospheric precipitation in the Yenisey region of the Arctic. V. F. Derpgol'ts. Dokl. AN SSSR 147 no. 2:469-470 N '62.

PYATIGORSK—MEDICAL COLLEGES
Sixth annual meeting of the Pyatigorsk Balneological Institute. IU. K. Vasilenko. Vop. kur., fizioter. i lech. fiz. kul't. 27 no. 2:185-186 Mr-Ap '62.

PYLORIC STENOSIS
Anesthesia in operations for ulcerous pyloroduodenal stenosis. M. N. Khomchenko. Zdrav. Bel. 8 no. 7:68-70 Jl '62.
Diagnosis and treatment of pyloroduodenal stenoses in peptic ulcer N M. Khomchenko Zdrav Bel 8 no 2: 10-12 F '62.

PYONGYANG—VIEWS
[Pyongyang] Pkhen'ian. Pyongyang, Izd-vo lit-ry na inostr. iazykakh, 1961 [5] p. illus.

PYRANOINDOLE
Derivatives of indole. Part 9: Synthesis of derivatives of pyrano (4,3-b)-3,4-dihydroindoles and chromeno (4,3-b) indoles. N. M. Sharkova, N. F. Kucherova, V. A. Zagorevskii. Zhur. ob. khim. 32 no. 11:3640-3645 N '62.
Derivatives of indole. Part 10: Synthesis of some derivatives of 3,4-dihydrothiopyrano (4,3-b) indole. N. F. Kucherova, M. I. Petrushenko, V. A. Zagorevskii. Zhur. ob. khim. 32 no. 11 3645-3648 N '62.

PYRANOL
Vinylacetylene chemistry. Report No. 35: Some transformations of 2, 2-dimethyl-4-ethynyltetrahydropyran-4-ol. S. A. Vartanian, V. N. Zhamogortsian, Izv. AN Arm SSR. Khim. nauki 15 no. 4:353-362 '62.

PYRANONE
β-Lactones and β-lactams. Part 30: 3-alkyl-3,4-dihydro-2-pyrones. N. P. Shusherina and others. Zhur. ob. khim. 32 no. 11:3602-3607 N '62.

PYRAZOLE—SPECTRA
Pyrazoles. Part 30: Synthesis and ultraviolet spectra of 4-acetyl- and 4-benzoyl-3,5-dimethylpyrazoles. I. I. Grandberg and others. Zhur. ob. khim. 32 no. 11: 3582-3586 N '62.

PYRAZOLIDINEDIONE
Use of pyrabutol for the treatment of sciatica in miners. A. I. Lazarenko. Sov. med. 26 no. 10:109-110 O '62.

PYRIDINE
Maximum permissible concentrations of methylvinylpyridine and methylethylpyridine in the water [supply]. S. A. Zinbarova. Trudy LSGMI no. 68:138-143 '61.
Polarographic kinetic currents due to the slower formation rate of pyridine complexes of nickel. Kinetics of complex formation. IA. I. Turian. Dokl. AN SSSR 146 no. 4:848-851 O '62.
Pyridine peptides from acid-soluble Escherichia coli fractions [with summary in English]. M. F. Khanina, T V Venkstern, A A Baev. Biokhimiia 27 no. 4: 752-757 Jl-Ag '62
Reaction of ketene with nitrogen-containing bases. Part 12. Chloroacetamides pyridinates. IU. V Svetkin, A. N. Minkhaeva, L. I. Vikhlakova. Zhur. ob. khim. 32 no. 10, 3227-3230 O '62.
Structure of butadiene-methylvinylpyridine crude rubber and of vulcanized rubbers based on it. L. G. Angert, A. I. Zenchenko, A. S. Kuz'minskii. Kauch. i rez. 21 no. 9, 5-8 S '62
Using the statistical method for determining the space group of copper pyridinate. E. A. Shugam, L. M. Shkol'nikova. Kristallografiia 7 no. 4:534-536 Jl-Ag '62.

PYRIDINESULFONIC ACID
Cyclopropanes and cyclobutanes. Part 25: Interaction of phenylcyclopropane with pyridine sulfotrioxide. IU. S. Shabarov, R. IA. Levina, V. K. Potapov. Zhur. ob. khim. 32 no. 10:3184-3188 O '62.
Derivatives of acylacetic esters of the heterocyclic series. Part 4. Synthesis of nicotinoylacetic ester, arylides, and azomethine dyes prepared from them. N. S. Vul'fson, V. E. Kolchin, L. K. Artemchik. Zhur. ob. khim. 32 no. 10:3382-3386 O '62.

PYRIDOINDOLE
Synthetic studies in the field of curare alkaloids. Synthesis of 1-ethylidene-12-hydroxy-1, 2, 3, 4, 6, 6, 12, 13a, 13b-decahydronaphthiridino-(1, 7)-[7, 8, 1-ima]-β carboline Zhur. ob. khim. 32 no. 11:3828-3832 N '62.

PYRIDONE
β-Lactones and β-lactams. Part 29: Catalytic cycloisomerization of β-keto nitriles to 3,4-dihydro-2-pyridones. N. P. Shusherina, R. IA. Levina, Khuan Khua-min' [Huan Hua-min]. Zhur. ob. khim. 32 no. 11:3599-3601 N '62.

PYRIDOXINE

Effect of vitamin B6 on the leucocytes in anemias. V A. Galtsev. Zdrav. Tadzh 9 no 4:54-56 Jl-Ag '62.

Xanthurenuria and the amount of vitamin B6 in the blood of patients with chronic hepatitis [with summary in English] V A Alferova, I M Raskin Vop med khim 8 no.1 20-23 Ja-F '62.

PYRIMIDINE

Conference on the problem of the medical use of pyrimidine derivatives N. I. Nikolaeva Farm. i toks. 24 no 6 760-761 N-D '61.

Derivatives of ethylenimine. Part 4 Diethylenimides of pyrimidine-2-aminophosphoric acids. A.A. Kropacheva, N.V. Sazonov, S.I Sergievskaia. Zhur. ob. khim. 32 no.11 3796-3799 N '62.

PYRITES

Using the acid demineralization method under reducing conditions for determining the characteristics of germanium compounds in coals. M A. Menkovskii, A.N. Aleksandrova. Dokl. AN SSSR 146 no.4 868-870 O '62.

PYROCATECHOL

Mechanism of the action of pyrocatechol as an esterase model [with summary in English] V I Rozengart, L V Shepshelevich Biokhimiia 27 no 4 689-697 Jl-Ag '62

PYROCHLORE

Phase composition of ignition products of minerals of the pyrochlore structural type and their connection with the chemical composition [with summary in English]. S. A Gorzhevskaia, G. A. Sidorenko. Geokhimiia no. 8 794-799 '62

PYROELECTRICITY

Electric polarization of pyroelectric crystals in all-round compression or tension. I S Zheludev, M M. Tagieva Kristallografiia 7 no.4 589-592 Jl-Ag '62

PYROLYSIS

High-speed pyrolysis of hydrocarbons in a burning layer of coke [with summary in English] Z. Z. Chukhanov Inzh.-fiz. zhur. 5 no 8:23-28 Ag '62.

Thermal degradation of polyethylene. M.A. Magrupov, N.A. Slovokhotova. Dokl. AN SSSR 146 no.4:826-829 O '62.

PYROMETER

Using an infrared spectropyrometer in experimental measurement of the constant C_2. V.E. Finkel'shtein, I.S. Romadanov. Izm. tekh. no. 8 37-39 S '62.

PYROPHOSPHORIC ACID

Pyrophosphoric ester of 3-methyl-2-buten-1-ol. L. A. Vakulova and others Dokl. AN SSSR 147 no. 1:103-105 N '62.

PYRROLINE

Synthesis of isomeric 2,3-dimethyl-4-carbomethoxy-ethylpyrrolines. A.A. Cherkasova, R.P. Evstigneeva, N.A. Preobrazhenskii. Zhur. ob. khim. 32 no. 11 3544-3549 N '62.

Synthesis of 2-methyl-3,3-dimethyl-4-carbomethoxy-ethylpyrroline. A.A. Cherkasova, R.P. Evstigneeva, N.A. Preobrazhenskii. Zhur. ob. khim. 32 no. 11: 3549-3552 N '62.

PYRYLIUM COMPOUNDS

Pyrylium compounds having active methyl groups. Part 3. Structure of pyrylium azo compounds. N.V Khromov-Borisov, L. A. Gavrilova. Zhur. ob. khim. 32 no. 10:3211-3214 O '62.

Synthesis of 1, 3-disubstituted 5, 6, 7, 8-tetrahydroispyrylium salts. G. N. Dorofeenko, V. I. Dulenko. Zhur. ob. khim. 32 no. 10:3445-3446 O '62.

PYSHMA VALLEY—FOREST REPRODUCTION

Sannikov, S. N. [Natural regeneration of pine and measures for promoting it in pine forests of the Pyshma Valley] Estestvennoe vozobnovlenie sosny i mery sodeistviia emu v Pripyshminskikh borakh. Sverdlovsk, Akad. nauk SSSR. Ural'skii filial, 1961. 76 p. (DNAL)

PYTEL', ANTON IAKOVLEVICH, 1902-

Professor A. IA. Pytel' (on his 60th birthday). Urologiia no. 1:3-5 '62.

Q FEVER

(see also subdivision under Kalinin Province)

Aerogenic Q rickettsiosis in guinea pigs under experimental conditions. F. N. Rizaeva Trudy TashNIIVS 6:211-215 '61.

Detection of the Q fever virus on bats in the city of Tashkent. V. A. Lysunkina. Trudy TashNIIVS 6:183-185 '61.

Results of a study of some species of ticks for Q rickettsiosis in Uzbekistan V. A. Lysunkina. Trudy TashNIIVS 6.186-189 '61.

QUACKS AND QUACKERY see subdivision under United States

QUADRATIC EQUATIONS see Equations, Quadratic

QUADRICS

Conjoint invariants of the sections of a pair of quadrics by a plane in a multidimensional complex projective space. S. L. Pevzner. Ukr mat zhur. 14 no. 2:217-219 '62.

QUANTUM ELECTRODYNAMICS

Quantum electrodynamics in terms of electromagnetic field intensities [with summary in English] V. I. Ogievetskii, I V Polubarinov Zhur eksp. i teor. fiz 43 no 4 1365-1370 O '62

Transformation of an electron-positron pair into a μ-meson pair [with summary in English] N A Gutfev, E M Epshtein. Zhur eksp i teor fiz 43 no 4 1517-1520 O '62.

QUANTUM FIELD THEORY

Gradient invariance and the axiomatic approach to the quantum field theory. IU V. Novozhilov. Dokl AN SSSR 147 no. 1:60-63 N '62.

Space - time approach to quantum field theory [with summary in English] G V. Riazanov Zhur eksp i teor. fiz 43 no. 4 1281-1287 O '62.

QUANTUM THEORY

Absorption of electromagnetic waves by homopolar crystals. L. E. Gurevich, I. P. Ipatova. Fiz. tver. tela 4 no. 8:2065-2074 Ag '62.

Analytical properties of the bound state wave function for a superposition of Yukawa potentials [with summary in English]. M. A. Braun. Zhur. eksp. i teor. fiz. 42 no. 4:1105-1111 Ap '62.

Angular distributions of gamma radiation emitted in the discharge of the first excited levels of Tl^{197} nuclei and the 246 kev. level of Se^{77} G. M. Gusinskii, I. Kh Lemberg, Z. Treibal. Izv. AN SSSR. Ser. fiz. 26 no. 8:1014-1018 Ag '62.

Applicability of the Condon approximation to the luminescent center. G S Zevt, N.N Kristofel' Opt i spektr 13 no 2 229-234 Ag '62

Calculating the probabilities of radiationless transitions for the Cr^{+3} ion in ruby. B. Z. Malkin. Fiz. tver. tela 4 no. 8:2214-2222 Ag '62.

Composite radiation in the case of uniform motion of a charge in a homogeneous medium. M I Riazanov. Zhur eksp i teor. fiz. 43 no. 4:1559-1561 O '62

Conditions for the appearance of spatial dispersion in crystals. V. S. Mashkevich. Fiz. tver. tela 4 no. 8: 2075-2080 Ag '62.

Contribution of collective motion to the lifting of l forbiddenness [with summary in English]. E. E. Berlovich and others. Zhur. eksp. i teor. fiz. 42 no. 4:967-972 Ap '62.

Coulomb excitation of levels in nuclei of Fe^{67}, Ge^{73}, Rh^{103}, Pd^{105}, In^{113}, In^{115}, and Sn^{115}. V. D Vasil'ev, K. I. Erokhina, I. Kh. Lemberg. Izv. AN SSSR. Ser. fiz. 26 no. 8:992-997 Ag '62.

Coulomb excitation of the 532 kev. level in Er^{167}. IU. P. Gangrskii, I. Kh. Lemberg. Izv. AN SSSR. Ser fiz. 26 no. 8.1027-1028 Ag '62.

Coulomb excitation of the second levels of spherical even-even nuclei IU. P Gangrskii, I Kh. Lemberg. Izv AN SSSR. Ser. fiz. 26 no. 8:1001-1014 Ag '62.

Coulomb excitation of the second 2^+ level of Pd^{104}. V D. Vasil'ev and others. Izv. AN SSSR Ser. fiz. 26 no. 8:997-999 Ag '62.

Cross section of photon and electron capture by the third copper level in germanium. IU. L. Ivanov. Fiz. tver. tela 4 no. 8:2274-2275 Ag '62.

Decrease of light frequency in the field of gravity. D. A Frank-Kamenetskii. Priroda 51 no. 11:117-118 N '62.

Dependence of the quantum yield of the X-ray photoeffect from a massive cathode on the X-ray polarization state. M. A. Rumsh, V. N. Shchemelev. Fiz. tver. tela 4 no. 8: 2050-2058 Ag '62.

Determining the yields of the Auger effect from the K-shell for chlorine and potassium, taking as a basis the fluctuations in the quantum yield for the X-ray photoeffect of a massive KCl cathode. M. A. Rumsh, V. N. Shchemelev. Fiz. tver. tela 4 no. 8:2281-2282 Ag '62.

Emission and absorption of gamma-quanta by nuclei of solids in the presence of time-dependent external perturbation. I. P. Dziub, A. F. Lubshenko. Fiz. tver. tela 4 no. 8:2081-2089 Ag '62.

Indeterminancy principle for energy and time and an attempt at its refutation [with summary in English]. V. A. Fok. Zhur. eksp. i teor. fiz. 42 no. 4:1135-1139 Ap '62.

Inversion splitting of levels in free complexes of transition metals [with summary in English]. I. B. Bersuker. Zhur. eksp. i teor. fiz. 43 no. 4:1315-1322 O '62.

Kinetic aspects of cyclotron resonance in semiconductors. G. M. Genkin. Fiz. tver. tela 4 no. 8:2116-2122 Ag '62.

Linear spectra of aromatic hydrocarbons in frozen crystalline solutions. Part 1. Continued study of the first singlet-singlet transition in 3, 4-benzopyrene at 20° and 4°K. E. V. Shpol'skii, L. A. Klimova. Opt. i spektr. 13 no. 2:174-181 Ag '62.

Measuring the lifetime of the 4^+ (1282 Kev.) level of the Cd^{114} nucleus by the method of resonance scattering [with summary in English]. A. F. Akkerman and others. Zhur. eksp. i teor. fiz. 43 no. 4:1268-1271 O '62.

Multipole γ-transitions at energies of [illegible] in the Er^{167} nucleus O D Kovalenko and [illegible] AN SSSR. Ser fiz. 26 no. 8.1026 1040 Ag [illegible]

On the nature of the 531.6 Kev. level of [illegible] Dzelepov and others. Dokl. AN [illegible] 146 [illegible] 703 O '62.

Polarization of electron transitions in the [illegible] molecule K R Popov, I. V. Simonov, [illegible] 13 no 2 260-262 Ag '62

Quantum phonon counter. A. R. Kessel', [illegible] Fiz. tver. tela 4 no. 8.2283-2285 Ag '62.

Quantum theory of relaxation processes [with summary in English]. V M. Fain. Zhur. eksp. i teor. fiz. 43 no. 4:1075-1083 Ap '62.

Regge fermion poles and the asymptotic nature of [illegible] nucleon scattering in the region of large [illegible] summary in English] V. N Gribov Zhur. eksp. i teor. fiz. 43 no 4 1529-1531 O '62

Shifts of energy levels and the equation of state for plasma [with summary in English] I P [illegible] IU A Tarasov Zhur. eksp i teor fiz [illegible] 1516 O '62

Spin wave spectrum. Pai Hu-cho [Pai Hu-ch'u] and Wu Sian'-chzhen' [Wang Hsien-ch'eng]. [illegible] no. 8:2111-2150 Ag '62.

Theory of quantum cyclotron resonance in metals [illegible] summary in English]. I M Lifshits, M Ia Azbel' A. A. Sinitskin Zhur. eksp. i teor fiz 43 [illegible] 1478 O '62

Universal intramolecular interactions and [illegible] the position of the electron spectra of [illegible] two-component solutions Part 6 Dipole [illegible] and the molecular structure of [illegible] derivatives in the ground state and in the first [illegible] electron state. N. G. Bakhshiev Opt i spektr 13 no. 2:192-199 Ag '62.

QUARANTINE see subdivision under [illegible]

QUARRIES AND QUARRYING see subdivision [illegible] Ovruch region

QUARTZ

Intensity and width of Raman spectrum lines [illegible] quartz. V. G. Zubov, I. P. Ostrova. Kristal. [illegible] 7 no. 4:630-631 Jl-Ag '62

X-ray diffraction data on the α - β phase [illegible] quartz A. N. Khlopova Kristallografiia [illegible] 575 Jl-Ag '62.

QUARTZ—OPTICAL PROPERTIES

Optical orientation of a synthetic quartz [illegible] Dolitsin. Dokl. AN SSSR 146 no. 4, [illegible]

QUARTZITE

(see also subdivision under Dzhetmak [illegible])

At an enterprise of communist labor. [illegible] Ogneupory 27 no. 11:501-509 '62.

QUEEN OF THE MEADOW

Applying the meadowsweet Filipendula ulmaria [illegible] gastrointestinal diseases of young farm animals [illegible] Nazarov. Zhivotnovodstvo 24 no [illegible] 61 [illegible]

QUEUING THEORY

Problem of the effect of bin capacity on the average [illegible] of-service time of an automatic machine [illegible] [with summary in English]. B. A. Novosel'tsev [illegible] Te vereint i ee prim. 7 no. 4.438-447 '62

Some properties of simply connected domains [illegible] [with summary in English]. N. V. Matveiskaia, [illegible] zhur. 14 no. 2:170-178 '62.

QUINACRINE

"Reproduction of acrichine 'psychosis' [illegible] animals." Reviewed by A. S. Chikhlovich [illegible] pelkh. 62 no. 6.047-048 '62

QUINAZOLINE

Benzodiazine series. Part 1: 2, 4-dicyanoalkyl [illegible] quinazoline. I. IA. Postovskii, I. N. Gorbunova Zhur. ob. khim. 32 no. 10:3323-3331 O '62

QUINCE—DISEASES AND PESTS see subdivision [illegible] Moldavia

QUINOLONE

Condensed systems with a nitrogen heteroatom. Part [illegible] Formation of the hydroxyquinolone structure [illegible] Fisher reaction involving 1-aminoalkylidenes. I. P. Judin, A. A. Popravko, A. N. Kost. Zhurnal [illegible] 32 no. 11:3586-3590 N '62.

QUINONE

Kinetics of inhibition of radical polymerization [illegible] Effect of halogen-substituted quinones on [illegible] polymerization of styrene [with summary in English] F Tüdös, L Simandi, M. Azori Vysokom. s-ed. 4 no. 9:1431-1444 S '62.

QUINOXALINE

Benzodiazine series. Part 2: Some 2, 3-aralkyl derivatives of quinoxaline. I. N. Goncharova, I. IA. Postovskii. Zhur. ob. khim. 32 no. 10:3332-3336 O '62

RABBITS—FEEDING AND FEEDS

Effect of a liquid preparation of Sarcina lutea [illegible] growth and development of rabbits. G. P. Kiseleva Uch. zap. Mord. gos. un. no. 13:186-190 '60.

BIES

ge susceptibility of white mice to strains of fixed rabies virus. S S Maksumov Trudy TashNIIVS 9,159-162 '61

netration of fixed rabies virus into the salivary glands of experimentally infected animals S S Maksumov. Trudy TashNIIVS 6:163-166 '61

CE DISCRIMINATION see subdivision under South African, Republic of

ING AUTOMOBILES see Automobiles, Racing

DAR

Tashnikov, A. M., and IA. V. Stepuk. [Fundamentals of radio engineering and radar, oscillatory systems] Osnovy radiotekhniki i radiolokatsii, kolebatel'nye sistemy. Izd. 2., perer. Moskva, Voenizdat, 1962. 365 p.

obability of detecting a batch of radar pulses having a nonrectangular envelope. IU M. Kazarinov. Radiotekhnika 17 no. 11 71-76 N '62.

adar system used in the Venus probe of 1961. V. A. Kotel'nikov and others. Radiotekh. i elektron. 7 no 11:1851-1859 N '62

ception of weak signals using binary storage. V. I. Dunimovich, V. A Morozov. Radiotekh. i elektron. 7 no. 11:1673-1679 N '62

sults of Venus radar probes conducted in 1961. V. A. Kotel'nikov and others Radiotekh. i elektron. 7 no. 11:1860-1873 N '62.

ak signal analyzer used in radar Venus probes in 1961 V. A. Morozov, Z G Trunova. Radiotekh. i elektron. 7 no 11,1880-1889 N '62.

DAR IN NAVIGATION

Khovetskii, A. N. [Radar observations in poor visibility] Radiolokatsionnoe nabliudenie v usloviiakh plokhoi vidimosti. Moskva, Izd-vo "Morskoi transport," 1962. 6 p. (Bibliotechka sudovoditelia morskogo flota)

DAR IN SURVEYING

aluating the accuracy of determining the plane coordinates of nadir points by means of radio geodetic stations of the Central Scientific Research Institute of Geodesy, Aerial Photography, and Cartography. M. D. Gonshin. Trudy TSNIIGAIK no. 146:57-63 '62.

thodology of forming radio geodetic nets in compiling topographic maps. N. D Nazarov. Trudy TSNIIGAIK no. 146:65-72 '62.

MATION

oherent sound scattering from accumulations of discrete inhomogeneities in the case of pulse radiation. V. P. Dolotov. Akust. zhur. 8 no. 3:281-284 '62.

mposite radiation in the case of uniform motion of charge in a homogeneous medium M I. Riazanov. Zhur. eksp. i teor fiz 43 no 4 1550-1561 O '62.

ect of electrostatic instabilities on the distribution unction of a beam interacting with a plasma in a magnetic field. V. D. Shapiro, V. I. Shevchenko. Ukr. fiz. zhur. 7 no. 1:83-86 Ja '62.

thod of studying radiation constants of different biological and physical objects. P. P. Teterin. Trudy Gavr. sel'khoz. inst. no. 9:107-116 '60

cific features of solid-phase radiation polymerization in the course of irradiation. I. M. Barkalov and others. Dokl. AN SSSR 147 no. 2:395-398 N '62.

queness of the solution to the inverse problem of the ymptotic theory of radiation transport. M. V. Masnikov. Zhur. vych. mat. i mat fiz. 2 no. 6:1044-53 N-D '62.

IATION—DOSAGE

opos of the article of D. K. Zavadovskii, "Some problems in dosimetry of betatron radiation", printed in Meditsinskaia radiologiia" No. 5, 1961. S. N. Ardashkov, N. S. Chetverikov. Med. rad. 7 no 7:77-78 Jl '62.

imetric characteristics of electron sources. V. A. Petrov. Med. rad. 7 no. 7:82-88 Jl '62.

asurement of sources of β-radiation by chemical dosimetry. G. A. Mikhal'chenko, I. Kleinman. Radioizotopy 4 no. 4:479-486 '62.

the critical remarks on my article, "Some problems of dosimetry of betatron radiation." D. K. Zavadovskii. Med. rad. 7 no. 7:78-81 Jl '62

ies of remarks on the article of D. K. Zavadovskii, "Some problems in dosimetry of betatron radiation", printed in "Meditsinskaia radiologiia" No. 5, 1961. P. Gerganeev. Med. rad. 7 no. 7:75-77 Jl '62.

of a type "K" nuclear emulsion in individual fast neutron monitoring. L. S. Zolin, V. N. Lebedev, I. I. Salatskaia. Atom energ. 13 no 5 467-471 N '62.

ATION—PHYSIOLOGICAL EFFECTS

Mikhlian, M. G., and A. V. Lebedinskii, eds. Early reactions to the action of small doses of ionizing radiations] Reaktsii organizma na deistvie malykh doz izluchenshchei radiatsii. Moskva, Medgiz, 1962. 184 p.

ect of decortication of the cerebrum on the radioreactivity and radioresistance of the body [with summary in English]. P. V. Simonov. Biul. eksp. biol. i med. 54 no. 7:33-37 Jl '62.

Effect of ionizing radiations on the course of infection and the state of immunity in experimental measles in monkeys. B. A. Lapin, Z. K Stasilevich. Med. rad 7 no. 7:62-67 Jl '62.

Effect of prophylactic stimulation of thrombocytopoiesis on the development of a hemorrhagic syndrome during the action of ionizing radiation [with summary in English] N. V Traskunova. Med. rad. 7 no. 7 45-50 Jl '62.

Iron metabolism disorders in the livers of irradiated mice [with summary in English]. G V Voskoboinikov Vop. med. khim. 8 no. 1:17-20 Ja-F '62.

Mechanism underlying radiation damage of the ovaries in mice L. A. Kashchenko Dokl AN SSSR 147 no. 1: 217-220 N '62

Possibility of forming anti-influenzal immunity in irradiated and nonirradiated animals through rapid vaccination [with summary in English]. E. I Skilianskaia, O P. Peterson. Vop virus 7 no. 5:558-563 S-O '62.

Quantitative change in the sulfhydryl groups in liver cell nucleoproteins of irradiated rats [with summary in English] E M. Kedrova, Zh. A. Antokol'skaia, V M Rodionov. Biokhimiia 27 no 4 685-688 Jl-Ag '62

Radiation injuries of the urinary tract. K. Uhlir. Urologia no. 1:46-51 '62.

RADIATION, STELLAR see Stars—Radiation

RADIATION PROTECTION

Changes in gas exchange in rats after the intra-abdominal administration of cysteine and cysteamine [with summary in English]. A Vacek. Med. rad. 7 no 7: 67-62 Jl '62.

Protective action of phytolipopolysaccharides and VB-2 against the effects of radiation. V. A. Sondak and others. Dokl. AN SSSR 146 no. 4:925-928 O '62.

RADIATION SICKNESS

Basic regularities in the nervous system's reaction in acute radiation sickness (survey of the literature). I. S. Glazunov, A. K. Gus'kova, M. N. Livanov. Zhur. nevr. i psikh. 61 no. 10:1574-1578 '61.

Characteristics of the course and treatment of severe thermal burns of the eyelids in radiation sickness in dogs [with summary in English]. P. V. Preobrazhenskii, V. A Rezontov. Vest oft. no. 4-7-13 '62.

Effect of specific hemolysins on the dynamics of phagocytosis in peritoneal exudate during radiation sickness. M. S. Kostenko Med. rad. 7 no. 7,80-82 Jl '62.

Kovlishvili, G. E [Experimental transplantation of bone marrow in acute radiation sickness] Transplantatsiia kostnogo mozga pri ostroi luchevoi bolezni v eksperimente. Tbilisi, Izd-vo Akad. nauk Gruzinskoi SSR, 1961. 61 p. (DNLM)

Letter to the editor. A. M. Tikhonova, A. S. Sharpan', Vop. kur., fizioter. i loch. fiz. kul't. 27 no. 2:171 Mr-Ap '62.

Petrov, R. V. [Immunology of acute radiation lesions] Immunologiia ostrogo luchevogo porazheniia. Moskva, Gosatomizdat, 1962. 266 p. (DNLM)

Radiation lesions in children as a result of treating malignant and benign tumors [with summary in English] K. A. Moskacheva and others. Med. rad. 7 no. 7:38-45 Jl '62.

Sensitivity of the body to pharmacological substances in lesions caused by Sr^{90}. A. M. Ivanitskii. Med. rad 7 no. 7.72-74 Jl '62.

Some protective and restorative reactions of the body in radiation sickness. N. K. Sviridov, E G. Parfenova. Med. rad. 7 no. 7:89-90 Jl '62.

RADICALS (CHEMISTRY)

Formation of free radicals in autoxidation reactions photosensibilized by chlorophyll and pheophytin. V. E. Karpitskaia, I. A. Dolidze, M. S. Ashkinazi. Dokl. AN SSSR 146 no. 4:844-847 O '62.

Free radicals in the oxidation of phenols in the presence of complex catalysts. L. V. Gorbunova, M. L. Khidekel', G. A. Razuvaev. Dokl. AN SSSR 147 no. 2,368-371 N '62.

Free radicals of metabolic origin. Z. P. Kometiani. Biofizika 7 no. 4:407-410 '62.

Oxidation of triphenylalkanes. G. A. Razuvaev and others. Zhur. ob. khim. 32 no. 10.3454 O '62.

Polymerization of vinyl ethyl sulfone under the effect of free radical initiating agents. M. F. Shostakovskii, E. N. Prilezhaeva, A. V. Sviridova. Dokl. AN SSSR 146 no. 4:837-839 O '62.

Role of free radicals in muscle contraction. Van Lin-fan [Wang Ling-fang] and others. Biofizika 7 no. 4: 479-486 '62.

RADICALS (CHEMISTRY)—SPECTRA

Electron paramagnetic resonance study of the free α,α-diphenyl-β-pentaphenylcyclopentadienylhydrazyl radical. A. E. Arbuzov and others. Dokl. AN SSSR 147 no. 1:99-102 N '62.

RADIO

Bukter, V. O., I. N. Vallaev, and IU. I. Rablnovich. [Installation of radio equipment] Montazh radioapparatury. Izd. 2., perer. Moskva, Gosenergoizdat, 1952. 341 p.

Dombrovskaia, N. M. [Radio engineering reader in German] Khrestomatiia po radiotekhnike na nemetskom iazyke, osobie dlia studentov, izuchaiushchikh inostrannyi iazyk. Moskva, Vysshaia shkola, 1961. 74 p

Interference free determination of position in time of a weak impulse signal masked by fluctuation noise IU. P. Ozerskii. Izv vys. ucheb. zav., radiotekh 5 no. 5 603-607 S-O '62.

Interference rejection of the reception of signals with discrete values in the presence of correlated noise. V F Nesteruk. Izv vys. ucheb. zav., radiotekh 5 no. 5 596-602 S-O '62

Kalashnikov, A. M., and IA. V. Stepuk. [Fundamentals of radio engineering and radar, oscillatory systems] Osnovy radiotekhniki i radiolokatsii, kolebatel'nye sistemy. Izd. 2., perer. Moskva, Voenizdat, 1962. 365 p.

[Radio engineering abroad] Zarub. radioelek. 17 no. 11 N '62.

RADIO—ABSTRACTS

[Automatic control and radio engineering] Ref. zhur. Avtom. i radioelektr. nos. 10-12 O-D '62.

RADIO—ANTENNAS

Concerning the article "Correlation characteristics of the field of a linear antenna." IA. S. Shifrin. Radiotekh. i elektron. 7 no. 12:2105 D '62.

RADIO—BIBLIOGRAPHY see Bibliography—Radio

RADIO—CONGRESSES

An all-Union scientific session dedicated to "Radio Day." V. A. Il'in. Radiotekhnika 17 no. 11.77-80 N '62.

Scientific and technical conference in Kiev dedicated to "Radio Day." O M. Gaplichuk Izv vys ucheb. zav., radiotekh 5 no. 5 657-659 S-O '62.

RADIO—EQUIPMENT AND SUPPLIES

Replies to S. M. IAkushev's article "What we expect from industry." D. A. Ivanov and others. Vest. sviazi 22 no. 10 25-26 O '62.

RADIO—EXHIBITIONS

Litvinov, S. V. [Radio broadcasting equipment at the Exhibition of the Achievements of the National Economy of the U. S. S. R.; exposition of 1960] Radioveshchatel'naia apparatura na VDNKh; ekspozitsiia 1960 g. Moskva, Gosenergoizdat, 1961. 71 p. (Massovaia radiobiblioteka, no. 402)

RADIO—INTERFERENCE

Stray modulation by small additive noise. E. L. Blokh, A. A. Kharkevich. Radiotekhnika 17 no. 11 5-13 N '62.

RADIO—NOISE

Method for determining the noise parameters of four-terminal networks. N. V. Terpugov. Radiotekhnika 17 no. 11:11-22 N '62.

Noise intensity of a circuit with negative resistances. I. M. Ainbinder. Radiotekhnika 17 no. 11:30-43 N '62.

RADIO—QUALITY CONTROL

Effect of the duration of preventive maintenance on the reliability of radio electronic apparatus. L. L. Barvinskii, M. M. Lastovchenko Elektrosviaz' 16 no. 11 57-61 N '62.

RADIO—RECEIVERS AND RECEPTION

"Era". M. Brukva. Znan. ta pratsia no. 9,31-32 S '62.

New radio merchandise. A. Antonov. Sov. potreb. koop. 6 no. 10.60-62 O '62.

Noise characteristics of signal preamplifiers of low ohmic thermal receivers [with summary in English]. M. P. Beselkin, L. S. Kremenchugskyi, A. F. Mal'niev. Ukr. fiz. zhur. 7 no. 1:46-53 Ja '62.

RADIO—REPAIRING see subdivision under Ol'khovatka District

RADIO—TRANSMITTERS AND TRANSMISSION

Okun', E. L. [Calculation and design of radio transmitters] Raschet i proektirovanie radioperedatchikov. Leningrad, Sudpromgiz, 1962. 414 p.

RADIO, MILITARY

Radiomen keep their word. V Anisimov. Voen vest. 42 no. 5,16-17 My '62

Utilize the possibilities of radio more fully A. Leonov Voen. vest. 42 no. 5:98-100 My '62.

RADIO ASTRONOMY

Investigation of the spatial frequency spectrum of a regular interferometer having N antennas. A. Balklava. Izv. AN Latv. SSR no. 7.67-84 '62.

Measurement of the polarization of lunar radio emission at the 3,2 cm. wavelength with the large Pulkovo radio telescope [with summary in English]. N. S. Soboleva. Astron. zhur. 39 no. 6:1124-1126 N-D '62.

Observations of radio brightness distribution on the lunar disk at the 0,8 cm. wavelength [with summary in English]. A. E. Salomonovich, B. IA. Losovskii. Astron. zhur. 39 no. 6:1074-1082 N-D '62.

Observations of the radio emission of Venus and Jupiter at the 3,3 cm. wavelength [with summary in English]. V. P. Bibinova and others. Astron. zhur. 39 no. 6: 1083-1086 N-D '62.

Paris Symposium on Radio Astronomy, 1958. [Radio astronomy. Translated from the English] Radioastronomiia. Red. angliiskogo izd. R. N. Bracewell. Perevod pod red. V. V. Vitkevicha. Moskva, Izd-vo inostr lit-ry, 1961. 594 p. (RPB)

Polarization of the Cygnus A galaxy. V. I. Slutskii. Priroda 51 no. 11:106-107 N '62.

Radiation properties of the moon at centimeter wavelengths (with summary in English). V. D. Krotikov, V. S. Troitskii. Astron. zhur. 39 no. 6:1089-1093 N-D '62.

Radio emission of Venus on the centimeter band. L. V. Krasnogub. Uch. zap. KhGU 122 86-90 '62.

RADIO FREQUENCY MODULATION

Cartianu, Gh. [Frequency modulation] Chastotnaia modulatsiia. [Bucharest] Izd-vo Akad. Rumynskoi Narodnoi Respubliki, 1961. 578 p.

RADIO IN EDUCATION

Radio in a school where some subjects are taught in English. F. M. Gzhenienta, N. P. Kriachun, V. I. Shevnina. Inostr. iaz. v shkole no. 4:69-73 Jl-Ag '62.

RADIO IN NAVIGATION

Ermolaev, G. G. [Plotting radio bearings on marine charts] Prokladka radiopelengov na morskoi karte, uchebnoe posobie dlia sudovoditel'skikh fakul'tetov vysshikh inzhenernykh morskikh uchilishch MMF. Moskva, Izd-vo "Morskoi transport," 1962. 84 p.

RADIO LINES

Crosstalk attenuation at the nearest end between twisted two-wire networks in balanced communication cables. V. A. Setsko. Elektrosviaz' 16 no. 11:48-56 N '62.

RADIO MEASUREMENTS

Accuracy of the measurement of the frequency of a fluctuating signal with white noise background. D. L. Kulikov. Izv. vys. ucheb. zav., radiotekh. 5 no. 5:642-644 S-O '62.

A device for measuring small indices of phase modulation. D. I. Sheinman. Izv. vys. ucheb. zav., radiotekh. 5 no. 5:640-642 S-O '62.

Experimental study of frequency overshoots. V. I. Tikhonov, V. A. Larikov. Radiotekh. i elektron. 7 no. 11:1901-1909 N '62.

RADIO OPERATORS see subdivision under Alma-Ata

RADIO RELAY SYSTEMS

Optimum pre-emphasis in multichannel FM radio relay lines with frequency-division multiplex. V. B. TSeitlin. Elektrosviaz' 16 no. 11:11-16 N '62.

RADIO WAVES

Amplitude and phase of a field with logarithmically-normal law of the distribution of the components. L. E. Kopilovich, S. IA. Braude. Radiotekh. i elektron. 7 no. 12:1988-1996 D '62.

Some phenomena induced in n-type indium antimonide by radio-frequency radiation [with summary in English]. T. M. Lifshits and others. Zhur. eksp. i teor. fiz. 42 no. 4:959-966 Ap '62.

RADIOACTIVE FALLOUT

Decontamination of the population. V. Kovalenko. Voen. znan. 38 no. 11:34-36 N '62.

Determination of long-lived beta-particle radiators in atmospheric fallout. V. I. Baranovskii, V. D. Vilenskii. Radiokhimiia 4 no. 4:486-492 '62.

Fallout of Pb^{210} from the atmosphere. V. I. Baranov, V. D. Vilenskii. Radiokhimiia 4 no. 4:493-496 '62.

Karol', I. L., and S. G. Malakhov, eds. [Nuclear meteorology] Voprosy iadernoi meteorologii; sbornik statei. Moskva, Gosatomizdat, 1962. 271 p.

RADIOACTIVE PROSPECTING

Distinguishing the regional component in a profile. A. K. fAnuvskii. Trudy VNII no. 36:207-209 '62.

RADIOACTIVE PROSPECTING—CONGRESSES

Results of a conference on the direct radiometric and radiogeochemical methods for oil and gas prospecting. G. S. Semenov, A. A. Kovaleva. Sov. geol. 5 no. 6:143-147 Je '62.

RADIOACTIVE TRACERS

Method of radioactive indicators used for determining the comparative frequency of feeding of various species of fleas under laboratory conditions. N. S. Novokreshchenova, I. S. Soldatkin, A. I. Levoshina. Vop. ekol. 4:135-137 '62.

Study of the proliferation properties of hematopoietic cells using radioactive indicators; a survey of the literature. G. I. Kozinets. Probl. gemat. i perel. krovi no. 11:41-48 '62.

Study of the proliferation property of hemopoietic cells using radioactive indicators during radiotherapy [with summary in English]. G. I. Kozinets, T. P. TSesarskaia, M. P. Bogolavlenskaia. Med. rad. 7 no. 7:50-57 Jl '62.

RADIOACTIVE WASTE DISPOSAL

More about the problem of radioactive waste. V. Emel'ianov. Nov. vrem. 20 no. 39:16-18 S '62.

RADIOACTIVITY

Effect of radioactivity on the coloration of fluorite. G. A. Il'inskii. Zap. Vses. min. ob-va 91 no. 5:613-615 '62.

Electrode potentials of radioactive specimens of Armco iron and steel-2 in distilled water and in aqueous solutions of inhibitors. K. N. IAndushkin, S. A. Balezin, Vikt. Spitsyn. Dokl. AN SSSR 147 no. 1:155-158 N '62.

Study of the natural radioactivity of the soil and plant cover of the Armenian S. S. R. L. E. Mkrtchian, A. N. Bragina, L. I. Zlobin. Trudy Erev. med. inst. no. 11:145-150 '60.

RADIOACTIVITY—MEASUREMENT

Background determinations in radioactivity measurements of the order of 10^{-11} to 10^{-13} Curie. V. V. Artem'ev. Atom. energ. 13 no. 5:479-480 N '62.

Determination of iron in an agglomerate based on the absorption of radioactive radiation. P. D. Korzh, V. I. Ivanov. Zav. lab. 28 no. 8:965-966 '62.

Using the radioactive method for the analysis of soil samples from the Novgorod archaeological excavations. V. I. Spitsyn and others. Sov. arkheol. 6 no. 4:243-247 '62.

RADIOACTIVITY—PHYSIOLOGICAL EFFECT

Let's protect the world ocean against radioactive contamination. A. F. Fedorov, V. N. Podymakhin. Priroda 51 no. 11:47-50 N '62.

Radioecology. A. A. Peredel'skii. Vop. ekol. 4:66-67 '62.

RADIOACTIVITY—SAFETY MEASURES

"Protection against radioactive and poisonous substances" by F. I. Manets. Reviewed by P. Astashenkov. Starsh. serzh. no. 9:18 S '62.

Protection from radioactive and chemical substances. F. Manets. Voen. vest. 42 no. 5:36-39 My '62.

RADIOAUTOGRAPHY see Autoradiography

RADIOBIOLOGY

Rays and life. O. Horodets'kyi, V. Barabol. Znan. ta pratsia no. 9:14-15 S '62.

RADIOCARBON DATING

New data on the age of some radiocarbon dated Quaternary sediments in the European part of the U. S. S. R. I. D. Starik, Kh. A. Arslanov. Biul. Kom. po opr. abs. vozr. geol. form. no. 5:43-47 '62.

Use of radiocarbon dating for studying the processes of recent sedimentation. I. E. Starik, A. P. Zharkov. Biul. Kom. po opr. abs. vozr. geol. form. no. 5:35-42 '62.

RADIOCHEMISTRY

Certain rules governing the kinetics and mechanism of radiochemical reactions. S. IA. Pshezhetskii. Probl. fiz. khim. no. 1:31-47 '58.

Determination of the ion exchange constants by the method of elution radiochromatography. V. V. Rachinskii, S. M. Rustamov. Radiokhimiia 4 no. 4:434-442 '62.

Korshunov, I. A., and others. [Problems in radiochemistry] Sbornik zadach po radiokhimii. [By] R. V. Amenitskaia i dr. Pod red. I. A. Korshunova. Gor'kii, Gor'kovskii gos. univ. im. I. I. Lobachevskogo, 1960. 91 p. [MICROFILM]

Mechanism of radiational-electrochemical processes. V. I. Veselovskii. Probl. fiz. khim. no. 1:73-80 '58.

Nuclear radiation sources for radiational-chemical studies. A. Kh. Breger. Probl. fiz. khim. no. 1:61-72 '58.

Radiation chemistry of polymers. V. L. Karpov. Probl. fiz. khim. no. 1:23-30 '58.

Radiochemical study of the reactions of deep spallation and fission of tantalum by 680-MEV protons. V. I. Baranovskii, A. N. Murin, B. K. Preobrazhenskii. Radiokhimiia 4 no. 4:470-479 '62.

Sensitization of radiochemical oxidation reactions. M. A. Proskurin. Probl. fiz. khim. no. 1:48-60 '58.

Spent fuel elements as sources of gamma rays in radiochemical apparatus. B. I. Vainshtein, A. Kh. Breger, N. P. Syrkus. Khim. prom. no. 9:651-652 S '62.

Third way. IU. Fialkov. Znan. ta pratsia no. 9:12-14 S '62.

Trends in the development of radiation chemistry. A. M. Kabakchi. Ukr. khim. zhur. 28 no. 8:889-904 '62.

RADIOISOTOPES

Adsorption of radioactive isotopes on non-ion exchanging polymer adsorbents. Part 3. Adsorption of cesium, thallium, silver, and strontium on fluoroplast 4 and polyethylene. I. E. Starik, V. N. Shchebetkovskii, I. A. Skul'skii. Radiokhimiia 4 no. 4:393-398 '62.

Apparatus with the automatic recording of activity for the continuous extraction of radioactive isotopes. K. B. Zaborenko, Atif Alian. Zav. lab. 28 no. 11:1380-1382 '62.

Counting-rate meter for investigating the wear of machine parts by the method of radioactive isotopes. B. P. Pakhomov. Zav. lab. 28 no. 11:1385-1388 '62.

[illegible] izbrannye doklady inostrannykh uchenykh. Pod red. V. V. Bochkareva. Moskva, Gosatomizdat, 1963. 287 p.

Nuclear radiation sources for radiational-chemical studies. A. Kh. Breger. Probl. fiz. khim. no. 1:61-72 '58.

"Radioactive isotopes in analytical chemistry" by L. M. Mikheeva, N. B. Mikheev. Reviewed by I. M. Kolthoff, F. R. Shelanova, B. A. Nikolaev. Zav. lab. 28 no. 11:1402-1403 '62.

Rectilinear manipulator and devices for the remote operation with radioactive isotopes. M. A. Veksler. Zav. lab. 28 no. 8:995-996 '62.

Some data on the migration of cesium and strontium radioisotopes from reservoirs with slow circulation. Report No. 1. A. I. Agte, B. M. Agafonov. Biul. MOIP. Otd. biol. 67 no. 3:154-155 My-Je '62.

Use of radioactive isotopes in the study of rectification and in testing rectification columns. IA. D. Zel'venskii, V. A. Shalygin. Khim. prom. no. 6:421-427 Je '62.

RADIOISOTOPES—INDUSTRIAL APPLICATIONS

Determination of gamma-quantities of indium and gallium in ores and products of their treatment using the method of isotope dilution. L. N. Kuznetsova, B. L. Surebtanyi. Izv. vys. uchob. zav., tsvet. met. 5 no. 3:107-112 '62.

Determination of metal content in an aluminum coil with the help of the isotope Au^{198}. T. A. Potapova, V. V. Tokarev. TSvet. met. 35 no. 7:51-54 Jl '62.

Possibility of using ion exchange resins as carriers of radioactive isotopes. I. G. Zhuvagin, Iu. A. Akchurin, R. V. Khaliullin. Razved. i prom. geofiz. no. 42:115-117 '62.

Radioisotope automatic system of a cardboard making machine. A. S. Shamaon. Bum. prom. 37 no. 10:13-16 O '62.

Recording device for the ARPK-1 apparatus of radioactive preventive control. P. F. Puzyrev. Nauch. trudy VNIIPodzemgaza no. 7:73-79 '62.

RADIOISOTOPES—PHYSIOLOGICAL EFFECT

Blastomogenic action of small quantities of radioactive isotopes [with summary in English]. N. A. Krasnogorskii, V. N. Strel'tsova, IU. I. Muskalev. Med. rad. 7 no. 7:68-72 Jl '62.

Effect of Sr^{90}-Y^{90} on the developing eggs of anchovies and the sea bass Serranus scriba L. G. G. Polikarpov, V. N. Ivanov. Biul. MOIP. Otd. biol. 67 no. 3:153-154 My-Je '62.

RADIOMETRY

Possibility of using a mixture of isotopes of Sr^{89} and $Sr^{90} + Y^{90}$ in direct radiometry. IU. V. Egorov and others. Radiokhimiia 4 no. 4:516-518 '62.

RADIOMIMETIC SUBSTANCES

Autolysis of liver proteins in rats after intraperitoneal introduction of oxidized oleic acid. Radiomimetic characteristics of oxidized oleic acid. IU. B. Kudriashov, B. A. Lomsadze. Vest. Mosk. un. Ser. 6. Biol., pochv. 17 no. 5:24-28 S-O '62.

RADIOTELEPHONE

Detection of impulse interference in the background of a radiotelephone signal. M. V. Litvin. Izv. vys. ucheb. zav., radiotekh. 5 no. 5:609-613 S-O '62.

RADIOTHERAPY

Effect of physical stress on the level of arterial pressure in patients subjected to therapy with ionizing radiations [with summary in English]. A. V. Mikhvetadze. Med. rad. 7 no. 7:34-38 Jl '62.

Morphological changes in cancer of the vulva depending on the method of preoperative radiotherapy [with summary in English]. N. P. Paplian, T. E. Gonh. Med. rad. 7 no. 7:17-25 Jl '62.

One erroneous aim in radiotherapy - the so-called radiotherapeutic test. S. A. Reinberg. Med. rad. 7 no. 7:3-10 Jl '62.

Radiotherapy of cancer of the bladder [with summary in English]. A. V. Kozlova, IU. Kh. Sarkisian. Med. rad. 7 no. 7:11-17 Jl '62.

Radiotherapy of tumors of the jugulo-tympanic glomus. E. P. Fleis. Med. rad. 7 no. 7:25-29 Jl '62.

Rational radiotherapy of cancer of the corpus uteri and the methods for insuring individual care [with summary in English]. V. P. Tobilevich. Vop. onk. 8 no. 8:35-41 '62.

Study of the proliferative property of hemopoietic cells using radioactive indicators during radiotherapy [with summary in English]. G. I. Kozinets, T. P. TSesarskaia, M. P. Bogolavlenskaia. Med. rad. 7 no. 7:50-57 Jl '62.

RADIUM

Anomalous α-emitters in the Po-Ra region [with summary in English]. V. A. Karnaukhov. Zhur. eksp. i teor. fiz. 42 no. 4:973-978 Ap '62.

Neutron yield from nitrogen, oxygen, air, and water under the action of radium C' α-particles. G. V. Torshkov, V. A. Zlobkin, O. S. TSvetkov. Atom. energ. 13 no. 5:475-476 N '62.

RADOMYSHL' DISTRICT—SERVICE INDUSTRIES

Service industries in the village of Ostchki. O. Martianenko. Ukraina no. 22:20-21 N '62.

RADOMYSHL' DISTRICT—SOVIETS

From the practice of a rural soviet of workers' deputies D Torop Rad. pravo no 6 41-46 N-D '62

RAILROAD BRIDGES

Functioning of the joints of precast reinforced concrete spans V. P. Pol'ovio, Iu. L. Mel'nikov. Bet. i zhel.-bet. 8 no. 10 456-458 O '62

RAILROAD ENGINEERING

Problems in the construction and maintenance of the roadbed. M. N Goldshtein Zhel dor transp 44 no 11:58-61 N '62.

RAILROADS

(see also subdivision under Samarkand; Simferopul')

From the editor's mail Zhel. dor. transp. 44 no. 11: 93 N '62.

Prospects of an efficient utilization of railroad and automotive transportation. F. V Kalabukhov Zhel dor. transp 44 no. 11.20-24 N '62.

A well coordinated work is the basis of the merchant marine and railroad operations. V. G. Bakaev. Zhel dor. transp. 41 no. 11:10-19 N '62.

RAILROADS—ABSTRACTS

[Railroad transportation] Ref. zhur.: Zhel. dor. transp. no. 12 D '62.

RAILROADS—ACCIDENTS

(see also subdivision under Barnaul, Altai Territory)

Expert determinations of intravital decapitation in railroad and other accidents, experimental study. G. V. Kovalevskii. Sud.-med. ekspert. 5 no. 4.8-13 O-D '62.

RAILROADS—BAGGAGE

Nenakhov, P. Z. [Manual for the baggage-weighing and issuing attendant] Spravochnik vesovshchika-razdatchika bagazha. Moskva, Transzheldorizdat, 1962. 210 p.

RAILROADS—BIBLIOGRAPHY see Bibliography—Railroads

RAILROADS—BRAKES

Electropneumatic brake of the N6OP electric locomotive. V. I. Mulikhov, A. L. Poliakov. Elek. i tepl. tiaga 6 no. 10:8-9 O '62.

Improvement in the design of No. 222 engineer's brake valve. V. A. Grinko, N. N. Klimov. Elek. i tepl. tiaga 6 no. 10:6-7 O '62.

Russia (1923- U. S. S. R.) Glavnoe upravlenie lokomotivnogo khoziaistva. [Instructions on automatic brakes for the locomotive engineer; canceling the TsT 1747 Instruction on Automatic Brakes for the Locomotive Engineer of October 15, 1953] Instruktsiia po avtotormozam mashinista lokomotiva; v otmenu Instruktsii po avtotormozam mashinista lokomotiva TsT 1747 ot 15 oktiabria 1953 g. Moskva, Transzheldorizdat, 1962. 85 p.

RAILROADS—BUILDINGS AND STRUCTURES

Sarkisov, G. M. [Overall repair of buildings and structures, experience of the Tashkent road crew] Kompleksnyi remont zdanii i sooruzhenii; opyt kollektiva Tashkentskoi dorogi. Moskva, Transzheldorizdat, 1962. 22 p.

RAILROADS—CARS

Strength test of the body of the ER-6 railroad-car model [with summary in German]. N. Kalnins, T. Klucin. Izv. AN Latv. SSR no. 4:41-48 '62.

RAILROADS—CARS—CONSTRUCTION

What one can't do, all together one master. K. Buturova, M. Kurakin. Okhr. truda i sots. strakh. 6 no. 10:20-21 O '62.

RAILROADS—COMMUNICATION SYSTEMS

(see also subdivision under Australia; Caucasus, Northern)

Experience in the operation of ZhR-5 transmitter-receiver sets. E. P. Fedorov. Avtom., telem. i sviaz' 6 no. 11:39-40 N '62.

Increase in the interference rejection of the receiver of the ZhR-3 transmitter-receiver set. A. A. Tantsura, S. I. Tropkin. Avtom., telem. i sviaz' 6 no. 11 12-16 N '62.

The leading workers of the communication center. P. A. Alekseev. Avtom., telem. i sviaz' 6 no. 11:23-25 N '62.

Use of an oscillograph in studying the operation of automatic cab signaling equipment. V. M. Golovko. Avtom., telem. i sviaz' 6 no. 11:28-29 N '62.

Use of high-frequency channels for train radio communication systems. G. E. Rybalko, S. G. Maletskii. Avtom., telem. i sviaz' 6 no. 11:34-35 N '62.

RAILROADS—COST OF OPERATION

(see also subdivision under Communist Countries)

Russia (1923- U. S. S. R.) Ministerstvo putei soobshchenila. [Methodological instructions on calculating the costs of railroad transportation] Metodicheskie ukazaniia po kal'kuliatsii sebestoimosti zheleznodorozhnykh perevozok. Moskva, Transzheldorizdat, 1962. 94 p.

RAILROADS—DINING-CAR SERVICE

A shop of semiprocessed products. I. Serebrianyi. Obshchestv. pit. no. 10:25 O '62.

RAILROADS—ELECTRIC EQUIPMENT

Change in the motor network of trackside code transmitters. A. G. Chirskov Avtom., telem. i sviaz' 6 no. 11:33 N '62.

Remarks concerning V. K. Cherkashin's article "Fuses should be designed with greater accuracy." Avtom., telem. i sviaz' 6 no. 11:16 N '62.

RAILROADS—ELECTRIFICATION see subdivision under Caucasus, Northern

RAILROADS—ELECTRONIC EQUIPMENT

Experience in the operation of ZhR-5 transmitter-receiver sets. E. P. Fedorov. Avtom., telem. i sviaz' 6 no. 11 39-40 N '62.

Improvement of the PI-PChDTa-56$_a$ test stand. V. A. Fedorov. Avtom., telem. i sviaz' 6 no. 11:36-38 N '62.

Increase in the interference rejection of the receiver of the ZhR-3 transmitter-receiver set. A. A. Tantsura, S. I. Tropkin. Avtom., telem. i sviaz' 6 no. 11:12-16 N '62.

Transistorized PPSh-62 Sev converter. Iu. V. Grigor'ev, Iu. A. Milliukov. Avtom., telem. i sviaz' 6 no. 11:30-41 N '62.

Use of high-frequency channels for train radio communication systems. G. E. Rybalko, S. G. Maletskii. Avtom., telem. i sviaz' 6 no. 11:34-35 N '62.

RAILROADS—EMPLOYEES

(see also subdivision under Kazakhstan)

[Beacons in locomotive operation and maintenance] Maiaki lokomotivnogo khoziaistva. Moskva, Transzheldorizdat, 1962. 133 p. (Zheleznodorozhniki-peredoviki sotsialisticheskogo sorevnovaniia)

Chief of the Kuenginsk railroad district. A. A. Golikov. Avtom., telem. i sviaz' 6 no. 11.25-26 N '62.

[Experts in their profession] Mastera svoego dela. Moskva, Transzheldorizdat, 1962. 127 p. (Zheleznodorozhniki-peredoviki sotsialisticheskogo sorevnovaniia)

The leading workers of the communication center. P. A. Alekseev. Avtom., telem. i sviaz' 6 no. 11:23-25 N '62.

Our beacon lights. I. I. Maksimenko. Elek. i tepl. tiaga 6 no. 10 1-2 O '62.

[Progressive communication workers] Peredovikisviazisty. Moskva, Transzheldorizdat, 1962. 30 p. (Zheleznodorozhniki-peredoviki sotsialisticheskogo sorevnovaniia)

To work harder today means to enjoy greater benefits tomorrow. Avtom., telem. i sviaz' 6 no. 11:5-6 N '62.

RAILROADS—EQUIPMENT AND SUPPLIES

"Plastics in railroad transportation" by I. P. Sitkovskii. Reviewed by V. P. Bogdanov, V. P. Mikheev, V. P. Popov. Zhel. dor. transp. 44 no. 11 95-96 N '62.

Potentials of savings in axle bearing lubricants. M. V. Orlov. Zhel. dor. transp. 44 no. 11:79-80 N '62.

The ShPM-02 tie tamper. Z. S. Varshavskii, V. G. Oldakpin. Stroi. i dor. mash. 7 no. 10:16-18 O '62.

Use of new equipment and techniques for tracks, structures, signalization and communications Zhel. dor. transp. 44 no. 11 69-70 N '62.

RAILROADS—FREIGHT

Change the procedure of payments for freight transportation. A. Dmitriev. Plan. khoz. 39 no 11:86-87 N '62

Economic efficiency of centralized freight transportation. E. Fuiman. Nauch. dokl. vys. shkoly, ekon. nauki 5 no. 6:101-108 '62.

Efficient distribution of freight terminals in a large city. N. IA. Stefanov, A. A. Poliakov. Zhel dor transp 44 no 11 81-82 N '62.

"Freight routing and improvement of its efficiency" by V. T. Osipov. Reviewed by A. IA. Samodumov, V. A. Morskulov, M. N. Zatkin. Vest. AN SSSR 32 no. 11: 145-146 N '62.

Grinkevich, G. P. [Mechanization and automation of loading and unloading operations and warehouses in railroad transportation] Mekhanizatsiia i avtomatizatsiia pogruzochno-razgruzochnykh rabot i sklady na zheleznodorozhnom transporte. Moskva, Transzheldorizdat, 1962. 365 p.

Il'in, K. P. and N. I. Shishkin. [Manual on freight weighing] Spravochnik po vesovomu khoziaistvu. Moskva, Transzheldorizdat, 1962. 319 p.

Interaction of railroad and inland water transportation. S. A. Kuchkin. Zhel dor. transp. 44 no 11:14-19 N '62.

It is necessary to review the railroad statutes. I. Polishchuk, I. IAkubovich. Nar. khoz. Kazakh. 20 no. 9: 61-65 S '62.

Lepskii, A. V., and E. V. Erofeev. [Selecting the means of mechanization in the loading and unloading operations for stations with small and medium freight turnover] Vybor sredstv mekhanizatsii pogruzochno-razgruzochnykh rabot dlia stantsii s malym i srednim gruzooborotom. Moskva, Transzheldorizdat, 1962. 35 p.

Vishnevskii, I. D., and others. [Industrial transportation sections and railroad stations] Transportnyi tsekh i stantsiia. Moskva, Transzheldorizdat, 1962. 58 p.

RAILROADS—FREIGHT CARS

How to prevent car damage of car dumpers. G. K Sanderov Zhel dor. transp 44 no. 11-66-68 N '62

RAILROADS—HUMP YARDS

New developments in the classification station A F. Kraplvin, G. A. Mukhamedov, S. D Kravtsov Zhel. dor. transp 44 no 11 77-78 N '62.

Special features of the use of automatic control means in hump yards. G. I. Oleshko Avtom., telem. i sviaz' 6 no. 11-1-4 N '62.

RAILROADS—MAINTENANCE AND REPAIR

Abramov, L. T., M. V. Avdochkina, and N. D. Kocheiova. [Antiheaving measures on railroads] Protivopuchinnye meropriiatiia na zheleznykh dorogakh. Moskva, Transzheldorizdat, 1962. 22 p.

Emel'ianov, N. P., and others. [Multielectrode automatic built-up welding under flux] Mnogoelektrodnaia avtomaticheskaia naplavka pod flusom. Moskva, Vses. Izdatel'sko-poligr. ob"edinenie M-va putei soobshcheniia, 1962. 134 p. (Moscow, Vsesoiuznyi nauchno-issledovatel'skii institut zheleznodorozhnogo transporta. Trudy, no. 239)

RAILROADS—MAKING UP TRAINS

Our readers discuss the book "Switching diesel locomotives." L. K. Kuz'min, V. P. Gusev. Elek. i tepl. tiaga 6 no. 10 10, p. 3 of cover O '62.

RAILROADS—MANAGEMENT

Increasing the efficiency of the utilization of the locomotive fleet. A. I Tishchenko Zhel dor transp 44 no. 11.50-54 N '62.

RAILROADS—PRODUCTION STANDARDS

Kulagin, N. N., and P. I. Dudaev. [Production norms in railroad transportation] Normirovanie truda na zheleznodorozhnom transporte. Moskva, Transzheldorizdat, 1962. 214 p.

RAILROADS—RAILS

Deoxidation of rail steel by ferrotitanium and a reduced amount of aluminum. N. I. Shirokov, B. G. Petukhov. Izv. vys. ucheb. zav.: chern. met. 5 no. 10.42-46 '62.

Development of plastic deformations in rail heads during their manufacture and use S. A Stepkin, L. M Khanson. Sbor. trud. LIIZHT no 174.5-18 '60.

Properties of welded heat-treated rails E. Z Freidenzon and others Stal' 22 no 11 1040-1041 N '62.

RAILROADS—RAILS—TESTING

Investigating the contact strength of steel for railroad rails. S. I Makukhin, I. V. Navrotskii, D. S. Kazarskii. Stal' 22 no. 9:838-842 S '62.

RAILROADS—ROLLING STOCK

Proper choice of the mode of operation of a train is of utmost importance. A. I. Chernousov. Elek. i tepl. tiaga 6 no. 10:14-15 O '62.

Replies to the inquiries of our readers. I. F. Pushkarev and others. Elek. i tepl. tiaga 6 no. 10:35-36 O '62.

RAILROADS—ROLLING STOCK CLEANING see subdivision under United States

RAILROADS—SANITATION see subdivision under Transcarpathia

RAILROADS—SIGNALING

(see also subdivision under Australia)

[Progressive communication workers] Peredovikisviazisty. Moskva, Transzheldorizdat, 1962. 30 p. (Zheleznodorozhniki-peredoviki sotsialisticheskogo

P

...tion of stations with a high idle time to operation on through blocking posts. D.M.Gumburg, E.N. Kirichenov. Avtom., telem.i sviaz' 6 no.11 30-31 N '62.

RAILROADS—TECHNOLOGICAL INNOVATIONS see subdivision under Moscow

RAILROADS—TEXTBOOKS
"Organization of freight and commercial operations" by A.T. Derlugs, V.P. Potapov Reviewed by I.F. Grebennikov and others Zhel.dor transp. 44 no.11 94-95 N '62.

RAILROADS—TIES
Contribution to the theory of the electrical resistance of railroad crossties. N.A.Bulkin. Avtom., telem.i sviaz' 6 no.11,10-12 N '62.

RAILROADS—TIME-TABLES
[Moskva - Vladivostok; railroad guide] Moskva - Vladivostok, putevoditel' po zheleznoi doroge. Moskva, Geografgiz, 1962. 266 p.

RAILROADS—TRAFFIC see subdivision under Germany, West

RAILROADS, INDUSTRIAL
Vishnevskii, I.D., and others. [Industrial transportation sections and railroad stations] Transportnyi tsekh i stantsiia. Moskva, Transzheldorizdat, 1962. 68 p.

RAIN FORESTS see subdivision under Yunnan Province

RALSTONITE
Ralstonite from central Kazakhstan, Kamchatka, and the Il'men Mountains. V.I.Stepanov, V.A.Moleva. Zap. Vses.min.ob-va 91 no.5:568-572 '62.

RAMAN EFFECT
Intensity and width of Raman spectrum lines in artificial quartz. V.G.Zubov, L.P.Ostpova. Kristallografiia 7 no.1:630-631 Ja-F '62

Rasheikina, G.P. [Molecular scattering of light in gases] Molekuliarnoe rasseianie sveta v gazakh. [Kiev] Izd-vo Kievskogo univ., 1962. 37 p.

RAMENSKOYE REGION—STOCK AND STOCKBREEDING—FINANCE
Our reply to the party's and government's concern. I.B. Bocharin. Uchet i fin.v kolkhoz.i sovkhoz. 19 no.7: 23-24 Jl '62.

RAMS
Preservation and use of hull and ram semen in a frozen state. I.B.Matskepiadze and others. Zhivotnovodstvo 22 no.2,17-78 F '60

RAMS—FEEDING AND FEEDS
Gha exchange in young French Merino rams under the conditions of substituting 25% nitrogen feed by carbamide. I.P.Omel'ianenko Visnyk sil'hosp nauky 5 no.8 114-116 Je '62

RANG-KUL' REGION—BIRDS
Abdusalimov, I.A. [Birds in the valley of Lake Rang-Kul' in the Pamirs] Ptitsy doliny ozera Rang-Kul' na Pamire. Dushanbe, Izd-vo Akad. nauk Tadzh. SSR, 1961. 150 p. (Akademiia nauk Tadzhikskoi SSR, Dushanbe, Institut zoologii i parazitologii. Trudy, vol. 21)

RANGANATHAN, SHIYALI RAMAMRITA, 1892-
On S.R.Ranganathan's seventieth birthday. E.I.Shamatin. Sov.bibl. no.5:97-100 '62.

RAPLA DISTRICT—FAMILY
Family rites of peasants in the Rapla District. L.Kh. Feoktistova. Trudy Inst.etn. 77:133-158 '62.

RAPLA DISTRICT—SOCIAL LIFE AND CUSTOMS
Family rites of peasants in the Rapla District. L.Kh. Feoktistova Trudy Inst.etn. 77:133-158 '62.

RARE EARTH METALS
Magnetic properties of manganese ferrites with additions of rare-earth metal oxides. Report no.1. [with summary in English]. I.N.Frantsevich, A.I.Gunchenko, L.N.Tul'chinskii. Poroshk.met 2 no.5:55-59 S-O '62.

Shvoi, I.V. [Basic geochemical problems of rare earth elements and yttrium i endogenic processes] Osnovnye voprosy geokhimii redkozemel'nykh elementov i ittriia v endogennykh protsessakh. Moskva, Gos. nauchn.-tekhn. izd-vo lit-ry, po geologii i okhrane nedr, 1962. 108 p. (Geologiia mestorozhdenii redkikh elementov, no.15)

RARE EARTHS
Group separation of rare earth elements by the countercurrent extraction method. G.V.Korpusov, I.V. Eskevich, E.P.Zhirov. Ekstr.; teor., prim., app. no.1:125-142 '62.
Separation of radioactive isotopes of the rare earth elements on a mercury cathode. Part 2: Separation of Ce and Pm from La; Eu from Ce and La. V.F. Shvedov, Fu I-bei [Fu I-pei]. Radiokhimiia 4 no.4: 457-461 '62.

RASPBERRIES—DISEASES AND PESTS see subdivision under Leningrad region

RATS see subdivision under Moscow, Tigrovaya Balka Preserve

RAVEL, MAURICE, 1875-1937
Krein, Iu.G. [Symphonic works of Maurice Ravel] Simfonicheskie proizvedeniia Morisa Ravelia. Moskva, Muzgiz, 1962. 223 p. (Biblioteka slushatelia konsertov)

RAYON
Blending of silk on bobbins of a finishing machine. A.M. Khlebnikov and others. Khim.volok. no.5:73 '62.
Nonwoven fabrics with a base of short viscose fibers. I.I.Tugov, O.S.Reutov Tekst.prom. 22 no.11 69-72 N '62
"Polynose" (cellulose hydrate) fibers. N.S.Nikolaeva, A.A.Konkin Khim.volok. no.5:5-15 '62.
Using "kateksol" as surface-active agent. L.E.Andreeva, E.IA.Zarina, E.K.Chekhol'skaia. Khim.volok. no.5:67-68 '62.

RAYON—TESTING
Effect of some parameters of the production technology of triacetate yarn on its physical and mechanical properties V.A.Usenko, F.M Gulfamova. Izv.vys uchab zav., tekh tekst prom no 5:55-62 '62

RAYON SPINNING
Experience in regulating the air conditioning system of spinning plants of viscose production. G.A.Malafeev. Khim.volok. no.5:75-78 '62.

READING
Teaching to read without slurring the sounds. I.Il'iukevich. Nar asv. no.10:32-43 O '62

READING (ELEMENTARY)
Efficient methods of teaching. V.Morgunova. Nar.obr. no.11 30-34 N '62.
Extracurricular reading as a means of the development of independence, initiative and creativeness in first-grade students. G.V.Diudina, L.K.Nazarova. Nach. shkola 30 no.11,69-72 N '62.

READING (ELEMENTARY)—AUDIO-VISUAL AIDS
Pinchuk, T.D. [Use of pictures for the formation of concepts during the explanatory reading lessons] Vykorystannia maliunka dlia formuvaniia poniat' na urokakh poiasniuval'noho chytannia. Kyiv, Radians'ka shkola, 1962. 53 p.

REALISM IN LITERATURE
Petrov, S.M. [Problems of realism in fiction] Problemy realizma v khudozhestvennoi literature. Moskva, Izd-vo Akad. pedagog. nauk RSFSR, 1962. 302 p. (Pedagogicheskaia biblioteka uchitelia)

REARRANGEMENTS (CHEMISTRY)
Diphenyl ethers. Part 3: Acyl rearrangement in the series of substituted diphenyl ethers. IU.S.TSizin, N.A.Preobrazhenskii. Zhur.ob khim. 32 no.10: 3290-3294 O '62.

RECKLINGHAUSEN'S DISEASE see Neurofibromatosis

RECLAMATION OF LAND see subdivision under Soviet Central Asia; Uzbekistan

RECORDING INSTRUMENTS
Device for automatic calculation of the operation of an excavator. A.M.Lisiutin. Gor.zhur. no.6,50-52 Je '62.

RECREATION
[The club as an organizer of leisure] Klub - organizator otdykha. Moskva, Sovetskaia Rossiia, 1962. 158 p. (Bibliotechka sel'skogo klubnogo rabotnika, no.9)

RECTUM—SURGERY
Single-stage abdominal-perineal extirpation of the rectum and resection of the sigmoid colon in polyposis. V.I.Karpukhin. Vest.khir. no.5:114-115 '62.
Surgical treatment of developmental defects in the anus and rectum. V.A Levenets. Zdrav.Tadzh. 8 no.4: 25-27 Jl-Ag '62.

RECTUM—WOUNDS AND INJURIES
Rare case of a lesion of the rectum with a wound of the organs of the abdominal cavity. F.B.Margulis. Zdrav. Tadzh. 8 no.4:43 Jl-Ag '62.

RED DEER see subdivision under Tigrovaya Balka Preserve

RED SPIDER
Nature of the immunity of cotton and other plants against infection by the spider mite Tetranychus telarius L. M.I.Kozobutskii. Vop.ekol. 4:38-40 '62.

RED SPIDER—EXTERMINATION
(see also subdivision under Fergana)
Testing preparations against the spider mite. I.L. Rusiashvili and others. Zashch.rast. ot vred.i bol. 7 no.5,38 My '62.

REDUCING (BODY-WEIGHT CONTROL) see Weight reducing preparations

REDUCTION, ELECTROLYTIC
Determination of the charge of a reacting particl the dependence of the electroreduction kinetics potential and concentration of a supporting elec A.N.Frumkin, O.A.Petrii. Dokl.AN SSSR 14 418-421 N '62.
Electroreduction of acetylene linkage. A P.Tom Usp.khim. 31 no.10:1217-1230 O '62.

REED (BOTANY) see subdivision under Danube R Dniester River

REED PRODUCTS
All-Union conference on the utilization of reed in national economy. Bum.prom. 37 no.10 inser O '62.

REFLECTING TELESCOPE see Telescope, Refle

REFLEXES
"Physiology and pathology of the motor and viscer reflexes." Collection No.3. Issued by the I.P. Society of Physiologists and the Perm Medical I Reviewed by G.A.Kolashnikov, L.B.Gubman T prak.fiz.kul't. 25 no.6:55 Je '62.

REFORMATORIES
Rehabilitation school P.Shpital'nik Nar.obr. 38-39 D '62.

REFRACTORIES INDUSTRY
(see also subdivision under Semiluki; Zaporozh'
The refractories industry prepares for the 45th an sary of the October Revolution. Ogneupory 27 1 485-488 '62.

REFRACTORIES INDUSTRY—EQUIPMENT AND SU PLIES
Development of the use of heat by the refractories industry. N.P.Gordeev, Z.M.Rutman, S.A.Shi Ogneupory 27 no.11:516-520 '62.
Improve the technological equipment of the refract Industry. P.B.Bernshtein. Ogneupory 27 no.1 520-524 '62.

REFRACTORIES INDUSTRY—LABOR PRODUCTIVI
Labor productivity at refractories enterprises. V. Nikulin. Ogneupory 27 no.11:514-516 '62.

REFRACTORY MATERIALS
Chrome-magnesite refractories manufactured from various kinds of Kimpersay chromite ores. P.N. Bahin, R.G.Prokhorova. Trudy Inst.met.i obog. Kazakh.SSR 5:148-158 '62.
Kartakin, L.L. [Petrography of refractory materi Petrografiia ogneuporov. Khar'kov, Metallurgizd 1962. 314 p.
Konovalov, P.F., B.V.Volkonskii, and A.P.Khashi skaia. [Atlas of the microstructures of cement cli refractories, and slags] Atlas mikrostruktur tsem nykh klinkerov, ogneuporov i shlakov. Pod red. N Toropova. Leningrad, Gos. izd-vo lit-ry po stroit. arkhit. i stroit. materialam, 1962. 204 p.
Lining of vacuum and open induction smelting furnac M.G.Trofimov. Lit.proizv. no.8:14-16 Ag '62.
Nikulin, V.M. [Reuse of refractory materials] Vtori noe ispol'zovanie ogneuporov. Moskva, Metallurgi 1962. 91 p.
Use of unfired magnesite-chromite refractories for laying of slag-pocket arches in open-hearth furnace A.I.Korolev, V.D.Koksharov. Stal' 22 no.11:99 1000 N '62.

REFRACTORY MATERIALS—DENSITY
Technology of manufacturing high density products fi oxides. O.M.Margulis. Met.i gornorud.prom. n 42-46 Mr-Ap '62.

REFRACTORY MATERIALS—EXHIBITIONS
At the Exhibition of Achievements of the National Economy. I.B.Zadzishek. Ogneupory 27 no.11: 512-513 '62.

REFRACTORY MATERIALS—RESEARCH
Contributions of science to the production of refracto materials. I.S.Kainarskii. Ogneupory 27 no.11: 494-498 '62.
Creative cooperation between workers in science and in production. D.N.Poluboiarinov, D.S.Rutman. Ogneupory 27 no.11:501-503 '62.
Institutes and enterprises. K.K.Strelov, P.S.Mamy Ogneupory 27 no.11:499-501 '62.
Science and production. A.K.Karklit. Ogneupory 2 no.11:489-493 '62.

REFRACTORY MATERIALS—TESTING
Experience of the Central factory laboratory. K.E. Kapran, K.S.Karmanova. Ogneupory 27 no.11:53 532 '62.

REFRIGERANTS
Badylke, I.S. [Working substances and processes of refrigerating] Rabochie veshchestva i protsessy kholodil'nykh mashin. [Leningrad] Gostorgizdat, 196 279 p.

REFRIGERATION AND REFRIGERATING MACHINERY

Badyl'kes, I. S. [Working substances and processes of refrigerating] Rabochie veshchestva i protsessy kholodil'nykh mashin [Leningrad] Gostorgizdat, 1962. 279 p.

Recent developments in foreign refrigeration machinery N. N. Ryndich Ryb khoz 38 no. 5 82-86 '62

Technical and economic bases for using solar refrigerators in Turkmenistan R. Batyrov, O. N. Popyleva, K. Taganov. Trudy fiz.-tekh. inst. AN Turk. SSR 8 67-74 '62.

TSapko, A. S. [Fish preservation by refrigeration] Konservirovanie ryby kholodom. [Arkhangel'sk] Arkhangel'skoe knizhnoe izd-vo, 1959. 97 p. [MICROFILM]

REFRIGERATION AND REFRIGERATING MACHINERY—ABSTRACTS

[Compressors and refrigeration engineering] Ref. zhur. Otd. vyp. 34 Komp. i khol. tekh. no. 23 D '62.

REFRIGERATORS

Modernized refrigerator. D. Zyasev Obshchestv. pit. no. 10, 33-34 O '62.

New refrigerators A. Karpov. Sov. torg 35 no. 7:63 Jl '62

REFUGEES—CONGRESSES

Soiuz bor'by za osvobozhdenie narodov Rossii, Munich, Germanskii otdel. [Materials of the Fifth Conference of the German Section of the Union for the Liberation of the Peoples of Russia, October 29-31, 1955] Materialy V-oi konferentsii Germanskogo otdela SBONR, 29-31 okt. 1955 g. Munich, 1955. 22 p. (NNC)

Soiuz bor'by za osvobozhdenie narodov Rossii, Munich. Severo-Amerikanskii otdel [Fifth Conference of the information report about the work of the Union for the Liberation of the Peoples of Russia, held June 11, 1960] Informatsionnoe soobshchenie o rabote 5-i konferentsii Severo-Amerikanskogo otdela SBONR, sostoiavsheisia 11-go iiuni 1960 g New York, 1960 11, 3 p. (NNC)

REFUGEES—POLITICAL ACTIVITIES

[The sun and toads] Solntse i zhaby. [n. p.,] Kom-t za vozvrashchenie na Rodinu i razvitie kul'turnykh sviazei s sootechestvennikami, 1962. 56 p.

REFUGEES, UKRAINIAN—POLITICAL ACTIVITIES

Mel'nychuk, IU. S. [With the language of the heart, articles, pamphlets, humoresques] Movoiu sertsia; statti, pamfleity, humoresky. Kyiv, Derzhlitvydav Ukrainy, 1962. 339 p.

REFUSE AND REFUSE DISPOSAL see subdivision under Dnepropetrovsk

REGENERATION (BIOLOGY)

Effect of cortisone and hydrocortisone on the regeneration of the optic cornea. A. N. Medvedev, A. IU. IUshpov Trudy Turk. nauch.-issl. trakh. inst. 6:139-144 '60.

Role of hypo- and hyperfunction of the thyroid gland in the regeneration of divided sciatic nerve in the rabbit (with summary in English). N. P. Krylov, V. A. Odinokova, S. V. Sholokhov. Probl. endok. i gorm. 8 no. 4: 39-46 Jl-Ag '62.

Variation in nucleic acid content during the healing of an injured myocardium. M. P. IAvich. Dokl. AN SSSR 147 no. 1:250-251 N '62.

Variation in the basophily of an injured myocardium in animals treated with ribonucleic acid and pyrogenal. L. V. Akhabadze. Dokl. AN SSSR 146 no. 4:913-915 O '62.

Variation in the nucleic acid content of the extremities of axolotls following X-irradiation and the restoration of their regenerative ability. N. A. Teplits. Dokl. AN SSSR 147 no. 1:244-247 N '62.

REGENERATION (BOTANY)

Regeneration capacity of improved tea varieties [with summary in English]. V. V. Kutubidze. Subtrop. kul't no. 2 69-74 '62.

Root activity and the regeneration capacity of tea roots [with summary in English]. Ch. A. Muraferov Subtrop. kul't no. 3:75-80 '62.

REGULATION see subdivision under Dnieper River

REGULATORS see Voltage regulators

REHABILITATION

Significance of work arrangements for patients in a dispensary serving a rural population. I. G. Zinzin. Sov. med. 26 no. 10:144-145 O '62.

REHABILITATION OF CRIMINALS

A conference on the legal problems relating to the detention and rehabilitation of prisoners. N. V., A. L. Izv. vys. ucheb. zav.; prav. 5 no. 3:184-186 '62.

Domakhin, S. A., and V. G. Stepanov. [In custody of workers] Obshchestvennoe poruchitel'stvo. Moskva, Gosiurizdat, 1962. 99 p.

REINDEER

(see also subdivision under Dudinka District)

Deer are better. IUn. nat. no. 10:5-7 O '62.

REINFORCED CONCRETE

Akademiia stroitel'stva i arkhitektury SSSR. Institut betona i zhelezobetona, Perovo. [Instructions for the design of reinforced concrete smokestacks] Instruktsiia po proektirovaniiu zhelezobetonnykh dymovykh trub. Moskva, Gosstroiizdat, 1962. 131 p.

The problem of the durability of reinforced concrete elements of foundry building V. F. Rinbchick, I. F. Tsipenluk, D. N. Vakhidov Prom. stroi 40 no. 9 40-44 '62

REINFORCED CONCRETE—TESTING

Determining the velocity of ultrasonics in reinforced concrete IU. Urzhumtsev. Izv. AN Latv. SSR no. 1 63-66 '62.

REINFORCED CONCRETE CONSTRUCTION

(see also subdivision under Italy)

Concreting wire-mesh reinforced supports for electric transmission lines on long stands I. Cherkasskii, M. Nevlev Stroi. i arkhit. 10 no. 10 24-26 O '62

Denisov, N. M. [Reinforced-concrete supports and their use in Kuznetsk Basin mines] Zhelezobetonnaia krep' i ee primenenie na shakhtakh Kuzbassa [Kemerovo] Kemerovskoe knizhnoe izd-vo, 1959. 177 p. [MICROFILM]

REINFORCED CONCRETE CONSTRUCTION—CORROSION

Russia (1923- U.S.S.R.) Gosudarstvennyi komitet po delam stroitel'stva. [Provisional instructions on the anticorrosive protection of steel insertion parts and welded joints in large-panel buildings (SN 206-62)] Vremennye ukazaniia po antikorrozionnoi zashchite stal'nykh zakladnykh detalei i svarnykh soedinenii v krupnopanel'nykh zdaniiakh (SN 206-62). Moskva, Gosstroiizdat, 1962. 26 p.

REINFORCEMENT IN CONCRETE see Concrete reinforcement

REKEMCHUK, ALEKSANDR EVSEEVICH, 1927-

"Young and green", a tale by A. Rekemchuk. Reviewed by Liudmila Ivanova Oktiabr' 38 no. 6, 213-215 Je '62

RELIEF MAPS see subdivision under Elbrus, Mount

RELIGION

(see also subdivision under Turkmen)

Facts reveal. Nauka i rel 4 no. 10:36 O '62

"The hunting of souls" by M. Barykin. Reviewed by A. Vlatskii. Nauka i rel 4 no. 10:93-94 O '62

Immunity against poison S. Melamed. Nauka i rel. 4 no. 10:46-49 O '62.

Questions and answers. Nauka i rel. 4 no. 10:96 O '62.

Why there are still believers in the U. S. S. R. P. Kolonitskii Sov. profsoiuzy 18 no. 21:37-39 N '62

RELIGION—BIBLIOGRAPHY see Bibliography—Religion

RELIGION—CONTROVERSIAL LITERATURE

Fedin, IU. A. [Contemporary attempts to revive religion] O sovremennykh popytkakh obnovleniia religii. Moskva, Gospolitizdat, 1962. 70 p.

"How to study the theme "Scientific and religious ideology." P. Protasenia. Komm. Bel. 38 no. 10:64-69 O '62.

RELIGION—PHILOSOPHY

Basic principles of the "philosophy of the Orthodox Church" and their critical evaluation in the works of Russian revolutionary democrats in the 1860's. V. A. Gorlinskii. Nauch. dokl. vys. shkoly; filos. nauki 5 no. 5:115-124 '62.

RELIGION AND ASTRONAUTICS

Five years after storming the universe. Nauka i rel 4 no. 10:5-7 O '62.

The space program of a great scholar. A. Ursul. Nauka i rel. 4 no. 10:12-16 O '62.

RELIGION AND ASTRONOMY

Behind the mask of scholarship. O. Antonova, G. Barsukova. Nauka i rel 4 no. 10:15-19 O '62.

RELIGION AND COMMUNISM see Communism and religion

RELIGION AND SCIENCE

Frantsev, IU. P., ed. [Talks on religion and knowledge; popular manual. Science of the earth, sky and man. Origin of religion and its role in society. Religion and Soviet reality] Besedy o religii i znanii; populiarnyi uchebnik. Nauka o zemle, nebe i cheloveke. Vozniknovenie religii i ee rol' v obshchestve. Religiia i sovetskaia deistvitel'nost'. Moskva, Gospolitizdat, 1962. 317 p.

"How to study the theme "Scientific and religious ideology." P. Protasenia. Komm. Bel. 38 no. 10:64-69 O '62.

Scientific and religious world outlook Nauka i rel 4 no. 10 74-83 '62

REMOTE CONTROL

Alternate-message frequency code and its realization. F. A. Katkov, V. A. Stulov Izv. vys. ucheb. zav., energ 5 no. 10 22-32 O '62

Automatic and remote control of the Kuygan-Yar hydraulic installation I. A. Samoilov Gidr. i mel 14 no. 10 16-22 O '62

Circuit for conveyor stopping by means of control push buttons mounted on the cutter loader. A. A. Moskalets, P. A. Mikhailenko Ugol' prom no. 5 66-69 S-O '62

Comparative complexity of the mechanical reproduction of various numbers N. A. Filippov Izv. AN Kir. SSR Ser. est. i tekh. nauk 3 no. 6 75-81 '61

Measurement of coercive force in ferrite cores with rectangular hysteresis loops V. I. Korotchenko, Izv. AN Kir. SSR Ser. est. i tekh. nauk 3 no. 5 59-69 '61

Receiving circuit for a polar code on ferrites with rectangular hysteresis loops P. I. Pushkarev Izv. AN Kir. SSR Ser. est. i tekh. nauk 3 no. 6 71-73 '61

Remote control. V. Nadin. Voen. znan. 38 no. 11:25-26 N '62.

Remote control and remote signaling apparatus for mine ventilation systems N. P. Pavliuk and others. Ugol' prom no. 5 64-66 S-O '62.

Remote control of a gas dynamic test stand. Energomashinostroenie 8 no. 10:40 O '62.

Remote control of cutter loaders in the mining of coal beds, made hazardous by coal and gas outbursts Ugol' prom. no. 5:69-70 S-O '62

Use of remote control systems in motion-picture filming. I. N. Kiselev, G. Nikulin, IA. Butovskii, Tekh. kino i telev. 6 no. 11:95 N '62.

REMOTE CONTROL—EQUIPMENT AND SUPPLIES

Net work of a start-initiating unit for long-distance signaling devices. V. B. Gerasimov Trudy NPI 124 19-22 '62.

A remote control device for industrial use with phase and qualitative method for selection. V. P. Sabadashev, V. B. Gerasimov, D. N. Zhmurin. Trudy NPI 124:53-60 '62

The UT-TS variable quality coding device with few contactors and incomplete combination elements. V. V. Obraztsov. Trudy NPI 124:61-67 '62.

Use of intercoupled relay distributors with line metering relays in remote control devices. D. N. Zhmurin. Trudy NPI 124 23-30 '62.

RENAL INSUFFICIENCY

Crush syndrome and its treatment by the method of hemodialysis using the "artificial kidney" apparatus V. A. Agranenko, V. V. Vorozhishchev. Vest. khir. no 5:03-08 '62.

RENT (ECONOMIC THEORY)

Differential land rent in a socialist society. Vop. ekon. no. 10:103-134 O '62.

The origin and distribution of differential land rent under socialism. IA. Chaban. Komm. Mold. 7 no. 7:43-52 Jl '62.

Problems of differential land rent on collective farms. A. Bolgov. Vop. ekon. no. 10 87-102 O '62.

REPATRIATION

"People and animals." Alena Vasilevich. Rab. i sial. 38 no. 11:18-19 N '62.

REPORTERS AND REPORTING

Monakhova, M. M., and V. P. Chernyshev. [For you, young reporter] Tebe, iunyi korrespondent. [Moskva] Izd-vo "Molodaia gvardiia," 1962. 350 p.

REPRODUCTION

Probability of gynogenesis in the arrow-toothed halibut (Atheresies stomias Jord. et Gilb.) in the Bering Sea. N. P. Novikov. Dokl. AN SSSR 147 no. 1:215-217 N '62

REPTILES

Gerasimov, V. P. [Fishes, amphibians, reptiles and their study in school; a textbook for teachers] Ryby, zemnovodnye, presmykaiushchiesia i izuchenie ikh v shkole; posobie dlia uchitelia. Moskva, Uchpedgiz, 1962. 225 p.

RERBERG, IVAN IVANOVICH, 1869-1932

I. I Rerberg, 1869-1932. Stroi. i arkhit. 10 no. 10:36 O '62.

RESEARCH

(see also subdivision under Finland; Poland; *Siberia; United States; Yakutia*)

IAtsiuk, A. I. [Science which serves the people, and science which is a servant of monopolies] Nauka shcho sluzhyt' narodovi, i nauka - prysluzhnyisia monopolii. L'viv, Knizhkovo-zhurnal'ne vyd-vo, 1962. 43 p. (Na dopomohu propagandystam i agitatoram)

Research work of economics students. N. G. Bazhal, D. S. Bidenko. Uchet i fin. v kolkhoz. i sovkhoz. 19 no. 7:48-49 Jl '62.

RESEARCH, INDUSTRIAL
(see also subdivision under Armenia; Leningrad, Lvov)

Introduction of completed research work into light industry. N.A Timokhin, V.V.Klichevskaia. Biul. tekh -ekon. inform. Gos.nauch -issl. inst. nauch.i tekh inform., no.11 22-23 '62

On research. M I Lavin. Sred.spets obr 9 no.10 58 O '62

RESERPINE
Action on the body of a large dose of reserpine taken one time. L.B. Mardna, R.V Etshtein Vrach.delo no.8 133-134 Ag '62

Effect of reserpine on bile secretion [with summary in English]. R.V. Rudyi Farm i toks 24 no 5 730-732 S-O '61

Preoperative treatment of patients with mitral stenosis with reserpine and its effect on the arterial pressure during anesthesia[with summary in English] I S Golubev S M Zol'nikov, V A Hovanev Khirurgiia no 1 50-57 '62

Treatment of climacteric neuroses with reserpine and hypothiazide. A.V Legnichii Akush.i gin. no 1:23-24 '62

Treatment of hypertension with reserpine in combination with hypothiazide. I.N.Bronc.eta. Zdrav.Bel. 8 no.7 25-27 Jl '62.

RESERPINE—TOXICOLOGY
Potentiation with phenamine and the prevention of reserpine intoxication with aminazine in rats [with summary in English] L.V Markova. Biul.eksp.biol i med. 54 no 7 49-51 Jl '62.

RESERVOIRS
Akademiia nauk URSR, Kiev. Rada po vyvchennju produktyvnykh sy[illegible] [Changes in the banks of reservoirs] Pererabotka beregov vodokhranilishch Kiev, Izd-vo Akad nauk USSR, 1962 140 p

Effect of valley reservoirs on areas adjacent to the forebay and the afterbay. S A Vladychenskii Vest Mosk un-t. Ser.6 Biol.,pochv 17 no 5:52-64 S-O '62.

Features of water intakes of reservoirs. N.M. Bochkov. Trudy Gidrav.lab.VODGEO no.8 128-139 '62.

Water reservoir as a biotope. B.B.Mel'nikov. Vop. ikht. 4.53-55 '62.

RESHETOV, ALEKSANDR EFIMOVICH, 1909-
"Grove", verse by Aleksandr Reshetov. Reviewed by Igor' Ur'ev. Oktiabr' 39 no.6,217 Je '62

RESINS, SYNTHETIC
Experimental shop for treating asbestos-cement pipes with thermosetting resins V.S Loginov, V V Tarkhanov, E A Kashkovskaia Stroi truboprov 7 no 9 24-25 S '62

Using melamine-formaldehyde resins in the production of building materials A E Zarubitskii Stroi mat 8 no 10 3 of cover O '62

RESISTANCE TO FUNGICIDES
Adaptability of the pathogen of apple scab to fungicides N.I. Golyshin Zashch rast ot vred i bol 7 no 7 [illegible] Jl '62

RESISTANCE TO INSECTICIDES
"Resistance of arthropods to insecticides" Reviewed by N B. Ilinskaia Ent oboz. 41 no.2 481-482 '62.

RESPIRATION
Change in the type of respiration as a means of the adaptation of homoiothermic animals to the temperature of the environment S.P.Maslov. Vop ekol. 4:51-53 '62.

Changes in gas exchange in rats after the intra-abdominal administration of cysteine and cysteamine [with summary in English]. A Vacek. Med.rad 7 no 7. 57-62 Jl '62.

Comparative effectiveness of respiration through the mouth and nose in muscular activity. V.V. Mikailov. Teor.i prak.fiz.kul't. 25 no.8:23-27 Ag '62.

Dependence of sports achievements on respiration and blood circulation. A.P Borisov. Teor.i prak.fiz. kul't. 25 no.6 27-30 Je '62.

Effect of a somatotropic hormone of the hypophysis on gas exchange in rats of different ages in the recovery period after hypothermia [with summary in English]. N.A. Istchenko. Probl.endok.i gorm. 8 no.4 29-34 Jl-Ag '62.

Effect of synthophylline on Cheyne-Stokes respiration in circulatory insufficiency. G.O Badalian. Trudy Erev. med. inst. no.11:251-255 '60

Electrical activity of the respiratory muscles in man during different humoral influences on the respiratory center [with summary in English]. A.M. Kulik. Biul. eksp.biol.i med. 54 no.7:3-6 Jl '62.

Gas exchange and energy losses in patients operated on under potentiated anesthesia [with summary in English]. P.N. Makushkin, E.B. Versilova. Vest khir 87 no.11:56-101 N '61.

Gas exchange in young French Merino rams under the conditions of substituting 25% nitrogen feed by carbamide I.P Omel'ianenko. Visnyk sil'hosp nauky 5 no 6:114-116 Je '62

Methods of studying gas exchange in poultry. V.V.Khaskin. Nauk.pratsi Ukr. nauk.-dosl. inst.ptakh. 9 no.1: 123-136 '61.

RESPIRATORS
Artificial respiration apparatus for newborn infants [with summary in English]. N.G.Guliuk. Vop.okh.mat.i det. 7 no.7 51-54 Jl '62.

RESPIRATORY ORGANS—DISEASES
Continuity in the treatment of children with chronic nonspecific diseases of the respiratory organs [with summary in English]. L.V.Chistova Vop.okh.mat.i det. 7 no.7:69-72 Jl '62

How to prevent respiratory diseases in industry. N Sadkovskaia Okhr truda i sots.strakh. 5 no.10 23 O '62.

Indications for tracheotomy in respiratory disorders as a consequence of poliomyelitis [with summary in English] V.P Doroshchuk Zhur ush., nos, i gorl. bol 22 no 2 28-32 Mr-Ap '62

Influenza and acute respiratory diseases of adenovirus etiology in adults [with summary in English]. E.S. Ketiladze and others Sov. med. 26 no.6:92-99 Je '62.

"Occupational diseases of the upper respiratory tract and the organ of hearing" by G S Trambitskii and A E Tamarina Reviewed by N.F. Pitenko Zhur ush., nos i gorl bol 22 no.2 88-90 Mr-Ap '62

Stenosis of the respiratory tracts in uremia and the possible errors in diagnosing it B.A Fainshtein, N L Naimagon. Zhur ush., nos, i gorl bol. 21 no 6:69 N-D '61.

RESPIRATORY ORGANS—INSECTS
Materials on the developmental ecology of bloodsucking mosquitoes. Report No.7 Anal gills of mosquito larvae of the Culiseta group (Diptera, Culicidae) [with summary in English]. A V Maslov. Zool zhur 41 no.8 1425-1428 S '62.

RESPIRATORY ORGANS—WOUNDS AND INJURIES
Thermal burns of the respiratory tract. D.D. Chirvina, N.I. Fedorov. Vest.khir. no 6:48-50 '62.

RESTAURANT MANAGEMENT
The role of the foreman in production. Obshchestv. pit. no.10 13-15 O '62

What is the trouble, and who is responsible? M. Epshtein. Obshchestv.pit no.10:28-32 O '62

RESTAURANTS, LUNCHROOMS, ETC.
(see also subdivision under Chukchi Peninsula, Kiev, Kuybyshevo, Crimea; Minsk, Mordovia, Orel; Perm)

Letters to the editor. Obshchestv.pit. no.10 44-45 O '62.

RESTAURANTS, LUNCHROOMS, ETC.—ACCOUNTING
see subdivision under Rovno

RESTAURANTS, LUNCHROOMS, ETC.—EMPLOYEES
Cultivate the communist approach to work. Obshchestv. pit no.10 1-2 O '62.

RESTAURANTS, LUNCHROOMS, ETC.—EQUIPMENT AND SUPPLIES see subdivision under Lvov; United States

RESTAURANTS, LUNCHROOMS, ETC.—STATISTICS
Several results of the 1949 trade census. V.G Kriazhev. Vop. stat. i ucheta no 5:174-191 '61

RESUSCITATION
Restoration of vital functions in a state of clinical death caused by mechanical asphyxia, experimental study. Report No. 2. G.P. Prozorovskaia. Sud.-med. ekspert 5 no.4:18-23 O-D '62.

Role of pharmacological preparations in restoring cardiac function following prolonged anemia and cardiac arrest. Iu.M Gal'perin. Farm.i toks. 24 no.6 744-748 N-D '61.

With our colleagues, notes of an observer. Nauka i zhizn' 29 no.5 80-81 My '62.

RETAIL TRADE
(see also subdivision under Latin; Shakhty)

Drive for a well organized retail Iu. Alin. Sov potreb koop. 6 no 7,43 Jl '62

[Trade abroad; organization, new methods, and equipment of trade and public food service] Torg. za rub.; org., nov. metody, tekh. torg. i mass. pit. no.11 '62.

RETAIL TRADE—AUDITING AND INSPECTION
(see also subdivision under Belgorod)

Let's establish constant control over material values. Sov. torg. 35 no 7,1-2 Jl '62

Methods for the current control of trade operations in retail stores. G.Myshakina. Bukhg.uchet 19 no.10: 30-33 O '62.

One step closer to the public self-government. P. Chubarov. Sov.torg. 35 no.7:27-31 Jl '62.

RETAIL TRADE—INVENTORIES
Let's study the inventory. N. Lupet. Sov.potreb.koop. 6 no.7:61-63 Jl '62.

RETAIL TRADE—QUALITY CONTROL
Improving quality control. A. Turov. Sov.torg. 35 no 7:24-26 Jl '62.

RETAIL TRADE—STATISTICS
Several results of the 1949 trade census. V.G. Kriazhev. Vop stat. i ucheta no. 5:174-191 '61.

RETICULO-ENDOTHELIAL SYSTEM
Effect of the purulent synovitis on the absorptive function of the reticulo-endothelial system in sheep [in Armenian with summary in Russian]. Uch. zap. sel'khoz nauki Arm. SSR 4 no.10 53-55 '61.

Reactivity of the RES elements of white mice during intraperitoneal infection with exanthematous typhus E.A Shternfeld. Trudy TashNIIVS 6:175-181 '61

Some protective and restorative reactions of the body in radiation sickness N.K. Sviridov, E.G. Portnova Med. rad. 7 no.7 89-90 Jl '62.

RETINA—BLOOD SUPPLY
Normal indexes of the caliber of the retinal blood vessels and of the diastolic pressure in the central retinal artery in practically healthy subjects [with summary in English]. E.S. Kotova. Vest.oft. no.1:78-83 '62.

RETINA—DISEASES
Rheumatic vasculitis of the retina [with summary in English]. T.M. Chernisova. Vest.oft. no.1:64-67 '62.

RETINA—WOUNDS AND INJURIES
Congenital falciform retinal detachment. Iu.I Bogdanovich, G.S. Painmarchuk. Vest.oft. no.1 68-70 '62

RETINAL
Chemistry of unsaturated ethers. Part 14: New method of preparing retinene (aldehyde of vitamin A). S.M. Makin Zhur.ob.khim. 32 no.10:3159-3161 O '62

RETROPERITONEAL SPACE
Perforation of ulcer of the duodenum into the retroperitoneal space. T.S Kirillova. Klin.khirurgiia no 12 114-115 '61

REVO, MIKHAIL VASIL'EVICH, 1899-1962
In memory of Mikhail Vasil'evich Revo. Vestnik sil'skokhoz. nauky 5 no 5 121 My '62

REVOLUTIONARY POETRY, GERMAN
"Poetry of the German Revolution of 1848" by T.S. Sikorskaia. Reviewed by S. Turaev. Vop. lit. 6 no. 8: 222-225 Ag '62.

REVOLUTIONS see subdivision under Latin America

REWARDS (PRIZES, ETC.)
(see also subdivision under Greece)

Decree of the Presidium of the Supreme Soviet of the U.S.S.R. on awarding orders and medals of the U.S.S.R. to the workers of the T.D. Lysenko All-Union Institute of Breeding and Genetics. Agrobiologiia no.5:769-770 S-O '62

Decree of the Presidium of the Supreme Soviet of the U.S.S.R. on awarding the Lenin Order to the T.D Lysenko All-Union Institute of Breeding and Genetics Agrobiologiia no.5:769 S-O '62.

Rh FACTOR
Production and use of specific precipitating animal serum for detecting Rh antibodies in human blood. R.M. Puzovskaia. Probl. gemat. i perel. krovi no.11 38-41 '62.

RHENIUM
(see also subdivision under Soviet Central Asia)

Analysis of gases in rhenium. E.M. Savitskii, G.E. Chupriyov, G.G. Glavin. Zav.lab. 28 no.6:657-659 '62.

RHENIUM—ANALYSIS
Determination of rhenium in ores with butylrhodamine B. I.A. Bilim, T.K. Dushina, Zav.lab. 28 no.6:693-695 '62.

Determination of rhenium with α-furyldioxime after the separation of molybdenum by the extraction with a chloroform solution of nitron. A.I. Lazarev and others. Zav.lab. 28 no.11,1316-1319 '62.

Ion exchange method for separating rhenium from molybdenum. D.S. Gabbasian, M.V. Dabbinina. Izv. AN Arm. SSR, Khim. nauki 15 no.4:321-328 '62.

RHENIUM—DECAY
Spectra of internal conversion electrons and positrons emitted in Re^{184} decay. B.S. Dzhelepov and others Izv. AN SSSR. Ser. fiz. 26 no.8:1030-1031 Ag '62.

RHENIUM—METALLURGY
Rhenium oxidation by atmospheric oxygen during the hydrometallurgical treatment of copper concentrates. K.B. Lebedev, T.Sh. Tinrokhodzhaeva. Trudy Inst. met. i obog. AN Kazakh. SSR 6:60-71 '62.

RHEUMATIC FEVER
Data on the use of immunological reactions in studying rheumatic psychoses [with summary in French]. O.A Makeev. Zhur. nevr. i psikh. 62 no. 6:903-909 '62.

"Diseases of the joints. Rheumatism. Avitaminosis" by B.P. Kushelevskii, M.A. Rabinovskii and S.M. Ryss. Reviewed by N.E. Kavetskii. Vrach. delo no.8:151-154 Ag '62.

Dynamics of the immunological indices in neural rheumatism with various methods of therapy [with summary in English]. E.T. Ilinusova. Sov. med. 26 no.10:92-98 O '62.

Rheumatic vasculitis of the retina [with summary in English]. T.M. Chernisova. Vest.oft. no.1:64-67 '62.

RHEUMATIC FEVER (Continued)
Some problems in the clinical aspects and treatment of rheumatic lesions of the peripheral nervous system [with summary in English]. A. A. Turetskite. Sov. med. 26 no. 7:92-97 Jl '62.
State of vascular permeability in rheumatism. G. L. Darbinian. Trudy Erev. med. inst. no. 11:205-209 '60.
Treatment of rheumatism in children with cortisone. G. A. Kirakosian. Trudy Erev. med. inst. no. 11 301-304 '60.

RHEUMATIC HEART DISEASE
Ballistocardiographic changes in rheumatic heart defects [with summary in English]. L. T. Mnatsakanian. Vrach. delo no. 8:63-69 Ag '62.
Functional capacity of the liver and kidneys in rheumatism. N. S. Lebedeva. Zdrav. Bel. 8 no. 7:31-34 Jl '62.
Gamma globulin in the blood serum in rheumatism. A. I. Pakhomova. Zdrav. Bel. 8 no. 7:40-42 Jl '62.
Liver function changes in rheumatic patients during prednisone and ACTH therapy. I. I. Goncharik. Zdrav. Bel. 8 no. 2:17-21 F '62.
Some changes in hemodynamics and the cardiogram in rheumatism treated with ACTH and corticosteroids. M. K. Gordon. Zdrav. Bel. 8 no. 7:38-40 Jl '62.

RHEUMATISM
"Cortisone therapy" [translated from the English] by John Harry Howard Glyn. Reviewed by V. B. Zairat'iants. Probl. endok. i gorm. 8 no. 4:126-127 Jl-Ag '62.

RHINOSCLEROMA
(see also subdivision under Minsk)
Action of colimycin and mycerin in experimental scleromatous infection [with summary in English]. N. A. Izrailit', A. P. Krasil'nikov. Zhur. mikh., nos. i gel. bol. 21 no. 6 48-55 N-D '61.

RHODAMINE
Determination of rhenium in ores with butylrhodamine B. I. A. Blium, T. K. Dushina. Zav. lab. 28 no. 8:903-906 '62.
Extraction-photometric determination of tantalum with butylrhodamine B and rhodamine 6G. N. N. Pavlova, I. A. Blium. Zav. lab. 28 no. 11:1305-1311 '62.

RHODESIA, NORTHERN—POLITICS AND GOVERNMENT
Northern Rhodesia before the elections. Iu. Aizman. Nov. vrem. 28 no. 39:30 S '62.

RHUBARB
Study of the catechins of the mountain rhubarb [with summary in English]. T. K. Chumbalov, L. T. Pashinina. Biokhimiia 27 no. 4:651-655 Jl-Ag '62.

RICE
(see also subdivision under Skadovsk District, Syr-Darya Valley)
Kirichenko, K. S. [Rice in the U. S. S. R.; one-hundred million pouds of rice] Ris v SSSR; 100 millionov pudov risa. Moskva, Izd-vo "Znanie," 1962. 30 p. (Novoe v zhizni, nauke, tekhnike. V Serila: Sel'skoe khoziaistvo, no. 24)

RICKETS see subdivision under Vitebsk Province

RICKETTSIA
Further study of Rhipicephalus turanicus ticks as transmitters of Rickettsia burneti, an experimental study. F. Rizaeva. Trudy TashNIIVS 6:206-210 '61.
Resistance of Rickettsia burneti. V. A. Lysunkina. Trudy TashNIIVS 6:190-197 '61.
Survivability of R. burneti in the feces of Rhipicephalus turanicus ticks. F. Rizaeva. Trudy TashNIIVS 6:199-205 '61.

RIDDLES, UKRAINIAN
Akademiia nauk URSR, Kiev. Instytut mystetstvoznavstva, fol'kloru i etnografii. [Ukrainian folk literature, riddles] Ukrains'ka narodna tvorchist'; zahadky. Kyiv, Vyd-vo Akad. nauk URSR, 1962. 510 p.

RIFLE RANGES see subdivision under Rostov-on-Don

RIGA—BLOOD—EXAMINATION
Study of the population of Riga for the presence in the blood of antibodies to the ECHO group of viruses [with summary in English]. M. Indulens, I. Kanelis. Vop. virus. 7 no. 5:547-551 S-O '62.

RIGA—ELECTRIC MACHINERY INDUSTRY
The "Communist Youth League Searchlight." Part. zhizn' Kazakh. 32 no. 11:69-70 N '62.

RIGA—HISTORY
"The founding of Riga and the early history of Hanseatic merchants" [in German] by Friedrich Benninghoven. Reviewed by A. L. Khoroshkevich. Ist. SSR 6 no. 6:193-199 N-D '62.

RIGA—TELECOMMUNICATION—EMPLOYEES
Contest for the right to be called an "Enterprise of Communist Labor." E. M. Sulek. Vest. sviazi 22 no. 10:27-28 O '62.

RIGHT OF PROPERTY
The concept of property rights. V. A. Tarkhov. Izv. vys. ucheb. zav., prav. 6 no. 3:26-36 '62.

RISERS (FOUNDING)
Calculating risers for the feeding of shaped castings. N. G. Intinkov. Lit. proizv. no. 9:27-29 S '62.
Exothermic heating of mold risers for steel alloy ingots. L. G. Saksonov and others. Lit. proizv. no. 9:12 S '62.

RIVERS
Leading factors determining the distribution of fishes in rivers. P. A. Driagin. Vop. ekol. 4:25 '62.
Protection of lands along river banks from washout by grading the river banks to a stable slope. G. B. Rurua. Gidr. i mel. 14 no. 10:38-42 O '62.

RIVERS—REGULATION
(see also subdivision under Russia, Northern)
Altunin, S. T. [Regulation of river channels] Regulirovanie rusel. Izd. 2. Moskva, Sel'khozizdat, 1962. 351 p.

ROACH (FISH)
(see also subdivision under Caspian Sea, Volga River)
Development of the intestines of the roach Rutilus rutilus (L.). N. O. Lange. Vop. ikht. 2 no. 2:336-349 '62.

ROAD CONSTRUCTION—EQUIPMENT AND SUPPLIES
Precast reinforced concrete in road construction [with summary in English]. S. A. Vavilova. Trudy Inst. seism. stroi. i seism. 0:163-172 '61.

ROAD MACHINERY
Basic trends in the modernization of building and road machinery. A. V. Rumiantsev. Stroi. i dor. mash. 7 no. 10:3-4 O '62.
Equipment for taking up pavement. S. Sharbabchev, A. Shal'nov, T. Panasiuk. Stroi. truboprov. 7 no. 10 22-23 O '62.
Machines made of standardized units. A. A. Vasil'ev. Mekh. stroi. 19 no. 11:5-8, 3 of cover N '62.

ROAD MACHINERY—ABSTRACTS
[Manufacture of construction equipment and road machinery. Mining machinery] Ref. zhur. Otd. vyp. 43: Stroi. i dor. mashinostr. Gor. mash. no. 23 D '62.

ROAD MACHINERY—MAINTENANCE AND REPAIR
Automation of the technical servicing of building and road machines. B. S. Sinitsyn. Stroi. i dor. mash. 7 no. 10:10-12 O '62.

ROADS
Construction and exploitation of roads in pits of the Ufaley Plant. S. Z. Kurmashev. Gor. zhur. no. 8:18-19 Je '62.

ROADS—DESIGN
Planning the construction of roads. A. Shorin. Zhil.-kom. khoz. 12 no. 11:25 N '62.
Zamakhaev, M. S. [Decreasing longitudinal inclines on highway curves with small radius] Snizhenie prodol'nykh uklonov na krivykh malykh radiusov avtomobil'nykh dorog. Moskva, Avtotransizdat, 1962. 26 p.

ROADS—MAINTENANCE AND REPAIR
Considerations prompted by experience. S. Gerasimov. Zhil.-kom. khoz. 12 no. 11:25-26 N '62.

ROBBER FLIES see subdivision under Caucasus

ROCK DRILLS
Boring bit for the drilling out of coal. M. S. Grif. Ugol' Ukr. 6 no. 8:40-41 Ag '62.
Determining the optimum feeding forces of rock drills. G. M. Golovin, V. A. Padukov. Gor. zhur. no. 6:70-71 Je '62.
Drilling out of coal in the faces of development workings. V. N. Zhukovskii. Ugol' Ukr. 6 no. 8:28-31 Ag '62.
Use of low angular velocity drives in drilling very hard and abrasive rocks with a roller bit. V. D. Butkin. Gor. zhur. no. 6:35-37 Je '62.

ROCK PRESSURE see subdivision under Noril'sk region

ROCKETRY—ABSTRACTS
[Rocket engineering and space flight equipment] Ref. zhur. Otd. vyp. 41: Raket. tekh. i app. kosm. pol. no. 23 D '62.

ROCKETS (ORDNANCE)
Influence of meteorological conditions on the flight of a rocket. A. Bobrikov. Voen. vest. 42 no. 5:84-86 My '62.
Seconds, fractions of a second. V. Beliaev. Starsh.-serzh. no. 9:11 S '62.
They stand near a rocket. I. Udin. Voen. vest. 42 no. 5:14-16 My '62.

ROCKLING see subdivision under Black Sea

ROCKS—ANALYSIS
Recalculation of chemical compositions in minerals and rocks on the basis of crystallochemical data [with summary in English]. A. P. Egorov. Geokhimiia no. 9:778-793 '62.

ROCKS—CLASSIFICATION see subdivision under Krasnoyarsk region

ROCKS—ELASTIC PROPERTIES
Correlation of the dynamic and static moduli of elasticity of rocks. V. N. Nikitin. Razved. i prom. geofiz. no. 45 36-41 '62.

ROCKS—MAGNETIC PROPERTIES
(see also subdivision under Zeya-Bureya Plain)
Possibility of creating an alternating field method for determining the ferromagnetic composition of rocks. V. I. Bagin. Izv. AN SSSR. Ser. geofiz. no. 11:1622-1629 N '62.
Study of the magnetic characteristics of single-component specimens in relation to the concentration of ferromagnetic in thermomagnetization. S. Iu. Brodskaia. Izv. AN SSSR. Ser. geofiz. no. 11:1614-1621 N '62.

ROCKS—TESTING
Determination of strains in a massif of hard rocks by the unloading method. V. I. Borshch-Kompaneets, A. L. Il'in. Izv. vys. ucheb. zav., gor. zhur. 5 no. 10:53-56 '62.
Elastic properties and strength of quartz sandstone, diabase, and dolomite. Z. S. Mokhov. Sbor. trud. LIIZHT no. 174:201-216 '60.
Laboratory apparatus for determining the drillability of rocks. I. G. Melikidze, I. A. Khetsuriani. Razved. i okhr. nedr 28 no. 10:52-54 O '62.
Processing the results of determining the physical properties of rocks. V. I. Pavlovskii. Razved. i okhr. nedr 28 no. 10:57-61 O '62.
Study of the mechanical properties of rocks and regularities in their deformation under dynamic pressure. N. N. Pavlova. Izv. vys. ucheb. zav., gor. zhur. 5 no. 10:45-52 '62.

ROCKS, CARBONATE
Conference on problems of the use of carbonate aggregates. O. Vandolovs'kyi, V. Ladyzhens'kyi, D. Uginchus. Bud. mat. i konstr. 4 no. 5:62-64 S-O '62.

ROCKS, IGNEOUS see subdivision under Altai Mountains; Bulan-Kul' Lake region, Fergana; Ishim Valley, Norchugan Valley, Olekma Valley, Podkamennaya Tunguska Valley, Tien Shan

ROCKS, SEDIMENTARY
(see also subdivision under Caucasus, Northern, Kuban)
Botvinkina, L. N. [Bedding of sedimentary rocks] Sloistost' osadochnykh porod. Moskva, Izd-vo Akad. nauk SSSR, 1962. 541 p. (Akademiia nauk SSSR. Geologicheskii institut. Trudy, no. 59)
Significance of the volcanic process in the formation of sedimentary rocks. N. M. Strakhov. Sov. geol. 5 no. 9:8-23 S '62.

ROCKS, SEDIMENTARY—ANALYSIS
Logvinenko, N. V. [Principles of the methods for studying sedimentary rocks] Osnovy metodiki issledovaniia osadochnykh porod. Izd. 2., perer. i dop. Khar'kov, Izd-vo Khar'kovskogo univ., 1962. 205 p.

ROCKS, SEDIMENTARY—CLASSIFICATION see subdivision under Tashkent region

ROCKS, SEDIMENTARY—MAGNETIC PROPERTIES see subdivision under Fergana

RODENT CONTROL
(see also subdivision under Virgin Territory)
Rodent control. M. A. Fedchenko. Zhivotnovodstvo 23 no. 2:87-88 F '61.

RODENTIA see subdivision under Siberia; Tajikistan, Transcaucasia; Volga-Akhtuba Flood Plain

RODENTIA—DISEASES AND PESTS
Seasonal characteristics of the outbreak, development and disappearance of epizootics in rodent populations [with summary in English]. N. I. Kalabukhov. Zool. zhur. 41 no. 9:1281-1286 S '62.

RODENTIA—PARASITES see Parasites—Rodentia

RODENTS AS CARRIERS OF DISEASE see subdivision under Kuban Valley

ROLLE, JOSEPH ANTHONY, 1630-1894
J. A. Rolle and Iu. D. Tal'ko-Gryntsevich. V. D. Otamanovskii. Sov. zdrav. 21 no. 8:75-77 '62.

ROLLERS (EARTHWORK)
Small roller with electric drive. Stroitel' 8 no. 10: insert: 4 p. O '62.

ROLLING (METALWORK)
(see also subdivision under Ukraina)
Causes for the appearance of defects in helical-cross rolling of circular periodic shapes. L. I. Kazanskaia, M. G. Panfilov, V. I. Ippolitov. Stal' 22 no. 9:824-826 S '62.
Characteristics of the stress condition of low deformation areas during rolling. N. A. Chelyshev. Izv. vys. ucheb. zav., chern. met. 5 no. 10:96-101 '62.
Cold rolling of sheet steel with use of surface active metalworking lubricants. I. A. Chamin, I. K. Tokar', V. V. Zaitsev. Sbor. trud. TSNIICHM no. 28:7-23 '62.

Combining technological processes of sheet steel production in one continuous line A. I. Vitkin, V. A. Parumonov, S. B. Guseva. Sbor. trud. TSNIICHM no. 28 35-39 '62.

Effect of conditions of titanium heating on the indices of hot rolling. L. M. Pavlov, and others. TSvet. met. 35 no. 7 75-79 Jl '62.

"Hot sheet rolling on continuous and semicontinuous mills" by M. M. Saf'yan. Reviewed by V. V. Mel'tser and others. Stal' 22 no. 9 832-834 S '62.

Increasing the corrosion-resistance of bent shapes. V. A. Gamershteln. Met. i gornorud. prom. no. 2 76 Mr-Ap '62.

Investigating by the variation method the widening of the metal during hot rolling in plain grooves. Iu. S. Zykov, I. Ia. Tarnovskii, A. A. Puzdeev. Izv. vys. ucheb. zav.; chern. met. 5 no. 10 77-87 '62.

Recrystallization of low-carbon steel deoxidized by various amounts of aluminum. I. I. Bokov. [Sbor. trud.] Nauch.-issl. inst. met. no. 4 91-95 '61.

Tensile stresses in the deformation zone during rolling. A. A. Korolev. Izv. vys. ucheb. zav., chern. met. 5 no. 10, 52-56 '62.

Vacuum rolling of chemically active metals. V. E. Ivanov and others. TSvet. met. 35 no. 11:85-88 N '62.

ROLLING MILLS
(see also subdivision under Chelyabinsk)

Achievements of the rolling mill industry in the U. S. S. R. on the 45th anniversary of October. B. S. Shapiro. Stal' 22 no. 11 1010-1014 N '62.

Design of closed-top housings on thin-sheet mills. Iu. N. Ledenev. Izv. vys. ucheb. zav., chern. met. 5 no. 10, 172-179 '62.

Determining power parameters of a two-stand cold rolling mill and the effect of cold-rolling conditions on the strength properties of sheet steel. V. A. Palochkin, V. Kh. Faizullin, E. V. Shubin. Sbor. trud. TSNIICHM no. 28 62-73 '62.

The 450 continuous mills for rolling very thin-walled sectional shapes. V. I. Baikalov. Biul. tekh.-ekon. inform. Gos. nauch.-issl. inst. nauch. i tekh. inform. no. 11 18-19 '62.

Improved design of U. S. S. R. rolling and pipe mills. A. A. Korolev, V. V. Nosal'. Stal' 22 no. 11 1025-1034 N '62.

Operating line of the 1300 automatic blooming mill. K. N. Valugin, O. P. Sokolovskii. Biul. tekh.-ekon. inform. Gos. nauch.-issl. inst. nauch. i tekh. inform. no. 11 15-17 '62.

Output of blooming mills (from "Stahl and Eisen," no. 5, 1961). Met. i gornorud. prom. no. 2 86-87 Mr-Ap '62.

Russia (1923- U. S. S. R.) Gosudarstvennyi nauchno-tekhnicheskii komitet. [Rolling mills] Stany prokatnye. Moskva, TsINTImash, 1960. 137 p.

Semicontinuous 2800/1700 sheet mill for hot rolling. I. P. Pashchevskii. Met. i gornorud. prom. no. 2 37-39 Mr-Ap '62.

Theoretical basis for possible acceleration of rolling processes. A. I. TSelikov. Stal' 22 no. 11 1015-1020 N '62.

ROLLING MILLS—CATALOGS

Elektrostal'skii zavod tiazhelogo mashinostroeniia. [Shape mills, catalog and manual] Sortovye stany, katalog-spravochnik. Moskva, TsINTIMASH, 1962. 82 p.

ROLLING MILLS—CONGRESSES

Technological conference on the automatic control of blooming, slabbing, and universal mills. P. IA. Svichko, S. D. Grinberg. Met. i gornorud. prom. no. 2 78 Mr-Ap '62.

ROLLING MILLS—HEATING AND VENTILATION

Butakov, S. E. [Principles of the ventilation of hot metal-working plants] Osnovy ventiliatsii gorlachikh tsekhov. Sverdlovsk, Metallurgizdat, 1962. 286 p. *(MICROFILM)*

ROLLING MILLS—TECHNOLOGICAL INNOVATIONS

Guide arrow on a small shape mill. Met. i gornorud. prom. no. 2 76-77 Mr-Ap '62.

ROLLING MILLS—TESTING

Disk dynamometer for measuring forces in rolling mills. A. V. Bursin and others. [Sbor. trud.] Nauch.-issl. inst. met. no. 4 115-118 '61.

ROLLS (IRON MILLS)

Characteristics of rolls of a modernized design. D. D. Riabinin, V. D. Andreichuk. Kauch. i rez. 21 no. 8, 26-31 S '62.

Hard facing of iron mill rolls with a ribbon electrode. Iu. M. Bolov, N. P. Kashevskii. Avtom. svar. 15 no. 10 71-77 O '62.

Heat treatment of rolls for cold rolling. *N. S. Vokhomskii, P. V. Skliuev.* Metalloved. i term. obr. met. no. 8, 50-52 Ag '62.

Improving roll grooving for shaped sections. P. A. Aleksandrov, I. N. Filippov. Met. i gornorud. prom. no. 2 23-29 Mr-Ap '62.

Increasing the durability of rolls on the 400 automatic mill. N. E. Protskii, E. G. Pantushkina. Met. i gornorud. prom. no. 2 29-36 Mr-Ap '62.

Increasing the durability of steel rolls for strip mills. V. A. Sokolov, G. G. Levina. Stal' 22 no. 9 821-823 S '62.

Rolls on a semicontinuous hot rolling strip mill. V. K. Fridrikhsen, Z. N. Sokolova. Stal' 22 no. 9 817-821 S '62.

ROLLS (IRON MILLS)—TESTING

Use of torquemeters and built-in spot dynamometers for the testing of rolls. A. A. Presniakov. Trudy inst. met. i obog. AN Kazakh SSR 5:196-199 '62.

ROMAN ANTIQUITIES see subdivision under Nove, Bulgaria

ROMAN CATHOLIC CHURCH see Catholic Church

ROMAN LAW

"Roman private law" by V. K. Dronikov. Reviewed by O. Pavents'kyi, A. Pidopryhora. Rad. pravo no. 6 150-153 N-D '62.

ROME—CHRISTIANITY

New documents on the anti-Christian reaction in the Roman Empire of the fourth century A. D. L. A. El'nitskii. Sov. arkheol. 6 no. 1:228-233 '62.

ROME—HISTORY

How Ammianus Marcellinus' "History" reflected the crisis of the Roman Empire. V. D. Neronova. Uch. zap. Perm. gos. un. 20 no. 4, 71-100 '61.

The Roman Army in the first century B. C. S. L. Utchenko. Vest. drev. ist. no. 4, 30-47 '62.

ROOFING

Experience with a sheet of aluminum for the roof of industrial buildings. R. A. Chernlakhovskii, G. S. Rukhsov. Prom. stroi. 40 no. 6 25-27 '62.

"Roofing operations" by A. S. Kozlovskii. Reviewed by A. Birkengof. Sel' stroi. no. 6 30-31 Ag '62.

ROOFING, CONCRETE

Design and construction of industrial buildings with composite roofs. L. Zeigermeister, L. Sharinov. Prom. stroi. i inzh. soor. 4 no. 2 8-12 Mr-Ap '62.

Efficient roof for an industrial building. A. Simonov. Stroitel' 8 no. 10:8-9, 3 of cover O '62.

Precast reinforced concrete hipped roof. A. Stetsenko, IA. Rabinovich. Prom. stroi. i inzh. soor. 4 no. 2 13-15 Mr-Ap '62.

ROOFS, SHELL

Approximation method of calculating cylindrical shells. V. Berpalyi. Stroi i arkhit. 10 no. 10 29-30 O '62.

Calculation of sloping shells. V. Shevchenko. Stroi. i arkhit. 10 no. 10 31-33 O '62.

"Design of reinforced concrete axially symmetrical elements (shells)" by A. M. Ovechkina. Reviewed by V. M. Keldysh and others. Bet. i zhel.-bet. 8 no. 10:477-478 O '62.

Experimental study of models of reinforced concrete cupolas or shells. A. P. Filin, A. A. Samoilov. Sbor. trud. LIIZHT no. 174, 273-299 '60.

First thin-section three-dimensional roofs of precast reinforced concrete. A. L. Punin. Stroi. i arkhit. Len. 24 no. 10 32-33 O '62.

A practical method of making calculations for cylindrical shells. V. A. Kogan. Stroi. mekh. i rashch. soor. 4 no. 5:35-39 '62.

Thin-walled undulate roof shells for industrial buildings. *A. A. TSeitlin, IU. I. Beletskii.* Prom. stroi. 40 no. 8: 53-56 '62.

ROOFS, SUSPENSION

Static calculations for cable-suspended systems with two chords. E. N. Kuznetsov. Stroi. mekh. i rashch. soor. 4 no. 5:7-14 '62.

ROOT KNOT

A means against the root knot nematode. L. IU. Damanskaia. Zashch. rast. ot vred. i bol. 4 no. 6: 41 N-D '59.

ROOT KNOT—SOIL DISINFECTION

Steaming of soil in greenhouses to control the root knot nematode Meloidogyne marioni. *A. S. Popovich, A. N. Voitenko.* Zashch. rast. ot vred. i bol. 4 no. 6:34-35 N-D '59.

ROOTS (BOTANY)

Development of the tomato root system under various irrigation conditions [with summaries in English, German, and French] E. M. Gorbatenko. Vest. sel'khoz. nauki 7 no. 8:43-46 S '62.

Effect of ecologic conditions on the morphology of roots and the resistance of perennial plants to herbicides and agricultural measures. A. V. Voevodin. Biul. MOIP, Otd. biol. 67 no. 3:56-64 My-Je '62.

Effect of fertilizers on the formation of the root system of potatoes [with summary in English]. V. K. Mosin. Fiziol. rast. 9 no. 3:297-302 '62.

Effect of soil conditions and the age of roots on the anatomic and physiological characteristics of the active part of root systems in spruce (Picea excelsa) and birch (Betula pubescens). L. N. Zgurovskaia. Trudy Inst. lesa 1 drev. 59:136-163 '62.

Effect of the root systems of pine stands on the regeneration of young growth under the forest canopy and on cutovers in bags. A. I. Koshelkov. Trudy Inst. lesa i drev. 59:164-173 '62.

Factors determining the direction of growth and the succession of roots in woody plants. V. O. Kazarinov, P. A. Khurshudian. Izv. AN Arm. SSR, Biol. nauki 15 no. 8:9-20 S '62.

Root activity and the regeneration capacity of tea roots [with summary in English]. Ch. A. Murtazov. Subtrop. kul't. no. 2 75-80 '62.

Root systems of trees and shrubs in the western part of the Issyk-Kul' region. Izv. AN Kir. SSR Ser. biol. nauk 1 no. 3, 43-50 '62.

Specific role of roots in the above-ground growth of plants. P. I. Gupalo, P. S. Romanchuk. Dokl. AN SSSR 147 no. 2:493-495 N '62.

Structure, growth, and some functions of root systems in slow and fast growing young spruce (Picea excelsa L.) as affected by improvement cuttings. L. N. Zgurovskaia. Trudy Inst. lesa i drev. 53, 128-136 '62.

ROOTS (BOTANY)—DISEASES AND PESTS

Root form of corn smut. A. F. Kolesnikova. Zashch. rast. ot vred. i bol. 7 no. 7 29 Jl '62.

Sources of infection by the fungus Fomitopsis annosa [with summaries in English, German, and French] S. F. Negrutskii. Vest. sel'khoz. nauki 7 no. 9 101-103 S '62.

ROSES—VARIETIES see subdivision under Frunze

ROSHCHIN, VASILII PAVLOVICH, 1891-

Professor Vasilii Pavlovich Roshchin, Honored Scientist of the Kazakh S. S. R., on his 70th birthday. Vest. sel'khoz. nauki 7 no. 1:99 '62.

ROSTOV COUNTY—TRUCK FARMING

Early history of truck gardening in the Rostov County of the Yaroslavl Government in the late 18th and the early 19th century. V. A. Fedorov. Vest. Mosk. un. Ser. 9 Ist. 17 no. 6, 49-60 N-D '62.

ROSTOV-ON-DON—AGRICULTURAL MACHINERY INDUSTRY

Individual approach. E. Gaiduk. Agitator no. 24:14-15 D '62.

ROSTOV-ON-DON—DIPHTHERIA—PREVENTIVE INOCULATION

Study of the reactogenic properties and epidemiological effectiveness of the whooping cough-diphtheria vaccine in Rostov-on-Don [with summary in English] A. P. Marinova and others. Zhur. mikrobiol., epid. i immun. 32 no. 12:8-12 D '61.

ROSTOV-ON-DON—HEPATITIS, INFECTIOUS

Control of epidemic hepatitis (Botkin's disease) in tuberculosis institutions in Rostov-on-Don. T. I. Fadeeva. Zhur. mikrobiol., epid. i immun. 32 no. 12: 118 D '61.

ROSTOV-ON-DON—HOTELS, TAVERNS, ETC.

Hotels are built slowly in Rostov-on-Don. D. Il'dovich. Zhil.-kom. khoz. 12 no. 11:20 N '62.

ROSTOV-ON-DON—KARST

Landslides and karst. V. P. Anan'ev. Priroda 51 no. 11:118-119 N '62.

ROSTOV-ON-DON—LANDSLIDES

Landslides and karst. V. P. Anan'ev. Priroda 51 no. 11:118-119 N '62.

ROSTOV-ON-DON—MOTOR VEHICLES—SOCIETIES, ETC.

Voluntary management of business. A. Babyshev. Za rul. 20 no. 11 5-6 N '62.

ROSTOV-ON-DON—RIFLE RANGES

Urgent needs of Rostov riflemen. V. Poluektov. Voen. znan. 38 no. 11:27-28 N '62.

ROSTOV-ON-DON—WHOOPING COUGH—PREVENTIVE INOCULATION

Study of the reactogenic properties and epidemiological effectiveness of the whooping cough-diphtheria vaccine in Rostov-on-Don [with summary in English]. A. P. Marfenova and others. Zhur. mikrobiol., epid. i immun. 32 no. 12:8-12 D '61.

ROSTOV PROVINCE—AGRICULTURE—ACCOUNTING

Organization of practical training. L. M. Gaidukova. Uchet i fin. v kolkhoz. i sovkhoz. 19 no. 7:53-54 Jl '62.

ROSTOV PROVINCE—CANNING INDUSTRY

Expanding the assortment of the production. A. M. Savina. Kons. i ov. prom. 17 no. 11:12 N '62.

ROSTOV PROVINCE—COLLECTIVE FARMS

Problems in developing the subsidiary private economy of collective farmers. G. Shmelev. Nauch. dokl. vys. shkoly; ekon. nauki 5 no. 6:29-37 '62.

ROSTOV PROVINCE—EDUCATION, COOPERATIVE

Organization of practical training. L. M. Gaidukova. Uchet i fin. v kolkhoz. i sovkhoz. 19 no. 7:53-54 Jl '62.

ROSTOV PROVINCE—EURYGASTERS—EXTERMINATION

Calcium arsenite is toxic to the shield bug Eurygaster integriceps. V E Sharkova Zashch. rast ot vred i bol. 4 no 6 37-38 N-D '59

Practices in aerial spraying against the shield bug Eurygaster integriceps N G Smagina Zashch rast ot vred i bol 7 no 5 10 My '62

ROSTOV PROVINCE—POLITICS AND GOVERNMENT

How our local soviets supervise the voluntary organizations of workers B N. Gabrichidze. Sov gos i pravo 32 no 11:126-130 N '62

ROSTOV PROVINCE—SHEEP BREEDING

Recent developments in eliminating sterility in sheep, valuable experience of the Zimovniki stock raisers A. V. Tlupin. Zhivotnovodstvo 23 no 2 49-51 F '61.

ROSTOV PROVINCE—TELECOMMUNICATION

The telecommunication workers of Rostov Province should improve service to the public. I. G. Postnov. Vest. sviazi 22 no. 10 11-17 O '62.

ROTARY KILNS see Kilns, Rotary

ROTATING AMPLIFIERS

Experimental determination of the parameters of an amplidyne taking internal feedback into account. A. N. Mariuta. Sbor. trud. Inst. gor. dela AN URSR no. 12 177-184 '61.

Structural schematic and electronic model of a transverse-field amplidyne. V. P. Lomakin. Izv. vys. uchob. zav., elektromekh 5 no. 10:1097-1107 '62.

ROTATION OF CROPS

(see also subdivision under Lipetsk Province)

Soil, fertilizers, and crop yields. D. N Prianishnikov Shkola i proizv 6 no 5:5-7 My '62

What plant protectors must do in regard to low crop cultivation V N Shchegolev Zashch rast ot vred i bol 7 no 7 21-22 Jl '62

ROTATORIA see Rotifera

ROTIFERA

(see also subdivision under China)

Cyclomorphosis and feeding of planktonic Rotifera [with summary in English]. I A Erman Zool. zhur. 41 no 7:998-1003 Jl '62.

ROTMISTROV, VLADIMIR GRIGOR'EVICH, 1860-1941

Prominent experimenting scientist S K Chotanov Vest. sel'khoz. nauki 7 no 9 144-146 S '62

ROUSSEAU, JEAN JACQUES, 1712-1778

Jean Jacques Rousseau and Lev Tolstoi. V. A. Veikshan. Sov. pedag 26 no 6:101-111 Je '62.

ROVNO—RESTAURANT, LUNCHROOMS, ETC.—ACCOUNTING

I became convinced a balance ready on the first of the month is a reality. I. Zagurskii. Obshchestv. pit. no. 10:9-11 O '62.

ROVNO PROVINCE—WORLD WAR, 1939-1945—UNDERGROUND MOVEMENTS

Holographic newspapers of the guerrilla fighters of Rovno Province. P. IA. Loshchenko Ukr ist zhur 6 no. 4:122-125 Jl-Ag '62.

ROZHDESTVENO, SERYSHEVO DISTRICT—RURAL LIBRARIES

According to the calendar of agricultural work N Poltorak. Bibliotekar' no 11,15-17 N '62

RUBAKIN, NIKOLAI ALEKSANDROVICH, 1862-1946

N. A. Rubakin. I Perevorzev Nar obr no. 11:94-96 N '62.

RUBBER

Crystallization kinetics of rubber at low temperatures [with summary in English] M F. Bukhina. Vysokom soed 4 no 9 1394-1397 S '62

News of science and technology abroad. Kauch. i rez. 21 no. 9, 62-64 S '62.

Thermomechanical properties of crystallizing rubber vulcanizates [with summary in English]. M F Bukhina, B. M Goralik. Vysokom. soed. 4 no 9,1390-1393 S '62.

RUBBER—ELECTRIC PROPERTIES

Conductive rubbers in cable goods. N. P. Borozina and others. Kauch. i rez. 21 no 9, 21-26 S '62.

Effect of the testing conditions on the value of the elastic recovery of rubber compounds L. F. Gudkova, A. I. Lukomskaia, M. M. Reznikovskii. Kauch. i rez. 21 no. 9:17-21 S '62.

RUBBER—TESTING

Durometer for determining the hardness of rubber in international units. V. V. Ovchinnikov, G. M. Bartenev, R. K. Gol'tsova. Kauch. i rez. 21 no. 9:55-56 S '62.

Photometric method for evaluating textile materials of colored rubbers. V. N. Provorov and others. Kauch i rez 21 no. 9:57-58 S '62.

RUBBER, SYNTHETIC

Structure of butadiene-methylvinylpyridine crude rubber and of vulcanized rubbers based on it. L. G. Angert, A. I. Zenchenko, A. S. Kuz'minskii. Kauch. i rez. 21 no. 9:5-8 S '62.

Synthesis and vulcanization of methylethylsiloxane rubbers. S N Borisov, N. G. Sviridova, L. A. Averianova Kauch. i rez. 21 no. 9 1-4 S '62.

RUBBER COATINGS

Gadzhieva, R. G., and IU. E Sinitsyna. [Protective rubber coatings in the control of sea water corrosion] Rezinovye zashchitnye pokrytiia v bor'be s morskoi korrozitei Baku, Azerneshr, 1961. 68 p.

RUBBER GOODS see subdivision under Yaroslavl

RUBBER INDUSTRY see subdivision under Kursk

RUBBER INDUSTRY—EQUIPMENT AND SUPPLIES see subdivision under Moscow

RUBBER INDUSTRY—INFORMATION SERVICES

Organization of an exemplary scientific and technical information service is an urgent objective. V. A. Baranovich. Kauch i rez 21 no. 9 50-60 S '62

RUBBER RESEARCH

Public Research Institute at the "Krasnyi Bogatyr'" plant. IA G. Dvorkin. Kauch. i rez. 21 no. 9 49-50 S '62.

RUBBER TO METAL BONDING

Rubber adhesives for bonding aluminum to other construction materials. A S. Freidin, V. I. Ovsei. Kauch. i rez. 21 no 9 43-46 S '62.

Selection of the parameters of rubber-metal joints for drum mixers P. IA Skichko, D. P Pritykin Izv. vys. uchob. zav., gor. zhur. 5 no. 9 169-175 '62

RUBBERIZED FABRICS

Adhesive strength of rubber coatings on a textile carcass as dependent on the rate of casing in calenders V. G. Raevskii and others Kauch i rez. 21 no 9 6-12 S '62

RUBIDIUM

Flame photometric determination of rubidium and strontium. A D. Esikov, G. S. Beschastnova, G. N. IAkovlev. Biul. Kom. po opr. abs vozr. geol. form no. 5:76-81 '62

Possibility of the extractive separation of rubidium and potassium. B. D. Stepin, V. E. Plyushchev, IU. A. Ivanova Khim. prom. no 6, 404-408 Je '62

RUBINSHTEIN, BORIS BORISOVICH, 1902-1962

Boris Borisovich Rubinshtein, obituary. Zdrav Bel. 8 no 2 76 F '62

RUBINSHTEIN, NIKOLAI LEONIDOVICH, 1902-

The paths of my historical research. N L Rubinshtein. Ist. SSR 6 no. 6 88-114 N-D '62.

RUMANIA—BIBLIOGRAPHY

[New literature on Rumania] Nov. lit. po Rum. no. 7 '62.

RUMANIA—ECONOMIC CONDITIONS

The Rumanians are building a highly-developed socialist society. S. Parkhomchuk. Komm. Ukr. 38 no 10:52-61 O '62.

RUMANIA—EDUCATION

New trend in Rumanian schools D. Barbulescu Nar obr no. 12 105-108 D '62.

RUMANIA—FOREIGN ECONOMIC RELATIONS—ASIA, SOUTHEASTERN

Rumania meets Asia. Z. Mirskii Nov. vrem no. 48 10-11 N '62.

RUMANIA—LAW—SOURCES

"The Rumanian book of precepts, 1646" [in Rumanian]. Reviewed by B T. Gorianov. Ist. SSR 6 no. 6, 200-201 N-D '62.

RUMANIA—MEDICINE

Among the medical historians of Rumania. B. D. Petrov. Sov. zdrav. 21 no. 8, 94-96 '62.

RUMANIA—PUBLIC HEALTH

Public health is a problem of national importance. G. Beneinto. Zdrav Bel. 7 no. 11 64-65 N '61.

RUMANIA—RELATIONS (GENERAL) WITH THE UKRAINE

Ukrainian contacts with Rumania in the second half of the 19th century. M A. Iasio. Ukr. ist. zhur 6 no. 5: 114-117 S-O '62.

RUMANIA—RUSSIAN LITERATURE

Soviet literature in Rumania. Tatiana Nikolescu. Vop. lit. 6 no. 6:153-156 Ag '62.

RUMANIA—VIEWS

[Along the Oradea-Mangalia highway] Vdol' shosse Oradia-Mangalia. Predisl. Radu Kosashu. Bucharest, Izd-vo "Meridiany," 1962. 15 p. illus. (Goroda i peizazhi Rumynii)

RUMANIA—WORLD WAR, 1939-1945

"Birth of the new Rumania; the antifascist movement and the victory of people's democracy in Rumania, 1941-1945" by S. M. Parkhomchuk. Reviewed by M L. Semyriaha. Ukr. ist. zhur. 6 no. 4:138-139 Jl-Ag '62.

RUMEN

Effect of alternatively varied feeding on the physicochemical indices of the rumen contents and the synthesis of vitamin B_{12} in young cattle P D Pshenychnyi. D I Shevchenko Visnyk sil'hosp nauky 5 no 5 64-71 My '62

Effect of feed preparation on the course of processes in the rumen of ruminants, preliminary report. A P Krotkova, G. Goreev. Zhivotnovodstvo 23 no 2 77-78 F '61

The enzymes ribonuclease, adenosinetriphosphatase, pyrophosphatase, and aminophorase in the walls and the contents of the rumen of dairy cattle IA L Hermantuk Visnyk sil'hosp nauky 5 no 5 117-118 My '62

RUNOFF

(see also subdivision under Baltic Sea region, Don Valley, Nemunas River, Northern Dvina Valley)

Local and general means of predicting the summer and fall runoff of rivers in the northwestern U.S.S.R. M. I. Gurevich Trudy GGI no. 97 188-203 '62.

RURAL ELECTRIFICATION see subdivision under Ukraine, Volgograd Province

RURAL LIBRARIES

(see also subdivision under Gomel' District; Rozhdestveno, Seryshevo District, Ukraine)

Such people are everywhere. A Zubynin Bibliotekar' no 11 22-23 N '62

RURAL MEDICINE see Medicine, Rural

RURAL PLANNING

Basis for the size of rural settlements. G N Prozorovskii, A. V Vostokov Izv. ASIA no 3 86-91 '62

Determining the size of rural settlements for the purpose of drawing up a scheme of district planning and designs for the reconstruction of villages. IU. D. Okol'nichnikov, V. I. Lazarev. Izv. ASIA 4 no 1,38-46 '62.

Udachin, S. A., ed. [Planning land utilization] Zemleustroitel'noe proektirovanie. Izd. 4., perer. i dop. Moskva, Sel'khozizdat, 1962. 463 p.

RURAL SCHOOLS

(see also subdivision under Mugay)

"Public collective farm schools" by N Shtan'ko, P. Kolesnikov Reviewed by V. Protsenko. Nar. obr. no. 11 113-115 N '62

State farm and a school with longer hours. A. Filippov Nar obr no 12,59-61 D '62

RUSAKOV, IVAN GAVRILOVICH, 1902

I. G. Rusakov; on his 60th birthday. Akust. zhur 8 no. 3: 374-375 '62.

RUSSELL, BERTRAND, 1872-

Narskii, I.S. [Philosophy of Berti and Russell] Filosofiia Bertiana Rassela, lektsiia dlia studentov filosofskikh fakul'tetov gosudarstvennykh universitetov. [Moskva] Izd-vo Mosk. univ., 1962. 30 p.

RUSSIA—ALLIED INTERVENTION, 1918-1920

(see also subdivision under Russia, Southern)

American falsifiers of the history of the anti-Soviet intervention S. Koplin Voen - ist zhur 1 no 11: 59-66 N '62.

RUSSIA—ARMED FORCES

Soviet Army is an army of workers. I. Sidel'nikov. Voen. znan. 38 no. 11:4-5 N '62.

RUSSIA—ARMY—MILITARY LIFE

Concern for the daily existence of soldiers V Konstantinov Voen. vest 42 no 5 52-53 My '62.

We are collectivists. B Lebedev Starsh -serzh no 9 8 S '62

RUSSIA—ARMY—NONCOMMISSIONED OFFICERS

Select the most worthy for the position of sergeant. P Batov Starsh -serzh no. 8, 6-7 S '62

RUSSIA—ARMY—REGULATIONS

History of Russian combat and field service regulations. K Shkurak, N. Murzaev. Voen - ist zhur. 4 no. 11: 113-120 N '62.

RUSSIA—COMMERCE

Effect of the economic relations of a Union Republic on the volume of its national product and national income. L. Tarasov. Nauch. dokl. vys. shkoly, ekon. nauki 5 no. 6, 38-48 '62.

"Foreign trade of the U.S.S.R. in 1961. Reviewed by L. Cherepanova. Vnesh. torg. 42 no. 11, 16-29 '62

"Organization of accounting in state commerce" by A. Anisov. Reviewed by A. IAmryshko, V. Galich. Bukhg. uchet 10 no. 10:72 O '62.

Polezhaev, V. N. [Foreign trade as an important factor of peaceful coexistence] Vneshniaia torgovlia - vazhnyi faktor mirnogo sosushchestvovaniia. Moskva, Vneshtorgizdat, 1962. 58 p.

We strengthen and develop business traditions of the association. A. Shchirovskii. Vnesh. torg. 42 no. 11: 43-45 '62.

RUSSIA—COMMERCE—FINLAND

On the occasion of the 15th anniversary of the Soviet-Finnish trade treaty V Koshentaevskii. Vnesh. torg 42 no 11 37, 41-42 '62

RUSSIA—COMMERCE—IRAN

From the history of Russian-Iranian commercial and economic relations by way of Turkestan in the late 19th and early 20th centuries B Mannanov Obshchestv nauki Uz 6 no 9 46-53 '62

RUSSIA—COMMERCE—YUGOSLAVIA

Soviet-Yugoslav trade, an interview with S.A. Borisov, Nov. vrem 20 no.39.19 S '62.

RUSSIA—COMMUNIST PARTY see Communist Party of the Soviet Union

RUSSIA—CULTURE

Remizova, T. A. [Educational and cultural work in the R S F S R., 1921-1925] Kul'turno-prosvetitel'naia rabota v RSFSR; 1921-1925 gg. Moskva, Izd-vo Akad. nauk SsSR, 1962 254 p

Sukhtrov, A. M., and A. V. Murav'ev. [Studies of Russian culture from the 9th to the 17th century] Ocherki russkoi kul'tury IX-XVII vv., posobie dlia uchitelia. Moskva, Uchpedgiz, 1961. 345 p.

RUSSIA—ECONOMIC CONDITIONS

Anniversary of the Great October Revolution. Komm. [illegible], 38 no 10:15-24 O '62.

"Beware of underestimating the Soviet Union", new book of American experts on economic competition Victor Perlo Nov vrem 20 no 48 5-7 N '62

Current problems Ch. Abutalipov. Komm. Uz. 34 no 5 79-86 My '62

The 45th anniversary of the Great October Revolution. Voen - ist zhur 4 no 11.3-9 N '62

The future belongs to communism Komm Mold 7 no 10 2-8 O '62

The highroad of mankind Komm. Bel 36 no. 10 2-7 O '62

How the Communist Party struggled for the reconstruction of the national economy, 1921-1925 methodological advice for propagandists Komm Ukr 38 no 10: 71-75 O '62.

Kosygin, A. N. [The 45th anniversary of the Great October Socialist Revolution] 45-ia godovshchina Velikoi Oktiabr'skoi sotsialisticheskoi revoliutsii, doklad na torzhestvennom zasedanii v Kremlevskom Dvortse s"ezdov 6 noiabria 1962 goda. Moskva, Gos. izdatel'stvo, 1962 30 p

"Laying down the foundation of socialist economy in the U S S R, 1926-1932" Reviewed by I E. Zelenin, V S. Lel'chuk Ist SSR 6 no 6:148-152 N-D '62.

The October holiday Nov. vrem 20 no 46 1-2 N '62

Our historical march Agitator no 21:8-9 N '62.

Some problems concerning the genesis of capitalist forms in the farming of Russian peasants. I D. Kovalchenko. Ist SSR 6 no 6:65-87 N-D '62

Triumph of the ideas of the Great October Revolution. Voen. znan. 38 no.11 1-2 N '62.

"We are building communism" by O. N. Pashkevich, S. I. Lukashevich Reviewed by V. Matveev Komm. Bel. 36 no 10 70-74 O '62

A year of great achievements Kozh -obuv. prom. 4 no 11 1-3 N '62

RUSSIA—ECONOMIC CONDITIONS—HANDBOOKS, MANUALS, ETC.

"Economic life of the U. S. S. R." Reviewed by G Rubinshtein Vnesh torg 42 no. 11:50-51 '62.

RUSSIA—ECONOMIC GEOGRAPHY see Geography, Economic

RUSSIA—ECONOMIC POLICY

Current problems in improving planning. A Kochubei. Plan khoz 39 no 11 8-16 N '62

Kommunisticheskaia Partiia Sovetskogo Soiuza. TSentral'nyi Komitet. [Developing the U S. S. R. economy and reorganizing the party guidance of the national economy, decree of the Plenum of the Central Committee of the CPSU based on the report of Comrade N S. Khrushchev adopted on November 23, 1962] O razvitii ekonomiki SSSR i perestroike partiinogo rukovodstva narodnym khoziaistvom; postanovlenie Plenuma TsK KPSS po dokladu tovarishcha N. S. Khrushcheva, priniatoe 23 noiabria 1962 goda. Moskva, Gospolitizdat, 1962. 14 p.

Main economic task of the party and the Soviet people I Urmanov, T. Salakhutdinov Nar khoz Uzb 4 no 10 33-39 O '62

Pashkevich, O. N., and S. I. Lukashevich. [We are building communism] My stroim kommunizm. Minsk, Izd-vo Akad. nauk BSSR, 1962. 199 p.

Pressing onward Nov. vrem 20 no. 48:1-3 N '62.

Smolianskii, V. G. [Criticism of bourgeois "theories" of the Soviet planned economy] Kritika burzhuaznykh "teorii" o sovetskom planovom khoziaistve. Moskva, Gos. izd-vo "Vysshaia shkola," 1962. 94 p.

Soviet theory and practice in the field of the growth of national prosperity. F.S.Gaenko, Mat. i soob. Inst. otd. Inst. po izuch. SSSR no. 37, 35-50 S '62.

To meet new needs Nov. vrem 20 no 49:1-2 D '62.

Toward new achievements. Agitator no. 24:6-9 D '62.

Vachnadze, K. F. [The key to victory] Kliuch k pobede. Moskva, Izd-vo "Znanie," 1962. 38 p. (Narodnyi universitet kul'tury. Tekhniko-ekonomicheskii fakul'tet, no 10)

Volobuev, P. V. [Economic policy of the Provisional Government] Ekonomicheskaia politika Vremennogo pravitel'stva. Moskva, Izd-vo Akad. nauk SSSR, 1962. 482 p.

"We are building communism" by O. N. Pashkevich, S. I. Lukashevich. Reviewed by V. Matveev. Komm. Bel. 36 no. 10:70-74 O '62.

RUSSIA—EPOCH OF CONFUSION, 1605-1613

Liberation of Moscow from the rule of Polish interventionists Voen - ist. zhur 4 no 11 127-128 N '62.

RUSSIA—FEBRUARY REVOLUTION, 1917

Volobuev, P. V. [Economic policy of the Provisional Government] Ekonomicheskaia politika Vremennogo pravitel'stva. Moskva, Izd-vo Akad. nauk SSSR, 1962. 482 p

RUSSIA—FOREIGN ECONOMIC RELATIONS

To new frontiers. Vnesh. torg. 42 no. 11:3-6 '62.

RUSSIA—FOREIGN ECONOMIC RELATIONS—AFRICA

Economic cooperation expands. Vnesh. torg. 42 no. 11: 34-36 '62.

RUSSIA—FOREIGN ECONOMIC RELATIONS—IRAN

Soviet-Iranian economic relations during the years 1921-1940, and their role in the development of the productive forces of Iran [in Azerbaijani with summary in Russian]. M. M. Rabi-zade. Izv. AN Azerb. SSR. Ser. obshchestv. nauk no. 7:131-141 '62.

RUSSIA—FOREIGN ECONOMIC RELATIONS—MONGOLIA

Development along the socialist path; on the occasion of the 38th anniversary of the Mongolian People's Republic. N. Tiapkin. Vnesh torg. 42 no 11:31 '62

RUSSIA—FOREIGN RELATIONS

Akademiia nauk SSSR, Institut mirovoi ekonomiki i mezhdunarodnykh otnoshenii. [Postwar international relations in three volumes] Mezhdunarodnye otnosheniia posle vtoroi mirovoi voiny v trekh tomakh. Glav. red. N. N. Inozemtsev i dr. Moskva, Gospolitizdat.

Vol. 1. 1945-1949. Rd. A. G. Mileikovskii. 1962. 758 p.

Baturin, M., and S. Tarov. [Present-day foreign policy of the Soviet Union] Vneshniaia politika Sovetskogo Soiuza na sovremennom etape. Moskva, Izd-vo In-ta mezhdunarodnykh otnoshenii, 1962. 123 p.

Communists are the most consistent champions of peace. V. Korionov, E. Kuskov. Kommunist 39 no. 17:26-36 N '62.

The 40th anniversary of the Genoa Conference. H. I. Mitel'man. Ukr. ist. zhur. 6 no. 4:162-163 Jl-Ag '62.

The October holiday. Nov vrem. 20 no. 46:1-2 N '62.

RUSSIA—FOREIGN RELATIONS—AFRICA

Soviet Union and the countries of Africa. Nar. Az. i Afr. no 6, 5-10 '62

RUSSIA—FOREIGN RELATIONS—BUKHARA

N. P. Ignat'ev's mission to Khiva and Bukhara in the light of the data in A. G. Serebrennikov's "Collection of documents." L. Mirzaeva. Nauch. rab. i soob. Otd. obshchestv. nauk AN Uz. SSR 4:233-239 '61.

RUSSIA—FOREIGN RELATIONS—CUBA

Consolidating the gains. Nov. vrem. 20 no. 49:2-3 D '62.

RUSSIA—FOREIGN RELATIONS—IRAN

Iran's example. Nov. vrem. 20 no. 39:1-2 S '62.

RUSSIA—FOREIGN RELATIONS—JAPAN

Kutakov, L. N. [History of Soviet-Japanese diplomatic relations] Istoriia sovetsko-iaponskikh diplomaticheskikh otnoshenii. Moskva, Izd-vo IMO, 1962. 559 p.

RUSSIA—FOREIGN RELATIONS—KHIVA

N. P. Ignat'ev's mission to Khiva and Bukhara in the light of the data in A. G. Serebrennikov's "Collection of documents." L. Mirzaeva. Nauch. rab. i soob. Otd. obshchestv. nauk AN Uz. SSR 4:233-239 '61.

RUSSIA—FOREIGN RELATIONS—UNITED STATES

Americans and the October Revolution. Harry Freeman. Nov vrem. 20 no 46:3-5 N '62.

Anti-Soviet policy of the U. S. A. and the Genoa Conference. D. M. Stasheva'kyi. Ukr. ist. zhur. 6 no. 4: 74-84 Jl-Ag '62.

The policy of reasonable compromise. Boris Leont'ev. Nov. vrem 20 no. 47:2-4 N '62.

RUSSIA—GEOGRAPHY see Geography

RUSSIA—HISTORIOGRAPHY

Establishment of the Union of Soviet Socialist Republics; a historiographical review. D. A. Chugaev. Vop. ist. KPSS 6 no. 6:173-181 '62.

RUSSIA—HISTORY

A conference devoted to the 50th anniversary of "Zvezda" and the intensification of the revolutionary movement in 1910-1914. Sh. I. Ablotov, B. M. Popov Ukr. ist zhur. 6 no. 4:160-162 Jl-Ag '62.

Contemporary Orthodox falsifiers. N. Gordienko. Nauka i zhizn 4 no 10:20-31 O '62

"Essays on Russian culture of the 8th to 17th century" by A. M. Sakharov, A. V. Murav'ev. Reviewed by V. V. Kargalov. Prep. ist. v shkole 17 no. 5 112-116 S-O '62.

From the history of Sunday schools in Russia S. Kogan. Nar. obr. no 12 95-97 D '62.

"Geschichte Russlands" [in German] by Hans von Rimscha. Reviewed by M. R. Tul'chinskii. Ist SSR 6 no 6 176-180 N-D '62

"Problems of the socioeconomic history of the Russian feudal period and the study of its sources" Reviewed by A. L. Shapiro. Ist. SSR 6 no 6:157-161 N-D '62.

"The Russian state of the 17th century; new trends in its social, economic, political, and cultural life." Reviewed by K. N. Serbina Ist. SSR 6 no 6 181-184 N-D '62.

Tatishchev, V. N. [History of Russia in seven volumes] Istoriia Rossiiskaia v semi tomakh. Moskva, Izd-vo Akad. nauk 1962. 7 v.
(NcU)

RUSSIA—HISTORY—BIBLIOGRAPHY

Bibliography of sources for the history of Soviet society. M. L. Itkin Ist. arkh. 8 no. 1:226-229 Ja-F '63.

RUSSIA—HISTORY

Urgent problems of the history of Soviet society. M. P. Kim, Iu. A. Poliakov. Vest. AN SSSR 32 no. 11:35-41 N '62.

RUSSIA—HISTORY—SOURCES

"History of the civil war in the U. S. S. R." Vols. 1-3. Reviewed by D. Ortenblikhin. Voen. - ist. zhur. 4 no 11 91-96 N '62.

How the decisions of the 22nd Congress of the CPSU affect the study of sources for the Russian history of the Soviet period D. A. Chugnov. Ist. arkh. 8 no. 1: 165-173 Ja-F '63.

New data on Ivan Timofeev, a clerk of the Moscow Government. V. B. Kobrin. Ist. arkh. 8 no. 1:248 Ja-F '62.

We should try to develop new methods and review the results of our studies. Z. V. Zhdanovskaia. Vop. ist. KPSS 6 no. 6:167-172 '62.

RUSSIA—HISTORY—STUDY AND TEACHING

Acquainting seventh-graders with the history of their country. M. V. Nechkina, A. V. Fadeev. Prep. ist. v shkole 17 no. 5:84-94 S-O '62

"How to use local materials in the history of the U. S. S. R. classes" by M. M. Lysenko. Reviewed by V. S. Putrenko Ukr. ist zhur. 6 no. 5:126-129 S-O '62

New history course in the eighth grade. P. S. Leibengrub. Prep. ist. v shkole 17 no. 5 23-34 S-O '62.

Students' work with the textbook for the seventh grade. S. E. Strelkov. Prep. ist. v shkole 17 no. 5 35-40 S-O '62.

Working with documents in the seventh grade. L. M. Krasnykh. Prep. ist. v shkole 17 no. 5:55-59 S-O '62.

RUSSIA—HISTORY—TEXTBOOKS

New edition of the history of the U. S. S. R. textbook for the tenth grade. M. I. Kuznetsov. Prep. ist. v shkole 17 no. 5:94-104 S-O '62.

RUSSIA—INDUSTRIES

Demenev, A. I. [Indestructible foundation of communism] Nesokrushimyi fundament kommunizma. [Sverdlovsk] Sverdlovskoe knizhnoe izd-vo, 1962. 61 p.

Economic development and the improvement of its planning. S. Starovatin. Kommunist 39 no. 17:16-25 N '62.

Great achievements of the seven-year plan; from the information bulletin of the Central Statistical Administration attached to the Council of Ministers of the U. S. S. R. Blok. agit. [for Ukr.] no. 20:41-44 O '62.

The year 1962; facts and figures. Agitator no. 24:10-14 D '62.

RUSSIA—INTELLECTUAL LIFE

Andronikov, I. L. [I wish to tell you...; stories, portraits, sketches, articles] IA khochu rasskazat' vam...; rasskazy, portrety, ocherki, stat'i. Moskva, Sovetskii pisatel', 1962. 526 p.

RUSSIA—INVASION OF 1812

Akademiia nauk SSSR. Institut istorii. [Leaflets of the Patriotic War of 1812] Listovki Otechestvennoi voiny 1812 goda; sbornik dokumentov. [Sost. R. E. Al'tshuller, A. G. Tartakovskii.] Moskva, Izd-vo Akad. nauk SSSR, 1962. 159 p.

Akademiia nauk SSSR. Institut istorii. [The year 1812; the 150th anniversary of the Patriotic War] 1812 god; k stopiatidesiatiletiiu Otechestvennoi voiny; sbornik statei. Moskva, Izd-vo Akad. nauk SSSR, 1962. 316 p.

Destruction of the "great army." N. Pavlenko. Voen. - ist. zhur. 4 no. 11:37-51 N '62.

RUSSIA — INVASION OF 1812 (Continued)

The great day of Borodino. A. F. IAtsyshina Obshchestv. nauki v Uz 6 no 9:20-25 '62.

Heroic deeds of the peoples of our country; on the 150th anniversary of the Patriotic War of 1812. I. Budak. Komm Mold 7 no. 7 18-28 Jl '62.

Historical studies on the Ukrainian home guard during the War of 1812 B S. Abalikhin Ukr ist. zhur. 6 no 5:99-103 S-O '62.

Military operations in the Krasnyy region and the Berezina Valley in November 1812. K Ginshanin, R Paretskaia Voen - ist zhur 4 no 11 120-123 N '62

Minkin, A. E., and A. A. Khodchenkov [Monuments and memorable places associated with the Patriotic War of 1812] Pamiatniki i pamiatnye mesta Otechestvennoi voiny 1812 goda Smolensk, Smolenskoe obl upr. kul'tury, 1962. 39 p.

[MICROFILM]

Participation of the Ukrainians in the Patriotic War of 1812. H. IU. Herbil's'kyi. Ukr. ist. zhur. 6 no. 5:24-34 S-O '62.

Patriotic War of 1812. I IA. Fadeev. Prep. ist. v shkole 17 no. 5 12-22 S-O '62.

The Patriotic War of 1812 and Russian society. A. V. Fadeev. Ist. SSR 6 no. 6 19-26 N-D '62.

Unforgettable heroism of the Russian people. S. Fediukin. Part. zhizn' Kazakh. 32 no. 10:67-72 O '62.

The War of 1812 in the general courses of present-day French historians. V. G. Strotkin. Ist. SSR 6 no. 6: 161-102 N-D '62.

RUSSIA—LITERATURES

Amid periodicals and newspapers. Vop. lit. 6 no. 8: 234-235 Ag '62.

Brief news. Vop. lit. 6 no. 8:245-256 Ag '62.

Chalmaev, V. A. [Development of literatures of the peoples in the U. S. S. R.] Puti razvitiia literatur narodov SSSR. Moskva, Izd-vo "Znanie," 1962. 45 p. (Narodnyi universitet kul'tury; Fakul'tet literatury i iskusstva, no. 10)

Piskunov, V. M. [The novel today] Roman segodnia Moskva, Izd-vo "Znanie," 1962. 30 p. (Novoe v zhizni, nauke, tekhnike. VI Seriia: Literatura i iskusstvo, no. 22)

"Wings in flight", verse. Reviewed by Georgii Adler. Oktiabr' 30 no. 6:222-223 Je '62

RUSSIA—MANUFACTURES

Problems of improving industrial and trade relations. M. Bespalov. Vop. ekon. no. 10, 16-24 O '62.

RUSSIA—NAVY

Snapped in the North Sea Starsh. -serzh. no 9 32-33 S '62

RUSSIA—POLITICS AND GOVERNMENT

Baitin, M. I. [From the dictatorship of the proletariat to communist self-government] Ot diktatury proletariata - k kommunisticheskomu obshchestvennomu samoupravleniiu. [Saratov] Saratovskoe knizhnoe izd-vo, 1962. 65 p. (Reshenila XXII s"ezda KPSS - v zhizn')

Consolidation of the alliance of workers and collective farmers. B. Kovaliva'kyi. Rad pravo no. 6:16-21 N-D '62.

"Current objectives of the Soviet regime"; a new document of V. I. Lenin. Vop. ist. KPSS 6 no. 6:3-14 '62.

Decisive force in the struggle for communism. A. Fillimonov. Komm Bel. 36 no. 10:18-23 O '62.

Establishment of the Union of Soviet Socialist Republics; a historiographical review. D. A. Chugaev. Vop. ist. KPSS 6 no. 6:173-181 '62.

Fedoseev, A. S. [Democratic centralism is the Leninist principle of the organization of the Soviet state apparatus] Demokraticheskii tsentralism - leninskii printsip organizatsii sovetskogo gosudarstvennogo apparata, istoricheskii ocherk. Moskva, Gosiurizdat, 1962. 244 p.

[Gazette of the Supreme Soviet of the R. S. F. S. R.]. Ved. Verkh. Sov. RSFSR 6 nos. 45-48 N-D '62.

[Gazette of the Supreme Soviet of the U. S. S. R.] Ved. Verkh. Sov. SSSR 25 nos. 51-52 D '62; 26 nos. 1-2 Ja '63.

How a socialist state develops into communist communal self-government. V. A. Vaichuk. Nauch. dokl. vys. shkoly; filos. nauki 5 no. 5:160-164 '62.

Kommunisticheskaia partiia Sovetskogo Soiuza. Vysshaia partiinaia shkola. [Problems concerning the political organization of Soviet society during the large-scale building of communism] Voprosy politicheskoi organizatsii sovetskogo obshchestva v period razvernutogo stroitel'stva kommunizma. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1962. 429 p.

The Lenin Communist Youth League and the inculcation of the principles of communist communal self-government. K. A. Pitchnitsyna. Sov. gos. i pravo 32 no. 11: 38-46 N '62.

Participation of public-service organizations in the formation of the organs of Soviet governmental administration. V. M. Manokhin. Izv. vys. ucheb. zav., prav. 6 no. 3:108-114 '62.

Permanent missions of the Union Republics as the organs of these Republics' contacts with the Council of Ministers of the U. S. S. R. A. M. Krokhotkin Sov. gos i pravo 32 no. 11: 89-97 N '62.

Role of the Soviet Ukraine in the establishment of the Union of the S. S. R. B Babii Rad pravo no 6-3-15 N-D '62.

Some theoretical problems relating to public participation in governmental administration. G. I. Petrov. Izv. vys. ucheb zav., prav. 6 no. 3 101-107 '62.

Transfer of some governmental functions to public-service organizations. M. T. Baimakhanov. Trudy Inst. filos. i prava AN Kazakh. SSR 6 23-51 '62.

"The Union Republics in Soviet diplomacy; a study of Soviet federalism in the service of Soviet foreign policy" [in English] by Vernon V Aspaturian Reviewed by N. Sagindykov. Part. zhizn' Kazakh. 32 no. 11:74-77 N '62.

RUSSIA—RELATIONS (GENERAL) WITH BULGARIA

Russo-Bulgarian revolutionary contacts, 1907-1914. P. S. Sokhan', Ukr. ist. zhur. 6 no. 5 68-73 S-O '62.

RUSSIA—RELATIONS (GENERAL) WITH CHINA

Correspondence between Soviet and Chinese cultural and educational personnel, 1940-1945. Submitted by A T Pavlov. Ist. arkh. 8 no. 1, 63-82 Ja-F '62.

RUSSIA—RELATIONS (GENERAL) WITH ITALY

Italian women cooperators in the U. S. S. R. M. Kopelkina. Sov. potreb. koop. 6 no. 10:58-59 O '62.

RUSSIA—RELATIONS (GENERAL) WITH THE UNITED STATES

Some results of the visit of the American entomologic delegation to the U. S. S. R. I. IA. Poliakov Zashch. rast. ot vred. i bol. 4 no. 6 56-57 N-D '59

"There are many new things!" An American news photographer talks about his trip to the U. S. S. R (P. Hickey). Sov. foto 22 no. 10 45 O '62.

Thoughts and deeds of the ordinary Americans. Blok. agit. [for Ukr.] no. 30 38-40 O '59.

RUSSIA—REVOLUTION OF 1905 see subdivision under Kazakhstan; Leningrad

RUSSIA—REVOLUTION, 1917-1921
(see also subdivision under Armenia, Baku, Estonia; Ishim, Tyumen Province; Kazakhstan; Lithuania, Moldavia; Siberia, Transcaucasia; Turkestan, Ukraine; White Russia)

Barinov, A. S. [The Communist Party during the civil war and foreign armed intervention] Kommunisticheskaia partiia v period inostrannoi voennoi interventsii i grazhdanskoi voiny, material k lektsiiam po kursu "Istoriia KPSS," Moskva, Mosk. gos. bibliotechnyi in-t, 1960. 99 p.

The Communist Party during the civil war and foreign armed intervention, 1918-1920: methodological advice for propagandists. Komm. Ukr. 36 no. 10:67-71 O '62.

"Current problems facing the Soviet regime"; some chapters of the first version of V. I. Lenin's article. Komm. Ukr. 36 no. 10:3-14 O '62.

Dates, events, and people. Komm. Bel. 36 no. 10:75-77 O '62.

[The dawn of a new world; a collection of reminiscences and documents on the Second All-Russian Congress of Soviets] Utro novogo mira; sbornik vospominanii i dokumentov o II Vserossiiskom s"ezde Sovetov. Moskva, Gospolitizdat, 1962. 78 p. (Stranitsy istorii Sovetskoi Rodiny)

"The Great October; collection of documents." Reviewed by D. K. Shelestov. Vest. AN SSSR 32 no. 11: 141-143 N '62.

The Great October Socialist Revolution and civil war. T. S. Golubeva, L. S. Gellershtein. Nach. shkola 30 no. 11:81-87 N '62.

"History of the civil war in the U. S. S. R." Vols. 1-3. Reviewed by D. Oznobishin. Voen - ist zhur. 4 no 11:91-96 N '62.

History of the organization of the Soviet Armed Forces in the first months of the October Revolution. Submitted by E. N. Gorodetskii, S. M. Kliatskin. Ist. arkh. 8 no. 1:83-93 Ja-F '62.

How Soviet governmental agencies carried out the requests of V. I. Lenin Submitted by S. A. Vakurova and others. Ist. arkh. 8 no. 1:13-62 Ja-F '62.

How to study the theme "The party during the civil war and foreign armed intervention, 1918-1920." A. Chuchko. Komm. Bel. 36 no. 10:58-63 O '62.

Kudlai, A. S. [The Communist Party during the period of foreign military intervention and civil war] Komunistychna partiia v period inozemnoi voennoi interventsii i hromadians'koi viiny, 1918-1920 rr. Kyiv, Derzhpolitvydav, URSR, 1959. 66 p. (Na dopomohu vyvchaiuchym istoriiu KPSR) (CSt-H)

Lenin, V. I. [Complete works] Polnoe sobranie sochinenii. Izd. 5. Moskva, Gospolitizdat.
Vol. 35. [October 1917-March 1918] Oktiabr'1917-mart 1918. 1962. 699 p.

Lenin's idea of control by the workers and attempts to carry it out in March-October 1917. P. V. Volobuev. Vop. ist. KPSS 6 no. 6:30-35 '62.

Nikolaevskii, B. I. [Menshevika during the days of the October Revolution] Men'sheviki v dni Oktiabr'skogo perevorota. New York, 1962. 114 p. (Inter-University Project on the History of the Menshevik Movement. Paper no. 8)
(CSt-H)

Proceedings of the All-Russian Conference of Party Workers, March 27-April 2, 1917 (conclusion). Vop. ist. KPSS 6 no. 6 130-152 '62.

A session on the history of the Russian labor movement and the laboring classes in 1917. E. M. Sklifarenko. Ist. SSR 6 no. 6 205-208 N-D '62.

Vendrikh, G. A., comp [How we struggled for Soviet power in Irkutsk Government, recollections of active participants of the Great October Revolution] Kak my borolis' za vlast' Sovetov v Irkutskoi gubernii; vospominaniia aktivnykh uchastnikov Velikoi Oktiabr'skoi sotsialisticheskoi revoliutsii. [Irkutsk] Irkutskoe knizhnoe izd-vo, 1957 558 p.
(MH)

We prepare for the glorious anniversary of the October Revolution A. V. Ignat'ev Ist. SSR 6 no. 6 204-205 N-D '62.

RUSSIA—REVOLUTION, 1917-1921—PERSONAL NARRATIVES

Charge. K. Borozentsov. Voen. znan. 38 no. 11:37-38 N '62.

Kovtun, A. I. [Paths travelled; recollections] Puti proidennye, vospominaniia. Simferopol', Krymizdat, 1962. 134 p.

On a December night Eva Priester Ogonek 40 no 45 10-11 N '62

Pozdniakov, E. I. [Youth of a commissar] IUnost' komissara. Moskva, Voenizdat, 1962. 223 p. (Voennye memuary)

RUSSIA—SOCIAL CONDITIONS

My family album Andre Wurmser Ogonek 40 no. 45: 8 N '62.

RUSSIA, NORTHERN—AFFORESTATION

Tikhomirov, B. A. [Treelessness of the tundra, its causes and ways of overcoming it] Bezlos'e tundry, ego prichiny i puti preodoleniia. Moskva, Izd-vo Akad. nauk SSSR, 1962. 87 p

RUSSIA, NORTHERN—CONCRETE CONSTRUCTION—COLD WEATHER CONDITIONS

Characteristics of concrete work during the laying of foundations on permafrost soils. E. Kh. Bulgakov. Izv. ASIA 4 no. 1 98-105 '62.

RUSSIA, NORTHERN—ELK

Northern boundary of the range of elk [with summary in English]. V. P. Makridin Zool zhur 41 no 7:1090-1094 Jl '62.

RUSSIA, NORTHERN—GEOPHYSICAL RESEARCH

Some results of scientific research performed at the Polar Geophysical Institute of the Kola Branch of the Academy of Sciences of the U. S. S. R. in 1961. S. I. Isaev. Geomag. i aer. 2 no. 3:575-576 My-Je '62.

RUSSIA, NORTHERN—GLACIAL EPOCH

Paleogeographical characteristics of the last ice cap in the extreme northeastern area of the European part of the U. S. S. R. M. S. Kaletskaia. Mat. po geol. i pol. iskop. Sev.-Vost. Evrop. chasti SSSR. no. 2:60-66 '62.

RUSSIA, NORTHERN—ICE ON RIVERS, LAKES, ETC.

Features of breaking up ice in the lower reaches and mouths of rivers emptying into northern seas, as exemplified by the Yenisey River M I Zotin Trudy GOIN no 66:26-54 '62

RUSSIA, NORTHERN—PETROLEUM

Petroleum in the north of Russia Neftianik 7 no. 4:33 Ap '62.

RUSSIA, NORTHERN—RIVERS—REGULATION

Vasil'ev, M. V. [Rivers will flow backwards...] I reki vspiat' potekut... Moskva, Geografgiz, 1962. 69 p. (Narodnaia bibliioteka: Priroda i cholovek)

RUSSIA, NORTHERN—SOCIAL CONDITIONS

Novoselov, V. I. [Illuminated meridians] Ozarennye meridiany. Moskva, Gospolitizdat, 1962. 174 p. (Stranitsy nashei zhizni)

RUSSIA, NORTHERN—WATER, UNDERGROUND

Characteristics of the formation and distribution of underground waters in the northeastern area of the European part of the U. S. S. R. I. A. Gabovich. Mat. po geol. i pol. iskop. Sev.-Vost. Evrop. chasti SSSR no. 2:74-81 '62.

RUSSIA, NORTHWESTERN—ABUKUMALITE

Abukumalite from rare earth pegmatites of the northwestern U. S. S. R. [with summary in English]. A Lunes. Izv. AN Latv. SSR no. 4:67-76 '62.

RUSSIA, SOUTHERN—ALLIED INTERVENTION, 1918-1920

Russia (1917- R. S. F. S. R.) Glavnoe arkhivnoe upravlenie. [The Southern Front, May, 1918 to March, 1919; how the Soviet people struggled against interventionists and the White Guards in Southern Russia] IUzhnyi front, mai 1918-mart 1919; bor'ba sovetskogo naroda s interventami i belogvardeitsami na IUge Rossii. Sbornik dokumentov. [Rostov-na-Donu] Rostovskoe knizhnoe izd-vo, 1962. 410 p.

RUSSIA, SOUTHERN—EURYGASTERS

Effect of the shield bug Eurygaster integriceps on the quality of bean seeds. A. I. Marushev, V. A. Kumakov. Zash. rast. ot vred. i bol. 7 no. 7 24-25 Jl '62

RUSSIA, SOUTHERN—LEGUMES

Leguminous crops in the subtropical areas of the U. S. S. R. [with summary in English] G. T. Gutiev. Subtrop. kul't. no. 2 3-14 '62

RUSSIA, SOUTHERN—POTATO BREEDING

Potato breeding in the south. P. S. Kirpichenko. Trudy Stav. opyt. sel'skokhoz. inst. no. 9 55-62 '60

RUSSIA, SOUTHERN—TROPICAL PLANTS

Leguminous crops in the subtropical areas of the U. S. S. R. [with summary in English] G. T. Gutiev. Subtrop. kul't. no. 2 3-14 '62

RUSSIA, SOUTHERN—WHEAT—DISEASES AND PESTS

Effect of the shield bug Eurygaster integriceps on the quality of bean seeds. A. I. Marushev, V. A. Kumakov. Zash. rast. ot vred. i bol. 7 no. 7 24-25 Jl '62

RUSSIAN DRAMA—HISTORY AND CRITICISM

"The hero and the times, articles in literature and the theater" by Pavel Gromov. Reviewed by A. Tamarchenko. Vop. lit. 6 no. 8 195-199 Ag '62

Birdre s of a man. D. Starkov. Oktiabr' 39 no. 6: 162-165 Je '62

RUSSIAN GRAMMAR—STUDY AND TEACHING

Inculcating conscientiousness and participation of students in grammar lessons. M. A. Lukianova. Rus. iaz. v shkole 23 no. 5 40-44 S-O '62.

RUSSIAN LANGUAGE

Kirov. Pedagogicheskii institut imeni V. I. Lenina. Kafedra russkogo iazyka. [Studies on the Russian language] Ocherki po russkomu iazyku. Kirov, Kirovskoe knizhnoe izd-vo] 1962. 181 p.

RUSSIAN LANGUAGE—ADJECTIVE

Work on student speech during the study of the topic "Adjective." E. A. Sharaeva. Nach. shkola 30 no. 11 34-39 N '62

RUSSIAN LANGUAGE—ADVERB

Substituting verbal adverb phrases by synonymic constructions. L. A. Deribes. Rus. iaz. v shkole 23 no. 5 18-22 S-O '62

RUSSIAN LANGUAGE—AUDIO-VISUAL AIDS

Use of an electric visual aid to improve the retention of knowledge of the Russian language. A. A. Levin. Rus. iaz. v shkole 23 no. 5 81-86 S-O '62

RUSSIAN LANGUAGE—BIBLIOGRAPHY see Bibliography—Russian language

RUSSIAN LANGUAGE—CHRESTOMATHIES AND READERS

Grigorenko, R. V., comp. [Into space, reader recommended for foreign students of the Russian language] V kosmos; kniga dlia chteniia, rekomenduemaia studentami-inostrantsam, izuchaiushchim russkii iazyk. Moskva, 1-i Mosk. med. in-t, 1962. 63 p.

RUSSIAN LANGUAGE—COMPETITIONS

Olympiad in the Russian language. D. A. Ryzhuk. Rus. iaz. v shkole 23 no. 5 91-95 S-O '62

RUSSIAN LANGUAGE—COMPOSITION AND EXERCISES

Independent works of grade 5-7 students. V. E. Matorova. Rus. iaz. v shkole 23 no. 5 47-50 S-O '62.

Mogilin, G. M. [Texts to be used for exercises in Russian composition for grades 5-7 of the Turkmen school, a teacher's manual] Sbornik statei dlia izlozheniia na russkom iazyke v V-VII klassakh turkmenskoi shkoly, posobie dlia uchitelei. Ashgabad, Turkmenuchpedgiz, 1961. 89 p.

Work of laborers in student compositions. K. Lepins. Nar. obr. no. 12 43-46 D '62

RUSSIAN LANGUAGE—CONGRESSES

Second Tashkent Conference. S. Chekhoeva. Nar. obr. no. 11 123-125 N '62.

RUSSIAN LANGUAGE—DICTIONARIES

Phraseology problems and the task of compiling a phraseological dictionary. K. S. Gorbachevich. Rus. iaz. v shkole 23 no. 5 113-114 S-O '62.

RUSSIAN LANGUAGE—DICTIONARIES—ENGLISH

Nartov, L. M., comp. [English-Russian dictionary on gas turbine systems; with a supplementary alphabetical index of Russian terms] Anglo-russkii slovar' po gazoturbinnym ustanovkam; s prilozheniem alfavitnogo ukazatelia russkikh terminov. Leningrad, Sudpromgiz, 1962. 214 p.

RUSSIAN LANGUAGE—DICTIONARIES—KAZAKH

Akademiia nauk Kazakhskoi SSR, Alma-Ata. Institut iazykoznaniia. [Russian-Kazakh dictionary of terminology] Russko-kazakhskii terminologicheskii slovar'. Alma-Ata, Izd-vo Akad. nauk Kazakhskoi SSR.
Vol. 12. Bakaev, M. T., and others. [Mining] Gornoe delo. 1962. 281 p.

RUSSIAN LANGUAGE—FOREIGN WORDS AND PHRASES

A dictionary of winged and foreign words. Agitator no. 21 54 N '62

RUSSIAN LANGUAGE—GRAMMAR

Ardentov, B. P. [Fundamentals of Russian grammar] Osnovy russkoi grammatiki. Kishinev, Gos. izd-vo "Kartia moldoveniaske," 1962. 78 p.

Razumovskaia, M. M. [Grammar analysis during the study of orthography] Grammaticheskii analiz pri obuchenii orfografii, posobie dlia uchitelia. Moskva, Uchpedgiz, 1962. 75 p.

Sokolova, M. A. [Outline history of the grammar of the Russian language] Ocherki po istorii shkol'noi grammatiki russkogo iazyka. [Leningrad] Izd-vo Leningr. univ., 1962. 311 p.

Using analysis for the reinforcement of skills in schools for working youth. R. G. Granik. Rus. iaz. v shkole 23 no. 5 71-74 S-O '62.

RUSSIAN LANGUAGE—ORTHOGRAPHY

Concerning the improvement of Russian language teacher training and a systematic course in orthography in institutions of higher learning. V. F. Ivanova. Rus. iaz. v shkole 23 no. 5 102-103 S-O '62

Let's radically simplify orthography. I. A. Figurovskii. Rus. iaz. v shkole 23 no. 5 96-98 S-O '62

Methods of checking the spelling of unaccented vowels in words. A. IA. Lur'e-Derskii. Rus. iaz. v shkole 23 no. 5 63-65 S-O '62.

Simplification or complication? M. M. Reshetnikov. Rus. iaz. v shkole 23 no. 5, 99-100 S-O '62

Study of obsolete spelling leads to a decrease in literacy. S. S. Rukavishnikov. Rus. iaz. v shkole 23 no. 5 98 S-O '62

RUSSIAN LANGUAGE—PARTICLES

Ivanova, V. F. [Difficult instances in the usage and spelling of the particles "ne" and "ni."] Trudnye sluchai upotrebleniia i pravopisaniia chastits ne i ni. Moskva, Uchpedgiz, 1962. 107 p.

RUSSIAN LANGUAGE—PHONOLOGY

Vowel graduation in the stem morphemes. Talvan Pets. Rus. iaz. v shkole 23 no. 5 11-17 S-O '62

RUSSIAN LANGUAGE—PRONUNCIATION

Work on the correction of mistakes caused by dialectal pronunciation. G. P. Smolitskaia. Rus. iaz. v shkole 23 no. 5 59-62 S-O '62.

RUSSIAN LANGUAGE—PUNCTUATION

Reviewing the topic "Punctuation in an asyndetic compound sentence" in the eighth grade of the school for working youth. G. A. Abbarov. Rus. iaz. v shkole 23 no. 5 75-77 S-O '62.

Superfluous punctuation in tenth-grade student papers of evening schools. S. G. Borisov. Rus. iaz. v shkole 23 no. 5 78-80 S-O '62.

RUSSIAN LANGUAGE—STUDY AND TEACHING
(see also subdivision under Kabardino-Balkar A.S.S.R., Uzbekistan)

Akademiia pedagogicheskikh nauk RSFSR, Moscow. Institut natsional'nykh shkol. [Studying one's native and Russian language in the non-Russian school] Izuchenie rodnogo i russkogo iazyka v natsional'nykh shkole; iz opyta uchitelei nachal'nykh klassov. Pod red. N. V. Taldina i E. V. Efremovoi. Moskva, Izd-vo Akad. pedagog. nauk RSFSR, 1962. 80 p. (Pedagogicheskie chtenila)

Card work system in grade 1-4 Russian language classes. A. M. Degtiareva, P. V. Korenkov. Nach. shkola 30 no. 11 60-68 N '62.

Conference dedicated to the elaboration of urgent problems in the methodology of Russian language instruction. D. Z. Natanson. *Rus. iaz. v shkole 23 no. 5 111-113 S-O '62.*

Development of the logical thinking of students in Russian language classes. V. T. Vanushechkin. Rus. iaz. v shkole *23 no. 5, 35-40 S-O '62.*

Dictation with grammatical commentary as means of increasing the efficiency of a lesson. M. I. Leont'ev. *Rus. iaz. v shkole 23 no. 5:50-53 S-O '62.*

Editor's mail. I. S. Kuiskov and others. Rus. iaz. v shkole 23 no. 5 120-127 S-O '62.

Improving the training of Russian language and literature teachers in pedagogical institutes. G. I. Korotenko. Rus. iaz. v shkole 23 no. 5 101-102 S-O '62.

Kitaev, N. N. [Working with backward students in Russian-language classes] Rabota s uchashchimisia otstaiushchimi po russkomu iazyku. Moskva, Izd-vo Akad. pedagog. nauk RSFSR, 1962. 102 p. (Pedagogicheskaia bibliioteka uchitelia)

Let's mobilize our best and avoid *mistakes.* V. A. Dobromyslov. Rus. iaz. v shkole 23 no. 5:1-6 S-O '62

N. K. Krupskaia on the teaching of the *Russian language* in schools for adults. P. V. Gornostaev. Rus. iaz. v shkole 23 no. 5 104-105 S-O '62.

Professional trend in the teaching of Russian language in normal schools. *M. R. L'vov. Rus. iaz. v shkole* 23 no. 5 87-90 S-O '62.

Russia (1917- R.S.F.S.R.) Ministerstvo prosveshcheniia. [Programs for eight-year schools, Russian language and literature] Programmy vos'miletnei shkoly; russkii iazyk i literatura. Moskva, Uchpedgiz, 1962. 77 p.

Russia (1917- R.S.F.S.R.) Ministerstvo prosveshcheniia. [Programs for grades 3 and 4 of evening (staggered) secondary general schools; the Russian language and arithmetic] Programmy III-IV klassov vechernei (smennoi) srednei obshcheobrazovatel'noi shkoly; russkii iazyk, arifmetika. Moskva, Uchpedgiz, 1962. 23 p.

Structure of a lesson. V. S. Kadantsev. Rus. iaz. v shkole 23 no. 5 59-61 S-O '62

Using the materials of "Pionerskaia pravda" in the grade 5-7 Russian language lessons. R. G. Granik. Rus. iaz. v shkole 23 no. 5 41-46 S-O '62.

Valgina, N. S., and others. [Collected dictations for evening (staggered) secondary general schools] Sbornik diktantov dlia vechernei (smennoi) srednei obshcheobrazovatel'noi shkoly. Moskva, Uchpedgiz, 1962. 203 p.

Work on the poetic imagery of a language in the study of folklore. P. G. Vorob'ev. Rus. iaz. v shkole 23 no. 5 59-60 S-O '62.

Working on the Russian language and increasing the literacy of grade 8-11 students during the study of literature. A. D. Koshanov. Rus. iaz. v shkole 23 no. 5 66-71 S-O '62.

RUSSIAN LANGUAGE—STYLE

On respect for the word. E. Khamplia. Vop. lit. 6 no. 8 193-194 Ag '62.

RUSSIAN LANGUAGE—SYNTAX

Detached substantive oblique cases of nouns. L. M. Maksimov. Rus. iaz. v shkole 23 no. 5 23-29 S-O '62

Interaction between the lexical and grammatical meanings. F. I. Shevtelia. Inostr. iaz. v shkole no. 4 101-102 Jl-Ag '62.

[Practical textbook on Russian syntax for foreign students] Prakticheskoe posobie po sintaksisu russkogo iazyka dlia studentov inostrantsev. [By] R. I. Arnkalia i dr. Moskva, Gos. izd-vo "Vysshaia shkola," 1962. 313 p.

RUSSIAN LANGUAGE—TERMS AND PHRASES

Grammatical analysis of noun phrases with the genitive of part and whole. F. A. Tulina. Rus. iaz. v shkole 23 no. 5 7-10 S-O '62

Phraseology problems and the task of compiling a phraseological dictionary. K. S. Gorbachevich. Rus. iaz. v shkole 23 no. 5 113-114 S-O '62.

Substituting verbal adverb phrases by synonymic constructions. L. A. Deribes. Rus. iaz. v shkole 23 no. 5 18-22 S-O '62.

Useful advice for propagandists. I. Skvortsov. Agitator no. 21 60-62 N '62

Words and phrases concerning time in the German and Russian languages. M. I. Akkerman. Inostr. iaz. v shkole no. 4 117-119 Jl-Ag '62.

RUSSIAN LANGUAGE—TEXTBOOKS FOR FOREIGNERS

[Practical textbook on Russian syntax for foreign students] Prakticheskoe posobie po sintaksisu russkogo iazyka dlia studentov inostrantsev. [By] R. I. Arakalia i dr. Moskva, Gos. izd-vo "Vysshaia shkola," 1962. 313 p.

RUSSIAN LITERATURE see subdivision under Rumania

RUSSIAN LITERATURE—BIBLIOGRAPHY see Bibliography—Russian literature

RUSSIAN LITERATURE—HISTORY AND CRITICISM
(see also subdivision under Siberia)

Eleonskii, S. F. [Studying the creative history of literary works] Izuchenie tvorcheskoi istorii khudozhestvennykh proizvedenii; posobie dlia uchitelei. Moskva, Uchpedgiz, 1962. 303 p.

Ethical and aesthetic. V. Kamianov. Vop. lit. 6 no. 8: 8-21 Ag '62.

The Fifth All-Union Conference on Old Russian Literature. Iu. K. Beganov. Ist. SSR 6 no. 6:211-220 N-D '62.

In the role of a boy in a fight.... *A. Bachatov.* Vop. lit. 8 no. 8:22-35 Ag '62.

Mnianiuk, E. [Logbook; prose] Knyha sposterezhen'; proza. Toronto, Nakl. vyd-va "Homin Ukrainy," 1963. 525 p.

Our young writers. V. Kozhevnikov. Kommunist 39 no. 17:73-80 N '62.

Platonov, D. E. [Lenin and the problems of Soviet literature] Lenin i voprosy sovetskoi literatury. Leningrad, Ob-vo po raspr. polit. i nauchn. znanii RSFSR, 1959. 54 p.
(NNC)

Pospelov, G. N. [History of 19th century Russian literature] Istoriia russkoi literatury XIX veka. [Moskva] Izd-vo Mosk. univ.
Vol. 2, Pt. 1. 1963. 620 p.

RUSSIAN LITERATURE—PERIODICALS

"Filologicheskie nauki", no. 1, 1962. Vop. lit. 6 no. 8: 232 Ag '62.

"Izvestiia Akademii nauk SSSR", no. 2, 1962. Vop. lit. 6 no. 8:231-232 Ag '62.

RUSSIAN LITERATURE--STUDY AND TEACHING

Cultivated through literature. I Metter Vop. lit. 6 no. 6 108-111 Ag '62

Development of student independence and initiative in the process of teaching literature IA B. Kuz'minov. Sov pedag. 26 no 6 34-41 Je '62

Education of children by means of belles-lettres S G Zaslavskaia Rad shk 11 no 11 31-36 N '62

Russia (1917- R. S. F. S. R.) Ministerstvo prosveshcheniia. [Programs for eight-year schools, Russian language and literature] Programmy vos'miletnei shkoly, russkii iazyk i literatura Moskva, Uchpedgiz, 1962. 77 p.

Survey of letters to the editor. Vop. lit. 6 no. 8 111-117 Ag '62.

The work of a teacher is creative genius. E. Afanas'eva Vop. lit. 6 no. 6:110-121 Ag '62

Working on the Russian language and increasing the literacy of grade 8-11 students during the study of literature. A. D. Korshunov Rus. iaz. v shkole 23 no 5 66-71 S-O '62.

RUSSIAN NEWSPAPERS

A conference devoted to the 50th anniversary of "Pravda" and the intensification of the revolutionary movement in 1910-1914. Sh. F. Akhiev, N M. Popov Ukr. ist zhur. 6 no 4:160-162 Jl-Ag '62

Fiftieth anniversary of "Pravda." Nauka i zhizn' 29 no. 5 12-13 My '62.

Glorious 50 years. V. P. Lukin, I. D. Mysheliuk Ukr. ist. zhur. 6 no. 4:157-158 Jl-Ag '62

Kommunisticheskaia partiia Sovetskogo Soiuza. Permskii oblastnoi komitet. Partiinyi arkhiv. [Lenin's "Pravda" in the western Urals, 1912-1914; documents and materials on the history of the Perm organization of the CPSU] Leninskaia "Pravda" na Zapadnom Urale, 1912-1914 gody, dokumenty i materialy po istorii Permskoi organizatsii KPSS. Perm', Permskoe knizhnoe izd-vo, 1962. 158 p.

Newspapers are responsible for the harvest too. Part Zhizn' kazakh. 37 no. 10 13-17 O '62

The path of Lenin's "Pravda." Komm. Uz. 31 no 5 3-10 My '62.

Reminiscences about "Pravda." V. V. Tikhonovskii Ist. arkh. 8 no. 1 160-162 Ja-F '62.

RUSSIAN NEWSPAPERS--BIBLIOGRAPHY see Bibliography--Russian newspapers

RUSSIAN NEWSPAPERS--INDEXES

[Chronicle of newspaper articles] Let. gazet. st. no. 11 '62. Vspomogatel'nye ukazateli k nos. 7-9 za 1962 god.

RUSSIAN PERIODICALS

An appeal to our readers. Blok. agit. [for Ukr.] no 30 63-64 O '59.

To our readers. Agitator no. 24:2 D '62.

RUSSIAN PERIODICALS--BIBLIOGRAPHY see Bibliography--Russian Periodicals

RUSSIAN PERIODICALS--CENSORSHIP see subdivision under Germany, West

RUSSIAN PERIODICALS--INDEXES

[Chronicle of periodical articles] Let. zhur. st. nos. 47-49 '62.

RUSSIAN PLATFORM--BRACHIOPODA, FOSSIL

Liashenko, A. I. [Atlas of brachiopoda and the Devonian stratigraphy of the central provinces of the Russian Platform] Atlas brakhiopod i stratigrafiia devonskikh otlozhenii tsentral'nykh oblastei Russkoi platformy. Pod red. V. N. Krestovnikova. Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1959. 450 p.
(CU)

RUSSIAN PLATFORM--GEOLOGY, STRATIGRAPHIC

Liashenko, A. I. [Atlas of brachiopoda and the Devonian stratigraphy of the central provinces of the Russian Platform] Atlas brakhiopod i stratigrafiia devonskikh otlozhenii tsentral'nykh oblastei Russkoi platformy. Pod red. V. N. Krestovnikova. Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1959. 450 p.
(CU)

The Lower Kazanian deposits in the east of the Russian Platform and some characteristics of their formation. IU. V. Sementovskii. Dokl. AN SSSR 147 no. 2 454-457 N '62.

RUSSIAN PLATFORM--GEOLOGY, STRUCTURAL

Basic stages in the tectonic development in the Paleozoic of the southern margin of the Russian Platform A. IA. Dubinskii. Sov. geol. 5 no 6 17-32 Je '62

RUSSIAN PLATFORM--LAGENIDAE, FOSSIL

Genus Saracenaria and its representatives from the Upper Jurassic of the Russian platform. K. I. Kuznetsova Vop. mikropaleont. no. 6:73-80 '62.

RUSSIAN POETRY--DICTIONARIES

Dictionary of the language of Soviet Russian poetry. V. P. Grigor'ev. Rus. iaz. v shkole 23 no. 5 114-119 S-O '63.

RUSSIAN POETRY--STUDY AND TEACHING

Amitin, G. E. [Studying poets in school] Izuchenie poetov v shkole, A. S. Pushkin, M. IU. Lermontov, N. A. Nekrasov, V. V. Maiakovskii. Iz opyta uchitelia literatury Moskva, Uchpedgiz, 1962. 255 p

RUSSIAN SATELLITES see Communist Countries

RUSSIAN SOCIAL DEMOCRATIC PARTY
(see also subdivision under Caucasus, Dnepropetrovsk, Kazakhstan, Odessa, Ukraine)

J. Haviena tells us about the Prague Conference. V. F Shatov. Ist arkh. 8 no. 1 162-164 Ja-F '62

Nikolaevskii, B. I. [Mensheviks during the days of the October Revolution] Men'sheviki v dni Oktiabr'skogo perevorota. New York, 1962 114 p (Inter-University Project on the History of the Menshevik Movement Paper no. 8)
(CSt-H)

Proceedings of the All-Russian Conference of Party Workers, March 27-April 2, 1917 (conclusion). Vop. ist KPSS 6 no. 6 130-152 '62.

V. A. Karpinskii's letter concerning the library and archives of the Russian Social Democratic Party V. A Kuz'ko Ist. arkh. 8 no. 1 211-212 Ja-F '62.

V. I. Lenin's letters to the editor of "Pravda," 1912-1914 submitted by V. T. Loginov. Ist. arkh. 8 no 1 3-12 Ja-F '62

RUSSIAN SOCIAL DEMOCRATIC PARTY--CONGRESSES

Kharkov session of the Committee for the Convocation of the Second Congress of the Russian Social Democratic Party. V. N. Stepanov. Ist. arkh 8 no. 1 186-191 Ja-F '62.

RUSSIAN STUDIES see subdivision under France, Germany, West, Great Britain, United States

RUSSIAN STUDIES--BIBLIOGRAPHY see Bibliography--Russian studies

RUSSIANS see subdivision under France

RUTHENIA see Transcarpathia

RUTHENIUM--ANALYSIS

Avtokratova, T. D. [Analytical chemistry of ruthenium] Analiticheskaia khimiia rutenita Moskva, Izd-vo Akad. nauk SSSR, 1962 263 p. (Serila. Analiticheskaia khimiia elementov)

RYAZAN--ARCHAEOLOGICAL SURVEYING

"The land of Ryazan" by A. L. Mongait Reviewed by M Rabinovich Sov etn. no 5 160-163 S-O '62

RYAZAN PROVINCE--AGRICULTURE

Possibilities of the development of agriculture in Ryazan Province, decorated with the Order of Lenin. I. V. Bobkov Zhivotnovodstvo 22 no. 2:3-8 F '60.

RYAZAN PROVINCE--CONSTRUCTION INDUSTRY

Rewards of the Exhibition of Achievements of the National Economy of the U. S. S. R. presented to builders of Ryazan Province. M Shesnaev Sel'. stroi no 8 21-22 Ag '62

RYAZAN PROVINCE--POULTRY HOUSES AND EQUIPMENT

Farm for 50,000 hens M Protasova Sel'. stroi no 8 22-24 Ag '62

RYBINSK RESERVOIR--BREAM

Feeding of the bream Abramis brama (L.) in Rybinsk Reservoir. IU. G. Il'ovitskii. Vop. ikht. 2 no 2 350-360 '62

Some characteristics of the late stages of the development of bream (Abramis brama (L.)) in Rybinsk Reservoir. T. S. Zhiteneva. Vop. ikht. 2 no 2 316-324 '62

RYBNAYA RIVER (KRASNOYARSK TERRITORY)--WHITEFISHES

Observations on the spawning of the whitefish Coregonus nasus (Pall.) in the Rybnaya River (the Pyasina River system). V. A. Krasikova, S. M. Sestagin. Vop. ikht 2 no. 2:295-298 '62

RYBNOYE (RYAZAN PROVINCE)--GRAPHIC ARTS

Exhibition of the graphic art industry. V. Lebedev. Sov. potreb. koop. 6 no. 10:41-42 O '62.

RYE

Phasic development of winter plants. D. A. Dolgushin. Agrobiologiia no. 5 643-665 S-O '62

"Rye" by A. P Ivanov. Reviewed by P. A Iakhtenfel'd. Zemledelie 24 no 6 92-94 Je '62.

SABIR pseud. see Tair-Zade, Mirza-Alekber, 1863-1911

SACROCOCCYGEAL REGION--TUMORS

Strel'nikov, B. E. [Epithelial cysts of the sacrococcygeal region] Epitelial'nye kisty kreattsovo-kopchikovoi oblasti. Moskva, Medgiz, 1962. 87 p. (Biblioteka prakticheskogo vracha)
(DNLM)

SAFONOV, VADIM ANDREEVICH

"Journey into another life, a tale of sea and land" by V Safonov. Reviewed by N Lefkin Oktiabr' 39 no. 6: 218 Je '62

SAGE

Results of sage (Salvia) harvesting by a combine. L. I Aleshina, N. L. Gurvich Mast. zhir. prom 28 no 7 37-38 Jl '62

SAGE--DISEASES AND PESTS

Biology and postembryonic development of the sage thrips Taeniothrips federovi Priesner (Thysanoptera, Thripidae) (with summary in English) N N Debreneva. Ent oboz 41 no 2 322-333 '62.

SAINFOIN--DISEASES AND PESTS see subdivision under Armenia

SAKHALIN--COAL MINES AND MINING--SAFETY MEASURES

Labor safety in the first place N Borychev. Sov shakht 11 no 11 38-40 N '62

SAKHALIN--FISHERIES

Cherniavskii, G. I. [Profitableness of the fishing industry of Sakhalin] Voprosy rentabel'nosti rybnoi promyshlennosti Sakhalina IUzhno-Sakhalinsk, Sakhalinskoe knizhnoe izd-vo, 1960 170 p.

SAKHALIN--GEOLOGY, STRATIGRAPHIC

Holocene stratigraphy of the southern Maritime Territory and Sakhalin, based on data of spore-pollen analysis V. V Solov'ev, G. G Zdanskaia Inform. sbor. VSEGEI no 32 49-59 '62

SAKHALIN--MEDICAL GEOGRAPHY

Geograficheskoe obshchestvo SSSR. Komissiia meditsinskoi geografii Sakhalinskogo otdela. [Nature in Sakhalin and man's health] Priroda Sakhalina i zdorov'e cheloveka, sbornik statei IUzhno-Sakhalinsk, Sakhalinskoe knizhnoe izd-vo, 1962. 181 p.

SAKHALIN--PAPERMAKING MACHINERY--MAINTENANCE AND REPAIR

Rubberizing of the rollers of paper making machinery on Sakhalin. N I Zhuravlev. Bum. prom. 37 no. 10 28 O '62

SAKHALIN--PETROLEUM INDUSTRY

Large scale petroleum industry on Sakhalin N. T. Zabrodotskii Nauka i zhizn' 29 no 5 36-38 My '62.

SAKHALIN PROVINCE see Sakhalin

SAKSAUL--DISEASES AND PESTS see subdivision under Murgab Valley

SAL STEPPE--BEANS--DISEASES AND PESTS

Pests and diseases of forage beans in the Sal Steppe M. G. Mikhailov Zashch. rast. ot vred. i bol. 7 no 3 15 Mr '62

SALAIR REGION--MINING ENGINEERING

Testing a system of sublevel caving with breaking and drawing of the ore in inclined layers. G. P. Shabel'nikov and others Gor. zhur. no. 6,23-24 Je '62

SALASPILS--NUCLEAR REACTORS

A new nuclear reactor. V. IA. Veldre. Vest. AN SSSR 32 no. 11 88-90 N '62.

SALES

Some problems in the legal regulation of sale and purchase. G. M Stepanenko. Sov. gos. i pravo 32 no. 11 77-88 N '62.

SALINE AND ALKALI SOILS

Changes of water-soluble salts in settling loesslike soils under the effect of the seepage waters of canals A. G Razdol'skii Izv. AN Kir. SSR Ser. est. i tekh. nauk 4 no 1,57-81 '62

SALINE WATERS see subdivision under Caspian Sea; Truskavets

SALINE WATERS--DEMINERALIZATION

Improving the quality of water for engine cooling S. I. Metamed. Uch. zap. Mord. gos. un no 13 213-217 '60

SALINITY
(see also subdivision under Pacific Ocean)

Chemical reception in crustaceans. Report No 2: Selective reactions of Gammarus oceanicus Segersrole and G. Lacustris Sars, to water of different salinity A. N Zubov. Trudy MMBI no. 4:274-278 '62.

SALIVA

Determination of α and β agglutinins in saliva O. S Budiakov. Sud.-med. ekspert 5 no. 4,30-32 O-D '62.

Effect of vaccination on the protective properties of children's saliva in relationship to the poliomyelitis virus [with summary in English] M S Ivanova-Sobinova Vop. virus. 7 no 5 544-547 S-O '62.

SALK VACCINE see Poliomyelitis vaccine

SALMONELLA INFECTIONS

Clinical aspects of salmonellosis Breslau (typhimurium) in children. M. N. Bessonova, Z. A. Kaplan, A. N. Dobriak. Zdrav. Bel. 8 no. 7 36-38 Jl '62.

Experimental data on the pathogenesis of salmonelloses; Report No. 2. D. A. Agarunova. Trudy Erev. med. inst. no. 11:163-167 '60.

Outbreak of food toxicoinfection caused by two types of Salmonella. V. I. Balashov and others. Zhur. mikrobiol., epid. i immun. 32 no. 12:114 D '61.

SALSK DISTRICT—COLLECTIVE FARMS—FIRES AND FIRE PREVENTION

The best in the district A Khotsanian Pozh delo 6 no 11 5 N '62

SALT

Effect of dislocations on the distribution of admixed copper in sodium chloride crystals L I Roshchin, I. IA Melik-Gaikazian Fiz. tver. tela 4 no. 8 2261-2263 Ag '62.

Mortars and concretes with an addition of table salt. V. Rizovato., Stroitel' 8 no 10 5-6 O '62.

Polymorphic transition in sodium chloride under pressure [with summary in English] V V Evdokimova, I F. Vereshchagin Zhur eksp i teor fiz 43 no 4 1208-1212 O '62

Some instances of salt transfer. M. P. Chirkin Sbor nauch.-issl rab TTI no 12:241-249 '61

Studying the balance of salt of a land area by G.N. Kamenskii' equation. G. IA. Bogdanov. Trudy Lab. gidrogeol probl. 40 125-130 '62.

Ultrasonic method for observing the behavior of dislocations in NaCl crystals L. G. Merkulov Akust. zhur 8 no. 3:340-343 '62.

SALT DEPOSITS see subdivision under Caucasus

SALT DOMES see subdivision under Caspian Sea region, Dnieper-Donets Lowland, Inder region, Vym' Valley

SALTS

Penetrability of the structure of a cement brick and the penetration of Mg and SO_4^{2-} ions into it T. A. Ragozina, M G Gulliamov Kor teem i mery bor'by s nei no 2 131-145 '62

Substitution of the halogen in azo compounds. Part 5 Effect of the nature of metal. B.I.Stepanov, N.A. Rozanel'skaia, V.F.Traven'. Zhur.ob.khim. 32 no 11 3737-3741 N '62.

SALVAGE (WASTE, ETC)

Drying cabinet for silver-containing slime. Tekh.-ekho i tekhev. 6 no.11 95-96 N '62.

SALVES see Ointments

SAL'YANSKAYA STEPPE—DRAINAGE

Increasing the efficiency of surface drainage of irrigated lands. G.G. Rustamov Gidr i mel. 14 no 10:23-30 O '62.

SAMARIN, ALEKSANDR MIKHAILOVICH, 1902-

A M Samarin's 60th birthday. Stal' 22 no. 9:862-863 S '62

SAMARIUM OXIDE

Observation of the Mossbauer effect in $Sm_2^{149}O_3$ [with summary in English] V P. Alfimenkov Zhur eksp i teor. fiz 42 no 4 1036-1037 Ap '62

SAMARKAND—ANTIQUITIES

Stratigraphic excavation in the western part of ancient Afrasiab M. Pachos. Nauch rab. i soob Otd. obshchestv. nauk AN Uz. SSR 4:282-290 '61.

SAMARKAND—COINS, MOHAMMEDAN

A hoard of copper Khorezm dirhems discovered in Afrasiab in 1959 M. Fedorov Nauch. rab. i soob. Otd. obshchestv. nauk AN Uz. SSR 4:291-297 '61.

SAMARKAND—GLASSWARE

A glass washing set in the collections of the Tashkent Museum. M. Amindzhanova Nauch rab. i soob Otd. obshchestv. nauk AN Uz. SSR 4:305-310 '61.

SAMARKAND—MURAL PAINTING AND DECORATION

Mural painting and decoration of the 19th and early 20th centuries in Samarkand. P. Sh. Zakhidov. Nauch rab. i soob. Otd. obshchestv. nauk AN Uz. SSR 4:318-330 '61.

SAMARKAND—POTTERY, MOHAMMEDAN

Glazed pottery from the late 10th century and early 11th century found in Afrasiab [illegible]

SAMOYEDS

History of the cultural relations between the Entsy and Nganasany based on ornaments. S V. Ivanov Krat soob Inst etn no 37 57-66 '62.

The system of reindeer breeding of the "forest" Entsy and its origin. V I Vasil'ev Krat soob. Inst. etn no 37 67-75 '62.

SAMPLING (STATISTICS)

Modern practice in the sampling study of population. A G Volkov Vop stat i ucheta no. 5 192-227 '61

SAN JOSE SCALE—EXTERMINATION see subdivision under Transcarpathia

SAND—STANDARDS

State standard for building sand. Biul. stroi. tekh. 19 no 11 22-25 N '62

SAND, FOUNDRY

Developing and introducing electronic level indicator signals for foundry sand preparation departments. A S Mekler, A. M Maslennikova, E I Dorofeev Lit proizv no 9 21-22 S '62

Gas-forming properties of molding materials. F. S. IAshin. Lit. proizv no 8:29-31 Ag '62

Some errors of principle in developing new systems of loam distribution. V. S. Shitikov. Lit. proizv. no 8: 44-45 Ag '62.

SAND, FOUNDRY—TESTING

Rapid determination of the moisture of molding and core mixtures N P. Frolov Lit proizv no. 9:42 S '62

SAND AND GRAVEL INDUSTRY see subdivision under Kuznetsk Basin

SAND BARS

Formation of a bar in a small stream. V. V. Romashin Trudy GOIN no. 66:116-120 '62.

SAND-LIME BLOCKS

Liplavkin, A. F., and G. F. Borisenko. [Apartment houses built of silicate blocks without cement] Stroitel'stvo bestsementnykh zhilykh domov iz silikatnykh i armosilikatnykh blokov. Moskva, Gosstroiizdat, 1962. 56 p. (Opyt stroitel'stva v Volgograde)

SAND-LIME PRODUCTS

Production factors which determine the physicomechanical properties of silicate concrete IA M Belkin, P M Zil'berfarb Stroi mat 8 no 10 22-24 O '62

SANDSTONE see subdivision under Talas Ala-Tau

SANITARY ENGINEERING

In the Sanitary Engineering Research Institute. Biul. stroi. tekh 19 no. 11:42-43 N '62.

Samgin, A. N. [Water supply, sewerage and improvement of sanitary conditions in populated places] Vodosnabzhenie, kanalizatsiia i sanitarnaia ochistka naselennykh mest. Moskva, Vysshaia shkola, 1962. 256 p.

Temko, IU. P. [Installation of the sanitary-engineering systems of buildings] Montazh sanitarno-tekhnicheskikh sistem zdanii. Novosibirsk, Novosibirskoe knizhnoe izd-vo, 1962. 165 p. (Bibliotechka molodogo stroitelia)

SAPROPELS—ANALYSIS

Akademiia nauk BSSR, Minsk, Institut torfa. [Chemistry and genesis of peat and sapropels] Khimiia i genezis torfa i sapropelei. Minsk, Izd-vo Akad. nauk BSSR, 1962. 318 p.

SARALY (ORDZHONIKIDZEVSKIY DISTRICT)—TEACHERS

Mariia Gavrilovna Strukova. G. K. Ivanova. Nach. shkola 30 no. 11:31-32 N '62.

SARATOV—APARTMENT HOUSES—MAINTENANCE AND REPAIR

An administration that doesn't administer,' N. Sorokin, Zhil.-kom. khoz. 12 no. 11:17-18 N '62.

SARATOV PROVINCE—IRRIGATION FARMING

lems of the development of irrigation in the ga region. V. S. Dmitriev. Zemledelie 24 O '62.

UNCE—PRODUCE TRADE

Voloiskii. Sov. potreb. koop. 6 no. 7.

TAN)—DUMP TRUCKS

able measures. L. Grossov. Nar. no. 9:69-70 S '62.

eparation of Sarcina lutea on the ument of rabbits. G. P. Kirsanov. s. un. no. 13:186-190 '60.

ea preparations on the growth and de- atory white rats. G. P. Kirsanov. s. un. no. 13:191-198 '60.

o and 6-diethylamino-7-methylpurine formate-C^{14} in nucleic acids [with b]. V. A. Kursanova, IU. S. Gurevich- d. khim. 8 no. 1:38-42 Ja-F '62.

Treatment with sarcolysine of myelomic disease. N. I. Larchenko-Doron. Vrach delo no. 8:142-144 Ag '62

SARMATIANS see subdivision under Black Sea region

SATIRE

Dzyevorin, I. A. [Problem of satire in the aesthetic views of the revolutionary democrats] Problema satiry v revoliutsionno-demokraticheskoi esteticke Kiev, Izd-vo AN USSR, 1962. 237 p.

SAUDI ARABIA—FOREIGN RELATIONS—YEMEN

The throne of King Saud. A. Stupak Nov. vremia 20 no 46:15-16 N '62

SAURY

New plants for canning saury. N. S. Mamontova Ryb. khoz 38 no 5 55-59 '62.

SAUSAGES

Analyzing the structural and mechanical characteristics of meat stuffing prepared with fat emulsion additives A. A. Sokolov, IU. F. Zalas. Izv. vys. uchob. zav. pishch. tekh. no. 1:43-48 '62.

Automatic machine for the production of sausage sticks. I. Fedorov, I. Rogov, A. Gorbatov. Obshcheatv. pit no. 10:52-54 O '62.

Studying the temperature field of the electric resistance heating of stuffing for sausage product. A. J. Vaikutyte Izv. vys. uchob. zav. pishch. tekh. no 4:48-52 '62.

SAWS

Zholtov, E. M. [Gasoline engine saws in forestry] Benzinomotornye pily v lesnom khoziaistve. Moskva, Goslesbumizdat, 1962. 67 p.

SAYAN MOUNTAINS—ALKALIES

Distribution of alkalies in microclines from pegmatites of the Eastern Sayan Mountains [with summary in English]. A. A. Shimanskii, IU. M. Uchakin. Geokhimiia no. 9:833-836 '62.

SAYAN MOUNTAINS—GEOLOGY, STRATIGRAPHIC

Stratigraphy of devonian sediments of the Altai-Sayan Mountain region N. M Petronian, G P Radchenko Trudy VSEGEI 70:9-22 '62

SAYAN MOUNTAINS—MICROCLINE

Distribution of alkalies in microclines from pegmatites of the Eastern Sayan Mountains [with summary in English]. A. A. Shimanskii, IU. A. Uchakin. Geokhimiia no. 9:833-836 '62.

SAYAN MOUNTAINS—PALEOBOTANY

Most important Devonian plants in the Altai-Sayan Mountain region. V G Topekhina, N M Petronian G P Radchenko Trudy VSEGEI 76 81-109 '62

SAYAN MOUNTAINS—PALEOBOTANY, STRATIGRAPHIC

New data on the phytostratigraphy of Devonian sediments in the Altai-Sayan Mountain region P. M Andreeva, N M Petronian, G P Radchenko Trudy VSEGEI 70 23-59 '62

Study of plant remains from Devonian sediments of the Altai-Sayan Mountain region. G P Radchenko Trudy VSEGEI 70 5-8 '62

SCAFFOLDING

Using movable scaffolding when painting tanks. V. M Andrianshkin. Stroi. truboprov. 7 no. 10:21 O '62.

SCALE INSECTS

(see also subdivision under Soviet Central Asia)

Males of the soft scale Coccus hesperidum L. (Homoptera, Coccoidea) [with summary in English] T. N. Bushchik, A. A. Snakina-Baranova. Ent. oboz. 41 no. 2:334-349 '62.

SCALE INSECTS—EXTERMINATION see subdivision under Adzharistan; Ukraine

SCALES (WEIGHING INSTRUMENTS)

Electric scales. G. A. Shminko. Shkola i proizv 6 no. 5:77-81 My '62

SCALES (WEIGHING INSTRUMENTS)—TESTING

Mechanizing scale-checking operations. A A. Kukhar' Izm. tekh. no. 11:30-10 N '62.

SCANDINAVIA—EDUCATION

What problems are the pedagogues of Scandinavian countries working on? E. N. Sokolov. Sov. pedag. 26 no. 8:125-133 Je '62.

SCANDIUM see subdivision under Karelia; Kola Peninsula

SCANDIUM—ANALYSIS

Method for the photocolorimetric determination of scandium in coal ashes. M. P. Belopol'skii, K. K. Gumber, N. P. Popov. Zav. lab. 28 no. 8:921-922 '62.

SCARABAEIDAE see subdivision under Volga Valley

SCATTERING (PHYSICS)

Roshchina, G. P. [Molecular scattering of light in gases] Molekuliarnoe rasseianie sveta v gazakh. [Kiev] Izd-vo Kievskogo univ., 1962. 37 p.

SCHEELITE

Relations between scheelite, wolframite, and sulfides R IU Orlov Dokl AN SSSR 147 no 1 207-209 N '62

SCHIFF BASES

Derivatives of acylacetic esters of the heterocyclic series. Part 4. Synthesis of nicotinoylacetic ester, arylides, and azomethine dyes prepared from them. N. S. Vul'fson, V. L. Kolchin, L. K. Artemchik Zhur. ob. khim 32 no. 12 no. 10 3382-3386 O '62.

Synthesis of β-arylamino ketones and their hydroamine cleavage N S. Kozlov, V D Pak Zhur. ob. khim 32 no. 10 3386-3390 O '62.

SCHIRRA, WALTER MARTY, 1923

Flight of the American astronaut Walter Schirra M F. Rebrov Priroda 51 no 11 113-111 N '62.

SCHIZOPHRENIA

Catamneses of patients with neuroses of obsessive states and psychasthenia [with summary in French] N D. Lakosina, B. A. TSelibeev. Zhur. nevr. i psikh. 61 no. 10:1534-1537 '61.

Clinical electroencephalographic characteristics of a schizophrenic manifestation in its early and defective stages. G. A. Agbalian, S. A Davtian Trudy Erev. med. inst. no. 11:303-309 '60.

Comparative characteristics of the obsessive fear syndrome in some neuroses and schizophrenia [with summary in French] N M Asatiani Zhur. nevr. i psikh. 61 no. 10, 1510-1510 '61.

"Development of the theory of schizophrenia since 1911" [in German] by G. Benedetti and others. Reviewed by I. Galant. Zhur. nevr. i psikh 61 no. 10:1583-1586 '61.

Mazheptil treatment of chronic schizophrenia [with summary in French] R. A Nadzharov Zhur nevr i psikh. 62 no. 6:921-927 '62

Vsesoiuznoe soveshchanie po probleme shizofrenii (Proposed). [Schizophrenia, problems in its nosology, pathogenesis, clinical aspects, and anatomy] Shizofrenia, voprosy nozologii, patogeneza, kliniki i anatomii. Doklady. Moskva, Vses. nauchnoe med. ob-vo nevropatologov i psikhiatrov, 1962. 344 p. (DNLM)

SCHOOL DISCIPLINE

Inculcating discipline in first graders. V. M. Liashchukova. Rad. shk 41 no 11 37-40 N '62.

SCHOOL EXCURSIONS

Eighth All-Russian Rally of Young Tourists I Kurpan. Nar. obr. no 12,75 D '62.

Excursions and walks into the country. I. Nikitin Nar. obr. no 11 38-39 N '62

Tourism and a local geography group. A. Hutaul. Rad. shk. 41 no. 10:95 O '62.

Wonderful trip. Prof.-tekh. obr. 19 no. 10:21 O '62.

Work of laborers in student compositions. K. Lapina Nar. obr no 12 43-46 D '62.

SCHOOL HYGIENE

Some comments on B. M. Grombakh's article, "On medical care for school children." A. Khamidullina. Vop. okh. mat. i det. 7 no. 4:79-72 Ap '62.

SCHOOL HYGIENE—CONGRESSES

All-Union Conference on Medical Care of Adolescents. T. Z. Usuf-Zade. Zdrav. Bel 7 no. 11:69 N '61.

SCHOOL MANAGEMENT AND ORGANIZATION
(see also subdivision under Ukraine)

Seminar on school administration Rad. shk. 41 no. 11:95-96 N '62.

SCHOOL PHYSICIANS

Kozhin, S. P. [Work experience of a school doctor] Iz opyta raboty shkol'nogo vracha. Moskva, Medgiz, 1962. 122 p. (Biblioteka prakticheskogo vracha) (DNLM)

SCHOOL SUPERINTENDENTS AND PRINCIPALS

A soldier always remains soldier. Borys Sylin, Ukraina no. 22:14-15 N '62.

SCHOOL SUPERVISION
(see also subdivision under Kulinskiy District; Perm Province, Taganrog; Tatar A.S.S.R.)

A few words about the principal and supervisor. T. Panfilova. Nar. obr. no 11:84-86 N '62.

For the notebook of a principal and head of a teaching department. Nar. obr. no. 11:40, 54 N '62.

For the notebooks of a principal and head of the teaching department. Nar. obr. no. 12:51, 58, 74 D '62.

Important problems of the theory of school administration. O M Rus'ko Rad shk. 41 no. 11:9-14 N '62.

Pedagogical inspection. M. Sikach. Nar. obr. no. 12: 76-78 D '62.

Rights and responsibilities of the head of the industrial training department. M. I Koba, IU. Z. Hil'bukh. Rad. shk. 41 no. 11:51-54 N '62.

There is no limit to human power if this power comes from the group. A. M. Nizova. Nach. shkola 30 no. 11:17-21 '62.

SCHOOLHOUSES

Estimated costs in school construction. A. Budilovich. Ekon. stroi. no. 11:26-31 N '62.

SCHOOLHOUSES—MAINTENANCE AND REPAIR

Construction and repair brigade V Pitlshkin-Potanich. Shkola i proizv 6 no 5:86-87 My '62

SCHOOLS—FIRLS AND FIRE PREVENTION see subdivision under Ashkhabad

SCHOOLS—FURNITURE, EQUIPMENT, ETC.

Standard equipment for various types of schools Fiz. v shkole 22 no. 2:04-111 Mr-Ap '62

SCIATIC NERVE

Role of hypo- and hyperfunction of the thyroid gland in the regeneration of divided sciatic nerve in the rabbit [with summary in English]. N. P. Krylov, V. A. Odinokova, S. V. Sholokhov. Probl. endok. i gorm 8 no. 4 39-45 Jl-Ag '62.

SCIATICA

Some problems in the clinical aspects and treatment of rheumatic lesions of the peripheral nervous system [with summary in English]. A. A Tumetskite. Sov med 26 no. 7 92-97 Jl '62.

Use of pyrabutol for the treatment of sciatica in miners. A. I. Lazarenko. Sov. med. 26 no 10-109-110 O '62.

SCIENCE

"Reflection of M. V. Lomonosov's scientific works in Russian literature of the 18th and 19th centuries" by IU I. Solov'ev, N N. Ushakova. Reviewed by S. IA Plotkin Priroda 51 no 11 40 N '62

SCIENCE—BIBLIOGRAPHY see Bibliography—Science

SCIENCE—EXPERIMENTS

Refrigerator as a tool for experiments. Evgenii Orlov Nauka i zhizn' 29 no 5 96-97 My '62

SCIENCE—INTERNATIONAL COOPERATION

"International cooperation in using atomic energy for peaceful purposes" by S Malinin, V. Onushkin Reviewed by S. V. Molodtsov. Izv. vys. ucheb. zav., prav. 6 no 3 182-183 '62.

SCIENCE—MISCELLANEA

It appears.... IUn nat. no 10-28 O '62.

SCIENCE—PHILOSOPHY

"Practice as the criterion of scientific truth" Reviewed by B. V. Biriukov, A. D Gotmanova, R. S Karpinskaia Nauch. dokl. vys. shkoly; filos. nauki 5 no 5:155-159 '62

SCIENCE—STUDY AND TEACHING

Successes of astronautics and the formation of students' world outlook I Kozheurov Nar obr no 11 40-42 N '62

SCIENCE AND COMMUNISM see Communism and science

SCIENCE NEWS

Abroad Nauka i zhizn' 29 no 5 86-87 My '62

News, events and facts. Priroda 51 no 11-110-116 N '62

SCIENTIFIC APPARATUS AND INSTRUMENTS

Electron tube self-excitation circuit of a resonant light modulator. A. A. Meier, E. A. Soldatov. Zav. lab. 28 no. 11, 1383-1384 '62.

Exchange of experience. Zav. lab. 28 no. 8 1012 '62.

Exchange of experience. Zav. lab. 28 no. 11-1388-1389 '62.

Rectilinear manipulator and devices for the remote operation with radioactive isotopes. M. A. Veksler. Zav. lab. 28 no. 8:995-996 '62.

SCIENTIFIC APPARATUS AND INSTRUMENTS—EXHIBITIONS

Seminar and exhibition on analytical apparatus. B. M. TSeimakh. Zav. lab. 28 no. 11:1400-1401 '62.

SCIENTISTS

Emel'ianov, V. S. [Responsibility of scientists] Ob otvetstvennosti uchenykh. Moskva, Izd-vo "Znanie," 1962. 37 p. (Novoe v zhizni, nauke, tekhnike. IX Seriia: Fizika i khimiia, no. 21)

SCLERODERMA

Rare case of scleroderma. A. M. Briskman, P. I. Kholodii. Vrach. delo no. 8:139-140 Ag '62.

SCLEROSIS, AMYOTROPHIC LATERAL see Amyotrophic lateral sclerosis

SCLEROTIUM

Charcoal rot of sorgo and corn caused by Sclerotium bataticola (Taub.) M. A. Chumaevskaia Zashch rast. ot vred. i bol. 7 no 5:56 My '62.

SCORPIONS see subdivision under Groznyy

SCOTOMA

Entoptic study of sickle-shaped scotomas in a normal eye [with summary in English]. V. Kadletsova. Vest oft. no. 1:18-20 '62.

SCRAP METAL INDUSTRY see subdivision under Ukraine

SCREW CUTTING

Automatic control of the dimensional adjustment and automatic exchange of cutting tools in cutting internal screw threads A N. Al'tshuller, G M Ryvkin, V. T. Chilikov. Stan. i instr. 33 no 11 22-26 N '62.

Thread cutting on parts made of prehardened steel. IU A. Limakov Vest mashinostr. 42 no 11 57-60 N '62.

SCROLLS, DEAD SEA see Dead Sea scrolls

SCYTHIAN ANTIQUITIES see subdivision under Trostyanka Russkaya region

SEA URCHINS

Nature's variegated world I Akimushkin Sov shakht. 11 no 11 46 N '62.

SEA WATER see subdivision under Bering Strait

SEA WATER—ANALYSIS

Using phenol extraction in studying organic complexes of sea water. B. M. Khailov Okeanologiia 2 no. 5: 835-844 '62.

SEA WATER—THERAPEUTIC USE

Conference on thalassotherapy in the German Democratic Republic H Lachmann Vop. kur., fizioter. i lech. fiz. kul't. 27 no. 2 175-176 Mr-Ap '62.

SEALS (ANIMALS) see subdivision under Tyuleniy Island

SEALS (NUMISMATICS) see subdivision under Torgpets

SEASIDE RESORTS
(see also subdivision under Black Sea)

Should one direct patients with cardiovascular diseases to southern seaside resorts during the hot summer months? N I Speranskii, IA I Danenkov. Vop. kur., fizioter., i lech. fiz. kul't. 27 no. 2 97-102 Mr-Ap '62

SEBACIC ACID see subdivision under Nizhniy Tagil

SECONDARY ELECTRON EMISSION

Second electron emission from magnesium oxide. V. L. Borisov. Fiz. tver. tela 4 no. 8-2253-2257 Ag '62.

Secondary electron emission from antimony chalcogenides V. L. Makedonskii, A. K. Pustovoit. Fiz. tver. tela 4 no. 8 2031-2036 Ag '62.

SECRET POLICE see subdivision under Ukraine

SECRETION

"Telergons" as a means of animals to influence the biotic factors of the surrounding medium. IA. D. Kirshenblat. Vop. ekol. 4-35-36 '62.

SECTS
(see also subdivision under Congo)

Facts reveal. Nauka i rel. 4 no. 10:36 O '62.

Kalugin, V. M. [Contemporary religious sectarianism, its varieties and ideology] Sovremennoe religioznoe sektantstvo, ego raznovidnosti i ideologiia. Moskva, Vysshaia shkola, 1962. 58 p. (Materialy k lektsiiam po filosofii)

SEDATIVES

Sedative therapy of coronary insufficiency. R. P. Stambol'tsian. Trudy Erev. med. inst. no. 11:217-224 '60.

SEED POTATOES
(see also subdivision under Kirovograd Province; Latvia)

Effect of the conditions of vernalization on the yield and seed quality of potato tubers. I. D. Bezpalyi. Agrobiologiia no 5:787-789 S-O '62

Effect of the time of transverse cutting of seed potatoes on the yield and development of potato plants. IU. G. Trinkler. Fiziol. rast. 9 no. 3 366-370 '62.

Growing potatoes on drained peat soils as a reliable method for improving their seed qualities. S. N. Karmanov. Agrobiologiia no. 5:789-790 S-O '62

SEED PRODUCTION

Effect of transplantation dates and space arrangement on the yield of biennial vegetable seeds [in Armenian with summary in Russian]. A. E. Ovsepian. Izv. upr. sel'khoz. nauki Arm. SSR 1 no. 10:33-37 '61.

Fruiting of spruce stands. S. P. Uskov. Trudy Inst. lesa i drev. 53 3-24 '62.

Organization of the vegetable seed production for the canning industry N. M. Rybka, N. S Kosintsev. Kons i ov. prom 17 no 11:30-32 N '62

SEEDS

"Weed seeds" by V. N. Dobrokhotov. Reviewed by M. M. Kuleshov Visnyk sil'hosp nauky 5 no 6-123 Je '62

SEEDS—ANATOMY

Evolution of the anatomical structures of seeds in the gourd family. V N Solfer. Biul. MOIP. Otd. biol. 67 no 3:147 My-Je '62.

SEEDS—DISINFECTION
(see also subdivision under Kazakhstan; Stavropol Territory; Tatar A.S.S.R.)

Disinfecting the seeds of forest species. A. A. Pristazhniuk. Zashch. rast. ot vred. i bol. 7 no 5:30-31 My '62.

SEEDS — DISINFECTION (Continued)

Is it necessary to fumigate slightly infected pea seeds? V S Ishchenko, Zashch rast ot vred i bol, 7 no 3 36 Mr '62

Preparation and use of disinfectants with indicators. M A Fedchenko, Z A Bochkareva Zashch rast ot vred i bol, 7 no 3 42-43 Mr '62.

Safety measures in disinfecting, transporting, and sowing seeds Zashch rast ot vred i bol, 7 no 3 40 Mr '62

Treating seed corn before sowing with combined preparations N S Karavianskii Zashch rast ot vred i bol 4 no 6 42 N-D '59

SEEDS—GRADING

Selecting the large fraction of seeds increases the yield. A A Bondarev Zemledelie 24 no 6 87-88 Je '62

SEEDS—STORAGE

Interfarm building organizations build storehouses for seeds N Kotel'nikov Sel' stroi no 8 6 Ag '62

SEEPAGE

Methods of determining the seepage factor of loesslike soils L G Malikova Vest Mosk un Ser 4 Geol 17 no 5 66-67 S-O '62

SEIGE, 1845-1855 see subdivision under Sevastopol

SEIGNETTOELECTRIC SUBSTANCES see Ferroelectric substances

SEISMIC PROSPECTING

(see also subdivision under Asia, Central, Kuban Lowland)

Detailed seismic studies of salt domes in the Dnieper-Donets Lowland IU B Demidenko, E P Puzdrovskii Razved i prom geofiz no. 45 3-16 '62

Determination of the average velocity from combination hodographs G IA. Rabinovich Razved i prom. geofiz. no 45 42-47 '62

"Flat front" method, V. P. Nomokonov. Izv. vys. ucheb. zav. ; geol i razv 5 no. 8 107-113 Ag '62.

Nomograms for determining values which are functions of three variables, one of which is connected with a linearly dependent function V N Nikitin Razved i prom geofiz no. 45 48-50 '62.

Use of the apparent velocity for determining the effective velocity from hodographs of reflected waves B. A Veitsman Razved i prom geofiz. no 45 17-35 '62.

SEISMIC PROSPECTING—EQUIPMENT AND SUPPLIES

Polshkov, M. K. [Basic problems concerning seismic prospecting apparatus, transient processes and resolving power] Osnovnye voprosy seismorazvedochnoi apparatury, ustanavlivaiushchiesia protsessy, razreshaiushchaia sposobnost', Moskva, Gostoptekhizdat, 1962, 335 p.

SEISMIC WAVES

Change in the seismic wave velocities in the area of the formation of the earthquake focus G. I. Gurevich. Trudy Inst fiz Zem no. 25 151-166 '62.

Detailed study of the seismic characteristics of soils in situ. A V Nikolaev. Trudy Inst. fiz Zem, no 25 157-210 '62

Dynamic characteristics of body waves. A. A. Zhigal'tsev Trudy Inst fiz. Zem. no. 25 325-338 '62.

Elements of the theory of the interference method of controlled waves which are given as functions of random variables S. A. Nakhamkin Izv. AN SSSR Ser geofiz no. 11;1540-1551 N '62.

Estimation of the absorption of longitudinal and transverse waves in the earth's crust based on observations above local earthquakes. V. I Khalturin, N. B Urusova. Trudy Inst fiz. Zem no. 25 101-129 '62.

Some results of a study of a change in the velocity of longitudinal waves and the relation of the velocities of longitudinal and transverse waves in the focal zone. A M. Kondratenko, I. L. Nersesov. Trudy Inst. fiz Zem no. 25 130-150 '62

Some results of observations of microseisms using a polarized apparatus and a three-point station E M Lin'kov, V. P. Tripol'nikov. Izv. AN SSSR. Ser. geofiz. no. 11;1582-1586 N '62.

SEISMIC WAVES—SPECTRA

Relation between the spectra of surface waves and the depth of the source in the earth's core V. I. Keilis-Borok, T. B. IAnovskaia Izv. AN SSSR. Ser geofiz no. 11;1532-1530 N '62

SEISMOLOGY

(see also subdivision under Dushanbe region, Pacific Ocean; Tien Shan)

Existence of a predominant period of earth vibrations during an earthquake [with summary in English]. L. A. Skorik. Trudy Inst. seism. stroi. i seism. 9;137-151 '61.

Methods of interpreting shallow earthquakes. S. S. Andreev. Trudy Inst. fiz. Zem. no. 25;226-311 '62.

Relation between the dominant frequencies in blasting and the size of the charge. I. L Nersesov, A. V. Nikolaev. Trudy Inst, fiz. Zem, no. 25;95-100 '62.

Relationship between the seismic magnitude and the seismotectonic features of the area of observation. I. P Pasechnik. Izv. AN SSSR. Ser. geofiz. no. 11;1502-1513 N '62.

SEISMOLOGY—ELECTRIC EQUIPMENT

Semiautomatic means of constructing seismic time sections I IA Zhuk, N P Lukianov Razved. i prom geofiz no 45,51-60 '62

Three-component shot-hole seismic recorder IU V. Demidenko, P A Zel'tsman. Razved i prom geofiz no, 45;61-63 '62.

SEISMOMETERS

Automatic seismic station with an intermediate magnetic recorder, G I. Aksenovich, B. A. Serdiī Trudy Inst. fiz. Zem no. 25 16-29 '62

Calibration and control of seismic stations by the electrodynamic method M A. Gostev Trudy Inst fiz Zem no. 25 30-43 '62.

Optical control of the sensitivity of seismographs. O. K. Skikevych. Kat. karp. zemletrus, no. 5 47-51 '59.

Some auxiliary devices for seismic stations of the Complex Seismologic Expedition G. I Aksenovich, B A Serdiī Trudy Inst. fiz. Zem. no. 25 50-63 '62

SEISMOMETRY

(see also subdivision under Carpathian Mountains)

Comparison of the average spectra at various stations for deep and shallow earthquakes from data of frequency selective seismic stations. A A Zhigal'tsev Trudy Inst fiz Zem, no. 25 77-87 '62.

Comparison of the dynamic features of recordings of weak earthquakes and the nature of the ground. P. N. Sedova. Trudy Inst fiz Zem. no 25 211-225 '62.

Method of determining the moments of arrival of seismic waves using auxiliary radio signals. O. K. Skikevych. Kat. karp. zemletrus, no. 5;41-46 '59.

Methodology of estimating the spectral composition of seismic oscillations based on recordings of frequency selective seismic stations. V. I. Khalturin. Trudy Inst. fiz Zem no. 25 64-76 '62.

Possibilities of calculating maximum earthquake intensities. IU. V. Riznichenko. Trudy Inst fiz. Zem. no. 25 5-15 '62.

Principle of calculating the energy density by the method of approximating seismograms with line segments of sinusoids. T G. Rautian, L. S Samoilova. Trudy Inst. fiz. Zem. no 25-88-94 '62

SEISMOMETRY—EQUIPMENT AND SUPPLIES

Circuits of signaling devices on transistors. G. G. Krainiuk. Kat. karp. zemletrus. no. 5 52-56 '59.

SEISMOMETRY—OBSERVATIONS

Seismoacoustic activities of coal seams serving as indices of gas and coal outburst danger. V. S. Ivanov, L. G. Mysina. Ugol' Uki. 6 no. 8 14-15 Ag '62.

SELENIUM—ANALYSIS

Determination of impurities in selenium. N. P. Strel'nikova, G. G. Lystsova, G. S. Dolgorukova. Zav. lab. 28 no. 11 1319-1321 '62.

SELENIUM—ELECTROMETALLURGY

Effect of ultrasound on the process of contact reduction of selenium from aqueous solutions. IU. N. Menzhulin, E. I. Ponomareva. Trudy inst. met. i obog. AN Kazakh. SSR 5;21-28 '62.

Separating selenium from aqueous solutions by contact reduction. IU. N. Menzhulin, E. I. Ponomareva. Trudy Inst. met. i obog. AN Kazakh. SSR 5;19-23 '62.

SELENIUM—ISOTOPES

Angular distributions of gamma radiation emitted in the discharge of the first excited levels of Tl^{47} nuclei and the 246 kev level of Se^{77}. G M Gusinskii, I Kh Lemberg, Z. Treibal. Izv. AN SSSR. Ser fiz 26 no 8;1014-1018 Ag '62.

SELENIUM—METALLURGY

Conditions for the formation of selenite and sodium selenate during the sintering of silver selenide with soda ash, A. A Tishchenko, V. I Smirnov. Izv vys. ucheb. zav., tsvet. met 5 no 3 49-52 '62.

SELENOPHENE

Chemistry of selenophene. Part 39. Condensation reactions of 2-chloromethylselenophene. IU. K. IUr'ev, M. A Gal'bershtam. Zhur. ob. khim. 32 no. 10;3249-3252 O '62.

Chemistry of selenophene. Part 40; β-Diketones of the selenophene series. IU. K. IUr'ev, N. N. Magdesieva, V. V. Titov. Zhur ob khim. 32 no. 10 3252-3255 O '62.

Selenophene chemistry. Part 41; Reaction of 2-chloromethylselenophene with amino alcohols. IU. K. IUr'ev, M. A. Gal'bershtam, G. G. Rozantsev. Zhur. ob. khim. 32 no. 11;3562-3567 N '62.

SELENOPHENOL

Reactions of selenols with acetylene derivatives. Part 1; Reactions of selenophenol with 1-hexyne, phenylacetylen, diphenylacetylene, and 2-methyl-5-ethynylpyridine. E. G. Kataev, V. N. Petrov. Zhur. ob. khim. 32 no. 11;3699-3703 N '62.

SELF-GOVERNMENT (IN EDUCATION)

For unified school self-government. V. Predein. Nar. obr. no. 11;60-63 N '62.

SEMANTICS

Gnoseology of pragmatism and the theory of linguistic symbols. I. O. Reznikov. Nauch. dokl. vys. shkoly; filos nauki 5 no. 5;66-73 '62.

Linguistic symbols as a gnoseological problem; a critical evaluation of the idealistic theory of symbols in present-day linguistics. U. Albrecht Nauch. dokl. vys. shkoly; filos nauki 5 no. 5;50-65 '62

SEMEN

Fundamental causes of seasonal variation in the quantity and quality of the semen of bulls and buffaloes in Azerbaijan I. B Bashirov Zhivotnovodstvo 24 no 2 71-77 F '62

SEMEN—PRESERVATION

(see also subdivision under Poltava Province)

Preservation and use of bull and ram semen in a frozen state I. B Mamedaliadze and others Zhivotnovodstvo 22 no. 2 77-8 F '60

SEMENAROV, GEORGII, 1888-

Georgii Semenarov, a Bulgarian who was a member of the Bolshevik Party. I. P Shevchenko. Ukr. ist. zhur. 6 no 5;73-78 S-O '62.

SEMENOV, IULIAN SEMENOVICH, 1931-

"While performing official duties", a tale by Iulian Semenov Reviewed by V Vasil'ev Oktiabr' 39 no 6; 218-219 Je '62

SEMICARBAZONES

Derivatives of furan Report No. 20. Some thiosemicarbazones and semicarbazones of the furan series as possible antituberculosis drugs. A. L. Mndzhoian and others. Izv. AN Arm. SSR. Khim. nauki 15 no. 3 301-307 '62.

SEMICONDUCTOR DEVICES see Transistors

SEMICONDUCTORS

Combined resonance in semiconductors with inversion centers. I. I. Bolko. Fiz. tver. tela 4 no. 8;2128-2136 Ag '62.

Concerning some applications of galvano-magnetic effects in semiconductors [with summary in English]. M. E. Mnatsov. Avtom i telem. 23 no. 10,1352-1361 O '62.

Contribution to the theory of quantum effects in the electrical conductivity of semiconductor films. V. M Samsonenskii Radiotekh. i elektron 7 no. 11 1971-1972 N '62.

Effects of piezoresistance in PbS-PbTe type crystals. G. N. Pikus, G. L. Bir. Fiz. tver. tela 4 no. 8;2090-2100 '62.

Kinetic aspects of cyclotron resonance in semiconductors. G. M. Genkin. Fiz. tver. tela 4 no. 8;2116-2122 Ag '62

Pasynkov, V. V., G. A. Savel'ev, and L. K. Chirkin. [Nonlinear semiconductor resistances and their uses] Nelineinye poluprovodnikovye soprotivleniia i ikh primenenie. Leningrad, Sudpromgiz, 1962. 211 p.

Semiconductor devices in hydrobiological research. I. P. Lubimov. Vop. ekol. 1;125-128 '62.

Semiconductors in technology and home economics. S. Isaakian. Prom. Arm. 5 no. 10;68-69 O '62.

Theory of nonlinear magnetogalvanic effects in semiconductors [with summary in English]. R. F. Kazarinov, V. G. Skobov. Zhur. eksp. i teor. fiz. 42 no. 5;1047-1057 Ap '62.

SEMICONDUCTORS—CONGRESSES

Surface phenomena on semiconductors (Second All-Union Conference on Photoelectric and Optical Phenomena in Semiconductors). G. A. Korsunovskii. Kiev, Kat. 3 no. 2;296-298 Mr-Ap '62

SEMICONDUCTORS—SPECTRA

Effect of iodine and germanium admixtures on the spectral distribution of the internal photoeffect of ginsulike $TlAsSe_2$. A. M. Andrieuh, R. T. Kolomiets, T. P. Nazarova. Fiz. tver. tela 4 no. 8;2288-2288 Ag '62.

Energy structure of compound semiconductors. Spectrum of holes in compounds of a wurtzite type structure. F. M. Gashimzade. Fiz. tver. tela 4 no. 8;2059-2064 '62.

SEMICONDUCTORS—THERMAL PROPERTIES

Effect of heat removal through the ends of an ingot on the results of zonal smelting [with summary in English] L. G. Zabelina and others. Inzh.-fiz. zhur. 5 no. 8;81-83 Ag '62.

SEMILUKI—REFRACTORIES INDUSTRY

Semiluki Refractories Plant. V. M. Kulagin. Ogneupory 27 no. 11;509-511 '62.

SEMIPALATINSK—LEATHER WORKERS—DISEASES AND HYGIENE

Morbidity due to dermatoses in the Semipalatinsk Leather Combine; preliminary report. A. P. Vashchenkova, S. IA. Sergeev. Zdrav. Kazakh. 22 no. 6;28-30 '62.

SEMIPALATINSK—TRAUMATISM

Everyday accidents among the adult population of Semipalatinsk. B. Kinbizhanov. Zdrav. Kazakh. 22 no. 6; 10-13 '62.

SEMIPALATINSK PROVINCE—CONSTRUCTION INDUSTRY—FINANCE

Funds are used incorrectly A. Sedel'nikov. Nar. khoz. Kazakh. 20 no. 9 31-33 S '62.

SEMIPALATINSK PROVINCE—THYROID GLAND

State of the thyroid gland among the population of the Kokpekty, Zharminskiy and Aksuat Districts of Semipalatinsk Province. M. D. Arslanov. Zdrav. Kazakh. 22 no 6 21-23 '62.

SENECIC ACID

Structure and interrelation between senecic and epoxyjaconecic acids N. I. Korotskaia, A. V. Danilova, L. M. Utkin. Zhur. ob. khim. 32 no. 11 3823-3827 N '62

SENSE ORGANS—FISHES

Role of chemical sensitivity in the schooling behavior of Phoxinus phoxinus L. G. A. Multukina. Biul. MOIP Otd. biol. 67 no. 3, 148 My-Je '62.

Role of the sense organs of fishes in their search for food. M. P. Aronov. Usp. sovr. biol. 54 no. 1 115-128 Il-Ag '62

Some data on the sense of smell of the rockling Gaidropsarus mediterraneus (L.) and its role in finding food. D. S. Pavlov. Vop. ikht. 2 no. 2 361-366 '62.

SENSE ORGANS—INSECTS

Chemoreception of insects and repellents. III. A. Blagovolov. Usp. sovr. biol. 54 no. 1 102-114 Jl-Ag '62

SENSES AND SENSATION

Function of the tactile and pain analyser in brucellosis. E. A. Khaitushev. Trudy Inst. krayev. pat. AN Kazakh. SSR 12:110-116 '62.

Orlov, V. V. [Characteristics of sensory perception] Osobennosti chuvstvennogo poznaniia. Perm', Permskoe knizhnoe izd-vo, 1962. 218 p.

SEPARATORS (MACHINES)

Device for a continuous removal of dust from a cyclone cone. G. A. Koba. Masl. zhir. prom. 28 no. 7, 41-42 Jl '62.

Iron separator for removing ferromagnetic objects from ore or coal flow. A. I. Grishechkin. Biul. tekh.-ekon. inform. Gos. nauch.-issl. inst. nauch. i tekh. inform. no. 11:30-32 '62.

Methodology of the technological design of a hydrocyclone for classifying arenaceous-argillaceous pulp. V. I. Revnivtsev, V. V. Klinchin, I. A. Kakovskii. Izv. vys. ucheb. zav., gor. zhur. 5 no. 8 157-164 '62.

Methods and instrument for taking fluid samples from the rotors of centrifuges and separators. N. N. Lipatov. Izv. vys. ucheb. zav.; pishch. tekh. no. 4:164-166 '62

Optimum thickness of the product layer in a tubular centrifuge for the centrifugation of bacteria. V. D. Surikov, G. G. Shmidt. Izv. vys. ucheb. zav.; pishch. tekh. no. 4: 124-127 '62.

SEPTICEMIA

Daily postoperative septicemia in urology [with summary in English]. T. Burghele. Urologia no. 1:35-40 '62

SERBO-TURKISH WAR, 1876

Serbo-Turkish War of 1876 and Ukrainian public opinion. H. D. Desnitan. Ukr. ist. zhur. 6 no. 5 79-82 S-O '62

SERICULTURE see subdivision under Azerbaijan, Kiev Province; Uzbekistan

SERIES

Representation of functions of nonquasi-analytic classes. G. V. Badalian. Izv. AN Arm. SSR. Ser. fiz.-mat. nauk 15 no. 5:3-9 '62.

SERIES, DIRICHLET'S

On the overconvergence of certain series. G. L. Lunts. Izv. AN Arm. SSR. Ser. fiz.-mat. nauk 15 no. 5 11-26 '62.

SERIES, FOURIER see Fourier series

SERIES, TAYLOR'S

On the overconvergence of certain series. G. L. Lunts. Izv. AN Arm. SSR. Ser. fiz.-mat. nauk 15 no. 5:11-26 '62.

SERINE

Reaction of diazoacetic ester with trimethylvinylsilane catalyzed by copper sulfate. I. A. D'iakonov, G. V. Golodnikov, I. B. Repinskaia. Zhur. ob. khim. 32 no. 10:3450-3451 O '62.

Serine as the element of the active center in some enzymes. N. P. Lisovskaia. Usp. sovr. biol. 54 no. 1 25-43 Jl-Ag '62

SEROTONIN

Effect of serotonin and some indole derivatives on the local anesthetic activity of cocaine, novocaine, dicaine and sovcaine. A. S. Zakharevskii. Zdrav. Bel. 8 no. 2:39-44 F '62.

SERPENTINE

Studies of the composition of serpentines by the method of comparative birefringence dispersion. E. V. Burikov. Vest. Mosk. un. Ser. 4:Geol. 17 no. 5:68-69 S-O '62.

SERPENTS see subdivision under Tajikistan

SERVICE INDUSTRIES see subdivision under Radomyshl' District

SERVICE STATIONS

Keller, A. A., Sh. M. Rabei, and I. B. Plitman. [Operator of an automobile service station] Operator avtozapravochnoi stantsii. Moskva, Gostoptekhizdat, 1962. 137 p.

SERUM

Capacity of anti-P heteroimmune sera to detect agglutinogen P in preserved and nonpreserved blood kept in a liquid state at various temperatures. M. V. Mishakova. Sud.-med. ekspert. 5 no. 1 33-37 O-D '62

Development of pyrogenic properties in bacterially contaminated sera depending on the temperature regime. N. D. Lisovskaia. Trudy TashNIIVS 6,89-92 '61

Effect of normal human sera on metabolism in the cells of Ehrlich's ascites carcinoma [with summary in English]. V. I. Agol, V. G. Znatovskii. Biokhimiia 27 no. 4 581-586 Jl-Ag '62

Effect of organ specific sera on the localization of Brown-Pearce tumor metastases [with summary in English]. I. N. Maiskii, L. L. Khundanova. Biul. eksp. biol. i med. 54 no. 7:77-79 Jl '62.

Obtaining dry easily soluble therapeutic sera prepared by the "Diaferm-III" method, report No. 1. N. I. Sinitashin, V. P. Fedorchuk, A. N. Akubova. Trudy TashNIIVS 6:71-74 '61

Some co-enzymes of respiration and glycolysis in tumor cells treated with antisera [with summary in English]. V. I. Agol, E. A. Vladimirtseva. Vop. med. khim. 8 no. 1:64-67 Ja-F '62

Study of the organ specific antigenic properities of the human brain using sera containing isoimmune antibodies to the brain [with summary in English]. N. I. Kuznetsova, N. N. Popova. Biul. eksp. biol. i med. 54 no. 7: 62-66 Jl '62.

Study of the protein fraction of an antidotal serum against Vipera lebetina poison. B. A. Vasiliev. Trudy TashNIIVS 6 33-41 '61

SERUM—BIBLIOGRAPHY see Bibliography—Serum

SERUM—MAGNETIC PROPERTIES

Specific magnetic susceptibility of the blood serum and cerebrospinal fluid. P. A. Sel'kov, P. A. Sokolova, I. V. Kalinina. Biofizika 7 no. 4:483-486 '62.

SERUM—STERILIZATION

Reactor method of sterilizing a physiological solution. V. B. Alferova and others. Trudy TashNIIVS 6:57-59 '61.

SERUM DIAGNOSIS

Production and use of specific precipitating animal serum for detecting Rh antibodies in human blood. R. M. Pazevskaia. Probl. gemat. i perel. krovi no. 11:38-41 '62.

SERUM SICKNESS

Clinical aspects and pathogenesis of serum sickness of the nervous system. I. L. Sosnovik. Zdrav. Bel. 8 no. 7 29-31 Jl '62.

SERVOMECHANISMS

Establishment of astatism in servosystems with variable structure [with summary in English]. S. V. Emel'ianov, A. I. Fedotova. Avtom. i telem. 23 no. 10:1298-1312 O '62.

Problems concerning the theory of inductive angular position transducers with printed windings [with summary in English]. L. N. Safonov. Avtom. i telem. 23 no. 10:1334-1342 O '62.

Servo system for directing an electrode along a seam [with summary in English]. P. I. Dekhtiarenko. Avtomatyka 7 no. 5:35-42 '62.

SESAME—DRYING

Aerodynamics of sesame drying in a boiling bed. S. A. Machikhin, A. P. Rysin. Khleb i kond. prom. 6 no. 11: 18-21 N '62.

SESQUITERPENES

Reactions of chlorine-containing telomers of dienic hydrocarbons. Part 10. Preparation of farnesol from the sesquiterpene fraction of isoprene telomers with its hydrochlorides. E. Iu. Shvarts, A. A. Petrov. Zhur. ob. khim. 32 no. 10 3278-3280 O '62

SEVAN, LAKE—PETROLOGY

Sarkisian, S. G. [Petrographic and mineralogic studies of the Lake Sevan basin] Petrografo-mineralogicheskie issledovaniia basseina ozera Sevan. Erevan, Izd-vo Akad. nauk Armianskoi SSR, 1962. 152 p.

SEVAN LAKE REGION—POWER ENGINEERING

Akademiia nauk Armianskoi SSR, Erivan. Institut vodnykh problem. [Results of the combined studies of the Sevan problem] Rezul'taty kompleksnykh issledovanii po Sevanskoi probleme. Erevan, Izd-vo Akad. nauk Armianskoi SSR.

Vol. 3. [Water resources and power engineering] Vodnoe khoziaistvo i energetika. 1962. 330 p.

SEVAN LAKE REGION—WATER RESOURCES DEVELOPMENT

Akademiia nauk Armianskoi SSR, Erivan. Institut vodnykh problem. [Results of the combined studies of the Sevan problem] Rezul'taty kompleksnykh issledovanii po Sevanskoi probleme. Erevan, Izd-vo Akad. nauk Armianskoi SSR

Vol. 3. [Water resources and power engineering] Vodnoe khoziaistvo i energetika. 1962. 330 p.

SEVASTOPOL—NAVAL EDUCATION

The 25th anniversary of the P. S. Nakhimov Naval School of the Black Sea region. Voen.-ist. zhur. 4 no. 11 126-127 N '62

SEVASTOPOL—POLITICS AND GOVERNMENT

Pashkov, V. I. [For the "city of communist labor."] Za gorod kommunisticheskogo truda. Simferopol', Krymizdat, 1962. 84 p.

SEVASTOPOL—SIEGE, 1854-1855

Rosseikin, B. M. [The panorama painting "Siege of Sevastopol."] Panorama "Oborona Sevastopolia." [Gos. izd-vo izobraz. iskus. i muzykal'noi lit-ry USSR, 1961. [6] p. illus.

SEVASTOPOL—SIEGE, 1942—MEDICAL AND SANITARY AFFAIRS

Organization of surgical aid for the wounded in Sevastopol during the Great Patriotic War, on the 20th anniversary of the defense of the city against the fascist invaders. A. P. Ivanov. Klin. khir. no. 8 67-69 Jl '62

SEVIN

Sevin as an effective substitute for DDT. M. A. Gontarenko. Zashch. rast. ot vred. i bol. 7 no. 7 32 Jl '62

SEWAGE—MICROBIOLOGY see subdivision under Moscow region

SEWAGE—PURIFICATION

Experiments in the purification of sewage waters by the method of absorption chromatography. A. Kh. Arutiunian, A. M. Shakhbazian. Trudy Erev. med. inst. no. 18 169-172 '60

Purification of waste waters of the manufacture of copper 2, 4, 5-trichlorophenolate. R. M. Bekher. Khim. prom. no. 6 462-463 Je '62

SEWAGE IRRIGATION

Kanardov, I. P. [Sewage irrigation] Oroshenie stochnymi vodami. [Moskva] Mosk. rabochii, 1962. 39 p. (V pomoshch' meliboratoru)

SEWERAGE

Shifrin, S. M., R. N. Zel'dovich, and P. M. Danilov. [The economics of water supply and sewerage management and construction] Ekonomika vodoprovodno-kanalizatsionnogo khoziaistva i stroitel'stva. Pod obshchei red. S. M. Shifrina. Moskva, Izd-vo M-va kommun. khoz. RSFSR, 1962. 357 p.

SEWERAGE—STANDARDS

"Sewerage. Standards of design." Biul. stroi. tekh. 19 no. 11 15-17 N '62.

SEWERAGE, RURAL

Local sewage purification structures for residential and public buildings in villages. S. Kolobanov. Sil'. bud. 12 no. 9:15-18 S '62.

Simplified water-supply and sewerage structures. Iu. Vernikovskii. Sel'. stroi. no. 8:18 Ag '62

SEWING MACHINES see subdivision under Tula

SEX (BIOLOGY)

Physiological and biochemical basis of the formation of sex in animals. V. N. Shreder. Zhivotnovodstvo 22 no. 2 66-71 F '60

Problem of detecting sex dimorphism in ducks by hematologic indices. M. Iu. Pylypenko. Nauk. pratsi Ukr. nauk.-dosl. inst. ptakh. 9 no. 1:101-103 '61.

SEX ORGANS see Generative organs

SHADRINSK—HISTORY

"Shadrinskii rabochii," gazeta. [Shadrinsk during the 40 years of Soviet rule; collected articles and reminiscences] Shadrinsk za 40 let Sovetskoi vlasti; sbornik statei i vospominanii. [Shadrinsk] 1957. 186 p.

SHAFT SINKING see subdivision under South Africa, Republic of

SHAFTING

Introducing the system of shaft line repair sizes on motorships with 3D6 engines. V. Barannikov. Rech. transp. 21 no. 11 25-27 N '62

SHAFTING—VIBRATION

Determining natural frequencies of a shaft with a disk. V. A. Popov, K. E. Solopova, P. P. Ushkov. Izv. vys. ucheb. zav.; mashinostr. no. 6:71-77 '62.

Forced vibrations in a system having a periodically varying inertia moment. G. I. Kolladin. Izv. vys. ucheb. zav., mashinostr. no. 6 78-83 '62.

SHAKHNAZAROV, ALEKSANDR BAGRATOVICH, 1902-
Aleksandr Bagratovich Shakhnazarov; on his 60th birthday. Vrach delo no. 8 152-153 Ag '62.

SHAKHOVSKOI, ALEKSANDR ALEKSANDROVICH, 1777-1846
"Comedies. Verse." by A. A Shakhovskoi Reviewed by A. Al'tshuller Vop. lit. 6 no. 8:230-231 Ag '62

SHAKHTY—RETAIL TRADE
Service is improving M Mamichev Sov torg 35 no 7:45 Jl '62

SHALIAPIN, FEDOR IVANOVICH, 1873-1938
F Shaliapin in the parts of Olofern and Salieri S Iudin Sov muz 26 no 9 78-81 S '62

SHAMOV, VLADIMIR NIKOLAEVICH, 1882-1962
Obituary. Sov. med. 26 no 10 156-157 O '62
Vladimir Nikolaevich Shamov, obituary Vest. khir. no 5:156-157 '62

SHAPORIN, IURII ALEKSANDROVICH, 1887-
" Opera composer, Russian " Ivan Petrov Ogonek 40 no 45 26 N '62

SHAUMIAN, STEPAN GEORGIEVICH, 1878-1918
S.G. Shaumian's unknown works. G.A. Arutiunov. Izv. AN Arm. SSR. Obshchestv. nauki no. 10 51-60 O '62.

SHCHEGLIAEV, ANDREI VLADIMIROVICH, 1902-
Andrei Vladimirovich Shcheglíaev, on his 60th birthday. Izv. AN SSSR Otd. tekh. nauk Energ i avtom. no. 5 197-199 S-O '62.

SHCHEPETNOV, SERGEI PROKOF'EVICH, d. 1919
Heroic comissars of the Far East teachers G Masalov. Nar obr no 11 96-100 N '62

SHCHERBAKIVS'KYI, DANYLO MYKHAILOVYCH, 1877-1927
D M. Shcherbakivs'kyi, on the 85th anniversary of his birth V O Sydorenko Ukr ist zhur 6 no 5 146 S-O '62

SHEAR (MECHANICS)
Annular device for studying the creep and long-term shear strength of clay soils by the twisting method. S.R. Meschian. Izv AN Arm.SSR. Ser. fiz.-mat. nauk 15 no.5 119-131 '62.
Relationship between the limit of shearing strength and the hardness of steel. V.I. Egiz. Zav. lab. 28 no. 8 978-981 '62.
Testing of wood for pure shearing across grains. V.V. Tuluzakov. Zav. lab. 28 no. 8 987-990 '62.

SHEEP see subdivision under Buryat-Mongolia, Kazakhstan

SHEEP—DISEASES AND PESTS
Effect of the purulent synovitis on the absorptive function of the reticulo-endothelial system in sheep [in Armenian with summary in Russian]. Izv upr sel'khoz nauki Arm. SSR 4 no. 10 93-95 '61.

SHEEP—FEEDING AND FEEDS see subdivision under *Ukraine*

SHEEP—PHYSIOLOGY
(see also subdivision under Kazakhstan)
Effect of physiological factors on the speed of blood circulation in sheep. I.M. Sarafkin. Zhivotnovodstvo 23 no. 2 76-77 F '61.
Iodine content of soils, feeds, and drinking water and its metabolism in the sheep organism M I Gustun Zhivotnovodstvo 22 no 2 88-89 F '60

SHEEP—WATERING see subdivision under Kazakhstan

SHEEP BREEDING
(see also subdivision under Rostov Province, *Ukraine*)
Four hundred lambs from one hundred ewes in two years. B P. Ovchinnikov Zhivotnovodstvo 23 no. 2:51-52 F

y

SHEET METAL—TESTING
Hydraulic method of testing the stampability of sheet metals. B.A. Shcheglov. Kuz.-shtam. proizv. 4 no. 11:12-14 N '62.

SHEET METAL—WELDING
Resistance spot welding of copper G.I. Zlobin Avtom svar. 15 no. 10-63-65 O '62.

SHEET STEEL
Determining power parameters of a two-stand cold rolling mill and the effect of cold-rolling conditions on the strength properties of sheet steel. V.A. Paloshkin, V.Kh. Fatzullin, E.V. Shubin. Sbor. trud. TSNIICHM no. 28, 62-73 '62.
Importance of cold rolling in the production of hot-tinned *sheet steel*. P.I. Grudev. Sbor. trud. TSNIICHM no. 28; 55-61 '62.
Investigating the rapid annealing of cold-rolled sheet steel. TS.N. Rafalovich, V.K. Babich. Sbor. trud. TSNIICHM no. 28, 40-48 '62.
Investigating two-stage rapid annealing of sheet steel. TS.N. Rafalovich. Sbor trud. TSNIICHM no. 28 19-54 '62.
Pilot plant equipment for the rapid lacquering of black steel strip. V.A Shumnaia. Sbor. trud TSNIICHM no. 28 212-223 '62.
Tinning of cold-rolled sheet steel in sulfuric acid solutions using a reverse current. A.N. Kruglov, V.P. Kochergin. Sbor. trud. TSNIICHM no 28 101-108 '62.

SHEET STEEL—METALLOGRAPHY
Investigating the structure and phase constitution of the transition layer of sheet steel tinned by various methods. G.A. Kokorin, A.I. Vitkin Sbor. trud. TSNIICHM no. 8, 190-196 '62.

SHELL MOLDING (FOUNDING)
Vibration of metal cores during shell casting V.A. Komissarov Lit proizv no. 8 26-28 Ag '62.

SHEPHERDS see subdivision under Kirghizistan

SHEREGESH—CONVEYING MACHINERY
Mechanized gathering of material from under a belt conveyer. G.I. Makeev Gor. zhur. no 6, 75 Je '62.

SHESTOVITSA—CRANIOLOGY
Anthrocology of the burial ground in Shestovitsa. G.P. Zinevich. Mat. z antr. Ukr. no. 2, 37-47 '62

SHESTOVITSA—SLAVIC ANTIQUITIES
The Shestovitsy settlement and burial mound according to the excavation materials of 1946 IA. V. Stankevich. Krat. soob. Inst. arkheol. no 87 6-30 '62.

SHIELD BUGS see Eurygasters

SHIELDING (RADIATION)
Cubic and prismatic strength of high density and hydrated concrete at a temperature of 100°-300°. I A. Arshinov. Trudy NIIZHB no. 29 37-52 '62.
Some problems of the technology of high density concrete for protection from radioactive effects. A.F. Dusov, V.I. Nadol'skii Trudy NIIZHB no. 29 4-36 '62.

SHIGELLA
Antigenic properties of Sonne dysentery microbes L I. Koenman Trudy TashNIIVS 6 239-241 '61
Drug resistance of local strains of Flexner dysentery bacteria in recent years and their immunogenic characteristics. V G. Mikaelian, M.O. Melkumian, Trudy Erev. med. inst no. 11:151-155 '60
Variability of Flexner (type "C") dysentery bacteria under the influence of an extract prepared from Enterococcus A A Abidov Trudy TashNIIVS 6:233-238 '61

SHIKOTAN ISLAND—FISH, CANNED
New plants for canning saury N.S Mamontova Ryb khoz 38 no 5 55 59 '62

SHILKA VALLEY—MAGNESIUM
Talc and magnesium ores in the interfluve of the Shilka and Gazimur Rivers Razved. i okhr. nedr 28 no. 10: 10-12 O '62.

SHILKA VALLEY—TALC
Talc and magnesium ores in the interfluve of the Shilka and Gazimur Rivers. Razved. i okhr. nedr 28 no. 10 10-12 O '62.

SHINGLES (DISEASE) see Herpes zoster

SHIP MODELS—TESTING
Calculating the transient process in the movement of a self-propelled model. N.N. Kabachinskii. Trudy GPI 15 no. 1 8-11 '61 [R.e. '59].

SHIP PROPULSION
Determining stresses in systems propeller shaft - propeller during its impact against a hard object. V.A. Beliaev. Trudy GPI 15 no. 1 11-20 '61 [R.e. '59]

SHIP TRIALS
Averbakh, N.V., and Yu.K. Baranov. [Determining the maneuvering properties of a seagoing vessel and log corrections] Opredelenie manevrennykh elementov morskogo sudna i popravki laga. Leningrad, Izd-vo "Morskoi transport," 1962. 75 p. (Biblioteka sudovoditelia)

[MICROFILM]

SHIPBUILDING
Brief news. Rech transp 21 no 11 49 N '62.
Potentialities for the *growth of labor productivity* in industrial enterprises of the Ministry of the River Fleet. V Gabinskii Rech. transp. 21 no. 11:19-22 N '62.

SHIPBUILDING MATERIALS
[Shipbuilding steel] Sudostroitel'naia stal'. [By] A. M. Veingarten i dr. Leningrad, Sudpromgiz, 1962. 303 p.

SHIPMENT OF GOODS
Hidden potentialities in the economy of transport expenses N. Mukhametshin Sov. torg. 35 no 7:13-16 Jl '62.

SHIPPING
Voluntary inspectors of shipping. M. Sutyrin. Rech. transp. 21 no. 11 12-13 N '62

SHIPPING—ABSTRACTS
[Water transportation] Ref. zhur. - Vod. transp. no. 12 D '62.

SHIPPING—ACCOUNTING
Annual transport planning and the operations of the fleet sailing in foreign waters. V Gr. Krukhennikov, O. K. Stupin. Trudy TsNIIMF no. 29 112-121 '60.
Better use of capital assets S Maklakh Rech. transp 21 no 11 8-10 N '62

SHIPS
Methods of determining ship amortization periods. O.A. Novikov. Trudy TSNIIMF no. 29 4-15 '60.

SHIPS—AIR CONDITIONING
Installation of air conditioning on river-going ships. V. Korshunov Rech transp 21 no 11:10-11 N '62

SHIPS—CARGO
Economic efficiency of package transportation of piece goods in the merchant marine. V.I. Kraev. Trudy TSNIIMF no. 29:81-88 '60.
Experience in the operation of the "Volga-Don"-type cargo motorships A Likhin, A Muravlev, P. Zinl. Rech transp 21 no 11 10-11 N '62
Factors affecting the preservation of cargoes transported by sea. N.A. Paulinskaia. Trudy TSNIIMF no. 29, 107-111 '60.

SHIPS—HYDRODYNAMIC IMPACT
Determining stresses in ship hulls under the impact of waves. G.V. Matte. Trudy GPI 15 no. 1:53-68 '61 [R.e. '59].

SHIPS—MAINTENANCE AND REPAIR
Brief news. Rech transp 21 no. 11 10 N '62.
High quality at the specified time. A. Kuznetskin, A. Il'ichev. Rech. transp 21 no 11 22-24 N '62
Introduction of a new system for planning ship repair plant operations. A.G. Zamakhovskaia, G.D. Gorbunov, V.V. Zinin. Trudy TsNIIMF no. 29, 44-52 '60.
Justifying the volume of major repairs of merchant ships. N.D. Kogan. Trudy TsNIIMF no. 29 16-23 '60.
Kipnis, I. S. and TS. V. Shakan. [Modern methods of build-up welding in ship repairs] Sovremennye sposoby naplavki v sudoremonte. [Kaliningrad] Kaliningradskoe knizhnoe izd-vo, 1962. 47 p. (Peredovoe - v proizvodstvo)
Potentialities for the growth of labor productivity in industrial enterprises of the Ministry of the River Fleet. V Gabinskii Rech transp 21 no 11, 19-22 N '62.
Urgent problems of wages and work norms in ship repairing. L.E. Gelin. Trudy TSNIIMF no. 29, 13-19 '60.
We are ready for the winter overhaul Rech transp 21 no 11:30 N '62.

SHIPS—MAINTENANCE AND REPAIR—BIBLIOGRAPHY see Bibliography—Ships—Maintenance and repair

SHIPYARDS—EQUIPMENT AND SUPPLIES
(see also subdivision under Germany, East)
Reducing the number of cradles for ship raising on slips. M.P. Kirillchin. Trudy GPI 15 no. 1:103-121 '61 [R.e. '59].

SHIROKAYA BALKA REGION—PETROLEUM GEOLOGY
Determination of the residual saturation and oil factor of depleted pools of the Shirokaya Balka type based on geophysical data. M. S. Kravchuk. Trudy KF VNII no 10:252-254 '62.

SHIRVAN STEPPE see Kura Lowland

SHIRWANI, SEID AZIMA
Seid Azima Shirwani's imitations of Fuzuli's Persian gazels [in Azerbaijani with summary in Russian]. A.G. Ragimov. Izv. AN Azerb. SSR. Ser. obshchestv. nauk no. 7:113-124 '62.

SHMAR'IAN, ALEKSANDR SOLOMONOVICH, 1901-1961
Aleksandr Solomonovich Shmar'ian. Zhur. nevr. i psikh 61 no. 10:1595 '61.

SHNEEROVA, RAISA BORISOVNA, 1886-1961
R. B. Shneerova; obituary. A. A. Kluntsel' and others. Vop. kur., fizioter. i lech. fiz. kul't. 27 no. 3:100 My-Je '62.

SHNORE, RAUL PETROVICH, 1901-1962
R. P. Shnore; obituary. V. A. Urinch. Sov. arkheol. 4 no. 1:310 '62.

SHOCK
Intubation anesthesia with relaxants in emergency operations on patients in terminal states. F. R. Chernikhovskii. Khirurgiia no. 12:102-103 '61.
Nitrous oxide anesthesia as a measure of prevention and early treatment of traumatic shock [with summary in English]. K. I. *Smolinskii* Khirurgiia no. 12:16-21 '61.

(continued)
Use of ACTH and cortisone in experimental shock (with summary in English). O.P.Khrabrova. Probl.endok. i gorm. 8 no.4:16-18 Jl-Ag '62.
Use of adrenocorticotropic and adrenal cortex hormones in the prevention and treatment of shock and hemorrhage. V.K. Kulagin Vest.khir. 87 no.11,120-126 N '61

SHOCK WAVES
Determining the increase in radiation intensity before the exit of a shock wave to the surface of a star (with summary in English). I.A.Klimishin. Astron.zhur. 39 no.6:1006-1008 N-D '62.
Phenomena accompanying the flight of large meteors in the atmosphere. V.A.Bronshten. Geomag.i aer. 2 no.1:128-133 Ja-F '62.
Some characteristics of the propagation of solitary waves of moderate intensity G.A.Ostroumov Akust.zhur. 8 no.3:344-349 '62.

SHOE INDUSTRY
(see also subdivision under Lvov)
A year of great achievements Kozh.-obuv.prom. 4 no.11:1-3 N '62.

SHOE INDUSTRY—FINANCE
Efficiency indices of the utilization of capital assets. V.Iu. Budavei. Kozh.-obuv.prom. 4 no.11:4-6 N '62.

SHOE MANUFACTURE see subdivision under Leningrad, Moscow

SHOE MANUFACTURE—TECHNOLOGICAL INNOVATIONS
Russia (1923- U.S.S.R.) Gosudarstvennyi nauchno-tekhnicheskii komitet. [Topics for inventors and efficiency promoters in the shoe industry] Temnik dlia izobretatelei i ratsionalizatorov obuvnoi promyshlennosti Moskva, Biuro tekhn. informatsii legkoi promyshl., 1959. 95 p.

SHOOTING
Some changes in central nervous system function in riflemen under the influence of training in the preparatory period. N.G. Medvedeva. Teor.i prak.fiz.kul't. 25 no.6:33-35 Je '62.

SHOOTING, MILITARY
Attack on armored carriers (company tactical drill with field firing). S Savchenko, A. Grechikhin Voen.vest. 42 no. 5:47-52 My '62
Firing from tanks from concealed firing positions N Shramov. Voen vest. 42 no.5:103-106 My '62.
High results in firing and physical exertion I. Shilov. Voen. vest. 42 no 5:100-111 My '62
Over-all execution of firing problems F. Meltvinchenko. Voen. vest. 42 no 5 80-81 My '62.
Replies to questions of artillery officers about firing. Voen. vest. 42 no. 5,115-117 My '62.

SHOOTING CONTESTS
Rules for contests with small arms. T.Reshetniak. Voen.znan. 38 no.11:28-29 N '62.

SHOPPING CENTERS
Commercial centers for a rural locality. V. Anokhin. Sel'.stroi. no. 8:15-16 Ag '62.

SHORE PROTECTION
(see also subdivision under Germany, East)
Protection of lands along river banks from washout by grading the river banks to a stable slope. G.B. Rurua. Gidr. i mel. 14 no.10:38-42 O '62.
Study of gravel facing on smooth slopes. IA.E.Gugutaev. Trudy Gidrav.lab.vodgeo no.9:121-140 '62.

SHORELINES
Length of the coastline of the U.S.S.R. S.D. Osokin. Okeanologiia 2 no.5:943 '62.

SHORTHAND—STUDY AND TEACHING
In the Pedagogical Society of the R.S.F.S.R. Nar.obr no.12:135 D '62.

SHOSTAKOVICH, DMITRII DMITRIEVICH, 1906-
Bobrovskii, V.P. [Songs and choral works by Shostakovich] Pesni i khory Shostakovicha. Moskva, Sovetskii kompozitor, 1962. 30 p. (V pomoshch' slushateliam narodnykh universitetov kul'tury: Besedy o muzyke)

SHREWS see subdivision under Siberia

SHTOKARENKO, ANDRII IAKOVYCH, 1902-
Creative quests and daring inspirations. Mariia Zahalkevych. Ukraina no.22:11 N '62.

SHUYA—AUTOMOBILE DRIVERS—EDUCATION AND TRAINING
Looking for potentials. T. Krutchinskii. Za rul. 20 no. 11:3 N '62.

SHUYA DISTRICT—DAIRYING
Eventov, A.M. [The Zabotins] Suprugi Zabotiny. Moskva, Izd-vo Sovetskaia Rossiia," 1962. 235 p. (Liudi Sovetskoi Rossii)

SIALIC ACIDS
Amount of sialic acids in the blood serum of normal patients and of patients with pulmonary tuberculosis (with summary in English). A. TS. Anasashvili. Vop. med. khim. 8 no. 1:35-38 Ja-F '62.

SIBERIA—BIRDS OF PREY
Possibilities of recording the encounters with birds of prey for defining the distribution of rodents in small areas. V.M. Neronov. Vop.ekol. 1:132 '62

SIBERIA—BRITHOLITE
A mineral of the britholite-melanocerite group. I.I Kupriianova, G.A. Sidorenko, T.I. Stoliarova. Zap. Vses.min.ob-va 91 no.5:573-581 '62.

SIBERIA—CERITE
A mineral of the britholite-melanocerite group. I.I Kupriianova, G.A. Sidorenko, T.I. Stoliarova Zap. Vses.min.ob-va 91 no.5 573-581 '62.

SIBERIA—DESCRIPTION AND TRAVEL
Nohac, Zdenek, and Oborsky, Stanislav. [Where the taiga was at one time... Translated from the Czech] Gde ran'she byla taiga Moskva, Izd-vo "Sovetskaia Rossiia," 1962. 357 p.

SIBERIA—GEOPHYSICAL RESEARCH—CONGRESSES
Siberian conference on geomagnetism and aeronomy, IU.D Kalinin. Geomag.i aer. 2 no.1:182-183 Ja-F '62.

SIBERIA—IRON AND STEEL PLANTS
Belan, R.V. [Third metallurgical supply center] Tretiia metallurgicheskaia. Moskva, Sovetskaia Rossiia, 1959. 46 p.

SIBERIA—MAGNETISM, TERRESTRIAL
Revise of the normal geomagnetic field of intensity T for the epoch 1950 for the territory of the U.S.S.R. (east of the Yenisey). B.D Vinis, L.A. Privalova. Geomag. i aer. 2 no.3 527-531 My-Je '62.

SIBERIA—NATIVE RACES
"Composition of Siberian tribes and clans in the 17th century" by B.O. Dolgikh. Reviewed by P.E. Terletskii. Ist.SSR 6 no.6 164-169 N-D '62.

SIBERIA—RESEARCH
Scientific institutes of the Siberian Branch. Vest.AN SSSR 32 no.11 127-128 N '62.

SIBERIA—REVOLUTION, 1917-1921
"The Bolshevik underground and the guerrilla movement during the civil war in Siberia, 1918-1920" by M.I. Stishov. Reviewed by N.V. Savinchenko, V.A. Kapskii. Vop.ist.KPSS 5 no.6 192-195 '62.

SIBERIA—RODENTIA
Plow furrows in the ecologic and faunistic investigation of murine rodents and shrews. I.N. Gliotov. Vop. ekol. 4:98-99 '62.
Possibilities of recording the encounters with birds of prey for defining the distribution of rodents in small areas. V.M. Neronov. Vop.ekol. 4:132 '62.

SIBERIA—RUSSIAN LITERATURE—HISTORY AND CRITICISM
Demand of the times. N. IAnovskii. Vop.lit. 6 no.6. 36-47 Ag '62.

SIBERIA—SHREWS
Plow furrows in the ecologic and faunistic investigation of murine rodents and shrews. I.N. Gliotov. Vop. ekol. 1:98-99 '62.

SIBERIA—TURPENTINING
Akademiia nauk SSSR, Ural'skii filial, Sverdlovsk. Institut biologii. [Ways for expanding the sources of resin supply in the forests of the Urals and Siberia] Puti rasshireniia syr'evoi bazy podsochki lesov Urala i Sibiri. Sverdlovsk, 1960. 161 p.
[MICROFILM]

SIBERIA, EASTERN—FAULTS (GEOLOGY)
Stanovoy deep fault, its development and effect on magmatic activity and metallogeny IU.B Kazmin. Trudy VAGT no.8 98-102 '62.

SIBERIA, EASTERN—GEOLOGY, ECONOMIC
Role of geologists in developing the northeastern U.S.S.R. B.V. Kolokol'nikov. Razved.i okhr.nedr 28 no.10:8-9 O '62.

SIBERIA, EASTERN—GOLD ORES
Gold potential of the Stanovoy area. M.Z. Glukhovskii. Trudy VAGT no 8 102-106 '62.

SIBERIA, EASTERN—MINING ENGINEERING
Loginov, V.P. [Ways of increasing efficiency in developing the mining industry of the northeastern U.S.S.R.] Puti povysheniia effektivnosti razvitiia gornoi promyshlennosti Severo-Vostoka SSSR. Moskva, Izd-vo Akad. nauk SSSR, 1962. 179 p.

SIBERIA, EASTERN—POTTERY
Pottery of the Russian inhabitants in Eastern Siberia. G.S. Maslova. Krat.soob.inst.etn. no 37:12-25 '62.

SIBERIA, WESTERN—FIELD MICE
Effect of winter conditions on the number of water voles. L.I. Stogov. Zoshch.rast.ot vred.i bol. 4 no.6:43-44 N-D '59.

SIBERIA, WESTERN—FOREST INSECTS
Biology of Pygaera anastomosis L. (Lepidoptera, Notodontidae) N.N Egorov Ent.oboz. 41 no.2 294-299 '62

SIBERIA, WESTERN—GEOLOGY, STRUCTURAL
Irtysh shear zone and its association with deep faults. B.IA. Khoreva Sov.geol. 5 no.9,45 60 S '62

SIBERIA, WESTERN—ORIENTATION (ARCHITECTURE)
Problems of the orientation of buildings under the climatic conditions of Novosibirsk and the Kuznetsk Basin. V.E. Gorshkov. Trudy NISF no.1 109-125 '62.

SIBERIA, WESTERN—PROMINENTS (INSECTS)
Biology of Pygaera anastomosis L. (Lepidoptera, Notodontidae) N.N Egorov Ent.oboz. 41 no.2,291-299 '62.

SIBERIA, WESTERN—SNOW
Snow cover of the West Siberian wooded steppe I.V Zykov Priroda 51 no.11 103-105 N '62

SIBERIAN PLATFORM—AERIAL PHOTOGRAMMETRY
Interpretation of fracture traces on black-and-white aerial photographs as revealed by the studies of the northeastern margin of the Paleozoic area in the Siberian Platform E.S Kuteinikov, L.M. Natapov Trudy VAGT no.8 130-136 '62

SIBERIAN PLATFORM—AERONAUTICS IN GEOLOGY
Practice of using aerial methods in geological studies in the eastern part of the Siberian Platform. V.N Leonov Trudy VAGT no.8 123-130 '62

SIBERIAN PLATFORM—BRACHIOPODA, FOSSIL
Nikiforova, O.I., Andreeva, O.N. [Paleozoic biostratigraphy of the Siberian Platform Report No.1: Ordovician and Silurian stratigraphy of the Siberian Platform and its paleontological basis (brachiopods)] Stratigrafiia ordovika i silura Sibirskoi platformy i ee paleontologicheskoe obosnovanie (brakhiopody). Leningrad, Gos. nauch.-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, Leningr. otd-nie 1961 209 p. 54 plates. (Leningrad. Vsesoiuznyi geologicheskii institut Trudy, vol.56)

SIBERIAN PLATFORM—FAULTS (GEOLOGY)
Interpretation of fracture traces on black-and-white aerial photographs as revealed by the studies of the northeastern margin of the Paleozoic area in the Siberian Platform. E.S Kuteinikov, L.M Natapov Trudy VAGT no.8 130-136 '62

Plication of Jurassic sediments in the eastern margin of the Siberian Platform. L.M Biteman, E.R Gorshkova Trudy VAGT no.8 77-76 '62

SIBERIAN PLATFORM—GARNET
Garnets in pegmatite veins of the Northern Baikal pegmatite belt. IU.M. Sokolov, V.S. Bykova, M.M Maulova. Zap. Vses.min.ob-va 91 no.5:537-549 '62

SIBERIAN PLATFORM—GEOLOGY
Basic characteristics of the geology of the northeastern part of the Siberian Platform B.N. Leonov Trudy VAGT no.8 5-16 '62
Soveshchanie po geologicheskomu stroeniiu i mineral'nym resursam Sibirskoi platformy. [Summaries of the reports of the Conference on Mineral Resources and the Geology of the Siberian Platform] Tezisy dokladov. Irkutsk, Akad. nauk SSSR, Sibirskoe otd-nie. No.4. 1960. 138 p.
[MICROFILM]

SIBERIAN PLATFORM—GEOLOGY, STRATIGRAPHIC
New data on the nature of boundary between Middle and Upper Cambrian sediments in the northeastern part of the Siberian Platform N.I Gogina, L.M Izrailev, B.N. Leonov. Trudy VAGT no.8 16-20 '62
Nikiforova, O.I., Andreeva, O.N. [Paleozoic biostratigraphy of the Siberian Platform. Report No.1: Ordovician and Silurian stratigraphy of the Siberian Platform and its paleontological basis (brachiopods)] Stratigrafiia ordovika i silura Sibirskoi platformy i ee paleontologicheskoe obosnovanie (brakhiopody). Leningrad, Gos. nauch.-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, Leningr. otd-nie 1961, 209 p. 54 plates. (Leningrad. Vsesoiuznyi geologicheskii institut. Trudy, vol.56)

SIBERIAN PLATFORM—GEOLOGY, STRUCTURAL
Tectonic pattern of the extreme northeastern part of the Siberian Platform. E.S. Kuteinikov, L.M Natapov. Trudy VAGT no 8 66-72 '62.

SIBERIAN PLATFORM—KIMBERLITE
Age of kimberlites in the northeastern part of the Siberian Platform B.N Leonov, B.I Prokopchuk. Trudy VAGT no 8-80-84 '62

SIBERIAN PLATFORM—MINES AND MINERAL RESOURCES
Soveshchanie po geologicheskomu stroeniiu i mineral'nym resursam Sibirskoi platformy. [Summaries of the reports of the Conference on Mineral Resources and the Geology of the Siberian Platform] Tezisy dokladov. Irkutsk, Akad. nauk SSSR, Sibirskoe otd-nie.
No.4. 1960. 138 p.
[MICROFILM]

SIBERIAN PLATFORM—PEGMATITES

Genetic aspects of pegmatite veins of the Northern Baikal pegmatite belt [U. M. Sobolev, V. S. Bykova, M. I. Matulova] Zap. Vses. min. ob-va 91 no. 5 537-549 '62

SIBERIAN PLATFORM—PETROLEUM GEOLOGY

Il'ina, E. V., B. N. Lyubomirov and N. IA. Tychino [Underground waters and gases of the Siberian Platform] Podzemnye vody i gazy Sibirskoi platformy Leningrad, Gos. nauchno-tekh. izd-vo neft. i gorno-topl. lit-ry, Leningr. otd-nie, 1962. 289 p. (Leningrad. Vsesoiuznyi neftianoi nauchno-issledovatel'skii geologorazvedochnyi institut. Trudy, no. 189)

SIBERIAN PLATFORM—PHOSPHORITES

Facies characteristics of phosphorite sediments in the Siberian Platform. V. N. Dominikovskii, V. I. Dragunov, V. I. Librovich. Sov. geol. 5 no. 9:113-121 S '62.

SIBERIAN PLATFORM—PLACER DEPOSITS

Interpretation of aerial photographs when studying placer deposits. V. N. Orliankin. Trudy VAGT no. 8 150-154 '62.

SIBERIAN PLATFORM—WEATHERING

Middle Paleozoic weathering surface in the northeastern part of the Siberian Platform. IU. L. Minaeva, R. A. Bidzhiev. Trudy VAGT no. 8 21-24 '62.

SIDERITE

(see also subdivision under Baikal region, Ural Mountains)

X-ray analysis of siderites containing calcium. B. G. Frenburg. Zap. Vses. min. ob-va 91 no. 5 595-603 '62.

SIDOROV, VALENTIN

"My childhood home", verse by Valentin Sidorov. Reviewed by D. Moldavskii. Oktiabr' 38 no. 6 220 Je '62.

SIEGE, 1942—MEDICAL AND SANITARY AFFAIRS see subdivision under Sevastopol

SIEROZEM SOILS see subdivision under Karabil'

SIERPINSKI, WACLAW, 1882-

Waclaw Sierpinski on his 80th birthday. I. B. Veitsman. Mat. v shkole no. 4 73 Jl-Ag '62.

SIGNALS AND SIGNALING, AUTOMOBILE

Turn indicators for old motor vehicles. M. Fulaev. Za rul. 20 no. 11 22-23 N '62.

SIGNS AND SYMBOLS

Uniform conventional symbols for marking the special features of published texts. D. S. Likhachev. Ist. arkh. 8 no. 1 174-175 Ja-F '62.

SIKHOTE-ALIN' RANGE—NATURAL HISTORY

Kurentsov, A. I. [In the shelters of Ussurian relicts] V ubezhishchakh ussuriiskikh retiktov. Vladivostok, Primorskoe knizhnoe izd-vo, 1961. 181 p.

SILANE

Conjugated systems. Part 162. Direction of the addition of bromine and hydrogen to vinyl- and allyldimethylvinylacetylenylsilanes. M. D. Stadnichuk, A. A. Petrov. Zhur. ob. khim. 32 no. 11 3522-3527 N '62.

Halogenation of aromatic silanes. Part 10. Liquid-phase thermal chlorination of phenylmethyldichlorosilane. G. V. Motsarev, V. R. Rozenberg. Zhur. ob. khim. 32 no. 11:3727-3731 N '62.

Interaction of diethyl ester of phenylphosphinic acid with α,β-, and γ-chloralkylalkylalkoxysilanes. E. A. Chernyshev and others. Dokl. AN SSSR 147 no. 1:117-118 N '62.

Reaction of diazoacetic ester with trimethylvinylsilane catalyzed by copper sulfate. I. A. D'iakonov, G. V. Golodnikov, I. B. Repinskaia. Zhur. ob. khim. 32 no. 10 3450-3451 O '62.

Thermal condensation of trichlorosilane and methyldichlorosilane with vinyl chloride. S. A. Golubtsov and others. Plast. massy no. 10 21-26 '62.

SILANOL

Synthesis of vinylhydroxysilanes and their germanium analogs. IU. I. Baukov, I. F. Lutsenko. Zhur. ob. khim. 32 no. 11 3836-3839 N '62.

SILICA

Simultaneous adsorption of hydrogen and oxygen on silica gel. E. K. Vasil'eva, S. V. Starodubtsev. Izv. AN Uz. SSR. Ser. fiz.-mat. nauk 6 no. 5 66-68 '62.

SILICON

Desiliconization of pure potassium aluminate solutions in presence of chemical additives. M. G. Manvelian and others. TSvet. met. 35 no. 11 66-74 N '62.

SILICON—SPECTRA

Infrared absorption spectrum of silicon irradiated by fast neutrons. E. N. Lotkova, V. S. Vavilov, N. N. Sobolev. Opt. i spektr. 13 no. 2:216-221 Ag '62.

SILICON-CARBON-IRON ALLOYS see Iron-silicon-carbon alloys

SILICON CHLORIDE

High temperature hydrolysis of silicon tetrachloride in decomposition products of silicohydrofluoric acid. N. P. Galkin, V. A. Shubin, A. S. Krylov. Khim. prom. no. 9 635-637 S '62.

SILICON-COPPER ALLOYS see Copper-silicon alloys

SILICON CRYSTALS

Quick determination of the orientation of Ge and Si single crystals on a URS-251 diffractometer [with summary in English]. L. I. Datsenko. Ukr. fiz. zhur. 7 no. 1 67-71 Ja '62.

SILICON HYDRIDES

Conjugated systems. Part 161: Addition of silicon hydrides to 1-trimethylsilyl-3-buten-1-yne. M. D. Stadnichuk, A. A. Petrov. Zhur. ob. khim. 32 no. 11 3514-3521 N '62.

SILICON ORGANIC COMPOUNDS

Conjugated systems. Part 161: Addition of silicon hydrides to 1-trimethylsilyl-3-buten-1-yne. M. D. Stadnichuk, A. A. Petrov. Zhur. ob. khim. 32 no. 11 3514-3521 N '62.

Grafting of polymers to solid surfaces. Part I: Study of the interaction of organosilicon compounds with glass based on infrared absorption spectra [with summary in English]. L. I. Golubenkova and others. Vysokom. soed. 4 no. 9 1354-1360 S '62.

Kolpakov, A. I., and V. B. Losev. [Bountiful chemistry of organosilicon compounds] Shchedraia kremniiorganika. Moskva, Izd-vo "Znanie," 1962. 37 p. (Novoe v zhizni, nauke, tekhnike. IV Seriia: Tekhnika, no. 21)

Some polyesters of bis-(hydroxymethyl) tetramethyldisiloxane [with summary in English]. M. A. Bulatov, S. S. Spasskii, S. G. Mishina. Vysokom. soed. 4 no. 9 1310-1313 S '62.

Synthesis and transformations of oxygen-containing organic and organosilicon compounds. Part 14: Organic and organosilicon derivatives of chloral hydrate. I. A. Shikhiev, B. M. Guseinzade, M. I. Aliev. Zhur. ob. khim. 32 no. 11:3630-3633 N '62.

Synthesis of dimethylcyclosiloxane. K. A. Andrianov and others. Zhur. ob. khim. 32 no. 10 3147 O '62.

Thermomechanical and electrical properties of epoxy-polysiloxane polymers of various composition [with summary in English]. K. A. Andrianov, G. E. Golubkov. Vysokom. soed. 4 no. 9 1375-1379 S '62.

SILICON OXIDE

Exothermic reactions of silicon, aluminum, and iron oxides with calcium oxide on heating. V. M. Surovkin. Uch. zap. SAIGIMSa no. 5 219-223 '61.

SILK MANUFACTURE

(see also subdivision under Armenia, Dushanbe)

Manufacture and weaving of raw silk with various elasticity strength. B. I. Getsonok. Izv. vys. ucheb. zav., tekh. tekst. prom. no. 5 86-93 '62.

Sericulture and silk manufacture in Russia during the transition period from handicraft to factories. G. L. Iofe. Sbor. nauch.-issl. rab. TTI no. 12:175-198 '61.

SILK MANUFACTURE—HYGIENIC ASPECTS see subdivision under Ashkhabad

SILKWORM BREEDING

Evidence of a possibility to overcome male sterility in tetraploid silkworms by means of amphidiploidy (2n Bombyx mori + 2n B. mandarina) [with summary in English]. V. N. Vereiskaia, B. L. Astaurov. Biul. MOIP. Otd. biol. 67 no. 3:48-55 My-Je '62.

SILKWORMS

Localization and sources of trehalose biosynthesis in the organism of the oak silkworm. T. A. Egorova, A. N. Smolin. Dokl. AN SSSR 147 no. 1:224-226 N '62.

SILKWORMS—FEEDING AND FEEDS

Testing the effect of some substances added to the feeds of silkworm larvae [in Armenian with summary in Russian]. IA. I. Kamoian. Izv. upr. sel'khoz. nauki Arm. SSR 4 no. 10:85-92 '61.

SILOXANES

Synthesis and vulcanization of methylethylsiloxane rubbers. S. N. Borisov, N. G. Sviridova, L. A. Averianova. Kauch. i rez. 21 no. 9:1-4 S '62.

Synthesis of α,ω-hexaorganopolydimethylpolymethylphenylsiloxanes having regularly alternating dimethyl- and methylphenylsiloxy links in the chain. M. B. Sobolevskii and others. Plast. massy no. 10 17-21 '62.

SILUMIN—METALLURGY

What is the overinoculation of silumin. E. A. Boom. TSvet. met. 35 no. 11 88-92 N '62.

SILVER

Paramagnetic resonance in silver free atoms captured in nonpolar media at 77°K [with summary in English]. R. A. Zhitnikov, N. V. Kolesnikov, V. I. Kostikov. Zhur. eksp. i teor. fiz. 43 no. 4 1186-1196 O '62.

Preserving drinking water by means of silver electrolytic solutions. L. A. Kul'skii, S. V. Nikitina, V. A. Slipchenko. Ukr. khim. zhur. 28 no. 2:981-986 '62.

SILVER—ANALYSIS

Determination of silver in oligodynamic solutions. L. A. Kul'skii, S. V. Nikitina. Ukr. khim. zhur. 28 no. 8:977-980 '62.

SILVER—ISOTOPES

Measurement of $\gamma\gamma$-coincidences in the reaction $Ag^{107}(n,\gamma)Ag^{108}$ [with summary in English]. I. V. Estulin, I. F. Kalinkin, A. S. Mel'nikovskii. Zhur. eksp. i teor. fiz. 43 no. 4 1478-1484 O '62.

SILVER—SPECTRA

Position spectrum of Ag^{110*}. N. G. Bakaev and others. Izv. AN SSSR Ser. fiz. 26 no. 8:1042-1045 Ag '62.

SILVER BROMIDE

Effect of the concentration of the initial solution on the size of the AgBr grains. K. S. Dalikov, N. M. Voronkova. Zhur. nauch. i prikl. fot. i kin. 7 no. 5 347-350 S-O '62.

SILVER COMPOUNDS—SPECTRA

Electron paramagnetic resonance in bivalent silver compounds. N. S. Garif'ianov, B. M. Kozyrev, F. I. Semenova. Dokl. AN SSSR 147 no. 2:365-367 N '62.

SILVERSMITHING, BYZANTINE see subdivision under Ural Mountain region

SIMFEROPOL'—RAILROADS

Tomilin, V. K. [Let us introduce new and progressive methods] Novoe, peredovoe - v zhizn'. Simferopol', Krymizdat, 1962. 22 p. (Programma kommunizma - v deistvii)

SIMILITUDE, THEORY OF

Using the theory of similitude in designing machine tools with uniform feeds. B. G. Lur'e. Stan. i instr. 33 no. 11 11-14 N '62.

SIMON, KONSTANTIN ROMANOVICH, 1867-

K. R. Simon's bibliographical work. G. G. Kalchevskii. Sov. bibl. no. 5 77-80 '62.

SINGERS—DISEASES AND HYGIENE

Role of laryngoscopic examinations for vocal students [with summary in English]. V. P. Pantiukhin. Zhur. ush., nos. i gorl. bol. 21 no. 6:61-64 N-D '61.

Tonsillectomy in singers [with summary in English]. G. N. Dukhovnaia. Zhur. ush., nos. i gorl. bol. 21 no. 6 35-37 N-D '61.

SINGING—INSTRUCTION AND STUDY

Recommended literature on the study of singing. Nar. obraz. no. 10:93 O '62.

SINIAVSKII, KLAVDII NIKANOROVICH, 1873-1940

An outstanding engineer and irrigation specialist of the Fergana Valley. S. Dzhalilov. Obshchestv. nauki v Uz. 6 no. 9 57-60 '62.

SINKIANG—COMMERCE—TURKESTAN

Commercial relations between Turkestan and Sinkiang, 1850-1917. E. M. Mamedova. Nauch. trab. Inst. vost. Otd. obshchestv. nauk AN Uz. SSR 4:303-370 '61.

SINTERING

Certain crystallochemical regularities in the activated sintering of highly refractory oxides in the solid phase [with summary in English]. V. A. Biron. Poroshk. met. 2 no. 5:38-42 S-O '62.

Dressing of Akkermanovka ores and sintering of the concentrates produced. F. F. Kolesnikov and others. [Sbor. trud.] Nauch.-issl. inst. met. no. 4:41-57 '61.

Factors determining activated recrystallization sintering of aluminum oxide [with summary in English]. V. A. Biron, N. V. Somkina. Poroshk. met. 2 no. 5 26-35 S-O '62.

Role of moisture in the sintering of Krivoy Rog ores. A. A. Sigov, V. A. Shurkhal. Izv. vys. ucheb. zav., chern. met. 5 no. 10:16-24 '62.

Sintering of iron ores under positive pressure. V. A. Sorokin and others. Met. i gornorud. prom. no. 2: 3-7 Mr-Ap '62.

Vertical furnace for sintering [with summary in English]. A. N. Nikolaev. Poroshk. met. 2 no. 5:80-88 S-O '62.

SIZING (TEXTILE)

Size preparation with the use of hydrodynamic generators. N. S. Banushkin, N. M. Likovlev, V. V. Doshlygin. Tekst. prom. 22 no. 11:67-69 N '62.

Size with a sulphite adhesive for the processing of viscous silk warp. S. M. Oderov. Tekst. prom. 22 no. 10:50-51 O '62.

SKADOVSK DISTRICT—RICE

Ukrainian rice. Vitalii TSyhanko. Ukraina no. 22:12-13 N '62.

SKI TROOPS

Samsonov, M. IA., and V. M. Shaposhnik. [Ski training: soldiers' manual] Lyzhnaia podgotovka; posobie dlia voisk. Moskva, Voenizdat, 1962. 60 p.

SKIN—DISEASES

Morbidity due to dermatoses in the Semipalatinsk Leather Combine; preliminary report. A. P. Vashchenkova, S. IA. Sergeev. Zdrav. Kazakh. 22 no. 6:28-30 '62.

SKIN — DISEASES (Continued)

Salvarsan dermatitis; according to materials from the infirmary of Erivan City Skin and Venereal Disease Dispensary from 1948 to 1955. R. A. Agasarian. Trudy Erev. med. inst. no. 11:431-434 '60

Treatment of dermatoses by blood transfusion. A. A. Kraicheik, V. V. Vinnichenko. Vrach. delo no. 8,140-142 Ag '62.

Treatment of eczema and neurodermatitis with hydrocortisone ointments. A. A. Kalamkarian. Sov. med. Je no. 6:124-125 Je '62.

Use of hormone therapy in some skin diseases. T. T. Tad. khaev. Sov. med. 26 no. 10 123-127 O '62

SKIN—TRANSPLANTATION

Characteristics of the healing of trepanation wounds following tympanoplasty using a free skin transplant [with summary in English]. N. D. Rastopchin. Zhur. ush., nos. i gorl. bol. 21 no. 6 19-22 N-D '61

SKIN—TUMORS

Changes, similar to molluscum contagiosum, in the epidermis in keratoacanthoma and in some papillary neoplasms of the lower lip and skin [with summary in English]. M. F. Glazunov. Vop. onk. 8 no. 6 46-55 '62

SKIN DIVING see Diving, Submarine

SKIN GRAFTING

Formation of the cornea from skin subjected to the action of heat [with summary in English]. V. V. Popov, V. M. Knatmov. Biul. eksp. biol. i med. 54 no. 7:88-90 Jl '62.

SKIS AND SKIING

Summer training of mountain skiers on the snow at high mountain altitudes. V. M. Stankevich, L. S. Sokolova. Teor. i prak. fiz. kul't. 25 no. 6 38-40 Je '62.

SKULL—WOUNDS AND INJURIES

Penetrating skull wound from a nail. A. K. TSepin. Sud.-med. ekspert 5 no. 4:52-53 O-D '62.

SLAG

Automation of the production of slag "pumice" on a centrifugal machine. V. Grygor'iev and others. Bud. mat. i konstr. 4 no. 5,22-25 S-O '62.

Casting properties of blast-furnace slags from the Petrovsk'kyi Plant. I. Zazharsk'kyi. Bud. mat. i konstr. 4 no. 5,45-48 S-O '62.

Hydraulic impact and launder classifier methods of granulating blast furnace slags. V. F. Krylov, V. L. Pankratov, V. S. Zlodeeva. Stal' 22 no:9:786-788 S '62

Hydrogen permeability through molten slags. Izv. vys. ucheb. zav., chern. met. 5 no. 10:5-13 '62.

Konovalov, P. F., B. V. Volkonskii, and A. P. Khashkovskaia. [Atlas of the microstructures of cement clinkers, refractories, and slags] Atlas mikrostruktur tsementnykh klinkerov, ogneuporov i shlakov. Pod red. N. A. Toropova. Leningrad, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam, 1962. 204 p.

Lightweight concretes made with slag "pumice." IA. Sh. Shtein, I. N. Reznikov, A. E. Aleksandrov. Bet. i zhel.-bet. 8 no. 11 511-513 N '62.

Origin of metal reguluses in slag. A. G. Panomarenko. [Shor. trud.] Nauch.-issl. inst. met. no. 4,96-100 '61.

Using granulated slag in the manufacture of tile. O. V. Dolidze Strol mat 8 no. 10:30-31 O '62

Vanadium recovery from converter slags. N. P. Slotvinskii-Sidak, V. I. Potapov. Izv. vys. uchab. zav., tavet met 5 no 3 100-106 '62.

Viscosity of high-magnesium iron slags. G. P. Vinkin, N. L. Zhilo, M. IA. Ostroukhov. [Shor. trud.] Nauch.-issl. inst. met. no. 4:26-32 '61.

SLAG—ANALYSIS

Effect of calcium oxide and calcium fluoride on the viscosity of slags in the system $MgO - SiO_2 - Al_2O_3$. N. L. Zhilo. [Shor. trud.] Nauch.-issl. inst. met. no. 4 101-114 '61.

SLAG—TESTING

Viscosity of high-magnesium blast furnace slags with 10 to 20% ferrous oxide. G. P. Vinkin, N. L. Zhilo, M. IA. Ostroukhov. Izv. vys. uchab. zav., chern. met. 5 no. 10:25-30 '62.

SLAG CEMENT

Effect of the mineralogical composition of the clinker and the hardening conditions on the strength of slag portland cement. V. A. P'iachev, Z. D. Reshetova. TSement 28 no. 5:10-12 S-O '62.

SLAVARSAN—TOXICOLOGY

Slavarsan dermatites; according to materials from the infirmary of Erivan City Skin and Venereal Disease Dispensary from 1948 to 1955. R. A. Agasarian. Trudy Erev. med. inst. no. 11:431-434 '60.

SLAVIC ANTIQUITIES see subdivision under Hungary; Kiev Province; Shestovitsa; Smolensk Province

SLAVIC LANGUAGES

Akademiia nauk URSR, Kiev. Instytyt movoznavstva. [Studies in linguistics] Doslidzhennia z movoznavstva, zbirnykh statei aspirantiv i dysertantiv. Kyiv, Vyd-vo Akad. nauk URSR, 1962. 173 p.

SLAVS see subdivision under Africa, North

SLEEP

Cataplexy on awakening and falling asleep [with summary in French]. V. S. Lobzin. Zhur. nevr. i psikh. 62 no. 6 908-914 '62

SLIDE RULE

Slide rule used in designing springs. V. D. Astaf'ev. Vest. mashinostr. 12 no. 11 87-88 N '62.

SLOVAKIA—ETHNOLOGY—PERIODICALS

The journal of Slovak ethnographers "Slovensky narodopis," 1960-1961. N. Gratsianskaia. Sov. etn. no. 5 153-156 S-O '62

SLUICE GATES

Experimental studies of connected masses of water for plane hydraulic gates. V. A. Paliunas. Trudy Gidrav. lab. VODGEO no. 8:100-110 '62.

SMALLPOX

Case of smallpox with an atypical course not diagnosed during the patient's life [with summary in English]. A. V. Eremian, A. A. Avakian, A. P. Romanova. Vop. virus. 7 no. 5:597-601 S-O '62.

Clinical aspects of postvaccinal smallpox meningo-encephalitis [with summary in English]. T. E. Margolina. Sov. med. 26 no. 7:100-102 Jl '62.

Duration of postvaccinal immunity against smallpox [with summary in English]. R. B. Dzhavadov. Zhur. mikrobiol., epid. i immun. 32 no. 12:91-95 D '61

"Smallpox; the transactions of a conference on the problems of its epidemiology, clinical aspects, laboratory diagnosis, specific prophylaxis and therapy". Reviewed by V. D. Belikov. Vop. virus. 7 no. 5 631-632 S-O '62

SMELL

Effect of atmospheric temperature below freezing point on the ability of animals to perceive scent. S. A. Korytin, V. A. Zamakhaev, M. D. Azbukina. Vop. ekol. 4,121-122 '62.

Function of the olfactory analyser in brucellosis. E. A. Khairushev. Trudy Inst. kraev pat. AN Kazakh SSR 12:117-122 '62

SMOLENSK PROVINCE—ANTIQUITIES

Burial field and mounds near the Akatovo village, Smolensk Province. E. A. Shmidt. Sov. arkheol. 6 no. 4 189-196 '62.

SMOLENSK PROVINCE—COOPERATIVE SOCIETIES

Let's base our work on shareholders' instructions. V. Pechorin. Sov. potreb. koop. 6 no. 7 26-27 Jl '62

SMOLENSK PROVINCE—CULTUS, SLAVIC

Pagan sanctuaries of the Smolensk Krivichi. V. V. Sedov. Krat. soob. Inst. arkheol. no. 87:57-64 '62.

SMOLENSK PROVINCE—SLAVIC ANTIQUITIES

Pagan sanctuaries of the Smolensk Krivichi. V. V. Sedov. Krat. soob. Inst. arkheol. no. 87,57-64 '62.

SMOLEVICHI DISTRICT—DAIRY BARNS

Planning and equipment of a cow barn on the "Zarech'ye" state farm. P. Shinkarev. Sel' stroi. no. 8:10 Ag '62

SMUGGLING see subdivision under Crimea

SMUTS

Effect of sowing dates on the vulnerability of corn by the Swedish fly and corn smut. M. A. Fedin. Zashch. rast. ot vred. i bol. 7 no. 5:29 My '62.

Kalashnikov, K. IA. [Smuts of grain crops] Golovnia zernovykh kul'tur. Leningrad, Sel'khozizdat, 1962. 87 p. (DNAL)

Method for studying the resistance of corn to the smut. N. P. IAkovleva. Zashch. rast. ot vred. i bol. 7 no. 3: 50-51 Mr '62.

Root form of corn smut. A. F. Korshunova. Zashch. rast. ot vred. i bol. 7 no. 7:59 Jl '62

SNAILS

New experimental data on the nature of the rhythmic activity of the foot of the edible snail Helix pomatia [with summary in English]. Kh. S. Koshtoiants, P. Vol'po. Zool. zhur. 41 no. 9,1419-1420 S '62.

SNEZHINKA LAKE

Curative value of Snezhinka Lake. N. M. Parkhomenko, N. P. Shinkevich, P. E. Tret'iak. Vop. kur., fizioter. i lech. fiz. kul't. 27 no. 2:169 Mr-Ap '62.

SNOW

(see also subdivision under Siberia, Western, Terskei Ala-Tau)

El'brusskaia vysokogornaia ekspeditsiia, 1934- [Transactions of the Elbrus Alpine Expeditions] Trudy. Nal'chik, Kabardino-Balkarskoe knizhnoe izd-vo.

Vol. 1(4) [Snow, avalanches, and the use of snow in the national economy] Sneg, laviny i primenenie snega v narodnom khoziaistve (Materialy II Vsesoiuznoi mezhvedomstvennoi konferentsii, posviashchennoi voprosam snezhnogo pokrova) 1959. 306 p. [MICROFILM]

One method of preventing excessive accumulations of snow on the roofs of industrial buildings. V. S. Bessonov. Prom. stroi. 40 no. 9 20-24 '62

SOAKING PITS see Furnaces, Heating

SOAP INDUSTRY

Moscow. Gosudarstvennyi nauchno-issledovatel'skii institut nauchnoi i tekhnicheskoi informatsii. [Exchange of experience in continuous soap production] Obmen opytom po nepreryvnomu proizvodstvu myla. Moskva, 1962. 110 p.

SOBOLEV, LEONID SERGEEVICH, 1898-

Surganov, V. A. [Leonid Sobolev, an account of his life and works] Leonid Sobolev, ocherk zhizni i tvorchestva. Moskva, Sovetskii pisatel', 1962. 320 p. (CtY) (CU)

SOCCER

Notes on soccer. N. Starostin. Sel'. mekh. no. 11:45-46 '62

SOCHI—HOTELS, TAVERNS, ETC.

Hotel "Rossiia" in Sochi. Stroi. i arkhit. Len. 24 no. 10: 34-35 O '62.

SOCHI—HYDROTHERAPY

"Treatment at the Sochi-Matsesta Health Resort" by V. S. Goverov. Reviewed by P. E. Morozov. Vop. kur., fizioter. i lech. fiz. kul't. 27 no. 2 177-178 Mr-Ap '62.

SOCHI—THERAPEUTICS, PHYSIOLOGICAL

Efficacy of hypertension treatment at the Sochi-Matsesta Health Resort. A. T. Bondarenko. Vop. kur., fizioter. i lech. fiz. kul't. 27 no. 2 143-146 Mr-Ap '62.

SOCHI—WAVES

Use of stereophotography to study waves in the water area of a port. G. G. Kuz'minskaia. Okeanologiia 2 no. 5:903-906 '62.

SOCHI REGION—COFFEE—DISEASES AND PESTS

Coffee tree pests and their control. A. M. Sikharulidze. G. G. Gogua. Subtrop. kul't. no. 2 145-148 '62

SOCHI REGION—INSECTS, INJURIOUS AND BENEFICIAL

Coffee tree pests and their control. A. M. Sikharulidze. G. G. Gogua. Subtrop. kul't. no. 2 145-148 '62

SOCIAL CONFLICT see subdivision under Czechoslovakia

SOCIAL INSURANCE see Insurance, Social

SOCIAL PSYCHOLOGY

We should study general laws governing the development of social consciousness. V. M. Bikritskii, V. V. Zhuravlev. Nauch. dokl. vys. shkoly, filos. nauki 5 no 5:151-154 '62.

SOCIAL SCIENCE RESEARCH

General meeting of the Academy of Sciences of the U.S.S.R. Vop. ist. KPSS 6 no. 6:223-225 '62.

Scientific basis for the guidance of the development of society, some problems of the development of social sciences. L. F. Il'ichev. Vest. AN SSSR 32 no. 11: 7-34 N '62.

SOCIAL SCIENCES

Building of communism and the tasks of social sciences. M. V. Keldush. Vest. AN SSSR 32 no. 11:3-6 N '62.

Theoretical principles of the guidance of social development; a discussion at a conference in the Academy of Sciences of the U.S.S.R. Kommunist 39 no. 17:66-72 N '62.

SOCIAL SCIENCES—BIBLIOGRAPHY see Bibliography—Social sciences

SOCIAL SCIENCES—CONGRESSES

Development of communism and social sciences. L. F. Il'ichev. Priroda 51 no 11:3-4 N '62

Let's strengthen the alliance between naturalists and philosophers. M. V. Keldysh. Priroda 51 no 11:5-6 N '62.

SOCIAL SCIENCES—QUOTATIONS, MAXIMS, ETC.

Material self-interest as a sociological category. G. P. Karmyshev. Trudy Inst. filos. i prava AN Kazakh. SSR 6:3-22 '62

SOCIAL SCIENCES—STUDY AND TEACHING

Preparing to teach the course on "Social Science." G. A. Borodach. Sred. spets. obr. 9 no. 10:30-33 O '62.

Social science course as an efficient means for the communist education of students. A. T. Kinkul'kin. Rad. shk. 41 no 11,18-24 N '62.

SOCIALISM see subdivision under Japan

SOCIALIST COMPETITION

(see also subdivision under Uzbekistan)

Beacons! That's what we call the best groups. Zhil.-kom. khoz. 12 no. 11:3 N '62

Bogdanov, V. [Weavers in the seven-year plan] Tkachi na vakhte semiletki. Stalinabad, Tadzhikgosizdat, 1961. 31 p.

In pre-holiday competition. V. Zhikharenko. Stroitel' 8 no. 10:27-29 O '62.

Let's inculcate a communist attitude toward labor. Prof.-tekh. obr. 19 no. 10.1-2 O '62.

The "Lugansk Hour" competition in the mines of Luganskugol' Combine. IU. I. Dmitrienko and others Ugol' Ukr. 6 no. 5:23-26 My '62.

Machine tools are used more efficiently. S. Forisenkov, V. Rudchenko. Sov. profsoiuzy 18 no. 21 7-9 N '62

Soviet man's good name. A. Shklover. Nar. khoz. Uzb. 4 no. 10 18-22 O '62

What is the innovator's goal? V. Verkhovod'ko, V. Stanilevich. Sov. profsoiuzy 18 no. 21 13-14 N '62

Zubrev, I. P. [More production per unit of equipment] Bol'she produktsii s edinitsy oborudovaniia. [Moskva] Mosk. rabochii, 1962. 36 p. (Novatory semiletki)

SOCIALIST PARTY see subdivision under Germany, United States

SOCIALIST REALISM

Petrov, S. M. [Problems of realism in fiction] Problemy realizma v khudozhestvennoi literature. Moskva, Izd-vo Akad. pedagog. nauk RSFSR, 1962. 302 p. (Pedagogicheskaia biblioteka uchitelia)

SOCIOLOGY

Efforts of bourgeois empirical sociology to find a way out of its crisis. G. M. Andreeva. Nauch. doki. vys. shkoly; filos. nauki 5 no. 5.33-41 '62.

Novikova, L. I. [Critical evaluation of present-day bourgeois sociology] Kritika sovremennoi burzhuaznoi sotsiologii; uchebnoe posobie po kursu "Istoricheskii materializm." Moskva, Mosk. inzhenerno-ekon. in-t im. Sergo Ordzhonikidze, 1961. 27 p.

SOCIOLOGY—BIBLIOGRAPHY see Bibliography—Sociology

SOCIOLOGY—RESEARCH

Special sociological studies and their role in Marxist sociology. G. V. Osipov and others Nauch. doki. vys. shkoly; filos. nauki 5 no. 5:21-32 '62

SODIUM ALCOHOLATES

Nucleophilic substitution in the aromatic series. Part 1. Mechanism of the interaction of 1, 2, 4, 5-tetrachlorobenzene with sodium methylate in anhydrous and aqueous methyl alcohol. S. M. Shein, V. A. Ignatov. Zhur. ob. khim. 32 no. 10:3220-3222 O '62.

Nucleophilic substitution in the aromatic series. Part 2. Kinetics of the reaction of 1, 2, 4, 5-tetrachlorobenzene with natrium methylate in anhydrous methyl alcohol. S. M. Shein, V. A. Ignatov. Zhur. ob. khim. 32 no. 10 3223-3227 O '62.

SODIUM HYPOSULFITE

Problem of the pharmacodynamics of sodium hyposulfite. P. P. Gol'shenkov. Uch. zap. Mord. gos. un. no. 13:143-153 '60.

Therapeutic effect of sodium hyposulfite in the poisoning of animals with phenol or creolin. P. P. Golyshenkov. Uch. zap. Mord. gos. un. no. 13 164-178 '60.

SODIUM LACTATE

Use of sodium lactate in the compound treatment of tetanus [with summary in English]. G. A. Ivashkevich Vrach. delo no. 8:111-114 Ag '62.

SODIUM PYROPHOSPHATE

Preparation of a tetrasodium pyrophosphate decahydrate food product based on phosphoric acid obtained by the extraction method. I. L. Glofman, K. S. Zotova, L. M. Alekseshina Khim. prom. no. 9-630-632 S '62.

SODIUM THIOSULFATE

Effect of sodium thiosulfate on the clinical course of hypertension and the content of adrenal substances in the blood [with summary in English]. V. IA. Kononenko, I. F. Semenko. Vrach. delo no. 8:28-31 Ag '62.

SOFIA—SYMPHONY ORCHESTRAS

Wonder orchestra. Rositsa Batalova. Sov. muz. 26 no. 9:123-125 S '62.

SOFT DRINKS

Korolev, D. A., L. I. Chekan, and M. T. Denshchikov. [Technology of the production of soft drinks] Tekhnologiia bezalkogol'nykh napitkov. Moskva, Pishchepromizdat, 1962. 514 p.

SOIL BIOLOGY see subdivision under Hungary

SOIL CEMENT

The SM-897 unit for making soil-cement blocks. K. S. Bernatovich and others. Stroi. i dor. mash. 7 no. 10: 28-30 O '62.

SOIL CHEMISTRY

Means to determine the acidity, nitrates and available forms of phosphorus and potassium in the soil. L. T. Andrianov. Shkola i proizv. 6 no. 5.47-52 My '62.

Role of physiologically active substances of soils, humic acids, bitumens, and vitamins B_2, C, P-P, A, and D in the life of plants and ways for replenishing them [with summary in English]. L. A. Khristeva, N. V. Luk'ianenko. Pochvovedenie no. 10:33-37 O '62.

SOIL CONSERVATION
(see also subdivision under Ukraine)

Controlling erosion in crop rotations including row crops. S. S. Sobolev. Zemledelie 24 no. 6 22-27 Je '62

Soil protection against water erosion in crop rotations including row crops. T. F. Antropov. Zemledelie 24 no. 10 68-73 O '62

SOIL CONSERVATION—EXHIBITIONS

Problems of soil erosion control as demonstrated at the Exhibition of Achievements of the National Economy of the U. S. S. R. A. K. Petrov. Zemledelie 24 no. 10:77-84 O '62.

SOIL FAUNA

Biocenotic relations between predatory animals of the soil fauna. W. Kaczmarek. Vop. ekol. 4:34-36 '62.

Regular features in the distribution of nematodes in soils and plants. F. S. Kir'ianov. Zashch. rast. ot vred. i bol. 4 no. 6:28-29 N-D '59

Soil pests of corn in Stavropol Territory and means of controlling them. N. G. Sindiashkina. Trudy Stavr. sel'khoz. inst. no. 9 99-108 '60

Tasks in the field of controlled reorganization of soil fauna. M. S. Giliarov. Vop. ekol. 4:21-22 '62.

SOIL FERTILITY see subdivision under Transcarpathia, Uzbekistan

SOIL FORMATION
(see also subdivision under Hungary)

Effect of valley reservoirs on areas adjacent to the forebay and the afterbay. S. A. Vladychenskii. Vest. Mosk. un. Ser. 6: Biol., pochv. 17 no. 5:52-64 S-O '62.

SOIL FREEZING

Rock freezing without brine. P. A. Shparber. Ugol' Ukr. 6 no. 5:21-22 My '62.

SOIL MECHANICS

Comparison of the dynamic features of recordings of weak earthquakes and the nature of the ground. E. N. Sedova. Trudy Inst. fiz. Zem. no. 25 211-225 '62.

Roza, S. A. [Soil mechanics] Mekhanika gruntov. Moskva, Gos. izd-vo "Vysshaia shkola," 1962. 228 p.

SOIL MECHANICS—RESEARCH

Abramov, L. T., M. V. Averochkina, and N. D. Kocherova. [Antiheaving measures on railroads] Protivopuchinnye meropriiatiia na zheleznykh dorogakh. Moskva, Transzheldorizdat, 1962. 22 p.

SOIL MOISTURE
(see also subdivision under Kokchetav Province, Kuybyshev Province; Volga Valley)

Capillary rise of water in sandy soils of various moistures. S. A. Vladychenskii. Pochvovedenie no. 10 62-66 O '62.

Larionov, A. K., V. M. Alekseev, and G. A. Lipson. [Soil moisture and present methods of determining it] Vlazhnost' gruntov i sovremennye metody ee opredeleniia. Moskva, Gosgeolitekhizdat, 1962. 133 p.

Simultaneous determination of the volumetric weight and moisture of soil. O. P. Kovtun. Visnyk sil'hosp. nauky 5 no. 5 101-106 My '62

SOIL PHYSICS
(see also subdivision under Ararat region)

Effect of trackslaying and wheeled tractors on some physical properties of soil. V. I. Kuzakov. Trudy Stavr. sel'khoz. inst. no. 9, 133-136 '60.

Physical characteristics and water balance of Chernozem soils in Kokchetav Province, Virgin Territory [with summary in English]. E. V. Kulakov, I. D. Gromyko. Pochvovedenie no. 10:67-77 O '62

SOIL POLLUTION

Pollution with phenols of the soil, subsurface waters and bottom sediments in the region of the combine "Stalina." Z. V. Soboleva, M. A. Shvetsova, P. V. Shvetsov. Trudy LSGMI no. 68:167-172 '61.

SOIL RESEARCH

Emel'ianov, V. A. [Gamma rays and neutrons in field investigations for soil improvement purposes; theory and practice of the use of gamma-ray and neutron methods] Gamma-luchi i neitrony v polevykh pochvenno-meliorativnykh issledovaniiakh; teoriia i praktika primeneniia gamma-luchevykh i neitronnykh metodov. Moskva, Gosatomizdat, 1962. 221 p.

Twenty-fifth anniversary of the Department of Soil Science of the Voronezh State University. IU. G. Churilina. Pochvovedenie no. 10:115-116 O '62.

SOIL STABILIZATION

Conference on the stabilization and packing of soils. K. P. Mel'nikova. Vest. Mosk. un. Ser. 4:Geol. 17 no. 5:75 S-O '62.

Experience with construction of industrial buildings on macroporous soil. B. M. Bolnov, V. I. Bondarenko. Prom. stroi. 40 no. 8:9-11 '62.

SOIL STRUCTURE

Microstructure and microaggregation of soils in relation to the washing off and deposit formation [with summary in English]. A. I. Romashkevich. Pochvovedenie no. 10:56-61 O '62.

SOIL TEMPERATURE

Acquainting students with some aspects of the physics of agriculture. N. S. Antropova Fiz. 22 no. 2.69-71 Mr-Ap '62.

SOILS see subdivision under Armenia, Komi A. Vilyuy Valley

SOILS—ANALYSIS
(see also subdivision under Ashkhabad region, Novgorod)

Methods of soil decomposition during the determination of the total content of a series of micro- and ultramicro-elements. G. Rinkis. Izv. AN Latv. SSR no. 7 '62.

Some new methods for the preparation of thin sections [with summary in English]. M. N. Pol'skii. Pochvovedenie no. 10:104-111 O '62

SOILS—BIBLIOGRAPHY see Bibliography—Soil

SOILS—CLASSIFICATION see subdivision under Black Earth region

SOILS—COBALT CONTENT see subdivision under Kazakhstan Province

SOILS—COMPOSITION
(see also subdivision under Gegamskiy Range)

Trace element content of gley soils rich in humus carbonates and their dynamics. M. I. Orlova. Zap. Mord. gos. un. no. 13 38-48 '60.

SOILS—ELASTIC PROPERTIES

Detailed study of the seismic characteristics of situ. A. V. Nikolaev. Trudy Inst. fiz. Zem. no. 167-210 '62

SOILS—MAPS

Soil maps and their importance in the improvement of land cultivation. A. M. Mamytov. Zemledelie no. 10:39-42 O '62.

SOILS—MICROBIOLOGY

Materials from laboratory studies of the survival of soil of some enteroviruses (poliomyelitis, ECHO, Sackie) [with summary in English]. G. A. Bagdasarian. Vop. virus. 7 no. 5:551-554 S-O '62

Use of the phage titer growth reaction for study of ways of infection transmission in dysentery. B. Poniavin. Zdrav. Bel. 8 no. 7.59-61 Jl '62.

SOILS—PHOSPHORUS CONTENT

Using an anion exchanger for determining available phosphates in soils [with summary in English]. Chzhan Fu-chzhu [Chang Fu-chu]. Pochvovedenie no. 10 101-104 O '62.

SOILS AND CROPS see Crops and soils

SOKAL' DISTRICT—FUR FARMING

A fur farm. V. Holubiev. Ukraina no. 23 27 D

SOKOLOV, DMITRII IAKOVLEVICH, 1890-1962

Dmitrii IAkovlevich Sokolov. Gidr. i mel. 14 no. 64 O '62.

SOLAR BATTERIES

Photoelectric solar energy converters using GaAs. A. A. Gutkin and others. Radiotekh. i elektron. no. 12.2095-2096 D '62.

SOLAR ENGINES see subdivision under Turkmenia

SOLAR PLEXUS

Role of the vagus nerves in the organization of the plexus. L. V. Varianian. Trudy Erev. med. inst. 121-128 '60.

SOLAR RADIATION
(see also subdivision under Arctic regions)

Clustering of Merino sheep as a means of protection against intensive insolation in the South. V. Fliak. Vop. ekol. 4:82-84 '62.

Hypothesis of corpuscular solar fluxes with force-magnetic fields. E. N. Mogilevskii. Geomag. i aer. no. 1:48-55 Ja-F '62.

Intensity of the sun's short-wave radiation and the role of the ionization and recombination processes in the ionosphere. G. S. Ivanov-Kholodnyi. Geomag. i aer. 2 no. 3:377-406 My-Je '62.

Interaction of solar corpuscular streams with comet atmospheres [with summary in English]. L. S. Mirnik. Astron. zhur. 39 no. 6:1067-1073 N-D '62.

Magnetohydrodynamic instability of solar corpuscular streams [with summary in English]. V. P. Dokuchaev. Astron. zhur. 39 no. 6:1099-1013 N-D '62.

Morphology of magnetic ionospheric disturbances dependent on the solar activity foval and the nature of onset of geomagnetic storms. V. G. Dubrovskii, S. Kramarenko. Geomag. i aer. 2 no. 1:121-126 Ja-F '62.

Shabanskii, V. P. ed. [Solar corpuscular streams and their interaction with geomagnetic field. Translated from the English] Solnechnye korpuskuliarnye potoki i ikh vzaimodeistvie s magnitnym polem Zemli. Moskva, Izd-vo inostr. lit-ry, 1962. 438 p.

Short-wave solar radiation; survey. G. M. Nikol'skii. Geomag. i aer. 2 no. 1:3-37 Ja-F '62.

SOLAR RADIATION—OBSERVATIONS

Observations of solar radiation in Volgograd on February 15, 1961, by means of a gas-discharge counter. P. P. Orlov. Biul VAGO no.32 35-36 '62.

Three-stage photoelectric transistorized tracking system. I.IA.Badinov. Isk.sput.Zem. no.14;74-80 '62.

SOLAR RADIATION—SPECTRA see subdivision under Tashkent region

SOLAR SPECTRUM see Spectrum, Solar

SOLAR SYSTEM

Shmidt, O.IU. [Origin of the earth and planets] Proiskhozhdenie Zemli i planet. Moskva, Izd-vo Akad. nauk SSSR, 1962. 120 p.

SOLDER AND SOLDERING—SAFETY APPLIANCES

Efficient local ventilation during the soldering process. V.Gornostaev. Okhr.truda i sots.strakh. 5 no.10: 30 O '62.

SOLDIERS—RECREATION see subdivision under Bulgaria

SOLIDIFICATION

Solidification of square section steel castings. A.A. Skvortsov. Izv.vys.ucheb.zav., chern.met. 5 no.10: 155-165 '62.

SOLIGORSK REGION—MINE ROOF BOLTING

Rod bolting in the Soligorsk potassium mine. N.G. Luk'ianov. Gor.zhur no.12 55-59 D '62

SOLONETZ SOILS

Sugar beets in the Chestnut Solonetz soils of Zaporozh'ye Province. P.I.Nemykin. Zhivotnovodstvo 23 no.2: 19-20 F '61.

SOLOV'EV, ZINOVII PETROVICH, 1876-1928

Z.P.Solov'ev, one of the pioneers in Soviet public health. A.K. Kosach. Zdrav.Bel. 7 no 11 61-62 N '61.

SOLUBILITY

Mutual solubility in the system uranyl nitrate - water - isopropyl ether. V.M. Vdovenko, I.G. Suglobova, M. Morel. Radiokhimiia 4 no.4,386-392 '62.

"Reference guide on solubility. Vol.1: Binary systems" Reviewed by V.A Zhuzhikov. Khim.prom. no.9 696 S '62.

Solubility of gases in mixtures of nonelectrolytes. I.L. Leitos, F.P. Ivanovskii. Khim.prom. no.9:653-657 S '62

Studying the simultaneous solubility of bismuth and magnesium, antimony and magnesium in molten lead. P.I Fedorov, V.I Shachnev. Izv.vys.ucheb.zav.,tsvet met. 5 no.3 94-99 '62

Temperature dependence of the metastable solubility of monocalcium aluminate. Z.D Tulovskaia, E.E.Segalova, P.A.Rebinder. Dokl AN SSSR 147 no.1,153-154 N '62

SOLUTIONS, SOLID

Effect of heat removal through the ends of an ingot on the results of zonal smelting [with summary in English] L.G. Zabolina and others. Inzh.-fiz.zhur. 5 no 8:81-83 Ag '62.

Formation of solid solutions in high titanium slags. M.S.Model'. Dokl.AN SSSR 146 no.4:871-873 O '62.

X-ray diffraction study of radial distribution in amorphous solid solutions of $S - As_2S_3$. G.S Zhdanov, A.I Soklakov. Kristallografiia 7 no.4:555-559 Jl-Ag '62.

SOLVENTS

Mechanism of the extraction of elements by means of oxygen-containing solvents. V.I. Kuznetsov, I.V. Serjakova. Ekstr.; teor., prim., app. no.1:104-111 '62.

SOMATOTROPIN

Effect of a somatotropic hormone of the hypophysis on gas exchange in rats of different ages in the recovery period after hypothermia [with summary in English]. N.A. Iakhenko. Probl.endok.i gorm. 8 no.4:29-34 Jl-Ag '62.

SONAR

Use of sonar in mining. D.A. Kazakovskii and others. Gor.zhur. no.6:58-62 Je '62.

SORGHUM

Aftermath and capacity of shoot reproduction of sweet sorghum. P.F.Kotov, P.P.Oleinik Agrobiologiia no.5:791-793 S-O '62.

SORGHUM—DISEASES AND PESTS

Charcoal rot of sorgo and corn caused by Sclerotium bataticola (Taub.). M.A. Chumaevskaia. Zashch. rast. ot vred.i bol. 7 no.5,56 My '62.

Conference on stem rot in corn and sorgo. N.K. Zashch.rast.ot vred.i bol. 7 no.3:15 Mr '62.

SORGHUM—IRRIGATION see subdivision under Kara-Kalpak A.S.S.R.

SORMITE—HEAT TREATMENT

Heat treatment of sormite-type alloys. V.A.Samylov. Metalloved.i term.obr.met. no.8:48-50 Ag '62.

SORPTION

Evaluation of the flexibility of polybutylene chains based on sorption data G.M Pavliuchenko, T.V Gatovskaia, V.A Kargin. Dokl AN SSSR 147 no.1:150-152 N '62

Oxygen sorption during the combustion of carbon (coke) [with summary in English]. L.N.Khitrin, M.B Ravich, L.L.Kotova Inzh.-fiz.zhur. 5 no 8,17-22 Ag '62.

Sorption of chlortetracycline by anion exchange resins. G.V.Samsonov, V.IA.Vorob'eva. Trudy Len.khim.-farm.inst. no.15;191-194 '62.

Sorption of radioactive cobalt by peats. V.F Oreshko, A.I. Berdnikov, V.V. Prezhbyl'skii Radiokhimiia 4 no.4 499-502 '62

Study of the conditions for the reversibility of the sorption of penicillin sorbed in the presence of sulfates and phosphates on the nonselective sorbing EDE-10 anion exchanger. G.V.Samsonov and others. Trudy Len. khim.-farm inst no.15;75-80 '62.

SOUL

What is the soul? A Zubkov. Komm.Mold. 7 no.7 58-65 Jl '62.

SOUND—APPARATUS

Apparatus for precipitating particles of zinc oxide aerosols in a low-frequency acoustic field. V.I. Nikitenko, V.I Turubarov. Akust.zhur 8 no.3;370-372 '62

SOUND—BIBLIOGRAPHY see Bibliography—Sound

SOUND—RECORDING AND REPRODUCING

Wows and their manifestation in sound reproduction. E.A. Besschetnov. Tekh.kino i telev. 6 no.11;16-22 N '62.

SOUND—RECORDING AND REPRODUCING—BIBLIOGRAPHY see Bibliography—Sound—Recording and reproducing

SOUND LENSES

Aberration characteristics of sound lenses. P.D. Tartakovskii. Akust.zhur. 8 no.3;350-357 '62

SOUND WAVES

Amplitude and phase fluctuations of sound waves reflected from a sinusoidal surface E.P.Gulin Akust.zhur. 8 no.3;285-291 '62.

Calculating the amplification factor of a sound wave falling obliquely on a parabolic mirror. T.S.Belle, V.M. Gorbunkov, L.D. Rozenberg. Akust.zhur. 8 no 3: 273-280 '62.

Coherent sound scattering from accumulations of discrete inhomogeneities in the case of pulse radiation. V.P Glotov. Akust.zhur. 8 no.3;281-284 '62.

Scattering of sound from a doubly rugged surface. V.F. Kur'ianov. Akust.zhur. 8 no.3;325-333 '62.

Statistical properties of sound signals reflected from a turbulent sea surface. E.P.Gulin, K.I Malyshev. Akust.zhur. 8 no.3;292-300 '62.

SOUTH AFRICA, REPUBLIC OF—RACE DISCRIMINATION

The policy of racial discrimination in the Republic of South Africa. D.Mukhamedova. Nauch.rab.i soob. Otd.obshchestv.nauk AN Uz.SSR 4:371-378 '61.

SOUTH AFRICA, REPUBLIC OF—SHAFT SINKING

Rapid shaft sinking (from "The South African Mining and Engineering Journal," no.3000, 1962 and "The Mining Journal," no 6608, 1962) N.K. Golovachev Gor.zhur. no 12 57 D '62

SOUVENIRS (KEEPSAKES) see subdivision under Armenia

SOVEREIGNTY

"Some problems of territorial sovereignty" by C. Berezowski. Translated from the Polish. Reviewed by B.I. Kozhokhin. Izv.vys.ucheb.zav., prav 6 no.3,181-182 '62.

SOVETSKIY DISTRICT (ROSTOV PROVINCE)—ACCOUNTING

Records of wastefulness. G.S. Gotsuliak. Uchet i fin.v kolkhoz.i sovkhoz. 19 no.7;34-36 Jl '62.

SOVIET BLOC see Communist Countries

SOVIET CENTRAL ASIA—ARCHIVES

A regional conference of the archivists of Central Asia and Kazakhstan. L.N. Krivoshein. Ist.arkh. 8 no.1: 240 Ja-F '62.

SOVIET CENTRAL ASIA—BORING—LABOR PRODUCTIVITY

Improvement of work organization is the most important factor in increasing labor productivity in test drilling. B.M. Fofanov. Uch.zap.SAIGIMSa no.5: 135-142 '61.

SOVIET CENTRAL ASIA—BOTANY

Korovin, E.P. [Vegetation of Central Asia and southern Kazakhstan] Rastitel'nost' Srednei Azii i IUzhnogo Kazakhstana. Izd.2., dop. i perer. Tashkent, Izd-vo Akad. nauk UzSSR,
Book 2, 1962, 647 p.

SOVIET CENTRAL ASIA—COTTON GROWING

Pave the way for new defoliants and desiccants. Nar. khoz Uzb. 4 no 10 33 O '62.

SOVIET CENTRAL ASIA—CYTOSPORA

Breeding poplar for resistance to Cytospora infection and Aspidiotus slavonicus infestation [with summaries in English, German, and French] G.P. Ozolin Vest sel'khoz. nauki 7 no 9 104-105 S '62

SOVIET CENTRAL ASIA—DESERTS

Basic problems of the transformation of the nature of deserts and semideserts in the U.S.S.R. and the utilization of their natural resources. M.P. Petrov. Izv AN Turk.SSR,Ser biol.nauk no 5 3-9 '62.

SOVIET CENTRAL ASIA—FAULTS (GEOLOGY)

Classification of extensive faults in geosynclinal regions, as exemplified by Kazakhstan and Central Asia A.I Suvorov Dokl AN SSSR 147 no.1;191-194 N '62

SOVIET CENTRAL ASIA—HISTORY

Noncapitalist development of backward peoples S.N. Ikonnikov. Ist.SSR 6 no.6 209-212 N-D '62

Novoselov, K.N. [Against the bourgeois falsifiers of the history of Central Asia] Protiv burzhuaznykh fal'sifikatorov istorii Srednei Azii. Ashkhabad, Turkmengosizdat, 1962. 318 p

SOVIET CENTRAL ASIA—KARAKUL SHEEP

Ways for increasing the production of golden karakuls. D.F Boiko Zhivotnovodstvo 23 no.2 58-65 F '61

SOVIET CENTRAL ASIA—MOLYBDENUM ORES

Distribution of rhenium in molybdenites in Central Asia [with summary in English]. S.T. Badalov, S.M. Bastova, L.I.Godunova. Geokhimiia no.9 813-817 '62.

SOVIET CENTRAL ASIA—NATIONALITIES

"The Union Republics in Soviet diplomacy; a study of Soviet federalism in the service of Soviet foreign policy" [in English] by Vernon V. Aspaturian Reviewed by N.Saginbykov. Part.zhizn' Kazakh. 32 no.11;74-77 N '62.

SOVIET CENTRAL ASIA—NATURAL RESOURCES

Basic problems of the transformation of the nature of deserts and semideserts in the U.S.S.R. and the utilization of their natural resources. M.P Petrov. Izv. AN Turk.SSR,Ser.biol.nauk no 5:3-9 '62.

SOVIET CENTRAL ASIA—POLITICS AND GOVERNMENT

All-Union meeting in Dushanbe. A.K. Valiev. Obshchestv.nauki v Uz 6 no 9:69-70 '62

SOVIET CENTRAL ASIA—POPLAR—DISEASE AND PEST RESISTANCE

Breeding poplar for resistance to Cytospora infection and Aspidiotus slavonicus infestation [with summaries in English, German, and French] G.P. Ozolin Vest sel'khoz. nauki 7 no 9:104-105 S '62

SOVIET CENTRAL ASIA—PORCELAIN

"Kashgar" porcelain in Central Asia; late 19th and early 20th centuries G.N. Chabrov Sov etn no 5 117-124 S-O '62.

SOVIET CENTRAL ASIA—POWER RESOURCES

The role of the gas industry of Uzbekistan in the territorial industrial centers of Central Asia. U.K. Sadykov. Nauch.rab.i soob. Otd. obshchestv. nauk AN Uz SSR 1;78-88 '61.

SOVIET CENTRAL ASIA—PROSPECTING

Technical progress and some economic problems of geological prospecting in Central Asia. A.M. Vasil'nitskii. Uch.zap.SAIGIMSa no.5 127-134 '61.

SOVIET CENTRAL ASIA—RECLAMATION OF LAND

Reclamation of desert lands. M.P. Petrov. Vest.AN SSSR 32 no.11;97-98 N '62.

SOVIET CENTRAL ASIA—RECLAMATION OF LAND—CONGRESSES

Integrated use of land and water resources in Central Asia and Kazakhstan. I.F. Rusinov. Gidr.i mel. 14 no.10;51-55 O '62.

SOVIET CENTRAL ASIA—RELATIONS (GENERAL) WITH CHINA

History of the economic, political, and cultural relations between the peoples of Central Asia and China in the ancient times and in the Middle Ages. M. Kutlukov. Nauch.rab.i soob. Otd. obshchestv. nauk AN Uz.SSR 4;340-351 '61.

SOVIET CENTRAL ASIA—RHENIUM

Distribution of rhenium in molybdenites in Central Asia [with summary in English] S.T. Badalov, S.M. Bastova, L.I.Godunova. Geokhimiia no.9;813-817 '62.

SOVIET CENTRAL ASIA—SCALE INSECTS

Breeding poplar for resistance to Cytospora infection and Aspidiotus slavonicus infestation [with summaries in English, German, and French] G.P Ozolin Vest. sel'khoz. nauki 7 no 9 104-105 S '62

SOVIET FAR EAST—COMMUNIST PARTY OF THE *SOVIET UNION*

How the Far East Bureau of the Central Committee of the Russian Communist Party (Bolshevik) struggled for the consolidation of the party organization of the Soviet Far East, November 1922-November 1925. A.V. Osipova. Vop.ist.KPSS 6 no.6;104-115 '62.

SOVIET FAR EAST—ECONOMIC GEOGRAPHY

Liubimov, L. M. [The farthest corner, the Far East is the territory of countless riches] Samyi dal'nii, Dal'nii Vostok - kraĭ nesmetnykh bogatstv. Moskva, Izd-vo "Znanie," 1962 38 p (Novoe v zhizni, nauke, tekhnike. XII Seriia. Geologiia i geografiia, no 17)

SOVIET FAR EAST—GEOLOGY, ECONOMIC

Achievements of the Far Eastern geological survey during the 40 years of Soviet power V A IArmoliuk. Razved i okhr. nedr 28 no. 10 1-6 O '62.

SOVIET FAR EAST—GEOLOGY, STRUCTURAL

Rudich, E M. [Basic characteristics of the tectonic development of Sakhalin, Japan, and the Maritime Territory as the transition zone from the continent to the ocean) Osnovnye zakonomernosti tektonicheskogo razvitiia Primor'ia, Sakhalina i IAponii kak zony perekhoda ot kontinenta k okeanu Moskva, Izd-vo Akad. nauk SSSR, 1962 271 p.

SOVIET FAR EAST—HISTORY

How the Communist Party struggled for the consolidation of the Soviet regime in the Far East, 1922-1925 V. I. Pletnikov. Vest Mosk un Ser 9 Ist 17 no 6 3-15 N-D '62

SOVIET FAR EAST—MERCHANT MARINE

[History of the Far Eastern Steamship Line] Istoriia Dal'nevostochnogo parokhodstva, ocherki. Moskva, Izd-vo "Moskoi transport," 1962. 263 p.

SOVIET FAR EAST—NAUTICAL TRAINING SCHOOLS

Kolotov, N.A. [History of merchant marine education in the Far East] Istoriia morskogo obrazovaniia na Dal'nem Vostoke. Moskva, Izd-vo "Morskoi transport," 1962. 197 p.

SOVIET FAR EAST—SOYBEAN—DISEASES AND PESTS

Dangerous soybean diseases in the Far East (to be continued) A I Nikitina Zashch. rast. ot vred i bol 7 no 7 37-40 Jl '62

SOVIET UNION see Russia

SOVIETS

(see also subdivision under Estonia, Krasnodar Territory, Radomyshl' District, Turkestan, Ukraine, Uzbekistan)

Babkov, I. V. [Local organs of state rule] Mestnye organy gosudarstvennoi vlasti. Tashkent, Gosizdat UzSSR, 1962. 61 p.

The 45th October Pozh delo 8 no 11 1 N '62

Let us improve the legal rules which regulate the work of the local soviets of workers' deputies V Barakhtian, R. Pavlovs'kyi Rad pravo no. 6 27-33 N-D '62.

Organov, N. N. [The party and the soviets] Partiia i Sovety, lektsii, prochitannye v Vysshei partiinoi shkole pri TsK KPSS. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1962 65 p. (Partiinoe stroitel'stvo: kurs lektsii)

The principal directive--sensitiveness and concern for the needs of the people IU Alikin Sov shakht 11 no 11 20-21 N '62

SOYBEAN

Sowing soybean along with gramineous crops. I A. Lebedev. Zhivotnovodstvo 23 no 2 15-19 F '61.

SOYBEAN—DISEASES AND PESTS see subdivision under Soviet Far East

SPACE AND TIME

Space - time approach to quantum field theory [with summary in English] G. V. Riazanov Zhur eksp i teor fiz 43 no 4 1281-1287 O '62

SPACE BIOLOGY

Biosphere of a space ship cabin. V. Borisov, A. Sergeev. Nauka i zhizn' 29 no. 5 38-41 My '62.

K. E. TSiolkovskii on man's long interplanetary voyages. Nauka i zhizn' 29 no. 5 41 My '62

Space biology as a new field of scientific research. A. A. Imshenetskii. Vest. AN SSSR 32 no. 11 58-63 N '62.

SPACE FLIGHT TO MARS

Outstanding victory of Soviet science Priroda 51 no 11 1 N '62.

The secrets of Mars, an interview with Professor B Kukarkin Nov vrem 20 no 48 10-11 N '62.

SPACE FLIGHT TRAINING

Sisakian, N. M., and V. I. IAzdovskii, eds. [First space flights of man, the scientific results of the medicobiological research conducted during the orbital flights of the spaceships "Vostok" and "Vostok-2"] Pervye kosmicheskie polety cheloveka, nauchnye rezul'taty mediko-biologicheskikh issledovanii, provedennykh vo vremia orbital'nykh poletov korablei-sputnikov "Vostok" i "Vostok-2." Moskva, Izd-vo Akad. nauk SSSR, 1962. 202 p

SPACE LAW

"Outer space and international law, collected articles." Reviewed by N A Ushakov. Sov. gos. i pravo 32 no. 11 146-148 N '62.

Outer space, peace, and national sovereignty. T. Gebrowski Sov gos. i pravo 32 no. 11 84-89 N '62.

SPACE MEDICINE

Sisakian, N. M., and V. I. IAzdovskii, eds. [First space flights of man; the scientific results of the medicobiological research conducted during the orbital flights of the spaceships "Vostok" and "Vostok-2"] Pervye kosmicheskie polety cheloveka; nauchnye rezul'taty mediko-biologicheskikh issledovanii, provedennykh vo vremia orbital'nykh poletov korablei-sputnikov "Vostok" i "Vostok-2." Moskva, Izd-vo Akad. nauk SSSR, 1962. 202 p.

SPACE VEHICLES

Dobronravov, V. V. [Technique of space flights] Tekhnika kosmicheskikh poletov. "Moskva, Izd-vo "Znanie," 1962, 39 p. (Novoe v zhizni, nauke, tekhnike. V Serila Tekhnika, no. 18)

Space ships. A. G Masevich. Nauka i rel. 1 no 10. 8-11 O '62

SPACE VEHICLES—ABSTRACTS

[Rocket engineering and space flight equipment] Ref. zhur. Otd. vyp. 41: Raket. tekh. i app. kosm. pol. no. 23 D '62.

SPACE VEHICLES—PROPULSION SYSTEMS

In space with a solar sail. V. Levantovskii. Av. i kosm. 45 no. 11 26-31 '62.

SPACES, GENERALIZED

Character of certain types of complex equilibrium states in n-dimensional space R. M. Minta Dokl AN SSSR 147 no. 1;31-33 N '62.

A complex semiordered space and moduli over it. S. N. Slugin. Dokl. AN SSSR 147 no. 2;305-309 N '62.

Conjoint invariants of the sections of a pair of quadrics by a plane in a multidimensional complex projective space. S. L. Pevzner. Ukr. mat. zhur 14 no 2;217-219 '62.

Equivalent normalizations of fractional spaces. K. k. Golovkin. Trudy Mat. inst. 66,354-383 '62

SPAIN—CIVIL RIGHTS

Franco's terror Bernardo Carlos. Nov vrem 20 no. 48 14-15 N '62.

SPAIN—POLITICS AND GOVERNMENT

Franco's terror. Bernardo Carlos. Nov. vrem. 20 no 48 14-15 N '62.

SPANISH LANGUAGE—GRAMMAR

Velikopol'skaia, N. A. [Learn to speak Spanish] Uchites' govorit' po ispanski. Moskva, Izd-vo In-ta mezhdunarodnykh otnoshenii, 1962. 241 p.

SPARK-EROSION MACHINING see Electric metal cutting

SPARK PLUGS—TESTING

Is the spark plug operating? G. Getsov. Za rul. 20 no. 11;27 N '62.

SPARROWS see subdivision under Dushanbe region; Uel'kal'

SPARROWS—EXTERMINATION see subdivision under Tajikistan

SPECIES

Interspecific relations as a mechanism of evolution. N. I. Larina. Vop. ekol. 4;48-49 '62.

Theory of the biological progress of the species and its significance in ecology. N. L. Gebril'skii. Vop. ekol. 4:20 '62.

SPECIFIC GRAVITY

Automatic control of specific gravity in a flow. R. B. Gun, M. B. Rybak. Khim i tekh. topl. i masel 7 no 5 60-65 My '62.

SPECTROCHEMISTRY

Analytical applications of long-wave infrared spectroscopy (survey). N. G. IAroslavskii. Zav. lab. 28 no. 8; 944-949 '62.

SPECTROGRAPH

Extraecliptic coronograph with a high-dispersion stationary spectrograph. G. M. Nikol'skii, V. P. Proshin, A. A. Sazanov. Geomag. i aer. 2 no. 3, 523-540 My-Je '62.

SPECTROGRAPHY

Spectrophotography of snow, firn, and ice on Mount Elbrus S. I. TSuprun. Inform. shor. o rab. Geog. fak. Mosk. gos. un po Mezhdunar. geofiz. godu no. 7:104-108 '61.

SPECTROMETER

Magnetic spectrometer with a nonhomogeneous field [with summary in English]. I. F. Barchuk and others. Ukr. fiz zhur. 7 no 1 15-21 Ja '62.

TSLA nuclear magnetic resonance spectrometer and results of its use. A. N. Liubimov, A. F. Vasenik, I. IA. Slonim. Zav. lab. 28 no. 8;991-995 '62.

SPECTROPHOTOMETER

Electronic spectral apparatus for determining the optical properties of leaves [with summary in English] V. P. Dadykin, B. N. Grushevskii. Fiziol. rast. 9 no. 3 385-389 '62.

SPECTROPHOTOMETRY

Study of the structural units of lignin by methods of paper chromatography and spectrophotometry in the ultraviolet region. I. A Kodina Dokl. AN SSSR 147 no. 1 227-230 N '62.

SPECTRUM, INFRARED

Analytical applications of long-wave infrared spectroscopy (survey). N. G. IAroslavskii. Zav. lab. 28 no. 8 944-949 '62.

SPECTRUM, SOLAR

Formation of K_3 and H_3 type absorption components on the emission line background of the solar spectrum [with summary in English]. V. L. Khokhlova. Astron. zhur. 39 no. 6 1127-1129 N-D '62.

Identification of solar radiation lines in the short-wave spectral region $\lambda \leq 1100$ Å. G. S. Ivanov-Kholodnyi, G. M. Nikol'skii Geomag. i aer 2 no. 3 425-432 My-Je '62.

Sensitive Bl I lines in the solar spectrum [with summary in English]. V. P. Kuchalov. Astron. zhur. 39 no. 6 977-980 N-D '62.

SPECTRUM ANALYSIS

Concerning a variation of the method of quantitative spectral analysis. A. L. Stolov. Zav. lab. 28 no. 8; 1016-1017 '62.

Determining zirconium and yttrium by spectrum analysis. A. A. Berdyev, L. I. Golovkova, IA. Karakhanov. Trudy fiz.-tekh. inst. AN Turk SSR 8:6-16 '62.

Effect of the structure of a sample and of its mass on the results of spectral analysis. I. A. Gribkit. Zav. lab. 28 no. 11;1327-1328 '62.

"Emission spectral analysis of atomic source materials" by A. N. Zaidel' and others. Reviewed by Kh. I. Zil'bershtein. Zav. lab. 28 no. 6 1022-1023 '62.

Exchange of experience. Zav. lab. 28 no. 8;959 '62.

Isotope spectrum analysis. A. N. Zaidel', A. G. Zhiglinskii, G. G. Kund. Biul. kom. po opt. abs. vozz. geol. for-m no 5.60-62 '62.

On the appearance of Brewster bands and superposition bands. N. A. Vlasenko, V. K. Miloslavskii, I. N. Shklyarevskii. Opt. i spektr. 13 no. 2 250-255 Ag '62.

Quantitative spectral analysis of the isotopic composition of oxygen. B. V. L'vov, V. I. Moulchev, S. A. Senfula. Zav. lab. 28 no. 11, 1322-1324 '62.

Rapid determination of oxygen in metals by spectral analysis. S. B. Shubina and others. Zav. lab. 28 no. 8, 942-943 '62.

Theory of the method of atomic absorption analysis. B. V. L'vov. Zav. lab. 28 no. 8;931-938 '62.

SPERANSKII, MIKHAIL MIKHAILOVICH, 1772-1839

M. M. Speranskii's role in the development of legal education in Russia. I. I. Soladkin. Izv. vys. ucheb. zav., prav. 6 no. 3;146-152 '62.

SPERM-OIL see Whale oil

SPERMATOZOA

Characteristics of the spermatozoa of some Issyk-Kul' fishes. A. F. Turdakov. Vop. ikht. 2 no. 2;275-282 '62.

SPHERICAL HARMONICS

Number of nodes of cubature formulas on a sphere. S. L. Sobolev. Dokl. AN SSSR 146 no. 4;770-773 O '62.

SPHINGOSINE

Thin-layer chromatography of sphingosine derivatives. N. K. Kochetkov, L. G. Zlukova, L. S. Glukhoded. Dokl. AN SSSR 147 no. 2;376-379 N '62.

SPHYGMOGRAPHY

Studying the functional state of the central nervous system in neurasthenic patients by the sphygmographic method during compound treatment involving night sleep on open verandas. N. S. Neverova. Vop. kur., fizioter. i lech. fiz. kul't. 27 no. 2;111-116 Mr-Ap '62.

SPIDER WEBS

Infected wounds in rabbits and their treatment with an antibiotic substance made of the cobweb of common synanthropic spiders. G. P. Kirsanov. Uch. zap. Mord. gos. un. no. 13;124-142 '60.

SPIEGEL CASE

The Spiegel case. L. Bezymenskii Nov. vrem. 20 no. 46 16-18 N '62

SPILLWAYS

Calculations of local washouts and some measures to make the construction of spillways easier. B. I. Studenichnikov. Trudy Gidrav. lab. VODGEO no. 8:41-81 '62.

Transfer of water over the crest of a curvilinear spillway with a sharp rim. G. M. Zviagin. Izv. vys. ucheb. zav., energ. 5 no. 10 115-123 O '62

SPINAL CORD

Effect of morphine on interneuronal connections of the spinal cord [with summary in English]. V. P. Lebedev. Farm. i toks. 24 no. 6 651-659 N-D '61

SPINAL CORD—DISEASES

Characteristics of vibration sensitivity and its variability in spinal cord diseases [with summary in French]. M. I. Demenina. Zhur. nevr. i psikh. 62 no. 6, 840-845 '62

Pathological fractures of the bones of the lower extremities with lesions of the spinal cord. V. G. Sanin. Ortop., travm. i protez. 23 no. 5 83-84 My '62

SPINAL CORD—LOCALIZATION OF FUNCTIONS

Compensatory adaptations following ligation of the posterior half of the spinal cord in chickens. G. A. Epremian, L. A. Matinian. Trudy Erev. med. inst. no. 11. 91-96 '60.

SPINDLES (MACHINE TOOLS)—TESTING

Methods and devices for investigating spindle units of machine tools. Iu. N. Sokolov, L. I. Airenshtat. Stan. i instr. 33 no. 11:14-17 N '62.

SPINE—ABNORMITIES AND DEFORMITIES

Differential diagnosis between tuberculosis and developmental anomalies of the spine [with summary in English in insert]. V. P. Gratsianskii. Ortop., travm. i protez. 23 no. 5 42-47 My '62

Surgical anatomy of the thoracic segment of the spine in scoliosis [with summary in English in insert]. I. A. Movshovich. Ortop., travm. i protez. 23 no. 5 21-29 My '62

Surgical treatment of costovertebral humpback in scoliosis. I. M. Mitbreit. Ortop., travm. i protez. 23 no. 5 36-41 My '62

Treatment of lateral curvatures of the spine in children [with summary in English in insert]. V. D. Chaklin, T. A. Abul'masova, A. G. Prokhorova. Ortop., travm. i protez. 23 no. 5:30-35 My '62

SPINE—DISEASES

Method of X-ray diagnosis of spondylolysis and spondylolisthesis. L. B. Fialkov. Ortop., travm. i protez. 23 no. 5 78-79 My '62.

Posterior osteotomy of the spine in severe kyphoses after Bechterew's disease [with summary in English in insert]. Jan Červenanský. Ortop., travm. i protez. 23 no. 5 8-11 My '62.

Some mechanisms of compensation in cervical osteochondrosis [with summary in English in insert]. IA. IU. Popelianskii. Ortop., travm. i protez. 23 no. 5:47-51 My '62.

SPINE—FRACTURE

Folding portable board for transporting patients with fractures of the pelvis and spine. V. S. Smirnitskii. Ortop., travm. i protez. 23 no. 5 70-71 My '62

SPINE—RADIOGRAPHY

Method of X-ray diagnosis of spondylolysis and spondylolisthesis. L. B. Fialkov. Ortop., travm. i protez. 23 no. 5, 78-79 My '62

SPINE—SURGERY

From the experiment to clinical surgery and orthopedics of the spine [with summary in English in insert]. V. D. Chaklin. Ortop., travm. i protez. 23 no. 5 3-8 My '62.

SPINE—TUBERCULOSIS

Differential diagnosis between tuberculosis and developmental anomalies of the spine [with summary in English in insert]. V. P. Gratsianskii. Ortop. travm. i protez. 23 no. 5 42-47 My '62

Fistulae communicating with hollow organs in tuberculous spondylitis [with summary in English]. D. G. Kovalenko. Vest. khir. 87 no. 11:76-82 N '61.

Late results of conservative resection in tuberculosis of the sacroiliac joint [with summary in English]. E. N. Stanislavleva. Vest. khir. 87 no. 11:83-89 N '61.

"Surgery of tuberculous spondylitis." Reviewed by B. S. Kutsenok. Ortop., travm. i protez. 23 no. 5:87-89 My '62.

Surgical treatment of tuberculosis of the thoracic segment of the spine [with summary in English]. IA. B. Iudin. Vest. khir. 87 no. 11:72-76 N '61.

SPINE—WOUNDS AND INJURIES

Posttraumatic deformities of the spine. E. I. Babichenko. Ortop., travm. i protez. 23 no. 5:80-81 My '62.

SPINEL GROUP

Changes in the properties of chromium spinelid during its interaction with magnesium oxide. S. M. Zubakov. Trudy Inst. met. i obog. AN Kazakh. SSR 5:141-146 '62.

SPINNING

Microapparatus for the formation of filaments. O. I. Nachinkin and others. Khim. volok. no. 5:15-16 '62.

Objective method of measuring the unevenness caused by drawing. M. N. Timofeev. Tekst. prom. 22 no. 10: 31-35 O '62.

SPINNING MACHINERY

(see also subdivision under Italy)

Aerodynamic characteristics of ring spinning machine travelers. S. G. Pojov, A. M. Komarov, Z. P. Sinchanovskaia. Tekst. prom. 22 no. 11 77-82 N '62

Aristov, P. I. [New machinery for spinning factories] Novye mashiny pridil'nykh fabrik. [Ivanovo] Ivanovskoe knizhnoe izd-vo, 1961. 133 p. (Khlopchatobumazhnoe proizvodstvo)

Automatic control of the length of mass of the textile lap (continued). A. A. Nemura. Tekst. prom. 22 no. 11 28-32 N '62

Automatic regulation of the mass per unit length of a textile sliver. A. A. Nemura. Tekst. prom. 22 no. 10 28-31 O '62.

Device for the automatic lap doffing from sliver lapping and lap drawing machines. L. Z. Lis. Tekst. prom. 22 no. 11 32-35 N '62

Dimension changes occurring in the upper weight lever saddle of the P-63 and PU-66-2 spinning machines. I. V. Zaklukovskii. Tekst. prom. 22 no. 10:35-36 O '62.

Effect of the condition of the draft of spinning machines on the unevenness and breakage of yarn. A. N. Raidugina. Sbor. nauch.-issl. rab. TTI no. 12:289-294 '61

Experience in the use of suspensions for flyer bobbins. M. P. Stasheva. Tekst. prom. 22 no. 11, 39 N '62.

Modernization of the PTS-250-12 spinning machine. G. A. Malnieev. Khim. volok. no. 5:69-72 '62.

Some observations on the determination of power losses due to the withstanding of air resistance in the rotation of spinning centrifuges. G. D. Selivanova. Sbor. nauch.-issl. rab. no. 12:295-297 '61

SPINNING MACHINERY—TESTING

Determining the change of speed moment in the "Reper" autoregulator. M. B. Beilinson, Z. G. Barinova. Tekst. prom. 22 no. 10:37-40 O '62.

Instruments for measuring the load on the pressure rollers of roving and drawing machines. V. S. Goritskii. Tekst. prom. 22 no. 11 36-38 N '62

SPIROSCOPE AND SPIROSCOPY

Method and results of separate broncho-spirometry in patients with chronic tuberculous empyema [with summary in English]. Z. F. Kalandadze. Khirurgiia no. 1: 96-103 '62.

SPLEEN—DISEASES

Kotovnikov's disease. D. M. TSerentsian. Sov. med. 26 no. 10:139-140 O '62.

SPLEEN—RUPTURE

Observations of a traumatic rupture of the pancreas and spleen. V. P. Zakharov. Klin. khir. no. 6 75-76 Jl '62.

SPLEEN—SURGERY

Anahormones. Report No. 2: Effect of hormonally nonactive pituitary gonadotropins on the frequency of appearance of hyperplasia of ovarian tissue transplanted into the spleen [with summary in English]. V. M. Dil'man, L. P. Blok. Vop. onk. 8 no. 6:115-116 '62.

Some difficult questions in surgery of the spleen [with summary in English]. K. T. Ovnatanian. Khirurgiia no. 12:80-87 '61.

SPLIT—FISHERIES—RESEARCH

Institute of Oceanography and Fisheries in Split, Yugoslavia. N. F. Leont'iev. Okeanologiia 2 no. 5:945 '62.

SPLIT—OCEANOGRAPHIC RESEARCH

Institute of Oceanography and Fisheries in Split, Yugoslavia. N. F. Leont'iev. Okeanologiia 2 no. 5:945 '62.

SPONDYLOTHERAPY

Contraindications to certain types of exercise therapy in patients with cervical osteochondrosis, spondyloarthrosis, and hyperextension subluxation. IA. IU. Popelianskii. Vop. kur., fizioter. i lech. fiz. kult. 27 no. 2:154-159 Mr-Ap '62.

SPORADIC E (IONOSPHERE)

Some results of the statistics of different types of the E_s layer. T. S. Kerblai. Geomag. i aer. 2 no. 3: 495-501 My-Je '62.

SPORES (BOTANY), FOSSIL see subdivision under Kuznetsk Basin

SPORTS

(see also subdivision under Azerbaijan; Moscow, White Russia)

All-Union competitions of rural youth in 1962. Teor. i prak. fiz. kul't. 25 no. 6:77 Je '62.

At the all-Union competition. Prof.-tekh. obr. 19 no. 10: 28 O '62.

Sports glory of a collective farm. B. Vali. Uzbekistan 21 no. 10 23 '62.

There is no room for indifference in sports. N. Dolgikh. Sov. shakht. 11 no. 11 33 N '62

SPORTS—BIBLIOGRAPHY see Bibliography—Sports

SPORTS—ORGANIZATION AND ADMINISTRATION

Some problems in the further improvement of a single All-Union sports classification (as a matter of discussion). E. S. Gromadskii. Teor. i prak. fiz. kul't. 25 no. 8:33-38 Ag '62.

SPRAY PAINTING

Painting of vertical molds. N. I. IUshkan. Lit. proizv. no. 8, 40 Ag '62.

SPRAY PAINTING, ELECTROSTATIC

Effect of electric field intensity on the degree of dispersion of spray guns. E. I. Morozova. Sbor. trud. TSNIICHM no. 28 221-232 '62.

Slit sprayer for the lacquering of a steel strip in an electric field. V. V. Berezovskii. Sbor. trud. TSNIICHM no. 28 233-237 '62.

SPRAY PAINTING, ELECTROSTATIC—TESTING

Device for the investigation of the lacquer spraying process on a corona electrode. V. V. Berezovskii. Sbor. trud. TSNIICHM no. 28 238-240 '62

SPRAYING AND DUSTING EQUIPMENT

(see also subdivision under Uzbekistan)

Adjusting the hydraulic field sprayer for the assigned spraying rate. IA. A. Meisakhovich. Zashch. rast. ot vred. i bol. 7 no. 7 40-41 Jl '62

Agricultural specifications for machines applying herbicides to soils. M. IA. Berezovskii. Zemledelii. 24 no. 10:31-37 O '62

At the Scientific and Technical Council on Mechanization. G. P. Shumaev. Zashch. rast. ot vred. i bol. 7 no. 7 62-63 Jl '62

Defects of the OAN-1 sprayer. P. S. Maslichenko, L. F. Piskun. Zashch. rast. ot vred. i bol. 7 no. 5 19 My '62.

Extend the application of blower-type sprayers. V. E. Savzdarg. Zashch. rast. ot vred. i bol. 7 no. 5 57-58 My '62.

Mechanical resistance of pump cups. S. G. Beliakov. Zashch. rast. ot vred. i bol. 7 no. 5 23-24 My '62.

New machines. N. K. Tarnovich. Zashch. rast. ot vred. i bol. 4 no. 6 19-21 N-D '59.

Permanent unit for spraying plants in greenhouses. M. K. Vorob'ev, F. N. Sazhin, E. D. Galushko. Zashch. rast. ot vred. i bol. 4 no. 6 23-24 N-D '59

"Raketa" OAN-2 aerosol sprayer. M. V. Tsitsiv, Zh. M. Sudit, A. I. Gronskii. Zashch. rast. ot vred. i bol. 7 no. 7 16-17 Jl '62

Results of the development of blower-type sprayers for orchards. S. F. Prokopenko and others. Zashch. rast. ot vred. i bol. 7 no. 5, 20-21 My '62.

"Zaria" blower-type mist sprayer. Kh. N. Zelikman. Zashch. rast. ot vred. i bol. 7 no. 5 21-23 My '62

SPRAYING AND DUSTING IN AGRICULTURE

(see also subdivision under Andizhan Province; Uzbekistan)

Dates for dusting pea fields against the weevil. N. A. Telenga, E. F. Gulevatyi, T. G. Radchenko. Zashch. rast. ot vred. i bol. 7 no. 5 26-27 My '62

Green light to the new method. A. Efimov. Zashch. rast. ot vred. i bol. 7 no. 5 19 My '62

Helicopters in plant protection. V. A. Kuznetsov. Zashch. rast. ot vred. i bol. 4 no. 6 22-23 N-D '59

SPRINGS (MECHANISM)

Effect of boron and titanium on mechanical properties and the elasticity of new 55KhGR and 55G2R spring steels. A. G. Rakhshtadt and others. Stal' 22 no. 11: 1041-1047 N '62

Effect of the force of pressing a spring band on the size of the parameter of its rigidity. B. F. Tarasov. Sbor. trud. LIIZHT no. 174 129-134 '60.

SPRINGS (MECHANISM)—TESTING

Machine testing spring wires and springs for creep. I. V. Olesin. Zav. lab. 28 no. 8:1003-1005 '62.

SPRINKLERS

Design and testing of slit sprinklers. IU. A. Golovachevskii. Khim. prom. no. 6:438-445 Je '62.

SPRUCE

(see also subdivision under Kadnikov region; Kharovsk District; Vologda Province)

Effect of soil conditions and the age of roots on the anatomic and physiological characteristics of the active part of root systems in spruce (Picea excelsa) and birch (Betula pubescens). L. N. Zgurovskaia. Trudy Inst. lesa i drev. 53:136-163 '62.

Structure, growth, and some functions of root systems in slow and fast growing young spruce (Picea excelsa L.) as affected by improvement cuttings. L. N. Zgurovskaia. Trudy Inst. lesa i drev. 53 126-135 '62.

SPRUCE BARK-BEETLE—EXTERMINATION see subdivision under Georgia

SPUTTERING (PHYSICS)

Anisotropy of the coefficient of cathode sputtering and focused collisions in single crystals. M. Balarin, V. A. Molchanov, V. G. Telkovskii. Dokl. AN SSSR 147 no. 2 331-333 N '62.

SQUIRRELS—PARASITES see Parasites—squirrels

STABILITY OF AIRPLANES

Stability and control handiness of a supersonic airplane I. Pashkovskii. Av. i kosm. 45 no. 11 48-54 '62.

STABILITY OF SHIPS

Operational methods of calculating buoyancy, stability and unsinkability of ships. D. B. Karpov. Trudy GPI 15 no. 1 31-53 '61. [Ibid. '59]

STACHYBOTRYS

Stachybotryotoxicosis of cattle. I. O. Izmailov. Visnyk sil'hosp. nauky 5 no. 5 72-76 My '62.

STADIUMS—HYGIENIC ASPECTS see subdivision under Leningrad

STAINS AND STAINING (MICROSCOPY)

Evaluation of the various methods of staining scrapings from the conjunctiva of the eyes for Prowazek's trachoma bodies. N. I. Zatulina. Trudy Turk. nauch.-issl. trakh. inst. 6 181-185 '60.

Staining of thin sections of nerve tissue embedded in methacrylate as a control for studies with the electron microscope. K. A. Vanag, O. B. Shumkina. Vop. virus. 7 no. 5 619-621 S-O '62.

STALIN, IOSIF, 1879-1953

V. I. Lenin and the establishment of the U. S. S. R. M. S. Akhmedov. Vop. ist. KPSS 6 no. 6 22-38 '62.

STALINABAD see Dushanbe

STALINGRAD see Volgograd

STALINGRAD, BATTLE OF 1942-1943

The working class is the name of the hero. N. Bykov, V. Pavlov, Ogonek 40 no. 45 1-6 N '62.

STALINGRAD HYDROELECTRIC POWER STATION see Volga Hydroelectric Power Station (22d Congress of the CPSU)

STALINO see Donetsk

STALINO PROVINCE see Donetsk Province

STANDARDIZATION—INTERNATIONAL COOPERATION

International standardization and the Soviet Union. S. Agamdzhanian. Prom. Arm. 6 no. 10 65-67 O '62.

STANDARDS, ENGINEERING

In the State Committee on Construction of the R. S. F. S. R. Biul. stroi. tekh. 19 no. 11 39-40 N '62.

List of standards for design and construction abolished by the State Committee on Construction of the U. S. S. R. in the third quarter of 1962. Biul. stroi. tekh. 19 no. 11 48-3 of cover N '62.

List of standards for design and construction approved by the State Committee on Construction of the U. S. S. R. in the first quarter of 1962. Biul. stroi. tekh. 19 no. 5 48 My '62.

List of standards for design and construction approved by the State Committee on Construction of the U. S. S. R. in the third quarter of 1962. Biul. stroi. tekh. 19 no. 11 47 N '62.

List of standards for design and construction revoked by the State Committee on Construction of the U. S. S. R. in the first quarter of 1962. Biul. stroi. tekh. 19 no. 5 48 My '62.

STANDARDS OF MASS

From the biography of the kilogram. Nauka i zhizn' 29 no. 5 24 My '62.

STANKEVICH, IADVIGA VATSLAVOVNA, 1909-1959

From the editors. Krat. soob. Inst. arkheol. no. 87 3-5 '62.

STANOVOY RANGE—GEOLOGY, STRUCTURAL

Structural position of the Stanovoy Range and distribution of some minerals in its boundaries. L. P. Kopaevich. Trudy VAGT no. 8 95-97 '62.

STANOVOY RANGE—ORE DEPOSITS

Structural position of the Stanovoy Range and distribution of some minerals in its boundaries. L. P. Kopaevich. Trudy VAGT no. 8 95-97 '62.

STAPHYLOCOCCAL DISEASE

Clinical X-ray observations on staphylococcal pneumonias in children [with summary in English]. M. I. Vladykina, L. M. Plinskova. Vop. okh. mat. i det. 7 no. 7 3-10 Jl '62.

Influence of chlorpromazine on the course of staphylococcal infection. E. M. Stoianov, D. Strakhilov. Khirurgiia no. 12 97-101 '61.

STAPHYLOCOCCUS

Diagnosis of staphylococcal food poisonings. G. I. Lebedev, A. I. Mezhov, I. I. Borisov. Zhur. mikrobiol., epid. i immun. 32 no. 12 116 D '61.

STARAYA IGREN' REGION—ANTIQUITIES

A fourth-century burial near the Staraya Igren' village. I. F. Kovaleva. Sov. arkheol. 6 no. 1 233-236 '62.

STARAYA RUSSA—GUIDEBOOKS

Drobyshevskii, L. G. [Staraya Russa; guidebook for excursionists and tourists] Staraia Russa, rukovodstvo dlia ekskursantov i turistov. Izd. 2., ispr. i dop. [Novgorod] Knizhnaia red. gazety "Novgorodskaia pravda," 1962. 80 p.

STARCH

Bakanov, N. A., M. E. Burman, and N. V. Solntseva. [Handbook on starch and molasses production] Spravochnik po krakhmalo-patochnomu proizvodstvu. 2 izd. perer. i dop. Pod red. M. E. Burmana. Moskva, Pishchepromizdat, 1962. 476 p.

Effect of the degree of hydration of starch on the structure of gels. V. F. Oroshko, K. A. Korotchenko. Izv. vys. ucheb. zav.; pishch. tekh. no. 4:25-28 '62.

Investigation in the field of starch structure. B. A. Kartsovnik. Izv. vys. ucheb. zav., tekh. tekst. prom. no. 5 118-121 '62.

Mobility of hydrate starch membranes. B. B. Vartapetian. Dokl. AN SSSR 147 no. 1 221-223 N '62.

Mobility of hydrated starch membranes. B. B. Vartapetian. Dokl. AN SSSR 147 no. 1 221-223 N '62.

STARCH—TESTING

Effect of the Co^{60} gamma radiation on the structural and mechanical characteristic of starch gels with different moisture content. K. A. Korotchenko. Izv. vys. ucheb. zav., pishch. tekh. no. 4:20-21 '62.

STARIKOV, NIKOLAI ANTONOVICH, 1897-1961

In memory of Academician N. A. Starikov, obituary. Gor. zhur. no. 5:73 Je '62.

STARO-KORSUNSKAYA (KRASNODAR TERRITORY)—LIBRARIES AND READERS

Useful undertaking. V. Zhemchugin. Bibliotekar' no. 11 36-39 N '62.

STARORUSSKIY DISTRICT—IRON AGE

Early Iron Age settlement in the lower part of the Lovat' Valley. S. N. Orlov. Krat. soob. Inst. arkheol. no. 87: 42-45 '62.

STARS

Instability of the rotation of stars [with summary in English]. V. V. Porfir'ev. Astron. zhur. 39 no. 6: 1036-1040 N-D '62.

Nonrelativistic theory of superdense stellar configurations [with summary in English]. G. S. Saakian. Astron. zhur. 39 no. 6:1014-1019 N-D '62.

STARS—ATMOSPHERES

"Aerodynamic phenomena in stellar atmospheres; proceedings of the Fourth Symposium on Cosmical Gas Dynamics, Bologna, 1961" [in English]. Reviewed by S. B. Pikel'ner. Astron. zhur. 39 no. 6:1140-1141 N-D '62.

"Stellar atmospheres" [in English]. Reviewed by E. Mustel'. Astron. zhur. 39 no. 6:1142-1143 N-D '62.

STARS—CATALOGS

Brief characteristics of recent catalogs of stellar magnitudes [with summary in English]. L. N. Kolesnik. Izv. Glav. astron. obser. AN URSR 4 no. 2:153-158 '62.

Catalog of the spectral classes of 1717 stars in an area with the center at $\alpha = 19^h$, $\delta = +15°$ [with summary in English]. G. L. Fedorchenko. Izv. Glav. astron. obser. AN URSR 4 no. 2:134-152 '62.

On the compilation of a catalog of photographic, photovisual, and photo-red magnitudes in an area with the center at $\alpha = 18^h50^m$, $\delta = +5°.2$ [with summary in English]. V. I. Voroshilov. Izv. Glav. astron. obser. AN URSR 4 no. 2 128-133 '62.

STARS—CLUSTERS

Comparison of the luminosity function of open clusters [with summary in English]. G. A. Starikova. Astron. zhur. 39 no. 6:1058-1066 N-D '62.

STARS—DENSITY

Distribution of stellar density in the open Praesepe cluster [with summary in English]. N. M. Artiukhina. Astron. zhur. 39 no. 6:1050-1057 N-D '62.

STARS—MAGNITUDES

On the compilation of a catalog of photographic, photovisual, and photo-red magnitudes in an area with the center at $\alpha = 18^h50^m$, $\delta = +5°.2$ [with summary in English]. V. I. Voroshilov. Izv. Glav. astron. obser. AN URSR 4 no. 2:128-133 '62.

STARS—OBSERVATIONS

Scintillation of star images as dependent on the lens diameter [with summary in English]. I. G. Kol'chinskii. Izv. Glav. astron. obser. AN URSR 4 no. 2:3-15 '62.

STARS—PHOTOGRAPHIC MEASUREMENTS

Some results of the measurement of negatives obtained with a lens grating [with summary in English]. A. B. Onegina. Izv. Glav. astron. obser. AN URSR 4 no. 2: 24-31 '62.

STARS—PROPER MOTION

Determining the absolute proper motions of stars from the galaxy positions in selected regions of the sky. A. G. Rakhimov. Izv. AN Uz. SSR Ser. fiz.-mat. nauk 6 no. 5 77-84 '62.

STARS—RADIATION

Diffusion of resonance radiation in stellar atmospheres and nebulae. I. Semi-infinite medium [with summary in English]. V. V. Ivanov. Astron. zhur. 39 no. 6: 1020-1032 N-D '62.

STARS—RADIATION—MEASUREMENT

Determining the increase in radiation intensity before the exit of a shock wave to the surface of a star [with summary in English]. I. A. Klimishin. Astron. zhur. 39 no. 6:1008-1008 N-D '62.

STARS—SPECTRA

Catalog of the spectral classes of 1717 stars in an area with the center at $\alpha = 19^h$, $\delta = +15°$ [with summary in English]. G. L. Fedorchenko. Izv. Glav. astron. obser. AN URSR 4 no. 2:134-152 '62.

STARS, DOUBLE

Wide star pairs in the vicinity of four open clusters: NGC 1513, 1960, 2099, 6705 [with summary in English]. N. M. Bronnikova. Astron. zhur. 39 no. 6: 1132-1134 N-D '62.

STARS, DOUBLE—ORBITS

New determinations of elements of visual-binary orbits: ADS 681, 784, 1613, 2034, 2173, 3708, 3169, 3701, 5752, 7871, 8695, 8739, 11461, 12961, 16539 [with summary in English]. A. V. Bospalov. Astron. zhur. 39 no. 6:1134-1136 N-D '62.

STARS, NEW

Effect of magnetic fields on the structure of the shells of novae [with summary in English]. I. G. Kolesnik. Izv. Glav. astron. obser. AN URSR 4 no. 2:63-76 '62.

List of novae recommended for the determination of coordinates and proper motions [with summary in English]. N. M. Artiukhina, P. N. Kholopov. Astron. zhur. 39 no. 6:1130-1131 N-D '62.

Spherically symmetric models of explosions of novae [with summary in English]. D. K. Nadezhin, D. A. Frank-Kamenetskii. Astron. zhur. 39 no. 6:1001-1005 N-D '62.

STATE, THE

Akademiia nauk SSSR. Institut gosudarstva i prava. [Theory of the state and law, basic principles of the Marxist-Leninist theory of the state and law] Teoriia gosudarstva i prava, osnovy marksistsko-leninskogo ucheniia o gosudarstve i prave. Pod red. P. S. Romashkina, M. S. Strogovicha, V. A. Tumanova. Moskva, Izd-vo Akad. nauk SSSR, 1962. 533 p.

STATE AND CHURCH see Church and state

STATE FARMS

(see also subdivision under Alma-Ata Province; Bashkiria, Crimea; Golodnaya Steppe, Kazakhstan; Leningorsk, East Kazakhstan Province; Moscow region; Pavlodar Province)

Effect of the increase of the capital assets of state farms upon the efficiency of their utilization. V. Khalturin. Plan. khoz. 39 no. 11 53-60 N '62.

Following the instructions of trade-union members. N. Pertsov. Sov. profsoiuzy 10 no. 21 15-16 N '62.

Voznesenskii, V., and others. [Heroic work on the "Temizhbekskii" State Farm] Podvig v "Temizhbekskom." [Stavropol'] Stavropol'skoe knizhnoe izd-vo, 1962. 95 p. (DNAL)

STATE FARMS—ACCOUNTING

Business accounting and the journal voucher accounting system. M. Kh. Bytdaev. Uchet i fin. v kolkhoz. i sovkhoz. 10 no. 11 15-16 N '62.

Keep accurate accounting for feeds. V. N. Chaposhnik. Uchet i fin. v kolkhoz. i sovkhoz. 10 no. 11:9-10 N '62.

New development in the accounting for products and materials. E. M. Mirochnik. Uchet i fin. v kolkhoz. i sovkhoz. 10 no. 11:11-13 N '62.

Tables for calculating truck drivers' wages. A. S. Vasil'chenko. Uchet i fin. v kolkhoz. i sovkhoz. 10 no. 11:23-25 N '62.

STATE FARMS—COSTS

How we analyze production costs. K. V. Ketler. Uchet i fin. v kolkhoz. i sovkhoz. 10 no. 11:40-45 N '62.

Incorrect coefficients. A. Amanmamedov. Uchet i fin. v kolkhoz. i sovkhoz. 10 no. 7 41-42 Jl '62.

STATE FARMS—FINANCE

Business accounting within individual production units strengthens the state farm economy. K. A. Ovcharenko, N. F. Makarov. Uchet i fin. v kolkhoz. i sovkhoz. 10 no. 7:25-29 Jl '62.

Form of the state farm financial plan is cumbrous. S. Valiter. Ekon. sel'khoz. 33 no. 10:110-111 O '62.

Production plan is the basis for introducing business accounting on a state farm. N. F. Boldin. Uchet i fin. v kolkhoz. i sovkhoz. 10 no. 11:37-38 N '62.

STATES, NEW—FOREIGN ECONOMIC RELATIONS

"Underdeveloped countries in the economy of the capitalist world" by V. Rymalov, V. Tiagunenko. Reviewed by A. Mileikovskii. Kommunist 39 no. 17:127-128 N '62.

STATISTICAL MECHANICS

A set of field equations for a nonideal Fermi-Dirac system taking explicitly account of two-particle bound states. V. V. Tolmachev. Dokl. AN SSSR 147 no. 1: 31-37 N '62.

STATISTICAL THERMODYNAMICS—GRAPHICAL METHODS

Diagram technique for calculating kinetic coefficients in statistical physics at finite temperatures [with summary in English]. I. L. Drabkoshinskii. Zhur. eksp. i teor. fiz. 42 no. 4 1126-1131 Ap '62.

STATISTICS

Chesnik, IU. I. [Interbranch balance and its utilization in economic analysis and planned calculations] Mezhotraslevoi balans i ego ispol'zovanie v ekonomicheskom analize i planovykh raschetakh; metodicheskoe rukovodstvo. Moskva, Mosk. in-t narodnogo khoz. No. 1. 1962. 61 p.

How some historians use statistical data. M. T. Gol'tsman. Ist. SSR 6 no. 6:222-223 N-D '62.

STATISTICS—PROBLEMS, EXERCISES, ETC.

Ushakova, D. V. [Collected problems on general statistical theory] Zbirnyk zadach z zahal'noi teorii statystyky. Kharkiv, Vyd-vo Kharkivs'koho univ., 1962. 196 p.

STAVROPOL TERRITORY—COLLECTIVE FARMS—INTERFARM COOPERATION

Rural construction workers of Stavropol mark out new frontiers. T. Vidiukov. Sel'stroi no 3, 3-4 Ag '62.

STAVROPOL TERRITORY—CORN (MAIZE)

Effect of subsurface tillage on the yield of corn in central Stavropol Territory. B. V. Kasatkin. Trudy Stavr. sel'khoz. inst. no. 9 75-80 '60.

STAVROPOL TERRITORY—CORN (MAIZE)—DISEASES AND PESTS

Soil pests of corn in Stavropol Territory and means of controlling them. N. G. Sindinshkina. Trudy Stavr. sel'khoz. inst. no. 9 99-105 '60.

STAVROPOL TERRITORY—DAIRY CATTLE BREEDING

Lines of Red Steppe cattle in Stavropol Territory. V. N. Pesik. Zhivotnovodstvo 23 no. 2, 65-70 F '61.

STAVROPOL TERRITORY—GRAIN—DISEASES AND PESTS

Increase the quality of disinfecting grain crop seeds. M. P. Kul'pinova, L. I. Lvdokimenko. Zashch. rast. ot vred. i bol. 7 no. 7 12 Jl '62.

STAVROPOL TERRITORY—NURSERIES (HORTICULTURE)

Use of new agricultural practices in growing fruit seedlings in nurseries of Stavropol Territory. A. S. IAtsyna. Trudy Stavr. sel'khoz. inst. no. 9 80-90 '60.

STAVROPOL TERRITORY—PLANTS, PROTECTION OF

Extend the use of arsenic preparations in the protection of grain crops. E. IA. Spirina, V. I. Vil'iamson. Zashch. rast. ot vred. i bol. 7 no. 5 25-26 My '62.

STAVROPOL TERRITORY—POTATOES—FERTILIZERS AND MANURES

Fertilization norms for potatoes in central Stavropol Territory. F. I. Hobryshev. Trudy Stavr. sel'khoz. inst. no. 9 81-93 '60.

STAVROPOL TERRITORY—SEEDS—DISINFECTION

Increase the quality of disinfecting grain crop seeds. M. P. Kul'pinova, L. I. Lvdokimenko. Zashch. rast. ot vred. i bol. 7 no. 7 12 Jl '62.

STAVROPOL TERRITORY—TRADE UNIONS

Following the instructions of trade-union members. N. Pertsev. Sov. profsoiuzy 18 no. 21:15-16 N '62.

STEAM

Effect of supercooling and constitution of wet steam on its expenditure by nozzles. I. I. Kirillov, R. M. IAblonik. Energomashinostroenie 8 no. 10:6-10 O '62.

Local and average heat emission coefficient during the condensation of steam on the internal surfaces of a bank of vertical tubes. V. T. Buglaev. Izv. vys. ucheb. zav.; energ. 5 no. 10:86-91 O '62.

STEAM BOILERS see Boilers

STEAM TURBINES

Aerodynamic characteristics of blade profile lattices of the terminal stages of K-300-240 LMZ turbines. M. I. Zhukovskii and others. Energomashinostroenie 8 no. 10:29-33 O '62.

Effect of supercooling and constitution of wet steam on its expenditure by nozzles. I. I. Kirillov, R. M. IAblonik. Energomashinostroenie 8 no. 10:6-10 O '62.

Thermal calculations and analysis of laws governing the twisting of the terminal stages of large steam turbines. L. A. Shubenko-Shubin, S. P. Sobolev, V. F. Poznakhirev. Energomashinostroenie 8 no. 10:1-6 O '62.

STEEL—ANALYSIS

Elasticity modulus of carbon steel. R. B. Gershman, E. N. Mel'nikova. [Sbor. trud.] Nauch.-issl. inst. met. no. 4 151-153 '61.

Extraction-photometric determination of titanium in steels with 2,7-dichlorochromotropic acid. N. N. Basargin and others. Zav. lab. 28 no. 11 1311-1313 '62.

STEEL—CORROSION

Resistance of welded joints in low-carbon steel to corrosion alkali solutions. V. A. Maslov, V. T. German. Svar. proizv. no. 8:36-37 Ag '62.

STEEL—ELECTROMETALLURGY

Accelerating the making of electric steel. N. IA. Ishchuk, K. K. Prokhorenko. Met. i gornorud. prom. no. 2 11-14 Mr-Ap '62.

Automation of the electric smelting process. V. M. Vinogradov, F. P. Ednerel, IU. E. Efroimovich. Stal' 22 no. 11 1005-1007 N '62.

Effect of complex deoxidation on nonmetallic inclusions in low-carbon steel. M. I. TSekhanskii. Stal' 22 no. 9 796-799 S '62.

Electromagnetic stirring in 60-ton furnaces. V. I. Trakhimovich, B. V. Barvinskii, N. A. Golomazov. Stal' 22 no. 11:1007-1009 N '62.

Expansion of steel smelting equipment and plants in the U. S. S. R. I. N. Lur'e. Stal' 22 no. 11 983-993 N '62.

STEEL—FATIGUE

Detection of fatigue cracks in nonmagnetic materials by means of eddy currents. IU. S. Danilov, IA. A. Rublev. Zav. lab. 28 no. 11:1342-1345 '62.

STEEL—HARDENING

Hardening in fused salts at 110 - 125°. B. G. Gol'dshtein. Metalloved. i term. obr. met. no. 11, 62-64 N '62.

Heat treatment of rolls for cold rolling. N. S. Vokhomskii, P. V. Skliuev. Metalloved. i term. obr. met. no. 8 50-52 Ag '62.

STEEL—HEAT TREATMENT

Bright decarburized annealing of electrical steel coils in bell furnaces. K. V. Dneprenko, V. G. Borisenko. Stal' 22 no. 9 835-838 S '62.

Control of the heat treatment of parts made of high-speed steel by a coercive-force meter of the UFAN system. I. L. Kupalova, V. A. Landa. Zav. lab. 28 no. 11:1347-1349 '62.

Increasing the durability of steel rolls for strip mills. V. A. Sokolov, G. G. Levina. Stal' 22 no. 9 821-823 S '62.

STEEL—HYDROGEN CONTENT

Hydrogen content in liquid steel. P. V. Skliuev. Stal' 22 no. 9:797-799 S '62.

STEEL—IMPURITIES

Investigating inclusions in U10A steel with a varying degree of plasticity. M. I. Vinograd, G. P. Gromova. Stal' 22 no. 9:842-845 S '62.

STEEL—MAGNETIC PROPERTIES

Magnetic structure of austenitic steel. G. S. Zhdanov, S. V. Kiselev, R. P. Ozerov. Kristallografiia 7 no. 4: 619-620 Jl-Ag '62.

STEEL—METALLOGRAPHY

Effect of austenite grain size and the temperature of austenitization on the rate of bainite transformation (from "Iron and Steel Institute," no. 2, 1961). Metalloved. i term. obr. met. no. 8 56-58 Ag '62.

Mechanical properties and microstructure of carbon steel during induction heating for forging. S. A. IAltskov. Kuz.-shtam. proizv. 4 no. 11:35-41 N '62.

Metallographic exposure of the state of 475° brittleness in austenite-ferrite chrome-nickel weld seams. N. I. Kopersak. Zav. lab. 28 no. 8:966-969 '62.

Phase composition and properties of austenitic steel containing nitrogen. I. S. Rubel', M. M. Bilakh, V. P. Sadovnichii. Metalloved. i term. obr. met. no. 8:40-43 Ag '62.

"White" layers in low-carbon steel. N. N. Sukharina, G. V. Titova. Izv. vys. ucheb. zav.; chern. met. 5 no. 10: 102-106 '62.

STEEL—METALLURGY
(see also subdivision under Khalilov)

Achievements of Soviet metallurgy to serve our country in the building of communism. Stal' 22 no. 11, 961-964 N '62.

Deoxidation of rail steel by ferrotitanium and a reduced amount of aluminum. N. I. Shirokov, B. G. Petukhov. Izv. vys. ucheb. zav.; chern. met. 5 no. 10:42-49 '62.

Effect of boron and titanium on mechanical properties and the elasticity of new 55KhGR and 55SG2R spring steels. A. G. Rakhshtadt and others. Stal' 22 no. 11: 1041-1047 N '62.

Inoculation of steel by nitrides (from foreign journals). E. V. Petunina. Metalloved. i term. obr. met. no. 11: 55-62 N '62.

STEEL—TESTING

Exposure of flakes by the method of magnetic flaw detection. R. P. Shuleshko. Zav. lab. 28 no. 8:970 '62.

Relationship between the limit of shearing strength and the hardness of steel. V. I. Egiz. Zav. lab. 28 no. 8: 978-981 '62.

STEEL—WELDING

Electrodes for the welding of scale-resistant steel. V. S. Stroev, I. N. Vornovitskii. Svar. proizv. no. 8 1-4 Ag '62.

Intercrystallite silicate layers and the danger of hot cracking. V. V. Podgaetskii, G. P. Manzheliei. Avtom. svar. 15 no. 10 50-55 O '62.

Livshits, L. S. [Role of alloyed steel composition on the conservation of structural homogeneity, and the properties of welded joints during protracted heat time] Rol' sostava legirovannykh stalei v sokhranenii strukturnoi odnorodnosti i svoistv svarnykh soedinenii pri dlitel'nykh rabochikh nagrevakh. Moskva, VNIIST Glavgaza SSSR. Redaktsionno-izd. otdel, 1962. 56 p.

STEEL, HEAT-RESISTANT—WELDING

Preventing the embrittlement of 25-20 type austenitic welded joints. B. I. Medovar, M. I. Pinchuk. Avtom. svar. 15 no. 10 16-48 O '62.

STEEL, STAINLESS

New grade of stainless steel. B. G. Vecheria, IU. V. Klibus. Lit. proizv. no. 9:13-14 S '62.

STEEL, STAINLESS—ANALYSIS

Stainless steel with a lower nickel content. M. V. Pridantsev, A. A. Babakov. Stal' 22 no. 11 1035-1039 N '62.

STEEL, STAINLESS—CORROSION

Using thermoelectric methods to investigate processes taking place in austenitic steel. A. P. Shadrunova. Izv. vys. ucheb. zav., chern. met. 5 no. 10 107-110 '62.

STEEL, STAINLESS—METALLOGRAPHY

Changes of structure during the heating of cold-drawn stainless steel. L. A. Dolinskaia, S. Z. Nekrasova. Metalloved. i term. obr. met. no. 8 22-24 Ag '62.

Phase analysis of deformed austenitic steel. V. I. Grigor'in. Izv. vys. ucheb. zav., chern. met. 5 no. 10: 119-124 '62.

STEEL, STAINLESS—TESTING

Increasing the industrial plasticity of stainless austenitic steel. V. P. Martynov. Metalloved. i term. obr. met. no. 8 30, 35 Ag '62.

Strengthening of a metal surface during mechanical polishing. V. I. Shabalin, T. V. Vlasova. Zav. lab. 28 no. 11:1375 '62.

STEEL, STAINLESS—WELDING

Fused carbide fluxes for the welding of austenitically stable steels and alloys. B. I. Medovar, L. V. Chekotilo, I. I. Kumyah. Svar. proizv. no. 8 19 Ag '62.

Manganese fluoride flux for the welding of austenitically stable steel and alloys. B. I. Medovar, L. V. Chekotilo. Svar. proizv. no. 8, 17-19 Ag '62.

Safonnikov, A. N. [Electric slag welding with lamellar electrodes of corrosion-, scale-, and heat-resistant chromium-nickel steels and alloys] Elektroshlakovaia svarka plastinchatym elektrodom korrozionnostoikikh, okalinostoikikh i zharoprochnykh khromonikelevykh stalei i splavov. Leningrad, 1962. 36 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia: Svarka i paika metallov, no. 9)

STEEL, STRUCTURAL

Approximate determination of the weight of parts of steel elements. M. M. Sakhnovskii. Prom. stroi 40 no. 9:57-58 '62.

[Shipbuilding steel] Sudostroitel'naia stal'. [By] A. M. Veingarten i dr. Leningrad, Sudpromgiz, 1962. 303 p.

Strengthening welded fastenings in steel elements under loading. I. L. Khalutin. Prom. stroi. 40 no. 8 38-41 '62.

STEEL, STRUCTURAL—HARDENING

Effect of work hardening on the properties of structural steel. V. A. Gladkovskii and others. [Sbor. trud.] Nauch.-issl. inst. met. no. 4:144-150 '61.

STEEL, STRUCTURAL—HEAT TREATMENT

Heat treatment of low-carbon rolled sheets in conveyer furnaces. M. V. Pridantsev and others. Biul. tekh.-ekon. inform. Gos. nauch.-issl. inst. nauch. i tekh. inform. no. 11:9-14 '62.

STEEL, STRUCTURAL—STANDARDS

Improving work on the standardization of steel elements. Biul. stroi. tekh. 19 no. 11 29-30 N '62.

STEEL, STRUCTURAL—TESTING

Experimental studies of welded trusses with a span of 30 m. and compressed rods made of bent sections. G. G. Golenko. Trudy TSNIISK no. 13:211-231 '62.

STEEL, STRUCTURAL -- TESTING (Continued)
Grade 15GS low-alloy silicon-manganese steel for welded structural elements A. IA Brodskii, N. V. Tolmacheva. Trudy TSNIISK no. 13 232-247 '62
Study of the development of plastic deformations in structural steel in a plane stressed state under complex types of loading V A Baldin, V. I. Trofimov. Trudy TsNIISK no 13 5-37 '62

STEEL ALLOYS
Vul'f F. B K., and K P. Romadin [Structure and properties of aircraft metals] Aviatsionnoe metallovedenie 2 izd., perer. i dop Pod red I. I. Kornilova Moskva, Oborongiz, 1962 503 p.
Work of the Central Laboratory of the "Serp i molot" factory. L. Lekht. Zav. lab. 28 no. 11 1391-1392 '62.

STEEL ALLOYS—HEAT TREATMENT
Heat treatment of electrically welded Kh18N9T steel pipe M B Shapiro and others Metalloved i term. obr met no 8 26-29 Ag '62

STEEL ALLOYS—METALLURGY
Utilization of titanium alloy scrap for the deoxidation of 10G2SD low-alloy steel G. A Chikalenko. Met i gornorud prom no 2 64-65 Mr-Ap '62.

STEEL ALLOYS—WELDING
Effect of phosphorus on the stress-rupture strength of joints in welded Kh18N9T steel B I Medovar, N L Pinchuk, L. G Puzrin Metalloved. i term. obr met. no 8 24-25 Ag '62
Standardization of electrodes for the welding of 18-8 type steel. L. M. Vagapov, P. B. Lady.hinskii. Svar. proizv. no. 8 8-11 Ag '62.

STEEL-ALUMINUM ALLOYS
Fitting steel-aluminum bushings L I Fedorenko Trudy Sta.r sel'khoz inst no 9 177-179 '60

STEEL-ALUMINUM ALLOYS—ANALYSIS
Allowable aluminum content in the steel of Sv-08 and Sv-08A welding wire. I N Grabov. Svar. proizv. no 8 12-14 Ag '62.

STEEL INDUSTRY
(see also subdivision under Japan, Moscow)
Forty-fifth anniversary of the Great October Socialist Revolution Metalloved. i term obr met. no 11 2-10 N '62
Levlev, P. P. [Foundation of modern industry] Fundament sovremennoi promyshlennosti. Moskva, Izd-vo "Znanie," 1962. 29 p. (Novoe v zhizni, nauke, tekhnike. XII Seriia Geologiia i geografiia, no. 24)

STEEL INDUSTRY—EQUIPMENT AND SUPPLIES
Andreev, A. A. [Amortization and capital repairs in ferrous metallurgy] Amortizatsiia i kapital'nyi remont v chernoi metallurgii. Moskva, Metallurgizdat, 1962. 215 p.

STEEL INDUSTRY—FINANCE
Churilovich, L. M. [What one should know about the capital assets of a metallurgical enterprises] Chto nuzhno znat' ob osnovnykh fondakh metallurgicheskogo predpriiatiia. Moskva, Metallurgizdat, 1962. 40 p.

STEEL INDUSTRY—LABOR PRODUCTIVITY see subdivision under Sverdlovsk Province

STEEL INGOTS
Developing and adopting a procedure for the production of chemically capped steel G. S Kolganov and others Stal' 22 no. 11 994-996 N '62
Exothermic heating of mold risers for steel alloy ingots. L. G Saksonov and others Lit proizv no 9 12 S '62.
Pouring of killed low-carbon steel in ingot molds without rising head. D A. Litvinenko, V. I. IAkushin Stal' 22 no. 9:791-794 S '62
Solidification of square section steel castings. A. A. Skvortsov. Izv. vys. ucheb. zav., chern. met. 5 no. 10. 155-165 '62.

STEEL PIPE see Pipe, Steel

STEINBECK, JOHN, 1902-
John Steinbeck's postwar books. I. Levidova. Vop. lit. 6 no. 8, 122-142 Ag '62.

STEPPE FLORA
(see also subdivision under Streletskoye Steppe Preserve)
Cotyledonous type in species of the Ubelliferae family in southern steppes. I. G. Zoz. Dokl. AN SSSR 146 no 4 951-953 O '62

STEPPES
(see also subdivision under Amga Valley)
Steppe and water G. L. Magakov. Priroda 51 no. 11: 59-64 N '62.

STEREOCHEMISTRY
Space configuration of piperidine derivatives. N. S. Prostakov, N. N. Mikheeva. Usp. khim. 31 no. 10 1190-1216 O '62.

STEREOPHONIC SOUND SYSTEMS
Correction of localization distortions in the stereophonic recording of a moving sound source. V. S. Man'kovskii. Tekh. kino i telev. 6 no. 11:23-30 N '62.
Effect of the location of the microphones on the quality of stereophonic sound reproducing (with summary in English on p 96) B F Natsrov Tekh kino i telev. 6 no 12 21-26 D '62

STEREOPHOTOGRAPHY see Photography, Stereoscopic

STEREOSCOPY
Vallus, N. A. [Stereoscopy] Stereoskopiia. Moskva, Izd-vo Akad. nauk SSSR, 1962. 378 p.

STERIC HINDRANCE
Steric hindrances encountered in dineopentyl ketone and its derivatives. A. L. Liberman, T. V Vasina Zhur. ob. khim 32 no 10, 3233-3237 O '62.

STERILITY
Evidence of a possibility to overcome male sterility in tetraploid silkworms by means of amphidiploidy (2n Bombyx mori + 2n B. mandarina) [with summary in English]. V N Vereiskata, B. L Astaurov Biul. MOIP Otd biol 67 no 3 45-55 My-Je '62

STERILITY IN ANIMALS
Sterility in cattle and measures for its control. P. I. Shatalov Zhivotnovodstvo 22 no 2 51-55 F '60

STERILITY IN PLANTS
Yield of the Washington navel orange as related to the sterility and doubling of the flower [with summary in English] I S Kapanadze Subtrop kul't no 2 101-106 '62

STERILIZATION
Application of the mathematical analysis in the development of new systems of canned food sterilization B. L. Flaumenbaum and others. Kons i ov prom. 17 no. 11 14-18 N '62
Effect of temperature and heating time on the hydrolysis of protein substances and amino acid composition of beef broth, A. A. Sokolov, A. IU. Kamal', Izv. vys. ucheb. zav., pishch. tekh. no. 4:37-42 '62

STEROID HORMONES
Treatment of myelomic disease [with summary in English]. A. N. Grigor'iants, M. A. Volkova. Sov. med. 26 no. 7, 20-23 Jl '62

STEROIDS
Determining the functional state of the adrenal cortex in Botkin's disease and liver cirrhosis by the content of neutral 17-ketosteroids in the urine [with summary in English]. E. V. Krutskikh. Trudy LSGMI no. 60 52-61 '61.
Steroids. Part 10. Beckmann rearrangement of the oxime of 16β - (δ-acetylamino-γ -methylvalerioxy)-Δ^5 -pregnen-3β-ol-20-one acetate N. N Suvorov, L. I. Klimova, L. M. Morozovskaia. Zhur. ob. khim. 32 no. 10:3308-3315 O '62.

STIBNITE—SPECTRA
Nuclear quadrupole resonance in stibnite. I. A. Safin, I. N. Pen'kov. Dokl. AN SSSR 147 no. 2:410-413 N '62.

STILLBIRTH
Case of toxoplasmosis in a stillborn infant. G S Zenkevich. Zdrav. Turk. 6 no. 2:38-39 Mr-Ap '62.

STIMULANTS
Blood circulation and respiration stimulators from the genus Dipsacus. O. V. Babasian Trudy Erev. med. inst. no. 11 69-75 '60.

STINKBUGS see subdivision under Kustanay Province

STOCK AND STOCKBREEDING
(see also subdivision under Dzhambul District; Faleshty District; Gur'yev Province, Khorezm Province; Lebyazh'ye District; Taldy-Kurgan District, Turkmenistan; Ukraine, Uzbekistan; Voronezh Province)
[Agriculture abroad; Animal husbandry] Sel'. khoz. za rub.: Zhivotnovodstvo 6 no. 11 '62. (DNAL)
Develop stockbreeding at unremittingly accelerated rates. Zhivotnovodstvo 23 no. 2:3-5 F '61.
Khozev, SH. [For the welfare of everybody] Na blago vsekh. Moskva, Izd-vo "Znanie," 1962. 45 p. (Novoe v zhizni, nauke, tekhnike. V Seriia: Sel'skoe khoziaistvo, no. 18)
Respond with deeds to the appeal of the party. Uchet i fin. v kolkhoz. i sovkhoz. 18 no. 7:2-4 Jl '62
"Ways for reducing the cost of production in stockbreeding" by N. A. Banikov Reviewed by I. N. Romanenko and I I Zhadan Visnyk sil'hosp nauky 5 no 6:120-122 Je '62.
Work of the Department of Economics and Organization of Stockbreeding. M. TSynkov, IU. Mul'ner, V. Chemm. Ekon. sel'khoz. 33 no. 10:115-117 O '62.

STOCK AND STOCKBREEDING—CONGRESSES
Put chemistry in the service of stockbreeding. M. Taranov. Vest. sel'khoz. nauki 7 no. 6:154-156 S '62.

STOCK AND STOCKBREEDING—COSTS see subdivision under Moscow Province

STOCK AND STOCKBREEDING—EQUIPMENT AND SUPPLIES
Anakin, I. A. [Laboratory exercises in the mechanization of stockbreeding] Praktikum po mekhanizatsii zhivotnovodstva Moskva, Sel'khozizdat, 1962. 159 p. (Uchebniki i uchebnye posobiia dlia vysshikh sel'skokhoziaistvennykh uchebnykh zavedenii)
(DNAL)
Let's send the best work to the contest. V. T. Kovenbalkov, A. M Mel'nikov. Sred spets obr. 9 no 10 49-50 O '62

STOCK AND STOCKBREEDING—FINANCE see subdivision under Ramenskoye region

STOCK AND STOCKBREEDING—PERIODICALS see subdivision under Communist Countries

STOCK AND STOCKBREEDING—RESEARCH
Main trend in scientific studies on stockbreeding N M Burlakov Zhivotnovodstvo 22 no. 2 9-15 F '60

STOCKINGS see Hosiery

STOMACH
Effect of a UHF electrical field on the absorbitive activity of the stomach and intestines. V. R. Faitel'berg-Blank Vrach delo no. 8:92-94 Ag '62.
Effect of experimental stomatitis on the motor excretory and secretory functions of the stomach. L. M Atad.-hasnian. Trudy Erev. med. inst. no 11:81-85 '60.
State of gastric secretion, motility and evacuation after plastic operations on the esophagus for tumors [with summary in English]. A. I. Kuznetsov Vest. khir no. 8 24-30 '62.
Stomach function in patients with hypertension. A. G. Chizhikov. Zdrav. Bel. 7 no 11:13-15 N '61
Stomach in strangulated inguinal-scrotal hernia. [A. F Vargutyi Klin khir. no 8:76 Jl '62

STOMACH—BLOOD SUPPLY
Changes in the composition of the peripheral blood following a gastric circulatory disorder. V. S. Rattner Vrach. delo no. 8, 83-85 Ag '62.

False aneurysm of the gastroepiploic artery. L. I Zakharov. Vest. khir. no 6:114 '62

STOMACH—CANCER
Case of perforation in metastasis of cancer of the stomach. D P. Fedorovich Khirurgiia no. 12:141-143 '61.
Late outcomes of the surgical treatment of cancer of the cardial portion of the stomach I. A. Emel'ianova Vop. onk. 8 no. 6:11-15 '62.
Perforations in cancer of the stomach [with summary in English] A P. Lebedev. Khirurgiia no. 12:58-61 '61
Physical and chemical changes in the blood serum of stomach cancer patients. A V Pavlishchuk. Zdrav Bel 7 no 11 17-20 N '61.
Primary sarcoma of the stomach complicated by profuse gastroduodenal hemorrhage. N. I. Tret'iakov. Khirurgiia no. 12:113 '61.
Sarcoma of the stomach [with summary in English]. A. I Mirzaev. Vest. khir. no. 6:44-48 '62.
Surgical treatment of stomach cancer. G. I. Zverev. Vest. khir. no. 6:41-43 '62.
Thirty years of experience with surgical treatment of cancer of the cardia. A. G. Savinykh. Vop. onk. 8 no. 6:7-10 '62.

STOMACH—DISEASES
Diagnosis of phlegmon of the stomach. P. G. Gatiauk. Khirurgiia no. 12:107-109 '61.
Study of prothrombin in stomach diseases. R I. Zhilinlok Klin. khir. no 9:40-42 Jl '62.

STOMACH—HYPERTROPHY AND DILATATION
Acute dilatation of the stomach not diagnosed preoperatively. E. A. Maslakov. Vest. khir. no. 8:101-103 '62.

STOMACH—INFLAMMATION
Hexonium and ganglion therapy of peptic ulcer and chronic gastritis. V. V. Trusov. Sov. med. 26 no. 10 46-50 O '62.

STOMACH—MOTILITY
X-ray observations of the motor evacuatory function of the stomach following reconstructive plastic operations N. S. Smol'ianinova, K. A. Lokshina Klin. khir. no 8 16-18 Jl '62.

STOMACH—RADIOGRAPHY
Gastroscopic and roentgenologic parallels in gastric examination. S. A. Isser, Z. G. Lur'e. Zdrav. Bel. 7 no. 11:15-17 N '61

STOMACH—SURGERY
Acute gangrenous cholecystitis as a complication following resection of the stomach. A. A. Gerasimenko. Vest. khir. no. 5:83-85 '62.
Braun's anastomosis and its role in preventing postoperative complications in resection of the stomach. R. M. Rekhtman. Vest. khir. no. 5:34-39 '62.
Characteristics of food evacuation following a stomach resection using a small intestine transplant R. V. Mateshchuk. Klin khir. no. 8:32-37 Jl '62.
Complications in gastrectomies. A. L Saenko. Klin. khir. no. 8:14-16 Jl '62.

STOMACH — SURGERY (Continued)
Decubitus ulcers of the small intestine caused by a catheter used in feeding the patient following gastrectomy A. N. Burtsev. Vest. khir., 87 no 11:111-112 N '61
Extirpation of the esophagus and stomach for cancer. G. G. Shneider Vest. khir. no 6:70-71 '62.
Immediate and late results of a stomach resection for exclusion A. V. Il'inshenko Klin khir. no 8 26-29 Jl '62.
Improvement in the method of restoring the duodenal passage in high resection of the stomach [with summary in English] M. I. Petrushinskii. Khirurgiia no. 12 51-58 '61
Late outcomes of the surgical treatment of cancer of the cardial portion of the stomach. P. A. P'mel'ianova Vop onk. 8 no. 6:11-15 '62.
Morphological changes in the region of the esophago-intestinal anastomosis after gastrectomy I. M. Miloslavskii, I. M. Kostiukovskii Klin khir no 8 18-22 Jl '62.
Peterson, B. E. [Anastomoses in gastrectomies and resection of the esophagus] Anastomozy pri gastrektomii i rezektsii pishchevoda Moskva, Medgiz, 1962. 160 p. (DNLM)
Repeated operations on the stomach N. E. Dudko. Klin. khir. no 8 22-24 Jl '62.
Roentgenological study of a portion of the jejunum used to replace an excised stomach. I. A. Rits. Khirurgiia no. 12,50-54 '61.
State of the cardiovascular system in peptic ulcer following resection of the stomach IU. N. Luganskii. Vrach. delo no. 8:81-82 Ag '62.
Surgery for reflux esophagitis following intrathoracic esophagogastroanastomosis [with summary in English] V. Rapant Khirurgiia no. 12 39-44 '61
Technic of surgery in erroneously placed gastrojejunoanastomosis following resection of the stomach V. M. Velichenko. Khirurgiia no 12:109-110 '61
Thirty years of experience with surgical treatment of cancer of the cardia A. G. Savinykh. Vop onk 8 no. 6,7-10 '62.
Use of the UKL-60 apparatus in operations on the stomach E. M. Borovyi Klin khir no 8 24-26 Jl '62
Viscosity of the blood in stomach resection. S. R. Levaniuk Klin. khir no. 8 37-39 Jl '62.

STOMACH—TRANSPLANTATION
Covering the duodenal stump with a seromuscular flap from the resected stomach B. P. Znachkovskii Vest. khir. no. 6 100-101 '62.

STOMACH—TUMORS
Differential diagnosis of Addison-Biermer disease from tumors of the stomach. D. E. Zamikhovskii. Zdrav. Bel. 8 no. 7 71-72 Jl '62.
Leiomyoma of the stomach. T. N. Shcherbakova. Vest. khir. no. 9:84 '62.
Neurinomas of the stomach. F. P. Nechiporenko. Klin khir. no 8 48-52 Jl '62.

STOMACH—ULCERS
Simultaneous perforation of two "mirror" stomach ulcers. M. R. Rokitskii. Zdrav. Bel. 8 no. 7:77-78 Jl '62.

STOMATITIS
Effect of experimental stomatitis on the motor excretory and secretory functions of the stomach. E. M. Atadzhanian. Trudy Erev. med. inst. no. 11:81-85 '60.

STOMATOLOGY
Novik, I. O., and A. I. Marchenko. [Short prescription handbook for the stomatologist] Kratkii retsepturnyi spravochnik vracha-stomatologa. Kiev, Gosmedizdat, USSR, 1961. 87 p. (DNLM)

STONE, CAST
Letter to the editors. B. K. Khan, I. I. Bykov. Lit. proizv. no. 8:46 Ag '62.

STONE AGE see subdivision under Bol'shaya Murta District; Kuban region, Makhandar'ya Valley, Ukraine

STONE AGE—CONGRESSES
Conference on monolithic problems. N. O. Bader. Sov. arkheol. 6 no. 4:303-305 '62.

STONE FRUIT—DISEASES AND PESTS see subdivision under Ukraine

STONEHILL CASE
The Stonehill affair. I. Andronov. Nov. vrem. 20 no. 30:29 S '62.

STONY TUNGUSKA VALLEY see Podkamennaya Tunguska Valley

STOPING
Effect of the depth of cut on the temperature conditions in the stopes. E. I. Baratov, V. G. Tereshchenko. Ugol' Ukr. 6 no. 8:19-20 Ag '62.

STOPING (MINING)
Forms of organization of the production operations in stopes. P. M. Rubinskii. Ugol' Ukr. 6 no. 5:42-44 My '62.

STORAGE BATTERIES
Skalozubov, M. F. [Active compounds of electric storage batteries] Aktivnye massy elektricheskikh akkumulatorov. [Novocherkassk] Redaktsionno-izdatel'skii otdel Novocherkasskogo politekhnicheskogo in-ta im. Sergo Ordzhonikidze, 1962. 163 p.

STORES, RETAIL—STANDARDS
"Stores Standards of design." Biul. stroi tekh. 19 no 11 17-19 N '62

STORIES see Fables

STRAIN GAUGES
Nonlinearity in the performance of strain-measuring scale pickups E. V. Shtalger Izm. tekh no 11 19-20 N '62
Strain gauge with automatic exclusion of the effect of specimen flexure. A. V. Gur'ev. Izm. tekh. no 9 27-28 S '62

STRAINS AND STRESSES
Annual report of Commission 10 to the 14th Congress of the International Institute of Welding on "Residual stresses and stress relief." Translated by E. P. Bogachova. Svar. proizv. no. 8 41-42 Ag '62.
Bend of the wires of a cable on contact with the pulley M. F. Glushko, V. F. Volokonskii Izv. vys. ucheb. zav., gor. zhur. 5 no. 10 115-120 '62.
Budarin, S. P. [Stress condition theory; lecture in the "Strength of Materials" course for students of all departments] Teoriia napriazhennogo sostoianiia; lektsiia po kursu "Soprotivlenie materialov" dlia studentov vsekh fakul'tetov. Leningrad, Vses. zaochnyi tekhnol. in-t, 1961. 60 p.
Calculating thermoelastic stresses in tests for frost resistance. G. G. Eremeev. Trudy NIISF no 1 40-60 '62.
Characteristics of the stress condition of low deformation areas during rolling. N. A. Chelyshev. Izv. vys. ucheb. zav., chern. met. 5 no. 10:96-101 '62.
Determination of strains in a massif of hard rocks by the unloading method V. L. Borshch-Komponeets, A. L. Il'in Izv. vys. ucheb. zav., gor. zhur. 5 no. 10 53-56 '62
Determining loads in making calculations for structural elements. L. V. Klepikov, V. A. Otstavnov. Stroi. mekh. i raschet soor. 4 no 5:36-45 '62.
Determining stresses in ship hulls under the impact of waves. N. V. Matteo. Trudy GPI 15 no. 1:53-65 '61 [i.e. '59].
Determining stresses in systems propeller shaft - propeller during its impact against a hard object. V. A. Belinov. Trudy GPI 15 no. 1 11-20 '61 [i.e '59].
Effect of expanding on the distribution of residual stresses in large-diameter pipes. N. A. Kashirin and others. [Sbor. trud.] Nauch.-issl. inst. met. no. 4:155-163 '61.
Electric polarization of pyroelectric crystals in all-round compression or tension I. S. Zheludev, M. M. Tagieva. Kristallografiia 7 no. 4:588-592 Jl-Ag '62
Engineering method for stress analysis in hollow chambers of flat angle components. V. Vasil'ev. Vest. mashinostr. 42 no. 11 35-38 N '62.
Problem on the determination of stresses in coupling arrangements of a sectional vessel under the effect of impact. L. N. Mochalov. Trudy GPI 15 no. 1:21-28 '61 [i.e. '59].
Relation between the twisting of strands and the distribution of strains in wire cables. N. I. Koziuberda. Sbor. trud. Inst. gor. dela AN URSR no. 12:135-141 '61.
Relaxation strength of highly resistant cast iron with spheroidal graphite. V. Z. TSetlin, N. I. Kalugina. Metalloved. i term. obr. met. no. 8:11-14 Ag '62.
Residual stresses in glasses quenched in liquids. F. F. Vitman, T. G. Dmitrieva, V. P. Pukh. Fiz. tver. tela 4 no. 8:2151-2159 Ag '62.
Some features of stress relaxation in isotactic crystalline polypropylene. V. A. Kargin, T. I. Sogolova, N. P. Pavlichenko. Dokl. AN SSSR 147 no. 2:407-409 N '62.
State of strain in pillars and blocks of untouched ore caused by the action of blasting. V. V. Mishin. Gor. zhur. no. 6:40-42 Je '62.
Strength of cerium cast iron under the effect of torsional shearing. I. A. Vashukov, O. A. Maikov. Lit. proizv. no. 8:9-10 Ag '62.
Stresses in hydraulic press cylinders close to flanges. E. F. Bogdanov. Kuz.-shtam. proizv. 4 no. 11:29-32 N '62.
Stretching of wire cables. P. P. Nesterov and others. Sbor. trud. Inst. gor. dela AN URSR no. 12:120-134 '61.
Tensile stresses in the deformation zone during rolling. A. A. Korolev. Izv. vys. ucheb. zav.; chern. met. 5 no. 10:50-56 '62.
X-ray determination of stresses in chilled cast iron rolls. M. V. Shtal'man. Metalloved. i term. obr. met. no 8:19-21 Ag '62.

STRAINS AND STRESSES—MEASUREMENT
Methods and means for measuring deformations and stresses. S. V. Serensen, N. I. Prigorovskii. Vest. mashinostr. 42 no. 11 78-84 N '62.

STRAINS AND STRESSES—TESTING
Optically active material for flat models used in the investigation of mechanical and thermal stresses. T. Sh. Chernis, V. I. Savchenko. Izv. vys. ucheb. zav., mashinostr. no. 6:95-101 '62.

STRAVINSKII, IGOR FEDOROVICH, 1882-
Remarks on I. Stravinskii's style B. I. Arustovskii Sov. muz 26 no 9 21-32 S '62

STRAW AS FEED see subdivision under Kazakhstan

STRAW AS FOOD
Increasing the forage quality of straws. S. IA. Zafren, IU. A. Ivanov, A. F. Plotnikova Zhivotnovodstvo 23 no. 2 22-23 F '61.

STRAWBERRIES—DISEASES AND PESTS
Strawberry nematode in the central zone of the R. S. F. S. R. F. M. Drozdovskii Zashch. rast. ot vred. i bol. 7 no. 5 53-54 My '62.

STRAZHESKO, NIKOLAI DMITRIEVICH, 1876-1952
Nicolai Dmitrievich Strazhesko Kh. Kh. Rakhimbaev. Zdrav Kazakh. 22 no. 6 77-78 '62.

STREETCARS see subdivision under Leningrad

STRELETSKOYE STEPPE PRESERVE—STEPPE FLORA
Seasonal and annual changeability of the vegetative cover of the northern steppe. N. A. Tikhanova. Biul. MOIP Otd. biol. 67 no. 3,140 My-Je '62

STRENGTH OF MATERIALS
Evaluating the sensitivity to notching in testing specimens for long-period strength. L. B. Getsov. Zav. lab. 28 no. 11 1368-1372 '62.
Fundamental tasks of physics of the strength and plasticity of crystals M. V. Klassen-Neklyudova, V. N. Rozhanskii. Kristallografiia 7 no 4:499-506 Jl-Ag '62
Irreversibility of thread deformation caused by fatigue. M. P. Nosov, V. N. Babicheva Izv. vys. ucheb. zav., tekh. tekst. prom no 5 11-16 '62
Polymer strength as dependent on molecular weight. S. N. Zhurkov, S. A. Abasov. Fiz. tver. tela 4 no 8: 2184-2192 Ag '62.
The strength criterion in thermal fatigue. N. D. Sobolev, V. I. Egorov. Dokl. AN SSSR 147 no. 2:350-352 N '62.
Strength of cleavage whiskers as a function of size. P. G. Strelkov, A. A. Shpunt. Fiz. tver. tela 4 no. 8:2258-2261 Ag '62.
Strengthening of glass. F. F. Vitman, I. A. Bogushavskii, V. P. Pukh. Fiz. tver. tela 4 no. 8:2160-2168 Ag '62.
Testing of specimens for long-period strength by the "little chain" method. V. N. Geminov. Zav. lab. 28 no. 11:1372-1374 '62.

STREPTOCOCCUS
Sensitivity in relation to Streptococcus in chronic colitis and enterocolitis. N. I. Ekisenina. Sov. med. 26 no. 10 114-116 O '62.
Variability of Flexner (type "C") dysentery bacteria under the influence of an extract prepared from Enterococcus A. A. Abidov Trudy TashNIIVS 6 233-236 '61.

STREPTOMYCIN
Biosynthesis of streptomycin in a medium with fermented soybean meal. O. V. Krusser and others. Trudy Len. khim.-farm. inst. no. 15:127-133 '62.
Control of mutation processes in cancerous cells. N. P. Dubinin, L. V. Cherezhdanova, E. K. Bulochnikova. Dokl. AN SSSR 146 no. 4:917-920 O '62.
Effect of molybdenum and boron in an enriched medium on the biosynthesis of streptomycin. T. V. Lartonova and others. Trudy Len. khim.-farm. inst. no. 15:121-126 '62.
Enriching the medium for the biosynthesis of streptomycin. O. V. Krusser, A. I. Valakhanovich, G. V. Kholodova. Trudy Len. khim.-farm. inst. no. 15:117-120 '62.
Treatment of allergic and metastatic ocular tuberculosis. E. D. Blavatskaia. Trudy Erev. med. inst. no. 11:415-420 '60.
Treatment of brucellosis patients with terramycin in combination with streptomycin and vaccine. E. A. Shuyreva, Kh. A. Kasymova. Trudy Inst. kraev. pat. AN Kazakh SSR 12 187-193 '62

STRESS (PHYSIOLOGY)
Effect of physical stress on the level of arterial pressure in patients subjected to therapy with ionizing radiations [with summary in English]. A. V. Maskhvetadze. Med. rad. 7 no. 7:34-38 Jl '62.

STRIKES AND LOCKOUTS
(see also subdivision under Latvia)
A discussion among Austrian socialists. IU. Borko. Nov. vrem. 20 no. 40:16-18 D '62.

STRIP MINING
(see also subdivision under Kadzharan region; Kuznetsk Basin; Nikopol' region; Noril'sk region; Ukraine)
Determination of the most advantageous dimensions of a pit area in relation to the number of drawing trenches A. T. Kmitovenko, I. I. Russkii, S. I. Novichkov. Izv. vys. ucheb. zav., gor. zhur. 5 no 10:18-26 '62

STRIP MINING (Continued)

Optimum angle of the slope in working soft rocks with dragline excavators and its effect on the construction features of the machine. K. D Timotievich Gor zhur no 12 53 D '62

Selecting the efficient type of equipment for baring open-pit mines. A. N. Turenko, E. P. Kurakolov Ugol' Ukr. 6 no. 8 20-23 Ag '62.

STRONTIUM
(see also subdivision under Atlantic Ocean)

Determination of the isotope composition of strontium in the MI-1305 mass spectrometer. A D. Esikov, G S Beschastnova, G. N. IAkovlev. Biul Kom po opr. abs. vozr geol. form no. 5 82-88 '62.

Flame photometric determination of rubidium and strontium A. D Esikov, G. S Beschastnova, G N IAkovlev. Biul kom po opr. abs vozr geol form. no 5 76-81 '62

STRONTIUM—ISOTOPES

Possibility of using a mixture of isotopes of Sr^{89} and $Sr^{90} + Y^{90}$ in direct radiometry IU. V Egorov and others. Radiokhimia 4 no 4 516-518 '62.

Sensitivity of the body to pharmacological substances in lesions caused by Sr^{90}. A M Ivanitskii Med. rad 7 no 7 72-74 Jl '62.

STROPHANTHIN

Effect of strophanthin on the activity of some enzymes of the carbohydrate-phosphate metabolism of the myocardium N M Dmitrieva, K I. Rubchinskaia. Farm. i toks 24 no. 6 719-723 N-D '61

STRUCTURAL ALUMINUM see Aluminum, Structural

STRUCTURAL FRAMES

Calculations for statically indeterminate frames using a method of given moment curves I N. Gavrilov. Stroi. mekh. i rasch. soor. 4 no 5 14-18 '62.

STUDENT ACTIVITIES

Construction and repair brigade. V. Pitishkin-Potanich. Shkola i proizv. 6 no 5 86-87 My '62

Good initiative and useful deeds Nar obr no 12 15, 39, 61 D '62

STUDENT EMPLOYMENT

Ten-thousand students at the construction sites of the Virgin Territory. V M. Orel Vest. vys shkoly 20 no 11 55-58 N '62.

STUDENT TEACHING

Physics students in schools Z. Sh Zinatulina. Vest vys. shkoly 20 no 11:75-76 N '62

STUDENTS, IRAQI see subdivision under Uzbekistan

STUDENTS' SOCIETIES see subdivision under Estonia

STURGEONS
(see also subdivision under Caspian Sea; Irtysh River)

Feeding young sturgeons with brewer's yeast. M. M. Kargopolova. Ryb. khoz 38 no 5 22 '62

Results of using Artemia salina L. as food in raising acipenserid fry in round basins A. F Gun'ko, T. G Pluskachevskaia Vop. ikht 2 no. 2 371-374 '62.

STYRENE

Aromatic fluoro derivatives Part 10. 2, 4, 5-trihalostyrenes. G G IAkobson, L. I. Denisova, L. B Krasnova Zhur ob khim. 32 no. 10. 3131-3134 O '62

Block polymerization of styrene in a tube still. V. V. Utkin A N Levin Plast massy no 10 8-11 '62

Kinetics of inhibition of radical polymerization Part 7 Effect of halogen-substituted quinones on the initiated polymerization of styrene [with summary in English] F Tudos, L Simandi, M Azori Vysokom soed 4 no 9 1431-1444 S '62.

Synthesis of graft copolymers by the action of polymeric organometallic compounds on polar polymers and a study of their properties Part 1. Synthesis of graft copolymers of styrene and methyl methacrylate. S P Mitsengendler and others [with summary in English] Vysokom soed 4 no. 9 1366-1374 S '62

STYRENE POLYMERS

Kinetics of inhibition of radical polymerization Part 6 Effect of p-xyloquinone on the initiated polymerization of styrene [with summary in English] L Simandi, F Tudos Vysokom soed 4 no. 9 1425-1430 S '62.

Latest developments in the production of foam polystyrene abroad Z S TSalagova, A I. Il'iashevich, A. L Pechenkin Plast massy no 10 67-71 '62

SUBATA—PART-TIME FARMING

Storehouse of hidden potentialities. F. Korolev, IU. Bezelianskii Sov potreb. koop 6 no. 7.40-42 Jl '62

SUBCLAVIAN ARTERY—LIGATURE

Surgical treatment of chronic coronary insufficiency by bilateral ligature of the internal mammary arteries. A. Dzh. Dzhagarian, K. A. Kiandarian, S. Z. Oganesian. Trudy Erev. med. inst. no. 11 257-260 '60.

SUBJECT HEADINGS—BIOLOGY

Volgar', L. G. [Methods for the subject cataloging of biological literature, a textbook for librarians] Metodika predmetizatsii biologicheskoi literatury; posobie dlia bibliotekarei. Pod red. V. P. Kruglikovoi. Leningrad, Gos. Publichnaia biblioteka im. M. E. Saltykova-Shchedrina, 1962. 127 p.

SUBJECT HEADINGS—TECHNOLOGY

Subject cataloging the literature of technological processes. S. G. Karpova. Sov. bibl. no 5:10-20 '62.

SUBMARINE BOATS

In the usual, distant M Chuprikov Starsh -serzh no 9 10 S '62

SUBMARINE PHOTOGRAPHY see Photography, Submarine

SUBMARINE TOPOGRAPHY see subdivision under Caspian Sea

SUBMARINE WELDING AND CUTTING see Underwater welding and cutting

SUBSIDENCES (EARTH MOVEMENTS)

Subsidence properties of subsurface loess soils [with summary in English]. A. A. Musaelian. Trudy Inst. seism. stroi. i seism. 0:153-161 '61.

SUBSTITUTION (CHEMISTRY)

Cyanine dyes with unsaturated substituents. Part 11: Thiacarbocyanines containing dimethyl-, diphenyl-, and carboxyvinyl radicals in their benzothiazole nuclei. I. K. Ushenko, F. Z. Rodova, V. I. Korystov. Zhur. ob. khim. 32 no. 11:3650-3656 N '62.

Mutual effect of atomic groups in the molecules of aromatic compounds. P. P. Shorygin. Probl. fiz. khim. no. 1:164-172 '58.

Some problems of nucleophilic substitution in the phosphorus atom in the reactivation of phosphorylated cholinesterase. S. M. Markov and others. Dokl. AN SSSR 147 no. 2:484-487 N '62.

Substitution of halogen in azo compounds. Part 14: Substitution of chlorine in the azo dye of 3-chloro-3-aminoanthraquinone and 2-naphthol. B. I. Stepanov, I. I. Vorob'eva, M. A. Andreeva. Zhur. ob. khim. 32 no 10 3281-3283 O '62.

SUBTILISIN

Effect of deoxyribonucleic acid and diisopropyl fluorophosphate on the polarographic wave of subtilisin. I. D. Ivanov, E. E. Rakhleeva, V. G. Krylova. Dokl. AN SSSR 146 no. 4:941-944 O '62.

SUBVERSIVE ACTIVITIES

Crimes committed by the hirelings of imperialism. Blok. agit. [for Ukr.] no. 30:58-60 O '59.

SUBWAYS
(see also subdivision under Leningrad)

Nauchno-tekhnicheskoe obshchestvo moskovskogo metropolitena imeni V. I. Lenina. [Brief review of the subways of the world] Kratkii obzor metropolitenov mira. Moskva, 1958. 115 p.

SUCCINAMIC ACID

Derivatives of dicarboxylic acids. Report No. 26. Dialkylaminoethyl esters of dialkylsuccinamic acids. A. L. Mndzoian, N. A. Babilan, A. A. Gamburian. Izv AN Arm. SSR. Khim. nauki 15 no 4:363-369 '62.

SUCROSE

Study of the photochemical changes in a lecithin and glutamic acid or lecithin and glycine solution in the presence of saccharose with the use of artificial and sun light as a source of radiation [with summary in English] O N Patti, K Bahadur, N. D Pathak Biokhimiia 27 no 4 708-714 Jl-Ag '62.

SUDAN GRASS

Controlled effect of cold as a method of obtaining rapidly maturing and cold-resistant types of Sudan grass. N. I. Peregudov. Trudy Stavr. sel'khoz. inst. no 0 3-12 '60

SUFFOCATION see Asphyxia

SUGAR BEETS
(see also subdivision under Bashkiria; Chechel'nik District; Korolichi District; Zaporozh'ye Province)

Effect of treating seeds before sowing with trace element salt solutions on the yield and root quality of sugar beets. S. IA. Sumina. Uch. zap. Mord. gos. un. no 13: 92-98 '60.

"Handbook for the sugar beet grower." Reviewed by V. I. Zhivov. Zemledelie 24 no. 6:94-96 Je '62.

This is how we raise sugar beets. Sel'. mekh. no. 4:6-7 '62.

SUGAR BEETS—DISEASES AND PESTS see subdivision under Altai Territory; Novokubanskoye District; Ukraine

SUGAR BEETS—FERTILIZERS AND MANURES
(see also subdivision under Belaya Tserkov' District)

Fertilizers are an important means of increasing sugar beet yields. V. I. Seleznev. Uch. zap. Mord. gos. un. no. 13.76-91 '60.

SUGAR BEETS AS FEED

Sugar beets as a valuable feed for meat-type swines. J. Berzins. Izv. AN Latv. SSR no. 7:73-75 '62.

SUGAR CANE—FERTILIZERS AND MANURES

Effect of phosphorus deficiency on the growth of sugar canes and the uptake of nutrients by them [with summary in English]. J. N. Singh. Fiziol. rast. 9 no. 3: 289-296 '62.

SUGAR INDUSTRY—BY-PRODUCTS

Viscosity of alkali products obtained in the separation sections of sugar factories. E. L. Zarechanskii, A. M. Chernyi. Izv. vys. ucheb. zav.; pishch. tekh no. 4:86 '62.

SUGAR MANUFACTURE

Ivanov, S. Z. [Complex processing of granulated sugar] Kompleksnaia pererabotka sakharn-peska. Moskva, Pishchepromizdat, 1962. 66 p.

The time required to build sugar refineries can be shortened. O B Belostotskii Prom. stroi 40 no. 9:10-15 '62.

SUGAR MANUFACTURE—BY-PRODUCTS

Organization of farms specialized in meat production in the vicinity of sugar refineries. S I. Kutikov, V I Olshnik. Zhivotnovodstvo 23 no. 2:26-32 F '61.

SUGARS

Determination of the number of free hydroxy groups in some biological objects by the method of partial substitution [with summary in English] G. S Katrukha, A B Silaev. Biokhimiia 27 no 4:608-614 Jl Ag '62

Participation of heteroauxins in the translocation of sugars in plants [with summary in English]. K I. Povolotskaia, IU. V. Raklin, I. V. Khovanskaia. Fiziol rast. 9 no 3 303-308 '62.

SUICIDE

Rare case of self-strangulation by a noose. L. G. Bogunovskii. Sud.-med ekspert. 5 no. 1:50-51 O-D '62.

SULFANILIDE

Sulfanilides. Part 5. N-chloroacetyl derivatives of sulfanilides. M. S. Malinovskii, Z. F. Solomko, L. P. Grushko. Zhur. ob. khim. 32 no. 10 3105-3107 O '62.

SULFATES

Effect of specific surface on the sulfate resistance of gliezh portland cement. M. I. Miakinchenko Kor. tsem. i mery bor'by s nei no. 2:55-94 '62.

Effect of the duration of cement prehardening in water on its sulfate resistance Kor. tsem i mery bor'by s nei no 2 01-106 '62

Effect of the kinetics and conditions of the crystallization of sulfates on the sulfate resistance of glinite-portland cement F. L. Glokel'. I. Kh Kolontarov. Kor. tsem i mery bor'by s nei no 2 159-171 '62

Linear deformations in the sulfate corrosion of portland portland cements F. L. Glokel' Kor. tsem i mery bor'by s nei no. 2:140-157 '62.

Preparation of first experimental batches of sulfate resistant gliezh portland cement at cement plants of Uzbekistan. M. I. Miakinchenko, I. S Kantsepol'skii Kor. tsem. i mery bor'by s nei no 2 5-51 '62.

Study of the sulfate resistance of gliezh portland cement by the differential thermal analysis Sh M Rakhimbaev, I. S. Kantsepol'skii Kor. tsem i mery bor'by s nei no 2 172-176 '62.

Sulfate resistance of autoclave-treated gliezh portland cement in solutions of plastic consistency. I Kh. Kolontarov, A. I Stravchinskii. Kor. tsem i mery bor'by s nei no. 2 177 179 '62.

SULFIDES
(see also subdivision under Kuramа Range)

Internal structure and interrelations of nodular segregations of some sulfides. B. V. Brodin. Zap. Vses. min ob-va 91 no. 5:590-595 '62.

Relations between schoolite, wolframite, and sulfides. R. IU. Orlov. Dokl. AN SSSR 147 no. 1:207-209 N '62.

SULFIDES—METALLURGY

Thermodynamics and kinetics of the interaction of magnetite with iron, zinc, and copper sulfides in slag melts. B. V. Lebed', V. I. Smirnov. Dokl. AN SSSR 146 no. 4:864-867 O '62.

SULFONAMIDES

Phosphorylation of aminoarenesulfonamides. L. F. Zhuravleva, A. V. Kirsanov. Zhur. ob. khim. 32 no. 11:3752-3760 N '62.

SULFONATION

Sulfatization of aliphatic alcohols from unsaponifiable-II by chlorosulfonic acid. V. I Babaev, N I Bazhenova, M. D Zavistovskaia. Masl.-zhir. prom 28 no 7: 23-24 Jl '62.

SULFONES

Isomerization of sulfones of the benzene series. V. A. Koptug, T. N. Gerasimova. Zhur. ob. khim. 32 no. 11: 3700-3706 N '62.

Naphthalene series. Part 25. Formation of sulfones by the action of chlorosulfonic acid on naphthalene. V. V. Kozlov and others. Zhur. ob. khim. 32 no. 10:3440-3445 O '62.

Polymerization of vinyl ethyl sulfone under the effect of free radical initiating agents. M. F. Shostakovskii, E. N. Prilezhaeva, A. V. Sviridova. Dokl. AN SSSR 146 no. 4:837-839 O '62.

SULFONIC ACID

Naphthalene series. Part 25. Formation of sulfones by the action of chlorosulfonic acid on naphthalene. V. V Kozlov and others. Zhur ob. khim. 32 no. 10:3410-3445 O '62

SULFONYL GROUP

Sulfanilides. N-sulfonyl derivatives of thiourea M. S. Malinovskii, Z. F. Solomko, L. P. Glushko. Ukr khim zhur. 28 no. 6 952-954 '62

SULFUR—ISOTOPES

Adsorption of various substances on radioactive samples of barium sulfate. L. D. Belikova and others. Radiokhimia 4 no 1 110-121 '62.

SULFUR IN THE BODY

Content of sulfur organic compounds in the blood and urine of cows fed urea with added sodium sulfate I I Rozhnoi Vimyk sil'hosp. nauky 5 no 6 118-119 Je '62

SULFUR ORGANIC COMPOUNDS

Interaction of N, N-dialkylaminosulfonyl chlorides with trialkyl phosphites. New method of preparing dialkyl-S- dialkylamino thiophosphates. J. Michalski, B Pliszka Dokl. AN SSSR 147 no. 1,111-112 N '62

SULFURIC ACID

Extraction of sulfuric acid by tributyl phosphate. G. P. Giganov, V. D. Ponomarev. Trudy Inst. met. i obog. AN Kazakh. SSR 6:115-118 '62.

SUMMERIAN LANGUAGE—AFFIXES

The prefixes "mu" and "e" of Summerian verbs. V. V. Struve. Vest. drev. ist. no. 4:91-100 '62.

SUMSAR REGION—BORING—LABOR PRODUCTIVITY

Using deep boreholes for breaking ore in the Sumsar Mine V A Shentakov and others. Gor zhur no 12 8-10 D '62.

SUMY PROVINCE—AFFORESTATION

From practices in the afforestation of former pasteries. I M Patlai Vimyk sil'hosp nauky 5 no 5 109-111 My '62

SUMY PROVINCE—AGRICULTURE

History of the postwar development of Soviet Agriculture based on the materials of Sumy Province. I. IA. Makukhin, Ukr. inst. zhur. no. 4:114-119 Jl-Ag '62

SUN

Character of large-scale motions in the solar photosphere [with summary in English]. M. A. Kliakotko, N. I. Kozhevnikov. Astron. zhur. 39 no. 6:981-986 N-D '62.

Measurement of the total vector of the sun's magnetic field with a photoelectric magnetograph. B. A. Ioshpa, V. N. Obridko. Geomag. i aer. 2 no. 3:541-544 My-Je '62.

Photographing the sun. A. M. Bogudlov. Biul. VAGO no. 33, 58-59 '62.

Photosphere of the sun. V A Krat. Priroda 51 no. 11: 41-46 N '62.

Probability of hydrogen ionization by an electron impact [with summary in English]. E. V. Kononovich. Astron. zhur. 39 no. 6:1045-1047 N-D '62.

Some characteristics of magnetic fields connected with solar flares [with summary in English]. A. B. Severnyi. Astron. zhur. 39 no. 6:981-984 N-D '62.

Stability of plasma in a nonuniform magnetic field and the mechanism of solar flares [with summary in English]. S. I. Syrovatskii. Astron. zhur. 39 no. 6:987-989 N-D '62.

Sun flare hunter O A. Mel'nikov. Nauka i zhizn' 29 no 5:28-32 My '62.

SUN—CORONA

Extraecliptic coronograph with a high-dispersion stationary spectrograph G. M. Nikol'skii, V. P. Proshin, A A Sazanov Geomag. i aer. 2 no 3 532-540 My-Je '62.

Some characteristics of the magnetic field in the solar corona [with summary in English]. A. T. Nesmianovich. Astron. zhur. 39 no. 6:998-1002 N-D '62.

SUN—FACULAE

Investigating the facula-photosphere contrast in the spectral region λ λ 3755-6300 Å [with summary in English]. V. D. Kuz'minykh. Astron. zhur. 39 no. 6: 965-972 N-D '62.

SUN—OBSERVATION

Solar flares observed at the Main Astronomical Observatory of the Academy of Sciences of the Ukrainian S. S. R. from 1957 to 1960 [with summary in English]. A. S. Rakhubovskii, G. I. Didyshenko. Izv. Glav. astron. obser. AN URSR 4 no. 2:77-112 '62.

SUN—PROMINENCES

Measurement of magnetic fields in solar prominences. B. A. Ioshpa. Geomag. i aer. 2 no. 1:172-176 Ja-F '62.

SUNFLOWER SEED

Conditions for preserving the quality of sunflower seeds K. E. Leont'evskii, L. V. Romanova Masl. -zhir. prom 28 no. 7.5-8 Jl 62.

Device for a continuous removal of dust from a cyclone cone. G. A. Kohn. Masl. zhir. prom. 28 no. 7.41-42 Jl '62.

SUNFLOWER SEED OIL

Changes in the volume of the product in screw presses. V. A. Moslikov. Izv. vys. ucheb zav. ,pishch. tekh. no 4 140-143 '62

Dynamics of the distribution of oil administered perorally in the body of a rat [with summary in English] K Heidemanis. Izv AN Latv SSR no 4 127-130 '62

SUNFLOWER SEED OIL—TESTING

Effect of the conditions of the thermal drying of sunflower oilseeds on the oil quality V M. Kapelkovskii, V K Kostenko. Izv. vys ucheb. zav. ,pishch. tekh no 4:72-76 '62.

SUNFLOWERS see subdivision under Turkmenistan

SUNFLOWERS—DISEASES AND PESTS

White rust on sunflowers. N. S Novotel'nova Zashch rast ot vred i bol 7 no 7 57 Jl '62

SUNFLOWERS—VARIETIES

Characteristics of photosynthesis in sunflower varieties with high and low oil content [with summary in English] B. F Zhirnov Fiziol. rast 9 no. 3:318-324 '62.

SUNSHINE see subdivision under Turkmenistan

SUNSPOTS

Changes in the location of the auroral zone due to the solar cycle. IA. I. Fel'dshtein. Geomag i aer 2 no 3 571-572 My-Je '62

Effect of the depth of sunspots. V. F. Chistiakov. Biul. VAGO no. 32:48-51 '62.

SUPERCHARGERS

Epshtein, A. S. [Variable operating conditions of turbocharged diesel engines] Peremennye rezhimy dvigatelei s gazoturbinnym nadduvom Moskva, Mashgiz, 1962. 206 p.

[MICROFILM]

SUPERCONDUCTIVITY

Effect of conducting electrons on the Kapitsa temperature jump [with summary in English] A. F Andreev. Zhur. eksp i teor. fiz. 43 no. 4 1535-1542 O '62

On the heat anomaly of superconductors [with summary in English]. I O Kulik Zhur. eksp. i teor. fiz 43 no 4:1489-1492 O '62

Superconducting properties of thin aluminum films [with summary in English]. I. S. Khukhareva. Zhur. eksp. i teor fiz. 43 no. 4 1173-1178 O '62.

Theory of the absorption of ultrasound in superconductors [with summary in English] I A Privorotskii Zhur eksp. i teor. fiz. 43 no 4 1331-1338 O '62

SUPERCONDUCTORS

Spin-orbit interaction and the Knight shift in superconductors [with summary in English] A. A. Abrikosov, L. P. Gor'kov. Zhur. eksp. i teor. fiz. 42 no. 4;1088-1096 Ap '62.

SUPERFLUIDITY

Determination of the coefficient of mutual friction between the superfluid and normal components along vortex lines [with summary in English]. D. S. TSakadze. Zhur. eksp. i teor. fiz. 42 no. 4:985-987 Ap '62.

SUPERSONIC AERODYNAMICS see Aerodynamics, Supersonic

SUPERSONIC TESTING see Ultrasonic testing

SUPERSONIC THERAPY see Ultrasonic waves—Therapeutic use

SUPPERS

Buffet table. N. TSyplenkov. Obshchestv. pit. no. 10: 49-51 O '62.

SUPPURATION

Struchkov, V. I. [Surgery for suppuration] Gnoinaia khirurgiia, rukovodstvo dlia vrachei. Moskva, Medgiz, 1962. 357 p.

(DNLM)

SURETY OF THE PEACE

Domakhin, S. A., and V. G. Stepanov. [In the custody of workers] Obshchestvennoe poruchitel'stvo. Moskva, Gosiurizdat, 1962. 99 p.

SURFACE-ACTIVE AGENTS

Colloidal and chemical classification of surface-active substances. P. A. Demchenko. Masl -zhir. prom 28 no. 7.27-30 Jl '62

Effect of surface-active agents on the corrosion resistance of indium, tin, and indium-tin alloys. I. D Vdovenko, N. N. Gratsianskii. Ukr. khim. zhur. 28 no. 8:991-995 '62.

The effect of surface-active substances on cement stone, mortar and concrete. O V. Kuntsevich, P. E Alekseandrov Sbor. trud. LIIZHT no 174:185-200 '60

Selecting wetting agents. IU. Gunbin, P Donidov, M. Kuzakov Pozh delo 8 no. 11.16-17 N '62.

Standards in reservoirs for the surface-active substances OP-7 and OP-10. O. E. Goeva. Trudy LSGMI no 38: 111-120 '61.

Surface-active properties and washability of solutions of sodium salts of the normal and branched fatty acids F. V. Nevolin and others Masl. -zhir. prom 28 no. 7 15-22 Jl '62.

Using "kateksol" as a surface-active agent. L. E. Andreeva, E. IA. Zarina, E. K. Chekhol'skaia. Khim. volok. no. 5:67-68 '62

SURFACE CHEMISTRY

Estimating the surface activity of fused salts (oxides) O K Sokolov Izv vys. ucheb zav ,tsvet met. 5 no 3 67-70 '62.

Some phenomena observed in anode etching of germanium. O. V. Romanov, P. P. Konorov. Fiz. tver. tela 4 no. 8: 2276-2278 Ag '62.

SURFACE TENSION

Surface and interface tension of CaF_2-base binary melts S B IAkobashvili, I I Frumin Avtom svar. 15 no 10 41-45 O '62

Surface tension of melts of the indium - antimony system. V. B. Lazarev, M. IA. Dashevskii. Dokl. AN SSSR 146 no. 4:822-825 O '62.

SURGERY

Intubation anesthesia with relaxants in emergency operations in patients in terminal states F R Chernikhovskii Khirurgiia no 12 102-103 '61.

Seventh Leningrad Urban Conference of Young Surgeons I. F. Pan'kina, S. V Krymova Vest khir 87 no. 11: 138-143 N '61

SURGERY—ABSTRACTS

Abstracts. Klin khir no 8 87-90 Jl '62

SURGERY—BIBLIOGRAPHY see Bibliography—Surgery

SURGERY—CONGRESSES

Account of the second Interprovince Scientific Conference of Physicians of Lugansk and Donetsk Provinces B S. Tartakovskii. Klin khir. no. 6 91-92 Jl '62.

SURGERY, OPERATIVE

Complications caused by the use of cortisone therapy during surgical interventions [with summary in English]. V. A. Kovanov. Sov. med 26 no 6.66-74 Je '62.

Functional state of the adrenal cortex in surgical diseases, survey of Soviet and foreign literature. A T. Pulatov. Vest. khir. no. 5:118-126 '62.

Struchkov, V. I. [Surgery for suppuration] Gnoinaia khirurgiia, rukovodstvo dlia vrachei. Moskva, Medgiz, 1962. 357 p.

(DNLM)

SURGICAL INSTRUMENTS AND APPARATUS

Holder for the rectal mucosa. G. V. Astaf'ev, M. I. Anisimova, IU. IA. Griteman. Vest. khir. no. 5:91-92 '62.

New instruments for cosmetic operations on the face. B. S. Bobrov, G. V. Kruchinskii, T. V. Styskina Sov. med. 26 no. 6:130-132 Je '62.

Surgical polygraph PGKH-01, a new device for the control of physiological processes during surgical operations [with summary in English] L. G. Terekhova, A. A. Eman Vest khir. 87 no 11.18-21 N '61

SURGICAL SOCIETIES

(see also subdivision under Kazakhstan; Kiev Province; White Russia)

Minutes of the 1276th session of the Pirogov Surgical Society V. I. Kolesov Vest khir 87 no 11:146-148 N '61.

Minutes of the 38th and 39th sessions of the Anesthesiological Section of the Pirogov Surgical Society. M. O. Sternin Vest khir. 87 no. 11:148-151 N '61

SURKHAN-DARYA VALLEY—ELECTRIC PROSPECTING

Using correlated dependencies to interpret vertical electric prospecting curves M. L. Belelovskii, M B Zil'bershtein. Razved. i prom. geofiz. no 45:74-78 '62.

SURKHAN-DARYA VALLEY—MELONS

Vegetable gardening and melon growing in the Surkhan-Darya Valley in Uzbekistan, S. Saidkarimov. Nauch. rab. i soob. Otd. obshchestv. nauk AN Uz. SSR 4:139-144 '61.

SURKHAN-DARYA VALLEY—VEGETABLE GARDENING

Vegetable gardening and melon growing in the Surkhan-Darya Valley in Uzbekistan. S. Saidkarimov. Nauch. rab. i soob. Otd. obshchestv. nauk AN Uz. SSR 4:139-144 '61.

SURVEYING

Gospodinov, G. V., and others. [Handbook of practical assignments in surveying] Rukovodstvo k prakticheskim zaniatiiam po geodezii; kameral'nye raboty. Moskva, Mosk. gos. univ. im. M. V. Lomonosova, 1962. 118 p.

Slavachevskii, K. A. [Textbook of practical exercises in geodetic surveying, computation and graphic work] Posobie k prakticheskim zaniatiiam po geodezii; raschetnye i graficheskie raboty. Moskva, Geodezizdat, 1962. 170 p.

SURVEYING—INSTRUMENTS see subdivision under Germany, East

SUSLIKS
(see also subdivision under Asia, Central)

Present boundary of the range of the suslik (Citellus pygmaeus in Volgograd Province and adjoining provinces V.V Gruzdev Biul. MOIP Otd biol 67 no 3 114-119 My-Je '62

SUSPENSIONS (CHEMISTRY)

Absorption of ultrasound in a three-component system O A Kapustina. Akust. zhur 8 no 3:314-319 '62

SUTURES

Kalinina, T.V. [Mechanical tantalum suture in operations on the intestines] Mekhanicheskii tantalovyi shov pri operatsiiakh na kishechnike. Moskva, Medgiz, 1962. 57 p. (Biblioteka prakticheskogo vracha) (DNLM)

Mechanical suture for esophago-intestinal (gastric) anastomosis T V. Kalinina and others. Klin khir no 8 81-82 Jl '62

Use of the UKL-60 apparatus in operations on the stomach E M Borovyi Klin khir no 8 24-26 Jl '62

SVERDLOVSK—APARTMENT HOUSES—MAINTENANCE AND REPAIR

Only well and perfectly. E. Sokolov. Zhil.-kom khoz. 12 no.11-13 N '62.

SVERDLOVSK—BLIND, LIBRARIES FOR THE

The sun also shines for them Kh. Shakirov Bibliotekar' no 11 44-45 N '62

SVERDLOVSK—CONSERVATORIES OF MUSIC

In the Sverdlovsk Conservatory IA Ginzburg Sov muz 26 no 9 40-41 S '62

SVERDLOVSK—WOOD-USING INDUSTRIES

Russia (1917- R.S.F.S.R.) Sverdlovskii ekonomicheskii administrativnyi raion. Sovet narodnogo khoziaistva. [Lumbering industry of the Sverdlovsk Economic Council] Lesnaia promyshlennost' Sverdlovskogo sovnarkhoza, sbornik statei. Sverdlovsk, Tsentr. biuro tekhn. informatsii, 1960. 139 p

SVERDLOVSK PROVINCE—EDUCATION, COOPERATIVE

Creative cooperation N. Nefiubin, L. Novikova Nar. obr no 12 27-29 D '62

SVERDLOVSK PROVINCE—IRON INDUSTRY—LABOR PRODUCTIVITY

Kaganov, G. A. [Increasing labor productivity is the path to abundance, based on the work materials of the enterprises of ferrous metallurgy] Povyshenie proizvoditel'nosti truda - put' k izobiliiu, po materialam raboty predpriiatii chernoi metallurgii Sverdlovsk, Metallurgizdat, 1961. 35 p. (Osnovy ekonomiki predpriiatii chernoi metallurgii)

SVERDLOVSK PROVINCE—LUMBERING

Russia (1917- R.S.F.S.R.) Sverdlovskii ekonomicheskii administrativnyi raion. Sovet narodnogo khoziaistva. [Lumbering industry of the Sverdlovsk Economic Council] Lesnaia promyshlennost' Sverdlovskogo sovnarkhoza; sbornik statei. Sverdlovsk, Tsentr. biuro tekhn. informatsii, 1960. 139 p.

SVERDLOVSK PROVINCE—MINE VENTILATION

Experimental determination of the aerodynamic resistance of the entire complex of caves in the "Yuzhnaya" Mine of the Gora Blagodat' Mining Enterprise. V. A. IArtsev. Gor. zhur. no 6:31-35 Je '62.

SVERDLOVSK PROVINCE—STEEL INDUSTRY—LABOR PRODUCTIVITY

Kaganov, G. A. [Increasing labor productivity is the path to abundance, based on the work materials of the enterprises of ferrous metallurgy] Povyshenie proizvoditel'nosti truda - put' k izobiliiu, po materialam raboty predpriiatii chernoi metallurgii. Sverdlovsk, Metallurgizdat, 1961. 35 p. (Osnovy ekonomiki predpriiatii chernoi metallurgii)

SVERDLOVSK PROVINCE—VOCATIONAL EDUCATION

Secondary specialized education on the upsurge. B. A. Osipov. Sred. spets. obr. 9 no.10:13-16 O '62.

SVERDLOVSK PROVINCE—WEED CONTROL

Chemical weed control in Sverdlovsk Province. K. P. Padenov. Zashch. rast ot vred. i bol. 7 no. 3 55 Mr '62.

SVYDNYTS'KYI, ANATOL', 1834-1871

Syrachenko, M. Ie. [Anatol' Svydnyts'kyi and the origin of the social novel in Ukrainian literature] Anatolii Svydnyts'kyi i zarodzhennia sotsial'noho romanu v ukrains'kii literaturi. Kyiv, Vyd-vo Akad. nauk URSR, 1962. 414 p.

SWAMPS see subdivision under Vologda Province

SWEDEN—AGRICULTURAL EDUCATION

Agricultural education in Sweden. V. F. Krasota, I F. Garkusha, A. G. Utekhin Vest. sel'khoz. nauki 7 no. 9.147-153 S '62.

SWEDEN—FILTERS AND FILTRATION

Plastic screens (from "Svensk Papperstidning," no. 11, 1961). Bum. prom. 37 no. 10 30 O '62.

SWEDEN—NUCLEAR ENGINEERING

A visit to Sweden. Atom. energ. 13 no. 5.505-507 N '62.

SWEDISH LANGUAGE—DICTIONARIES—RUSSIAN

Milanova, D. E', comp. [Swedish-Russian dictionary. Approximately 62,000 words] Shvedsko-russkii slovar'. Okolo 62 000 slov. Izd. 3. S prilozheniem kratkogo grammaticheskogo ocherka, sost S. S. Maslovoi-Laghanskoi. Moskva, Gos. izd-vo inostr. i natsional'nykh slovarei, 1962. 1057 p.

SWIMMING
(see also subdivision under Australia)

Carrying out the decree of the Presidium of the Central Council of the Union of Sports Societies and Organizations of the U.S.S.R. "On the unsatisfactory condition of and measures for improving work on swimming" in Leningrad. Teor. i prak. fiz. kul't. 25 no.6:73 Je '62.

Electric registration of a swimmer's movements. V. V. Belokovskii. Teor. i prak fiz. kul't. 25 no. 8:64-66 Ag '62.

Method for gradually increasing resistance in the training of swimmers. S. Vaitsekhovskii, V Mil'shtein. Teor. i prak fiz. kul't. 25 no. 6.52-53 Je '62.

Use of vitamins in the training of foreign swimmers. S. Vaitsekhovskii, V. Mil'shtein. Teor. i prak. fiz kul't. 25 no. 6 53-54 Je '62.

SWIMMING—STUDY AND TEACHING

Use of small-sized pools in instructing and training swimmers V. N. Mikhailov Teor. i prak. fiz. kul't 25 no. 8:55-57 Ag '62.

SWINE

Laskin, D. F., and A. A. Shilapin. [Penless fattening of swine] Otkorm svinei bez stankov. [Moskva] Mosk. rabochii, 1962. 28 p (Ikh opyt dostupen vsem) (DNAL)

"We are fattening each 1500 swine" by V. E. Belova and K. P Bulan Reviewed by V I Orlov. Zhivotnovodstvo 22 no. 2 95-96 F '60

SWINE—DISEASES AND PESTS see subdivision under Ukraine; Vitebsk Province

SWINE—FEEDING AND FEEDS
(see also subdivision under Khorol District, Lazovskiy District; Zaporozh'ye Province)

Effect of antibiotics on swine fattening in the new swine houses. V. A Tashchilin, V V. Shcheglov. Zhivotnovodstvo 23 no. 2 38-40 F '61.

Sugar beets as a valuable feed for meat-type swines. J. Berzins. Izv. AN Latv. SSR no 7:73-75 '62.

Test of new forms of feed antibiotics in fattening swine for meat. E. F. Kiseleva. Trudy Len. khim.-farm. inst. no. 15 259-271 '62.

Using nurse cows for raising chicks and young pigs. G. A Cheremisinov. Zhivotnovodstvo 22 no 2 59-60 F '60.

SWINE BREEDING

Importance of crisscrossing in raising swine for meat production. P N. Kudriavtsev. Zhivotnovodstvo 22 no. 2 22-28 F '60

Results of artificial insemination of swine under farm conditions. A. L Arkhipovets, S. F. Dudchenko. Zhivotnovodstvo 22 No. 2.79-82 F '60.

SWINE HOUSES AND EQUIPMENT
(see also subdivision under Kinel' District)

Mechanized farm for fattening 2,500 pigs. M. Kolotii. Sil' bud. 12 no. 9:3-5 S '62.

Warm floors in swine houses. O. Birylov. Sil'. bud. 12 no. 9:13 S '62.

SWITCHING THEORY

Programming network of an n-step technological process with n+1 devices and one contact from each element. V. V. Obrazisov. Trudy NPI 124:41-52 '62.

SWITZERLAND—EDUCATION, HIGHER

Institutions of higher learning of Switzerland. N. S. Afonin. Vest. vys. shkoly 20 no. 11:89-91 N '62.

SYDNONE

Sydnones and sydnone imines. Part 14: Synthesis of p-phenylene-bis-3-sydnone and 3-sydnone imine. V. G. IAshunskii, L. E. Kholodov. Zhur. ob. khim. 32 no. 11:3661-3665 N '62.

SYDNONE IMINE

Sydnones and sydnone imines. Part 14: Synthesis of p-phenylene-bis-3-sydnone and 3-sydnone imine. V. G. IAshunskii, L. E. Kholodov. Zhur. ob. khim. 32 no. 11:3661-3665 N '62.

SYMPATHETIC NERVOUS SYSTEM see Nervous system, Sympathetic

SYMPHONY ORCHESTRAS see subdivision under Sofia

SYNCHRONOUS MOTORS see Electric motors, Synchronous

SYNCHROS

Automatic phase synchronization of propeller blades of multi-engine airplanes. O. B. Vlasov-Vlasiuk. Aviom. reg. aviadvig. no. 4:70-84 '62.

SYNOVIAL MEMBRANES—INFLAMMATION

Effect of the purulent synovitis on the absorptive function of the reticulo-endothelial system in sheep [in Armenian with summary in Russian]. Izv. upr. sel'khoz. nauki Arm. SSR 4 no 10.93-95 '61.

SYNTHETIC PRODUCTS—EXHIBITIONS

Exhibition of synthetic materials in Paris. B. A. Krentsel'. Vest. AN SSSR 32 no. 11 114-117 N '62.

SYR-DARYA VALLEY—ANTIQUITIES

Results of the 1961 historico-archaeological explorations in the ancient river beds of the Syr Darya. S.P. Tolstov. Sov. arkheol. 3 no. 4:121-136 '62.

SYR-DARYA VALLEY—RICE

Important problems of rice growing. D. IAkovenko. Part. zhizn' Kazakh. 32 no. 11:50-54 N '62

SYRIA—ANTIQUITIES

Origin of tells. K M. Mirzaev. Priroda 51 no 11 46 N '62

SYSTEMS (CHEMISTRY)

Characteristics of the demixing field of transition-type ternary systems. Part 2 R. V. Mertslin, N. I Nikurashina, Zhur. ob. khim. 32 no 10.3122-3130 O '62.

Chemiluminescent catalytic reaction in the system luminol - copper - hydrogen peroxide. Part 3: Photoelectric method of studying the effect of pH and ammonia concentration. A. K. Babko, N M. Lukovskaia Ukr. khim. zhur. 28 no. 8:900-902 '62.

Constitution diagram of the system $SnCl_2$ - NH_4Cl. S. I. Berul', M. V. Pevnitskaia. Shor. trud. TSNIKHIM no. 28 178-182 '62.

Crystalline structures of ternary compounds in the system cerium - transition metal - aluminum. O. S Zarechniuk, P I. Kripiakevich. Kristallografiia 7 no. 4:543-554 Jl-Ag '62

Electroconductivity of binary systems of sodium and titanium chlorides and potassium and titanium chlorides. M V Kamenetskii, L I Shovlinkova. Izv. vys uchebn zav., tsvet. met. 5 no. 3.89-93 '62.

Formation of the equilibrium regions involving three liquid phases in ternary systems. N. F. Markusin, L. A. Nikanorova. Zhur. ob. khim. 32 no. 11:3469-3473 N '62.

"Reference guide on solubility. Vol. 1. Binary systems". Reviewed by V. A. Zhuzhikov Khim. prom no 9.699 S '62.

Thermographic investigation of the system K_2TiF_6 - NaCl - TiO_2. IU. M. Putilin and others. Trudy Inst. met. i obog. AN Kazakh. SSR 5 82-84 '62.

T. G. SHEVCHENKO NATIONAL PARK—HOTELS, TAVERNS, ETC.

Summer hotel in the T. G Shevchenko National Park M Grechina. Arkhit SSSR no 9 63-64 '62.

TABLES, MATHEMATICAL see Logarithms

TACHEOMETER (SURVEYING INSTRUMENT) see Tachymeter

TACHINID FLIES see subdivision under Moldavia

TACHOMETER

Watch type "SK" tachometer. V. P. Grechishkin. Tekst. prom. 22 no. 10.77 O '62.

TACHYMETER

Tachymeter for rodless surveying of rock caving zones G. T. Nesterenko, F. I Boreiko Gor. zhur. no 12:27-30 D '62

TAGANROG—SCHOOL SUPERVISION

Methodological work of teachers V. Norglik. Nar. obr. no. 12 21-23 D '62.

TAGANROG—TEACHERS, TRAINING OF

Methodological work of teachers. V. Norglik. Nar obr. no. 12:21-23 D '62.

TAGLIAFERRO, MADALENA

Magda Tagliaferro. K Adzhemov. Sov muz. 26 no 9 84 S '62.

TAGORE, RABINDRANATH 1861-1941

Interpretation of Rabindranath Tagore's work on the pages of the journals "Er fuzil" and "Maorif va ukituvchi." P. Rasul'-zade. Nauch. rab. i soob. Otd. obshchestv. nauk AN Uz. SSR 4:379-383 '61.

TAHITI—DESCRIPTION AND TRAVEL

In Tahiti. E. Suziumov. Nov. vrem 20 no. 46:30-31 N '62.

TAILINGS (METALLURGY) see subdivision under Zyryanovsk

TAIR-ZADE, MIRZA-ALEKBER, 1862-1911

Dzhafarov, M. D. [Mirza Alekber Sabir] Mirza Alekper Sabir. Baku, Azerneshr, 1962. 27 p.

TAJIKISTAN—ARCHITECTURE—DESIGNS AND PLANS

Tajikistan. G. Gubish. Arkhit. SSSR no. 9 32-33 '62.

TAJIKISTAN—COTTON—HARVESTING

How we account for raw cotton harvested by machines. L.I. Idiatullin. Uchet i fin.v kolkhoz.i sovkhoz. 19 no.11 22-23 N '62.

TAJIKISTAN—FIELD MICE

Ecology of the Transcaspian field mouse Microtus transcaspicus Satunin, 1905, in Tajikistan G S Davydov Trudy Inst zool i paraz AN Tadzh SSR 22 49-57 '62

TAJIKISTAN—FLEAS

Fleas of some rodents in southwestern Tajikistan V.E Tiflov, G S. Davydov. Trudy Inst zool i paraz AN Tadzh SSR 22:70-75 '62

TAJIKISTAN—GEKKO

New occurrences of the geckos Alsophylax loricatus Str and A. pipiens Pallas in Tajikistan S. A. Said-Aliev. Trudy Inst zool, i paraz AN Tadzh. SSR 22, 103-105 '62.

TAJIKISTAN—GERBILS

Distribution of gerbils in Tajikistan. G S Davydov. Trudy Inst zool, i paraz. AN Tadzh. SSR 22:58-69 '62

TAJIKISTAN—IBEX

Siberian ibex with abnormal horns. A. V. Popov Trudy Inst. zool, i paraz, AN Tadzh, SSR 22:87-88 '62.

TAJIKISTAN—LIZARDS

Food of the takyr lizard Phrynocephalus helioscopus in Tajikistan O. P. Bogdanov. Trudy Inst. zool i paraz AN Tadzh, SSR 22,109-117 '62.

TAJIKISTAN—MEDICINE

Analysis of the activity of preventive medicine institutions in the Tajik S. S. R. in accord with the annual statistical accounts for 1961. A. Grigorenko Zdrav. Tadzh, 5 no. 4:14-50 Jl-Ag '62.

TAJIKISTAN—NUTRITION SURVEYS

Materials from a study of the nutrition of the rural population of the Tajik S. S. R. K B. Baratov Zdrav. Tadzh 5 no. 4,30-34 Jl-Ag '62.

TAJIKISTAN—PARASITES—RODENTIA

Fleas of some rodents in southwestern Tajikistan. V. E. Tiflov, G. S Davydov Trudy Inst. zool. i paraz AN Tadzh, SSR 22:70-75 '62.

TAJIKISTAN—RODENTIA

Significance of metabolic water in the water metabolism of some species of desert rodents of Tajikistan. V. A. Stal'makova. Trudy Inst. zool. i paraz AN Tadzh SSR 22:76-86 '62.

TAJIKISTAN—SERPENTS

New materials on the distribution of some poisonous vipers (Vipera lebetina turanica Cern. and Echis carinatus) in Tajikistan. S. A. Said-Aliev. Trudy Inst. zool. i paraz. AN Tadzh. SSR 22:106-108 '62

TAJIKISTAN—SPARROWS—EXTERMINATION

Sparrows as grain crop pests in Tajikistan and their extermination. A. V. Popov. Trudy Inst. zool. i paraz AN Tadzh. SSR 22 26-38 '62.

TAJIKISTAN—TYPHOID FEVER—PREVENTION

System of measures for controlling typhoid fever in a rural district of Tajikistan. IU. L. Dogtiarev. Zdrav. Tadzh 5 no. 4;34-37 Jl-Ag '62.

TAJIKISTAN—WARBLERS

Streaked scrub warbler (Scotocerca inquieta platyura Sev.) in Tajikistan. P. I., Potapov. Trudy Inst. zool. i paraz. AN Tadzh. SSR 22:41-48 '62.

TAKYR see subdivision under Tedzhen Valley

TALAS ALA-TAU—SANDSTONE

Cuprous sandstones in ancient formations of the Talas Ala-Tau. V. M. Popov, E. B Baibulatov. Izv. AN Kir SSR. Ser. est. i tekh. nauk 4 no. 3;41-56 '62.

TALC

(see also subdivision under Gazimur Valley; Shilka Valley)

Investigating Kurchum deposit talc-magnesite rocks. P. N. Babin, L. K. Venderova. Trudy Inst. met. i obog. AN Kazakh. SSR 5:150-174 '62.

TALDOM—TECHNICAL EDUCATION

By common efforts. V. Dmitriev. Za rul. 20 no. 11: 4-5 N '62.

TALDY-KURGAN DISTRICT—STOCK AND STOCK-BREEDING

From the practice of general stockbreeding management on the XXII Partsezda Collective Farm. Kh. Argynbaev. Izv. AN Kazakh. SSR. Ser. ist., arkheol. i etn. no. 3;51-61 '62.

TAL'KO-GRYNTSEVICH, JULIAN DOMINIKOVICH, 1859-1936

J. A. Rolle and IU. D. Tal'ko-Grynsevich. V. D. Otamanovskii. Sov. zdrav. 21 no. 8:75-77 '62.

TALLINN—BARBERS

Estonian experts on beauty. G. Harak. Zhil.-kom. khoz. 12 no. 11:24a-24b N '62.

TALLINN—BEAUTY SHOPS

Estonian experts on beauty G. Harak. Zhil.-kom khoz. 12 no. 11:24a-24b N '62.

TAMAN' PENINSULA—GEOLOGY

Geological history of the Kerch-Taman' trough A. N Shardanov Trudy KF VNII no 10-40-52 '62

TAMAN' PENINSULA—MUD VOLCANOES

Roots of the mud volcanoes in the Taman' Peninsula. A N Shardanov, V T Malyshek, V P Peklo Trudy KF VNII no 10 53-86 '62

TAMBOV PROVINCE—AGRICULTURE—HYGIENIC ASPECTS

First steps. L. Slutskii. Okhr. truda i sots. strakh. 5 no. 10 16-17 O '62.

TAMBOV PROVINCE—AUTOMOBILE INDUSTRY

Paukov, P. V., and O. A Shpekht. [From automatic machines to an automatic plant] Ot stankov-avtomatov k zavodu-avtomatu. [Tambov] Tambovskoe knizhnoe izd-vo, 1962 39 p.

TAMBOV PROVINCE—POULTRY

Let us show more concern for workers. D. Mozaeva. Agitator no 24 39-40 D '62.

TAMBOV PROVINCE—TRACTOR INDUSTRY

Paukov, P. V., and O. A. Shpekht. [From automatic machines to an automatic plant] Ot stankov-avtomatov k zavodu-avtomatu. [Tambov] Tambovskoe knizhnoe izd-vo, 1962. 39 p.

TANGANYIKA

Kataman, V. IA. [Tanganyika] Tangan'ika, 1946-1961. Moskva, Izd-vo vostochnoi lit-ry, 1962. 140 p

TANGERINE see subdivision under Anaseuli

TANK VESSELS

Foreign experience in the construction of aluminum river tankers. S. Kniazev. Rech. transp 21 no. 11 56-59 N '62.

TANKS

Mechanical oil issue in tank farms. A. V. Nikolaev. Neftianik 7 no 4 15 Ap '62

Precast reinforced concrete tanks. N. Koniaev, A. Gekluman. Stroitel' 8 no 10-3-4, 4 of cover O '62.

Safarian, M. K., M. I. Ashkinazi, and G. S Cholotian. [Steel tanks with spherical cylindrical roofs for petroleum products; experimental and theoretical studies of the construction] Stal'nye rezervuary so sferotsilindricheskoi kroviei dlia nefteproduktov, eksperimental'nye i teoreticheskie issledovaniia konstruktsii. Moskva, VNIIST Glavgaza SSSR. Redaktsionno-izdatel'skii ot-del, 1961. 94 p.

TANKS—PAINTING

Using movable scaffolding when painting tanks. V. M. Andrliashkin. Stroi. truboprov. 7 no. 10;21 O '62.

TANKS (MILITARY SCIENCE)

Best in the world. V. Mostovenko. Starsh.-serzh no 9 24 S '62.

"Bronia-1" shoots A Zhuravskii. Starsh.-serzh no 9 21-22 S '62

Firing from tanks from concealed firing positions. N. Shramov. Voen. vest. 42 no 5 103-106 My '62

Tank maneuver in the course of an attack A Mel'nikov Voen vest. 42 no. 5 21-24 My '62

TANNING see subdivision under Pskov

TANNU-OLA RANGE DIATOMS, FOSSIL

Diatomlike organisms from the Cambrian of the Tannu-Ola mountain ridge in Tuva. A. G. Vologdin. Dokl. AN SSSR 146 no. 4;909-912 O '62.

TANNU-TUVA see Tuva A.S.S.R.

TANTALUM

Extraction of tantalum by tributyl phosphate. G. P. Giganov, V. D. Ponomarev. Trudy Inst. met. i obog. AN Kazakh. SSR 5:125-129 '62.

TANTALUM—ANALYSIS

Extraction-photometric determination of tantalum with butylrhodamine B and rhodamine 6G. N. N. Pavlova, I. A. Blium. Zav. lab. 28 no. 11;1305-1311 '62.

TANTALUM—ISOTOPES

Radiochemical study of the reactions of deep spallation and fission of tantalum by 680-MEV protons. V. I. Baranovskii, A. N. Murin, B. K. Preobrazhenskii. Radiokhimiia 4 no. 4;470-479 '62.

TAPE AND WIRE RECORDERS AND RECORDING see Magnetic recorders and recording

TASHKENT—BATS

Detection of the Q fever virus on bats in the city of Tashkent. V. A. Lysunkina. Trudy TashNIIVS 6:183-185 '61.

TASHKENT—BUILDINGS, PREFABRICATED

A house is on an assembly-line B. Pak Nar khoz Uzb 4 no 10 40-41 O '62

TASHKENT—HEPATITIS, INFECTIOUS

Materials on the epidemiology of Botkin's disease in Tashkent R. A. Kapovskaia and others. Trudy TashNIIVS 6:167-174 '61

TASHKENT—ILLITERACY

Development of public education in the city of Tashkent under the first five-year plan M. Kasymova. Nauch. rab. i soob. Otd. obshcheatv. nauk AN Uz. SSR 4 195-201 '61.

TASHKENT—INDUSTRIAL MUSEUMS

Twenty-fifty anniversary of a museum. O. Apukhtin. Uzbekistan 21 no. 10 19 '62.

TASHKENT—INDUSTRIES

Tashkent as an industrial center. T. Raimov. Nauch. rab. i soob. Otd obshcheatv. nauk AN Uz SSR 4:97-105 '61.

TASHKENT—IRON AND STEEL WORKERS

The Tashkent city section inhabited by iron founders at the end of the 19th century and in the early 20th century K. Fazilova. Nauch. rab. i soob. Otd obshcheatv. nauk AN Uz. SSR 4 240-245 '61.

TASHKENT—OBSERVATORIES

Space travel. Uzbekistan 21 no. 10:13 '62.

TASHKENT—POLIOMYELITIS

Epidemiological analysis of the poliomyelitis incidence in the city of Tashkent during 1953 to 1958 S B. Dubrovinskii and others. Trudy TashNIIVS 6,109-124 '61

TASHKENT—POPULATION

The Tashkent city section inhabited by iron founders at the end of the 19th century and in the early 20th century K. Fazilova. Nauch. rab. i soob. Otd. obshcheatv nauk AN Uz. SSR 4,240-245 '61.

TASHKENT—TEXTILE DESIGN

Spring on chintz. K. Fedorov. Uzbekistan 21 no. 10.15 '62

TASHKENT PROVINCE—AGRICULTURE—FINANCE

Business accounting is the principal method for efficient management. K Rashidov and others Nar khoz Uzb 4 no. 10 55-62 O '62.

TASHKENT PROVINCE—BOLLWORM

Materials on methods of forecasting the abundance of cotton bollworm. T. D. Manulova. Vop. ekol. 4:129-130 '62.

TASHKENT PROVINCE—FARM MECHANIZATION

About an unscrupulous review K. Rashidov, A. Tursunbaev, N. Beknazov. Nar. khoz Uzb. 4 no 10 94-95 O '62.

TASHKENT REGION—FOLDS (GEOLOGY)—MAPS

Using geophysical data for mapping folds in the basement of the Tashkent trough. I. M. Mel'kanovitskii, R. A. Kostromina. Uch. zap. SAIGIMSa no. 5 119-125 '61.

TASHKENT REGION—ROCKS, SEDIMENTARY—CLASSIFICATION

Classification of sedimentary multicomponent rocks in Middle and Upper Devonian sediments in the Tashkent region. E. L. Abramovich. Uch. zap. SAIGIMSa no. 5: 19-21 '61.

TASHKENT REGION—SOLAR RADIATION—SPECTRA

Measurement of scattered sky radiation in afield of 1 to 3.5 microns at altitudes of 15 to 17 km. E D Sholokhova, E. O. Fedorova. Izv. AN SSSR. Ser. geofiz. no. 11; 1671-1672 N '62.

TASTE

Function of the gustatory analyser in brucellosis. E A. Khafrushev. Trudy Inst kraev. pat. AN Kazakh SSR 12:123-127 '62.

TASTY-BUTAK VALLEY—BRONZE AGE

Sorokin, V. S. [A Bronze Age burial mound Tasty-Butak No. 1 in western Kazakhstan] Mogil'nik bronzovoi epokhi Tasty-Butak 1 v Zapadnom Kazakhstane. Moskva, Izd-vo Akad. nauk SSSR, 1962. 208 p. (Materialy i issledovaniia po arkheologii SSSR. No. 120)

TATAR A.S.S.R.—AGRICULTURE—AUDITING AND INSPECTION

Control and auditing work becomes animated. Kh. M. Shaidullin. Uchet i fin.v kolkhoz. i sovkhoz. 19 no. 11; 52-54 N '62.

TATAR A.S.S.R.—EVENING AND CONTINUATION SCHOOLS

Efficient supervision. A. Sal'nikov. Prof.-tekh. obr. 19 no. 10:31 O '62.

TATAR A.S.S.R.—GEOLOGY, STRATIGRAPHIC

New data on the stratigraphy of the Lower Carboniferous of the Tatar A.S.S.R. obtained by deep drilling during 1959 to 1961. IU. I. Kuznetsov. Dokl. AN SSSR 147 no. 2,438-441 N '62.

TATAR A.S.S R.—LIBRARIES

I cannot sit in the cold [Ibragimo. Bibliotekar' no 11 56 N '62

Let us speak frankly B Gol'dberg Bibliotekar' no 11 57-58 N '62

TATAR A S S R.—PEAS

Chemical control of weeds in pea fields Kh. Kh. Khabibrakhmanov, Zashch rast ot vred i bol 7 no 3 26 Mr '62

TATAR A,S S.R.—PETROLEUM

Certain regularities in the distribution of the individual hydrocarbon composition of tigroine of Tatar A S S R. crudes B. I e, F A Urmancheev, Khim i tekh topl i masel 7 no 5 37-42 My '62

TATAR A,S.S R.—PETROLEUM GEOLOGY

Method of determining the conditions for calculating petroleum reserves as exemplified by D1 horizon of one of the fields of the Tatar A S S R. L.F Dementiev and others Trudy, VNII no 36,167-179 '62

TATAR A.S.S.R —PETROLEUM INDUSTRY

Petroleum workers of the Tatar A, S, S, R, Neftianik 7 no 4 18 Ap '62

TATAR A,S.S.R —SCHOOL SUPERVISION

Efficient supervision A, Sal'nikov. Prof.-tekh. obr. 19 no. 10 31 O '62.

TATAR A,S.S.R —SEEDS—DISINFECTION

Unit for thermal disinfection of seeds. Z IA. Chizhevskaia. Zashch rast ot vred i bol. 7 no 3 21 Mr '62

TAYLOR'S SERIES (MATHEMATICS) see Series, Taylor's

TEA

(see also subdivision under Azerbaijan, Krasnodar Territory)

Berezhnoi, I. M., A. N. Ivanova, and I. M Seletskii. [Growing tea] Kul'tura chaia Moskva, Gos. izd-vo sel'khoz. lit-ry, 1950, 265 p. illus. (Uchebniki i uchebnye posobiia dlia sel'skokhoziaistvennykh tekhnikumov)

(MnU)

Caffeine formation in tea plant shoots [with summary in English] M N Zaprometov Biokhimiia 27 no 4 679-684 Jl-Ag '62

TEA—DISEASES AND PESTS

Entomophaga of tea plant pests [with summary in English] V S. Dzhashi Subtrop kul't. no 2 51-62 '62

TEA—FERTILIZERS AND MANURES

(see also subdivision under Georgia)

Effect of nitrogen and phosphorus fertilizers on the quality of black tea [with summary in English] I A Nakhidze Subtrop kul't no 2 27-40 '62

TEA—VARIETIES see subdivision under Georgia

TEACHERS

(see also subdivision under Balashikha, Moscow Province; Kastornaya Novaya, Saraly, Ordzhonikidzevskiy District, Velikomikhaylovka District; Yukhmachi)

Institutions of higher learning should have much to say concerning the planning of the distribution of future teachers. N. F. Shumilov. Vest. vys. shkoly 20 no. 11 95-96 N '62.

There is no limit to human power if this power comes from the group. A. M Nizova Nach. shkola 30 no 11 17-21 N '62.

TEACHERS—LEGAL STATUS, LAWS, ETC.

Legal characteristics of regulations on the work of Soviet educational personnel, E. Zhanaliiov. Trudy Inst. filos. i prava AN Kazakh. SSR 6:114-129 '62.

TEACHERS, TRAINING OF

(see also subdivision under [illegible]

Let's start working without repeating students! V Litvinov Nar obr no 11 35-37 N '62

Means to increase students' success in the schools for working youth S P. Shepelev. Sov pedag. 26 no. 6 77-83 Je '62.

Organizing work in combined classes I F Stukalo Rad shk 11 no 11 28-30 N '62

Pedagogical craftsmanship and creativeness. A. N. Konev Nach shkola 30 no. 11:14-17 N '62.

Questions and assignments given by a teacher as a means of encouraging students' thoughts. Z A Smirnova. Sov. pedag 26 no. 6:42-49 Je '62.

Rewarding work. Z. Zheleznlak. Nach shkola 30 no 11 25-26 N '62.

Role of an individual approach to students in preventing the repetition of a year T. V. Kosma Rad shk 11 no 11 25-27 N '62

Specialist on methods should work on methods. E. G. Makarov. Sred. spets. obr. 9 no 10, 27-30 O '62.

Stimulation of students during specialized technology lessons. A. Mekkel'. Prof.-tekh obr. 19 no. 10, 13-14 O '62.

Variability of teaching methods as a basic means of stimulating students G B. Kudin Sred spets. obr. 9 no. 10 24-27 O '62.

Various methods at various stages of teaching the new material V O Onyshchuk. Rad. shk 41 no 10, 11-17 O '62.

We are working without repeating students. N. I. Savchenko and others. Rad. shk 41 no. 10, 36-52 O '62.

We go on A Bezdenkova, R. Ivanov. Nar. obr. no. 11, 26-29 N '62

What we agree with and what we object to M V. Lopatnyk Rad shk 41 no. 11 90-92 N '62.

The work of teachers can unfold the aptitudes of their students I Kharlamau. Nar asv no. 10 16-23 O '62.

Work without repeating students is a duty of Soviet teachers! A, M. Aleksandrov. Nach. shkola 30 no. 11 46-53 N '62.

TEACHING—BIBLIOGRAPHY see Bibliography—Teaching

TEASEL

Blood circulation and respirationstimulators from the genus Dipsacus. O, V. Babasian. Trudy Erev. med. inst. no. 11:69-75 '60.

TEBRIZI, ASSAR

The folk poem "Mehr Mah" and the poem "Mehr and Miushteri" [in Azerbaijani with summary in Russian]. K. Dzhakhani. Izv. AN Azerb. SSR. Ser. obshchestv. nauk no. 7:93-103 '62.

TEBRIZI, KHUMAM

A new edition of the "Divan" by the Famous Azerbaijani poet Khumam Tebrizi [in Azerbaijani with summary in Russian]. Gafar Kenkli. Izv. AN Azerb. SSR. Ser. obshchestv. nauk no. 7:125-129 '62.

TECHNICAL ASSISTANCE, COMMUNIST see subdivision under Cuba

TECHNICAL ASSISTANCE, RUSSIA see subdivision under Iran

TECHNICAL ASSISTANCE, RUSSIAN see subdivision under Czechoslovakia; Egypt

TECHNICAL ASSISTANCE, UKRAINIAN see subdivision under India

TECHNICAL CHEMISTRY see Chemistry, Technical

TECHNICAL EDUCATION

(see also subdivision under Chelyabinsk Province, Poland, Taldom; Ukraine)

Creating a permanent force of machine operators. A. Tianutov, M. Marusin. Ekon. sel'khoz. 38 no. 10: 88-93 O '62.

Education is connected with production. A. Gorshenin, [illegible] 40 no. 10:48 O '62.

[illegible] an innovator." Za rul. 20 no. 11:4

[illegible] ork of the student scientific and [illegible] N. P. Maslov. Sred. spets. obr. 9

[illegible] rial training instructors in the [illegible] creativeness groups. N. Mikhei- [illegible] 9 no. 10:53-54 O '62.

[illegible] ical and vocational education in [illegible] i, G. Kalashnikov. Shkola i [illegible] My '62.

[illegible] ir formation and development, [illegible] kh. obr. 18 no. 10:23-25 O '62.

[illegible] mentation work. L. N. Drozdov. [illegible]). 5:8-14 My '62.

[illegible] see subdivision under Kurgan

[illegible] TRY

[illegible] role of bonuses paid to engi- [illegible] workers and employees. [illegible] skii. Plan. khoz. 38 no 11:

The plan and material incentives D. Chaika. Vop. ekon. no. 11:28-36 N '62.

Scientific and technical progress, and the reproduction of engineering and technical personnel. S. Anikin. Nauch. dokl. vys. shkoly, ekon. nauki 5 no. 6, 12-20 '62.

TECHNOLOGICAL INNOVATIONS

(see also subdivision under Uzbekistan)

Abroad. Nauka i zhizn' 29 no. 5 86-87 My '62.

Adabashev, I. I. [At the brink of mystery] Na kraiu tainy. [Moskva] Profizdat, 1962 107 p. (Massovaia biblioteka rabochego)

At various latitudes. Znan. ta pratsia no. 9:12-23 '62

Maksimov, A. A., and M. M. Chugreeva. [Technological progress and material self-interest] Tekhnicheskii progress i material'naia zainteresovannost'. [Moskva] Mosk. rabochii, 1962. 58 p.

Methodology for determining the economic efficiency of introducing new machinery. Ekon. stud. no. 11:85-98 N '62.

News from abroad. Okhr. truda i sots. strakh. 5 no. 10 41 O '62.

News of science and technology. Fiz. v shkole 22 no. 2: 11-12 Mr-Ap '62.

Procedures for paying bonuses for creating and introducing new machinery. M. Rabinovich. Bukhg. uchet 10 no. 10:53-61 O '62.

Russia (1923- U.S.S.R.) Gosudarstvennaia planovaia komissiia. [Methodology for determining the economic efficiency of introducing new machinery, mechanization and automation of industrial production processes. Approved by the State Planning Commission of the U.S.S.R. on December 9, 1961] Metodika opredeleniia ekonomicheskoi effektivnosti vnedreniia novoi tekhniki, mekhanizatsii i avtomatizatsii proizvodstvennykh protsessov v promyshlennosti. Utverzhdeno 9 dekabria 1961 g. Moskva, Izd-vo Akad. nauk SSSR, 1962. 45 p.

"Ways of science; in step with the future" by Georgii Blok Reviewed by I. Romanovskii Nar. obr no. 12, 118-119 D '62.

With the aid of volunteers. F. Kolesnikov and others Sov. profsoiuzy 18 no. 21:0 N '62.

TECHNOLOGICAL INNOVATIONS—BIBLIOGRAPHY see Bibliography—Technological innovations

TECHNOLOGY—BIBLIOGRAPHY see Bibliography—Technology

TECHNOLOGY—DICTIONARIES

Chernukhin, A. E., ed. [English-Russian technical dictionary] Anglo-russkii politekhnicheskii slovar'. Moskva, Glav. red. inostr. nauchno-tekhn. slovarei Fizmatgiza, 1962. 663 p.

TECHNOLOGY—INFORMATION SERVICES

(see also subdivision under Armenia)

Technical information in the textile and haberdashery industry. L. G. Mazina. Tekst. prom. 22 no. 10:91-92 O '62.

TEDZHEN VALLEY—TAKYR

Studying the methods of tilling takyr soils brought under cultivation. V. E. Bessmertnyi. Izv. AN Turk. SSR. Ser. biol. nauk no. 5:44-51 '62.

TEDZHEN VALLEY—TILLAGE

Studying the methods of tilling takyr soils brought under cultivation. V. E. Bessmertnyi. Izv. AN Turk. SSR. Ser. biol. nauk no. 5:44-51 '62.

TEETH—DISEASES

Some characteristics of odontogenic highmoritis [with summary in English]. A. M. Solntsev. Zhur. ush., nos. i gorl. bol. 22 no. 2:11-15 Mr-Ap '62.

TEKTITE

Origin and age of tektites. I. E. Starik and others. Biul. Kom. po opr. abs. vozr. geol. form. no. 5:28-34 '62.

TELECOMMUNICATION

(see also subdivision under Rostov Province)

Alternate-message frequency code and its realization. F. A. Katkov, V. A. Stulov. Izv. vys. ucheb. zav.; energ 5 no. 10:22-32 O '62.

Communications in the zone of regional agricultural administrations. I. G. Dremukh. Vest. sviazi 22 no. 10:23-24 O '62.

Egorov, K. P. [Principles of multichannel communications] Osnovy mnogokanal'noi sviazi. Moskva, Sviaz'izdat, 1962. 416 p.

Interference rejection of relative phase keying in the presence of signal fading. Iu. V. Dulenko. Elektrosviaz' 16 no. 11:71-72 N '62.

Middleton, David. [An introduction to statistical communication theory. Translated from the English] Vvedenie v statisticheskuiu teoriiu sviazi. Pod red. B. R. Levina. Moskva, Izd-vo "Sovetskoe radio." Vol. 1. 1961. 781 p.

Pulse-code modulation. Elektrosviaz' 16 no. 11:62-70 N '62.

TELECOMMUNICATION (Continued)

Govenchanie po ispol'zovaniiu silovykh setei dlia tselei telemekhaniki i sviazi, Leningrad, 1961. [Use of electric power networks for transmitting information] Ispol'zovanie silovykh setei dlia peredachi informatsii; materialy. Moskva, Izd-vo Akad. nauk SSSR, 1962. 98 p.

Telecommunication service and its planning. I.A. Podgorodetskii. Vest sviazi 22 no.10:29-31 O '62.

A telecommunication system should be created which is appropriate to the epoch of communism. Radiotekhnika 17 no.11:3-1 N '62.

We should make full use of all hidden potentials for carrying-out government approved plans and improvement of the quality of work of the communication enterprises. Vest.sviazi 22 no.10:1-1 O '62.

TELECOMMUNICATION—BIBLIOGRAPHY see Bibliography—Telecommunication

TELECOMMUNICATION—EMPLOYEES
(see also subdivision under Great Britain, Riga)

In honor of the 45th anniversary of the Great October Revolution. Vest.sviazi 22 no.10:4 O '62.

TELECOMMUNICATION—PATENTS

Foreign patents. Elektrosviaz' 16 no.11:75-76 N '62

TELECOMMUNICATION—STATISTICS

Podgorodetskii, I.A., and A.V. Razgovorov. [Telecommunication statistics] Statistika sviazi, Moskva, Sviaz'izdat, 1962. 320 p.

TELEGRAPH

In the Collegium of the Ministry of Communications of the U.S.S.R. Vest.sviazi 22 no.10:26 O '62.

Use of counting networks in telegraphy. P.A.Naumov. Vest.sviazi 22 no.10:10 O '62.

TELEGRAPH—EMPLOYEES

On experience. Vest.sviazi 22 no.10:12-13 O '62.

Processing of holiday telegrams. IA.I.Beregovskii. Vest.sviazi 22 no.10:13 O '62.

TELEGRAPHONE

Magneto-phonograph, (to be continued). A. Markelov. Nauka i zhizn' 29 no.5:64b-64c, 90-103 My '62

TELEMETER

Frequency-impulse telemeter for measuring the temperature of sea water. V.G. Volkov. Okeanologiia 2 no.5:907-911 '62.

High-precision telemetering of angular displacement V.I. Kurotchenko, N.I. Babanin. Izv.AN Kir.SSR, Ser.est.i tekh.nauk 3 no.6:35-58 '61

TELEMETERING

Exponential selector and increase in the interference rejection of time telemetry systems [with summary in English]. A.I. Novikov. Avtom.i telem. 23 no.10:1375-1384 O '62.

TELEPHONE—HANDBOOKS, MANUALS, ETC.

Kalinina, V.P., and D.P. Kozlov. [Electrician of municipal telephone exchanges] Monter gorodskikh telefonnykh stantsii. Moskva, Sviaz'izdat, 1962. 205 p. (Posobiia dlia sviazistov massovykh professii)

TELEPHONE, AUTOMATIC

Device for rural automatic telephone exchanges for connecting subscribers having coupled telephone apparatus. Vest.sviazi 22 no.10:18 O '62.

TELEPHONE DIRECTORIES see subdivision under Lithuania

TELEPHONE LINES

Crosstalk attenuation at the nearest end between twisted two-wire networks in balanced communication cables N.A. Sotako. Elektrosviaz' 16 no.11:48-56 N '62.

Egorov, K.P. [Principles of multichannel communications] Osnovy mnogokanal'noi sviazi. Moskva, Sviaz'izdat, 1962. 416 p.

TELESCOPE

Homemade telescopes. M.M. Shemiakin. Priroda 51 no.11:123-126 N '62.

TELESCOPE, REFLECTING

Calculating the azimuth of a coronograph. A.B.Marinbakh. Biul.VAGO no.32:22-29 '62.

Reflector with a metal mirror. IU.S. Streletskii Nauka i zhizn' 29 no.5:10 My '62.

TELESCOPE, ZENITH

Latitude variations at Poltava based on observations performed on the Zeiss zenith telescope during the period June 1956 through May 1957. I.P. Ogorodnik, E.I. Evtushenko, O.V. Chuprunova. Trudy Polt.grav.obser. 11:104-110 '62.

TELEVISION

Analogy of the reproduction characteristics in television and photography. S.B.Gurevich. Tekh.kino i telev. 6 no.11:5-15 N '62.

Brief news. Tekh.kino i telev. 6 no.12:91 D '62.

Krasovskii, I. [Television camera operator] Televizionnyi operator. Moskva, [Izdatel'skii otdel Gos.kom-ta po radioveshchaniiu i televideniiu pri Sovete Ministrov SSSR,] 1962. 79 p. (Bibliotechka rabotnika radioveshchaniia i televideniia)

Use of television methods in medicine [with summary in English] R.E. Bykov. Vest.khir. 87 no.11:11-16 N '61

TELEVISION—BIBLIOGRAPHY see Bibliography—Television

TELEVISION—MAINTENANCE AND REPAIR

Alekseev, K.A. [Tuning and adjustment of television receivers] Nastroika i regulirovka televizorov. Kiev, Gostekhizdat USSR, 1962. 157 p.

TELEVISION—PICTURE TUBES

High-frequency correction in transistorized video amplifiers. I.N. Pustynskii, IU.A. Shlykov. Tekh. kino i telev. 6 no.11:42-47 N '62.

Present state and prospects of the development of kinescopes. A.P. Angaforov. Tekh.kino i telev. 6 no.11:69-78 N '62.

Some characteristics of the physical processes occurring in the potentioscope with one-sided mosaic (with summary in English on p 96). D.D. Aksenov, G.I. Blatik, B.S. Timofeev. Tekh. kino i telev. 6 no.12:41-47 D '62.

TELEVISION—RECEIVERS AND RECEPTION

Color signals on a black-and-white kinescope. L.M. Seliakov, V.IA. Chuev. Tekh.kino i telev. 6 no.11:40-42 N '62.

Kaledin, P.V. [What the owner of a television receiver should know] Chto nado znat' vladel'tsu televizora. Alma-Ata, Kazakhskoe gos. izd-vo, 1962. 235 p.

New radio merchandise. A. Antonov. Sov.potreb.koop. 6 no.10:60-62 O '62.

Tails of meteors, wandering clouds, and the echo of distant television broadcast stations. R. Fedorov. Nauka i zhizn' 29 no.5:65-68 My '62.

TELEVISION—RECEIVERS AND RECEPTION—TESTING

Mechanization of conveying in television-set control area. B.P. Bukharov, V.E. Kormilov, I.A. Pershin. Mekh.i avtom.proizv. 16 no.10:16-18 O '62.

TELEVISION—TRANSMITTERS AND TRANSMISSION

A control demodulator for television transmitters. A.M. Lokshin, N.M. Zevelev. Vest.sviazi 22 no.10:6-7 O '62.

Modernization of the line repeaters of the camera channels of standard television centers. I.I. Sheifis. Vest. sviazi 22 no.10:5-6 O '62.

TELEVISION AND CHILDREN

Sirotova, A.S. [Children, motion pictures, and television] Deti, kino i televidenie. Moskva, Izd-vo "Znanie," 1962. 45 p. (Novoe v zhizni, nauke, tekhnike. XI Seriia: Pedagogika, no.6)

TELEVISION BROADCASTING see subdivision under Khiva Oasis; White Russia

TELEVISION CAMERAS

Potentialities for increasing the contrast sensitivity of television cameras (with summary in English, p.96). A.M. Khalfin. Tekh.kino i telev. 6 no.12:27-33 D '62.

TELEVISION IN SURGERY

Contemporary achievements in television in surgical practice. S.Z. Gorshkov. Khirurgiia no.12:119-121 '61.

TELEVISION STATIONS—AIR CONDITIONING

Air conditioning of the PTS-3 mobile television station. O.A. Vavilin. Tekh.kino i telev. 6 no.12:68 D '62.

TELEVISION STATIONS—EQUIPMENT AND SUPPLIES

Mixing and commutation system with mixing of video signals on a common cathode load. B.A.Ianson, IA.Khesin. Tekh.kino i telev. 6 no.11:59-63 N '62.

TELLURIUM

Coprecipitation of small amounts o
rium with iron hydroxide. Repor
tion of tellurium. V.M. Taratan,
Izv.AN Arm.SSR. Khim.nauki 15

Study of thin tellurium films. C.O
P. Cristea. Kristallografita 7 n
'62.

TELLURIUM—DECAY

Decay scheme of Te^{117}. D.E. Khu
Izv.AN SSSR. Ser.fiz. 26 no.8:1

TELLURIUM—ELECTROMETALLU

Electrolytic reduction of tellurium
L.A. Soshnikova, M.E. Ezerbitsk
no.7:60-64 Jl '62.

TELLURIUM—METALLURGY

Simultaneous treatment of telluriu
the lead industry. I.R. Polyvianr
Trudy Inst.met.i obog.AN Kazak

TELLUROMETER

Phase relationships in a tellurome
Trudy TSNIIGAIK no.146:147-16

TEMPERAMENT

Four temperaments. A.V. Alekse
29 no.5:90-92 My '62.

TEMPERATURE—MEASUREMENT

Device for studying the temperature balance in a beehive. T.S.Zhdanova. Vop.ekol. 4:105-106 '62.

Measuring the temperature of a mercury arc by Bartels's method [with summary in English]. M.V. Volk-Levanovich. Inzh.-fiz.zhur. 5 no.8:87-89 Ag '62.

Thermoelectric method for measuring small temperature drops in conducting media. Vanho Pak. Zav.lab. 28 no.11:1349-1350 '62.

TEMPERATURE—PHYSIOLOGICAL EFFECT

Effect of atmospheric temperature below freezing point on the ability of animals to perceive scent. S.A. Korytin, V.A. Zamakhaev, M.D. Azbukina. Vop.ekol. 4:121-122 '62.

Effect of hot weather on vascular tone. V.A Zarubin. Vop.kur., fizioter.i lech.fiz.kul't. 27 no.2:103-109 Mr-Ap '62.

Effect of temperatures above freezing point on different geographical populations of the brown-tail moth Euproctis chrysorrhoea L. and gypsy moth Lymantria dispar L. (Lepidoptera, Orgyidae) [with summary in English]. G.A. Pantiukhov. Ent.obozr. 41 no.2:274-284 '62.

Role played by thermokinesis in animal distribution in the temperature gradient as exemplified by an analysis of temperature responses of the larvae of Anopheles plumbeus [with summary in English] L.V. Ivanova Zool.zhur. 41 no.9:1345-1352 S '62

TEMPERATURE REGULATORS

Automatic optimizer for soaking pits. I.N El'ko. [Sbor.trud.] Nauch.-issl.inst.met. no.4:168-177 '61.

TEMPORAL BONE

Correlation of the calcium content in the serum and the temporal bone in otosclerosis [with summary in English] V.P Fomina. Zhur.ush., nos.i gorl bol. 21 no.6:58-61 N-D '61

Further reduction of the period of decalcification in the electrolytic treatment of the pyramids of the human temporal bone [with summary in English] A.B. Genkin Zhur.ush.,nos.i gorl bol. 21 no.6:55-57 N-D '61.

TENG, HSI-HUA

Tret'iakov, S.M. [Têng Hsi-hua. People around a bonfire. Country of crossroads] Den Shi-khua. Liudi odnogo kostra. Strana perekrestok, Moskva, Sovetskii pisatel', 1962. 763 p.

TENIERS, DAVID, THE YOUNGER, 1610-1690

Smol'skaia, N.F. [Teniers] Tenir. Leningrad, Izd-vo Gos. Ermitazha, 1962. 85 p. plates. [In Russian and French]

TENOTOMY

Achillotomy in spastic paralysis in an experiment [with summary in English in insert]. B.I Kovalis. Ortop., travm.i protez 23 no.5:66-69 My '62

TENSIOMETERS

Tensiometer for determining metal stresses at high temperatures D.P. Elizarov, S.IAsin. Izv.vys. ucheb.zav., energ. 5 no.10:124-130 O '62.

Using the tensiometric method to determine deformations in a massif in blasting. G.V. Kuznetsov and others. Izv.vys.ucheb.zav., gor.zhur. 5 no.9:57-60 '62.

Waterproofing tensiometer transmitting elements when studying reinforced concrete V.D. Potapenko, M.D Brovchenko. Bet.i zhel.-bet. 8 no.11:521-522 N '62.

TENT CATERPILLARS see subdivision under Tuva A.S.S.R.

TENT CATERPILLARS—BIOLOGICAL CONTROL

New nutritive medium for micro-organisms parasitic

TERSKEI ALA-TAU—PIKAS

Ecology of the pika Ochotona macrotis Gunther in the Terskei Ala-Tau [with summary in English] R P Zimina Biul MOIP Otd biol 67 no 3 5-12 My-Je '62

TERSKEI ALA-TAU—SNOW

Snow cover of the central Tien Shan Upland and its effect on the distribution and way of life of mammals. R.P.Zimina Vop.ekol 4 25-27 '62.

TERZIEV, NIKOLAI VLADIMIROVICH, d. 1962

Brief news. Sud.-med ekspert 5 no 4 58 O-D '62.

TESTICLE

Varicocele and the function of the testes [with summary in English] Jan Heboch, Zdeněk Zchor, Jiří Homolka. Urologiia 27 no 4 31-36 Jl-Ag '62

TESTICLE—ABNORMITIES AND DEFORMITIES

Rare form of strangulation of the undescended testis in the inguinal canal in cryptorchism L. S. Lebedeva Urologiia 27 no. 4 63-64 Jl-Ag '62.

TESTICLE—DISLOCATION

Luxation of the testicle A.V Nikolaev. Urologiia 27 no 4 62-63 Jl-Ag '62

TESTICLE—SURGERY

Complications and the outcomes in the operation for cryptorchism V V Vlasov, L M. Matsuev Urologiia 27 no 4 28-31 Jl-Ag '62

TESTING LABORATORIES see subdivision under Irkutsk

TESTING LABORATORIES—AIR CONDITIONING

Air conditioning unit D G Shamsutdinov Izm. tekh no 11 35-36 N '62

TESTING MACHINES

Counting-rate meter for investigating the wear of machine parts by the method of radioactive isotopes. B.P.Fakhomov. Zav.lab. 28 no.11 1385-1388 '62.

Device for testing specimens for long-period strength in bending in tensile-testing machines. A.A. Zakharov, B.V.Zver'kov, N.G. Platonova. Zav.lab. 28 no.8: 1005-1006 '62.

Laboratory equipment for studying the torsion of thin-walled rods with an open profile. D.A.Kislik, A.I Karmazin Izv.vys.ucheb.zav., mashinostr. no.6 123-132 '62.

TESTING MACHINES—ABSTRACTS

[Precision instruments and testing equipment] Ref. zhur. Otd. vyp. 40 Prib. toch. mekh. i isp. ust. nos. 23-24 D '62.

TETANUS

(see also subdivision under Lvov Province, Uzbekistan)

Oxidative phosphorylation and glycolysis in the muscle tissue [with summary in English] N. P. Meshkova, T IU. Lipskaia, N. A. Oreshnikova. Vop med khim 8 no.1:78-82 Ja-F '62.

Prevention and treatment of tetanus D F. Skripnichenko Klin khir no 8 3-8 Jl '62

Use of sodium lactate in the compound treatment of tetanus [with summary in English]. G. A. Ivashkevich. Vrach delo no.8 111-114 Ag '62.

TETANUS—MORTALITY

Ways for lowering the mortality from tetanus. V. V. Chaplinskii Klin khir no 8 8-11 Jl '62.

TETANUS ANTITOXIN

Study of the sensitizing properties of tetanus antigens in an experiment. Report No. 5. Detection of the sensitizing properties of a purified sorbed tetanus anatoxin [with summary in English]. N.S. Kashintseva, E.A. Gil'gut, Z.IA. Situnkova. Zhur. mikrobiol., epid. i immun 32 no. 12:100-105 D '61.

TETRACYCLINE

Effect of the nature of the anions on the cation exchange of antibiotics of the tetracycline series. G.V.Samsonov and others. Trudy Len.khim.-farm.inst. no.15,185-190 '62.

Fermentation of tetracyclines and vitamin B_{12} on potato media. E.V.Neshataeva. Trudy Len.khim.-farm.inst. no.15:143-152 '62.

Use of cotton or sunflower seed cake extracts in the biosynthesis of penicillin and tetracyclines. K.S. Danilova and others. Trudy Len.khim.-farm.inst. no.15:31-37 '62.

TETRAZOLIUM COMPOUNDS

Determining live and dead cells in the cultures of the blue-green algae Anabaena variabilis and Amorphonostoc punctiforme by the use of triphenyltetrazole chloride G.M. Ivanova, T. A. Mikhailovskaia. Biul. MOIP. Otd biol. 67 no. 3:151 My-Je '62.

Studying the state of morphologically differentiated cells in the developing cultures of blue-green algae by the use of triphenyl-tetrazole chloride M. V. Gusev, V. D. Fedorov. Biul. MOIP. Otd. biol. 67 no. 3:151-152 My-Je '62.

TEXTBOOKS

New textbooks for schools. IU. Vishniakov. Nar. obr. no. 11:110-112 N '62.

TEXTILE DESIGN see subdivision under Tashkent; Uzbekistan

TEXTILE FABRICS

Design and calculation of fabrics made from a blend of wool with lavsan and nitron fibers with a given weight. V P Shmulevich Izv vys ucheb zav , tekh tekst prom no. 5 94-102 '62.

TEXTILE FABRICS—TESTING

Effect of light and weather on fabrics manufactured from a cotton and lavsan blend. R.M.Shenegeleva, T.D.Zakharova. Tekst.prom. 22 no.10:61-64 O '62.

Instrument for determining the density of textile fabrics. V. V. IAkovlev. Sbor. nauch.-issl. rab. TTI no. 12:165-174 '61.

Methods of bursting strength testing of textile fabrics. N.Kh Urazov Sbor nauch.-issl rab TTI no. 12:147-151 '61.

TEXTILE FACTORIES

(see also subdivision under Moscow Province, Naro-Fominsk)

Continuous production lines in the inspection, folding and storing sections S. N. Pushekhonov Tekst prom. 22 no 11 59-60 N '62.

TEXTILE FACTORIES—AIR CONDITIONING

Experience in regulating the air conditioning system of spinning plants of viscose production. G.A. Malafeev. Khim.volok. no.5:75-78 '62.

TEXTILE FIBERS

Improve the pressing process of kenaf, jute, hemp and flax fibers V P Netesov Izv. vys ucheb. zav , tekh tekst prom no 5 47-54 '62.

TEXTILE FIBERS—TESTING

Comparing the stiffness of various type yarns in case of tension A N Solov'ev Izv vys ucheb. zav., tekh tekst prom no 5 17-20 '62.

Effect of the compression of the flax fiber mass on its properties Report No 2 B P Komarov Izv. vys ucheb zav , tekh tekst prom no. 5 21-25 '62

Irreversibility of thread deformation caused by fatigue. M. P Nosov, V. N Babicheva. Izv vys. ucheb zav , tekh tekst prom. no 5,11-16 '62

TEXTILE FIBERS, SYNTHETIC

Akopian, A. E. [Synthetic fibers with a base of polyvinyl alcohol] Sinteticheskoe volokno na osnove polivinilovogo spirta. Erevan Armianskoe gos. izd-vo, 1961.

Checking the formulas for the plotting of the characteristics of viscous staple yarn N I Manushkina Izv. vys ucheb zav., tekh tekst. prom no 5,26-36 '62.

Chemical modification of polypropylene fibers brought about by grafting methyl methacrylate. I. Pavlinets, M.Lazar, Z.Manlasek. Khim.volok. no.5:21-25 '62.

Determining the amount of heterochain fibers in blends. IU. A Voitelev, N D Katorzhnov Tekst prom. 22 no 11 72-77 N '62

Investigating the coagulation process in the formation of carbon chain compound fibers. B. E. Geller. Sbor. nauch.-issl. rab. TTI no. 12:199-212 '61.

Microapparatus for the formation of filaments. O.I. Nachinkin and others. Khim.volok. no.5 45-46 '62.

Moscow. TSentral'nyi nauchno-issledovatel'skii institut shelkovoi promyshlennosti. [Research papers; collected work of the Central Scientific Research Institute of the Silk Industry in 1960] Nauchno-issledovatel'skie trudy; sbornik rabot za 1960 god. Pod red. N.D.Morozovoi. Moskva, Rostekhizdat, 1962. 200 p.

Polynosic fibers. E L Birenbaum, L. M. Egorova Tekst. prom. 22 no. 11 86-87 N '62

Preparation of "adimine" fibers. V.M.Kharitonov and others. Khim.volok. no.5:47-49 '62.

Preparation of monofilaments from polytetrafluoroethylene pastes. M.B.Sigal, T.N.Koziorova. Khim.volok. no.5:25-27 '62.

Prospects for the use of synthetic fibers in the production of flax and hemp mills B. L. Tregubova. Tekst prom. 22 no 11-15-18 N '62.

Some observations on the determination of power losses due to the withstanding of air resistance in the rotation of spinning centrifuges. G. D. Selivanova. Sbor. nauch.-issl. rab. no. 12:295-297 '61.

Supermolecular structure of extrastrong cellulose hydrate fibers. V.I.Sharkov, V.P.Lovanova, A.K. Bolotova. Khim.volok. no.5:32-36 '62.

Use of new synthetic fibers in condenser and bradford spinning. Report No. 3: Experience in the industrial use of lavsan and nitron fibers in condenser spinning for coat fabric yarns. N.I. Truevtsev, D M Kofman. Izv. vys. ucheb. zav., tekh. tekst. prom. no 5:63-69 '62.

Use of synthetic fibers for the manufacture of paper and nonwoven fabrics. S.N. Ivanov, G.M. Gorskii. Bum. prom. 37 no.10:23-26 O '62.

We should persistently promote the growth of labor productivity. T. Blokhina. Khim.volok. no.5:79 '62.

TEXTILE FINISHING

Blending of silk on bobbins of a finishing machine. A.M. Khlebnikov and others. Khim.volok. no.5:73 '62.

Problems ripe for solution. B. A. IAkimychev, P. P. Ivanov Tekst prom 22 no 11 53-55 N '62

Staroskol'skii, A. A., and S. N. Kuz'min. [Chemical plants for dyeing and finishing processes] Khimicheskie stanki krasil'no-otdelochnogo proizvodstva. Moskva, Rostekhizdat, 1962. 105 p.

TEXTILE INDUSTRY

(see also subdivision under Krasnoyarsk; Vitebsk)

Let's work better than ever and with even greater efficiency I K Khmelevskii Tekst prom 22 no 11 1-4 N '62

Miscellaneous information. Tekst.prom. 22 no. 10 '62 O '62

Provide the textile industry with highly qualified specialists. Tekst.prom. 22 no.10:1-6 O '62.

Technical information in the textile and haberdashery industry. E.G. Muzina. Tekst.prom. 22 no. 10:01-02 O '62

Use of over-all mechanization and automation as a means of progress. G. F. Sinlavskii. Tekst.prom. 22 no. 10, 16-19 O '62.

TEXTILE INDUSTRY—BIBLIOGRAPHICAL SERVICES

Review of bibliographical publications of the Central Scientific and Technical Library of the Light Industry M V Uzdina Tekst prom 22 no 11 93-94 N '62

TEXTILE INDUSTRY—BIBLIOGRAPHY see Bibliography—Textile industry

TEXTILE INDUSTRY—COSTS

[Economic efficiency of the automation of production processes in the textile industry] Ekonomicheskaia effektivnost' avtomatizatsii proizvodstvennykh protsessov tekstil'noi promyshlennosti. [By] Zubchaninov, V. V., i dr. Moskva, Mashgiz, 1962. 106 p.

TEXTILE INDUSTRY—EQUIPMENT AND SUPPLIES

Increase the efficiency of equipment modernization I M Dvernitskii Tekst prom 22 no 11 10-11 N '62

Kavalerchik, M. IA. [Pneumatic conveying in textile enterprises] Pnevmaticheskii transport na predpriiatiiakh tekstil'noi promyshlennosti. Moskva, Rostekhizdat, 1962. 66 p.

New stage in the development of mass efficiency promotion and inventions. Khim.volok. no.6:3-4 '62.

Technological equipment for the industry. S.V.Chelyshkin. Tekst.prom. 22 no.10:76 O '62.

Watch type "5K" tachometer. V.P.Grechishkin. Tekst. prom. 22 no.10:77 O '62.

TEXTILE INDUSTRY—EQUIPMENT AND SUPPLIES—BIBLIOGRAPHY see Bibliography—Textile industry—Equipment and supplies

TEXTILE INDUSTRY—HYGIENIC ASPECTS see subdivision under Karabanovo (Vladimir Province); Klin

TEXTILE INDUSTRY—LABOR PRODUCTIVITY

Comparing labor productivity in case of continuous and intermittent warping. L. L. Brusnikina Izv vys ucheb zav , tekh. tekst prom. no. 5 3-10 '62

TEXTILE INDUSTRY—PERIODICALS

Conference of the readers of "Tekstil'naia promyshlennost'." V.N.Evipenko. Tekst.prom. 22 no.10:80 O '62.

TEXTILE INDUSTRY—STUDY AND TEACHING

(see also subdivision under Moscow)

Every third worker is studying. A. I. Vozdukhova. Tekst.prom. 22 no.10:12-14 O '62.

TEXTILE INDUSTRY—STUDY AND TEACHING—BIBLIOGRAPHY see Bibliography—Textile industry—Study and teaching

TEXTILE INDUSTRY—TECHNOLOGICAL INNOVATIONS

Brief notes on new developments in foreign technology. Tekst. prom. 22 no. 11:88-90 N '62.

TEXTILE INDUSTRY AND FABRICS—RESEARCH see Textile research

TEXTILE MACHINERY

Experience with the KV-150-I4 high-speed twisting and spinning machine. V.A.Koptiaeva, G.N.Kharitonova, G.P.Tolpygina. Khim.volok. no.5:60-62 '62.

For an accelerated production rate of new textile machinery. I.S.Vinogradov. Tekst.prom. 22 no.10: 20-23 O '62.

Increasing the efficiency of the PKS-2 bobbin rewinding machines. T.L.Popova, T.I.Kolobova, F.I.Shmel'kov. Khim.volok. no.5:74 '62.

Increasing the throughput of textile equipment in the production of capron. G.P.Tolpygina, P.I.Kriuchkova. Khim.volok. no.5:55-56 '62.

Machines for manufacturing capron fibers. O.N. Nizhibitskii. Khim.volok. no.5:37-44 '62.

Modernization of the S-70-Sh make fiber mixing machine. V.D.Erlikh. Tekst.prom. 22 no.10:36-37 O '62.

TEXTILE MACHINERY—DESIGN AND CONSTRUCTION

For a wide use of the operational calculus in machine design B K. Kucherov. Izv vys ucheb zav , tekh tekst prom no 5 146-147 '62

TEXTILE MACHINERY—TECHNOLOGICAL INNOVATIONS see subdivision under Yegoryevsk

TEXTILE MACHINERY—TESTING

Determining the losses for friction between the rolling pins and warp package on the weaver's beam of the sleasher Z V. Shamtal Izv vys ucheb. zav , tekh tekst prom no 5 142-145 '62

TEXTILE PRINTING

Use of the 43M phtalocyanine blue in printing A. S. Stepanov and others Tekst prom 22 no 11 56-58 N '62.

TEXTILE RESEARCH

Measures for a further improvement in the selection and training of science specialists. Tekst. prom. 22 no.10;14-16 O '62.

Moscow. TSentral'nyi nauchno-issledovatel'skii institut shelkovoi promyshlennosti. [Research papers, collected work of the Central Scientific Research Institute of the Silk Industry in 1960] Nauchno-issledovatel'skie trudy; sbornik rabot za 1960 god. Pod red. N.D Morozovoi. Moskva, Rostekhizdat, 1962. 200 p.

Synthesis of cellulose derivatives resistant to the action of microorganisms Z. A Rogovin, V. V. Chernaia Izv vys ucheb zav , tekh tekst prom no 5 109-113 '62

TEXTILE WORKERS see subdivision under Juodupe, Leningrad

THALLIUM—ANALYSIS

Trilonometric titration of trivalent thallium by the anodic amperometric method. V. A. Khadeev. Zav. lab. 28 no. 8:913-917 '62.

THALLIUM ORGANIC COMPOUNDS

Synthesis of polymerizing organothallium compounds. M. M. Koton, F. S. Florinskii. Dokl. AN SSSR 146 no. 4:820-821 O '62.

THALLIUM SELENIDE

Correction to the article "Symmetry of energy bands in TlSe type crystals." F. M. Gashimzade. Fiz. tver. tela 4 no. 8:2282-2283 Ag '62.

THALLIUM SULFIDE

Vapor pressure of arsenic and thallium sulfides. Vapor pressure of arsenic trisulfide. R. A. Isakov, V. N. Nesterov. Trudy Inst. met. i obog AN Kazakh. SSR 5:29-33 '62.

THEATER
(see also subdivision under Daghestan, Ukraine)

Argo, A. M. [The word resounds; sketches and reminiscences] Zvuchit slovo; ocherki i vospominaniia. Moskva, Detgiz, 1962. 100 p. (V mire prekrasnogo)

History of the Soviet theater, 1917-1919. IA. V. Ratner. Ist. SSR 6 no. 6:115-125 N-D '62.

"In the contemporary theater" by A. Anantas'ev. Reviewed by L. Zhdanov. Vop. lit. 6 no. 8:199-203 Ag '62.

THEATER—SOCIETIES, ETC. see subdivision under Azerbaijan

THEATERS see subdivision under Odessa

THEOLOGY, DOCTRINAL

Contemporary theological problems. N. Ivanov. Zhur. Mosk. Patr. no. 9:23-35 S '62.

THEORY OF GAMES see Game theory

THERAPEUTICS

"Manual for the therapeutist" by A. D. Adenskii Reviewed by A. Davydov. Zdrav. Bel. 8 no. 2:70-73 F '62.

[Therapeutist's handbook] Spravochnik terapevta. Pod red. I. A. Kassirskogo. Moskva, Medgiz, 1962. 866 p. (DNLM)

THERAPEUTICS, DENTAL

Five hundred grafted teeth. O. Kolesova Nauka i zhizn' 29 no. 5:82-83 My '62.

THERAPEUTICS, PHYSIOLOGICAL
(see also subdivision under Sochi)

Annual meeting of the Central Institute of Balneology and Physiotherapy. K. E. Plotnichikhin, A. A. Bogoslovskii. Vop. kur., fizioter. i lech. fiz. kul't. 27 no. 2:183-186 Mr-Ap '62.

THERMAL ANALYSIS

Study of the sulfate resistance of gliezh portland cement by the differential thermal analysis. Sh. M. Rakhimbaev, I. S. Kantsepol'skii. Kor. tsem. i mery bor'by s nei no. 2:172-176 '62.

Thermographic investigation of the system K_2TiF_6 - NaCl - TiO_2. IU. M. Putilin and others. Trudy Inst. met. i obog. AN Kazakh. SSR 5:82-84 '62.

THERMAL RESISTORS see Thermistors

THERMAL STRESSES

Determining thermal stresses in a composite spherical vessel. A. I. Makarov Trudy GPI 15 no 1 84-89 '61 [i.e. '59]

Effect of residual stresses on the fatigue strength of welded structures N A Klykov Avtom svar 15 no 10 22-31 O '62.

New method for calculating thermal stresses of internal combustion engines. A. A. Chilkov. Vest. mashinostr 42 no 11 18-22 N '62.

Residual stresses and deformations occurring during the welding of the AMg5V alloy A A Kazimirov, A IA Nedoseka Avtom svar. 15 no 10 16-21 O '62

THERMIONIC EMISSION

Electron and ion emissions from some materials in connection with their utilization in a thermoelectric energy convertor. B. I. Mykhailovs'kyi. Ukr. fiz. zhur 7 no. 1 75-77 Ja '62.

Review of the theory of ion-electron emission. E. S. Parilis. Radiotekh. i elektron. 7 no. 12:1979-1987 D '62.

Thermionic properties of metal carbides of IV and V groups. B. V. Bondarenko, S. V. Ermakov. Radiotekh. i elektron. 7 no. 12:2099-2101 D '62.

THERMISTORS

Microthermistors for working temperatures up to 200°C [with summary in English] S. B. Bykov and others Inzh.-fiz. zhur. 5 no. 8:93-96 Ag '62.

Semiconductor thermistors in experimental studies of the hatching temperature of wild birds. M. S. Dolbik. Vop. ekol. 4:102-103 '62.

THERMOCHEMISTRY

Investigating the kinetics of the thermochemical decomposition of sodium sulfate in presence of vanadium pentoxide. I. R. Polyvianyi, V. G. Avrov. Trudy Inst. met. i obog. AN Kazakh. SSR 5:41-48 '62.

THERMOCOUPLES

Effect of the oxidation of frictioning surfaces on the readings of a normal thermocouple. G. I. IAkunin, V. A. Mirbabaev. Izv. vys. ucheb. zav., mashinostr. no. 6:84-89 '62.

Simple device for calibrating thermocouples made of noble metals under dynamic conditions Vanbo Pak, IU. P. Krinskii, I S Beliaeva Izm tekh. no. 11 27-30 N '62.

THERMODYNAMICS

Arnol'd, L. V., and M. N. Losifov. [Thermodynamics, heat transfer, and power equipment of hoisting and conveying machinery] Termodinamika, teploperedacha i teplosilovoe oborudovanie pod"emno-transportnykh mashin. Pod red. L. V. Arnol'da. Leningrad, Izd-vo "Rechnoi transport," 1962. 440 p.

Form of equations for the dynamics of complex systems. N. N. Kabachinskii. Trudy GPI 15 no. 1 5-8 '61 [i.e. '59].

Kinetic theory of overcondensation when the temperature difference is slight R IA. Kucherov, L E Rikenglaz, T. S. TSulaia. Zhur. tekh fiz. 32 no. 11 1392-1398 N '62.

Thermal equilibrium in a high-temperature gas jet [with summary in English]. E. V. Garkavyi. Inzh.-fiz. zhur. 5 no. 8:84-86 Ag '62.

A unified law of the shifting of equilibrium. A. A. Akopian. Izv. AN Arm. SSR. Ser. fiz.-mat. nauk 15 no. 5:99-117 '62.

THERMOELECTRIC GENERATORS

Problems of electrical reactive motors and direct conversion of thermal energy to electric power. A. E Kaplianskii. Elektrichestvo no. 11:7-13 N '62

THERMOELECTRICITY

Electron and ion emissions from some materials in connection with their utilization in a thermoelectric energy converter. B. I. Mykhailovs'kyi. Ukr. fiz. zhur. 7 no. 1:75-77 Ja '62.

Problems of electrical reactive motors and direct conversion of thermal energy to electric power. A. E Kaplianskii. Elektrichestvo no. 11:7-13 N '62.

Using thermoelectric methods to investigate processes taking place in austenitic steel. A. P. Shadrunova. Izv. vys. ucheb. zav.; chern. met. 5 no. 10 107-110 '62.

THERMOMETERS

Calibrating platinum resistance thermometer in two points. F. Z. Alieva. Izm. tekh. no. 11 30-33 N '62.

THERMOMETRY

Establishing reference points of a temperature scale by the method of nuclear quadrupole resonance. A. D. Brodskii, V. I. Solov'ev. Izm. tekh. no. 9:39-40 S '62.

Local temperature measurements during forging and stamping. G. I. Masalovich. Izm. tekh. no 11 33-35 N '62.

New measurements of thermodynamic temperatures of reference points of tin, cadmium, zinc and gold. L I. Kirenkov and others. Izm. tekh. no. 9, 31-35 S '62.

New methods for establishing a thermodynamic low-temperature scale. A. D. Brodskii, V. P. Kremlevskii, A. V. Savateev. Izm. tekh. no. 9 35-36 S '62.

Using an infrared spectropyrometer in experimental measurement of the constant C 2. V E. Finkel'shtein, I S. Romadanov Izm. tekh. no. 9 37-39 S '62

THIACARBOCYANINE

Chemistry of cyanine dyes. Part 10. Benzothiazolylthiacyanines. I. K. Ushenko, K. D. Zhikhareva. Zhur. ob. khim. 32 no. 11 3656-3661 N '62.

Cyanine dyes with unsaturated substituents. Part 11: Thiacarbocyanines containing dimethyl-, diphenyl, and carboxyvinyl radicals in their benzothiazole nuclei. I. K. Ushenko, F. Z. Rodova, V. I. Koryatov. Zhur. ob. khim 32 no. 11 3650-3656 N '62.

THIADIAZINE

Diuretic action of hypothiazide. A. V. Lesnichii. Vrach delo no 8:151-152 Ag '62.

Treatment of climacteric neuroses with reserpine and hypothiazide. A. V. Lesnichii. Akush i gin no. 1:23-24 '62.

Treatment of hypertension with reserpine in combination with hypothiazide. I. N. Bronovets. Zdrav. Bel. 8 no. 7:25-27 Jl '62.

THIADIAZOLE

Chemistry of 2,1,3-thiodiazole. Part 15 Oxidation of benzo-2,1,3-thiodiazole by potassium permanganate. V. G. Pesin, A. M. Khaletskii, E. K. D'iachenko. Zhur. ob. khim. 32 no. 11:3505 N '62.

THIAMINE

Thiamine disulfide and allithiamine metabolism in the animal organism [with summary in English] A IA Rozanov. Biokhimiia 27 no 4 641-650 Jl-Ag '62.

THIAZOLE

Carbon suboxide and some of its reactions. Part 14: Interaction of carbon suboxide with 2-amino-5-alkylthiazoles and 2-aminobenzothiazoles. L. B. Dashkevich, E. N. Kuvaeva. Zhur. ob. khim. 32 no. 11:3768-3770 N '62.

2'-Amino-5,5-dimethylcyclohexanone-1-(2,3 4',5')-thiazole(1). I. Gaile, E. Gudriniece, G Vanags Dokl AN SSSR 146 no. 4:817-819 O '62.

THIAZOLIDINEDIONE

Pharmacological study of 3 (β-aminoethyl)-2, 4-thiazolidinedione hydrochloride. V. I. Zapadniuk Farm. i toks. 24 no. 6 665-670 N-D '61

THIAZOLINE

Thiazoline and thiazolidine series. Part 1: Alkylation of 2-aminothiazoline. K. K. Kuz'mina and others. Zhur. ob. khim. 32 no. 10 3215-3219 O '62.

Thiazoline and thiazolidine series. Part 2: Acylation of 2-aminothiazoline and the reduction of acyl derivatives. K. K. Kuz'mina and others Zhur ob. khim. 32 no. 10. 3190-3383 O '62

THICKNESS MEASUREMENT

Determination of the thickness of zinc electroplated coatings by the anodic solution method. I. A. Berezin. Zav. lab. 28 no. 8:956-957 '62.

Gauges for measuring the thickness of coatings on a ferromagnetic base. K. P. Azarov, V. E. Gorbatenko. Zav. lab. 28 no. 8 998-999 '62.

Improvement of the apparatus for measuring the depth of cementation and thickness of nonmagnetic coatings. T. I. Pavlov. Zav. lab. 28 no. 11:1384-1385 '62.

THIO-TEPA

Use of thio-TEPA in the compound treatment of malignant tumors of the ovaries [with summary in English]. L. D. Nechaeva. Vop. onk. 8 no. 6:41-48 '62

THIOLS

Condensation of unsaturated carboxylic acids with N-alkyl- and N-phenyl-o-aminophenylthiols. L. K. Mushkalo, N. IA Kozlova, Ukr. khim. zhur. 28 no 8: 960-962 '62.

Use of thiols in analysis. Part 1: Acid properties of 2, 3-β, γ-dimercaptopropylmercaptoethanesulfonic and 2, 3-β, γ-dimercaptohydroxyethanesulfonic acid and their long-period stability. A. T. Pilipenko, O. P. Riabushko. Ukr. khim. zhur. 28 no. 8:955-959 '62.

THIOPHENE

Dieckmann condensation. Part 10: Synthesis of 2-and 4-carbomethoxy-3-ketohydrothiophenes and 4-carbomethoxy-3-ketotetrahydrofuran. V. E. Kolchin, N. S. Vul'fson. Zhur. ob. khim. 32 no. 11:3731-3734 N '62.

THISTLE—DISEASES AND PESTS see subdivision under Tselinograd District

THORIUM see subdivision under Ural Mountains

THORIUM CHLORIDE

Effect of thorium on the electrode potentials of bismuth in molten alkali metal chlorides. I. F. Nichkov, O. A. Ryzhik, S. P. Raspopin. Izv. vys. ucheb. zav., tsvet. met. 5 no. 3 113-116 '62.

THOUGHT AND THINKING

Ardeniov, B. P. [Fundamentals of Russian grammar] Osnovy russkoi grammatiki. Kishinev, Gos. izd-vo "Kartia moldovenieske," 1962. 78 p.

THRESHING MACHINES

The SKD combine for two-stage threshing. K. G. Kolganov, P. I. Barvenko. Biul. tekh.-ekon. inform. Gos. nauch.-issl. inst. nauch. i tekh. inform. no. 11 79-81 '62.

THRIPS
(see also subdivision under Crimea)
Methods of a quantitative census of thrips. V.I.Tanskii. Vop.ekol. 4 146-149 '62.
Methods of determining the damaging effect of thrips. N.P.Diadechko. Vop.ekol 4 103-105 '62.

THROMBELASTOGRAPHY
Use of a thromboelastogram in controlling the blood coagulation system in operations with artificial circulation [with summary in English] L.V. Potashov. Vest khir. 87 no 11,31-37 N '61

THROMBOPHLEBITIS
Lymph circulation in thrombophlebitis [with summary in English]. T.F.Terpigor'eva. Sov med. 26 no 7: 58-62 Jl '62.

THROMBOSIS
Intravital contrast vasography in venous thrombosis. M.N.Oganesian. Trudy Erev.med.inst. no.11 101-103 '60.
Preventive action of antithrombin VI in experimental thrombogenesis [with summary in English]. B.A.Kudriashov and others. Vop med khim 8 no 1:68-72 Ja-F '62.
Syndrome of simultaneous bilateral obstruction of the posterior cerebral artery [with summary in French]. D.K.Bogorodinskii. Zhur.nevr.i psikh 61 no.10: 1437-1443 '61.
Use of fibrinolysin in experimental thrombosis [with summary in English]. G.V.Andreenko, E.I.Chazov. Vop med.khim. 8 no.1:47-52 Ja-F '62.

THULIUM—DECAY
Decay scheme of Tu^{167} K.IA Gromov and others. Izv. AN SSSR Ser fiz 26 no.8.1019-1026 Ag '62.

THYMUS GLAND—SURGERY
Anesthesia during operations on myasthenic patients [with summary in English]. V.L.Vanevskii. Vest khir. no.6:51-57 '62.

THYROID GLAND
(see also subdivision under Semipalatinsk Province)
Changes in the functional state of the cerebral cortex in rabbits following local irradiation of the thyroid gland with X rays [with summary in English]. I.N Kondrat'eva. Probl.endok.i gorm. 8 no.4:34-39 Jl-Ag '62.
Compensatory hypertrophy of the thyroid gland [with summary in English]. R.A.Gibadulin. Biul.eksp. biol.i med 54 no.7:84-87 Jl '62.
Dynamics of the absorption of radioactive iodine by the thyroid gland during the short-term action of high temperature [with summary in English]. F.F.Sultanov. Probl.endok.i gorm. 8 no.4:51-52 Jl-Ag '62.
Effect of caffeine and barbamil on the secretory cycle of the thyroid gland [with summary in English]. M.G. Amiragova. Biul.eksp.biol.i med. 54 no.7:54-58 Jl '62.
Role of hypo- and hyperfunction of the thyroid gland in the regeneration of divided sciatic nerve in the rabbit [with summary in English]. N.P.Krylov, V.A.Odinokova, S.V.Sholokhov. Probl.endok.i gorm. 8 no.4: 39-45 Jl-Ag '62.
Role of the reticular formation of the brain stem in the transmission of influences from the central nervous system to the thyroid gland M.G.Amiragova. Dokl AN SSSR 147 no 1:252-254 N '62
Variations in the forms of the thyroid gland and their significance in surgery. A.G.Kazarian. Trudy Erev. med.inst. no.11:115-120 '60.

THYROID GLAND—CANCER
Surgical treatment of malignant tumors of the thyroid gland with metastases into the cervical lymph nodes. E.Angelescu and others. Probl.endok.i gorm. 8 no.4:83-90 Jl-Ag '62.

TICKS
Methods of analyzing age groups in the populations of Ixodid ticks. IU.S.Balashov. Vop.ekol. 4:84-86 '62.

TICKS AS CARRIERS OF DISEASE
(see also subdivision under Uzbekistan)
Epidemiological analysis as a basis for the prevention of tick-borne encephalitis [with summary in English]. V.N.Beklemishev. Zhur. mikrobiol., epid.i immun 32 no.12:33-38 D '61.
Experimental infection of Gamasid ticks, fleas, lice, and bed bugs with brucellosis Preliminary report M.M.Rementsova and others. Trudy Inst. kraev pat. AN Kazakh SSR 12 47-54 '62
Experiments on the transmission of Brucella to sheep and goats through the ticks, Ornithodorus lahorensis and Dermacentor marginatus. N.F.Khrushcheva, M.M.Rementsova. Trudy Inst.kraev.pat.AN Kazakh SSR 12:40-46 '62.
Experiments on the transmission of Brucella to wild and laboratory rodents through ticks of the genus Dermacentor. N.F Khrushcheva. Trudy Inst. kraev pat. AN Kazakh. SSR 12 33-39 '62
Further study of Rhipicephalus turanicus ticks as transmitters of Rickettsia burneti, an experimental study. F Rizaeva. Trudy TashNIIVS 6:206-210 '61.
Survivability of R. burneti in the feces of Rhipicephalus turanicus ticks. F. Rizaeva Trudy TashNIIVS 6:199-205 '61.

TIDES
(see also subdivision under Finland, Gulf of)
Comparative evaluation of the quality of yielding determinable waves of the effect of disturbing waves in combination methods of harmonic earth tide analysis V.G. Balenko Trudy Polt. grav obser. 11:64-73 '62
Contribution of the movement of the zero point to R cos δ and R sinδ of determinable waves of earth tides. V.G. Balenko. Trudy Polt grav. obser. 11:74-87 '62.
Harmonic analysis of earth tides; a 20-day series. P.S. Matveev. Trudy Polt. grav. obser. 11:16-63 '62.

TIEN SHAN—BIRDS—FOOD
Studying the food of nestlings of some representatives of the avifauna of the western Tien Shan Upland. A.F. Kovshar'. Vop.ekol. 4:119-121 '62.

TIEN SHAN—CARPENTER ANTS
Various forms of social life of the carpenter ant Camponotus herculeanus L P I Marikovskii Biul. MOIP. Otd biol. 67 no.3:122-124 My-Je '62

TIEN SHAN—CONGLOMERATE
Pleistocene and Lower Quaternary conglomerates in the southern Tien Shan. E.I.Selivanov. Izv.vys. ucheb.zav.; geol.i razv. 5 no.8:43-50 Ag '62.

TIEN SHAN—EXTENSOMETER
First results of observations performed with a horizontal extensometer in the Tien Shan L.A. Latynina, R.M Karmaleeva. Izv.AN SSSR.Ser.geofiz. no.11:1574-1578 N '62.

TIEN SHAN—GEOLOGY, STRATIGRAPHIC
Comparative facies analysis of Lower Jurassic coal-bearing formations in the northern Tien-Shan and northern Fergana K.K.Karabalaev. Izv.AN Kir.SSR,Ser. est.i tekh nauk 4 no.3:5-17 '62.

TIEN SHAN—ORE DEPOSITS
Criteria for predicting endogenetic mineralization in the northern Tien-Shan. S.D. Turovskii. Mat.po geol. Tian'-Shania no.2:89-99 '62.

TIEN SHAN—ORE DEPOSITS—CLASSIFICATION
Classification of mineral deposits associated with granitoids in the northern Tien Shan. S.D.Turovskii. Mat. po geol. Tian'-Shania no.2:80-88 '62.

TIEN SHAN—PLANT COMMUNITIES
Some controversial problems of the classification of
n the western Tien Shan. V.N. Pavlov. Biul.
67 no.3,144 My-Je '62.

E, IGNEOUS
ntrusive complex as a basic geological
zoic intrusive activity in the northern
Nosyrev, S.D. Turovskii. Mat.po
a no.2:21-67 '62.
e complexes in the northern Tien Shan.
V. Nosyrev, S.D. Turovskii. Mat.po
a no.2.5-19 '62.

IOMETRY
he seismicity of the northern Tien
unova. Trudy Inst. fiz. Zem. no.25:

PRESERVE—RATS
the life activities of the deer Cervus
ker and the rat Nesokia indica Gray
Balka Preserve. M.A. Gulineva.
i paraz. AN Tadzh.SSR 22:89-95 '62.

A PRESERVE—RED DEER
the life activities of the deer Cervus
ker and the rat Nesokia indica Gray
Balka Preserve. M.A. Gulineva.
i paraz. AN Tadzh.SSR 22:89-95 '62.

Experience in domesticating and keeping in partial freedom the deer Cervus bactrianus Lydekker in the Tigrovaya Balka Preserve. M.A. Gulineva. Trudy Inst zool. i paraz. AN Tadzh. SSR 22:96-102 '62.

TILES
Using granulated slag in the manufacture of tile. O.V. Dolidze Stroi mat 8 no 10:30-31 O '62

TILLAGE
(see also subdivision under Khabarovsk Territory, Mordovia; Tedzhen Valley; Virgin Territory)
Effect of subsurface tillage on the yield of corn in central Stavropol Territory. B.V. Kanatkin Trudy Stavr sel'khoz. inst. no. 9:75-80 '60.
Effectiveness of tillage in shelterbelts. M.E Vasil'ev. Vest. sel'khoz nauki 7 no 9:96-103 S '62
Intertillage of corn as practiced in the left-bank forest-steppe of the Ukrainian S.S.R. I.O Marchenko Visnyk sil'hosp nauky 5 no 5:22-26 My '62

TIMAN RIDGE—FUSULINIDAE
Fusulinidae of the Upper Carboniferous in the Timan-Pechora region P.P. Volozhanina. Vop. mikropaleont. no.6:110-146 '62.

TIMAN RIDGE—GEOLOGY, STRATIGRAPHIC
New data on the stratigraphy of Quaternary sediments in the central Timan Ridge. G.V. Matveeva Inform. sbor VSEGEI no 52:5-22 '62.

TIME—SYSTEMS AND STANDARDS
Calculation of standard time by mean moments of transmission of radio signals. D.IU Belotserkovskii. Trudy inst. Kom. stand., mer i izm. prib. no. 58:65-82 '62.
Determination of polar coordinates for use of the time service N.I. Panchenko, E.P Fedorov. Trudy Inst Kom. stand., mer i izm. prib. no 58:30-54 '62.
The system of astronomical time. N.I. Panchenko, E.P Fedorov Trudy Inst. Kom. stand., mer i izm. prib no. 58:1-39 '62.

TIME CLOCKS
Attenuation of the swing of a pendulum at various air pressures. M.D Sopel'nikov Trudy Inst Kom. stand., mer i izm. prib. no. 58:120-127 '62.
Investigation of the performance of four quartz clocks D.IU. Belotserkovskii. Trudy Inst. Kom. stand., mer i izm. prib. no. 58:63-91 '62

TIME-SERIES ANALYSIS
Symposium on the study of time series. A.M. IAglom. Vest. AN SSSR 32 no. 11:118-120 N '62.

TIME SIGNALS
Calculation of standard time by mean moments of transmission of radio signals D.IU. Belotserkovskii Trudy inst Kom. stand., mer i izm prib. no 58:65-82 '62.
Electronic circuit of an apparatus for the emission of exact time signals. N.A Tel'pukhovskii. Trudy inst Kom. stand., mer i izm. prib. no. 58:100-110 '62.

TIN
Characteristics of the Hall effect in tin in a high effective magnetic field [with summary in English] V.N Kachinskii Zhur. eksp i teor. fiz. 43 no 4 1150-1153 O '62
Tin in canned fish products F.M Purikov. Ryb. khoz. 38 no. 5:70-73 '62.

TIN—ANALYSIS
Extraction-photometric determination of small amounts of indium in tin-containing materials. I.S. Levin, T.G. Azarenko. Zav.lab. 28 no.11:1313-1316 '62.
Photometric determination of tin as a tin-iron-dimethylglyoxime ternary compound. A.K. Babko, P.N. Mikhelson, I.M. Kirpa. Ukr. khim. zhur. 28 no.6:963-967 '62.

TIN—CORROSION
Effect of temperature on the corrosion resistance of tin in acid media. V.A. Khitrov, V.I. Shatalova TSvet met. 35 no.11.96-99 N '62.

TIN COMPOUNDS
Photometric determination of tin as a tin-iron-dimethylglyoxime ternary compound. A.K. Babko, P.N. Mikhelson, I.M. Kirpa. Ukr. khim. zhur. 28 no.6:963-967 '62.

TIN-INDIUM ALLOYS see Indium-tin alloys

TIN-LEAD-ANTIMONY ALLOYS see Lead-antimony-tin alloys

TIN ORGANIC COMPOUNDS
Conjugated systems. Part 103: Synthesis and properties of 1,3-enyne tin hydrocarbons. V.S. Zavgorodnii, A.A. Petrov. Zhur.ob.khim. 32 no.11:3527-3532 N '62.
Coordination polymers. Part 15: Interaction of organotin compounds with dicarboxylic acids and their derivatives [with summary in English]. V.V. Korshak, S.V. Rogozhin, T.A Makarova. Vysokom. soed 4 no.9:1297-1302 S '62

TIN ORGANIC COMPOUNDS (Continued)

Quadruple interaction and isomeric shifts of 23.8 Kev. gamma-transition of the Sn^{119} nucleus in organotin compounds [with summary in English] A. IU Aleksandrov and others Zhur eksp i teor. fiz. 43 no. 4. 1242-1247 O '62.

TIN ORGANIC COMPOUNDS—SPECTRA

Investigation of the Mössbauer effect in tin compounds. V. I Goldanskii and others. Dokl AN SSSR 147 no 1, 127-130 N '62.

TIN OXIDE

Ultrasonic splitting of the Mössbauer line of absorption in tin oxide $Sn^{119}O_2$ [with summary in English]. V A. Burov, V. A. Krasil'nikov, O IU. Sukharevskaia Zhur eksp. i teor fiz. 13 no. 4 1184-1195 O '62.

TIN PLATE

Quality of electrolytically tin plated sheet steel and its use in the canning industry. T. P. Plotnikova, G. G. Andreeva. Sbor. trud. TSNIICHM no. 28, 173-177 '62.

TIN PLATE—CORROSION

Passivation of tin plate. M. E. Prostakov. Kons. i ov. prom 17 no 11 27-30 N '62.

TIN PLATE—METALLOGRAPHY

Investigating the structure and phase constitution of the transition layer of sheet steel tinned by various methods. G. A. Kokorin, A. I. Vitkon. Sbor. trud. TSNIICHM no. 8: 100-106 '62.

TIN PLATING

Characteristics of the process of electrolytic tin plating of sheet steel in salt solutions. A. I. Vitkin, T. P. Plotnikova. Sbor. trud. TSNIICHM no. 28; 146-152 '62.

Dissolution of sheet steel iron in the process of electrolytic tin plating in fused salts. A. I. Vitkin, T. P. Plotnikova. Sbor. trud. TSNIICHM no. 28: 159-165 '62.

Effect of iron chloride on the electrolytic tin plating of black plate from fused salts. IU. K. Delimarskii and others. Sbor. trud. TSNIICHM no. 28; 153-158 '62.

Equal value potentials of iron and tin $FeCl_2$ - KCl and $SnCl_2$ - KCl melts. IU. K. Delimarskii, A. A. Kolotii, E. V. Tkacheva Sbor. trud. TSNIICHM no. 28, 166-172 '62.

Hydrogen supertension on tin in a sulfuric acid solution containing sodium fluoride. V. P. Kochergin, A. N. Kruglov. Sbor. trud. TSNIICHM no. 28, 118-120 '62.

Modern electrolytes for the rapid tin plating of sheet steel. E. S. Petrova. Sbor. trud. TSNIICHM no. 28, 97-100 '62.

Tinning of cold-rolled sheet steel in sulfuric acid solutions using a reverse current. A. N. Kruglov, V. P. Kochergin. Sbor. trud. TSNIICHM no. 28; 101-108 '62.

Use of induction heating in the production of sheet steel. V. N. Bogdanov, V. A. Poiasikhovich. Sbor. trud. TSNIICHM no. 28; 107-211 '62.

TIN PLATING—EQUIPMENT AND SUPPLIES

Adoption of an electrolytic sheet steel tinning unit at the Zaporozhstal' plant. V. I. Zisman. Sbor. trud. TSNIICHM no. 28, 131-137 '62.

Electrolytic sheet steel tinning units installed at the Magnitogorsk Metallurgical Combine. A. G. Bogomazov. Sbor. trud. TSNIICHM no. 28; 121-130 '62.

Pilot plant unit for the electrolytic sheet steel tin plating in salt solutions. A. I. Vitkin. Sbor. trud. TSNIICHM no. 28 138-145 '62.

TINNING

(see also subdivision under Zaporozh'ye)

Importance of cold rolling in the production of hot-tinned sheet steel. P. I. Grudev. Sbor. trud. TSNIICHM no. 28; 55-61 '62.

Mechanism of the basic properties of hot dip tinning (theory of the process). A. I. Vitkin. Sbor. trud. TSNIICHM no. 28, 74-88 '62.

TIRASPOL'—CONSTRUCTION INDUSTRY

The party members who have earned the confidence of workers. A. Aleksandrov. Komm. Mold. 7 no. 10: 29-34 O '62.

TIRASPOL' DISTRICT—CONSTRUCTION INDUSTRY

How they neglect the most important problems. A. Savchenko. Komm Mold. 7 no. 10, 14-19 O '62.

TIRE FABRICS

Effect of the compatibility of adhesive polymers with casing rubber on the adhesive strength of rubber-cord systems. V. E. Basin, A. A. Berlin, R. V. Uzina. Kauch. i rez. 21 no. 9; 12-17 S '62.

Properties of cord made of polycaproamide fibers. I. P. Nagdaseva, V. A. Beresnev, Z. M. Kozyreva. Kauch. i rez. 21 no. 9; 40-43 S '62.

TIRE FABRICS—DRYING

Investigating the process of cord drying with the aid of an electron oscillograph. N. N. Zaitsin, R. G. Feforman. Kauch. i rez. 21 no. 9; 53-54 S '62.

TIRES, RUBBER

(see also subdivision under Voronezh)

Drying of tire casings in the restoration process. E. G. Vostroknutov, A. F. Smirnov. Kauch. i rez. 21 no. 9; 34-39 S '62.

"P"-type tires in patent literature. L. D. Shludikov. Kauch. i rez. 21 no. 9; 32-33 S '62.

TISSUE CULTURE

Comparative cytological analysis of the effect of the smallpox vaccine virus on tissue culture cells [with summary in English] S. IA Zalkind and others Vop virus. 7 no 5; 506-594 S-O '62

Comparative sensitivity of the cells in primary cultures of various swine embryo tissues to the destructive action of the tick-borne encephalitis virus [with summary in English]. O G. Andzhaparidze, N N Bogomolova, R I Rapoport Vop virus. 7 no 5 534-536 S-O '62

Comparative study of the sensitivity of various tissue cultures to the measles virus [with summary in English]. L S. Lozovskaia, S V. Lokhova Vop virus. 7 no 5; 576-581 S-O '62.

Effect of human condyloma acuminatum extract on tissue cultures of vaginal epithelium. N. M. Chistova Vop. onk. 8 no. 6; 118-128 '62.

Effect of metabolites and antimetabolites on the reproduction of the tobacco mosaic virus in isolated tomato rootlets. V. L. Ryzhkov, S. R. Beskina. Dokl. AN SSSR 146 no. 4; 921-924 O '62.

New method for titrating the smallpox vaccine virus in a tissue culture [with summary in English]. Li IUi [Li Yu]. Vop. virus. 7 no. 5; 594-595 S-O '62

Sizes of the cell nuclei in normal monostratal cultures of monkey kidney tissue and in those spontaneously infected with viruses [with summary in English]. IA. E. Khesin, F V Voronina, E. R Pliie Vop. virus. 7 no. 5; 602-606 S-O '62.

Unique pathological changes of unknown etiology in the cells of a monkey kidney tissue culture. L. I. Mirorova, O. F Sarycheva, V. A Lashkevich Vop. virus 7 no. 5; 615-616 5-O '62

TISSUE EXTRACTS

Effect of human condyloma acuminatum extract on tissue cultures of vaginal epithelium. N M. Chistova. Vop onk. 8 no. 6; 118-128 '62.

Tissue therapy as a method increasing the effectiveness of phosphakol in glaucoma. D. I. Artem'ev Trudy Turk. nauch. -issl. trakh. inst. 6; 107-115 '60

TISSUES

Efficacy of mud therapy in changing tissue hydrophilia in gynecological patients. I. S. Rozovskii. Vop. kur., fizioter. i lech. fiz. kul't. 27 no. 2; 141-142 Mr-Ap '62.

TITANIUM

Effect of conditions of titanium heating on the indices of hot rolling. I. M. Pavlov and others. TSvet. met. 35 no. 7; 75-79 Jl '62.

Utilization of titanium alloy scrap for the deoxidation of 10G2SD low-alloy steel. G. A. Chikalenko. Met. i gornorud. prom. no. 2, 64-65 Mr-Ap '62.

TITANIUM—ANALYSIS

Extraction-photometric determination of titanium in steels with 2,7-dichlorochromotropic acid. N. N. Basargin and others. Zav. lab. 28 no. 11; 1311-1313 '62.

TITANIUM—ELECTROMETALLURGY

Electrolytic refining of titanium. E. B. Gitman. Met. i gornorud. prom. no. 2; 90-92 Mr-Ap '62.

TITANIUM—ISOTOPES

Angular distributions of gamma radiation emitted in the discharge of the first excited levels of Ti^{47} nuclei and the 246 kev. level of Se^{77}. G. M Gusinskii, I Kh Lomberg, Z. Treibal. Izv AN SSSR Ser. fiz. 26 no. 8; 1014-1018 Ag '62.

Lifetime of the first level of Ti^{50}. V. D. Vasil'ev, K. I. Erokhina, I. Kh. Lomberg. Izv. AN SSSR. Ser. fiz. 26 no. 8; 999-1001 Ag '62.

TITANIUM—SPECTRA

Electron paramagnetic resonance and absorption spectra in the visible region in alcoholic and glycerine solutions of Ti^{+++}. N. S. Garif'anov, A. V. Danilova, R. R Shagidullin. Opt. i spektr. 13 no. 2, 212-215 Ag '62.

TITANIUM ALLOYS—METALLOGRAPHY

Beta-titanium alloy (from "Machine Design," no. 13, 1960). Metalloved. i term. obr. met. no 8, 55-56 Ag '62.

TITANIUM COMPOUNDS

Preparation and properties of titanium aluminides. G. V. Samsonov, V. S. Sinel'nikova. TSvet met 35 no. 11; 92-96 N '62.

TITANIUM OXIDE

Formation of solid solutions in high titanium slags. M. S. Model'. Dokl. AN SSSR 146 no. 4; 871-873 O '62.

TKIBULI REGION—MINE FILLING

Dzhvarsheishvili, A. G. [Study and improvement of hydraulic filling operations in mines of the Tkibuli coal deposit] Issledovanie i usovershenstvovanie gidrozakladochnykh khozisistv shakh Tkibul'skogo mestorozhdeniia uglei Tbilisi, Izd-vo Akad. nauk Gruzinskoi SSR, 1962, 215 p.

TOBACCO CURING

Determining the potential of moisture transmission in tobacco. N N Alekseev. Izv. vys. ucheb. zav. ;pishch. tekh. no. 4; 144-149 '62.

Kinetics of the vapor sorption by tobacco leaves. V. F. Trubnikov, V. V. Chenikov. Izv. vys. ucheb zav. ;pishch. tekh. no. 4; 150-153 '62.

TOBACCO MOZAIC VIRUS

Effect of metabolites and antimetabolites on the reproduction of the tobacco mosaic virus in isolated tomato rootlets. V. L. Ryzhkov, S. R. Beskina. Dokl. AN SSSR 146 no 4, 921-924 O '62.

TOBACCO THRIPS—EXTERMINATION see subdivision under Crimea

TOGO

Tokareva, Z. I. [The Republic of Togo] Togolezskaia Respublika. Moskva, Izd-vo vostochnoi lit-ry, 1962. 91 p.

TOLBACHIK VOLCANO

State of the Ploskiy Tolbachik Volcano in August 1961. K. N. Rudich, A. N. Sirin, K. M. Timerbaeva. Biul. vulk. sta. no. 32; 20-23 '62.

TOLSTOI, LEV NIKOLAEVICH, 1828-1910

Jean Jacques Rousseau and Lev Tolstoi. V. A. Veikshan. Sov. pedag. 26 no. 6; 101-111 Je '62.

"Lev Tolstoi in pictures taken by his contemporary; album" Reviewed by A Opul'skii Sov. foto 22 no. 10: 28 O '62.

Tula. Gosudarstvennyi pedagogicheskii institut. [On Tolstoi; articles and materials] Tolstovskii sbornik; stat'i i materialy. [Tula] Tul'skoe knizhnoe izd-vo, 1962. 271 p.

TOLUENE

Catalytic hydrodealkylation of polyalkyl benzenes. Part 3: Demethylation of toluene on nickel-alumina catalysts. Effect of nickel concentration. N. I. Shulkin and others. Zhur. ob. khim. 32 no. 11; 3595-3599 N '62.

Physical properties of the system ethyl acetate - butyl acetate - toluene. V. P. Solomko, V. M. Gurtovoi. Ukr. khim. zhur. 28 no. 6; 924-930 '62.

TOLUIDINE

Oxido compounds. Part 14: Preparation of some phenyl-substituted α,β -alcohol oxides and their reactions with aniline and o-toluidine. V. I. Pansevich-Kolinda, B. K. Bogush. Zhur. ob. khim. 32 no. 11; 3552-3556 N '62.

TOM' RIVER—INTAKES (HYDRAULIC ENGINEERING)

Some results of studies of the water intake on the Tom' River. G. B. Volno-Sidorovich. Trudy Gidrav. lab. VODGEO no. 6; 27-40 '62.

TOMATO BREEDING

Effect of various methods of pollination on fruit formation and the vitality of tomato plants as related to the developmental stage of the pistil [in Armenian with summary in Russian]. B. A. Kostanian. Izv. AN Arm. SSR. Biol. nauki 15 no. 9; 69-74 S '62.

TOMATO PRODUCTS

Automatic vacuum evaporator for producing tomato products. I. G. Molodetskii, G. S. Terziev. Mekh. i avtom. proizv. 16 no. 10; 15-16 O '62.

Leonov, I. T. [Automatic lines for the production of tomato paste; adjustment and operation regulations] Avtomatizirovannye linii dlia proizvodstva tomatnoi pasty, naladka i pravila ekspluatatsii. Moskva, Pishchepromizdat, 1962. 91 p. (Uchebnoe posobie dlia podgotovki kadrov massovykh professii)

TOMATOES

(see also subdivision under Lugansk Province; Ukraine)

Effect of the γ rays on the rate of ripening and on the commercial quality of tomatoes. L. P. Kovalenskaia, E. V. Dorofeeva, I P Petrash Kons. i ov prom. 17 no. 11 20-23 N '62.

Tomato growing. A. P. Korneev. Shkola i proizv. 6 no. 5; 52-54 My '62.

TOMATOES—DISEASES AND PESTS see subdivision under Azerbaijan; Moldavia; Uzbekistan

TOMATOES—FERTILIZERS AND MANURES

Effect of cultivation practices on the biochemical properties of tomatoes and white head cabbage. A. L. Fel'dman, Liu-I (Liu-Li). Izv. vys. ucheb. zav. ;pishch. tekh. no. 4; 20-24 '62.

TOMATOES—IRRIGATION see subdivision under Ukraine

TOMSK DISTRICT—DIPHTHERIA—PREVENTION

Causes of a high diphtheria disease incidence and ways for eliminating it in rural Tomsk District. I. P. Vasil'eva, A. P. Gerasimenko, N. I. Sagan. Zhur. mikrobiol., epid. i immun. 33 no. 12; 117 D '61.

TONSILS—DISEASES

Content of some trace elements in the tissue of the palatine tonsils in various clinical forms of chronic tonsillitis [with summary in English] D E Chernov, E N Ivanova, V. R. Soroka Zhur. ush , nos i gorl bol 22 no 2 54-58 Mr-Ap '62

Sensitivity of the microflora of the palatine tonsils to some antibacterial preparations in chronic tonsillitis in children [with summary in English] F I Stovbun, P. I Gezunterman Zhur ush , nos i gorl bol 22 no 2 63-64 Mr-Ap '62

Stone of the palatine tonsil N G Zhurko, Zhur ush., nos i gorl bol 21 no 6 66-67 N-D '61

TONSILS—SURGERY

Anesthesia technic in operations for abscess tonsillectomy [with summary in English] E. A. Mizjulina Zhur ush , nos i gorl bol 21 no 6 33-35 N-D '61

Ligature of the external carotid artery in hemorrhages following tonsillectomy B. M. Lifshits Zhur ush , nos i gorl bol 22 no 2 76-80 Mr-Ap '62

Surgical methods of treating chronic tonsillitis L. A Lukovskii Zhur ush , nos i gorl bol 21 no 6 73-76 N-D '61.

Surgical treatment of chronic tonsillitis and adenoids in children and adolescents suffering from tuberculosis [with summary in English] G. B Podgaetskii Zhur ush , nos i gorl bol 22 no 2 50-54 Mr-Ap '62

Tonsillectomy in singers [with summary in English] G N Dukhovnaia Zhur ush , nos i gorl bol 21 no 6 35-37 N-D '61

TOOL STEEL

Effect of cobalt on certain properties of cast, high-vanadium, rapid cutting steel V A. Kashchuk. Metalloved i term. obr. met no. 11 53-55 N '62.

Effect of cold treatment on the mechanical properties of tool steel. IU. G. Vyshko, skii. Izv. vys. ucheb. zav., chern. met. 5 no. 10:111-118 '62.

TOOL STEEL—TESTING

Letter to the editors. V. Kashchuk. Izv. vys. ucheb. zav.; chern. met. 5 no. 10:208 '62.

TOOL STEEL—THERMAL PROPERTIES

Increasing the heat-resistance of tool steel. N. A. Nesterov, IU. V. Grdina. Izv. vys. ucheb zav., chern. met. 5 no. 10 125-130 '62.

TOPAZ

Goniometric studies of topazes. L. IA. TSenter. Zap. Vses. min. ob-va 91 no. 5:515-516 '62.

TOPOLOGY

Groups of motions and the endomorphisms of affinely connected space M. A. Ulanovskii. Mat. sbor 58 no. 3 281-289 N '62.

On a problem of S. L. Sobolev S. M. Nikol'skii Sib mat. zhur 3 no 6:845-851 N-D '62.

Statistical metric spaces arising from sets of random variables in Euclidean n-space [in English]. B. Schweizer, A. Sklar. Teor verojat. i ee prim. 7 no 4 456-465 '62.

TOROPETS—SEALS (NUMISMATICS)

Several finds in the ancient Toropets. G. F. Korzukhina. Krat. soob. Inst. arkheol no. 87:100-101 '62.

TORSION

Experimental study of the torsion of two-sided reinforced concrete rods A I Bugaiyrev Sbor trud LIIZHT no 174 263-272 '60

Setting-up differential equations of movement of flexible torsional systems. N. G. Garkusha. Sbor. trud. Inst. gor. dela AN URSR no. 12 3-15 '61.

TOSNO DISTRICT—PEAT INDUSTRY

When the audience understands a lecture. P. Ozornin. Agitator no 21-48-49 N '62.

TOURISM

In the Presidium of the All-Union Central Council of Trade Unions. Okhr. truda i sots. strakh. 5 no. 10 47 O '62.

TOURISM—ABSTRACTS

[Regional studies] Ref. zhur. Otd. vyp. 35: Kraeved. no. 11 N '62.

TOWERS, PLATE see Plate Towers

TOXEMIA

Amino acid content in the blood and urine of healthy pregnant women and of those with toxicoses. E. A. Mognian, R. A. Cikhikvadze. Trudy Erev. med. inst. no. 11:317-322 '60.

Protein function of the liver in the toxicoses of pregnancy [in Armenian with summary in Russian]. S M Gevorkian. Izv. AN Arm. SSR. Biol. nauki 15 no. 9:47-56 S '62.

Use of new hypotensive agents in late toxicoses of pregnancy. M. I. Antelmova. Sov. med 26 no. 7:110-111 Jl '62.

TOXICOLOGY see subdivision under Slavarsan

TOXINS AND ANTITOXINS

Further purification and the immunochemical properties of lecithinase, the lethal factor of B perfringens toxin [with summary in English]. M. V Isolatovskaia, G. A. Levdikova Biokhimiia 27 no. 4:631-635 Jl-Ag '62.

Study of botulin anatoxins. Report No. 3: Botulin anatoxin type C (with summary in English). A P Markin and others Zhur mikrobiol., epid. i immun 33 no 12: 96-99 D '61

"Toxin-enzyme" hypothesis and the role of bacterial enzymes in the pathogenesis of infection I V Domaradskii. Usp sovr biol 54 no 1 57-70 Jl-Ag '62

TOXOPLASMOSIS

(see also subdivision under Armenia)

Case of congenital toxoplasmosis with isolation of the pathogen M. A. Fedeeva, Z. V. Dunaeva Vop. okh. mat. i det. 7 no. 4:88-90 Ap '62

Case of toxoplasmosis in a stillborn infant. G. S. Zenkevich Zdrav. Turk 6 no 2 38-39 Mr-Ap '62

TRACE ELEMENTS

Behavior of some rare and dispersed elements in the super genesis zone V V. Shcherbina Sov geol 5 no. 6 94-103 Je '62

Effect of the trace elements cobalt, copper, manganese, and zinc on the egg yields of poultry, the embryogeny, and hatch ability of chicks. P. P. Shsherbina, H. S. Krok, M IU. Pylypenko. Nauk pratsi Ukr. nauk -doslsl inst. ptakh. 9 no 1,67-79 '61.

Geochemical ecology. V. V. Koval'skii. Vop. ekol. 4: 37-38 '62.

Growth stimulators for chickens. O A. Shymans'ka. Visnyk sil'hosp nauky 5 no 6 113-118 Je '62

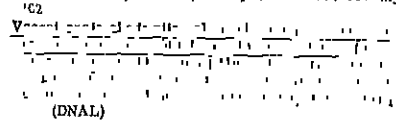
Rostov conference on trace elements. A L Venchikov. Zdrav. Turk. 6 no. 2 47-48 Mr-Ap '62

Trace element content of grey soils rich in humus and carbonates and their dynamics. M I Orlova. Uch. zap. Mord. gos. un. no. 13 38-48 '60.

Volnar, A. I. [Trace elements in living nature] Mikroelementy v zhivoi prirode. Moskva, Vysshaia shkola, 1962. 91 p.

TRACE ELEMENTS—PHYSIOLOGICAL EFFECT

Microelements increase the milk yield of cows. S V Panova Visnyk sil'hosp nauky 5 no 5 114-117 My '62



(DNAL)

TRACE ELEMENTS IN THE BODY

Content of some trace elements in the tissue of the palatine tonsils in various clinical forms of chronic tonsillitis [with summary in English]. D. E. Chernov, E N Ivanova, V R Soroka. Zhur. ush., nos i gorl bol. 22 no. 2 54-58 Mr-Ap '62.

TRACERS (BIOLOGY)

Grodzinskii, D. M. [Methods of using radioactive isotopes in biology] Metodika primeneniia radioaktivnykh izotopov v biologii. Kiev, Izd-vo Ukr. akad. sel'khoz. nauk, 1962. 170 p.

[MICROFILM]

TRACHEA—INNERVATION

Changes in the intramural nervous system of the trachea *in cancer of the larynx* [with summary in English]. A. I Pavlova. Zhur ush., nos i gorl bol 21 no. 6 42-49 N-D '61

TRACHEA—SURGERY

Indications for tracheotomy in respiratory disorders as a consequence of poliomyelitis [with summary in English]. V. P Doroshchuk. Zhur ush., nos. i gorl. bol. 22 no 2:28-32 Mr-Ap '62.

Plastic restoration of the lumen of the larynx and trachea in cicatricial stenosis [with summary in English] A. I. IUnina Zhur ush., nos. i gorl. bol 22 no. 2 22-28 Mr-Ap '62.

Present-day status of the problem of the indications for tracheotomy [with summary in English]. V. A. Maksimova. Zhur. ush., nos. i gorl. bol. 22 no. 2: 33-37 Mr-Ap '62

Tracheostomy as an effective measure in controlling asphyxia caused by status asthmaticus [with summary in English]. V. D. Malyshev, V. V. Sergovnin. Vest. khir. 87 no. 11:57-61 N '61.

TRACHEA—TUBERCULOSIS

Tuberculosis of the trachea and bronchi [with summary in English]. E. G. Beloslud. Zhur. ush., nos. i gorl. bol 22 no. 2 44-47 Mr-Ap '62.

TRACK ATHLETICS

Change in the height of the longitudinal arch of the foot under the influence of stress in athletes of some specialities. Z. S. Mironova, R. L. Gorbunova. Teor. i prak. fiz. kul't. 25 no. 3:21-23 Ag '62.

TRACTOR INDUSTRY see subdivision under Tambov Province

TRACTORS

Adol'f, V. A., and others. [The T-16 self-propelled chassis] Samokhodnoe shassi T-16. Moskva, Sel'khozizdat, 1962. 254 p.

Chudakov, D. A. [Fundamentals of the theory of tractors and motor vehicles] Osnovy teorii traktora i avtomobilia. Moskva, Sel'khozizdat, 1962. 311 p. (Uchebniki i uchebnye posobiia dlia vysshikh sel'skokhoziaistvennykh uchebnykh zavedenii)

Effect of tracklaying and wheeled tractors on some physical properties of soil V. I Kuzakov Trudy Stavr. sel'khoz. inst no 9 133-136 '60

High-speed tractors will plow our fields. A. Kirjukhin Agitator no 21 31-34 N '62

Improvement of the T-140 tractor. I. M. Zil'berminits. *Uch. zap. Mord. gos. un.* no. 13:199-203 '60

Increasing the power output of a tractor. M. Makarov. Sel'. mekh. no. 4 34-35 '62.

The MTZ-50 tractor. N. Kiselev. Sel'. mekh. no. 4: 42-43 '62.

New tractors for agriculture. M. I. Nozhkin. Zemledelie 24 no. 6:65-69 Je '62.

Some data on the effectiveness of using tracklaying and wheeled tractors in agriculture. V. I Kuzakov Trudy Stavr. sel'khoz. inst no 9 165-175 '60.

The T-40 high-speed universal wheeled tractor. A. M. Plisov. Biul. tekh.-ekon. inform. Gos. nauch.-issl. inst. nauch. i tekh. inform. no. 11:77-79 '62.

The T-91-3E prime mover. P. Novikov. Tekn. sel'khoz. 33 no. 10:77-78 O '62.

The VK-48 tractor. L. Zelikovskii, N. IAkovlev. Sel'. mekh. no. 11:41-42 '62.

TRACTORS—ABSTRACTS

[Tractors and agricultural machinery] Ref. zhur. Otd. vyp. 44: Trakt. i sel'khoz. mash. nos. 21, 23-24 N-D '62.

TRACTORS—BRAKES

A hydraulic brake system. V. Anokhin. Sel'. mekh. no. 11:36-38 '62.

TRACTORS—ENGINES

Improving the efficiency and economic characteristics of truck-tractor carburetor engines during repair. I M. Zil'berminta. Uch. zap. Mord. gos un. no. 13 205-212 '60.

TRACTORS—EQUIPMENT AND SUPPLIES

Constant discharge pump for the hydraulic units of a heavy tractor. A. F. Arkhangel'skii. Stroi. i dor. mash. 7 no. 10:15-16 O '62.

Fitting steel-aluminum bushings I. I Fedorenko Trudy Stavr. sel'khoz. inst. no. 9 177-179 '60.

TRACTORS—FUEL SYSTEMS

Adjustment of fuel system equipment. K. Achkasov. Sel'. mekh. no. 11:35 '62.

Volchok, L. IA. [Feed of motor-vehicle and tractor engines] Pitanie avtomobil'nykh i traktornykh dvigatelei. Minsk, Izd-vo MVSS i PO BSSR.
Pt. I. [Feed of carburetor engines] Pitanie karbiuratornykh dvigatelei. 1962. 160 p.

TRACTORS—HYDRAULIC EQUIPMENT

Kochurov, N. I., and V. I. TSyplikov. [*Hydraulic systems* of tractors and agricultural machines] Gidravlicheskie sistemy traktorov i sel'skokhoziaistvennykh mashin. Moskva, Mashgiz, 1962. 176 p.

Use of the hydraulic systems of tractors. T. Zhatkevich. Sel'. mekh. no. 11:33-34 '62.

TRACTORS—MAINTENANCE AND REPAIR

Rebuilding of the crosshead of a regulator. A. Zakharov. Sel'. mekh. no. 4:33 '62

Resealing of a pressure valve. S. Polovets. Sel'. mekh. no. 4:33 '62

TRACTORS—TESTING

Shortcomings in the design of the SGU-2 stand. L. Sidevskii, G. Shalunov. Sel'. mekh. no. 4:31-32 '62.

TRACTORS—TIRES

Determining radial deformation in tractor tires. V. N. Markov. Trudy Stavr. sel'khoz. inst. no. 9 181-186 '60.

TRACTORS—TRANSMISSION DEVICES

Packing glands with two springs. G. Sukhotskii, V. Astraukh. Sel'. mekh. no. 11:32 '62.

TRADE SCHOOLS—HYGIENIC ASPECTS see subdivision under Erivan

TRADE UNIONS

(see also subdivision under Africa; Australia, Cyprus; Denmark; Georgia; Germany, West; Great Britain; Irkutsk Province; Leningrad; Novgorod Province; Poland; Stavropol Territory; White Russia)

Count, search and economize. V. Krest'ianinov. Sov. profsoiuzy 18 no. 21:4-6 N '62.

In the Central Committee of the Trade Union of Prospecting Workers. Razved. i okhr. nedr 28 no. 10:62-63 O '62.

Let's make room for community participation. G. Podel'shchikov. Okhr. truda i sots. strakh. 5 no. 10:3-4 O '62.

Letters from the editor. Sov. profsoiuzy 18 no. 21:45 N '62.

TRADE UNIONS (Continued)

Moscow. Vysshaia shkola professional'nogo dvizhenia. Kafedra istorii profdvizhenia. [History of the trade-union movement abroad from the 1760's to 1939] Istoriia profsoiuznogo dvizhenia za rubezhom, s 60-kh gg. XVIII v. do 1939 g. [Moskva] Profizdat, 1962. 591 p.

Our "university" and "seminar" in 1963. Sov. profsoiuzy 19 no. 21 21-22 N '62.

The social security charter in operation. P. Gonthier Vsem. prof. dvizh. no. 10:32-34 O '62.

Strengthen unity in the struggle against the class enemy in every way possible. Vsem. prof. dvizh. no. 10 1-2 O '62.

TRADE UNIONS--CONGRESSES

Agricultural and forestry workers on the eve of their Fourth International Trade-Union Conference S. Egurazdov. Vsem. prof. dvizh. no. 10:40-45 O '62.

At the Seventh Congress of the Trade Union of Coal Miners. Z. N Zlatogorov. Bezop truda v prom. 6 no. 6 35-36 Je '62.

Transportation workers discuss their problems. Umberto Degli Innocenti. Vsem. prof. dvizh. no. 10: 50-52 O '62.

Unity and cooperation. Okhr. truda i sots. strakh. 5 no. 10:8-13 O '62.

TRADE UNIONS--OFFICERS

Be a zealous manager Sov. profsoiuzy 18 no 21-2-3 N '62.

Practical help is the main thing. N. Permut. Sov. profsoiuzy 18 no 21:20-21 N '62

Yes, the instructor is an organizer and creator. Victor Koval'. Sov profsoiuzy 18 no 21 19-20 N '62

TRAFFIC ENGINEERING

Present-day methods of separating pedestrian routes from vehicular traffic. G. P. Golubev Izv ASiA no. 3:43-56 '62

TRAFFIC REGULATIONS

Nahula, H. K., V. S. Kaliag'kyi, and O. I Manzon. [Manual for a driver of the third class] Pidruchnyk shofera tret'oho klasu. Vyd. 2., perer. ta dop. Kyiv, Derzhtekhvydav URSR, 1962 457 p.

What is not included in the regulations. N. Ilimashev. Za rul. 20 no. 11 10 N '62.

TRAFFIC SAFETY

Common cause. Avt. transp. 40 no. 10:46-47 O '62.

Hourly traffic control. V. Makarov. Za rul. 20 no. 11: 30 N '62.

Pay attention at a crossing V. Zlobin, A Rovinskii Vsem. vest. 42 no 5 60-61 My '62

The road to delinquencies is closed. IU. Il'in. Vsen. vest 42 no. 5:54-56 My '62

Voluntary service in traffic safety. V. Chukovich. Avt. transp. 40 no. 10.45-46 O '62.

TRAIANOVA, MARGARITA

Talented ballerina. L. Khristov. Sov. muz 26 no 9 127-128 S '62

TRAINING OF EMPLOYEES see Employees, Training of

TRANSAMINASE

Activity of the aldolase, pseudocholinesterase, and transaminases in the blood serum in epidemic hepatitis [with summary in English]. V. Torjescu and others. Vop. med. khim. 8 no. 1:27-30 Ja-F '62.

TRANSBAIKALIA--FROZEN GROUND

Zonal types of soils in regions of perennial frost [with summary in English]. I A Sokolov, T. A Sokolova Pochvovedenie no. 10:23-32 O '62.

TRANSBAIKALIA--ORE DEPOSITS

"Complex metal deposits and metallogeny of eastern Transbaikalia" by S. S. Smirnov. Reviewed by L. I. Lukin. Vest. AN SSSR 32 no. 11:143-144 N '62.

The ore belts of western Transbaikalia. A. D. Shcheglov. Dokl AN SSSR 147 no. 1:199-202 N '62.

TRANSCARPATHIA--BEECH

Trees are dyed standing. V. Krivoshein. IUn nat. no. 10:37 O '62.

TRANSCARPATHIA--EARTH--INTERNAL STRUCTURE

Deep-seated structure of the earth's core at Transcarpathia. A. A. Borisov, G. I. Kruglikova. Izv. AN SSSR. Ser. geofiz. no. 11:1497-1501 N '62.

TRANSCARPATHIA--INTERNATIONALISM

Our experience in the international education of workers. V. Shainovskii. Komm. Ukr. 38 no. 10:62-66 O '62.

TRANSCARPATHIA--LIMING OF SOILS

Effect of liming on soil fertility in Transcarpathia [with summary in English]. P A Dmitrenko, N E Shestidesiatnaia. Pochvovedenie no. 10:40-46 O '62.

TRANSCARPATHIA--ORTHODOX EASTERN CHURCH

Hornet's nests. S. Boiko. Nauka i rel. 4 no. 10:32-35 O '62.

TRANSCARPATHIA--RAILROADS--SANITATION

From the practices in aerosol disinsectization of the rolling stock of railroads A D. Fedorenko Zashch rast ot vred i bol 7 no 5 51-52 My '62

TRANSCARPATHIA--SAN JOSE SCALE--EXTERMINATION

San Jose scale (Diaspidiotus perniciosus Comst.) and measures for its control in the orchards of Transcarpathia. P. P. Savkova'kyi, N. F. Turnkina Nauk. pratsi Ukr. nauk.-doslid. inst sad. no. 37 10-16 '60.

TRANSCARPATHIA--SOIL FERTILITY

Effect of liming on soil fertility in Transcarpathia [with summary in English] P A Dmitrenko, N E Shestidesiatnaia Pochvovedenie no 10 40-46 O '62

TRANSCAUCASIA--ECONOMIC CONDITIONS

For an over-all expansion of the economy of the Transcaucasian Republics. E. Astsatrian. Prom. Arm. 5 no. 10,9-12 O '62.

TRANSCAUCASIA--ELECTRIC PROSPECTING

Dukhnikashvili, A. V. [Electric prospecting in mining geology in Transcaucasia] Elektrorazvedka v rudnoi geologii Zakavkaz'ia. Tbilisi, Izd-vo Akad. nauk Gruzinskoi SSR, 1962. 177 p.

TRANSCAUCASIA--MUSIC

Regular concerts in the Caucasus T Leontovskaia, I. Smirnova Sov muz 26 no 9.110-115 S '62

TRANSCAUCASIA--ORE DEPOSITS

Dukhnikashvili, A. V. [Electric prospecting in mining geology in Transcaucasia] Elektrorazvedka v rudnoi geologii Zakavkaz'ia. Tbilisi, Izd-vo Akad. nauk Gruzinskoi SSR, 1962. 177 p.

TRANSCAUCASIA--REVOLUTION, 1917-1921

History of communist organizations in Transcaucasia. P. S. Kobitsov and others. Vop. ist. KPSS 6 no. 6, 56-73 '62.

"The socialist revolution in Transcaucasia in the studies of bourgeois historians" by G. A Galoian. Reviewed by G. L. Gambashidze. Ist SSR 6 no. 6: 153-155 N-D '62.

TRANSCAUCASIA--RODENTIA

Shidlovskii, M. V. [Classification key to the rodents of Transcaucasia] Opredelitel' gryzunov Zakavkaz'ia. Tbilisi, Izd-vo Akad. nauk Gruzinskoi SSR, 1962. 171 p maps. (Fauna Zakavkaz'ia)

TRANSDUCERS

Problems concerning the theory of inductive angular position transducers with printed windings [with summary in English]. L. N. Sofonov. Avtom. i telem. 23 no. 10:1334-1342 O '62.

Semigraphical method for determining the sensitivity of networks with nonlinear modulating transducers N. I Tiushkevich Izv vys ucheb zav., energ. 5 no 10 41-45 O '62

TRANSIENTS (DYNAMICS)

Calculating the transient process in the movement of a self-propelled model. N. N. Kabachinskii. Trudy GPI 15 no. 1:8-11 '61 [i.e. '59].

TRANSIENTS (ELECTRICITY)

Determination of the parameters of third-order circuits on the basis of their desirable transients. N. N Linichenko. Elektrichestvo no 11:77-78 N '62.

TRANSISTOR AMPLIFIERS

High-frequency correction in transistorized video amplifiers. I. N. Pustynskii, IU. A. Shlykov. Tekh. kino i telev. 6 no. 11:42-47 N '62.

Low-frequency measuring amplifier in transistors. M. N. Ungerman. Geofiz. prib. no. 9:8-15 '61.

Shapiro, D. N. [Principles of the theory and design of high-frequency transistor amplifiers] Osnovy teorii i raschota usilitelei vysokoi chastoty na tranzistorakh. Moskva, Svinz'izdat, 1962. 279 p.

TRANSISTOR CIRCUITS

Power amplifier using switching transistors for regulating a two-phase asynchronous motor [with summary in English]. O. M. Minina, E. S. Chistova. Avtom. i telem. 23 no. 10:1303-1395 O '62.

TRANSISTOR OSCILLATORS see Oscillators, Transistor

TRANSISTORS

Amplification coefficient of a parametric traveling-wave amplifier using diodes with losses. A. S. Petrov. Radiotekh. i elektron. 7 no. 12:2090-2092 D '62.

Concerning the Q-factor of a transistor stage. IU. A. Volkov. Izv. vys. ucheb. zav., radiotekh. 5 no. 5. 561-567 S-O '62.

Interpretation of Schottky's curves of transistor thermocathodes. A. A. Ostroukhov. Radiotekh. i elektron. 7 no. 12:2072-2075 D '62.

A new convenient parameter for classifying transistors by their response time. V. I. Shvelkin. Radiotekhnika 17 no. 11:65-67 N '62.

Nonlinear equations for a charge method for calculating processes in transistors. M. Dregenesku. Radiotekh. i elektron. 7 no. 12:2062-2066 D '62.

Photoelectric properties of zinc and gold doped germanium. V. I. Sidorov, T. M. Lifshits. Radiotekh. i elektron. 7 no. 12 2076-2085 D '62

Some characteristics of measuring the energy spectra of α-particles and fission fragments with semiconductor detectors V. A. Blinov and others Atom energ 13 no 5 376-378 N '62

TRANSIT INSTRUMENTS

Effect of inexactly shaped journals of a transit instrument on the determination of its azimuth A. I. Orlova, L. A Solov'eva Trudy inst Kom stand., mer i izm prib no 58,128--130 '62.

TRANSITION METALS

Anomaly in μ-meson decay in mesic atoms of transition metals of the iron group [with summary in English]. L. B. Egorov and others Zhur eksp i teor fiz 43 no. 1 1119-1153 O '62

Inversion splitting of levels in free complexes of transition metals [with summary in English] I B Bersuker Zhur. eksp i teor fiz 43 no 4 1315-1322 O '62

Thermionic emission of metal silicides of the transition group of the periodic structure of elements. S. V. Ermakov, B. M. TSarev Radiotekh. i elektron. 7 no 12 2102-2101 D '62.

TRANSPLANTATION OF ORGANS, TISSUES, ETC.

Study of the immunological reaction of the body of the recipient in heterotransplantation of fresh and preserved tissues in an experiment [with summary in English in insert] E M Meerson, M M Kapichnikov. Ortop., travm i protez 23 no 5 61-66 My '62

TRANSPORTATION

(see also subdivision under Gorkiy Province, Ukraine, Yaroslavl Province)

Building of communism and the development of the unified transportation system S Buzanov, K Graudins Izv AN Latv. SSR no 4 15-26 '62

The coordination of operations in transportation is the most important national task B P Beshchev Zhel dor transp. 44 no 11.3-9 N '62

Distribution of shipments among the various types of transportation V. I. Dmitriev, V. I Petrov Zhel. dor. transp. 44 no. 11 24-29 N '62

Nikol'skii, L. V. [Geography of U. S. S. R. transportation, methodological instructions and a concise abstract of individual course sections for correspondence school students of the geographical faculties of state universities] Geografiia transporta SSSR; uchebno-metodicheskie ukazaniia i kratkii konspekt otdel'nykh razdelov kursa dlia studentov-zaochnikov geograficheskikh fakul'tetov gosudarstvennykh universitetov. [Moskva] Izd-vo Mosk. univ., 1958. 95 p.

Studying the great program of the development of communism in the process of teaching physics. A. S. Enokhovich. Fiz. v shkole 22 no. 2:13-19 Mr-Ap '62.

Transportation in containers in capitalist countries. IU. P. Sorochan. Biul. tekh.-ekon. inform. Gos. nauch.-issl. inst. nauch. i tekh. inform. no. 11 101-104 '62.

Vinogradov, N. I. [Planning of transportation; textbook for the course on "Planning of the national economy"] Planirovanie perevozok; uchebnoe posobie po kursu "Planirovanie narodnogo khoziaistva." [Leningrad] Izd-vo Leningr. univ., 1962. 37 p.

TRANSPORTATION--ABSTRACTS

[Container shipments and the interaction of various types of transportation] Ref. zhur. Otd. vyp. 31. Vzaimodeis. raz. vid. transp. i kont. perev. no. 12 D '62.

[Industrial transportation] Ref. zhur.: Prom. transp. no. 12 D '62.

TRANSPORTATION--COSTS

Possibilities of reducing transportation costs. T. Z. Koshkarev Zhel dor. transp. 44 no 11-37-39 N '62.

TRANSPORTATION--LAWS AND REGULATION

How we supervise the observance of transportation laws. A. Pronin. Rad. pravo no 6:67-69 N-D '62.

TRANSPORTATION, AUTOMOTIVE

(see also subdivision under Bobruysk, Bulgaria; Minsk; Samarkand Province; Ural Mountain region, White Russia)

According to account or norms? G. Gross. Avt. transp. 40 no. 10:37-38 O '62.

Apply hidden potentialities. Avt. transp. 40 no. 10:4-5 O '62.

Noble duty of highway transport workers. S. Artem'ev. Avt. transp. 40 no. 10 15-17 O '62.

Practice of centralized transportation with a dispatch service. V. Afanasenko. Avt transp. 40 no. 10:18-19 O '62.

Prospects of an efficient utilization of railroad and automotive transportation F. V. Kalabukhov. Zhel dor. transp. 44 no. 11 20-24 N '62

Technical assistance on the road. V. Kuznetsov. Avt. transp. 40 no. 10 20 O '62.

[Translations of foreign periodical literature on problems of automotive transportation] Sbor. perev. mat. iz inostr. period. lit. po vop. avt. transp. no. 3 '62.

TRANSPORTATION, AUTOMOTIVE—ABSTRACTS
[Automotive and city transportation] Ref. zhur.: Avt. i gor. transp. no. 12 D '62.

TRANSPORTATION, AUTOMOTIVE—BIBLIOGRAPHY see Bibliography—Transportation, Automotive

TRANSPORTATION, AUTOMOTIVE—FREIGHT see subdivision under Kara-Kalpak A S S R

TRANSPORTATION, MILITARY
About those who are always on a journey I. IUr'ev. Starsh. -serzh. no. 9 18-19 S '62.

TRANSPORTER BRIDGES—DESIGN AND CONSTRUCTION
Experimental checking of the design calculations of the metal structures of mobile transporter bridges. E. V. Shirochenko and others. Ugol' Ukr. 6 no. 5 13-16 My '62.

TRANSURANIUM ELEMENTS
Study of the properties of transuranium elements. T. Veresh, V. G. Solov'ev, T. Shikiosh. Izv. AN SSSR Ser. fiz. 26 no. 8 1045-1060 Ag '62.

TRAPPING
Effect of atmospheric temperature below freezing point on the ability of animals to perceive scent. S. A. Korytin, V. A. Zamakhaev, M. D. Azbukina. Vop. ekol. 4 121-122 '62.

TRAUMATISM
(see also subdivision under Semipalatinsk)
Crush syndrome and its treatment by the method of hemodialysis using the "artificial kidney" apparatus. V. A. Agranenko, V. V. Vorozhishchev. Vest. khir. no. 5 83-88 '62.
Use of muscle relaxants in the clinical aspects of traumatology and orthopedics during concurrent combined anesthesia. V. I. Sokolov. Vest. khir. no. 5 81-85 '62.

TRAVELING-WAVE TUBES
Calculation of the focusing of an electron beam by a periodic magnetic field in a traveling-wave tube with a screened cathode. A. L. Igritskii. Radiotekh. i elektron. 7 no. 12 2043-2050 D '62.
Contribution to the theory of a transverse-current traveling-wave tube. G. P. Petin. Radiotekh. i elektron. 7 no. 11 1941-1947 N '62.
Simplified nonlinear equations of a traveling-wave tube. V. T. Ovcharov, V. A. Solntsev. Radiotekh. i elektron. 7 no. 11 1931-1940 N '62.
Study of a transverse-current traveling-wave tube with a skewed helix. G. P. Petin. Radiotekh. i elektron. 7 no. 11 1948-1952 N '62.
Use of simplified nonlinear equations of a traveling-wave tube for designing an O-type tube. V. T. Ovcharov, V. A. Solntsev. Radiotekh. i elektron. 7 no. 12 2013-2023 D '62.

TRAWLS AND TRAWLING
Effect of hydrodynamic forces on the rope and the selection of wire for high-speed and deep-sea trawling. S. N. Chubarov. Ryb. khoz. 38 no. 5 45-49 '62.
Trawling at increased speed. V. I. Kaplan, A. B. Lishin, E. I. Zaitsev. Ryb. khoz. 38 no. 5 30-44 '62.

TREATIES
"The law of treaties" [in English] by A. D. McNair. Reviewed by A. N. Talalaev. Sov. gos. i pravo 32 no. 11 152-154 N '62.

TREES
(see also subdivision under Gagra; Il'men' Preserve)
Effect of the flooding of root systems on the accumulation of phosphorous in seedlings of arboreous plants. A. IA. Orlov. Dokl. AN SSSR 147 no. 1 233-236 N '62.

TREHALOSE
Localization and sources of trehalose biosynthesis in the organism of the oak silkworm. T. A. Egorova, A. N. Smolin. Dokl. AN SSSR 147 no. 1 224-226 N '62.

TREMATODA see subdivision under Azerbaijan; Kirghizistan

TRIALS (INFANTICIDE) see subdivision under Belgium

TRIAMINE
Synthesis of "etriol" triamine [1, 1, 1-tris (aminomethyl)-propane] S. Z. Kaplan and others. Zhur. ob. khim. 32 no. 10 3197-3198 O '62.

TRIAZINE
Syntheses in 1, 3, 5-triazine series. Part 1: Preparation of 2, 4, 6-trialkyl (aryl)-1, 3, 5-triazines from iminoesters. A. IA. IAkubovich and others. Zhur. ob. khim. 32 no. 10 3408-3417 O '62.

TRIAZINE—SPECTRA
Dependence of vacuum ultraviolet spectra of s-triazine derivatives on their molecular structure. E. N. Boitsov, A. L. Finkel'shtein, V. A. Petukhov. Opt. i spektr. 13 no. 2 274-276 Ag '62.

TRIAZOLE
Derivatives of aminoguanidines and their transformations. Part 4: Derivatives of 1-alkyl-1-aminoguanidines and 1-alkyl-3-substituted 1, 2, 4-triazoles. G. I. Chipen, V. IA. Grinshtein, Zhur. ob. khim. 32 no. 11 3611-3617 N '62.

TRIBAL GOVERNMENT see subdivision under Turkmen

TRICHODERMA
Using Trichoderma against the fusarium infection of watermelons. IE. IE. Fomin, V. I. Tymchenko. Visnyk sil'hosp. nauky 5 no. 5 95-98 My '62.

TRICHOGRAMMA
Practices in using Trichogramma against the European corn borer. T. M. Guseva. Zashch. rast. ot vred. i bol. 7 no. 5 30 My '62.
Trichogramma against cotton bollworm on tomatoes. G. I. Dzhamalov. Zashch. rast. ot vred. i bol. 7 no. 7 31 Jl '62.

TRICHOMONIASIS
(see also subdivision under Czechoslovakia)
Citral therapy of trichomonal colpitis. G. M. Osnos. Sov. med. 26 no. 10:102-104 O '62.
Pathways of trichomonas infection of the urogenital organs in women. E. V. Nasibova. Akush. i gin. no. 1: 74-76 '62.
Trichomonas infections of the male urogenital system according to materials from the Ashkhabad Dermatovenereological Dispensary. I. D. Leivi. Zdrav. Turk. 6 no. 2 29-30 Mr-Ap '62.

TRIGONOMETRY—TABLES, ETC.
Russia (1923- U.S.S.R.) Glavnoe upravlenie geodezii i kartografii. [Five-place tables of the natural values of trigonometric quantities, their logarithms, and logarithms of integers] Piatiznachnye tablitsy natural'nykh znachenii trigonometricheskikh velichin, ikh logarifmov i logarifmov chisel. 4. izd. Moskva, Izd-vo geodez. lit-ry, 1962. 176 p.

TRIPLE BONDS
Electroreduction of acetylene linkage. A. P. Tomilov. Usp. khim. 31 no. 10 1217-1230 O '62.

TRITIUM
Effect of halogen-containing additives on the reactions of tritium recoil atoms with benzene. V. V. Pozdeev, An. N. Nesmeianov, B. G. Dzantiev. Radiokhimiia 4 no. 4:398-404 '62.
Effect of the aggregate state on the reactions of tritium recoil atoms with hydrocarbons. V. V. Pozdeev, An. N. Nesmeianov, B. G. Dzantiev. Radiokhimiia 4 no. 4:404-410 '62.
Measurement of the activity of tritium in water samples. A. A. Abdullaev and others. Izv. AN Uz. SSR. Ser. fiz.-mat. nauk 6 no. 5:40-44 '62.
Use of tritium in hydrogeological studies. A. A. Abdullaev and others. Izv. AN Uz. SSR. Ser. fiz.-mat. nauk 6 no. 5:45-49 '62.

TROLLEY BUSES see subdivision under Moscow

TROLLEY BUSES—EQUIPMENT AND SUPPLIES
Using polyethylene for electric insulation of rods of trolley bus current collectors. N. Vol'vak. Zhil.-kom. khoz. 12 no. 11:21-22 N '62.

TROLLEY WIRES see Electric current collectors

TROPICAL FRUIT
Practices used in the subtropics abroad. Subtrop. kul't. no. 2:131-133 '62.

TROPICAL PLANTS see subdivision under Russia, Southern

TROSTYANKA RUSSKAYA REGION—SCYTHIAN ANTIQUITIES
Burial mound of the Scythian period near the Russkaya Trostyanka village. A. I. Puzikova. Sov. arkheol. 6 no. 4:218-224 '62.

TROUT
(see also subdivision under Chaykend; Chukhurkabala, Lena Delta)
First appearance of hemoglobin in embryos of the rainbow trout (Salmo irideus Gibbons). I. N. Ostroumova. Dokl. AN SSSR 147 no. 1:263-264 N '62.

TRUCK DRIVERS
Charges for carrying passengers. Sel'. mekh. no. 4:27 '62.
Classification of tractor drivers and machinery operators. Sel'. mekh. no. 4:24-25 '62.

TRUCK FARMING see subdivision under Rostov County

TRUCK TRAILERS
Dump semitrailer for long-sized freight. V. Kuznetsov, M. Basin. Avt. transp. 40 no. 10:50 O '62.
New facilities for transporting cranes. I. M. Maniuta, B. F. Kulik. Strol. i dor. mash. 7 no. 10, 11 O '62.
A new trailer for heavy loads. L. N. Akhmet'ev, K. E. Nikul'shin. Strol. i dor. mash. 7 no. 10:9-10 O '62.
Pipe carriers. Strol. i dor. mash. 7 no. 10:33 O '62.

TRUSKAVETS—MINERAL WATER
Treatment of liver and gall bladder diseases at the Truskavets health resort using mineral water from the Naftusia spring. N. F. Golosai. Vop. kur., fizioter. i lech. fiz. kul't. 27 no. 2:146-151 Mr-Ap '62.

TRUSKAVETS—SALINE WATERS
Medicinal preparations. Zdrav. Bel. 8 no. 7 04 Jl '62.

TRUSSES
Comparative effectiveness of standard reinforced concrete and steel trusses for roofs of single-story industrial buildings. D. F. Il'in. Izv. ASiA 4 no. 1:107 113 '62.
Manufacture of prestressed trusses for industrial construction. M. Lichnitaer. Prom. stroi. i inzh. soor. 4 no. 2 18-21 Mr-Ap '62.
Use of precast prestressed concrete segmented trusses in buildings with low points in the shape of the roof and a span of the framing elements of 12 m. Biul. stroi. tekh. 19 no. 5 6-10 My '62.
Use of reinforced concrete segmented trusses in buildings with suspended transportation and low points in the shape of the roof. Biul. stroi. tekh. 19 no. 5 25 My '62.

TRUSSES—TRANSPORTATION
Transportation of an 18 m. reinforced concrete truss. D. F. Ivantsov. Prom. stroi. 40 no. 8, 30-31 '62.

TRUSTS, INDUSTRIAL see subdivision under Germany, West

TRYPAN BLUE
Trypan skin test for studying the permeation of blood-carrying capillaries in the case of poisoning by snake venom. A. T. Berdyeva. Izv. AN Turk. SSR. Ser. biol. nauk no. 5:67-71 '62.

TRYPSIN
Use of ion exchange resins for producing trypsin [with summary in English] S. E. Manoilov, V. N. Shvedova, I. L. Ryndina. Biokhimiia 27 no. 4:698-701 Jl-Ag '62.

TRYPTOPHAN
Obtaining protein preparations from duck eggs in order to determine their tryptophan and methionine content. O. IU. Nikitina. Nauk. pratsi Ukr. nauk.-dosl. inst. ptakh. 9 no. 1:140-142 '61.

TSELINNYY KRAY see Virgin Territory

TSELINOGRAD DISTRICT—FRUIT FLIES
Fruit fly destroying bristlethistle seeds. A. V. Badulin. Zashch. rast. ot vred. i bol. 7 no. 7, 36 Jl '62.

TSELINOGRAD DISTRICT—THISTLE—DISEASES AND PESTS
Fruit fly destroying bristlethistle seeds. A. V. Badulin. Zashch. rast. ot vred. i bol. 7 no. 7 36 Jl '62.

TSELINOGRAD PROVINCE—AGRICULTURAL WORKERS
Use labor resources fully. V. Kudriashev. Ekon. sel'khoz. 33 no. 10 81-88 O '62.

TSELINOGRAD PROVINCE—COLLECTIVE FARMS—MANAGEMENT
Use labor resources fully. V. Kudriashev. Ekon. sel'khoz. 33 no. 10 81-88 O '62.

TSIMBALIST, DIMTRII FEDOROVICH, 1894-1961
In memoriam Dmitrii Fedorovich TSimbalist. Zhur. mikrobiol., epid. i immun. 32 no. 12:141 D '61.

TSIOLKOVSKII, KONSTANTIN EDUARDOVICH, 1857-1935
The space program of a great scholar. A. Uraul. Nauka i rel. 4 no. 10:12-16 O '62.

TUBERCULIN—TESTING
Characteristics of the tuberculin tests in children inoculated during early infancy with peroral BCG vaccine and live poliomyelitis vaccine. R. Kukaine and others. Izv. AN Latv. SSR no. 7:115-117 '62.
Diagnostic significance of dry purified tuberculin in determining tuberculous infection in adults. B. S. Gelter. Zdrav. Bel. 8 no. 2:15-17 F '62.
Variability in the tuberculin reactions of vaccinated and revaccinated schoolchildren, adolescents, and adults. M. Kopylova. Izv. AN Latv. SSR no. 7:111-114 '62.

TUBERCULOSIS
Amount of sialic acids in the blood serum of normal patients and of patients with pulmonary tuberculosis [with summary in English]. A. TS. Anasashvili. Vop. med. khim. 8 no. 1:35-38 Ja-F '62.
Artificial pneumothorax combined with antibacterial preparations. L. P. Firsova, M. B. Kugel', A. A. Putan. Zdrav. Bel. 7 no. 11:6-7 N '61.
Averbakh, M. M. [Tuberculomas of the lung; their clinical anatomical analysis, pathological anatomy, pathogenesis and classification according to resection materials] Tuberkulomy legkogo; kliniko-anatomicheskii analiz, patologicheskaia anatomiia, patogenez i klassifikatsiia po materialam rezektsii. Moskva, Medgiz, 1962. 341 p. (DNLM)
Catheterization with occlusion of the pulmonary artery as a method for the temporary arrest of pulmonary hemorrhage before pulmonary resection in tuberculosis [with summary in English]. D. A. Natradze, M. I. Perel'man. Khirurgiia no. 1:83-90 '62.
Change in the electrocardiogram in pulmonary tuberculosis during treatment with antibacterial preparations [with summary in English]. S. I. Kovaleva. Sov. med. 26 no. 6:80-86 Je '62.

Clinical roentgenological and pathomorphological analysis of 101 pulmonary tuberculomas [with summary in English]. V. I. Braude, M. I. Perel'man, M. Z. Upiter. Vest. khir. 87 no. 11:67-71 N '61

Collapse therapy in pulmonary tuberculosis in old age. A. L. Brodskii, D. I. TSimmerinov. Sov. med. 26 no. 10: 105-108 O '62.

Compounds with potential antitubercular activity. Part 5 Certain derivatives of 5-phenyl-2-oxazolecarboxylic acid. T. P. Sycheva, T. Kh. Trupp, M. N. Shchukina. Zhur. ob. khim. 32 no. 11:3666-3669 N '62.

Compounds with potential antitubercular activity. Part 6: Amidoximes, amidrazones, and S-oxides of thioamides of some heterocyclic acids. T. P. Sycheva and others. Zhur. ob. khim. 32 no. 11:3669-3674 N '62.

Derivatives of furan. Report No. 28: Some thiosemicarbazones and semicarbazones of the furan series as possible antituberculosis drugs. A. L. Mndzhoian and others. Izv. AN Arm. SSR. Khim. nauki 15 no. 4:391-397 '62.

Ftiological role of Mycobacterium tuberculosis, types bovinus and avium in the incidence of tuberculosis in human beings. R. V. Tuzova. Zdrav. Bel 7 no. 11:7-9 N '61

Late results of pleurectomy in tuberculous empyema [with summary in English]. N. I. Bondar', L. P. Rymko. Sov. med. 26 no. 10:76-76 O '62.

Lovin, G. S. [Surgical treatment of pulmonary tuberculosis; an aid for the practicing physician] Operativnoe lechenie bol'nykh tuberkulezom legkikh; v pomoshch' prakticheskomu vrachu. 2. perer. i dop. izd. Minsk, Gos. izd-vo BSSR. Red. nauchno-tekhn. lit-ry, 1962. 274 p. (DNLM)

Method and results of separate bronchospirometry in patients with chronic tuberculous empyema [with summary in English]. Z. F. Kalandadze. Khirurgiia no. 1: 96-103 '62.

Mironov, F. F. [Physical culture in the control of tuberculosis] Fizicheskaia kul'tura v bor'be s tuberkulezom. Moskva, Medgiz, 1962. 37 p. (Nauchno-populiarnaia meditsinskaia literatura) (DNLM)

Morphological state of the liver in tuberculosis and some lung diseases according to data from the Department of Pathological Anatomy of the Republic Clinical Hospital for 1956 to 1960. M. A. Churaina. Zdrav. Turk. 6 no. 2:13-17 Mr-Ap '62.

Organization of surgical aid for pulmonary tuberculosis in a rural locality. I. E. Bruker. Zdrav. Tadzh. 8 no. 4:0-12 Jl-Ag '62.

Organization of surgical treatment of pulmonary tuberculosis. G. S. Lovin, G. N. Burmistrova. Zdrav. Bel. 8 no. 7:16-17 Jl '62.

Pulmonary resection in patients with tuberculosis and bronchial asthma. V. S. Severev, B. S. Kibrik. Khirurgiia no. 1:107-109 '62.

Resection of the lung in tuberculosis; according to data from a hospital for disabled World War II veterans. I. L. Druian. Zdrav. Bel. 8 no 2 13-15 F '62.

"Segmental and subsegmental pulmonary resection in tuberculosis patients" by N. I. Gerasimenko. Reviewed by N. V. Putov, S. N. Sokolov. Vest. khir. 87 no. 11: 127-129 N '61

Selective angio-pneumonography as a functional diagnostic method in surgery for pulmonary tuberculosis [with summary in English]. M. Z. Upiter. Khirurgiia no. 1: 88-93 '62.

Shchupak, N. B. [Extrapulmonary tuberculosis in the clinic for internal diseases] Vnelegochnyi tuberkulez v klinike vnutrennikh zabolevanii. Leningrad, Medgiz, 1962. 190 p. (DNLM)

Significance of the examination of bronchial secretions following bronchography in determining bacillosis in tuberculous patients. N. M. Kliptsan. Zdrav. Bel. 7 no. 11:11-12 N '61.

Some problems in managing the postoperative period following resection of the lungs for tuberculosis. Zdrav. Kazakh. 22 no. 6:13-17 '62.

Some problems of extrapleural plombage in pulmonary tuberculosis [with summary in English]. V. A. Konstantinov, V. P. Kazin. Sov. med. 26 no. 10:67-70, O '62.

Study of the effect of some derivatives of cyanocarboxylic acids on tuberculostatic activity and its dependence on the chemical structure of the compounds [with summaries in English and German]. K. Medne and others. Izv. AN Latv. SSR no. 4:131-138 '62.

Use of a mixed intra-extrapleural pneumothorax in treating cavitary pulmonary tuberculosis [with summary in English]. T. A. Katushenok. Vest. khir. 87 no. 11: 52-57 N '61.

TUBERCULOSIS—COMPLICATIONS AND SEQUELAE

Surgical treatment of chronic tonsillitis and adenoids in children and adolescents suffering from tuberculosis [with summary in English]. G. B. Podgaetskii. Zhur. ush., nos. i gorl. bol. 22 no. 2:50-54 Mr-Ap '62.

TUBERCULOSIS—HOSPITALS AND SANATORIUMS

New sanatorium for patients with tuberculosis of the organs of the urogenital system. L. P. Kratzel'burd Urologiia 27 no. 4:27-28 Jl-Ag '62.

TUBERCULOSIS—PREVENTION

Make a greater effort in tuberculosis control. M. N Lomako. Zdrav. Bel. 7 no 11 3-5 N '61.

Out-of-town seminars. T. Komar. Zdrav. Bel 7 no 11: 69-70 N '61.

Republic conference on the control of tuberculosis. A. A. Akhundov, S. O. Ovezov Zdrav Turk 6 no. 2:47 Mr-Ap '62.

TUFF see subdivision under Volcanic ash, Tuff, etc.

TUKAYEVSKIY DISTRICT—EVENING AND CONTINUATION SCHOOLS

Youth sat down to study. A. Sharipov Nar obr. no 12 79-81 D '62

TULA—FIREARMS INDUSTRY

Oruzheinyi zavod, Tula. [Tula Gun Factory, 1712-1962] Tul'skii oruzheinyi zavod, 1712-1962. [Tula, Tul'skoe knizhnoe izd-vo, 1962] 31 p. illus.

TULA—SEWING MACHINES

Oruzheinyi zavod, Tula. [Tula Gun Factory, 1712-1962] Tul'skii oruzheinyi zavod, 1712-1962. [Tula, Tul'skoe knizhnoe izd-vo, 1962.] 31 p. illus.

TULA PROVINCE—BUMBLEBEES

Some data on the nestling and behavior of bumblebees (Hymenoptera, Bombus) [with summary in English]. D. V. Panfilov, L. V Zimina Biul MOIP, Otd. biol 67 no 3:38-44 My-Je '62.

TULA PROVINCE—EDUCATION, COOPERATIVE

Technical school as a patron of a plant. L. Podlepina, M. Gorbacheva. Sred. spets. obr. 9 no 10,43-45 O '62.

TULAREMIA

(see also subdivision under Orenburg Province, Polesye)

Tularemic psychoses and their treatment. F. I. Grudev Zdrav. Kazakh. 22 no. 6:30-33 '62.

TULAREMIA—PREVENTIVE INOCULATION

Allergic reaction to vaccination against tularemia. D. M Dalmatov. Sov. med. 26 no. 10:127-128 O '62.

TULEEV, ASKAR

Success of a Kirghiz composer I Vyzgo Sov muz 26 no 9:0-12 S '62

TULIPS see subdivision under Kirghizistan

TUMORS

All-Union conference on pigmented and vascular tumors. A. A. Tade, T. D. Kostiukova, I. A. Milovidova. Vest. oft. no. 1:85-87 '62.

Mechanism of the action of serotonin on tumors. Protection of active groups of 5-oxytryptamine from oxidation in the body [with summary in English]. E. Ch. Pukhal'skaia. Vop. med. khim. 8 no. 1:42-47 Ja-F '62.

Radiation lesions in children as a result of treating malignant and benign tumors [with summary in English]. K. A. Moskacheva and others. Med. rad. 7 no. 7:38-45 '62.

Role of endocrine regulation disorders in the development of tumors [with summary in English]. R. E. Kavetskii, N. M. Turkevich. Vop. onk. 8 no. 6:81-89 '62.

Some co-enzymes of respiration and glycolysis in tumor cells treated with antisera [with summary in English]. V. I. Agol, E. A. Vladimirtseva. Vop. med. khim 8 no. 1:64-67 Ja-F '62.

TUNDRAS

Tikhomirov, B. A. [Treelessness of the tundra, its causes and ways of overcoming it] Bezles'e tundry, ego prichiny i puti preodoleniia. Moskva, Izd-vo Akad. nauk SSSR, 1962. 87 p.

TUNGSTATES

X-ray diffraction study of saturated aqueous solutions of tungstates. A. A. Babad-Zakhriapin, IU. F. Berezkina. Zhur. ob. khim. 32 no. 11:3474-3476 N '62.

TUNGSTEN

Adsorption of barium atoms on tungsten. IA. P. Zingerman, V. A. Ishchuk. Fiz. tver. tela 4 no. 8:2212-2213 Ag '62.

Electrostatic electron emission from tungsten in a wide range of current densities. I. I. Gofman. Fiz. tver. tela 4 no. 8:2005-2014 Ag '62.

TUNGSTEN—SPECTRA

Spectrum analysis of tungsten in chromium-tungsten-manganese steel by means of the FES-1 photoelectric flaw detector. E. D. Kosheleva, P. F. Lokhov. [Sbor. trud.] Nauch.-issl. inst. met. no. 4:178-180 '61.

TUNGSTEN—TESTING

Effect of temperature on the hardness and the modulus of longitudinal elasticity of tungsten and molybdenum (20 - 2,700°). G. S. Pisarenko, V. A. Borisenko, IU. A. Kashtalian. Porosh. met. 2 no. 5:79-83 S-O '62.

TUNGSTEN—THERMAL PROPERTIES

Energy of the formation of vacancies and their concentration in tungsten IA. A Kraftmakher, P. G. Strelkov. Fiz. tver. tela 4 no. 8 2271-2274 Ag '62.

TUNGSTEN ORES see subdivision under Caucasus

TUNGUSES see subdivision under Katangskiy District

TUNGUSKA, NIZHNYAYA see Lower Tunguska Valley

TUNGUSKA VALLEY, PODKAMENNAYA see Podkamennaya Tunguska Valley

TUNNELING see subdivision under United States

TUNNELS—MAINTENANCE AND REPAIR

Dandurov, M. I., and N. M. Korol'kov. [Maintenance and reconstruction of tunnels] Soderzhanie i rekonstruktsiia tonnelei. Moskva, Transzheldorizdat, 1962. 185 p.

TURBIDITY

Turbidity currents. L. V. Poborchaia. Okeanologiia 2 no. 5:849-863 '62.

TURBINES

Current work of the Central Committee for Heavy Industry on turbomachinery research. V. V. Semov. Energomashinostroenie 8 no. 10:39, 43 O '62.

Experimental study of a centripetal turbine stage with $\frac{u}{c_0}$ > 1 values. M S Prikhod'ko Izv vys ucheb zav., energ 5 no 10:64-71 O '62.

Shubenko-Shubin, L. A. [Special turbines] Unikal'nye turbiny. Moskva, Izd-vo "Znanie," 1962. 32 p. (Novoe v zhizni, nauke, tekhnike. IV Seriia: Tekhnika, no 23)

Use of a heat resistant E1765 alloy for bonding components. IA. L. Voinich, N. A. Kravchenko. Energomashinostroenie 8 no. 10:37 O '62.

TURBODRILLS see subdivision under Chechen-Ingush A. S. S. R.

TURBOGENERATORS

Conference on horizontal-shaft hydraulic turbine-generator units. R. P. Strong. Energomashinostroenie 8 no. 10:43 O '62.

Hydrostatic rise of shafts in radial bearings. I. IA. Tokar' and others. Vest. elektroprom 33 no. 7:57-60 Jl '62.

Kriyoshein, D. I. [Experience in the installation of 150 Mw. turbogenerators] Iz opyta montazha turboagregatov moshchnost'iu 150 Mvt. Moskva, Orgenergostroi, 1962. 36 p. (Iz opyta energeticheskogo stroitel'stva)

TURBOMACHINES

Distribution of velocities in the blade passage of the rotor wheel of a centrifugal turbomachine. V. V. Pak Izv. vys. ucheb. zav., energ. 5 no. 10 101-105 O '62.

TURBULENCE

Theory of turbulence in inhomogeneous flows. E. M. Khazen Dokl AN SSSR 147 no. 1:60-63 N '62.

TURKESTAN—ADMINISTRATIVE LAW

Land and water questions and the tax policy of the tsarist government according to the "Rules for the administration of the Turkestan region" of the year 1886. L. Shukurova. Nauch. rab. i soob. Otd. obshchestv. nauk AN Uz. SSR 4:225-232 '61.

TURKESTAN—COMMERCE—SINKIANG

Commercial relations between Turkestan and Sinkiang, 1850-1917. E. M. Mamedova. Nauch. rab. i soob. Otd. obshchestv. nauk AN Uz. SSR 4,363-370 '61.

TURKESTAN—EDUCATION

Activities of the soviets in Turkestan in the field of culture during the period of the establishment of Soviet rule, 1921-1924 D. Allamuradov Obshchestv nauki v Uz. 6 no. 9:54-57 '62.

TURKESTAN—HISTORY

Valuable materials on the history of Turkestan in the colonial period. M. IUnuskhodzhaeva. Nauch. rab. i soob. Otd. obshchestv. nauk AN Uz. SSR 4:447-454 '61.

TURKESTAN—REVOLUTION, 1917-1921

"Turkestan in the period of the intervention and civil war, 1918-1920" by M. Kh. Nazarov. Reviewed by G. Khidoiatov, R. Nurullin Obshchestv. nauki v Uz. 6 no. 9:66-68 '62.

TURKESTAN—SOVIETS

Jurisdiction and work of local soviets of the Turkestan S. S. R., 1917-1924. A. Kadyrov. Nauch rab. i soob. Otd. obshchestv. nauk AN Uz. SSR 4:102-170 '61.

TURKEY—ARMY

Infantry division of the Turkish Army (as revealed by the foreign military press) A. Bulgakov. Voen. vest. 42 no. 5 118-121 My '62.

TURKEYS see subdivision under Ukraine

TURKIC LANGUAGES—VOWELS

Some types of phonetic boundary signs in the Turkic and Bantu languages [with summary in English, pp 228-229] G P Mel'nikov Nar Az i Afr no 6 126-141 '62

TURKMEN see subdivision under Mary Province

TURKMEN—RELIGION

Some remnants of pre-Mohammedan rites and religious beliefs among the inhabitants of southwestern Turkmenistan S M Demidov Trudy Inst ist , arkheol i etn AN Turk SSR 6;183-219 '62

TURKMEN—TRIBAL GOVERNMENT

Desintegration of the tribal land and water communes among the Turkmen-Nokhurtsy in the late 19th and early 20th centuries, G P Vasil'eva Trudy Inst ist , arkheol i etn AN Turk SSR 6,220-243 '62

TURKMENISTAN—ACARINA

Acarida in Turkmenistan, A. V. Bakhaeva Izv AN Turk SSR Ser. biol nauk no. 5 72-79 '62

TURKMENISTAN—AGRICULTURE

History of the agriculture of the northern Turkmen in the early 20th century G E Markov Trudy Inst ist , arkheol i etn AN Turk SSR 6 262-289 '62.

TURKMENISTAN—AUXILIARY POLICE

Muradov, Ata [Voluntary policemen] Narodnye druzhiny. Ashkhabad, Turkmengosizdat, 1961. 34 p.

TURKMENISTAN—BARLEY

First find of a wild six-rowed barley T. Kh. Bakhteev. Izv AN Turk SSR, Ser. biol. nauk no 5:86-89 '62

TURKMENISTAN—BOTANICAL SOCIETIES

Activity of the Turkmen Branch of the All-Union Botanical Society (October 1958-April 1962). V V Nikitin Izv. AN Turk. SSR, Ser. biol nauk no 5 95-96 '62.

TURKMENISTAN—CONJUNCTIVA—SURGERY

Immediate results of operations for trachoma carried out in rural areas of Turkmenistan M S Mertsalin, A. B. Berdyev. Trudy Turk nauch -issl. trakh inst. 6 21-24 '60

Our experience in organizing surgical treatment for patients with complicated forms of trachoma under the conditions of collective cotton farms in Turkmenia M S. Mertsalin, A. B Berdyev Trudy Turk nauch -issl trakh inst 6,17-20 '60

TURKMENISTAN—CONJUNCTIVITIS

Results of the control of epidemic conjunctivitis in Turkmenistan R L. Grigor'iants Trudy Turk nauch -issl. trakh inst. 6;123-125 '60

TURKMENISTAN—CONJUNCTIVITIS, GRANULAR

Some historical premises about the possible ways for the introduction of trachoma into Turkmenistan. D. G. Iomudskaia Trudy Turk nauch -issl trakh inst. 6: 61-75 '60.

State of the limbal region in trachoma in rural areas of Turkmenistan. N. N Nurmamedov Trudy Turk.nauch. -issl. trakh. inst. 6:25-39 '60.

Study of Prowazek's bodies in the population at a focus of trachoma in a rural area of Turkmenistan S K Karanov, N. I. Zatulina, I P. Knak Trudy Turk nauch. -issl. trakh. inst 6 53-59 '60.

TURKMENISTAN—COTTON—VARIETIES

Maksimenko, I. K. [Soviet fine-fiber cotton 8763I, a new variety] Novyi sort sovetskogo tonkovoloknistogo khlopchatnika 8763I. Ashkhabad, Izd-vo Akad. nauk. Turkmenskoi SSR, 1961. 41 p. (DNAL)

TURKMENISTAN—ELECTRIC PROSPECTING

Magnetotelluric sounding in central Turkmenia G N. Anishchenko and others. Izv. AN SSSR Ser geofiz. no. 11;1651-1658 N '62.

TURKMENISTAN—GEOLOGY, STRATIGRAPHIC

Yelchilek series, stratigraphy and genesis (southeastern Turkmenia). G. I. Amurskii Uch. zap. SAIGIMSa no. 5:3-18 '61.

TURKMENISTAN—METEORS

Results of studying telescopic meteors in Turkmenistan during the International Geophysical Year and International Geophysical Cooperation. K. A Liubarskii, I N. Latyshev. Trudy fiz.-tekh. inst. AN Turk. SSR 8 125-174 '62.

TURKMENISTAN—OIL FIELDS—PRODUCTION METHODS

Shakharov, S. Sh. [Oil and gas of Turkmenia] Neft', gaz Turkmenii. Ashkhabad, Turkmengosizdat, 1962. 125 p.

TURKMENISTAN—PARASITES—POULTRY

Helminths of domestic birds in Turkmenistan. V. V. Kibakin. Izv. AN Turk. SSR. Ser. biol. nauk no. 5:93-94 '62.

TURKMENISTAN—PUBLIC HEALTH

Basic tasks in health protection for the population of Turkmenistan in light of the historic decisions of the 22d Congress of the CPSU. D N. Nepesov. Zdrav. Turk. 6 no. 2 3-7 Mr-Ap '62.

TURKMENISTAN—PUBLIC HEALTH—CONGRESSES

Conference of the active public health workers of Turkmenistan Zdrav. Turk 6 no 2 8-12 Mr-Ap '62

TURKMENISTAN—SOLAR ENGINES

Technical and economic bases for using solar refrigerators in Turkmenistan R. Bairamov, O N. Erpyleva, K. Taganov. Trudy fiz. -tekh. inst. AN Turk. SSR 8 57-74 '62.

TURKMENISTAN—STOCK AND STOCKBREEDING

Stockbreeding among the Tekke in the Akhala Valley in the second half of the 19th century. V Konig. Trudy Inst. ist., arkheol i etn AN Turk. SSR 6,214-261 '62

Stockbreeding in northwestern Turkmenia in the late 19th and early 20th centuries Annadurdy Orazov Trudy Inst ist , arkheol i etn. AN Turk SSR 6;290-303 '62

TURKMENISTAN—SUNFLOWERS

Sunflower culture in Turkmenistan. S. O. Ovezmuradov. Izv. AN Turk. SSR. Ser biol. nauk no. 5;52-56 '62.

TURKMENISTAN—SUNSHINE

Duration of sunshine in individual regions of Turkmenistan A Kaksabaev, K. Taganov. Trudy fiz. -tekh. inst. AN Turk. SSR 8 49-56 '62.

TURKMENISTAN—WORMS, INJURIOUS AND BENEFICIAL

Helminths of domestic birds in Turkmenistan, V. V. Kibakin Izv. AN Turk. SSR. Ser. biol nauk no 5;93-94 '62.

TURNING

Baranovskii, M. A., and A. V. Molochkov. [Lathe operator's manual] Spravochnik tokarja. Minsk, Gosizdat BSSR, 1962. 491 p.

TURPENTINING see subdivision under Siberia, Ural Mountain region

TUVA A.S.S.R.—TENT CATERPILLARS

Attraction of the moths of the tent caterpillar Dendrolimus sibiricus Tschetv (Lepidoptera, Lasiocampidae) by ultraviolet light. I. A Teraskov, N. G. Kolomiets. Ent. oboz. 41 no. 2 308-309 '62.

TUYMAZY REGION—PETROLEUM

Composition and properties of transformer oil distillates from Tuymazy petroleum. N G. Kalantar, V. I. Glazunov, V. S Mannafova. Khim i tekh. topl. i masel 7 no. 5 43-49 My '62.

TUYMAZY REGION (BASHKIRIA)—PETROLEUM—REFINING

Timashev, A. T. [Practice of cleaning equipment at petroleum prerefining installations in fields of the Oil Field Administration of the Tuymazy Petroleum Trust] Opyt chistki apparatov na ustanovkakh po podgotovke nefti na promyslakh NPU "Tuimazaneft'." Ufa, Bashkirskoe knizhnoeizd- vo, 1962. 51 p.

TWIST DRILLS—STANDARDS

[Metal-cutting tools; drills and centering tools] Rezhushchii instrument, sverla i tsentrovochnyi instrument Izd. ofitsial'noe. Moskva, Standartgiz, 1962. 67 p. (SSSR. Gosudarstvennye standarty)

2,4-D

Effect of the herbicide 2, 4-D in irrigated lands [with summaries in English, German, and French] M. A Kozin. Vest sel'khoz nauki 7 no 9.51-55 S '62.

Effect of the herbicide 2, 4-D on the protein nitrogen content in barley, corn, and millet grain. V. A. Alabushev. Fiziol rast. 9 no. 3:372-375 '62.

TYMPANAL ORGAN

Clinical anatomy of the tympanic sinus (sinus tympanicus). A. A. Sarafian. Trudy Erev. med. inst. no. 11.141-142 '60.

TYMPANAL ORGAN—SURGERY

Characteristics of the healing of trepanation wounds following tympanoplasty using a free skin transplant [with summary in English] N. D. Rastopchin Zhur ush., nos. i gorl. bol. 31 no 6.18-22 N-D '61.

Results of tympanoplasty operations from materials of an ear, nose and throat clinic. K. G. Shukurian, Z. M. Narimanov. Trudy Erev. med. inst. no. 11:369-371 '60.

TYMPANIC MEMBRANE

Morphology of the terminal acceptor apparatus of the mucous membrane of the tympanic cavity. N. A. Nadzharian. Trudy Erev. med. inst. no. 11:353-359 '60.

Thermal reactivity of the mucous membrane of the tympanic cavity as an extralabyrinthine peripheral factor of the caloric reaction of the vestibular apparatus. N. A. Nadzharian, Z. M. Narimanov. Trudy Erev. med. inst. no. 11.361-367 '60.

TYPEWRITING

Typewriting school, lesson No. 3. B. Berezin Nauka i zhizn' 29 no. 5 106-107 My '62.

TYPHOID FEVER

(see also subdivision under Kiev)

Clinical aspects and treatment of typhoid fever from the data of a rural district hospital. M. P Sedlovets, M. S. Zakharova. Sov. med. 26 no. 6;86-92 Je '62.

Comparative evaluation of the uninterrupted and 2-cycle methods of antibiotic therapy in typhoid-paratyphoid diseases [with summary in English]. P. I. P'iankov. Sov. med. 26 no. 10 54-58 O '62.

Detection of typhoid fever during the incubation stage in a female mental patient. M. E. Spaga. Zhur. mikrobiol., epid. i immun. 32 no 12;111-114 D '61

Importance of vegetables and fruits in the epidemiology of abdominal typhus G. R Azizov Zhur. mikrobiol. epid. i immun. 32 no. 12;118-119 D '61

Methods of immunotherapy increasing the effectiveness of treatment with antibiotics of typhoid fever and dysentery [with summary in English]. K. V. Rumi [illegible] 26 no 6;41-52 Je '62.

TYPHOID FEVER—PREVENTION see subdivision under Tajikistan

TYPHOID FEVER—PREVENTIVE INOCULATION

Study of the immunological effectiveness of the typhoid component of polyvaccine from the Scientific Research and Experimental Sera Biological Institute. M. F. [illegible] M. L. Kuz'minova, Kh. M. Slavina. Trudy [illegible] 6;245-250 '61

TYPHUS FEVER

Reactivity of the RES elements of white mice during intraperitoneal infection with exanthematous typhus E. IA. Shtengold. Trudy TashNIIVS 6 175 '61

TYRNY-AUZ REGION—ORE DEPOSITS

Primary halos of dispersion around the Glavnyy ore body of the Tyrny-Auz deposit Liu In-tsiang [Liu Ying-chun]. Vest. Mosk un Ser. 4 Geol 17 no 4 43 S-O '62

TYULENIY ISLAND—SEALS (ANIMALS)

Behavior of old fur seal bulls during the harem period [with summary in English]. V. A. Bychkov, S. V. Dorofeev. Zool. zhur 41 no. 9 1433-1434 S '62

TYUMEN' PROVINCE—OIL WELL DRILLING FLUID

Industrial production of well rigs V. V. Sokolovskii Neftianik 7 no. 4.7 Ap '62.

UCHALY REGION—BLASTING

Improving boring and blasting operations in the Uchaly Mine. N. I. Okhrimenko and others. Gor. zhur [illegible] 39-40 Je '62.

UDDER—MICROBIOLOGY

Bactericidal properties of the udder. G. I. Artamo. Zhivotnovodstvo 23 no. 2:87 F '61.

UDMURT A.S.S.R.—ELECTION LAW

Udmurt A. S. S. R. Laws, statutes, etc. [Statute on elections to district, city, village, and settlement soviets of workers' deputies in the Udmurt A. S. S. R. Adopted by decree of the Presidium of the Supreme Soviet of the Udmurt A. S. S. R., October 3, 1950 With amendments introduced by decrees of the Presidium of the Supreme Soviet of the Udmurt A. S. S. R., December 11, 1954 and January 5, 1959] Polozhenie o vyborakh v raionnye, gorodskie, sel'skie i poselkovye Sovety deputatov trudiashchikhsia Udmurtskoi ASSR. Utverzhdeno Ukazom Prezidiuma Verkhovnogo Soveta Udmurtskoi ASSR ot 3 oktiabria 1950 goda, s izmeneniiami i dopolneniiami, vnesennymi Ukazami Prezidiuma Verkhovnogo Soveta Udmurtskoi ASSR on 11 dekabria 1954 goda i ot 5 ianvaria 1959 goda. Izhevsk, Udmurtskoe knizhnoe izd-vo, 1961. 30 p

[MICROFILM

UDMURT A.S.S.R.—HISTORY

Sadkov, M. A. [Some problems in the history of the Udmurt A. S. S. R.] Nekotorye voprosy istorii Udmurtskoi ASSR. Izhevsk, Udmurtskoe knizhnoe izd-vo, 1960. 94 p.

[MICROFILM]

UEL'KAL'—SPARROWS

Passer ellia ilaca, a new bird genus and species to the U. S. S. R. [with summary in English] V L. Akkel' Zool. zhur. 41 no. 9.1433 S '62.

UFA—ORE DRESSING—EQUIPMENT AND SUPPLIES

New equipment manufactured by the Ufa factory. G. A Shmarov. Gor. zhur. no. 9;68-69 Je '62.

UFA REGION—WOODY PLANTS

Morphological and physiological analysis of the annual life cycle of woody plants. L. I. Sergeev, K. A. [illegible] eva. Trudy Ufim. gos. zap. no. 8;131-144 '61.

UFALEY RANGE—NICKEL ORES

Pelletizing Ufaley deposit nickel ores with subsequent roasting. F. F. Kolesnikov, A. S. Konareva. [illegible] Nauch. -issl. inst. met. no. 4;54-62 '61.

UFIMTSEV, ANATOLII GEORGIEVICH, 1880-1936

A shaft to heaven; an essay. A. Shamaro. Nauka i zhizn' 4 no. 10;20-24 O '62.

UKHTA REGION—PETROLEUM GEOLOGY

Efficiency of field geophysical and geochemical methods in the productive sediments of the Zapadnyy Tebuk field. V. I. Gunenko, V. I. Silvkov, V. I. Shepturov. Razved. i okhr. nedr 28 no. 10.20-26 O '62.

UKRAINE—AGRICULTURAL WORKERS

The nature of hired labor in the manorial estates of the right-bank Ukraine in the first half of the 19th century. A. Z. Barabol. Ukr. ist. zhur. 6 no. 4;125-126 Jl-Ag '62.

UKRAINE—AGRICULTURE

Distribution and specialization of agriculture in the Ukrainian S S R I. N Romanenko Visnyk sil'hosp nauky 5 no 5 4-14 My '62

UKRAINE—AGRICULTURE—ACCOUNTING

The future belongs to machine accounting L. S Zernov Uchet i fin v kolkhoz, i sovkhoz, 19 no. 7, 13-15 Jl '62.

UKRAINE—AGRICULTURE, COOPERATIVE

From the history of cooperative agriculture. P. M Denysovets', Ukr. ist zhur 6 no 5 104-106 S-O '62

UKRAINE—APPLE SCAB

Dynamics of the development of scab on the leaves of different varieties of apple I I Bilous Nauk. pratsi Ukr. nauk. -dosl. inst sad no 37 84-86 '60

Methods of observing and estimating the spreading of scab and the damage caused by it to different varieties of apple and pear. I. I Bilous Nauk. pratsi Ukr. nauk. -dosl. inst sad no 37:102-114 '60

Studying new fungicides in controlling the apple scab O. V, Ioniteva, Nauk. pratsi Ukr. nauk. -dosl. inst. sad. no. 37:89-93 '60.

UKRAINE—APRICOT—DISEASES AND PESTS

Some data on studying the biology of the fungus Clasterosporium carpophilum (Lév.) Aderh. in the south of the Ukraine. A K. Vasyl'kova Nauk. pratsi Ukr. nauk -dosl inst. sad no. 37:98-101 '60.

UKRAINE—ARBITRATION AND AWARD

From the practice of arbitration agencies. Rad pravo no. 6 135-137 N-D '62.

How to improve the review of the decisions of province arbitration agencies S. Dudnyk, V. Lutai Rad. pravo no 6 117-120 N-D '62.

UKRAINE—BEEF CATTLE BREEDING

Meat quality of young Red Steppe cattle and crosses of Santa Gertrudis, dairy type Shorthorns and zebus A. E. Mokeev, P. N Butnaia Zhivotnovodstvo 22 no 2-29-33 F '60

UKRAINE—BERRIES—DISEASES AND PESTS

Zonal system of measures for controlling pests and diseases of fruit and berry plantations in the Ukrainian S. S. R. Nauk. pratsi Ukr. nauk. -dosl. inst. sad. no. 37:115-124 '60

UKRAINE—BIBLIOGRAPHY

"V. I. Lenin on the Ukraine; a bibliographical guide" by V. P. Tytarenko. Reviewed by P. M Shmorhun. Ukr. ist. zhur. 6 no. 4:129-130 Jl-Ag '62.

UKRAINE—BIRDS

Volnatovs'kyi, M. A., and O. D. Kistiakivs'kyi. [Classification key to the birds of the Ukrainian S. S. R.] Vyznachnyk ptakhiv URSR. Vyd. 2. Kyiv, Radians'ka shkola, 1962. 370 p.

UKRAINE—BOARDING SCHOOLS

Current problems of the further development of the new type schools. IU Hrytsai, M Rudenko, F. Tymoshenko. *Rad. shk. 41 no. 11:65-70 N '62.*

UKRAINE—BOTANY—YEARBOOKS

Ukrains'ko botanichne tovarystvo. [Yearbook of the Ukrainian Botanical Society] Shchorichnyk. Kyiv, Vydvo Akad. nauk URSR.
Vol. 3. 1962. 130 p.

UKRAINE—CANKER (PLANT DISEASE)

Bacterial blight or canker of stone fruits and measures for its control A. K. Vasyl'kova. Nauk. pratsi Ukr. nauk. -dosl. inst. sad. no. 37:76-83 '60.

UKRAINE—CARPOCAPSA

Spreading of the pear moth Carpocapsa pyrivora Dan. and damages caused by it in the orchards of the Ukraine. A. V. Olifer. Nauk. pratsi Ukr. nauk. -dosl. inst. sad no. 37:44-47 '60.

UKRAINE—CARPOCAPSA—EXTERMINATION

Some biological characteristics of the pear moth Carpocapsa pyrivora Dan. and preparation of measures for its control. O. S. Matvitieva's'kyi. Nauk. pratsi Ukr. nauk. -dosl. inst. sad. no. 37:48-52 '60.

UKRAINE—CATTLE—FEEDING AND FEEDS

Effectiveness of feeding urea and ammonium bicarbonate in the form of liquid feed mixtures. V A. Kaplan and others Visnyk sil'hosp nauky 5 no. 6 77-83 Je '62.

Some problems in using urea in animal husbandry. I. F. Tkachev Visnyk sil'hosp. nauky 5 no. 6:60-70 Je '62

UKRAINE—CATTLE BREEDING

Lines of Lebedin cattle and its breeding. O. IU. IAtsenko Visnyk sil'hosp. nauky 5 no 5:56-63 My '62

UKRAINE—CHERRY FRUIT FLY—EXTERMINATION

Improving methods for controlling the cherry fruit fly. O. S. Matvitieva's'kyi. Nauk. pratsi Ukr. nauk. -dosl. inst. sad. no. 37:60-63 '60.

UKRAINE—CITIES AND TOWNS

Postwar historiography of Soviet Ukrainian cities. A. V. Santsevych. Ukr. ist. zhur. 6 no. 4:104-110 Jl-Ag '62.

UKRAINE—CLASTEROSPORIUM

Some data on studying the biology of the fungus Clasterosporium carpophilum (Lév.) Aderch in the south of the Ukraine. A. K Vasyl'kova. Nauk pratsi Ukr nauk. -dosl inst sad no 37 98-101 '60

UKRAINE—CLIMATOLOGY, MEDICAL—CONGRESSES

Ukrainian Republic Conference on Climatotherapy. V. G. Boksha, IA M. Bershitskii Vop. kur., fizioter. i lech. fiz. kul't. 27 no. 2:181-183 Mr-Ap '62.

UKRAINE—COAL MINES AND MINING

The reorganization of the operating Donets Basin mines is the most important stage in the expansion of the Ukrainian coal mining industry M. P Nyrtsev. Ugol' prom no. 5:3-7 S-O '62

UKRAINE—COCKCHAFERS—EXTERMINATION

Effect of organic and mineral fertilizers on the toxicity and duration of the action of hexachloran. O. S. Matvitievs'kyi Nauk pratsi Ukr. nauk -dosl inst. sad no. 37:17-24 '60.

UKRAINE—COMMERCE

Role of the Ukraine in Russian foreign trade, from 1860 to 1900. I. O. Hurzhyi. Ukr. ist zhur 6 no. 5:35-47 S-O '62.

UKRAINE—COMMUNIST PARTY OF THE SOVIET UNION

Consolidation of the district organizations of the Ukrainian party apparatus, 1953-1958. L. P. Kuzhukalo. Ukr. ist. zhur. 6 no. 5:48-58 S-O '62.

Restoration and consolidation of party organizations in the Ukraine in 1945-1953. V. I. IUrchuk. Vop. ist. KPSS 6 no. 6:74-87 '62.

UKRAINE—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

How Ukrainian party organizations intensified their mass political work among collective farmers, 1934-1937 N. I. Tkach. Ukr. ist. zhur. 6 no 4:41-51 Jl-Ag '62

Let's develop new features in party work on the guidance of public education Z. D. Illiashenko Rad shk 41 no 11 15-17 N '62

UKRAINE—COMMUNITY AND SCHOOL

Educational work in extracurricular institutions of the republic M. L. Pikhulia, Z. S. Skobieteova Rad shk 41 no. 11:73-77 N '62

UKRAINE—COMPOST

Effectiveness of manure and composts prepared by various methods in the wooded-steppe of the right-bank area of the Ukrainian S. S. R T IA Bisovetskii Agrobiologiia no 5:737-741 S-O '62

UKRAINE—CONSTRUCTION INDUSTRY

In the State Committee on Construction of the Ukrainian S S. R Biul stroi. tekh. 19 no. 5 33-35 My '62

Results of the competition for the best residential and public buildings erected in 1961 S Tutuchenko Stroi i arkhit 10 no. 10 1-5 O '62

UKRAINE—CORN (MAIZE)

Intertillage of corn as practiced in the left-bank forest-steppe of the Ukrainian S. S R L O Marchenko Visnyk sil'hosp nauky 5 no 5 22-26 My '62

Practices of growing corn with wider interrows in the south of the Ukraine M F Sukhomlyn Visnyk sil'hosp nauky 5 no 6 49-52 Je '62

Sample topics for experimenting with corn in the steppes of the southern Ukraine E. Pinskver, V. Vozniakova Shkola i prolzv. 6 no. 5:95 My '62

UKRAINE—CORN (MAIZE)—FERTILIZERS AND MANURES

Effect of the date of the application of manure on the potato and corn yields. O I Kolosha, N N Dziubenko Visnyk sil'hosp. nauky 5 no 5 91-93 My '62

UKRAINE—CORN (MAIZE)—IRRIGATION

Physiological estimation of irrigation dates for corn O L Zaporozhchenko Visnyk sil'hosp nauky 5 no 5 27-30 My '62.

Two crops from irrigated areas. A. G. Shapoval, M. N Khudenko. Zemledelie 24 no. 6 34-36 Je '62

UKRAINE—CORRESPONDENCE SCHOOLS AND COURSES

Establishment of correspondence education in the Ukraine, 1928-1932 O M Filippov Rad. shk 41 no. 11:83-86 N '62.

Fruits of a good friendship. V. I. Khizhniak, V N. Naumov Sred. spets. obr 9 no 8 38-41 Ag '62

UKRAINE—COWS—FEEDING AND FEEDS

Microelements increase the milk yield of cows. S. V. Panova Visnyk sil'hosp nauky 5 no 5 114-117 My '62

UKRAINE—CRAYFISH

Artificial cultivation of river crayfish as a perfect way of reproducing its stock. S. IA. Brodskii. Vop. ekol. 4:94-95 '62.

UKRAINE—CROWN-GALL DISEASE

Crown gall of fruit plants and measures for its control O. V. Isaieva. Nauk. pratsi Ukr. nauk. -dosl. inst. sad. no. 37:64-75 '60.

UKRAINE—CUCUMBER BREEDING

Biological elements of the yield of some hybrid cucumbers L F Molokoedova Visnyk sil'hosp nauky 5 no 6 106-110 Je '62

UKRAINE—CUCUMBERS

Shchetbakova, H. S., and H. R. Tytarenko. [Cucumbers] Ohirky. Kyiv, Derzhsil'hospvydav URSR, 1961. 95 p. (Bibliotechka ovochevoda)
(DNAL)

UKRAINE—CULTURE

"History of Ukrainian culture" by M. I Marchenko. Reviewed by N IE. Rohozin, H IA. Holenchenko Rad shk. 41 no. 10 84-86 O '62

"History of Ukrainian culture from the ancient period to the middle of the 17th century" by M. I Marchenko Reviewed by K. P. Shevchenko Ukr ist zhur. 6 no 4: 133-135 Jl-Ag '62.

UKRAINE—DAIRY CATTLE—DISEASES AND PESTS

Stachybotryotoxicosis of cattle I O Izmailov Visnyk sil'hosp nauk. 5 no 5 72-76 My '62

UKRAINE—ECONOMIC CONDITIONS

"The development of commodity production and trade in the Ukraine from the late 18th century to 1861" by I. O. Hurzhii. Reviewed by D. Virnyk Komm. Ukr *38 no. 10:90-94 O '62.*

Friendship among the peoples of the U. S. S. R. and their cooperation in the reconstruction and development of the Ukrainian national economy, 1943-1950 M O Buta'ko, V. M. Taranenko Ukr ist zhur 6 no 4:15-25 Jl-Ag '62

In the new family of free nations Ukraina no 23 4-5 D '62.

UKRAINE—ECONOMIC POLICY

[Along the wide path of the seven-year plan] Shyrokym shliakhom semyrichky. L'viv, Knyzhkovo-zhurnal'ne vyd-vo. 1960 132 p

UKRAINE—ECONOMICS

New studies on the history of economic theories. S M Zlupko Ukr ist zhur 6 no 5,95-99 S-O '62

UKRAINE—EDUCATION

"Early history of Soviet Ukrainian culture, 1917-1920" by I D Zolotoverkhyi Reviewed by S K Hutians'kyi Ukr ist zhur 6 no. 5 125-128 S-O '62.

Forty-fifth October in school life K A Kolosova Rad. shk 41 no 11 3-6 N '62

Let's develop new features in party work on the guidance of public education. Z. D. Illiashenko Rad shk 41 no. 11:15-17 N '62

UKRAINE—EDUCATION, ELEMENTARY

Elementary education P Kh Maksymets', Rad. shk. 41 no. 10 33-37 O '62.

UKRAINE—EFFICIENCY, INDUSTRIAL

Development of the creative initiative of Ukrainian workers during the third five-year plan. S M Syrtsova. Ukr. ist. zhur. 6 no. 5 58-68 S-O '62.

UKRAINE—EGGPLANT

Soltanovs'ka, H. O. [Peppers and eggplant] Perets' i baklazhany. Kyiv, Derzhsil'hospvydav URSR, 1961. 92 p. (Bibliotechka ovochevoda)
(DNAL)

UKRAINE—EROSION

Irrigation erosion of soil in the Ukraine. A S Skorodumov Priroda 51 no 11 114-116 N '62

UKRAINE—EXCAVATING MACHINERY

Using excavating machinery depots in canal construction in the Ukraine. G. Bocharnikov, A. Zhukov. Ekon. *stroi. no. 11:72-73 N '62.*

UKRAINE—FARM MANURE

Effectiveness of manure and composts prepared by various methods in the wooded-steppe of the right-bank area of the Ukrainian S S R T IA. Bisovetskii Agrobiologiia no 5 737-741 S-O '62

UKRAINE—FIELD CROPS—FERTILIZERS AND MANURES

Effect of mineral fertilizers on the yield of farm crops as related to the time and methods of application. P O Dmytrienko Visnyk sil'hosp nauky 5 no 5 36-48 Je '62

Effectiveness of watering drained peat soils during the application of potassium fertilizers at various rates O V Skrypnyk Visnyk sil'hosp nauky 5 no 6 110-111 Je '62

UKRAINE—FLAX

Blue field Vladimir Elagin. IUn. nat. no 10:35-36 O '62

UKRAINE—FOREIGN RELATIONS

How the Ukraine defends peace L IUrchenko. Ukraina no. 23 10 D '62.

UKRAINE—FOUNDING

Mylko, S. N., and V. S. Tarasovych. [New developments in foundry practice in the Ukraine] Nove u lyvarnomu vyrobnytstvi Ukrainy. Kyiv, Derzhtekhvydav URSR, 1962. 31 p.

677117 O - 63 - 17

UKRAINE—FRUIT—DISEASES AND PESTS

Achievements in the field of the protection of fruit and berries against pests and diseases P. P. Savkova'kyi. Nauk pratsi Ukr nauk -dosl inst, sad no. 37:3-5 '60.

Coccidae in the orchards of the Ukrainian forest-steppe and Polesye and measures for their control I. D. Povzun. Nauk pratsi Ukr. nauk. -dosl inst sad no 37 28-43 '60

Crown gall of fruit plants and measures for its control. O V Isaieva. Nauk pratsi Ukr nauk -dosl. inst sad no 37 64-75 '60.

Early spring spraying in controlling the brown orchard mite. A V Olifer Nauk pratsi Ukr nauk. -dosl, inst sad no. 37 25-27 '60

The new poisonous chemicals DDD and perthane in controlling fruit pests. V V Shcherbakov Nauk. pratsi Ukr. nauk -dosl inst sad no 37 5-9 '60.

Zonal system of measures for controlling pests and diseases of fruit and berry plantations in the Ukrainian S S R Nauk. pratsi Ukr. nauk -dosl inst sad. no 37 115-124 '60.

UKRAINE—FRUIT—VARIETIES

New varieties of fruit plants in the Ukrainian S.S.R. Trudy MOIP. Otd. biol. 4 335-447 '61.

UKRAINE—FRUIT CULTURE—RESEARCH

Results and tasks of research work on fruit culture in the light of the resolutions of the 22d Congress of the CPSU A I Shepil's'kyi Visnyk sil'hosp nauky 5 no 6 53-61 Je '62

UKRAINE—FUEL

Akademiia nauk URSR, Kiev, Rada po vyvchenniu produktyvnykh syl. [Complete utilization of Ukrainian solid fuels] Kompleksnoe ispol'zovanie tverdykh topliv Ukrainy. Kiev, Izd-vo AN USSR, 1962. 287 p

UKRAINE—FUSARIUM

Using Trichoderma against the fusarium infection of watermelons IE IE Fomin, V I Tymchenko Visnyk sil'hosp nauky 5 no 5 95-98 My '62

UKRAINE—GARLIC

Tkachenko, F. A. [Onions and garlic] TSibulia i chasnyk. Kyiv, Derzhsil'hospvydav URSR, 1961. 75 p. (Bibliotechka ovochevoda)
(DNAL)

UKRAINE—GAS, NATURAL

Akademiia nauk URSR, Kiev. Rada po vyvchenniu produktyvnykh syl. [Development of the Ukrainian gas industry] Razvitie gazovoi promyshlennosti Ukrainy. Kiev, Izd-vo Akad. nauk USSR, 1962. 274 p.

UKRAINE—GRAIN—HARVESTING

Field tests of the ZHRB-4, 8 electrified reaper. S I Petruchenia, M I Vereskun. Visnyk sil'hosp. nauky 5 no. 6:27-31 Je '62.

UKRAINE—GREENS, EDIBLE

Hrushko, M. F. [Edible greens] Zelenni ovochevi kul'tury. Kyiv, Derzhsil'hospvydav URSR, 1961. 64 p. (Bibliotechka ovochevoda)
(DNAL)

UKRAINE—GYMNASTICS

A third champion from the Ukraine. V. Volodin. Ukraina no 23 28-29 D '62

UKRAINE—HISTORICAL LIBRARIES

Work of the Historical Library of the Ukrainian S S. R. I. L. Makarenko, P. I. Zhevakhov Ukr ist zhur. 6 no 5:147-148 S-O '62

UKRAINE—HISTORIOGRAPHY

Historical studies on the Ukrainian home guard during the War of 1812 B S Abalikhin Ukr ist zhur. 6 no. 5 99-103 S-O '62

Postwar historiography of Soviet Ukrainian cities. A. V. Santsevych. Ukr ist. zhur. 6 no 4 104-110 Jl-Ag '62.

UKRAINE—HISTORY

Interpretation of Ukrainian history in the periodicals "Voprosy istorii" and Istorila S. S. R." after the 20th Congress of the CPSU. M I. Horiach, L. V. Olifiryk. Ukr ist. zhur. 6 no. 4:93-101 Jl-Ag '62.

Myshko, D. I. Severyn Nalyvaiko. Kyiv, Radians'ka shkola, 1962. 113 p.

UKRAINE—HISTORY—SOURCES

A group studying the sources of history and auxiliary historical fields. N. F. Vradii. Ukr. ist. zhur. 6 no. 4:164-163 Jl-Ag '62

UKRAINE—HISTORY—STUDY AND TEACHING

History cannot be taught descriptively. O. Havrylenko Rad. shk. 41 no. 10.89-91 O '62.

UKRAINE—HOURS OF LABOR

Bandurko, H. E. [Reduction of the workday is the great achievement of socialism] Skorochennia robochoho dnia - velyke zavoiuvannia sotsializmu. Kyiv, Derzhpolitvydav URSR, 1962. 41 p.

UKRAINE—INDUSTRIES

Nesterenko, O. O. [Industrial development in the Ukraine] Razvytok promyslovosti na Ukraini. Kyiv, Vyd-vo Akad. nauk URSR.
Part 2. [Economic preparations for the Great October Socialist Revolution; factory and plant production] Ekonomichna pidhotovka Velikoi Zhovtnevoi sotsialistychnoi revoliutsii; fabrychno-zavods'ko vyrobnyt - stvo. 1962. 578 p.

New collections of source materials concerning the history of Ukrainian industrial enterprises. I. I. Kolomiichenko. Ukr. ist. zhur. 6 no. 4:110-113 Jl-Ag '62.

A review of studies devoted to the history of Ukrainian industrial plants and factories. B. A. Blokh, P. T. Rushchenko, N. P Chirkov. Ist. SSR 6 no. 6 140-148 N-D '62.

We are building communism today. Ukraina no 23-12-13 D '62

UKRAINE—IRRIGATION

Irrigation erosion of soil in the Ukraine A S Skorodumov. Priroda 51 no. 11 114-116 N '62

UKRAINE—IRRIGATION FARMING

Agriculture in irrigated areas of the Ukraine. A I. Gorskii Zemledelie 24 no. 6 11-22 Je '62.

UKRAINE—LABOR AND LABORING CLASSES

Conditions of and objectives for studying the history of the Ukrainian laboring classes. F. IE. Losi', O S. Rudlat. Ukr. ist. zhur. 6 no. 5 87-91 S-O '62.

UKRAINE—LANGUAGE AND LANGUAGES—CONGRESSES

In Gorlovka. IU. M. Brainin Inostr. iaz. v shkole no. 4 120 Jl-Ag '62

UKRAINE—LAW

New legislative enactments Rad. pravo no. 8 136-141 N-D '62.

UKRAINE—LUPINE

Sowing forage lupine along with oats for green fodder and grain. IU IU. Stokova'kyi Visnyk sil'hosp. nauky 5 no 5 98-101 My '62

UKRAINE—MANUAL TRAINING

On the criteria and norms of industrial training grades. O K. Koval'ov. Rad. shk. 41 no 10:22-27 O '62.

UKRAINE—MINES AND MINERAL RESOURCES

Akademiia nauk URSR, Kiev. Instytut geologii korysnykh kopalyn, Lvov. [Materials on the geology and geochemistry of minerals of the Ukraine; papers delivered at the First Conference of Young Geologists in spring of 1961] Materialy z geologii ta geokhimii korysnykh kopalyn Ukrainy; zbirnyk naukovykh dopovidei Pershoi konferentsii molodykh spetsialistiv, shcho vidbulas' vesnoiu 1961 r. Kyiv, Vyd-vo Akad. nauk URSR, 1962, 174 p.

UKRAINE—MITES—EXTERMINATION

Early spring spraying in controlling the brown orchard mite A V. Olifer. Nauk. pratsi Ukr. nauk. -dosl, inst. sad no. 37:25-27 '60

UKRAINE—MUSEUMS

"Experience in the work of Ukrainian museums; collected articles." Reviewed by A. O. Vvedens'kyi. Ukr. ist. zhur. 6 no. 4:150 Jl-Ag '62

UKRAINE—MUSHROOM CULTURE

Chermnykh, L. M. [Champignon culture] Kul'tura shampin'ioniv. Kyiv, Derzhsil'hospvydav URSR, 1961. 63 p. (Bibliotechka ovochevoda)
(DNAL)

UKRAINE—NUT TREES

Nut groves B. M. Makhmet, M. I. Shendrykov, I V. Aharkov Visnyk sil'hosp nauky 5 no 5 50-55 My '62

UKRAINE—OAK

Use of the red oak Quercus borealis Michx in afforestation in the Ukraine. B. I Lobhinov, I N Ilchel'a'kyi Visnyk sil'hosp nauky 5 no. 5 15-49 My '62

UKRAINE—OATS

Sowing forage lupine along with oats for green fodder and grain. IU IU Stokova'kyi Visnyk sil'hosp. nauky 5 no 5-98 101 My '62

UKRAINE—ONIONS

Tkachenko, F. A. [Onions and garlic] TSibulia i chasnyk. Kyiv, Derzhsil'hospvydav URSR, 1961. 75 p. (Bibliotechka ovochevoda)
(DNAL)

UKRAINE—PARASITES—DUCKS

Anthelmintic effectiveness of cestodocide in hymenolepiasis of waterfowl O. O Shevtsov Visnyk sil'hosp. nauky 5 no 6-91-97 Je '62

UKRAINE—PARASITES—GEESE

Anthelmintic effectiveness of cestodocide in hymenolepiasis of waterfowl. O O. Shevtsov Visnyk sil'hosp. nauky 5 no. 6:91-97 Je '62

UKRAINE—PEAR—DISEASES AND PESTS

Methods of observing and estimating the spreading of scab and the damage caused by it to different varieties of apple and pear. I I Bilous. Nauk. pratsi Ukr nauk. -dosl inst. sad no. 37.102-114 '60.

New fungicides for controlling the brown patch in pears O. P. Vovchenko Nauk. pratsi Ukr. nauk. -dosl inst sad. no 37:94-97 '60.

Some biological characteristics of the pear moth Carpocapsa pyrivora Dan. and preparation of measures for its control. O. S Matyliova'kyi. Nauk pratsi Ukr. nauk -dosl. inst. sad. no. 37 48-52 '60

Spreading of the pear moth Carpocapsa pyrivora Dan. and damages caused by it in the orchards of the Ukraine. A V. Olifer. Nauk. pratsi Ukr. nauk -dosl inst. sad. no. 37.44-47 '60.

UKRAINE—PEAS—DISEASES AND PESTS

Protection of peas against pests in the Ukraine P P Petrukha. Zashch rast ot vred, i bol 7 no. 5:37-39 My '62.

UKRAINE—PEASANTRY

Situation of peasants in the right-bank Ukraine in the second half of the 18th century. Vladyslav Sherekh Ukr. ist. zhur 6 no 4:67-73 Jl-Ag '62.

UKRAINE—PEPPERS

Soltanova'ka, H. O. [Peppers and eggplant] Poretin' i bakhazhany. Kyiv, Derzhsil'hospvydav URSR, 1961. 92 p. (Bibliotechka ovochevoda)
(DNAL)

UKRAINE—PHARMACY—STUDY AND TEACHING

From the history of the Ukrainian institutions of higher education. O. P. Vlasov, I. IU. Ivanov. Ukr ist zhur 6 no. 5 107-109 S-O '62.

UKRAINE—PHONORECORDS

"Ustynka and gramophone records." Ukraina no. 22:25 N '62

UKRAINE—PLANTS, PROTECTION OF

In the Ukraine. G. A. Volokhin. Zashch. rast. ot vred i bol. 7 no. 3:6-8 Mr '62

Work and plans of Ukrainian airplane pilots M O Kuznetsov, A I. Leppik. Zashch. rast. ot vred i bol 7 no 5.14-16 My '62.

UKRAINE—PLANTS, PROTECTION OF—CONGRESSES

Conference in Sumy I. E. Pilipushko. Zashch. rast. ot vred, i bol. 7 no. 3 61-62 Mr '62

UKRAINE—POLITICS AND GOVERNMENT

Mel'nychuk, IU. S. [With the language of the heart, articles, pamphlets, humoresques] Movoiu serdtsia, statti, pamfloty, humoresky. Kyiv, Derzhlitvydav Ukrainy, 1962. 339 p.

Role of the Soviet Ukraine in the establishment of the Union of the S. S R. B Babii Rad pravo no 6 3-15 N-D '62

UKRAINE—POPLAR

Methods for determining the economic effectiveness of establishing plantations using fast-growing species V S Bondar Visnyk sil'hosp nauky 5 no 5:81-89 My '62

UKRAINE—POTATOES—FERTILIZERS AND MANURING

Effect of the date of the application of manure on the potato and corn yields O I Kolodna, N N Dzhulkevska Visnyk sil'hosp. nauky 5 no 5.91-93 My '62

UKRAINE—POULTRY—FEEDING AND FEEDS

Biological value of chicken meat and eggs using various rations H. F Briazkun Visnyk sil'hosp. nauky 5 no. 5 121-123 My '62.

UKRAINE—POULTRY BREEDING

Developing meat-producing lines of dual-purpose chicken breeds. Report No. 1. I. S. Skuratov. Nauk. pratsi Ukr. nauk. -dosl. inst. ptakh. 9 no. 1:30-36 '61.

UKRAINE—POULTRY BREEDS

Comparative studies of Poltava chickens. T. S. Len'. Nauk. pratsi Ukr. nauk. -dosl. inst. ptakh. 9 no. 1:22-29 '61.

Productive qualities of various chicken breeds at the "Borki" Research Station. M. H. Kurilkov. Nauk. pratsi Ukr. nauk. -dosl. inst. ptakh. 9 no. 1:13-21 '61.

UKRAINE—POULTRY HOUSES AND EQUIPMENT

Economic effectiveness of intensive methods of keeping poultry. M. V. Dukhnova'kyi, S. V. IAstreb, L. M. Fir-sova. Nauk. pratsi Ukr. nauk. -dosl. inst. ptakh. 9 no. 1: 104-112 '61.

Intensive methods of keeping hens. P. I. Chubin. Visnyk sil'hosp. nauky 5 no. 6:98-101 Je '62

Keeping hens in large poultry houses. P. M. Silnaar. Visnyk sil'hosp nauky 5 no 6.102-103 Je '62.

UKRAINE—PRODUCE TRADE

Urgent problems. N. Verchenko. Sov. potreb. koop. 6 no. 7:12 15 Jl '62.

UKRAINE—RELATIONS (GENERAL) WITH CZECHOSLOVAKIA

Petro Vereshchahin's correspondence with his Czechoslovak friends. IA. Fetnia. Ukraina no. 22:23 N '62.

UKRAINE—RELATIONS (GENERAL) WITH FRANCE

Reality is more fascinating than a fairy tale Michel de-Serville. Ukraina no 23 10-11 D '62

UKRAINE—RELATIONS (GENERAL) WITH POLAND

"How the Ukrainian S.S.R. cooperated with the Polish People's Republic, 1944-1960" by I F. Evseev. Reviewed by S. Antoniuk, I. Kundiuba. Komm. Ukr 38 no. 10;88-90 O '62.

UKRAINE—RELATIONS (GENERAL) WITH RUMANIA

Ukrainian contacts with Rumania in the second half of the 19th century. M. A Laslo. Ukr ist zhur. 6 no 5: 114-117 S-O '62

UKRAINE—REVOLUTION, 1917-1921

Aboard the "land-traveling battleships." Olch Vasylev. Ukraina no 23:14-15 D '62.

"Bolshevik organizations of the Ukraine during the establishment and consolidation of the Soviet regime, November 1917-April 1918, collected documents and source materials." Reviewed by M K Kolisnyk. Ukr. ist. zhur. 6 no. 5 118-121 S-O '62.

"Defeat of the directory organized by Ukrainian bourgeois nationalists " I. K. Rybalka. Reviewed by M. I Suprunenko. Ukr ist. zhur. 6 no. 5 121-123 S-O '62

How the Ukrainian Bolsheviks struggled against the military units of General Kaledin, November 1917-February 1918. T. M. Kolisher. Ukr. ist. zhur. 6 no. 5 3-15 S-O '62.

How the Ukrainian Extraordinary Commission struggled against the counterrevolution, 1918-1922. V D. Holtchenko. Ukr. ist. zhur 6 no. 4;52-61 Jl-Ag '62

Inextinguishable lights of fraternal unity. Ukraina no. 23 3 D '62.

Kuz'ma, Oleksa. [October days of 1918] Lystopadovi dni 1918 r. [Vyd. 2.] New York, Nakladom Vydavnychoi Kooperatyvy "Chervona Kalyna," 1960. 443 p. 13 maps. [Fotodruk z 1-ho l'vivs'koho vycherpanoho ta ostatochno bol'shevykamy znyshchenoho vydannia. "]
(CtY)

UKRAINE—ROLLING (METALWORK)

Specialization of rolling mills and the mastering of new economical rolled product shapes in plants of the Ukrainian S.S.R. L. V. Shapiro, V. E. Sveta. Met i gornorud. prom. no. 2;19-23 Mr-Ap '62.

UKRAINE—RURAL ELECTRIFICATION

Effect of main parameters of electric power supply systems on the economic radius of distribution networks. A. IA. Dorkach. Visnyk sil'hosp. nauky 5 no. 6;32-35 Je '62.

UKRAINE—RURAL LIBRARIES

Preserve the honor of librarians! Bibliotekar' no. 11 4-5 N '62.

UKRAINE—RUSSIAN SOCIAL DEMOCRATIC PARTY

Number of the members of the Bolshevik Party in the Ukraine in 1917. IU. M Hamretskyi Ukr. ist. zhur. 6 no. 5;15-23 S-O '62.

UKRAINE—SCALE INSECTS—EXTERMINATION

Coccidae in the orchards of the Ukrainian forest-steppe and Polesye and measures for their control I. D. Povzun. Nauk. pratsi Ukr. nauk. -dosl. inst. sad no. 37;28-43 '60.

UKRAINE—SCHOOL MANAGEMENT AND ORGANIZATION

What a school system should be like? Rad. shk. 41 no. 10;77-83 O '62.

UKRAINE—SCRAP METAL INDUSTRY

Gathering and use of ferrous scrap metal in the Ukrainian S.S.R. A. M. Genesin. Met. i gornorud. prom. no. 2;60-63 Mr-Ap '62.

UKRAINE—SECRET POLICE

How the Ukrainian Extraordinary Commission struggled against the counterrevolution, 1918-1922 V D. Holtchenko. Ukr. ist. zhur. 6 no. 4;52-61 Jl '62

UKRAINE—SHEEP—FEEDING AND FEEDS

Some problems in using urea in animal husbandry I. F. Tkachev. Visnyk sil'hosp nauky 5 no 6 68-76 Je '62

UKRAINE—SHEEP BREEDING

Characteristics of the body conformation and productivity of hybrid sheep produced by crossing French Merino ewes with Lincoln rams. M. I. Mosolov. Visnyk sil'hosp. nauky 5 no. 5 119-121 My '62

UKRAINE—SOIL CONSERVATION

Erosion control in the forest-steppe of the Ukrainian S. S. R. A. S. Skorodumov. Zemledelie 24 no. 10;73-75 O '62.

UKRAINE—SOVIETS

How the deputies of the soviets work in their electoral districts. V. Stadnyk. Rad. pravo no. 6;46-49 N-D '62.

UKRAINE—STOCK AND STOCKBREEDING

Propaganda among stockbreeders. V. Kovtun. Biok. agit [for Ukr.] no. 20;23-32 O '59.

UKRAINE—STONE AGE

Chronology of the settlements of the culture of pitted and tooth-comb decorated pottery in the Ukraine. D. IA. Telegin. Sov. arkheol. 6 no. 4 28-36 '62.

UKRAINE—STONE FRUIT—DISEASES AND PESTS

Bacterial blight or canker of stone fruits and measures for its control A. K. Vasyl'kova. Nauk. pratsi Ukr. nauk -dosl. inst. sad. no 37;76-83 '60.

UKRAINE—STRIP MINING

Development of open-pit operations in the Ukraine N. A. Starikov, N. A. Egorov. Gor. zhur. no. 6;12-14 Je '62.

Experimental checking of the design calculations of the metal structures of mobile transport bridges. E B. Shirochenko and others. Ugol' Ukr. 6 no. 5.13-16 My '62.

UKRAINE—SUGAR BEETS—DISEASES AND PESTS

Effective control measures against the sugar beet weevil. A. V. Kirsanov, V. P. Lobov. Vest. AN SSSR 32 no. 11. 95-96 N '62.

Harmfulness of the virus yellows of sugar beets in the Ukraine V. O. Horiushyn, Z. A Miscvych Visnyk sil'hosp nauky 5 no 5 31-34 My '62

UKRAINE—SWINE—DISEASES AND PESTS

Preparation of polyvalent vaccines against virus diseases of swine I P. Lysenko, O M TSymbal, M Z Kul'bachna Visnyk sil'hosp nauky 5 no 5;77-81 My '62

UKRAINE—TEACHERS, TRAINING OF

In the Ministry of Education of the Ukrainian S. S R. Rad. shk. 41 no. 10 89 O '62.

UKRAINE—TECHNICAL EDUCATION

Reorganizing the work of secondary specialized schools in the Ukrainian S. S. R. IU. N. Dadenkov. Sred. spets. obr. 9 no. 10;1-5 O '62.

UKRAINE—THEATER

Kyselov, I. M. [The play and its performance] P'iesa i vystava. Z., dop. vyd. Kyiv, Derzh. vyd-vo obrazotvorchoho mystetstva i muzychnoi lit-ry URSR, 1962. 37 p. (Bibliotechka z pytan' mystetstva Teatr)

UKRAINE—TOMATOES

Medviedieva, H. S. [Tomatoes] Pomidory. Kyiv, Derzhsil'hospvydav URSR, 1961. 121 p. (Bibliotechka ovochevoda)
(DNAL)

UKRAINE—TOMATOES—IRRIGATION

Development of the tomato root system under various irrigation conditions [with summaries in English, German, and French]. E. M Gorbatenko. Vest sel'khoz. nauki 7 no 9;43-45 S '62

UKRAINE—TRANSPORTATION

Integrated transportation system of the Ukraine. M. M. IAshnik. Zhel. dor. transp. 44 no. 11, 30-33 N '62.

UKRAINE—TURKEYS

Hatching dates of turkeys and their productivity. O. D. Osadchuk. Nauk. pratsi. Ukr. nauk. -dosl. inst. ptakh. 9 no. 1;46-52 '61.

UKRAINE—VEGETABLE GARDENING

Syrotin, M. F. [Root vegetables] Stolovi koreneplody. Kyiv, Derzhsil'hospvydav URSR, 1961. 102 p. (Bibliotechka ovochevoda)
(DNAL)

UKRAINE—VIEWS

Maturity. Ukraina no. 23;16b-16c D '62.

The Ukraine "Republic of two orders of Lenin" has celebrated the anniversary of the October Revolution. Ukraina no. 22;2-3 N '62.

UKRAINE—VISITORS, FOREIGN

Our guests tell us about their impressions. Ukraina no. 23;10-11 D '62.

UKRAINE—VOCATIONAL EDUCATION—EXHIBITIONS

At the regional pedagogical exhibition. H. Voloshchuk, M. Popova'kyi. Rad. shk. 41 no. 10;92-93 O '62.

UKRAINE—WATERMELONS—DISEASES AND PESTS

Using Trichoderma against the fusarium infection of watermelons. IE IE Fomin, V I Tymchenko. Visnyk sil'hosp. nauky 5 no. 5 95-98 My '62

UKRAINE—WATER-SUPPLY ENGINEERING

Using excavating machinery depots in canal construction in the Ukraine. G. Bocharnikov, A. Zhukov. Ekon. stroi. no. 11;72-73 N '62.

UKRAINE—WEEVILS

Effective control measures against the sugar beet weevil. A. V. Kirsanov, V. P. Lobov. Vest. AN SSSR 32 no. 11; 95-96 N '62.

UKRAINE—WHEAT

Characteristics of growing strong wheats in the Ukraine. M. M. Strel'nykova. Visnyk sil'hosp nauky 5 no 5;15-21 My '62.

UKRAINE—WORLD WAR, 1939-1945

From the history of friendly relations among the peoples of the U. S. S. R. during the Great Patriotic War Razak Khudaiberdiev. Ukr. ist. zhur 6 no 4 119-122 Jl-Ag '62.

"Home guard of the Soviet Ukraine" by P. M. Balkovyi. Reviewed by H. IA. Serbilenko Ukr ist. zhur 6 no 4; 142-144 Jl-Ag '62.

UKRAINE, WESTERN—INVESTMENTS, FOREIGN

Foreign capital in the national economy of eastern Galicia in the early 20th century. P. IA. Syroid. Ukr. ist zhur. 6 no 4;61-67 Jl-Ag '62.

UKRAINE, WESTERN—LUPINE

Sowing lupine on stubble as a reliable method for fast increase of the feed supply V H Vol's'kyi, S O Bacheva'kyi Visnyk sil'hosp nauky 5 no 5 35-37 My '62.

UKRAINE, WESTERN—NEWSPAPERS

TS'okh, I. T. [The voice of stormy years] Slovo buremnykh rokiv. L'viv, Knyzhkovo-zhurnal'ne vyd-vo, 1961. 234 p.

UKRAINE, WESTERN—PASTURES AND MEADOWS—FERTILIZERS AND MANURES

Effect of fertilizers on the yield and quality of hay in meadows on peat soils. IA I TSelevych Visnyk sil'hosp nauky 5 no. 5 43-44 My '62

UKRAINE, WESTERN—POLITICS AND GOVERNMENT

Bratun', R. A. [Man spreads his wings; sociopolitical writings] Liudyna rozpravliaie kryla; publitsystyka. L'viv, Knyzhkovo-zhurnal'ne vyd-vo, 1961. 101 p.

UKRAINIAN AUTHORS see Authors, Ukrainian

UKRAINIAN COMPOSERS see Composers, Ukrainian

UKRAINIAN FABLES see Fables, Ukrainian

UKRAINIAN FOLK SONGS see Folk songs, Ukrainian

UKRAINIAN LITERATURE—HISTORY AND CRITICISM

Malaniuk, E. [Logbook; prose] Knyha spostorezhen'; proza. Toronto, Nakl. vyd-va "Homin Ukrainy," 1962. 535 p.

Mandryka, Hanna. [Selected works] Vybrane. Za red. Stefanii Bubniuk i Teodory Havryayshyn. Peredmova Ol'hi Voitsenko. Winnipeg, Nakladom Kom-tu Ukrainok Kanady, 1962. 104 p.

UKRAINIAN POTTERY see Pottery, Ukrainian

UKRAINIANS—ANTHROPOMETRY see subdivision under Kholm District

UKRAINKA, LESIA, 1871-1913

His encounter with Lesia. Taira Sulerko. Ukraina no. 23;9 D '62

ULAN BATOR—LIBRARIES

National library of Mongolia. D. Danzan Bibliotekar' no 11 51-53 N '62.

UL'IANOV, IL'IA NIKOLAEVICH, 1831-1886

"Life dedicated to the people" by T D Korneichik. Reviewed by A. Kondakov Nar. obr. no 11 116 N '62.

ULTRABASITE

Rothstein, A. T. V. [Magmatic facies of ultrabasic igneous rocks of the Toloit series as revealed by the studies of peridotites in Dawros, Connemara (Eire) and Belhelvie, Aberdeenshire (Scotland)] Magmaticheskie fatsii ul'traosnovnykh izverzhennykh porod toleitovoi serii, na primere peridotitov Davrosa, Konnamara (Eire) i Bel'khelvi, Aberdinshaera (Shotlandiia). Moskva, Izd-vo Akad. nauk SSSR, 1962. 42 p. [With summary in English]

ULTRASONIC TESTING

UZDL-61 small size ultrasonic flaw detector for gas-turbine vanes. B. I. Vybornov, K. A. Ogurtsov. Zav. lab. 28 no. 8;997-998 '62.

Ultrasonic control of the thermal treatment of welded steam pipe joints. A. Z. Raikhman. Zav. lab. 28 no. 8, 966-966 '62.

Ultrasonic testing of fatigue fractures in materials. P. V. Ponomarev. Zav. lab. 28 no. 11;1345-1348 '62.

ULTRASONIC WAVES

Absorption of ultrasonic waves in liquids. A. A. Berdyev, M. G. Vasil'eva, N. B. Lezhnev. Trudy fiz.-tekh. inst. AN Turk. SSR 8 18-48 '62.

Effect of ultrasound on the electron spectrum of a crystal. L. V. Keldysh. Fiz. tver. tela 4 no. 8;2265-2267 Ag '62.

Formation and development of crystallization centers in a potassium alum solution placed in an ultrasonic field. A. P. Kapustin, V. E. Kovaltunaite. Kristallografiia 7 no. 4;613-615 Jl-Ag '62.

Khorbenko, I. G. [Sounds in the ocean depths] Zvuki v morskikh glubinakh. Moskva, Voenizdat, 1962. 78 p. (Nauchno-populiarnaia biblioteka voennogo izdatel'stva)

ULTRASONIC WAVES (Continued)

Theory of the amplification of ultrasound by semimetals in electric and magnetic fields [with summary in English] R F Khazarinov, V G Skobov. Zhur eksp i teor fiz 43 no 4 1496-1503 O '62

Ultrasonic cavitation; review. M. G. Sirotiuk. Akust. zhur. 8 no. 3:255-272 '62.

Ultrasonic splitting of the Mossbauer line of absorption in tin oxide $Sn^{119}O_2$ [with summary in English] V. A. Burov, V. A. Krasil'nikov, O IU Sukharevskaia Zhur. eksp i teor fiz 43 no. 4 1184-1185 O '62

Ultrasonic waves and methods of their use in agriculture. V. A. Pavlenko. Visnyk sil'hosp. nauky 5 no 6 13-26 Je '62.

ULTRASONIC WAVES—INDUSTRIAL APPLICATIONS

Bystrov, IU.M. [Use of ultrasonics in electroplating] Primenenie ul'trazvuka v gal'vanicheskikh protsessakh. Leningrad, 1962 20 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom Seriia: Elektricheskie metody obrabotki materialov, no 5)

Effect of ultrasound on oriented crystallization V K Liapidevskii, I. V. Falomkin. Akust zhur 8 no 3:369-370 '62.

Effect of ultrasound on structure formation in primary crystallization. I G. Polotskii, G I Levin Kristallografiia 7 no 4 645-647 Jl-Ag '62

Effect of ultrasound on the process of contact reduction of selenium from aqueous solutions. IU. N. Menzhulin, E. I. Ponomareva. Trudy Inst. met. i obog. AN Kazakh. SSR 5:24-28 '62.

Investigating the process of emulsification in the ultrasonic apparatus. N. I. Kozin, A. A. Smotrin. Izv. vys ucheb. zav. ,pishch. tekh. no 4,53-58 '62.

Size preparation with the use of hydrodynamic generators N. S Banushkin, N. M. IAkovlev, V. V. Doshlygin Tekst prom 22 no 11 67-69 N '62

ULTRASONIC WAVES—PHYSIOLOGICAL EFFECT

Selective effect of ultrasonic waves on the molecular structure of insulin. I E. Elpiner, L. I. Stekol'nikov. Dokl AN SSSR 146 no. 4 929-932 O '62.

ULTRASONIC WAVES—SPEED

Determining the velocity of ultrasonics in reinforced concrete. IU Urzhumtsev Izv AN Latv. SSR no. 4 63-66 '62.

ULTRASONIC WAVES—THERAPEUTIC USE

Experiments supporting the use of ultrasound in gynecology. D. Kamocsay Vop. kur., fizioter. i lech. fiz. kul't. 27 no. 2 131-135 Mr-Ap '62.

Mechanism of the therapeutic effect of ultrasonic vibrations. N. V. Penek. Vop. kur., fizioter. i lech fiz kul't. 27 no 2 135-139 Mr-Ap '62

ULTRASONICS

Ultrasonic densitometer. A A. Isaev, A. S. Khimunin. Akust. zhur. 8 no. 3:308-313 '62

UL'YANOVSK PROVINCE—COLLECTIVE FARMS—INCOME DISTRIBUTION

Funds for paying advances to collective farmers and financial discipline. M. F. Ivanov. Uchet i fin. v kolkhoz. i sovkhoz. 19 no. 11:39 N '62.

UMBELLIFERAE

Cotyledonous tube in species of the Umbelliferae family in southern steppes. I. G. Zoz. Dokl. AN SSSR 146 no. 4:951-953 O '62.

UNDERDEVELOPED AREAS

Cooperation of the world socialist system with underdeveloped countries. G. Prokhorov. Vop. ekon. no. 11:77-86 N '62.

Delusin, L. P. [The world of socialism and the liberation of oppressed peoples] Mir sotsializma i osvobozhdenie ugnetennykh narodov. Moskva, Izd-vo "Znanie," 1962. 39 p. (Novoe v zhizni, nauke, tekhnike. VII Seriia: Mezhdunarodnaia, no. 23)

Monopolist Europe and the developing nations N. Oslpenko. Nov. vrem 20 no 46:12-14 N '62.

Planning methods for the economic development of underdeveloped countries, in reference to the recommendations by the group of experts on programming techniques of the United Nations Economic Commission for Asia and the Far East S. Kopylov, IU Shvyrkov Plan khoz 39 no 11:88-94 N '62

"Underdeveloped countries in the economy of the capitalist world" by V. Rymalov, V. Tiagunenko. Reviewed by A. Milelkovskii. Kommunist 39 no. 17:127-128 N '62.

UNDERDEVELOPED AREAS—ECONOMIC CONDITIONS

Hunger and poverty inherited from colonialism. I. Korkunov. Mezhdunar. zhizn' 9 no. 12:116-120 D '62.

UNDERDEVELOPED AREAS—ECONOMIC POLICY

Liberated countries; ways of development. G. Mirskii. Mezhdunar. zhizn' 9 no. 12:32-38 D '62.

UNDERDEVELOPED AREAS—EDUCATION, HIGHER

Higher education in the newly developing countries. P. Makhalanobis, S. V. Rumiantsev. Vest. vys shkoly 20 no. 11:7-11 N '62.

UNDERGROUND CONSTRUCTION

Central Research and Planning Institute for Underground and Mining Construction of the U S S R. S. P. Mikhalenkov. Izv ASIA 4 no 1 134-135 '62

Institute of Foundations and Underground Construction E P Khalizev. Izv ASIA no. 3 124-125 '62.

UNDERWATER ACOUSTICS

Khorbenko, I. G. [Sounds in the ocean depths] Zvuki v morskikh glubinakh. Moskva, Voenizdat, 1962. 73 p. (Nauchno-populiarnaia biblioteka voennogo izdatel'stva)

UNDERWATER CONCRETE CONSTRUCTION—COLD WEATHER CONDITIONS

Underwater concreting under winter conditions A. K. Formanskii. Prom stroi. 40 no. 9 24-27 '62

UNDERWATER WELDING AND CUTTING

Iron powder coated electrodes for underwater welding. N. M. Madatov. Svar. proizv. no. 8 14-16 Ag '62.

UNDERWEAR

Hygienic evaluation and use of underwear made of chlorin (perchlorovinyl) for therapeutic purposes. K. A. Rapoport. Sov. med. 26 no. 10 110-111 O '62.

UNDRITS, VILHELM FOMICH, 1891-

Vilhelm Fomich Undrits, on his 70th birthday. Zhur. ush., nos. i gorl. bol. 21 no 6 81-82 N-D '61

UNEMPLOYED

Bourgeois theories of unemployment in the service of monopolies. V. Goilo. Vop. ekon. no. 10 66-74 O '62.

UNIFIED FIELD THEORIES

Phenomenological theory of the interaction of electromagnetic and gravitational fields. M. P. Korkina. Ukr. fiz. zhur. 7 no. 1 72-73 Ja '62.

UNION CATALOGS see Catalogs, Union

UNION OF SOVIET SOCIALIST REPUBLICS see Russia

UNITED NATIONS—COMMISSIONS

Planning methods for the economic development of underdeveloped countries, in reference to the recommendations by the group of experts on programming techniques of the United Nations Economic Commission for Asia and the Far East. S Kopylov, IU Shvyrkov Plan khoz 39 no 11 86-94 N '62.

UNITED STATES—ACCOUNTING

Method for the operational control of monetary operations in U. S. A. enterprises. A. Mukhin. Bukhg. uchet 19 no. 10,58-59 O '62.

UNITED STATES—AGRICULTURAL MACHINERY

From foreign periodicals. Sel'. stroi. no. 8:31 Ag '62.

UNITED STATES—AGRICULTURE—STATISTICS

The agricultural statistics of the U S. A. V. I. Sobakinskikh Och. po sovr. sov. i zarub ekon. no. 3 299-310 '62.

UNITED STATES—ANESTHESIOLOGY

Trends in the development of anesthesiology in the U S. A. [with summary in English]. H. K Beecher Vest. khir 87 no 11,101-110 N '61

UNITED STATES—ATOMIC BOMB—TESTING

Poisoners of space. Nov. vrem. 20 no. 39:2 S '62.

UNITED STATES—AUTOMATIC CONTROL

Work of American scientists in the field of automatic control S. F. Kozubova'kyi Avtomatyka 7 no. 5 74-77 '62.

UNITED STATES—BIG BUSINESS

"Financial groups of the U. S. A. and their domination methods" F. A. Novikova. Reviewed by K. Dmitrov. Nauch. dokl. vys. shkoly; ekon. nauki 5 no. 6:117-121 '62.

UNITED STATES—BLAST FURNACES

Investigating the efficiency of using natural gas in the blast furnace process [from "Coke and Gas," no. 207, 1961]. G. D. Mugueva. Met. i gornorud. prom. no. 2: 78 Mr-Ap '62.

UNITED STATES—CANCER RESEARCH

Virological and immunological study of the problem of cancer in the U S. A. P. N. Kostakov. Vop virus. 7 no. 5:633-638 S-O '62.

UNITED STATES—CAPITALISTS AND FINANCIERS

"Financial groups of the U. S. A. and their domination methods" F. A. Novikova. Reviewed by K. Dmitrov. Nauch. dokl. vys. shkoly; ekon. nauki 5 no. 6:117-121 '62.

UNITED STATES—CHEMISTRY, ANALYTICAL

News from abroad. Zav. lab. 28 no. 11:1401 '62.

UNITED STATES—CHEMISTRY, METALLURGIC

News from abroad. Zav. lab. 28 no. 11:1401 '62.

UNITED STATES—COAL

Burning of coal sludge (from "Coal Age," no. 12, 1961; "Mining Journal," no. 6599, 1961). L. S. Matborods, A. M. Grigorash. Ugol' Ukr. 6 no. 8:45 Ag '62.

UNITED STATES—COAL GASIFICATION, UNDERGROUND

Using the method of hydraulic fracturing for the development of coal seams for underground coal gasification (from "Mining Equipment," 11, no 12, 1960). V. Babkin Nauch. trudy VNIIPodzemgaza no. 6 151 '62

UNITED STATES—COAL MINES AND MINING

Reorganization and construction of mines in Great Britain and the U S A. Ugol' prom no 5 79-81 S-O '62.

World's largest mine. A. P. Semenov. Ugol' Ukr. no. 5:17 My '62.

UNITED STATES—COAL PREPARATION

Preparation of fine coals in the U. S. A. N. S. Makarov, V. A. Zhuk Ugol' prom. no. 5, 90-95 S-O '61

UNITED STATES—COMMERCE—AFRICA

American expansion in the countries of Asia and Africa in the 40's-60's of the 19th century [with summary in English, p 225]. N A Khalfin Nar. Az. i Afr. no. 6 67-77 '62

UNITED STATES—COMMERCE—ASIA

American expansion in the countries of Asia and Africa in the 40's-60's of the 19th century [with summary in English, p 225] N A Khalfin Nar. Az. i Afr. no. 6 67-77 '62

UNITED STATES—CONSTITUTIONAL LAW

Old positions and new developments in the political and legal ideology of the U. S. A. IA. M. Berlin Sov. gosudarstvo i pravo 32 no. 11 61-71 N '62

UNITED STATES—COST AND STANDARD OF LIVING

[Two worlds] Dva svitu Uviv, Knyzhkovo-zhurnal'ne vyd-vo, 1960. 173 p.

UNITED STATES—DAIRY INDUSTRY—PRICES

Several forms of the exploitation of small and middle income farmers by the monopolies of the meat and dairy industries in the U. S. A. N. S Zaitsev. Vop. stat. i uchetu no. 5 42-47 '61

UNITED STATES—DESCRIPTION AND TRAVEL

American diaries of A. M. Kollontai, 1915-1916. Published by I. M. Dezhina, R. IA Trivitina Lit. nasl. no. 1:120-139 Ja-F '62.

Burlak, V. O. [Twenty days beyond the ocean] Dvadtsiat' dniv za okeanom. L'viv, Kalnikovo-zhurnal'ne vyd-vo, 1962. 38 p.

UNITED STATES—ECONOMIC CONDITIONS

Scientific and technological progress and the capitalist economy. V. Omelchkin. Mezhdunar. zhizn' 9 no. 12 69-79 D '62.

UNITED STATES—EDUCATION

Across academic America. Z. Mal'kova Nar. obr. no 12,98-104 D '62

"What Ivan knows that Johnny doesn't [in English] by A. S. Trace Reviewed by G. Ioffe Nar. obr. no. 11 123-124 D '62.

UNITED STATES—EDUCATION—EXHIBITIONS

Around academic America Z. Mal'kova Nar. obr. no. 11 101-109 N '62

UNITED STATES—ELECTIONS

Defeat of the American ultra right L. Lopatkin Sov. vrem. 20 no. 47 5-7 N '62.

The "free world" Nov. vrem 20 no 46:19 20 N '62

UNITED STATES—EMIGRATION AND IMMIGRATION

"American immigration" [in English] by M. A. Jones Reviewed by Sh Bogina Sov. etn no 5:173 174 S-O '62.

UNITED STATES—ENGINEERS

A diagram. Biul. nauch.-tekh. inform. [for Ukr.] no. 10:53 O '62

UNITED STATES—ETHNOLOGY

"American immigration" [in English] by M. A. Jones Reviewed by Sh Bogina Sov. etn no 5 173 174 S-O '62.

UNITED STATES—FOREIGN ECONOMIC RELATIONS—AFRICA

Ponomarev, D. K. [The U. S. A. and Africa; U. S. imperialism in the mainstay of colonism of Africa] SShA i Afrika; imperializm SShA - opiot kolonializma v Afrike. Moskva, Izd-vo "Znanie," 1962. 48 p. (Novoe v zhizni, nauke, tekhnike. VII Seriia Mezhdunarodnaia, no. 13)

UNITED STATES—FOREIGN ECONOMIC RELATIONS—BRAZIL

The unmasked "benefactors." O. Ignat'ev. Mezhdunar. zhizn' 9 no. 12 80-88 D '62.

UNITED STATES—FOREIGN ECONOMIC RELATIONS—LATIN AMERICA

Alliance or bondage? V. IEremenko. Ukraina no. 22 28 N '62.

UNITED STATES—FOREIGN RELATIONS

Americans on the aggressive policy of the U. S. Government. Mezhdunar. zhizn' 9 no. 12:143-144 D '62.

UNITED STATES—FOREIGN RELATIONS—AFRICA

Ponomarev, D. K. [The U. S. A. and Africa; U. S. imperialism is the mainstay of colonism in Africa] SShA i Afrika; imperializm SShA - oplot kolonializma v Afrike Moskva, Izd-vo "Znanie," 1962. 48 p. (Novoe v zhizni, nauke, tekhnike. VII Seriia: Mezhdunarodnaia, no. 19)

UNITED STATES—FOREIGN RELATIONS—CUBA

Consolidating the gains. Nov. vrem 20 no. 49:2-3 D '62.

Hands off Cuba! IU. Bochkarev. Nov vrem. 20 no. 39: 3-5 S '62

The negotiations continue B. Izakov Nov vrem. 20 no 46 8-10 N '62

We should preserve peace and ensure the security of nations Agitator no 21 3-5 N '62

UNITED STATES—FOREIGN RELATIONS—GERMANY, WEST

Bonn and Washington. Nov vrem 20 no 48 3 N '62.

UNITED STATES—FOREIGN RELATIONS—JAPAN

An unsuccessful attempt to conclude an imperialist agreement; apropos of the Japanese-American negotiations in 1941. S. L. Budkevich. Krat. soob. Inst. nar. Az. no. 50 3-18 '62.

UNITED STATES—FOREIGN RELATIONS—RUSSIA

Americans and the October Revolution. Harry Freeman Nov vrem 20 no. 46 3-5 N '62

Anti-Soviet policy of the U. S. A. and the Geneva Conference. D. M. Shashova'kyi. Ukr. ist. zhur 6 no 4: 74-81 Jl-Ag '63.

The policy of reasonable compromise. Boris Leont'ev. Nov vrem. 20 no 47 2-4 N '62

UNITED STATES—GROSS NATIONAL PRODUCT

Distribution and utilization of the gross national product in the U. S. A. L. P. Dolotenkova Och po sovr sov i zarub. ekon. no. 3 261-281 '62

UNITED STATES—INCOME

A revolution that did not take place. A. Kashkarov. Nov. vrem. 20 no. 49:20-22 D '62.

UNITED STATES—MEAT INDUSTRY—PRICES

Several forms of the exploitation of small and middle income farmers by the monopolies of the meat and dairy industries in the U. S. A. N. S Zaitsev. Vop stat i ucheta no 5 42-71 '61.

UNITED STATES—MILITARY POLICY

International law through the Pentagon's prism. D. Korovin. Mezhdunar. zhizn' 9 no. 12 3-9 D '62.

Korionov, V. G. [Warmongers] Podzhigateli. Moskva, Gospolitizdat, 1962. 31 p.

UNITED STATES—NEGROES

New York symphony. N. Sergeeva. Nov. vrem. 20 no. 46:26-28 N '62.

One hundred years later. Mezhdunar. zhizn' 9 no. 12: 146-148 D '62.

Two myths about the American Colonization Society [with summary in English, p. 237]. M. IU. Frenkel' Nar. Az. i Afr. no. 6 99-105 '62.

UNITED STATES—NEMATODE DISEASES OF PLANTS

Nematode diseases of farm crops in the U. S. A. N. M. Sveshnikova. Zashch. rast. ot vred. i bol 1 no 6: 52 N-D '60.

UNITED STATES—PIPELINES—WELDING

Combine for the production of welded pipe in field conditions (from "Oil and Gas Journal," December 1961). V. S. Volodin. Svar. proizv. no. 3:42-44 Ag '62.

UNITED STATES—PLANT DISEASES—RESEARCH

Control of plant diseases in the U. S. A. D. I. Rukavishnikov. Zashch. rast. ot vred. i bol 1 no 6 50-52 N-D '59.

UNITED STATES—PLASTER CASTS, SURGICAL

First use of Pirogov's bandage in America. N. A. Oborin. Klin. khir. no 8, 83-84 Jl '62

UNITED STATES—POLITICS AND GOVERNMENT

"A nation of sheep" [in English] by William J. Lederer. Reviewed by A. IAkovlev. Mezhdunar. zhizn' 9 no. 12: 131-133 D '62.

UNITED STATES—POLITICAL SCIENCE

Old positions and new developments in the political and legal ideology of the U. S. A. IA. M. Bel'son. Sov. gos. i pravo 32 no. 11:64-73 N '62.

UNITED STATES—PRESTRESSED CONCRETE

Prestressed concrete in the U. S. A. (from "Bauingenieur," no. 7, 1961). L. A. Lazarevich. Bet. i zhel.-bet. 8 no. 11:523-527 N '62.

UNITED STATES—PSYCHOLOGY, MILITARY

Military psychology in the United States. N. Fedenko. Voen. vest. 42 no. 5:122-123 My '62.

UNITED STATES—QUACKS AND QUACKERY

Descendants of the quack Latan. O. Liubov'kyi. Znan. ta pratsia no. 9:30 S '62.

UNITED STATES—RAILROADS—ROLLING STOCK CLEANING

Cleaning of rolling stock parts and equipment in the United States I. I. Karavaev. Zhel dor transp 41 no 11 87-89 N '62

UNITED STATES—RELATIONS (GENERAL) WITH FOREIGN COUNTRIES

"A nation of sheep" [in English] by William J. Lederer. Reviewed by A. IAkovlev. Mezhdunar. zhizn' 9 no. 12 131-133 D '62.

UNITED STATES—RELATIONS (GENERAL) WITH RUSSIA

Some results of the visit of the American entomologic delegation to the U. S. S. R. I. IA. Poliakov Zashch rast ot vred i bol 4 no 6 56-57 N-D '59

"There are many new things!" An American news photographer talks about his trip to the U. S. S. R. (P. Hickey) Sov. foto 22 no. 10, 45 O '62

Thoughts and deeds of the ordinary Americans. Blok. agit. [for Ukr.] no. 30:38-10 O '59.

UNITED STATES—RELATIONS (GENERAL) WITH LATIN AMERICA

Coercing a continent. A. Leontiev. Nov. vrem. 20 no. 39:12-15 S '62.

UNITED STATES—RESEARCH

IAtsiuk, A. L. [Science which serves the people, and science which is a servant of monopolies] Nauka sluzhit narodovi, i nauka - prysluzhnytsia monopolii. L'viv, Knizhkovo-zhurnal'ne vyd-vo, 1962. 43 p. (Na dopomohu propagandystam i agitatoram)

UNITED STATES—RESTAURANTS, LUNCHROOMS, ETC.—EQUIPMENT AND SUPPLIES

Conveyor lines for food and dishes. Obshchestv pit. no. 10 62-63 O '62.

UNITED STATES—RUSSIAN STUDIES

American falsifiers of the history of the anti-Soviet intervention S. Kaplin. Voen - ist zhur 4 no 11 59-68 N '62

UNITED STATES—SOCIALIST PARTY

American diaries of A. M. Kollontai, 1915-1916. Submitted by I. M. Dazhina, R. IA. TSivina. Ist. arkh. 8 no. 1, 128-150 Ja-F '63.

UNITED STATES—SPACE FLIGHT

Six turns of Walter Shirra. Av i kosm. 45 no. 11 77 '62.

UNITED STATES—TUNNELING

Cutting a tunnel with a hydraulic rig (from "Contractors and Engineers," no. 3, 1962) N. N. Erashov Prom stroi. 40 no 9, 64-3 of cover '62.

UNITED STATES—WELDING

Welding in the U. S. A. and in the Federal German Republic. A. A. Bukovoi, V. I. Snezhko. Avtom svar. 15 no 10 87-94 O '62

UNITED STATES—YOUTH

Mitrokhin, L. N. [American mirages] Amerikanskie mirazhi. [Moskva] Molodaia gvardiia, 1962. 317 p.

UNITIZED CARGO SYSTEM

Economic efficiency of package transportation of piece goods in the merchant marine. V. I. Kraev. Trudy TSNIIMF no. 20:81-88 '60.

UNITS

SI, a new international unit system. G. D. Burdun, N. I. Tiurin. Nauka i zhizn' 29 no. 5, 20-27 My '62.

International system of units. N. V. Kalashnikov, L. R. Stotskii. Stal' 22 no. 9:859-861 S '62.

International system of units. N. V. Kalashnikov, L. R. Stotskii. Zav. lab. 28 no. 8, 1018-1021 '62.

International unitary system. N. V. Kalashnikov, L. R. Stotskii. Neftianik 7 no. 4:31-32 Ap '62

UNITS—STUDY AND TEACHING

International unit system in a physics school course. L. I. Reznikov. Fiz. v shkole 22 no. 2:25-34 Mr-Ap '62.

UNIVERSE see Cosmogony

UNIVERSITIES AND COLLEGES see subdivision under Leningrad

UNIVERSITIES AND COLLEGES—GRADUATE WORK

Let's have a greater concern for the training of young scientists. V. I. Atroshchenko, A. N. Rabinovich, G. M. Gorodinskii. Vest. vys. shkoly 20 no. 11:45-52 N '62.

UNIVERSITY AND COLLEGE LIBRARIES see Libraries, University and college

UNJUST ENRICHMENT

This will help to prevent the selling of motorcars for unreasonable prices. P. Mots. Rad. pravo no. 5: 123 N-D '62.

UNSAPONIFIABLE MATTER

Sulfatization of aliphatic alcohols from unsaponifiable-II by chlorosulfonic acid. V. I. Babaev, N. I. Bazhenova, M. D. Zavistovskaia. Masl.-zhir. prom. 28 no. 7, 23-24 Jl '62.

UNSATURATED COMPOUNDS

Chemistry of unsaturated ethers Part 16. Telomerization of 1-alkoxy-1, 3-dienes with acetals of unsaturated aldehydes. S. M. Makin, I. N. Rozhkov, V. S. Sutiskova Zhur. ob. khim 32 no 10 3166-3170 O '62

Chemistry of vinylethynylcarbinols S. A. Vartanian. Usp. khim. 31 no 10 1137-1151 O '62

Condensation of unsaturated carboxylic acids with N-alkyl- and N-phenyl-o-aminophenylthiols L. K. Mushkalo, N. IA. Kozlova Ukr. khim. zhur. 28 no. 8, 960-962 '62

Esters of unsaturated phosphinic acids M. I. Kabachnik, Chzhan Zhun-lui [Chang Jung-yu], E. N. Tsvetkov Zhur. ob. khim 32 no 10 3351-3350 O '62.

URACIL

Methyluracil. O. Mikeš, IA. Turkova, F. Sorm. Zhur. ob. khim 32 no. 10 3462 O '62

Reply to the comments by O. Mikeš, IA. Turkova and F. Sorm. N. A. Poddubnaia and others. Zhur. ob. khim. 32 no. 10 3462-3463 O '62

Strumous effect of methylthiouracil in rats in partial decortication of the cerebrum I. I. IVanova, P. A. Vunder. Probl. endok. i gorm. 8 no. 1:45-50 Jl-Ag '62.

URAL MOUNTAIN REGION—ARCHAEOLOGY—CONGRESSES

The Third Archaeological Conference of the Urals. E. E. Kuz'mina. Sov. arkheol 6 no. 1 306-309 '62

URAL MOUNTAIN REGION—CHEMICAL LABORATORIES

At the Central Complex Laboratory of the Ural Geological Administration. A. V. Shein, N. D. Gutin, A. I. Vershinina. Zav. lab. 28 no. 8 1013-1014 '62.

URAL MOUNTAIN REGION—CONSTRUCTION INDUSTRY

The Ural Branch of the Academy. IU. D. Fedotov Izv. AS\A i no. 1 128 '62.

URAL MOUNTAIN REGION—GEOLOGY, STRATIGRAPHIC

New data on the stratigraphy of ancient formations in the Lemva structural-facies zone. V. N. Gesse. Mat. po geol. i pol. iskop. Sev.-Vost. Evrop. chasti SSSR no. 2 3-6 '62.

Stratigraphy of ancient formations in the western slope of the Polar Urals. M. N. Parkhanov. Mat. po geol. i pol. iskop. Sev.-Vost. Evrop. chasti SSSR. no. 2:7-16 '62.

URAL MOUNTAIN REGION—MACHINERY INDUSTRY

Main problems in the specialization of machinery manufacturing in the Urals I. A. Serdiuk Och. po sovr. sov i zarub ekon no 3 69-86 '62.

URAL MOUNTAIN REGION—METALLURGICAL RESEARCH

At the Urals Research Institute of Ferrous Metals N. F. Dubrov and others. Stal' 22 no. 9 812, 854 S '62.

URAL MOUNTAIN REGION—OIL FIELD BRINES

Krotova, V. A. [Hydrogeological factors in the formation of oil fields and exemplified by the cis-Ural region] Gidrogeologicheskie faktory formirovaniia neftianykh mestorozhdenii (na primere Predural'ia). Leningrad Gos. nauchn.-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, Leningr. otd-nie 1962. 327 p (Leningrad. Vsesoiuznyi neftianoi nauchno-issledovatel'skii geologorazvedochnyi institut. Trudy, no. 191)

URAL MOUNTAIN REGION—PEASANTRY

History of the peasant migration to the Ural Mountain region in the early 20th century. E. I. Gerasimova. Izv. AN Kazakh. SSR, Ser. ist., arkheol. i etn. no. 3: 77-87 '62.

URAL MOUNTAIN REGION—SILVERSMITHING, BYZANTINE

Byzantine vessel from the southern Ural Mountain region. V. V. Kropotkin. Krat. soob. Inst. arkheol. no. 87:65-68 '62.

URAL MOUNTAIN REGION—TRANSPORTATION, AUTOMOTIVE

The joy of being creative is incomparable. V. Mogila. Avt. transp. 40 no. 10:11-12 O '62.

URAL MOUNTAIN REGION—TURPENTINING

Akademiia nauk SSSR, Ural'skii filial, Sverdlovsk, Institut biologii. [Ways for expanding the sources of resin supply in the forests of the Urals and Siberia] Puti rasshireniia syr'evoi bazy podsochki lesov Urala i Sibiri. Sverdlovsk, 1960. 161 p. [MICROFILM]

URAL MOUNTAIN REGION—WHEAT

Nature of form development in spring wheat in the southern trans-Ural region. V. K Riub. Agrobiologiia no. 5: 692-695 S-O '62.

URAL MOUNTAINS—BORING

Methods of calculating the zone of undercutting in ore body with a borehole. B. Z. Sultanov. Izv. vys. ucheb. zav., gor. zhur. 5 no. 6:3-7 '62.

URAL MOUNTAINS—BOTANY—ECOLOGY

Rhythm of seasonal development in plants of the Polar Urals [with summary in English]. I. G. Serebriakov. Biul. MOIP. Otd. biol. 67 no 3:65-81 My-Je '62.

URAL MOUNTAINS—CLIMATE

Geograficheskoe obshchestvo SSSR Ural'skii filial [Climate of the Urals] Voprosy klimata Urala, sbornik. Sverdlovsk, 1958 128 p

[MICROFILM]

URAL MOUNTAINS—EARTH—INTERNAL STRUCTURES

Using the elastic waves from commercial blasting in the Urals for sounding the earth's core N. I. Khalevin, F. F. Usunov. Izv. AN SSSR. Ser geofiz. no 11:1567-1573 N '62

URAL MOUNTAINS—GEOLOGY, STRATIGRAPHIC

Comparison of the cross sections of Riphean deposits of the Polyudov Ridge and the Southern Urals M. E. Raaben, V. S. Zhuravlev Dokl AN SSSR 147 no.2 448-451 N '62.

Malakhova, N. P., and A. A. Malakhov. [Moskovian and Gzhelian stages of the Central Urals] Moskovskii i gzhel'skii yarusy Srednego Urala, Sverdlovsk. 1961. 84 p. (Akademiia nauk SSSR Ural'skii filial, Sverdlovsk. Gorno-geologicheskii institut. Trudy, no. 59)

Permian deposits on the eastern slope of the Urals E. N. Silina, A. N. Kurbezhskova. Dokl. AN SSSR 146 no.4:887-889 O '62.

Siarostina, Z. M. [Riphean siderite-bearing formation in the western slope of the Southern Urals] Sideritonosnaia formatsiia rifeia zapadnogo sklona IUzhnogo Urala. Moskva, Izd-vo Akad. nauk SSSR, 1962. 104 p. (Akademiia nauk SSSR. Geologicheskii institut. Trudy, no. 71)

URAL MOUNTAINS—IRON MINES AND MINING

Moshinskii, L. G., and V. A. Shchelakanov. [Underground working of Ural iron ore deposits] Podzemnaia razrabotka zhelezorudnykh mestorozhdenii Urala. Moskva, Gosgortekhizdat, 1962 138 p.

URAL MOUNTAINS—PETROLOGY

Lithological composition and the conditions of the formation of Middle Jurassic continental deposits of the eastern slope of the Urals. M. M. Bezhaev, V. A. Knlazev. Dokl. AN SSSR 147 no. 1 170-173 N '62.

URAL MOUNTAINS—SIDERITE

Siarostina, Z. M. [Riphean siderite-bearing formation in the western slope of the Southern Urals] Sideritonosnaia formatsiia rifeia zapadnogo sklona IUzhnogo Urala. Moskva, Izd-vo Akad. nauk SSSR, 1962. 104 p. (Akademiia nauk SSSR. Geologicheskii institut. Trudy, no. 71)

URAL MOUNTAINS—THORIUM

Uranium and thorium in alkali rocks of the Urals [with summary in English]. E. M. Es'kova, D. A. Mineev, L. G. Mineeva. Geokhimiia no. 9 770-777 '62.

URAL MOUNTAINS—URANIUM

Uranium and thorium in alkali rocks of the Urals [with summary in English]. E. M. Es'kova, D. A. Mineev, L. G. Mineeva. Geokhimiia no. 9 770-777 '62.

URAL MOUNTAINS—WATER, UNDERGROUND—ANALYSIS

Geochemistry of natural waters of Central Ural greenstone areas. G. A. Vostrokmutov. Razved. i okhr. nedr 28 no. 10 41-48 O '62.

URAL MOUNTAINS—ZINC ORES

Quality of zinc concentrates from Ural ore dressing plants and complete utilization of the raw material. K. L. Demianik. TSvet. met. 35 no. 7:19-20 Jl '62.

URAL VALLEY—GERBILS

Present border of the area and characteristics of the colonies of the gerbil Rhombomys opimus Licht. in the Ural-Emba Plain [with summary in English]. A. E. Starikov, D. V. Poiarkov, V. B. Sil'verstov. Zool. zhur. 41 no. 9:1402-1408 S '62.

URANINITE

Determination of protactinium and actinium in uraninite. I. E. Starik, F. E. Starik, A. N. Elizarova. Biul. Kom. po opr. abs. vozr. geol. form. no. 5 72-75 '62.

Migration of lead in monazite and pitchblende. E. S. Burkser and others. Biul. Kom. po opr. abs. vozr. geol. form. no. 5:48-52 '62.

URANIUM

(see also subdivision under Ural Mountains)

Effect of the medium on the oxidation of uranium IV by chlorate. L. A. Fedorova, E. A. Kanevskii. Radiokhimiia 4 no. 4 502-504 '62

Kinetic energy of fragments as a function of α-particle energy in the ternary fission of uranium [with summary in English]. Z. I. Solov'eva, R. A. Filov. Zhur. eksp i teor fiz 43 no 4:1146-1148 O '62

Study of the energy and angular distributions of neutrons emitted in the fission of U^{235} induced by thermal neutrons [with summary in English]. M. V. Blinov, N. M. Kazarinov, A. N. Protopopov. Zhur. eksp. i teor. fiz. 42 no. 4:1017-1021 Ap '62.

Symposium at the Institute of Metals in London. Atom. energ. 13 no 5:500-505 N '62.

Uranium in underground waters and conditions of its sedimentation in the form of UO_2 [with summary in English]. A. K. Lisitsin. Geokhimiia no. 9:783-788 '62.

URANIUM—ISOTOPES

Shielding effect of U^{238} resonance on the resonance absorption of U^{235} T. V. Golashvili, I. M. Kisil' Atom energ 13 no 5 435-439 N '62.

URANIUM—PHYSIOLOGICAL EFFECT

Chronic effect of increased concentrations of uranium on the fertility and survival of guppy (Lebistes reticulatus) M. M. Tellichenko Biul. MOIP Otd biol. 67 no. 3 156-157 My-Je '62

URANIUM COMPOUNDS

Extraction of uranium with trioctylphosphine oxide. B. N. Laskorin, B. I. Skorovarov, V. V. Shatalov. Ekstr., teor., prim., app. no. 1:163-170 '62.

URANIUM DIOXIDE

Composition of gases produced in the interaction between uranium dioxide and nitric acid E. A. Kanevskii, A. P. Filippov, N. V. Timofeeva. Atom energ 13 no 5 484-486 N '62

URANIUM OXIDE

Problem of the equivalence of uranium atoms in uranous-uranic oxide. N. I. Blinova, IU. M. Tolmachev. Radiokhimiia 4 no 4 447-451 '62.

URANYL ACETATE CRYSTALS

On certain properties of the exciton absorption spectrum of a sodium uranyl acetate crystal [with summary in English] M. S. Brodin, IA. O. Dovhyi. Ukr. fiz. zhur. 7 no. 1 31-36 Ja '62.

URANYL NITRATE

Mutual solubility in the system uranyl nitrate - water - isopropyl ether. V. M. Vdovenko, I. G. Suglobova, M. Mezei. Radiokhimiia 4 no. 4 388-392 '62.

UREA

Macroscopic kinetics and the mechanism of urea synthesis from ammonia and carbon dioxide. N. A. Gol'dberg, L. N. Al'tshuler Khim prom. no 9 638-642 S '62

S derivatives of thiourea. Part 5: Reaction of thiourea with α,β-dibromopropionic acid V. M. Fedoseev, M. Zavada, A. B. Silaev. Zhur. ob. khim. 32 no. 10, 3425-3432 O '62.

Sulfanilides. N-sulfonyl derivatives of thiourea. M. S. Malinovskii, Z. F. Solomko, L. P. Glushko Ukr. khim zhur. 28 no. 8:952-954 '62.

Test for the hypoglycemic activity of rastinon in diabetes mellitus [with summary in English]. Probl. endok. i gorm. 8 no. 4:69-72 Jl-Ag '62.

UREA AS FEED

Content of sulfur organic compounds in the blood and urine of cows fed urea with added sodium sulfate. I. I. Rozhon Visnyk sil'hosp nauky 5 no 6 118-119 Je '62

Effectiveness of feeding urea and ammonium bicarbonate in the form of liquid feed mixtures V. A. Kaplan and others. Visnyk sil'hosp nauky 5 no 8 77-83 Je '62.

Gas exchange in young French Merino rams under the conditions of substituting 25% nitrogen feed by carbamide I. P. Omel'ianenko. Visnyk sil'hosp nauky 5 no. 8 114-116 Je '62

Some problems in using urea in animal husbandry. I. F. Tkachev Visnyk sil'hosp. nauky 5 no 6:66-76 Je '62

UREMIA

Stenosis of the respiratory tracts in uremia and the possible errors in diagnosing it. B. A. Fainshtein, N. L. Naimagon. Zhur. ush., nos. i gorl. bol. 21 no. 6:69 N-D '61.

URETEROPLASTY

Plastic operations on the kidney pelvis and ureter in children [with summary in English]. I. M. Bykov. Urologiia 27 no. 4:6-10 Jl-Ag '62.

URETERS

Age-related histomorphology of the ureters of the cat. K. Kh. Oganesian. Trudy Erev. med. inst. no. 11:97-100 '60.

URETERS—ABNORMITIES AND DEFORMITIES

Ectopia of the bladder and ureter. L. A. Khanin, P. I. Kanonidi. Zdrav. Bel. 8 no. 7:56-57 Jl '62.

URETERS—DISEASES

Dyskinesia of the kidney pelvis and ureters [with summary in English]. A. Z. Gzirishvili. Urologiia no. 1: 41-43 '62.

URETERS—SURGERY

Intestinal plastic surgery of the ureter in hydroureteronephrosis. V. A. Orlov. Urologiia no. 1:82-84 '62.

Repair of small defects of the ureter under experimental conditions [with summary in English]. M. E. Mehel'. Urologiia no. 1:57-59 '62.

Replacement of the ureter by an excluded loop of small intestine [with summary in English]. E. L. Junggren, S. Kolliberg, B. Stener. Urologiia no. 1:43-48 '62.

URETHANES

Sound-absorbent coverings from wedge-shaped foam polyurethane. B. M. Klimov, A. N. Rivin. Akust. zhur. 8 no. 3:367-369 '62.

URETHANES—THERAPEUTIC USE

Treatment of complications following prosthetic filling of the residual pleural cavity with polyurethane sponge [with summary in English]. V. M. Sergeev and others Khirurgiia no. 1 77-83 '62.

URETHRA—SURGERY

Modification of the operation of tunnel formation of the urethra in traumatic strictures and obliterations [with summary in English] V. I. Vorobtsov. Urologiia no. 1: 71-76 '62.

URINARY ORGANS—DISEASES

Changes in the upper urinary tract in patients with cancer of the cervix uteri (Review of foreign literature). J. Zielinski, J. Cyopik. Urologiia no 1:86-89 '62.

URINARY ORGANS—SURGERY

Early postoperative septicemia in urology [with summary in English]. T. Burghele. Urologiia no. 1:35-40 '62

URINARY ORGANS—TUMORS

Actinomycosis of the urachus A. I. Mikhel'son, V. A. Mokhort. Urologiia no. 1:94-95 '62.

Results of the treatment of neoplasms of the kidneys and upper urinary tract. V. F. Kirivorotko. Zdrav. Bel. 8 no. 7:57-59 Jl '62.

URINARY ORGANS—WOUNDS AND INJURIES

Radiation injuries of the urinary tract. K. Uhlir. Urologiia no. 1:48-51 '62.

URINE—ANALYSIS AND PATHOLOGY

Determining the functional state of the adrenal cortex in Botkin's disease and liver cirrhosis by the content of neutral 17-ketosteroids in the urine [with summary in English]. E. V. Krutskikh. Trudy LSGMI no. 60 52-61 '61.

URINE—INCONTINENCE

Sphincterometry and aerial cystography as diagnostic methods for urinary incontinence in women. L. P. Kirko dynskaia. Urologiia 27 no. 4:36-40 Jl-Ag '62.

UROGENITAL ORGANS see Genitourinary organs

UROLOGY

Current drugs used in urology. P. I. Gel'fer. Urologiia 27 no. 4:66-70 Jl-Ag '62.

Some problems in the analysis of morbidity requiring ambulatory urological aid. R. O. Zelevskii, V. IA. Mikheikin. Urologiia 27 no. 4:41-44 Jl-Ag '62

UROLOGY—CONGRESSES

Conference of urologists in Georgia. N. Palivoda Zdrav. Bel. 8 no. 2 67 F '62.

Fourth All-Union Conference of Urologists N. Gavrilenko, V. Mokhort. Zdrav. Bel. 7 no 11:66-67 N '61.

UROPEPSIN

Evaluation of a study of uropepsin. G. P. Matveiko, F. P. Brodskaia. Zdrav. Bel. 8 no. 7:51-53 Jl '62.

URSENOIC ACID

Ursolic and oleanolic acids from Myrica gale L. A. V. Borovkov, N. V. Belova. Zhur. ob. khim. 32 no. 10 3457 O '62.

USEN'-IVANOVSKOYE—COMMUNITY AND SCHOOL

Aid for schools. V. Molinyko. Nar. obr. no. 11:14-16 N '62.

USOV, VLADIMIR VASIL'EVICH, d. 1960

Vladimir Vasil'evich Usov, on the 30th anniversary of investigating contact materials in the U. S. S. R. N. Z. Pozdniak. Poroshk. met. 2 no. 5:114-115 S-O '62.

USSURI VALLEY—DESCRIPTION AND TRAVEL

In Arsen'ev's footsteps. A. Kondrata'kyi. Ukraina no. 22:26-27 N '62.

UST'-KAMENOGORSK—NONFERROUS METAL INDUSTRIES

V. I. Lenin Lead and Zinc Combine in Ust' Kamenogorsk on the 45th anniversary of the Great October Socialist Revolution. A. M. Vartanian. TSvet. met. 35 no 11 10-14 N '62.

UST'-KAMENOGORSK—ZINC—METALLURGY

Roasting of zinc sulfide concentrates using an air-oxygen blow in a fluidized bed furnace at the V. I. Lenin Lead and Zinc Combine in Ust'-Kamenogorsk A. M. Vartanian and others. TSvet. met. 35 no. 11:43-48 N '62

UST'-URT—PHYSICIAL GEOGRAPHY

New data on the origin of depressions with interior drainage. IU. M. Kleiner. Dokl. AN SSSR 147 no. 2: 434-437 N '62.

USTINOVICH, NIKOLAI STANISLAVOVICH

"Footsteps of a man"; stories by N. Ustinovich. Reviewed by B. Bellnev. Oktiabr' 39 no. 8:221-222 Je '62

UTERUS

Mechanism of crystallization of the cervical mucosa [with summary in English]. A. I. Stupko, S. N. Kul'bashnik. Akush. i gin. no. 1: 84-87 '62.

Modification of the operation for placing a vaginal fistula for the graphic registration of the contractile activity of the uterus (internal hysterography in an experiment) [with summary in English]. V. M. Kisbanov. Biul. eksp. biol. i med. 54 no. 7:109-110 Jl '62.

UTERUS—CANCER

Changes in the upper urinary tract in patients with cancer of the cervix uteri (Review of foreign literature) J. Zielinski, J. Czopik. Urologia no 1,86-89 '62

Rational radiotherapy of cancer of the corpus uteri and the methods for insuring individual care [with summary in English]. V. P. Tobilevich. Vop. onk 8 no 6:35-41 '62.

UTERUS—DISEASES

Immediate and late results of treating chronic endocervicitis and erosions of the cervix uteri with diathermoexcision [with summary in English] E. V. Molzhaninov Akush. i gin. no. 1:87-91 '62.

UTERUS—RUPTURE

Ruptures of the uterus during labor and pregnancy. A. N. Mashkeleison. Zdrav. Bel. 8 no. 7,54-55 Jl '62.

UTERUS—TUMORS

Climacteric hemorrhages in uterine fibromyoma. P. IA. Lel'chuk. Vop. okh. mat. i det. 7 no. 7:65-68 Jl '62.

Diagnosis of secondary changes in fibromyomas of the uterus [with summary in English] V. A. Luznetsov. Sov. med. 26 no. 6:103-106 Je '62.

State of the mucous membrane of the uterus in myomas [with summary in English]. V. P. Molpalu, U. IA. Podar. Akush. i gin. no. 1:67-70 '62.

Treatment of inflammatory follicular tumors of the uterine adnexae by means of puncture [with summary in English]. I. Lukash, E. Kucheria, I Divish. Akush. i gin. no. 1:77-82 '62.

UZBEK LANGUAGE—VOWELS

"Knacklaut" and umlauts in the Namangan dialect of Uzbek language. S. Atamirzaeva. Nauch. rab. i soob. Otd. obshchestv. nauk AN Uz. SSR 4 411-424 '61.

UZBEK LITERATURE—PERIODICALS

Interpretation of Rabindranath Tagore's work on the pages of the journals "Er luzi" and "Maorif va ukituvchi." P. Rasul'-zade. Nauch. rab. i soob. Otd obshchestv nauk AN Uz. SSR 4,370-383 '61.

UZBEKISTAN—ADMINISTRATIVE AND POLITICAL DIVISIONS

Autonomous units in the system of the Uzbek S. S. R. and their legal position. M. Baitiev, L. Akhundzhanov Nauch. rab. i soob. Otd. obshchestv. nauk AN Uz. SSR 4:425-434 '61.

UZBEKISTAN—AGRICULTURAL WORKERS

Training of cadres of peasant intelligentsia in Uzbekistan, 1933-1941. R. Beshimov Obshchestv nauki v Uz. 6 no. 9:26-31 '62

UZBEKISTAN—AGRICULTURE

Efforts of the Communist Party of Uzbekistan to carry out the decisions of the CPSU on Soviet agriculture, 1953-1961. B. A. Tulepbaev. Vop. ist. KPSS 6 no. 6: 88-103 '62.

UZBEKISTAN—ARCHITECTURE—DESIGNS AND PLANS

Uzbekistan S Moiseeva, V. Berezin. Arkhit SSSR no. 9:30-31 '62.

UZBEKISTAN—BOOKSELLING AND BOOKSELLERS

Let's bring books to the masses. Uzbekistan 21 no. 10: 10 '62.

UZBEKISTAN—BOTANY, ECONOMIC

Akademiia nauk Uzbekskoi SSR, Tashkent, Institut khimii. [Studying mineral and plant resources of Uzbekistan] Issledovanie mineral'nogo i rastitel'nogo syr'ia Uzbekistana. Tashkent, Izd-vo Akad. nauk UzSSR, 1962. 228 p.

UZBEKISTAN—CANKER (PLANT DISEASE)

Practices in the extermination of the bacterial canker of tomatoes in Uzbekistan. K. M. Sokolova. Zashch. rast. ot vred. i bol. 4 no. 6:45 N-D '59.

UZBEKISTAN—CHEMICAL LABORATORIES

At the Central Chemical Laboratory of the Main Geological-Prospecting Administration of Uzbekistan. O. V. Kolpakov. Zav. lab. 28 no. 8,1014-1015 '62.

UZBEKISTAN—CLOTHING INDUSTRY

Supply Soviet people with beautiful articles of good quality. M. Zaks. Nar. khoz. Uzb. 4 no. 10,90-91 O '62.

UZBEKISTAN—COAL—TRANSPORTATION

Characteristics of the routing of coal freight on railroads with scattered loading locations. I. Ubaidullaev. Nauch. rab. i soob. Otd. obshchestv. nauk AN Uz. SSR 4:123-136 '61.

UZBEKISTAN—CODLING MOTH—EXTERMINATION

New preparations against the codling moth. B. V. Romanevich Zashch rast. ot vred. i bol. 7 no. 7:34 Jl '62.

UZBEKISTAN—COLLECTIVE FARMS—ACCOUNTING

All the collective and state farms of our republic should introduce business accounting within individual production units. Kh. Dzhailov and others. Komm. Uz. 34 no. 5:49-59 My '62.

UZBEKISTAN—COLLECTIVE FARMS—FINANCE

Formation and development of public funds on the collective farms of Uzbekistan, 1929-1932 Kh Musaev Obshchestv nauki v Uz 6 no. 9 32-38 '62

Growth of consumer funds on the collective farms of Uzbekistan. T T Turdiev, U M Matruziev Obshchestv nauki v Uz 6 no 9 5-11 '62

UZBEKISTAN—COLLECTIVE FARMS—MANAGEMENT

Conscience has spoken S Saimskov Nar khoz. Uzb 4 no 10 23 O '62

UZBEKISTAN—COMMUNIST EDUCATION

Participation of the Society for the Dissemination of Political and Scientific Knowledge of the Uzbek S S R in the cultural and educational activities of the soviets U. M. Faiziadova. Nauch. rab. i soob Otd obshchestv nauk AN Uz. SSR 4:68-77 '61.

UZBEKISTAN—CONSTRUCTION INDUSTRY

Complete the annual plan for housing construction successfully B Azbel' Nar khoz Uzb 4 no 10 51-53 O '62

Inspection of the quality of construction. K. Shtifanov. Stroitel' 8 no. 10:30 O '62.

New production units are put into operation I Dataskovskii Nar khoz Uzb 4 no 10 40-51 O '62

UZBEKISTAN—COOPERATIVE SOCIETIES

Strengthening cooperative societies in Uzbekistan. Sh. Samibeev. Sov. potreb. koop. 6 no. 10,53-54 O '62.

UZBEKISTAN—CORRESPONDENCE SCHOOLS AND COURSES

Improve the organization of evening and correspondence school education. S. Sadykov. Nar. khoz. Uzb. 4 no 10 85-86 O '62

UZBEKISTAN—COTTON—DISEASES AND PESTS

Improve methods for forecasting main cotton pests. I. R Kostenko, IU B Nesterov Zashch rast ot vred i bol 7 no 7 45-47 Jl '62.

UZBEKISTAN—COTTON—VARIETIES

Kokuev, V. I. [Commercial and promising new cotton varieties] Sorta khlopchatnika, promyshlennye i perspektivnye. Tashkent, Gosizdat UzSSR, 1961 50 p. (DNAL)

UZBEKISTAN—COTTON GROWING

Let us give our motherland more high-quality cotton. Nar. khoz Uzb 4 no 10 92 O '62.

UZBEKISTAN—COTTON WILT

Cultivation practices in the control of cotton wilt. N. S Mirpulatova. Zashch rast ot vred i bol 7 no 7 26-27 Jl '62.

UZBEKISTAN—CRIME PREVENTION

Participation of voluntary policemen in crime prevention and educational work with law offenders. G. Ubaidullaev. Nauch. rab. i soob. Otd. obshchestv. nauk AN Uz. SSR 4: 34-44 '61.

UZBEKISTAN—CULTURE

A meeting of the Institute of Art History of the Academy of Sciences of the Uzbek S. S. R. N. S. IAnov-IAnovskaia. Obshchestv. nauki v Uz. 6 no 9 71-72 '62

UZBEKISTAN—DOMESTIC RELATIONS

Tiurin, K. D. [Legal problems relating to the formation of Soviet domestic relations in Uzbekistan, 1917-1938] Formirovanie sovetskoi sem'i v Uzbekistane; pravovye problemy, 1917-1938 gg. Tashkent, Gos. Izd-vo Uzbekskoi SSR, 1962. 171 p.

UZBEKISTAN—ECONOMIC CONDITIONS

Basic forms of the economic relations of Uzbekistan with the other Republics of the U. S. S. R. in 1953-1958. T. R Rakhimbabaeva. Nauch. rab. i soob. Otd. obshchestv. nauk AN Uz. SSR 4:214-224 '61.

UZBEKISTAN—ECONOMIC DEVELOPMENT

Contradictions in the period of transition from capitalism to socialism in the U. S. S. R. B. R. Rakhimov. Nauch. rab. i soob. Otd. obshchestv. nauk AN Uz. SSR 4:15-25 '61.

UZBEKISTAN—EDUCATION

Soviet schools and the building of communism. I. Kadyrov. Komm. Uz. 34 no. 5:21-31 My '62.

UZBEKISTAN—EDUCATION, RURAL

Training of cadres of peasant intelligentsia in Uzbekistan, 1933-1941. R Beshimov. Obshchestv. nauki v Uz. 6 no. 9:26-31 '62.

UZBEKISTAN—ELECTRIFICATION

Electrification is the mainstay of the building of communism. B. Desiatchikov. Komm. Uz. 34 no. 5: 50-55 My '62.

UZBEKISTAN—ENGLISH LANGUAGE—TEXTBOOKS

Principles of compiling a textbook for the fifth grade of Uzbek schools. G. L Stravchinskaia. Inostr. iaz. v shkole no. 4:35-40 Jl-Ag '62.

UZBEKISTAN—ETHNIC TYPES

Studies of the ethnic composition of the population in Kashka Darya Basin and Surkhan Darya Province of the Uzbek S S. R Krat soob Inst etn no 37 39-45 '62

UZBEKISTAN—EVENING AND CONTINUATION SCHOOLS

Improve the organization of evening and correspondence school education S Sadykov Nar khoz Uzb 4 no 10 85-88 O '62.

UZBEKISTAN—FARM MANAGEMENT

Advantages of the new structure of planting acreage. IA Bersudskii, Z. Sokolova Nar khoz Uzb 4 no 10 64-69 O '62

UZBEKISTAN—FARM MECHANIZATION—CONGRESSES

Gathering of the field guards. Nar. khoz Uzb 4 no 10 24 O '62

UZBEKISTAN—FEEDS

Produce more combined feeds. I. Postolov Nar. khoz. Uzb 4 no 10 73-75 O '62

UZBEKISTAN—FIELD CROPS

Advantages of the new structure of planting acreage. IA. Bersudskii, Z. Sokolova Nar. khoz Uzb. 4 no. 10 64-69 O '62.

UZBEKISTAN—FOOD INDUSTRY

First firms in the food industry. I Porfir'ev. Nar. khoz Uzb 4 no. 10 78-80 O '62

UZBEKISTAN—GAS, NATURAL

Methods for the determination of the economic effectiveness of the utilization of natural gas in the industrial enterprises of Uzbekistan. A. Pirmukhamedov. Nauch rab. i soob. Otd. obshchestv. nauk AN Uz. SSR 4:89-96 '61.

UZBEKISTAN—GAS, NATURAL—GEOLOGY

Conditions governing the formation of oil and natural gas pools in western Uzbekistan A G. Babaev, I. S Starobinets Sov. geol 5 no. 9,102-112 S '62

UZBEKISTAN—GAS INDUSTRY

The role of the gas industry of Uzbekistan in the territorial industrial centers of Central Asia. U. K. Sadykov. Nauch. rab. i soob. Otd. obshchestv. nauk AN Uz. SSR 4:78-88 '61.

UZBEKISTAN—GEOLOGICAL RESEARCH

Geological research in Uzbekistan during the Great Patriotic War. R. Melikulov. Nauch. rab. i soob. Otd. obshchestv. nauk AN Uz. SSR 4:202-205 '61.

UZBEKISTAN—GRAIN

Certified seeds and fall planting guarantee a rich harvest V. Korolenko Nar khoz Uzb. 4 no 10 72-77 O '62.

UZBEKISTAN—GRANARIES—DISINFECTION

Organization of the control of granary pests in Uzbekistan. N. G. Viktorov, L. S Anisimova. Zashch rast. ot vred. i bol. 4 no. 6 9-10 N-D '59

UZBEKISTAN—INDUSTRIAL EQUIPMENT

The Warehouse is not the place for new machinery. Nar khoz Uzb. 4 no 10 83-84 O '62

UZBEKISTAN—INDUSTRIAL ORGANIZATION

The future belongs to a strong unified technological center L. Umanskii. Nar. khoz Uzb 4 no. 10:25-30 O '62.

UZBEKISTAN—INDUSTRIES

New production units are put into operation. I Dataskovskii Nar khoz. Uzb. 4 no 10 49-51 O '62.

We rely upon technological progress. N. Martynov. Komm. Uz 34 no. 5:11-20 My '62.

UZBEKISTAN—INSECTS, INJURIOUS AND BENEFICIAL

Improve methods for forcasting main cotton pests. I R. Kostenko, IU. B Nesterov. Zashch rast ot vred i bol 7 no. 7:45-47 Jl '62.

UZBEKISTAN—IRRIGATION FARMING

Productive capacity of soils irrigated for periods of various lengths in Uzbekistan [with summary in English]. S. P. Suchkov. Pochvovedenie no. 10 1-9 O '62.

UZBEKISTAN—JUSTICE, ADMINISTRATION OF

The 21st Congress of the CPSU and some problems concerning the evolution of the Constitution of the Uzbek S. S. R. B. Samarkhodzhaev. Nauch. rab. i soob. Otd. obshchestv. nauk AN Uz. SSR 4:26-33 '61.

UZBEKISTAN—KARAKUL SHEEP

Grechin, B. V., and A. S. Stepanova. [Uzbek Karakul sheep] Uzbekistanskaia karakul'skaia ovtsa. Tashkent, Gosizdat UzSSR, 1961. 29 p. (DNAL)

UZBEKISTAN—LAND TENURE

Solution of the agrarian problem in Uzbekistan. Kh. IU. Musaev. Nauch. rab. i soob. Otd. obshchestv. nauk AN Uz. SSR 4:45-56 '61.

UZBEKISTAN—LAW

"History of the state and law of Soviet Uzbekistan" Vol. 1 1917-1924 Reviewed by R Turgunbekov, L Golubeva Izv. AN Kir SSR Ser obshchestv. nauk 3 no 3:111-113 '61

UZBEKISTAN—LOESS

Chemical composition of loess (raw material of bricks) in Uzbekistan deposits A. M. Pirosov. Uch. zap SAIGIMSa no. 5:55-62 '61

UZBEKISTAN—MANUFACTURES

Development of light industries in southwestern Uzbekistan. Nauch rab. i soob. Otd. obshchestv nauk AN Uz SSR 4 106-114 '61.

UZBEKISTAN—MINES AND MINERAL RESOURCES

Akademiia nauk Uzbekskoi SSR, Tashkent. Institut khimii. [Studying mineral and plant resources of Uzbekistan] Issledovanie mineral'nogo i rastitel'nogo syr'ia Uzbekistana. Tashkent, Izd-vo Akad. nauk UzSSR, 1962. 228 p.

UZBEKISTAN—MINING ENGINEERING—LABOR PRODUCTIVITY

How to uncover potentials for increasing labor productivity A Kaznov Nar khoz Uzb 4 no 10 46-48 O '62

UZBEKISTAN—PEAR—DISEASES AND PESTS

New preparations against the codling moth. B V. Romanovich Zashch rast ot vred i bol 7 no 7 34 Jl '62

UZBEKISTAN—PETROLEUM GEOLOGY

Conditions governing the formation of oil and natural gas pools in western Uzbekistan. A G Babaev, I S Starobinets Sov. geol. 5 no 9 102-112 S '62

UZBEKISTAN—POLITICS AND GOVERNMENT

"History of the state and law of Soviet Uzbekistan." Vol 1: 1917-1924 Reviewed by R Turgunbekov, L Golubeva Izv AN Kir SSR Ser. obshchestv nauk 3 no 3:111-113 '61

UZBEKISTAN—PORTLAND CEMENT

Preparation of first experimental batches of sulfate-resistant gliezh portland cement at cement plants of Uzbekistan M. I Miakinchenko, I S Kantsepol'skii, Kor tsem i mery bor'by s nei no 2 5-54 '62

UZBEKISTAN—PUPPETS AND PUPPET PLAYS

The Uzbek folk theater in the Soviet period. M. Kadyrov Nauch. rab. i soob. Otd. obshchestv nauk AN Uz SSR 4: 251-257 '61.

UZBEKISTAN—QUARANTINE

Sanitary protection of the frontiers in the territory of the Uzbek S. S. R. IA A. Usov, M. I Korobelnikov, K. I. Mamedov. Zhur. mikrobiol., epid i immun. 32 no. 12 30-33 D '61

UZBEKISTAN—RECLAMATION OF LAND

Use of underground waters in irrigation. M. I Kaplinskii. Gidr. i mel. 14 no. 10.3-15 O '62

UZBEKISTAN—RUSSIAN LANGUAGE—STUDY AND TEACHING

Soviet schools and the building of communism. I. Kadyrov. Komm Uz 34 no 5 21-31 My '62

Study of the Russian language should contribute to the solution of present-day problems A. Muzafarov Komm Uz. 34 no. 5 32-38 My '62

UZBEKISTAN—SERICULTURE

Grakhov, G. N. [For 75 kilograms of cocoons from a box of eggs] Za 75 kilogrammov kokonov s korobki greny. Tashkent, Gosizdat UzSSR, 1957. 13 p (DNAL)

UZBEKISTAN—SOCIALIST COMPETITION

Keeping the October watch. Uzbekistan 21 no. 10-3 '62.

UZBEKISTAN—SOIL FERTILITY

Productive capacity of soils irrigated for periods of various lengths in Uzbekistan [with summary in English]. S P. Suchkov Pochvovedenie no 10.1-9 O '62.

UZBEKISTAN—SOVIETS

Further *democratization of local soviets* in the light of the resolutions of the 22d Congress of the CPSU R. K. Kaiumov Obshchestv nauki v Uz. 6 no. 9 12-19 '62.

UZBEKISTAN—SPRAYING AND DUSTING EQUIPMENT

Sprayers and dusters in each tractor and field cropping brigade. I. V. Skvortsov. Zashch. rast. ot vred. i bol. 7 no. 3:20-21 Mr '62.

UZBEKISTAN—SPRAYING AND DUSTING IN AGRICULTURE

Khasanbai Madrakhimov, chief mechanic. IU N. Zashch. rast. ot vred i bol. 4 no. 6:10-11 N-D '59

UZBEKISTAN—STOCK AND STOCKBREEDING

Achieving new goals. Nar. khoz. Uzb. 4 no. 10-63-64 O '62.

UZBEKISTAN—STUDENTS, IRAQI

They are from Iraq D Polinin. Uzbekistan 21 no. 10: 13 '62.

UZBEKISTAN—TEACHERS, TRAINING OF

The role of the Soviet Government in the organization of pedagogical cadres during the period of the socialist reconstruction of the national economy G Tanaykhaeva. Nauch rab. i soob. Otd. obshchestv. nauk AN Uz. SSR 4:186-194 '61.

UZBEKISTAN—TECHNOLOGICAL INNOVATIONS

Accelerating technological progress is the most important national task Nar khoz Uzb 4 no 10 3-8 O '62

The future belongs to a strong unified technological center L Umanskii Nar khoz Uzb 4 no 10 25-30 O '62

UZBEKISTAN—TETANUS

Epidemiology of tetanus and its prevention in Uzbekistan. I M Mevzos and others Trudy TashNIIVS 6,277-280 '61.

UZBEKISTAN—TEXTILE DESIGN

Folk pattern in the decorative scheme for cotton fabrics of Uzbekistan. K. Kh. Atadzhanov. Nauch. rab. i soob. Otd. obshchestv. nauk AN Uz. SSR 4 246-250 '61.

UZBEKISTAN—TICKS AS CARRIERS OF DISEASE

Results of a study of some species of ticks for Q rickettsiosis in Uzbekistan. V A Lysunkina Trudy TashNIIVS 6;186-189 '61

UZBEKISTAN—TOMATOES—DISEASES AND PESTS

Practices in the extermination of the bacterial canker of tomatoes in Uzbekistan. K. M Sokolova Zashch rast ot vred i bol 4 no 6 45 N-D '59.

UZBEKISTAN—WATER—LAWS AND LEGISLATION

The right to use water for the agriculture of collective and state farms. M. P. Ishimov. Nauch. rab. i soob. Otd. obshchestv. nauk AN Uz SSR 4:57-67 '61.

UZBEKISTAN—WOLLASTONITE

Wollastonite, a valuable raw material for the Uzbekistan industry. M. I Ismailov. Uch. zap. SAIGIMSa no. 5: 47-53 '61.

UZBEKISTAN—WOMEN—RIGHTS OF WOMEN

Tiurin, K. D. [Legal problems relating to the formation of Soviet domestic relations in Uzbekistan, 1917-1938] Formirovanie sovetskoi sem'i v Uzbekistane; pravovye problemy, 1917-1938 gg. Tashkent, Gos. izd-vo Uzbekskoi SSR, 1962. 171 p.

UZBEKISTAN—WORLD WAR, 1939-1945—ECONOMIC ASPECTS

Organization of labor cadres among the young people of Uzbekistan during the early years of the Great Patriotic War. B. Davranov. Nauch. rab. i soob. Otd. obshchestv. nauk AN Uz. SSR 1:206-213 '61.

UZUN-AKIMAT VALLEY—ORE DEPOSITS

Conditions governing the formation of the Kurgan complex metal deposit. K K. Kurmanaliev Izv. AN Kir. SSR. Ser. est. i tekh. nauk 4 no. 3:27-36 '62.

VACCINATION

(see also subdivision under Azerbaijan)

Clinical aspects of postvaccinal smallpox meningo-encephalitis [with summary in English]. T. E. Margolina. Sov. med. 26 no. 7:100-102 Jl '62.

Complications following smallpox vaccination. N. E. Dmitriev. Sov. med. 26 no. 10:128-129 O '62.

Duration of postvaccinal immunity against smallpox [with summary in English]. R. B. Dzhavadov. Zhur. mikrobiol., epid. i immun. 32 no 12:91-95 D '61.

Intracutaneous vaccine therapy in the compound treatment of chronic brucellosis. K. A Zhumanbaev. Trudy Inst. kraev. pat AN Kazakh. SSR 12:208-213 '62.

Our suggestion for a card file of preventive inoculations of children. A. Dobritanin. Zdrav. Bel. 7 no. 11 45-46 N '61.

Treatment of brucellosis patients with terramycin in combination with streptomycin and vaccine. E. A. Shnyreva, Kh. A Kasymova. Trudy Inst. kraev. pat. AN Kazakh. SSR 12:187-193 '62.

VACCINE LYMPH

Comparative cytological analysis of the effect of the smallpox vaccine virus on tissue culture cells [with summary in English]. S. IA. Zelkind and others. Vop. virus. 7 no 5:586-594 S-O '62.

New method for titrating the smallpox vaccine virus in a tissue culture [with summary in English]. Li IU [Li Yu]. Vop. virus. 7 no. 5:594-596 S-O '62.

VACCINES

Dry tissue vaccine for preventing tick-borne encephalitis B. F. Semenov and others. Vop. virus. 7 no. 5:613-614 S-O '62.

Improvement of the technology for preparing polyvaccine. V. B. Alferova and others. Trudy TashNIIVS 6:43-52 '61.

Preparation of polyvalent vaccines against virus diseases of swine. I. P. Lysenko, O. M TSymbal, M. Z Kul'bachna. Visnyk sil'hosp. nauky 5 no. 5:77-81 My '62

Preventive medical significance of analcohol vaccine administered intracutaneously in the compound treatment of acute dysentery. S. P. Khalatil. Vrach delo no 8: 114-118 Ag '62

Process for sterilizing the liquid nutrient medium in the "bottom" production of enteric vaccines. V. B. Alferova, R I Bogacheva. Trudy TashNIIVS 6:65-69 '61

Reactor method of diluting enteric vaccines. V. B Alferova and others. Trudy TashNIIVS 6,61-64 '61

VACCINES—BIBLIOGRAPHY see Bibliography—Vaccines

VACUUM

"Introduction to vacuum techniques" [in German] Reviewed by R. A Nilender, V. P. Titashina. Radiotekh i elektron. 7 no. 11 1975-1976 N '62.

Superhigh vacuum obtained by means of electron-ionically bombarded chromium. N.S. Mykhailov, N. M. Pivenitskova, O. M. Akymovych. Ukr. fiz. zhur. 7 no. 1 73-74 Ja '62.

VACUUM METALLURGY

Effect of vacuuming on the founding properties of the AL10 alloy A V. Kurdiumov, G. A. Stekol'shikova Izv vys. ucheb. zav. tsvet. met 5 no 3 147-153 '62.

Inert gas blowing of metal in the ladle in vacuum. P. M Chuiko and others. Stal' 22 no 9,805-811 S '62

Recovery of bismuth from concentrates by sublimation in vacuum. V. N. Nesterov and others. Trudy Inst. met. i obog AN Kazakh. SSR 5:77-81 '62.

Smolianskii, M. IA., and K. D. Gutterman. [Design and operation of vacuum arc furnaces] Rabochii proteses i raschet vakuumnykh dugovykh pechei. Moskva, Gosenergoizdat, 1962. 111 p. (Biblioteka elektrotermista, no. 12)

Vacuum rolling of chemically active metals V. P Ivanov and others. TSvet met. 35 no. 11 65-68 N '62.

Vacuum treatment of liquid copper. V. L. Zlarev and others. TSvet. met. 35 no. 7:32-37 Jl '62.

VACUUM TECHNOLOGY

Diffusion welding in vacuum of 45 steel. N. F. Kazakov. Svar. proizv. no. 8 31-34 Ag '62.

Peculiarities of the partial adsorption of residual gas components at very high vacuum. Part 2. IU. N. Ptushynskyi, B. O. Chulkov. Ukr. fiz. zhur. 7 no. 1 79-81 Ja '62.

VAGINA

Effect of human condyloma acuminatum extract on tissue cultures of vaginal epithelium. N. M. Chistova. Vop. onk 8 no 6:118-128 '62.

VAGINA—DISEASES

Clinical therapy of trichomonal colpitis. G. M. Gonas. Sov. med. 26 no. 10,102-104 O '62.

VAGUS NERVE

Function of a transplanted reinnervated kidney [with summary in English]. A. A. Lebedev. Biul. eksp. biol. i med. 54 no. 7:18-22 Jl '62.

Role of the vagus nerves in the organization of the solar plexus. L. V. Vartanian. Trudy Erev. med. inst. 1961 121-128 '60.

VALERALDEHYDE

Synthesis of some γ-substituted valeraldehydes. P. A. Obol'nikova, G. I. Samokhvalov. Zhur. ob. khim. 32 no. 11:3556-3558 N '62.

VALLEYS see subdivision under Central Black Earth region

VALUE

Characteristics of utilizing the law of value in collective farm production. I. Togaev. Ekon. sel'khoz. 33 no. 10:10-17 O '62.

VALVES

Hydraulic valve extractor. Neftianik 7 no. 4:20 Ap '62.

Seizing of valves. IU. S. Demidov. Vest. mashinostr. 42 no. 11:30-12 N '62.

VAN ALLEN RADIATION BELTS

Radiation belts and auroras. M. A. Koreis, Z. L. Pontzovskii. Priroda 51 no. 11,76-77 N '62.

VANADIUM

Prospects for obtaining vanadium and its alloys from Kazakhstan ores. A. M. Kunaev, V. V. Volefntik. Trudy Inst. met. i obog. AN Kazakh. SSR 5:3-11 '62.

Vanadium recovery from converter slags. N. P. Slotvinskii-Sidak, V. I. Potapov. Izv. vys. ucheb. zav. tsvet met. 5 no. 3:100-108 '62.

VANADIUM—METALLURGY

Vapor pressure of vanadium oxychlorids at temperatures of 68 - 124° C. N. N. Ruban, V. D. Ponomarev. Trudy Inst. met. i obog. AN Kazakh. SSR 5:34-40 '62.

VANADIUM-NIOBIUM ALLOYS—CORROSION

Vanadium-niobium alloys with a high corrosion resistance (from "Materials in Design Engineering," no. 5, 1960). Metalloved. i term. obr. met. no. 3:54-56 Ag '62.

VANADIUM OXIDE

Investigating the kinetics of the thermochemical decomposition of sodium sulfate in presence of vanadium pentoxide. I.R.Polyviannyi, V G.Avrov. Trudy Inst.met.i obog.AN Kazakh.SSR 5 41-48 '62.

Nuclear magnetic resonance in concentrated aqueous solutions of VO^{++} [with summary in English] N S. Kucheriavenko Zhur. eksp.i teor. fiz 43 no 4 1164-1172 O '62.

Phase composition of mixed vanadium catalysts for the oxidation of aromatic hydrocarbons I.I.Ioffe, Z.I. Ershkova, A.G.Liubarskii. Kin.i kat. 3 no.2:204-209 Mr-Ap '62.

VAPOR-LIQUID EQUILIBRIUM

Temperature dependence of chemical reaction equilibrium constants. B.P.Burylev. Izv.vys.ucheb.zav., chern.met. 5 no.10 14-17 '62.

VAPOR PRESSURE

Vapor pressure of arsenic and thallium sulfides. Vapor pressure of arsenic trisulfide. R.A Iesakov, V.N. Nesterov. Trudy Inst.met.i obog.AN Kazakh.SSR 5:29-33 '62.

Vapor pressure of vanadium oxychloride at temperatures of 58 - 124° C. N.N.Rubin, V.D.Ponomarev. Trudy Inst.met.i obog.AN Kazakh.SSR 5:34-40 '62.

VARGA, EUGEN, 1879

Academician E Varga's studies of contemporary capitalism. A. Milelkovskii Nov. vrem. 20 no 46 12-14 N '62.

VARIATION (BIOLOGY)

Control of mutation processes in cancerous cells. N.P. Dubinin, L.V.Chereshdnnova, E.K.Bulochnikova. Dokl.AN SSSR 146 no.4 917-920 O '62.

VARICOCELE

Surgical treatment of varicose veins of the spermatic cord. B.IA.Gromov. Vest.khir. no.5 76-77 '62.

Treatment of varicose veins of the spermatic cord [with summary in English]. V.G.Klein Vest.khir no.5: 75-76 '62.

Varicocele and the function of the testes [with summary in English]. Jan Roboch, Zdeněk Zahor, Jiří Homolka. Urologiia 27 no.4 31-36 Jl-Ag '62.

VARIX

Treatment of varicose veins of the lower extremities by the method of electrocoagulation. A.N.Muranov Vest. khir. no.5:72-74 '62.

VASES see subdivision under Novogrudok

VAS'KOVICHI (WHITE RUSSIA)—PUBLIC HEALTH, RURAL

Work of the Vas'kovichi feldsher-midwife center. M.Makarenko Zdrav Bel. 7 no.11:40-41 N '61.

VASOMOTOR NERVOUS SYSTEM see Nervous system, Vasomotor

VATICAN COUNCIL, 1962

The ashes of Giordano Bruno; sidelights on the Ecumenical Council. Inga Kichanova. Nov.vrem 20 no 46 18-20 N '62

VECTOR ANALYSIS

Mass of a complex vector field [with summary in English]. I.B.Khriplovich Zhur.eksp.i teor fiz 43 no 4:1493-1495 O '62

Ralkov, D.A. [Vector spaces] Vektornye prostranstva. Moskva, Fizmatgiz, 1962. 211 p.

VEGETABLE GARDENING

(see also subdivision under Ararat region, Armenia; Donets Basin; Orenburg Province; Surkhan-Darya Valley, Ukraine)

Dobritskii, A.T. [Vegetable gardening on peat soils] Vyrashchivanie ovoshchei na torfianikakh. [Leningrad] Lenizdat, 1961. 19 p. (Vypolnimem reshenila ianvarskogo Plenuma TsK KPSS)
(DNAL)

Organization of the vegetable seed production for the canning industry. N.M Rybka, N.S Kosintsev Kons i ov prom. 17 no.11 30-32 N '62

VEGETABLE HYBRIDIZATION see Hybridization, Vegetable

VEGETABLE TRADE

Let's improve the planning of procurement and the use of vegetables. P. Pirogov Sov.torg. 35 no.7:3-6 Jl '62.

VEGETABLES—DISEASES AND PESTS see subdivision under Khabarovsk Territory

VEGETABLES—DRYING

There will be greens in winter also IU. Zhuravlev Starsh -serzh. no 9:31 S '62.

VEGETABLES—HARVESTING

Mechanization of vegetable harvesting [with summaries in English, German, and French] A.A.Kolomiets Vest.sel'khoz.nauki 7 no.9:91-95 S '62.

VEGETABLES—STORAGE

Rytov,N.P. [Storage of vegetables; advanced practices] Khranenie ovoshchei, peredovoi opyt. Moskva, Gostorgizdat, 1961 41 p.
(DNAL)

Universal storehouse for vegetables and fruit. N Korobova Sel' stroi. no 10 12-13 O '62.

VEHICLES

On the roads and without the roads B Liapunov Nauka i zhizn' 29 no 5 58-60 My '62.

VEHICLES, MILITARY—TRANSPORTATION

Convenient and safe M. Netykse, A Furman Voen vest 42 no. 5 112-114 My '62

VEINS—DISEASES

Mondor's disease. V.IU.Mironchik Zdrav.Bel. 8 no.7 18-20 Jl '62.

VEINS—WOUNDS AND INJURIES

Closed trauma of the large veins. A.I Morozov. Vest. khir. no 5:111-112 '62.

VEL'IAMINOV, NIKOLAI ALEKSANDROVICH, 1855-1920

Contribution of N.A. Vel'iaminov and his school to physical therapy. G L.Megazanik Vop.kur.,fizioter. i lech. fiz. kul't. 27 no.2 163-167 Mr-Ap '62.

VELIKHANOV, CHOKAN CHINGISOVICH, 1837 or 8-1865

Ch.Velikhanov's views on the state and law. A Atishev. Trudy Inst.filos.i prava AN Kazakh.SSR 6 250-262 '62.

VELIKOMIKHAYLOVKA DISTRICT—TEACHERS

Strong in spirit. P.Skliarov. Nach.shkola 30 no.11: 30-31 N '62.

VENA CAVA

Compression and obturation of the superior vena cava (clinical aspects and surgical therapy) [with summary in English]. B V Petrovskii. Khirurgiia no 1 30-35 '62.

VENDING STANDS

For the street trade. B.Shafer Sov.torg. 35 no 7: 61-62 Jl '62

VENEREAL DISEASES—PREVENTION

Work of the traveling seminar of the World Health Organization on problems in the control of venereal diseases A.A.Studnitsin, Sov.med. 26 no.7,145-147 Jl '62.

VENEREOLOGY see subdivision under Kazakhstan

VENEREOLOGY—CONGRESSES

First All-Russian Congress of Dermatovenereologists in Moscow (December 11-15, 1961). B M.Pashkov Sov.med. 26 no.6:148-151 Je '62

VENEV DISTRICT—HEMORRHAGIC FEVER

Hemorrhagic fever with a renal syndrome in the Venev District of Tula Province (the outbreak of 1958-1959) [with summary in English]. T.P. Povalishvina and others. Zhur.mikrobiol.,epid i immun. 32 no 12: 43-49 D '61

VENIKOV, VALENTIN ANDREEVICH, 1912-

V. A Venikov, on his fiftieth birthday Izv.vys.ucheb. zav., energ. 5 no 10:137-138 O '62.

VENOM

Comparative characteristics of the detoxifying effect of propyl gallate on the venoms of snakes of the Viperidae family. I.B.IUrkova and others. Dokl.AN SSSR 146 no.4:975-976 O '62.

Desoxyribonuclease activity of some snake venoms [with summary in English]. I.I. Nikol'skaia, E I. Budovskii Vop.med.khim. 8 no.1:73-77 Ja-F '62.

VENOM—PHYSIOLOGICAL EFFECT

Pharmacology of viprotox [with summary in English] O.L.Raiavec Farm.i toks. 24 no 6:713-719 N-D '61.

Trypan skin test for studying the permeation of blood-carrying capillaries in the case of poisoning by snake venom. A.T. Berdyeva. Izv.AN Turk.SSR, Ser.biol. nauk no.5:67-71 '62.

VENTILATION

Kostriukov, V.A. [Collection of examples of calculations for heating and ventilation] Sbornik primerov rascheta po otopleniiu i ventiliatsii. Moskva, Gosstroiizdat.
Pt.2. [Ventilation] Ventiliatsiia. 1962. 198 p.

VENUS (PLANET)

Observations of the radio emission of Venus and Jupiter at the 3,3 cm. wavelength [with summary in English]. V.P.Bibinova and others. Astron.zhur. 39 no.6: 1083-1088 N-D '62.

Radio emission of Venus on the centimeter band. L V. Verozub. Uch.zap KHGU 122 86-90 '62.

VENUS PROBES

Radar system used in the Venus probe of 1961. V. A. Kotel'nikov and others. Radiotekh.i elektron. 7 no.11:1851-1858 N '62.

Reception of weak signals using binary storage V I. Buninovich, V A Morozov. Radiotekh i elektron 7 no.11 1873-1879 N '62

Results of Venus radar probes conducted in 1961. V A. Kotel'nikov and others Radiotekh i elektron. 7 no.11 1860-1872 N '62

Weak signal analyzer used in radar Venus probes in 1961 V A Morozov, Z G Trunova, Radiotekh i elektron. 7 no 11 1880-1889 N '62

VERKHNIY SALTOV—ANTHROPOLOGY

Anthropology of the Saltov burial ground V.P. Alekseev. Mat.z antr. Ukr no 2 18-87 '62.

VERKHNIY USLON DISTRICT—DAIRY INDUSTRY—ACCOUNTING

There are less documents but control is better N.P. Shumilov. Uchet i fin.v kolkhoz.i sovkhoz. 19 no.11: 18 N '62.

VERKHOYANSK RANGE—GEOLOGY

Test, B.I., Z.V.Osipova, and V.IA.Sychev [Mesozoic sediments of the Zhigansk region] Mezozoiskie otlozhenila Zhigganskogo paiona Leningrad, Gos. nauchn.-tekhn izd-vo neft i gorno-topl. lit-ry, Leningr otd-nie, 1962. 117 p. (Leningrad. Nauchno-issledovatel'skii institut geologii arktiki Trudy, vol 131)

VERKHOYANSK RANGE—GEOLOGY, STRUCTURAL

Tectonics of the cis-Verkhoyansk piedmont R O Gainbala Trudy VAGT no 8 72-77 '62

VERKHOYANSK RANGE REGION—PETROLOGY

Source material in the formation of Jurassic sediments in the northern Verkhoyansk piedmont and the adjacent part of the Vilyuy syneclise R A Bidzhiev, IU L Minaeva. Trudy VAGT no.8 42-49 '62

VERMIFUGES see Anthelmintics

VERNALIZATION

Changing winter varieties of wheat into spring varieties O T Lysenko Agrobiologiia no 5 676-685 S-O '62

Effect of the conditions of vernalization on the yield and seed quality of potato tubers I D Bezpalyi Agrobiologiia no 5 787-789 S-O '62

Significance of the length of day in vernalizing plants V I Razumov, T V Oleinikova Agrobiologiia no 5, 666-675 S-O '62

VERSTOVSKII, ALEKSEI NIKOLAEVICH, 1799-1862

Dobrokhotov, B.V. [A.N. Verstovskii and his opera "Askold's grave,"] A.N. Verstovskii i ego opera "Askol'dova mogila." Moskva, Muzgiz, 1962. 86 p. (Putevoditeli po operam)

VERTEBRAE—TUMORS

Chondroma of the transverse process of the third lumbar vertebra A IA Shtutin Ortop.,travm i protez. 23 no 5 81-82 My '62

VERTEBRATES

(see also subdivision under White Russia)

Methods of studying the effect of vertebrates on the vegetative cover and soils. A.G.Voronov. Vop.ekol. 4:96-98 '62.

"Morphology and ecology of vertebrates; in memory of Boris Stepanovich Vinogradov." Reviewed by I I. Puzanov. Zool.zhur. 41 no 9.1436-1438 S '62.

VERTICALLY RISING AIRPLANES

Vertically rising airplanes. V Pavlenko Av.i kosm. 45 no 11 66-71 '62.

VESELITSKII, MIKHAIL ALEKSANDROVICH, d. 1962

Brief news Sud.-med.ekspert. 5 no.4 58 O-D '62.

VESTIBULAR APPARATUS

Dependence of the postrotatory nystagmus reaction on the excitability of the vestibular analyzer [with summary in English] S S Markarian Zhur ush.,nos i gorl. bol 21 no 6 37-42 N-D '61

VETERINARY HELMINTHOLOGY see subdivision under Mordovia

VETERINARY HYGIENE

Dymars'kyi, L.A., and I.O. Holubiev. [Veterinary hygiene] Zoohigiena. Kyiv, Derzhsil'hospvydav URSR, 1960. 189 p. (Biblioteka veterinarnogo fel'dshera)
(DNAL)

VETERINARY MEDICINE

Applying the meadowsweet Filipendula ulmaria in gastrointestinal diseases of young farm animals. S. S. Nazarov. Zhivotnovodstvo 22 no.2 60-61 F '60.

Reliable means in the care for young farm animals. A Matveev Zhivotnovodstvo 22 no 2 62-63 F '60.

VETERINARY MEDICINE—STUDY AND TEACHING

Let's send the best work to the contest. V.T. Koveshnikov, A.M. Mel'nikov. Sred.spets.obr. 9 no.10:49-50 O '62.

VETERINARY OBSTETRICS

Diagnosis of pregnancy in ewes based on the sacral reflex G.T. Gavrilisk Zhivotnovodstvo 22 no 2: 56-59 F '60.

VETERINARY PATHOLOGY

Protasenia, T. P. [Pathological physiology and the pathological anatomy of animals; a textbook of practical studies] Patologichna fiziologiia i patologichna anatomiia tvaryn; posibnyk do praktychnykh zaniat'. Kyiv, Derzh. vyd-vo sil's'kohospodars'koi lit-ry URSR, 1962. 167 p. (Pidruchnyky i navchal'ni posibnyky dlia sil's'kohospodars'kykh tekhnikumiv) (DNAL)

VETERINARY PHYSIOLOGY

Physiological and biochemical basis of the formation of sex in animals V. N. Shreder. Zhivotnovodstvo 22 no. 2 66-74 F '60.

VIAZEMSKII, PETR ANDREEVICH, 1792-1878

Viazemskii, P. A. [Verse] Stikhotvoreniia. Vstup. stat'ia, podgotovka teksta i primechaniia L. IA. Ginzburg. Moskva, Sovetskii pisatel', 1962. 513 p. (Biblioteka poeta. Malaia seriia. Izd. 3)

VIBRATED CONCRETE

Effect of repeated periodic vibration of hardening concrete on its strength and bond with the reinforcement. A. E. Desov, V. I. Nadol'skii. Trudy NIIZHB no 29: 130-142 '62.

Effect of the forms of the vibrations and the hollow-forming insertion pieces on the degree of compaction of concrete under three-dimensional vibration. V. N Shmigal'skii Trudy NIIZHB no 29:98-116 '62.

Effect of the phase angle between high and low frequencies on the efficiency of compaction A. E. Desov, V N Shmigal'skii. Trudy NIIZHB no 29,117-129 '62.

Khigerovich, M. I., and A. P. Merkin. [Intensification of the making of cellular concrete by using vibration] Intensifikatsiia izgotovleniia iacheistykh betonov putem primeneniia vibrirovaniia; doklad na seminare prepodavatelei i aspirantov stroitel'no-tekhnologicheskogo fakul'teta i na XX nauchno-issledovatel'skoi konferentsii instituta. Moskva, Mosk. inzhenerno-stroit. in-t im. V. V. Kuibysheva, 1961. 14 p.

Molding elements of industrial buildings on a two-frequency vibroplate. V. I. Nadol'skii, V. A. Pavlov. Trudy NIIZHB no. 29:92-97 '62

Propagation and reverberation of vibrations in stiff concrete mixes under surface vibration. A. E. Desov, IU. M. Churkin Trudy NIIZHB no. 29 76-91 '62

Technology of manufacturing high-strength fine concrete using high-frequency and multiple-frequency vibrations. A. E. Desov, V. I. Nadol'skii. Trudy NIIZHB no. 29,53-75 '62.

VIBRATION

Characteristics of vibration sensitivity and its variability in spinal cord diseases [with summary in French]. M. I. Demarina Zhur. nevr. i psikh 62 no 6:840-845 '62.

Effect of a change in the operating conditions on the vibration of a centrifugal fan. A. V. IAkimenko. Sbor. trud. Inst. gor. dela AN URSR no. 12 59-65 '61.

Effect of inoculents and insoluble impurities on the crystallization of bismuth and zinc in a field of elastic vibrations V. E Neimark, I. I Teumin, M. IA Fishkis Lit. prolzv. no. 9 31-32 S '62

Elementary theory of pulse resonance. E. S. Sorokin. Stroi. mekh. i rashch. soor 4 no. 5:27-33 '62.

Interaction of a strongly nonlinear torsional vibration system with the source of energy. A. Subaes Izv. AN Latv. SSR no 4:33-40 '62.

Introduce vibration equipment on a broad scale IA B. Kal'nitskii and others. Gor zhur no 12 62-63 D '62

Measuring the input of elastic vibration power into a load I. I. Teumin. Akust. zhur. 8 no. 3:372-373 '62.

VIBRATION—CONGRESSES

Conference on the problem of vibrations of mechanical systems. E. S. Sorokin. Stroi. mekh. i rashch. soor. 4 no. 5 48-3 of cover '62.

VIBRATION—MEASUREMENT

Device for measuring and recording longitudinal vibrations of the tail spindle of a power head. V. M. Pestunov. Stan. i instr. 33 no. 11:41-42 N '62.

Reciprocity calibration of vibration pickups. A. E. Kolesnikov. Izm. tekh no. 11:53-56 N '62.

VIBRATORS

Coal drying by means of vibration (from "Colliery Guardian," May, 1961, "Annales des Mines," March, 1962). N. S. Makogon, A. K. Eremenko. Ugol' Ukr. 6 no. 8: 45 Ag '62.

Preparation of emulsions for oiling wool blends by means of hydrodynamic vibrators S. D. Lein. Tekst. prom. 22 no. 11:64-67 N '62.

Vibration unit for compacting a concrete mix. M. P. Pribyl'skii. Stroi. i dor. mash. 7 no. 10:21-22 O '62.

VIDEO RECORDING see Video tape recorders and recording

VIDEO TAPE RECORDERS AND RECORDING

Long-playing and television magnetic tapes (with summary in English on p. 96). M. S. Chel'tsova, I. I. Eliasberg, A. S. Eisurovich. Tekh. kino i telev. 6 no. 12:1-9 D '62.

Reproduction of video signals recorded by a transverse track technique on magnetic tape. P G Tager Elektrosviaz' 16 no 11:30-37 N '62.

VIETNAM, NORTH—ETHNOLOGY

Materials on the social and family organization of the Puok people [with summary in English]. Fang Hau Zat Sov etn no 5 48-56 S-O '62.

VIETNAM, NORTH—FIRES AND FIRE PREVENTION

In a land of friends IA Simonov Pozh delo 8 no. 11 30-31 N '62.

VIETNAM, NORTH—KARST

Karst of Northern Vietnam. M. A. Zubashchenko. Izv. Vor. otd. Geog. ob-va no. 3 159-165 '61.

VIETNAM, NORTH—LANGUAGES

The "Kua" languages in North Vietnam S. A. Arutiunov Krat. soob Inst. etn no 37:76-80 '62.

VIETNAM, SOUTH—MILITARY ASSISTANCE, AMERICAN

Aggressors in jungles IU. IAnev. Av. i kosm. 45 no. 11:92-95 '62.

VIETNAM, SOUTH—PHYSICAL EDUCATION AND TRAINING—TEACHER TRAINING

Training of physical education personnel in the Democratic Republic of Vietnam. V. I. Il'inich. Teor. i prak fiz. kul't. 25 no. 6:49-50 Je '62.

VIKTORIN KORNEL ZE VŠEHRD, ca 1460-1520

"Master Viktorinus Cornelius of Všehrdy and the further development of Czech law" [in Czech] by R. Vaněček. Reviewed by A. S. Myl'nikov. Izv vys. ucheb. zav., prav 6 no. 3:178-180 '62.

VILNIUS—PRINTING—HISTORY

Anushkin, A. I. [In the famous city of Vilnius; an outline history of printing] Vo slavnom meste Vilenskom, ocherki iz istorii knigopechatania. Moskva, Iskusstvo, 1962. 170 p.

VILYUY VALLEY—ALLUVIUM

Structure and distribution of alluvial sediments in the ancient valleys of the middle Vilyuy Basin. A. P Levina Inform. sbor. VSEGEI no 52:39-48 '62.

VILYUY VALLEY—SOILS

Akademiia nauk SSSR, IAkutskii filial, Yakutsk, Institut biologii. [Soils in the Vilyuy Basin and their use] Pochvy Viliuiskogo basseina i ikh ispol'zovanie. Moskva, Izd-vo Akad. nauk SSSR, 1962. 203 p.

VIMBA see subdivision under Danube River; Dnieper River,

VINNITSA PROVINCE—FARM MANAGEMENT

Objective evaluation of proper use of land. P. F. Vedenichev, P. P. Marakulin. Visnyk sil'hosp. nauky 5 no. 6:3-7 Je '62.

VINNITSA PROVINCE—PUBLIC HEALTH

Medical personnel requirements and the extent they are met. F. S. Riukov. Sov. zdrav. 21 no. 8:30-35 '62.

VINYL ACETATE POLYMERS

Preparation of fiber-forming copolymers of acrylonitrile and vinyl acetate. I. S. Dorokhina, V. S. Klimenkov, A. D. Abkin. Khim. volok. no. 5:16-21 '62.

VINYL ALCOHOL POLYMERS

Akopian, A. E. [Synthetic fibers with a base of polyvinyl alcohol] Sinteticheskoe volokno na osnove polivinilovogo spirta. Erevan, Armianskoe gos. izd-vo, 1961.

VINYL COMPOUND POLYMERS

Adhesives for poly(vinyl chloride). T. A. Ignatova, R. S. Barshtein. Plast. massy no. 10:61-62 '62.

Hygienic evaluation and use of underwear made of chlorin (perchlorovinyl) for therapeutic purposes. K. A Rapoport. Sov. med. 26 no. 10:110-114 O '62.

VINYL COMPOUND POLYMERS—PHYSIOLOGICAL EFFECT

Protective action of phytolipopolysaccharides and VB-2 against the effects of radiation. V. A. Sondak and others. Dokl. AN SSSR 146 no 4:925-928 O '62.

VINYL COMPOUNDS

Orientation of the addition and the reactivity of a vinyl group in the reactions of secondary amines with vinyl compounds of tri- and pentavalent phosphorus. M. I. Kabachnik, E. N. TSvetkov, Chzhan Zhun-lai [Chang Jung-yu]. Zhur. ob. khim. 32 no. 10:3340-3350 O '62.

Thermal condensation of trichlorosilane and methyldichlorosilane with vinyl chloride. S A. Golubtsov and others. Plast massy no. 10:21-26 '62.

VINYLATION

Methods of the indirect synthesis of phthalylglycine vinyl esters. M. F. Shostakovskii, E. S. Shapiro. Zhur. ob. khim. 32 no. 10:3137-3141 O '62.

VIRGIN TERRITORY—ACCOUNTING

The accountant. A. Panichev. Nar. khoz. Kazakh. 20 no. 9:20-22 S '62.

VIRGIN TERRITORY—AGRICULTURAL WORKERS

We should show concern for our young workers. R. Dergatov. Part zhizn' Kazakh 32 no 11,61-63 N '62.

VIRGIN TERRITORY—CONSTRUCTION WORKERS

Ten-thousand students at the construction sites of the Virgin Territory. V. M. Orel. Vest. vys. shkoly 20 no. 11,55-58 N '62.

VIRGIN TERRITORY—FRIT FLIES—EXTERMINATION

Swedish fly in the Virgin Territory. S. P. Shmidt. Zashch. rast ot vred. i bol 7 no. 5 28 My '62

VIRGIN TERRITORY—GRAIN—HARVESTING

Advantages of double windrows in harvesting grain crops. V. Smyshliaev. Ekon. sel'khoz. 33 no. 10:74-76 O '62.

VIRGIN TERRITORY—HARVESTING MACHINERY

Harvesting machinery for the Virgin Territory. A. S. Grigor'eva, P. A Novikov. Zemledelie 24 no 8:58-64 Je '62.

VIRGIN TERRITORY—RODENT CONTROL

Seeding field strips with baits to control rodents. N. P. Kozlov Zashch. rast ot vred. i bol. 7 no. 5:31 My '62

VIRGIN TERRITORY—TILLAGE

Principles governing tillage in the steppe areas of the Virgin Territory S. S. Sdobnikov Zemledelie 24 no. 10:8-16 O '62.

VIRGIN TERRITORY—WHEAT

Principles governing tillage in the steppe areas of the Virgin Territory. S. S Sdobnikov. Zemledelie 24 no 10 9-16 O '62

VIRGIN TERRITORY—WILD OATS

New developments in controlling the wild oat in virgin lands. N. A. Shipilov, G. A. Markelov, V. F Ladonin. Zashch. rast. ot vred. i bol. 7 no. 3:33-34 Mr '62

VIROLOGY

Current status of and prospects for the development of virology [with summary in English]. V. M. Zhdanov. Sov. med. 26 no. 7:3-6 Jl '62.

Removal of methacrylate and the contrasting of viral particles in plant tissue sections; a method for electron microscopic study. V. A. Smirnova, V. A. Shtein-Margolina. Biofizika 7 no. 4:476-478 '62.

VIROLOGY—ABSTRACTS

Annotations of articles submitted to the editors. Vop. virus. 7 no 5:622-628 S-O '62.

VIRUS DISEASES

Clinical aspects of group of viral etiology [with summary in English]. N. I. Nisevich and others. Vop. okh. mat. i det. 7 no. 4:23-29 Ap '62.

Possible viral etiology for amyotrophic lateral sclerosis [with summary in English]. L. A Zil'ber and others. Vop virus. 7 no. 5:520-526 S-O '62.

Preparation of polyvalent vaccines against virus diseases of swine I. P Lysenko, O M T'Symbal, M. Z. Kul'bachna. Visnyk sil'hosp nauky 5 no 5 77-81 My '62

Role of viruses in the origin of leukemia in animals and man [with summary in English]. L. A. Zil'ber. Vop. onk. 8 no. 8:63-74 '62.

VIRUS DISEASES OF PLANTS

Harmfulness of the virus yellows of sugar beets in the Ukraine. V. O. Horlushyn, Z A. Misevych Visnyk sil'hosp nauky 5 no 5 31-34 My '62

VIRUS RESEARCH

Age susceptibility of white mice to strains of fixed rabies virus. S S. Maksumov. Trudy TashNIIVS 6:150-162 '61

Penetration of fixed rabies virus into the salivary glands of experimentally infected animals. S. S. Maksumov. Trudy TashNIIVS 6:163-166 '61.

VIRUSES

Intestinal viruses carrier state in healthy children before and after vaccination with live poliomyelitis vaccine [with summary in English]. A. Voirat. Izv. AN Latv. SSR no. 4,139-144 '62.

Preformation and epigenesis in the development of viruses. V. L. Ryzhkov. Vop. virus. 7 no. 5:515-519 S-O '62.

Sizes of the cell nuclei in normal monostratal cultures of monkey kidney tissue and in those spontaneously infected with viruses [with summary in English]. IA. E. Khesin, F. V. Voronina, E. R Pilis. Vop. virus. 7 no. 5:602-606 S-O '62.

Structure of the polyoma virus [with summary in English]. N. A Kiselev, I. S. Irlin. Biokhimiia 27 no. 4:656-662 Jl-Ag '62

Unique pathological changes of unknown etiology in the cells of a monkey kidney tissue culture. L. L. Mironova, O. F. Sarycheva, V. A. Lashkevich. Vop. virus. 7 no. 5:515-516 S-O '62.

Viruses and the origin of cancer. L. A. Zil'ber. Priroda 51 no. 11:33-40 N '62.

VISCOSE

Possibility of producing complex compounds with modifying agents during the process of viscose fiber formation. A.S.Shevchenko, A.A.Konkin, A.T Serkov. Khim.volok. no.5:27-30 '62.

Zinc sulfate regeneration in the production of extra strong viscose cord. A.T.Serkov, I.N Kotomina, V.A. Kolchin. Khim.volok. no 5 30-32 '62.

VISCOSIMETRY

Effect of calcium oxide and calcium fluoride on the viscosity of slags in the system MgO - SiO_2 - Al_2O_3. N.L. Zhilo [Shor.trud.] Nauch.-issl.inst.met. no 4: 101-114 '61.

Viscosity of high-magnesium blast furnace slags with 10 to 20% ferrous oxide. G.P.Vinitkin, N.L.Zhilo, M.IA.Ostroukhov. Izv.vys.ucheb.zav., chern.met 5 no 10:25-30 '62.

Viscosity of high-magnesium iron slags. G.P.Vinitkin, N.L.Zhilo, M.IA Ostroukhov. [Shor.trud.] Nauch.-issl. inst.met no.4 20-32 '61

VISCOSITY

Special properties and viscosity of liquids condensed in capillaries. B.V.Deriagin, N.N.Fedyakin. Dokl. AN SSSR 147 no.2 403-406 N '62.

VISION

Determination of "instantaneous" visual acuity in prescribing optic reading aids for subjects with weak and residual vision. V.V.Alimpiev. Vest.oft no.6:77-79 '62.

VISION RESEARCH

Changes in the foveal receptor fields in man. V.D.Glezer, Z.N. Ziazina, L.N.Smolenskaia. Biofizika 7 no.4:486-488 '62.

VISITORS, FOREIGN see subdivision under Ukraine

VISUAL EDUCATION

Psychological aspects of the use of visual aids in grades 5 and 6. O.S.Vasyl'lova Ukr.ist zhur. 6 no.4:88-91 Jl-Ag '62.

VITAMIN THERAPY

Some ways of compensating for oxygen deficiency in pneumonias in infants [with summary in English]. T.A. Lebedinskaia, A.A. Ananenko. Sov.med. 26 no.10:82-87 O '62.

VITAMINS

Determining of vitamins B_1, B_2 and PP content in gingerbread. A G Egorova, L.N.Kazanskaia Khleb i kond prom. 6 no.11 26-28 N '62

"Importance of vitamins and nitrofurans in obstetrics and gynecology" by R.L.Shub Reviewed by N Stolygvo. Izv.AN Latv.SSR no.7:139-140 '62.

Use of vitamins in the training of foreign swimmers. S.Vaitsekhovskii, V.Mil'shtein. Teor.i prak.fiz.kul't. 25 no.6:53-54 Je '62.

VITAMINS—B_1 see Thiamine

VITAMINS—B12 see Cyanocobalamine

VITAMINS—C see Ascorbic acid

VITAMINS—D

Vitaminization of whale fat by vitamin D. A.G.Sergeev. Masl.zhir.prom. 28 no.7:39-40 Jl '62.

VITAMINS—D2 see Ergocalciferol

VITAMINS—K

Nature of the antagonistic relations between vikasol and dicoumarin [with summary in English]. I I Ulanovich. Farm.i toks. 24 no.6:726-729 N-D '61.

VITAMINS—P

Kiev. Medychnyi instytut. [Problem of the interaction of vitamins C and P, galascorbin, its chemical, biological and therapeutic properties] K problemo vzaimodeistvila vitaminov C i P., galaskorbin, ego khimicheskie, biologicheskie i terapevticheskie svoistva. Sbornik nauchnykh trudov pod red. E.F.Shamrain. Kiev, Gosmedizdat USSR, 1962. 274 p.

VITEBSK—TEXTILE INDUSTRY

Useful trip. M.K.Ivonina. Tekst.prom. 22 no.10:87 O '62.

VITEBSK PROVINCE—RICKETS

D-hypovitaminosis in swine and its treatment [with summaries in English, German, and French]. P.IA Konopel'ko. Vest.sel'khoz.nauki 7 no.9:76-79 S '62.

VITEBSK PROVINCE—SWINE—DISEASES AND PESTS

D-hypovitaminosis in swine and its treatment [with summaries in English, German, and French]. P IA. Konopel'ko. Vest sel'khoz.nauki 7 no 9:76-79 S '62.

VITREOUS HUMOR

Antigenic properties of the vitreous body [with summary in English]. L.T.Gil', T.A.Kolotova. Vest.oft. no.1: 68-71 '62.

VLADIMIR—DECORATION AND ORNAMENT, ARCHITECTURAL

Hercules' exploits in the decoration of the Cathedral of St. Dmitrii in Vladimir. V.P.Darkevich. Sov.arkheol. 6 no.4:90-104 '62.

VLADIMIR PROVINCE—WHOLESALE TRADE

Concluded agreements and unused possibilities. I Arkad'ev Sov potreb.koop 6 no 7:6-8 Jl '62

VLASOV, ALEKSANDR VASIL'EVICH, 1900-1962

A.V. Vlasov Arkhit.SSSR no.10:55 '62

A.V Vlasov. Stroi.i arkhit.Len. 24 no.10:39 O '62.

VOCATIONAL EDUCATION

(see also subdivision under Altai Territory, Azerbaijan, Germany, East; Lithuania; Sverdlovsk Province)

Class advisor and work training of students S.I. Sitkevich, and others Sred.spets.obr 9 no 8 5-15 Ag '62.

Editor's mail. A.Petrov and others. Prof.-tekh.obr. 19 no.10 27 O '62

Fruits of a good friendship. V I Khizhniak, V N Naumov Sred spets obr 9 no 8 36-41 Ag '62

Let's create exemplary school workshops. A.Petrov, N.Potapov. Prof.-tekh.obr. 19 no.10:15-16 O '62

Let's improve the quality of instruction and training in the new school year Sred.spets obr 9 no 8 1-4 Ag '62

Let's inculcate a communist attitude toward labor. Prof.-tekh obr. 19 no.10:1-2 O '62.

News from schools. M.Ustiugov, M.Garbarchuk. Prof.-tekh.obr. 19 no.10:32 O '62

On research. M.I.Levin. Sred.spets.obr. 9 no.10: 56 O '62.

Organizing the work area of students and instructors N I Makienko Sred.spets obr. 9 no 8 51-55 Ag '62

Planning the connection between general and special subjects in the study of specific topics P. P. Pustovoit Shkola i proizv 6 no 5:72-73 My '62

Role of productive labor in the development of the drive for knowledge in students. V.S.Il'in. Sov.pedag 26 no.6:56-63 Je '62.

Stimulation of students during specialized technology lessons. A.Mekkel'. Prof.-tekh.obr. 19 no.10:13-14 O '62.

Training of new abilities. D. Kovalenko. Prof.-tekh. obr. 19 no.10:6-8 O '62.

VOLCANIC ASH, TUFF, ETC.

(see also subdivision under Mayya Valley)

Significance of the volcanic process in the formation of sedimentary rocks. N.M.Strakhov. Sov.geol 5 no.9:8-23 S '62.

VOLCANOES

(see also subdivision under Elbrus, Mount, Kamchatka, Kurile Islands, Patom Plateau)

Sviatlovskii, A.E. [Volcanoes and electric-power plants] Vulkany i elektrostantsii. Moskva, Izd-vo "Znanie," 1962. 31 p. (Novoe v zhizni, nauke, tekhnike. *XII Serila. Geologiia i geografiia, no.18*)

VOLGA-AKHTUBA FLOOD PLAIN—RODENTIA

Effect of floods and April-May precipitation on the autumnal abundance of small murine rodents in the Volga-Akhtuba Flood Plain [with summary in English]. I.A Bakhtigozin. Zool.zhur. 41 no 7:1075-1082 Jl '62

VOLGA DELTA—FISHES—MIGRATION

Studying the one day's distribution of young fishes as one of the methods of ecologic research. A.F.Koblitskaia. Vop.ekol. 4:118-119 '62.

VOLGA HILLS—LANDFORMS—MAPS

Landform mapping under the conditions of the erosion-residual relief of the Volga Hills. F.V.Tarasov. Izv. Vor.otd.Geog.ob-va no.3 167-169 '61.

VOLGA HYDROELECTRIC POWER STATION (22d CONGRESS OF THE CPSU)

Experimental hydraulic generator at the Volga Hydroelectric Power Station (22d Congress of the CPSU). E.V.Shkol'nik, G.B.Pinskii, A.F.Novikov. Biul. tekh.-ekon.inform.Gos.nauch.-issl.inst.nauch.i tekh. inform. no.11:69-72 '62.

VOLGA RIVER—FISHES

Adaptive changes of the biological indices of the floodplain and river fishes of the lower Volga River during the construction of Volgograd Reservoir. N.A. Konstantinova. Vop.ikht. 2 no.2:247-261 '62.

VOLGA RIVER—HERRING

Feeding and food resources of herring larvae in the lower Volga before and after the construction of the Volgograd Dam. R.P.Maiseeva. Vop.ikht. 2 no.2. 325-335 '62.

VOLGA RIVER—ROACH (FISH)

Characteristics of the mature roe of roach (Rutilus rutilus caspicus Jak.) in relation to the nature of the spawning stock. IU.I.Cheprakova, S.G.Vasetskii. Vop.ikht. 2 no.2:262-274 '62.

VOLGA-URAL REGION—GEOLOGY, STRATIGRAPHIC

Concerning the so-called Yasnaya Polyana upper horizon and the Tournaisian and Visean boundary in the Volga-Ural oil-bearing region. V.I.Nikishin. Izv.vys.ucheb.zav.; geol.i razv. 5 no.8:65-71 Ag '62.

VOLGA VALLEY—ARCHAEOLOGY

"Archaeological articles in the Transactions of the Saratov Museum of Regional Study" Nos 1-3 Reviewed by K.F Smirnov Sov.arkheol. 6 no.1 270-273 '62.

VOLGA VALLEY—CLICK BEETLES

Study of ecologic and faunistic zoning of click beetles in the middle Volga Valley [with summary in English] M.M. Aleinikova. Zool zhur. 41 no.7:1020-1040 Jl '62.

VOLGA VALLEY—ETHNOLOGY

"Ethnic history of the Volga-Oka interfluve" by E.I. Goriunova. Reviewed by P.N.Tret'iakov. Sov. arkheol. 6 no.1:256-269 '62.

VOLGA VALLEY—GLACIAL EPOCH

Indications of a glacial climate in the upper Pliocene of the lower Volga Valley A.V Vostriakov Dokl.AN SSSR 147 no 1 181-183 N '62

VOLGA VALLEY—GRAIN—DISEASES AND PESTS

Control of grain beetles (Coleoptera, Scarabaeidae) under conditions of row crop farming as exemplified in the Volga Valley[with summary in English]. K P. Grivanov. Ent oboz. 41 no.2:249-261 '62.

VOLGA VALLEY—HISTORICAL RESEARCH

The Second Regional Interuniversity Conference in Gorkiy. M.N. Belov. Ist.SSR 6 no.6:220-221 N-D '62.

VOLGA VALLEY—HYDRAULIC ENGINEERING—TABLES, CALCULATIONS, ETC.

Kuznik, I.A. [Hydraulic calculations in planning hydraulic structures in the Volga Valley] Gidrologicheskie raschety pri proektirovanii gidrotekhnicheskikh sooruzhenii v Povolzh'e. [Saratov] Saratovskoe knizhnoe izd-vo, 1962. 30 p.

VOLGA VALLEY—LAGENIDAE, FOSSIL

Limits of vertical distribution of species of Lagenidae in Jurassic sediments of the Volga Valley K.I. Kuznetsova. Vop.mikropaleont. no.6:107-115 '62

VOLGA VALLEY—SCARABAEIDAE

Control of grain beetles (Coleoptera, Scarabaeidae) under conditions of row crop farming as exemplified in the Volga Valley [with summary in English] K.P. Grivanov. Ent.oboz. 41 no 2:249-261 '62.

VOLGA VALLEY—SOIL MOISTURE

Bykov, N.I. [Agronomic characteristics of soil moisture conditions in the middle Volga Valley] Agrogidrologicheskie svoistva pochv Srednego Povolzh'ia; spravochnik. Leningrad, Gidrometeoizdat, 1962. 235 p.

VOLGA VALLEY—WATER, UNDERGROUND—ANALYSIS

Dynamics and chemistry of the waters of the Alb-Senoman horizon in the regions of the middle Don and the right bank of the upper Volga. N.D.Kozlova. Trudy Lab.gidrogeol.probl. 40:114-124 '62.

VOLGOGRAD—APARTMENT HOUSES

Liplavkin, A.F., and G.F.Borisenko. [Apartment houses built of silicate blocks without cement] Stroitel'stvo bestsementnykh zhilykh domov iz silikatnykh i armosilikatnykh blokov. Moskva, Gosstroiizdat, 1962. 56 p. (Opyt stroitel'stva v Volgograde)

VOLGOGRAD—ELECTRIC POWER PLANTS

Kuz'michev, V.I., ed. [The lights of the Volgograd State Regional Electric Power Plant] Ogni Volgogradskoi GRES. [Volgograd] Volgogradskoe knizhnoe izd-vo, 1962. 113 p.

VOLGOGRAD—IRON AND STEEL WORKERS

The working class is the name of the hero. N.Bykov, V.Pavlov Ogonek 40 no.45 1-6 N '62.

VOLGOGRAD PROVINCE—APARTMENT HOUSES

Multistory houses in villages in Volgograd Province. V.Grinlakin. Sel'.stroi. no.10:15 O '62.

VOLGOGRAD PROVINCE—CONSTRUCTION INDUSTRY

Creation of a new industrial district on the lower Volga. A.A.Andreev. Prom.stroi. 40 no.8:3-4 '62.

Organization of the construction of the Volga industrial complex. I.I.Blilukov. Prom.stroi. 40 no.8:5-7 '62.

VOLGOGRAD PROVINCE—EDUCATION, COMPULSORY

Let's pay maximum attention to the problems of compulsory education. N.Damidov. Nar.obr. no.11: 10-13 N '62.

VOLGOGRAD PROVINCE—ELECTRIC POWER PLANTS

Assembly of reinforced concrete elements of the main building of the Volga Thermal Electric Plant. T.N. Neznsev Prom.stroi. 40 no.8:18-22 '62.

VOLGOGRAD PROVINCE—FARM PRODUCE—TRANSPORTATION

Volgograd workers have kept their promise. V.Kuznetsov. Avt.transp. 40 no.10:13-15 O '62.

VOLGOGRAD PROVINCE—INDUSTRIAL BUILDINGS

Experience with construction of industrial buildings on macroporous soil. B M Boinov, V.I Bondarenko Prom. stroi 40 no 8:8-11 '62

VOLGOGRAD PROVINCE—METEOROLOGY—OBSERVATIONS

Meteorological observations during the total solar eclipse of February 15, 1961, in Volgograd Province. B D Formenko. Biul. VAGO no.32 32-34 '62.

VOLGOGRAD PROVINCE—MINERALOGY

Secondary alterations and neocrystallizations in the rocks of the Semiluki horizon in the Archeda region. A.V. Kopelovich, P.A. Menialienko. Izv. vys. ucheb. zav., geol i razv. 5 no.8 72-84 Ag '62.

VOLGOGRAD PROVINCE—RURAL ELECTRIFICATION

A mechanized production-line method in the construction of rural electric lines M. Glushkin. Sel' stroi. no.10 16 O '62.

VOLOGDA PROVINCE—AFFORESTATION

Sowing conifer seeds on logging trails formed by the L-19 timber skidding winch. A I Iroshnikov Trudy Inst lesa i drev. 53 83-86 '62.

VOLOGDA PROVINCE—ARCHAEOLOGY

"Collected articles on the archaeology of Vologda Province" Reviewed by E. I. Gorlunova Sov. arkheol 6 no 4 274-277 '62.

Vologda. Oblastnoi kraevedcheskii muzei. [Collected articles on the archaeology of Vologda Province] Sbornik po arkheologii Vologodskoi oblasti. [Vologda] Vologodskoe knizhnoe izd-vo, 1961. 203 p.

VOLOGDA PROVINCE—CORN (MAIZE)

Combined crops of corn with legumes. E. Lapin. Shkola i proizv. 5 no.5:84-85 My '62

VOLOGDA PROVINCE—DRAINAGE

Some results of investigating the drainage of sphagnum pine forests. E. D. Sabo Trudy Inst lesa i drev. 53: 204-211 '62.

VOLOGDA PROVINCE—FOREST ECOLOGY

Some results of a station study on the interaction of forest and bog in the subzone of the central taiga. N I Pitavchenko, Z A Sibireva. Trudy Inst lesa i drev 53:174-203 '62.

Some results of investigating the drainage of sphagnum *pine forests.* E. D. Sabo Trudy Inst lesa i drev 53: 204-211 '62.

VOLOGDA PROVINCE—FOREST REPRODUCTION

Natural regeneration of spruce in *main types of spruce* forests in the subzone of the central taiga. A A Izvekov. Trudy Inst. lesa i drev. 53 25-62 '62

VOLOGDA PROVINCE—HARDWOODS

Changes of the growing organic mass in spruce and spruce-hardwood stands in the central taiga as related to their age. V V. Smirnov. Trudy Inst. lesa i drev. 53 103-125 '62

VOLOGDA PROVINCE—LARCH

Using airplanes for sowing in the introduction of larch in Vologda Province. A.I Iroshnikov. Trudy Inst. lesa i drev. 53:238-244 '62

VOLOGDA PROVINCE—LEGUMES

Combined crops of corn with legumes. E. Lapin Shkola i proizv 5 no 5:84-85 My '62

VOLOGDA PROVINCE—SPRUCE

Changes of the growing organic mass in spruce and spruce-hardwood stands in the central taiga as related to their age. V. V. Smirnov. Trudy Inst lesa i drev. *53 103-125 '62*

Natural regeneration of spruce in main types of spruce forests in the subzone of the central taiga. A A. Izvekov. Trudy Inst. lesa i drev. 53 25-62 '62

VOLOGDA PROVINCE—SWAMPS

Some results of a station study on the interaction of forest and bog in the subzone of the central taiga. N. I Pitavchenko, Z. A. Sibireva. Trudy Inst lesa i drev. 53:174-203 '62.

VOL'SKII, MIRON EFIMOVICH, 1891-1958

Vol'skii, M. E. [Selected works] Izbrannye trudy. Frunze, Kirgizskoe gos. izd-vo, 1962. 257 p. (DNLM)

VOLTAGE REGULATORS

Principle of the operation of a single-phase to three-phase voltage *converter with* ferroresonant voltage stabilizers. E. P. Mikshta. Izv. *AN SSSR*, Otd. tekh. nauk, Energ. i avtom. no. 5:39-44 S-O '62.

VOMITING

Treatment of vomiting in pregnancy. I.S. Legenchenko. *Zdrav. Bel.* 8 no.7:72 Jl '62.

VORONEZH—DISTRIBUTIVE EDUCATION

Conferences. *V. Popenkova* Sov. torg. 35 no. 7:36 Jl '62.

VORONEZH—ORE DRESSING—EQUIPMENT AND SUPPLIES

Machines manufactured by the Voronezh Ore-Dressing Equipment Factory V. I. Zinov'ev, V. G. Gololobov, A. I. Grishechkin Gor. zhur. no. 6:65-67 Je '62

VORONEZH—TIRES, RUBBER

Restoration of curing bags at the Voronezh Tire Factory. E. M. Aristov Kauch. i rez. 21 no. 9:51-52 S '62.

VORONEZH—YOUTH

Demidov, R. G. [The beginning of a great journey, Voronezh youth in the revolutionary movement from 1872-to 1910] Nachalo bol'shogo puti, voronezhskaia molodezh' v revoliutsionnom dvizhenii 1872-1910 gg. Voronezh, Izd-vo Voronezhskogo univ., 1961. 45 p. (CSt-H)

VORONEZH PROVINCE—ADMINISTRATION AND POLITICAL DIVISIONS

Lower administrative regionalization of Voronezh Province. G T. Grishin Izv Vor otd Geog ob-va no. 3: 37-43 '61.

VORONEZH PROVINCE—CITIES AND TOWNS

Role of Voronezh Province cities in creating regions. N I. Korzhov Izv. Vor. otd Geog ob-va no. 3 45-52 '61.

VORONEZH PROVINCE—CORN (MAIZE)

Evaluation of weather influence on the speed of corn development and yield in Voronezh Province. A. T Chulkova. Izv. Vor. otd. Geog. ob-va no 3:153-158 '61.

VORONEZH PROVINCE—CROPS AND CLIMATE

Evaluation of weather influence on *the speed of corn* development and yield in Voronezh Province A. T. Chulkova. Izv. Vor otd Geog. ob-va no. 3:153-158 '61.

VORONEZH PROVINCE—LANDFORMS—MAPS

Relief of Voronezh Province on maps. Sh. S. Poletaeva. Izv. Vor otd. Geog. ob-va no 3:147-151 '61.

VORONEZH PROVINCE—PETROLEUM INDUSTRY—FIRES AND FIRE PREVENTION

The advantages of a joint action. N. Kriuchkov, D. Kaurkovskii Pozh delo 8 no 11 13 N '62.

VORONEZH PROVINCE—STOCK AND STOCKBREEDING

Plan of breeding work in action. M. K. Sezemov. Zhivotnovodstvo 22 no 2:48-50 F '60.

VORONEZH PROVINCE—WHEAT

Complex of cultivation practices ensuring a higher yield *of durum wheat* [with summaries in English, German, and French] A M Alekseeva Vest sel'khoz nauki 7 no 9 39-42 S '62

VORONEZH VALLEY—PHYSICAL GEOGRAPHY

Several structural features of the *flood plain land near* the terraces of the Voronezh River. A. V. Kravchenko. Izv. Vor. otd. Geog ob-va *no. 3, 87-89 '61.*

VOROSHILORGAND PROVINCE see Lugansk Province

VOTKINSK HYDROELECTRIC POWER STATION—EARTHMOVING MACHINERY

Mechanization of the trimming of trenches and loosening of frozen ground in construction of the Votkinsk Hydro*electric Power Station.* Iu. S. Lukenberg. Mekh. stroi. 19 no. 11:19 N '62.

VRATSA DISTRICT—KIDNEYS—DISEASES

Characteristics of the etiology and clinical aspects of chronic nephritis observed in the Vratsa District of Bulgaria I. Tanchev. Sov med. 26 no. 10:140-143 O '62.

VULCANIZATION

Thermomechanical properties of crystallizing rubber vulcanizates [with summary in English]. M. F Bukhina, *B. M. Gorelik* Vysokom soed. 4 no 9.1390-1393 S '62.

VULVA—CANCER

Morphological changes in cancer of the vulva *depending* on the method of preoperative radiotherapy [with summary in English] N. P Paplian, T. E. Gosh. Med. rad. 7 no 7:17-25 Jl '62.

VYBORG REGION—GUIDEBOOKS

Adaskina, V. I., I. P. Vassel', and E. M. Rior. [Vyborg and its environs; concise guidebook] Vyborg i ego okrestnosti; kratkii putevoditel'. Pod red. I. P. Shaskol'skogo. [Leningrad] Gidrometeoizdat, 1961. 182 p.

VYCHEGDA VALLEY—GEOLOGY, STRATIGRAPHIC

Quaternary sediments in the Kama-Vychegda interfluve. M. A. Spiridonov. Inform. sbor. VSEGEI no. 52:23-30 '62.

VYM' VALLEY—SALT DOMES

Seregovo salt dome. E. A. Kal'berg. Mat. po geol. i pol. iskop. Sev.-Vost. Evrop. chasti SSSR, no. 2:49-59 '62.

VYSHINSKII, ANDREI IANUAR'EVICH, 1883-1954

For the complete *elimination of the surviving* traces of the personality cult in legal science. Izv. vys. ucheb. zav.; prav. 6 no. 3:3-14 '62.

VYSHNEGRADSKII, NIKOLAI ALEKSEEVICH, 1831-1872

N A. Vyshnegradskii and his role in the development of women's education in Russia, 1831-1872. V. P. Lapchinskaia. Sov. pedag 26 no. 6, 112-124 Je '62

WAGES

Combination of ethical stimuli with material self-interest. V. Purin, A. Akovitskii Part. zhizn' Kazakh no. 11:44-49 N '62.

[Regulations on the remuneration of workers and employees] Raschety *s* rabochimi i sluzhashchimi, sbornik ofitsial'nykh materialov. Moskva, Gosfinizdat, 1963. 389 p.

Shortened workday and the new wage system. V. Aleksandrova. Blok. agit. [for Ukr.] no. 20:1-10 O '62.

Urgent problems of wages and work norms in ship repairing. L. E. Gurin. Trudy TSNIIMF no. 39:13-30 '60.

WAGES—ACCOUNTING

Accounting for output and wages based on the finished product. M. Gernshtinov and others. Bukhg. uchet 18 no. 10 1-27 O '62.

WAGES—COAL MINERS

Consultation Sov. shakht. 11 no. 11 34-35 N '62

WAGES—CONSTRUCTION INDUSTRY

A new system of paying bonuses in construction. Iu. Pak. Ekon. stroi. no. 11:32-36 N '62.

Problems of paying bonuses in construction. I kon. *stroi. no. 11:63-64 N '62.*

WAGES—MACHINERY INDUSTRY

Characteristics of the legal regulation of wages in the machinery and metalworking industry of the U. S. S. R. P. S. Listopadov. Izv. vys. ucheb. zav.; prav. 6 no. 3 135-141 '62.

WAGES—MOTORBUS DRIVERS

Simple method for calculating bonuses for bus conductors. A. Artem'ev, M. Kon' Avt. transp. 40 no. 10 35-37 O '62.

WAGES—PROSPECTING

Consultation on wage problems. Razved. i okhr. nedr 28 no. 10.61-62 O '62.

Practice of using a wage system of an established pay for a set amount of work in prospecting operations. V. M. Gurov. Razved. i okhr. nedr 28 no. 10 60-61 O '62.

WAGES—TRUCK DRIVERS see subdivision under Maritime Territory

WAGES AND LABOR PRODUCTIVITY

Work measure. Sh. Mamatkazin Nar. khoz. Kirg. 6 no. 10 42-46 O '62

WALKING

Tactics in competitions in orientation exercises in hiking. G. N. Vasil'eva. Teor. i prak. fiz. kul't. 25 no. 6 Je '62.

WALL NEWSPAPERS

Efficient helpers of party organizations V. Chistyakov. Agitator no. 21:57-59 N '62

WALLACE, ALFRED RUSSEL, 1823-1913

The dispute on the nature of human consciousness between Darwin and Wallace. G. Gurev. Nauka i zhizn' 6 no. 10:24-27 O '62.

WALLS

Movable partitions. V. Koval'kov. Arkhit. SSSR no. 5: 47-53 '62.

Rokhlin, I. A. [Vibrated slabs made of stone materials] Vibropaneli iz kamennykh materialov. Kiev, Gosstroiizdat USSR, 1962. 44 p.

WALLS—THERMAL PROPERTIES

Basic problems in the theory *of heat resistance.* A M. Shklover. Izv. ASIA no. 3.97-98 '62.

Coefficient of heat assimilation. K. F. Fokin. Izv ASIA no. 3:96-97 '62.

Theory of the heat resistance of exterior walls of *buildings.* V. L. Shevelkov. Izv. ASIA no. 3 92 96 '62

WALRUSES see subdivision under Pacific Ocean

WAR

Kirillov, A. A. [Prevention of war is the most important problem of our time] Predotvrashchenie voiny - vazh neishaia problema sovremennosti. Moskva, Sotsekgiz, 1962. 113 p.

WAR (INTERNATIONAL LAW)

International law through the Pentagon's prism. F. Kozyrev. Mezhdunar. zhizn' 9 no. 12:3-9 D '62.

WAR CRIMINALS see subdivision under Germany, West

WARBLERS see subdivision under Tajikistan

WARPING MACHINES

Comparing labor productivity in case of continuous and *intermittent* warping. L. L Brusnikina. Izv vys ucheb. zav.; tekh. tekst. prom. no. 5:3-10 '62.

Mechanical device for brake release of the drum of section warping machines. S.K. Shcherbin. Tekst. prom. 22 no. 10:78 O '62.

WARSAW PACT, 1955

On guard for peace and security K Filipshkin Voen vest 42 no.5 11-13 My '62

WASHING MACHINES

The KM-1 drum-type washing machine. I V Voronkin, A.N.Deniskin. Biul tekh.-ekon.inform.Gos.nauch.-issl.inst.nauch i tekh.inform. no.11 73-74 '62.

WASHING POWDERS

Characteristics of the washing powder "Novost'"(alkyl sulfate) in connection with the problem of reservoir pollution O.E.Goeva. Trudy LSGMI no.68:121-129 '61.

WASTE PRODUCTS

Using town construction and industrial waste for the fertilization of fields M F Kormilov, B G Khodasevich, K G Churkin Zemledelie 24 no 10 62-68 O '62

WATER

Diffusion of water molecules in nitrolite. S.P.Gabuda. Dokl.AN SSSR 146 no.4 840-843 O '62.

Kinetics and mechanism of the aging of metallic hydroxides. Part.6: Determination of the water content of bivalent metal hydroxides. V P Chalyi, S.P Rozhenko, Z.IA.Makarova. Ukr.khim.zhur. 28 no 8:915-920 '62.

Kinetics and mechanism of the aging of metallic hydroxides. Part.7. Determination of the water content of trivalent metal hydroxides. V P Chalyi, S.P Rozhenko, Z.IA.Makarova. Ukr.khim.zhur 28 no 8:921-923 '62.

WATER—ANALYSIS

Akademiia nauk SSSR. Okeanograficheskaia komissiia. [Conversion tables of the results of hydrochemical analyses] Tablitsy pereschota rezul'tatov gidrokhimicheskikh analizov. Moskva, Izd-vo Akad. nauk SSSR, 1962. 82 p.

Pollanskii, M.IA. [Guide to laboratory work in the course "Feed water purification and water properties in steam boilers"] Rukovodstvo k laboratornym rabotam po kursu "Vodopodgotovka i vodnye rezhimy parovykh kotlov" Leningrad, Leningr. politekhn. in-t im. M.I.Kalinina, 1959. 25 p.

Simultaneous determination in water of small concentrations of copper, lead and zinc. A.S.Rozenfel'd. Trudy LSGMI no.68:144-149 '61.

WATER—LAWS AND LEGISLATION see subdivision under Uzbekistan

WATER—MICROBIOLOGY

Problems of interrelations between algae and bacteria in bodies of water M.M.Tsiticheako, V.D.Fedorov Biul MOIP Otd biol. 67 no 3:148-149 My-Je '62.

Use of the phage titer growth reaction for studying the ways of infection transmission in dysentery. B.IA. Poninvin. Zdrav.Bel. 8 no.7 59-61 Jl '62.

WATER—POLLUTION

(see also subdivision under Kazakhstan, Narva Reservoir, Plyussa River)

Characteristics of the washing powder "Novost'"(alkyl sulfate) in connection with the problem of reservoir pollution. O.E Goeva. Trudy LSGMI no.68:121-129 '61.

Effect of nekal on the sanitary conditions of reservoirs O.E. Goeva. Trudy LSGMI no 68:130-137 '61

Effect of the decomposition of some freshwater macrophytes on the quality of water. O.D Bekusova, K A. Kokin. Biul. MOIP Otd.biol 67 no.3:152-153 My-Je '62.

Maximum permissible concentrations of methylvinylpyridine and methylethylpyridine in the water[supply]. S.A Zimbarova. Trudy LSGMI no.68:138-143 '61.

Sanitary conditions for the emptying into reservoirs of waste waters from the roofing industry. Van Tszy-shi [Wang Tz'u-shih]. Trudy LSGMI no.68:150-160 '61

Standards in reservoirs for the surface-active substances OP-7 and OP-10. O.E.Goeva. Trudy LSGMI no.68: 111-120 '61.

WATER—PURIFICATION

Biological concentration of minute quantities of cesium and strontium in reservoirs with slow circulation Report No.2. A.L.Agre, A.P Raiko. Biul.MOIP Otd. biol. 67 no.3:155-156 My-Je '62

Precast reaction chambers of filter plants made of large-panel elements. N.Karmeliuk. Prom.stroi.i inzh.soor. 4 no.2 41-45 Mr-Ap '62.

Some data on the migration of cesium and strontium radioisotopes from reservoirs with slow circulation. Report No.1. A.L.Agre, B.M.Agafonov. Biul.MOIP. Otd.biol. 67 no.3:154-155 My-Je '62.

Sorption method for the removal of phenol from the waste water of ore dressing plants. V.I.Demidov. TSvet. met. 35 no.7:13-19 Jl '62.

Tower trickling filters for rural localities. I.Sharmanovskii. Sel'.stroi. no.10:28-29 O '62.

WATER, UNDERGROUND

(see also subdivision under At-Bashi Depression; Caucasus; Central Black Earth region; Irkutsk Hydroelectric Power Stations; Kirghizistan; Moscow; Putorana Mountains; Russia, Northern)

Analysis of a case of difference between the predicted and actual course of the rise of the ground water level. M.A.Veviorovskaia. Trudy Lab.gidrogeol. probl. 40:64-81 '62.

A case in the practice of lowering the water level during construction A N Troshchenko. Prom stroi 40 no 9 32-35 '62

Dynamics of underground waters in G.N.Kamenskii's works. I.K.Gavich, S.M.Semenova. Trudy Lab. gidrogeol probl 40 31-50 '62.

G.N.Kamenskii's works on conditions and resources of underground waters. A.V.Lebedev. Trudy Lab. gidrogeol.probl. 40:23-30 '62

Genesis and formation of underground waters in G.N. Kamenskii's works. L.S.Balashov, M.P.Tolstoi. Trudy Lab gidrogeol.probl. 40 51-63 '62

Oganezov, G.G. [Underground waters of the Ararat Depression] Podzemnye vody Araratskoi kotloviny Erevan, Armianskoe gos. izd-vo

Vol.3. [Water cycle of the Aragats Massif] Vodnyi balans massiva Aragats. 1962. 450 p

Potentiometric method for determining the oxidability of natural formation waters. S.I.IAvorskii, V.G.Timofeeva. Zav.lab. 28 no.8 929-930 '62.

Prediction of the fluctuations of the ground water level by the method of finite differences. P.A.Kiselev. Trudy Lab.gidrogeol.probl. 40 82-92 '62.

"Principles of regional estimation of natural resources of underground waters" by B I.Kudelin Reviewed by D I Gordeev Vest Mosk.un-ta Ser 4 Geol 17 no 5 71-75 S-O '62

Russia (1923- U.S.S.R.) Ministerstvo geologii i okhrany nedr. Laboratoriia aerometodov. [Application of aerial methods for the study of underground waters, materials on the studies in Turkmenia, the northwestern regions of the East European Plain, and the Caspian Depression] Primenenie aerometodov dlia izucheniia gruntovykh vod, materialy issledovanii v severo-zapadnykh rainonakh Russkoi ravniny v Prikaspiiskoi nizmennosti Turkmenii Moskva, Izd-vo Akad nauk SSSR, 1962. 141 p.

Use of G.N.Kamenskii's method of finite differences for calculating the seepage factor of water-lowering and water-intake installations. V.M.Shestakova. Trudy Lab.gidrogeol.probl 40:103-113 '62

Use of underground waters in irrigation. M.I.Kaplinskii. Gidr.i mel. 14 no 10:3-15 O '62

WATER, UNDERGROUND—ANALYSIS

(see also subdivision under Don Valley, Ural Mountains, Volga Valley)

A hydrogeological criterion of oil prospecting, Br/I coefficient as an oil prospecting guide. B A Beder Uch zap.VNIGMSa no.5:94-105 '61

Studying the balance of salt of a land area by G.N. Kamenskii' equation. G.IA.Bogdanov. Trudy Lab. gidrogeol.probl. 40 125-130 '62.

WATER, UNDERGROUND—BIBLIOGRAPHY see Bibliography—Water, Underground

WATER, UNDERGROUND—COMPOSITION see subdivision under Mangyshlak Peninsula

WATER GAS

Production of synthesized gas by high temperature conversion of hydrocarbon gases at high pressure. IA S. Kazarnovskii and others. Khim.prom. no 5 396-404 Je '62.

WATER METABOLISM

Significance of metabolic water in the water metabolism of some species of desert rodents of Tajikistan V A. Stal'makova. Trudy Inst. zool. i parazi. AN Tadzh. SSR 22:76-86 '62.

WATER PIPES see subdivision under Leningrad

WATER RESOURCES DEVELOPMENT

(see also subdivision under Africa; Armenia, Sevan Lake region)

Dubrovskii, V.V. [Studying underground waters for purposes of supplying power installations] Izyskaniia podzemnykh vod dlia vodosnabzhenia energeticheskikh ob"ektov; metodicheskoe posobie. Moskva, Gosenergoizdat, 1962. 1962. 176 p.

WATER SPORTS see Aquatic sports

WATER SUPPLY

(see also subdivision under Pechora)

A new stage in rural water supply. S.N.Gusev. Gidr.i mel. 14 no.10:31-37 O '62.

Occurrences of hydraulic disengagement of surface and underground waters in mountain river valleys. V.V. Dubrovskii. Razved.i okhr.nedr 28 no.10:49-51 O '62.

Shifrin, S.M., R.N.Zel'dovich, and P.M.Danilov. [The economics of water supply and sewerage management and construction] Ekonomika vodoprovodno-kanalizatsionnogo khoziaistva i stroitel'stva. Pod obshchei red. S.M.Shifrina. Moskva, Izd-vo M-va kommun. khoz. RSFSR, 1962. 367 p.

WATER SUPPLY—CONGRESSES

Seminar on agricultural water supply and pasture irrigation. A.Ragimov, N.Metlov. Gidr.i mel. 14 no.10: 59-60 O '62.

WATER SUPPLY, RURAL

Simplified water-supply and sewerage structures [U Vernikovskii] Sel'.stroi no 8,16 Ag '62.

WATER-SUPPLY ENGINEERING

(see also subdivision under Ukraine)

Hydraulic working of soil. Suggested by A. V. IUdin. Stroi truboprov 7 no 9 27-28 S '62

WATER TOWERS—ELECTRIC EQUIPMENT

Automatic control system for a water tower. V. Voronov. Sel'. mekh no.4:30-31 '62

WATER TURBINES see Hydraulic turbines

WATER VAPORS

Catalytic oxidation of propylene to acrolein in the presence of water vapors. A.M.Garniah and others. Kin. i kat. 3 no.2 257-260 Mr-Ap '62.

WATER VOLES

Food of the water vole and methods of studying it. N.V.Tupikova, E.G.Miale. Vop.ekol. 4 150-152 '62.

WATER-WORKS INTAKES see Intakes (Hydraulic engineering)

WATERMELONS—DISEASES AND PESTS see subdivision under Ukraine

WATERMELONS—FERTILIZERS AND MANURES see subdivision under Mordovia

WAVE GUIDES

An E_{01} wave in a coaxial cable with eliptical conductors. V.IA.Smorgonskii. Radiotekh.i elektron. 7 no.12: 2003-2006 D '62.

Excitation of a septate rectangular waveguide A.P. Ol'shanskii. Izv vys.uchab zav., radiotekh. 5 no.5 577-584 S-O '62

Measuring the input of elastic vibration power into a load. I.I.Teumin Akust.zhur 8 no.3:372-373 '62.

Methodology for the experimental study of the conversion of waves in short wave guide sections. V V.Meriakri, R.B.Vaganov. Radiotekh.i elektron. 7 no.12 1997-2002 D '62.

A retunable waveguide trap filter. V.A.Klimov. Izv. vys.ucheb.zav., radiotekh. 5 no.5 585-590 S-O '62.

A spiral line with time delay regulation. V.T.Annenkov, V.S.Brykov. Izv.vys.ucheb.zav., radiotekh. 5 no 5 654-656 S-O '62.

Theory of the propagation of electromagnetic waves in a piecewise homogeneous plane wave guide IU.K.Kalinin. Geomag i aer. 2 no.1:79-85 Ja-F '62.

WAVE MECHANICS

Analytical properties of the bound state wave function for a superposition of Yukawa potentials [with summary in English]. M.A.Braun. Zhur.eksp.i teor.fiz 42 no.4.1106-1111 Ap '62

Combined resonance in semiconductors with inversion centers. I.I.Boiko. Fiz.tver.tela 4 no.8 2128-2136 Ag '62.

Wave function of the e-H collision R K Peterkop. Opt.i spektr 13 no.2:153-158 Ag '62.

WAVES

(see also subdivision under Kakhovka Reservoir, Sochi)

Change in the height and length of waves on smooth slopes. A.A.Smirnov. Trudy Gidrav lab.VODGEO no.9:37-60 '62.

Depth of the destruction of waves on smooth slopes. A.A.Smirnov. Trudy Gidrav.lab.VODGEO no.9:177-181 '62.

Instability of Alfven waves. A.A.Galeev, V.N.Oraevskii. Dokl.AN SSSR 147 no 1:71-73 N '62

Laboratory hydraulic studies of seaports. A.S.Ofitserov. Trudy Gidrav.lab.VODGEO no.9:141-176 '62.

Methodology of observing breaker phenomena in a shoal coastal area B.B.Shteinbakh. Trudy GOIN no.66: 121-126 '62.

Some inverse problems in the theory of wave dissemination. No.1. Spacial problem for SH-type waves; preliminary results. A.S.Alekseev. Izv.AN SSSR.Ser. geofiz. no.11:1514-1522 N '62.

Some inverse problems in the theory of wave dissemination. No.2. Spacial problem for SH-type waves, inverse problem in an overdetermined formulation. A.S. Alekseev. Izv. AN SSSR.Ser.geofiz. no.11:1523-1531 N '62.

Waves in a viscous fluid. IU.K.Konenkov. Akust. zhur. 8 no.3:320-324 '62.

[Wind waves. Translated from the English] Vetrovye volny. Moskva, Izd-vo inostr. lit-ry, 1962. 441 p.

WAVES—SPECTRA

Theoretical concept of the energy spectrum of wind waves. I.S.Brovikov, S.S.Strekalov, V.I.Kuz'min. Okeanologiia 2 no.5:832-834 '62.

WEATHER—MENTAL AND PHYSIOLOGICAL EFFECTS

Effect of meteorological conditions and the seasons on the incidence of acute cardiovascular diseases. M.IA. Akhmedzhanov, R.N.Poliakova, S.N.Kolosova. Vop. kur., fizioter. i lech. fiz. kul't. 27 no.2:109-111 Mr-Ap '62.

WEATHER CONTROL
Eternal wanderers E. Sergeev IUn nat no.10:33-34 O '62

Problems in influencing metereological processes. A. M. Gusev. Vest. AN SSSR 32 no.11:135-136 N '62.

WEATHERING see subdivision under Siberian Platform

WEAVING
(see also subdivision under Krotevets)

Determining the wave height of the warp and weft curve in fabrics K.G. Alekseev Tekst.prom. 22 no.10 41-44 O '62.

Eliminating the critical stresses of the filling yarn in the process of fabric formation. L.G Leites Tekst. prom. 22 no 10 44-47 O '62.

Experience in the processing of acetate rayon with various characteristics for silk weaving. M.P. Arkhangel'skaia, K.N. Ushakova. Tekst.prom. 22 no.10:51-53 O '62.

Experimental checking of the calculations of warp tension and of the stresses in the filling by the parameters of the fabric structure. K.G. Alekseev Tekst prom 22 no 11 40-42 N '62

More discussion of the determining of the coefficient of fullness of the fabric. V.A Vorob'ev. Tekst.prom 22 no.10 47-49 O '62.

Reducing the warp breakage on looms N K Ovtsyn Izv vys ucheb zav , tekh tekst prom no 5 103-108 '62

WEAVING—CLASSIFICATION

Present state of the classification of interlacing in weaving. Report No 1 N.Kh. Urazov. Sbor. nauch.-issl rab TTI no 12:153-161 '61.

WEED CONTROL
(see also subdivision under Germany, East, Kimry District, Kuban, Novopokrovka District, Dnepropetrovsk Province, Sverdlovsk Province)

Boron increases the effectiveness of weeding. Z. V. Zhukhovitskaia Zashch. rast ot vred. i bol. 7 no 3 31 Mr '62

Chemical control of weeds in pea fields. Kh Kh. Khabibrakhmanov. Zashch. rast ot vred. i bol 7 no. 3 26 Mr '62

Chemical weed control on the "Bol'shevik" State Farm. P P Klykov, T. I Ryndina Zashch. rast. ot. vred. i bol. 7 no 3 11-12 Mr '62

Keeping the circles around the tree trunks weed-free. A N. Vasina. Zashch rast. ot vred i bol. 7 no. 3. 59 Mr '62

New developments in controlling the wild oat in virgin lands N. A. Shipinov, G. A Markelov, V. F. Ladonin. Zashch. rast ot vred. i bol. 7 no. 3 33-34 Mr '62.

New machines for flax weeding and harvesting. L. Kliatis, V Riabokobylenko. Ekon. sel'khoz. 33 no 10:78-80 O '62.

"Weed seeds" by V. N Dobrokhotov. Reviewed by M M. Kuleshov Visnyk sil'hosp nauky 5 no 6 123 Je '62

WEED KILLERS see Herbicides

WEEDS

Biological types of weeds. S. A Kott. Agrobiologiia no 5,723-728 S-O '62.

Effect of ecologic conditions on the morphology of roots and the resistance of perennial plants to herbicides and agricultural measures A V. Voevodin Biul. MOIP. Otd biol. 67 no. 3:56-64 My-Je '62.

WEEVILS see subdivision under Ukraine

WEIGHING MACHINES

B'in, K. P. and N. I. Shishkin. [Manual on freight weighing] Spravochnik po vesovomu khoziaistvu. Moskva, Transzheldorizdat, 1962, 319 p.

UV-1 weighing unit Ryb. khoz. 38 no. 5 94-95 '62.

WEIGHT LIFTING

Alternation and [illegible] titary

WEIGHT REDUCING PREPARATIONS

Treatment of obesity with mepholin and diet. K. M. Prostiakov. Sov med. 26 no. 10:133-138 O '62.

WEIGHTLESSNESS

Surface shape of a liquid approaching weightlessness. V V Shuleikin Dokl. AN SSSR 147 no 1:92-95 N '62

WEIGHTS AND MEASURES
(see also subdivision under Germany, East)

The 50th session of the International Committee of Weights and Measures. G. D. Burdun Izm. tekh no. 9 61-62 S '62.

WEIGHTS AND MEASURES—STANDARDS

Introduction of an international unit system in measurements of force S A Smolich. Izm tekh. no 11 20-23 N '62.

WELDING
(see also subdivision under Germany, West; United States)

Alekseev, E. K., and V. I. Mel'nik. [Welding in the construction industry] Svarochnoe delo v stroitel'stve. Izd. 2 , ispr. i dop Moskva, Gosstroiizdat, 1962. 350 p

Consultations on readers' questions. Svar. proizv. no. 8 48 Ag '62.

High-speed unit for continuous welding of pipes in a furnace. A. M. Maskileison. Biul. tekh.-ekon. inform. Gos. nauch.-issl. inst. nauch.-i tekh. inform. no. 11:43-45 '62.

Manufacture PT-56-1000M heads for the PAU-1000 units S I Gal'perin. Stroi. truboprov. 7 no. 10.25 O '62.

WELDING—BIBLIOGRAPHY see Bibliography—Welding

WELDING—CONGRESSES

Annual report of Commission 1 to the 14th Congress of the International Institute of Welding on "Gas welding and related processes." Translated by L. A. Borisova. Svar. proizv. no. 8 40-41 Ag '62.

Annual report of Commission 1 to the 14th Congress of the International Institute of Welding on "Residual stresses and stress relief." Translated by E. P. Bogacheva. Svar. proizv. no. 8:41-42 Ag '62.

Technological conference of welders in Moscow. V. F. Tiurin. Svar. proizv. no. 8:44-46 Ag '62.

Third conference of Siberian welders M S Zil'ban. Avtom. svar. 15 no. 10.95-96 O '62

WELDING—DEFECTS

Intercrystallite silicate layers and the danger of hot cracking V V Podgaetskii, G P. Manzheliei Avtom svar. 15 no 10 55-56 O '62.

WELDING—EQUIPMENT AND SUPPLIES

Lando, S. IA. [Welding of body elements] Svarka korpusnykh detalei. [Moskva] Mosk. rabochii, 1962. 61 p. (Novatory semiletki)

WELDING—HYGIENIC ASPECTS

Local suction from fixed electric welding positions. M. Z. Braude. Svar. proizv. no. 8 38-39 Ag '62.

WELDING—PERIODICALS

Readers' conference. T. P. Riabtsovskii. Svar. proizv. no. 8:46 Ag '62.

WELDING—SAFETY MEASURES

Provisional instructions on safety techniques. K. V. Migal. Avtom svar 15 no 10.94 O '62.

WELDING—STUDY AND TEACHING see subdivision under Chelyabinsk

WELDING—TECHNOLOGICAL INNOVATIONS

Volontsevich, I. D. [New techniques in welding] Novoe v svarke. [Perm'] Permskoe knizhnoe izdatel'stvo, 1962. 94 p. (Molodomu mashinostroiteliu)

G

[illegible] the stress-rupture strength of [illegible] N9T steel. B. I. Medovar, N. I. [illegible]. Metalloved. i term. obr. met.

[illegible] re of the state of 475° brittleness [illegible] hrome-nickel weld seams. N. I. [illegible] 28 no. 8:968-969 '62.

[illegible] a helium leak detector. N. T. [illegible] okrov. Avtom svar. 15 no 10

[illegible] erimental study of the functioning [illegible] impact and their theoretical [illegible]is. Sbor. trud. LIIZHT no. 174:

[illegible] e thermal treatment of welded [illegible] Z. Raikhman. Zav. lab. 28

[illegible] s welding and cutting

[illegible] ermany, West

WEST KAZAKHSTAN TERRITORY—ECONOMIC CONDITIONS

Our Territory is very rich. F. Kolomiets Part. zhizn' Kazakh. 12 no 10:22-27 O '62

WEST SIBERIAN PLAIN—FROZEN GROUND

Some forms of frozen relief in the West Siberian Plain M. N Boltnov Inform sbor VSEGEI no 52:93-102 '62

WEST SIBERIAN PLAIN—LANDFORMS

Some forms of frozen relief in the West Siberian Plain M N Boltnov Inform sbor VSEGEI no. 52:93-102 '62

WESTERN DVINA RIVER—HYDROLOGY

Basic features of the present-day dynamics of the mouth area of the Western Dvina River (Daugava) V. V Romashin Trudy GOIN no 66:96-115 '62

WESTERN EUROPE see Europe, Western

WESTERN SIBERIA see Siberia, Western

WHALE OIL

Bubble and foam method of whale oil hydrogenation G. M. Pavlov, V. G Otobel. Izv vys. ucheb zav ; pish i tekh. no. 4 84-87 '62

Vitaminization of whale fat by vitamin D. A. G Sergeev Masl. zhir prom. 28 no 7:30-40 Jl '62

WHALES

Utilization of whale meat as food IU. S Davydova, V I Treshcheva Ryb khoz. 38 no. 5 66-69 '62.

WHEAT
(see also subdivision under Armenia; Ukraine, Ural Mountain region, Virgin Territory; Voronezh Province)

Carbohydrate metabolism in spring cereals planted in fall T S M Khachua. Agrobiologiia no 5:696-699 S-O '62

Changing the heredity of wheat by controlled radiation S T. Bogomilgkov Agrobiologiia no 5,688-691 S-O '62.

Changing winter varieties of wheat into spring varieties O T Lysenko Agrobiologiia no 5,676-685 S-O '62

Nitrogen metabolism during the ripening of perennial wheat. S M Sokolova Biul MOIP. Otd biol. 67 no 3,145 My-Je '62

Phasic development of winter plants. D. A. Dolgushin. Agrobiologiia no. 5:643-665 S-O '62.

WHEAT—DISEASES AND PESTS see subdivision under Russia, Southern

WHEAT—VARIETIES

Make way for high-yielding varieties. I. G Zhitdenko. Zemledelie 24 no. 6 89 Je '62.

WHEAT BREEDING

Brief summary of work on crossing wheat with perennial rye and Agropyron species. A I Derzhavin Trudy Stavr. sel'khoz inst. no 9 47-53 '60

Formation of durum wheat from soft wheat. I. P. Ryzhal. Agrobiologiia no. 5:787 S-O '62.

WHITE RUSSIA—AGGREGATES (BUILDING MATERIALS)

Experience with the manufacture and use of agloporite in the White Russian S. S. R. B I Kunashkevich Stroi mat 8 no. 10, 3-6 O '62.

WHITE RUSSIA—AGRICULTURAL CREDIT

Zontov, E. G. [Financial interrelations of collective farms with the state] Finansovye vzaimootnosheniia kolkhozov s gosudarstvom. Minsk, Sel'khozgiz BSSR, 1962. 77 p.

WHITE RUSSIA—AGRICULTURE

Arlou, H. V., and K. V. Sazykina. [Material and technical foundation of agriculture and basic ways for its development] Materyial'na-tekhnichnaia kuza sel'skai haspadarki i asnounyia shliakhi iae razvitstaia. Minsk, Dziarzh. vyd-va sel'skahaspadarchai lit-ry BSSR, 1962. 49 p. (Rasheani XXII z'ezda KPSS u dzeiannl)

We should maintain the good name of collective farmers Komm. Bel. 36 no. 10:8-11 O '62.

WHITE RUSSIA—ARCHITECTURE—DESIGNS AND PLANS

White Russia V. Aladov. Arkhit. SSSR no 9:24-26 '62

WHITE RUSSIA—BAKERS AND BAKERIES

Seminar of laboratory managers of the bakery enterprises of White Russia. I. A. Lushchenkov. Khleb i kond prom. 6 no. 11 47-48 N '62

WHITE RUSSIA—BONE CARVING

Artistic articles by bone carvers from the ancient cities of White Russia. L. V. Alekseev. Sov. arkheol. 6 no. 4:197-209 '62.

WHITE RUSSIA—COLLECTIVE FARMS—SANITATION

Sanitary requirements for locating collective stockbreeding farms in the White Russian S. S. R. M. A. Glabrilovich. Zdrav. Bel. 8 no. 2:45-48 F '62.

WHITE RUSSIA—COLLECTIVE FARMS—TAXATION

Zontov, E. G. [Financial interrelations of collective farms with the state] Finansovye vzaimootnoshenila kolkhozov s gosudarstvom Minsk, Sel'khozgiz BSSR, 1962. 77 p.

WHITE RUSSIA—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

A little about everything. Komm. Bel 36 no. 10 76-79 O '62.

Gerasimenko, G. G. [Work of the Communist Party in drawing the working masses into participating in the government during the years of the first five-year plan, 1928-1932] Rabota KPB po vovlecheniiu trudiashchikhsia mass v upravlenie gosudarstvom v gody pervoi piatiletki, 1928-1932 gg. Minsk, Izd-vo M-va vysshego, srednego spetsial'nogo i professional'nogo obrazovaniia BSSR, 1962. 86 p. (Iz istorii KPB)

Piatonov, R. P. [Ideological work of the Communist Party of White Russia during the period of socialist industrialization, 1926-1929] Ideologicheskaia rabota KPB v gody sotsialisticheskoi industrializatsii, 1926-1929. Nauchn. red. F. P. Shmygov Minsk, Izd-vo MVSS i PO BSSR, 1962. 80 p. (Iz istorii KPB)

WHITE RUSSIA—CONSTRUCTION INDUSTRY

Development and distribution of the supply of building materials and equipment for construction in the White Russian S. S. R. V. G. Kamenskii Bet. i zhel.-bet. 8 no. 10 133-137 O '62

WHITE RUSSIA—CONSTRUCTION INDUSTRY—ACCOUNTING

Accounting and the control of materials in construction. A. Ivanov. Bukhg. uchet 19 no. 10:41-45 O '62.

WHITE RUSSIA—DENTAL CARE

Proposals for improving dental care. I. T. Stel'makh. Zdrav. Bel. 7 no. 11:76 N '61.

WHITE RUSSIA—DRAINAGE

Shchitnikov, P. I. [Land improvement in the current seven-year plan] Melioratsiia v tekushchem semiletii. Minsk, Gos. izd-vo sel'khoz. lit-ry BSSR, 1962. 32 p. (Reshenila XXII s"ezda KPSS v deistvii)

Zalichonak, N. A. [Full load for excavators] Ekskavatoram - pounuiu nahruzku. Minsk, Dzlarzh vyd-va sel'skahaspadarchai lit-ry BSSR, 1962. 20 p. (Bibliiateckha peradavoha vopytu)

WHITE RUSSIA—ECONOMIC CONDITIONS

The highroad of mankind. Komm. Bel. 36 no. 10:2-7 O '62.

Matalushenka, I. D. [Postwar efforts of the Communist Party of White Russia to restore and develop White Russian industry, 1946-1950] Kamunistychnaia partyia Belarusi u barats'be za adnautenne i razvitstae pramyslovasts! u pasliavaennyia hady, 1946-1950. Minsk, Dzlarzh. vyd-va BSSR, Red. satsyial'na-ekan. lit-ry, 1962. 156 p.

WHITE RUSSIA—EDUCATION, ELEMENTARY

How we have carried out the law on universal eight-year education. Nar asv no. 10 3-9 O '62

WHITE RUSSIA—FERTILIZERS AND MANURES

Year-round production of organic fertilizers M. E. Martynovich. Zemledelie 24 no. 6:47-49 Je '62

WHITE RUSSIA—HOSPITALS

Brief news. Zdrav. Bel. 7 no. 11:79 N '61.

WHITE RUSSIA—INDUSTRIAL HYGIENE

Brief news. Zdrav. Bel. 7 no. 11:79 N '61.

WHITE RUSSIA—MEDICAL SOCIETIES

In the White Russian Friendship Society. I. IAkubenok. Zdrav. Bel. 8 no. 7:89 Jl '62.

WHITE RUSSIA—MEDICINE

Data on the history of therapeutic and hospital activities in White Russia during the 16th and 18th centuries. V. P. Gritskevich. Sov. zdrav. 21 no. 8, 69-74 '62.

Work of the White Russian Republic Medical History Society. G. Kriuchok, V. Mel'nikov. Zdrav. Bel. 7 no. 11:71-72 N '61.

WHITE RUSSIA—MOSQUITOES

Bloodsucking mosquitoes (Diptera, Culicidae) of the White Russian S. S. R. [with summary in English]. A. V. Gutsevich and others. Ent. obozr. 41 no. 2, 350-354 '62.

WHITE RUSSIA—MOTION-PICTURE PLAYS

Krasinski, A. V., V. L. Smal', and G. P. Taranovich. [White Russian motion-pictures] Belaruskae kino; karotki narys. Minsk, Vyd-va Akad. navuk BSSR, 1962. 216 p.

WHITE RUSSIA—MUNICIPAL SERVICES

Let's grow and become stronger using this force. S. Terekhov. Zhil.-kom. khoz. 12 no. 11:19-20 N '62.

WHITE RUSSIA—NUCLEAR REACTORS

Start of the first White Russian nuclear reactor. V. S. Ermakov. Inzh.-fiz. zhur. 5 no. 8:138-139 Ag '62.

WHITE RUSSIA—PLANTS, PROTECTION OF

On course toward the strengthening of the service of plant protection L. S. Drozdov Zashch rast. ot vred i bol 4 no 6 1-5 N-D '59.

WHITE RUSSIA—POLITICS AND GOVERNMENT

Gerasimenko, G. G. [Work of the Communist Party in drawing the working masses into participating in the government during the years of the first five-year plan, 1928-1932] Rabota KPB po vovlecheniiu trudiashchikhsia mass v upravlenie gosudarstvom v gody pervoi piatiletki, 1928-1932 gg. Minsk, Izd-vo M-va vysshego, srednego spetsial'nogo i professional'nogo obrazovaniia BSSR, 1962. 86 p.

WHITE RUSSIA—PRECAST CONCRETE CONSTRUCTION

Large-panel housing construction in White Russia Biul stroi tekh 19 no 5 44-45 My '62

WHITE RUSSIA—PRECIPITATION (METEOROLOGY)

Shebeko, V. F. [Yearly distribution and supply of precipitation in the White Russian S. S. R.] Vnutrigodovoe raspredelenie i obespechennost' osadkov na territorii Belorusskoi SSR; prakticheskoe posobie. Minsk, Gos. izd-vo sel'khoz. lit-ry BSSR, 1962. 142 p.

WHITE RUSSIA—PUBLIC HEALTH SOCIETIES

White Russian Scientific Society of Hygienists in 1961. M. Livshits. Zdrav. Bel. 8 no 7:88-89 Jl '62.

WHITE RUSSIA—REVOLUTION, 1917-1921

"How the workers of the Lithuanian-White Russian S. S. R. struggled against foreign intervention and internal counterrevolution, 1919-1920." Reviewed by M. V. Iakovlev. Vop. ist. KPSS 6 no. 6 187-191 '62.

Petrikov, P. T. [Organization and work of revolutionary committees in White Russia in 1920] Organizatsiia i deiatel'nost' revoliutsionnykh komitetov na territorii Belorussii v 1920 godu. Minsk, Izd-vo M-va vysshego, srednego spetsial'nogo i professional'nogo obrazovaniia BSSR, 1962. 46 p.

WHITE RUSSIA—SPORTS

R. I. Knysh, a coach and his friends F Sobal'. Nar. asv no 10 75-78 O '62.

WHITE RUSSIA—SURGICAL SOCIETIES

Activity of the Scientific Society of Surgeons of the White Russian S. S. R. during 1961. V. Babuk, I. Rodina. Zdrav. Bel. 8 no. 7:87 Jl '62.

At a meeting of the Surgical Society of the White Russian S. S. R. Zdrav. Bel. 7 no 11:72-73 N '61

WHITE RUSSIA—TELEVISION BROADCASTING

"Avtotransportnik" in speaking and showing. A. Mitiashkin. Avt. transp. 40 no. 10:10 O '62.

WHITE RUSSIA—TRADE UNIONS

The call of our time. R. Mukha. Komm. Bel. 36 no. 10: 35-40 O '62.

WHITE RUSSIA—TRANSPORTATION AUTOMOTIVE

Experience of advanced workers in public property. G. Prokhotskii. Avt. transp. 40 no. 10:6-7 O '62.

Highway transport workers of White Russia solve the problems of the seven-year plan. A. Andreev. Avt. transp. 40 no. 10:1-3 O '62.

WHITE RUSSIA—VERTEBRATES

"Fauna and ecology of terrestrial vertebrates of White Russia". Reviewed by A. G. Bannikov. Biul. MOIP. Otd. biol. 67 no 3:131-135 My-Je '62.

WHITE RUSSIA—WOMEN IN AGRICULTURE

Glorious women-workers. L. Volchenko, M. Sil'vanovich. Zashch. rast. ot vred. i bol. 7 no. 3:2-3 Mr '62.

WHITE RUSSIAN FOLKLORE see Folklore, White Russian

WHITE RUSSIAN LANGUAGE—DICTIONARIES—RUSSIAN

"White Russian-Russian dictionary." Reviewed by M. R. Sudnik. Vest. AN SSSR 32 no. 11:98-99 N '62.

WHITE RUSSIAN LANGUAGE—STUDY AND TEACHING

Practical exercises for the development of the vocabulary of students. A. Amial'kovich. Nar. asv. no. 10, 57-60 O '62.

WHITE RUSSIAN LANGUAGE—STYLE

IAnkouski, F. M. [The nature of the language] Pytanni kul'tury movy. Minsk, Vyd-va M-va vysheishai, siaredniai spetsyial'nai i prafesiianal'nai adukatsyi BSSR, 1961. 99 p.

WHITE RUSSIAN LITERATURE—HISTORY AND CRITICISM

"Folklore and literature of White Russia of the epoch of feudalism; from the 14th to the 18th century" by S. I. Vasilenok. Reviewed by D. Likhachev. Vop. lit. 6 no. 6:208-214 Ag '62.

WHITE RUSSIAN NEWSPAPERS

Martseliu, S. V. [How White Russian newspapers helped carry out the decisions of the 20th Congress of the CPSU, 1956-February, 1959] Druk Belarusi u barats'be za azhyistsiaulenne rashenniau XX z'ezda KPSS, 1956-liuty 1959 hh. Minsk, Dziarzh. vyd-va BSSR, 1962. 186 p.

WHITE RUSSIAN PAINTING see Painting, White Russian

WHITE RUSSIAN POETRY—HISTORY AND CRITICISM

"Companion of time, articles on poetry" by G. Berezkin. Reviewed by M. Gorbachev. Vop. lit. 6 no. 8:205-208 Ag '62.

WHITE SEA—HERRING

Results of herring tagging in the Karelian waters of the White Sea K. A. Altukhov, V. M. Erastova Ryb. khoz. 38 no 5 19-22 '62

WHITEFISHES see subdivision under Baikal, Lake; Pulemetskoye, Lake, Rybnaya River (Krasnoyarsk Territory)

WHOLESALE TRADE

(see also subdivision under Penza Province, Vladimir Province)

Problems of improving industrial and trade relations. M. Bespalov. Vop. ekon. no. 10:16-24 O '62.

WHOOPING COUGH

Effect of antibiotics on the rate of elimination of the disease pathogen from patients with whooping cough [with summary in English]. V. F. Nikolenko and others. Vop. okh. mat. i det 7 no. 4:44-46 Ap '62

Nosov, S. D., and V. D. Soboleva, eds. [Studies on whooping cough] Uchenie o kokliushe. [Moskva] Medgiz, 1962. 277 p (DNLM)

WHOOPING COUGH—PREVENTIVE INOCULATION

(see also subdivision under Rostov-on-Don)

Active immunization against diptheria and whooping cough under polyclinical conditions [with summary in English]. V. V. Voitenko Vop okh mat. i det 7 no 4:73-76 Ap '62.

Influence of active immunization on the epidemic process in whooping cough [with summary in English]. N. F. Amfiteatrova, E. I. Popova. Vop okh mat. i det. 7 no. 4:40-44 Ap '62.

Obtaining hyperimmune serum against whooping cough from an ass M. S Sulelmanian. Trudy TashNIIVS 6:27-32 '61.

Review of the contraindications to prophylactic vaccinations against diphtheria and whooping cough [with summary in English]. B. IA. Reznik. Vop. okh. mat. i det. 7 no 4:77-81 Ap '62.

WILD OATS

(see also subdivision under Virgin Territory)

Biology of wild oats. Priroda 51 no. 11:109 N '62.

Chemicals for controlling the wild oat; review of foreign literature. R. A. Safra. Zashch. rast. ot vred i bol. 7 no. 3 56-58 Mr '62.

Experimental transformation of oats into wild oats. P. V. Morozov. Agrobiologiia no. 5:700-704 S-O '62.

WILDLIFE CENSUS

Census of marine mammals of Komandorskiye Islands in the light of their ecologic characteristics. S. V. Makarov. Vop. ekol. 4:130-131 '62.

Methods of the census of the white rabbit in hunting grounds and its ecologic foundation. E. P. Pivovarova. Vop. ekol. 4:140-141 '62.

WILLARDINE

Preparation of willardine from albizzine. IU. P. Shvachkin, M. T. Azarova. Zhur. ob. khim. 32 no. 10: 3448-3449 O '62.

WILLOWS see subdivision under Khibiny Mountains

WILNO see Vilnius

WILSON, MITCHELL A., 1913-

He writes on scientists. K. Levitin, A. Melamed. Nauka i zhizn' 29 no. 5, 44-47 My '62.

WINCHES—ELECTRIC DRIVING

Re-equipment of marine electric power plants for the feed of windlasses installed on barges. G. Obriadchikov. Rech. transp. 21 no. 11:48 N '62.

WINDBREAKS, SHELTERBELTS, ETC. see subdivision under Kuybyshev Province, Mordovia

WINDOW SHUTTERS see Blinds

WINDOWS

Window panels in apartment houses. E. Sychevskii. Stroi. i arkhit. 10 no. 10:10-12 O '62.

WINDOWS—THERMAL PROPERTIES see subdivision under Arctic regions

WINDS

(see also subdivision under Black Sea; Finland, Gulf of)

Connection between climatic characteristics of wind. A. S. Marchenko. Trudy NIAK no. 16:67-75 '62.

WINDS (Continued)

Effect of wind conditions on the hydrological regime of the Bosporus area of the Black Sea. M Sh Rezengurt. Okeanologiia 2 no. 5:937-939 '62.

Some remarks on the construction of aerocilmatic wind charts. I.G.Guterman, S.I.Dunaeva. Trudy NIIAK no.16:45-49 '62.

WINE AND WINE MAKING see subdivision under Armenia

WINGS

Structure and development of stigmata of the centipede Lithobius forficatus L. (Chilopoda, Lithobiidae) [with summary in English]. Z.S Kaufman Ent obozr. 41 no 2 366-371 '62.

WIRE BROADCASTING

The construction of wire broadcasting systems in settlements has been completed. A.M.Sosnov. Vest. sviazi 22 no.10.21-22 O '62.

WIRE DRAWING—TECHNOLOGICAL INNOVATIONS

Fixing a hinged support bracket on coil removing machines. P T. Dalsenko Met i gornorud. prom. no. 2 78 Mr-Ap '62.

WIRE INDUSTRY—EQUIPMENT AND SUPPLIES

Determination of maximum speed for winding wires on round frames. E. M. Il'in Vest. elektroprom 33 no. 7:74-76 Jl '62.

WIRE INDUSTRY—TECHNOLOGICAL INNOVATIONS see subdivision under Moscow

WIRE ROPE

Bend of the wires of a cable on contact with the pulley. M F. Glushko, V. F Volokonskii Izv vys. ucheb. zav., gor. zhur. 5 no. 10 115-120 '62

Relation between the twisting of strands and the distribution of strains in wire cables. N.I.Kozliuberdin. Sbor. trud. Inst. gor. dela AN URSR no 12:135-141 '61.

Stretching of wire cables. P.P. Nesterov and others. Sbor. trud. Inst. gor. dela AN URSR no. 12:120-134 '61.

Study of the operation of forces of friction in wire cables. K.A. Mosiichuk. Sbor. trud. Inst. gor. dela AN URSR no. 12:142-151 '61.

WIRE ROPE—TESTING

Machine for fatigue testing of wire rope. I. F. Liutkevich Ugol' prom. no. 5:40-42 S-O '62.

Mechanical testing of steel-wire rope. M. F. Glushko. Zav. lab. 28 no. 8.981-983 '62.

WIREWORMS see subdivision under Latvia, Omsk Province

WIREWORMS—EXTERMINATION

Protecting corn against wireworms. A. P. Sazonov. Zashch. rast. ot vred. i bol 7 no. 3:39-40 Mr '62.

WÖHLERITE

Crystalline structure of wöhlerite $Ca_2Na(Zr, Nb)[Si_2O_7](O,F)_2$. R.P.Shibaeva, N.V.Belov. Dokl. AN SSSR 146 no.4 897-900 O '62

WOLFRAMITE

Relations between scheelite, wolframite, and sulfides. R.IU. Orlov. Dokl. AN SSSR 147 no. 1:207-209 N '62.

WOLLASTONITE see subdivision under Uzbekistan

WOLVES see subdivision under Yamal-Nenets National Area

WOMEN—CONGRESSES

International conference of women. Uzbekistan 21 no. 10.25 '62.

WOMEN—EMPLOYMENT see subdivision under Kirghizistan

WOMEN—HEALTH AND HYGIENE

Some problems in the work of a maternal health center. O.V. Galaeva. Vop. okh. mat. i det. 7 no 4:85-87 Ap '62.

WOMEN—RIGHTS OF WOMEN see subdivision under Uzbekistan

WOMEN, UKRAINIAN see subdivision under Canada

WOMEN AND RELIGION

Rudenko, K. P. [Woman and religion] Zhinka i religiia. Kyiv, Derzhpolitvydav URSR, 1962. 31 p.

WOMEN AS SOLDIERS

A well-deserved award. A. Ryklin. Rab. i sial. 36 no. 11:11 N '62.

WOMEN IN AGRICULTURE

(see also subdivision under Azerbaijan; Italy; Khmel'nik District; Moldavia; White Russia; Zhitkovichi District)

In the first ranks of the builders of communism. Zashch. rast. ot vred. i bol. 7 no. 3:1-2 Mr '62.

Using female labor on collective farms. G. Shmelev, V. Ladenkov, Ekon. sel'khoz. 33 no. 10:28-34 O '62.

With the diploma to the village. Z. Zhikhareva. Zashch. rast. ot vred. i bol. 7 no. 3.4-5 Mr '62.

WOOD—CHEMISTRY

Changes in wood caused by mold fungi I. G. Kiapivina. Vest. Mosk un. Ser. 6 Biol., pochv 17 no 5:47-51 S-O '62.

WOOD—MOISTURE

Conducting a laboratory work "Determining the moisture of wood" P. M Korlitakov Shkola i proizv. 6 no 5. 37-40 My '62.

WOOD—PRESERVATION

Moscow. TSentral'nyi nauchno-issledovatel'skii institut mekhanicheskoi obrabotki drevesiny. [Problems of the preservation of wood] Voprosy zashchity drevesiny; sbornik statei, Moskva, Goslesbumizdat, 1961. 210 p.

WOOD—TESTING

Testing of wood for pure shearing across grains. V. V. Tuhizakov. Zav. lab. 28 no. 8.987-990 '62.

WOOD, COMPRESSED

Using compressed wood at friction points in construction equipment. A. V. Apostol, F. IA. Kovtazin. Stroi. i dor. mash 7 no. 10:20-21 O '62.

WOOD-DECAYING FUNGI

(see also subdivision under Krasnodar Territory)

Sources of infection by the fungus Fomitopsis annosa [with summaries in English, German, and French] S F Negrutskii Vest sel'khoz nauki 7 no 9:108-109 S '62

WOOD-USING INDUSTRIES see subdivision under Sverdlovsk

WOODEN PIPE see Pipe, Wooden

WOODPULP INDUSTRY

Centralization of control is the most important condition of an over-all automation E. IA Balmasov. Bum. prom. 37 no. 10 11-13 O '62.

From foreign journals Bum. prom. 37 no 10:32 O '62.

Give the green light to automation. Bum prom. 37 no. 10:1-2 O '62.

Prospects and problems of automation in the woodpulp production L. N. Preobrazhenskii, S S. Granat. Bum prom 37 no. 10:6-8 O '62.

WOODPULP INDUSTRY—EQUIPMENT AND SUPPLIES

Concentrate the efforts on the basic trend of automation. M I Lindmirskii. Bum. prom. 37 no. 10 4-6 O '62.

Contactless radiation moisture gauge for continuous moisture control of the paper sheet. V. N Dishov. Bum. prom. 37 no 10 29-30 O '62

[Equipment and technology of the printing industry] Ref. zhur. Otd. vyp. 37: Obor. i tekh. poligr. proizv. no. 23 D '62.

Fiftieth anniversary of the invention of the Schopper-Riegler apparatus. V. A Giliunitskii. Bum. prom 37 no. 10:31 O '62.

WOODPULP INDUSTRY—RESEARCH

Expand the scientific development of automation problems. I. E. V'iukov Bum. prom. 37 no 10 3-4 O '62

WOODWORK

Beriadskii, A. L. [Manual on calculations in wood cutting] Spravochnik po raschetu rezhimov rezaniia drevesiny Moskva, Goslesbumizdat, 1962. 123 p.

WOODWORK (MANUAL TRAINING)

Use of waste for educational purposes. A. Baranov. Shkola i proizv 6 no. 5:88-89 My '62

WOODWORKING MACHINERY

Wooden pipes. S. Bobylev, V. Orlov. Sel'. mekh. no. 11: 31-32 '62.

WOODWORKING MACHINERY—CATALOGS

Shevchenko, E. T., comp. [Woodworking equipment; catalog] Derevoobrabatyvaiushchee oborudovanie, katalog. [Moskva] TSintimash, [1962] 249 p.

WOODY PLANTS

(see also subdivision under Frunze, Issyk-Kul' region, Kara Kum; Ufa region)

Factors determining the direction of growth and the succession of roots in woody plants. V. O. Kazarian, P. A. Khurabudian. Izv. AN Arm. SSR, Biol. nauki 15 no. 9: 9-20 S '62.

WOODY PLANTS—WATER REQUIREMENTS

Effect of the width of interrows of forest belts on the optimal soil moisture for woody plants in light-colored chestnut soils. A. D. Voronin. Vest. Mosk. un. Ser 6: Biol., pochv. 17 no. 5:65-75 S-O '62.

WOOL see subdivision under Azerbaijan

WOOL—STANDARDS

Fundamental notions on the quality and classification of fine wool. T. I. Kuznetsov. Tekst. prom. 22 no. 11: 18-21 N '62.

WOOLEN AND WORSTED MANUFACTURE—EQUIPMENT AND SUPPLIES

Preparation of emulsions for oiling wool blends by means of hydrodynamic vibrators S. D. Lein Tekst. prom. 22 no 11:64-67 N '62.

WORK

Pashkevich, O. N., and E. A. Lutokhina. [When you work for society you work for yourself] Trud dlia obshchestva - trud dlia sebia. Minsk, 1962. 31 p. (Obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii Belorusskoi SSR, no. 17)

Savchenko, S. G. [Man is the most important productive force of human society] Liudyna - holovna produktyvna syla suspil'stva. Kyiv, Tovarystvo dlia poshyrennia polit. i naukovykh znan' URSR, 1962. 43 p.

Socialist internationalism and labor. M. A. Sverdlin Nauch. dokl. vys. shkoly; filos. nauki 5 no. 5:3-11

WORK FUNCTION (PHYSICS)

Adsorption of barium atoms on tungsten. IA. P. Zingman, V. A. Ishchuk. Fiz. tver. tela 4 no. 8:2212-2 Ag '62.

Review of the theory of ion-electron emission. Parilis Radiotekh. i elektron. 7 no. 12:1970-198 D '62.

WORKS COUNCILS

The public inspection program of the All-Union Scientific and Technical Society is in operation. Koz obuv. prom. 4 no. 11:34 N '62.

WORKSHOPS—EQUIPMENT AND SUPPLIES

Convenient construction of a workbench. N. I. Makie Sred. spets. obr. 9 no. 10 59-61 O '62.

Let's create exemplary school workshops. A. Petro N. Potapov. Prof.-tekh. obr 19 no. 10:15-16 O

Workbench of varying height. S. Mokshin. Prof.-tel obr. 19 no. 10 26 O '62.

WORLD COUNCIL OF CHURCHES

Measures for intensifying the universal Christian struggle for general disarmament and peace (statement of Russian Orthodox members of the Central Committee of the World Council of Churches at a session of the Central Committee). Zhur. Mosk Patr. no. 9:35-3 '62.

WORLD FEDERATION OF TRADE UNIONS—CONGRESSES

The fate of the world is in the hands of the peoples. Renate Bitossi Sov profsoiuzy 18 no 21:40-42 N '62.

WORLD POLITICS

Brief news on international events. Nov. vrem. 20 no. 39:32 S '62.

Brief notes on international events Nov vrem. 20 no. 46 32 N '62

Brief notes on international events. Nov vrem. 20 no 47:32 N '62

Brief notes on international events Nov. vrem. 20 no 48 32 N '62

Brief notes on international events. Nov. vrem. 20 no. 49:32 D '62.

Communists are the most consistent champions of peace V. Kolionov, E. Kuskov. Kommunist 39 no. 17:26-3 N '62.

Coordinating Conference on the History of the International Labor Movement and the National Liberation Movement. E A Orlov. Nar Az i Afr. no. 6:210-2 '62

East-West. Konni Zilliacus. Nov. vrem. 20 no. 48: 21 N '62.

The fate of the world is in the hands of the peoples. Renate Bitossi Sov profsoiuzy 18 no 21:40-42 N '62.

The 45th anniversary of the Great October Revolution. Voen.-ist. zhur. 4 no 11 3-0 N '62.

Hauryliuk, V. V. [Our epoch is one of turbulent national liberation revolutions] Nasha epokha - epokha burnykh natsyialnal'na-vyzvalenchykh revaliutsyi. Minsk, Dziarzh. vyd-va BSSR, Red. satsyial'na-ekanamichnai lit-ry, 1962. 80 p. (Hutarki ab novai programe KPSS

International notes. Nov. vrem. 20 no. 39 21-23 S

International notes Nov vrem 20 no 46:23-26 N

International notes. Nov. vrem, 20 no. 47:23-25 N '62.

International notes. Nov. vrem. 20 no. 48:23-25 N

International notes. Nov. vrem, 20 no. 49:23-24 D '62.

Kirillov, A. A. [Prevention of war is the most important problem of our time] Predotvrashchenie voiny - vazhneishaia problema sovremennosti. Moskva, Sotsekgiz 1962. 113 p.

Kosygin, A. N. [The 45th anniversary of the Great October Socialist Revolution] 45-ia godovshchina Velikoi Oktiabr'skoi sotsialisticheskoi revoliutsii; doklad na torzhestvennom zasedanii v Kremlovskom Dvortse s"ezdov 6 noiabria 1962 goda. Moskva, Gospolitizdat, 1962. 30 p.

A list of events, August 1-31, 1962. Mat. issled. otd. Inst. po izuch. SSSR no. 37:59-62 S '62.

"A nation of sheep" [in English] by William J. Lederer. Reviewed by A. IAkovlev. Mezhdunar. zhizn' 9 no. 1 131-138 D '62.

On guard for peace and security. K. Filiashkin. Voen. vest. 42 no. 5.11-13 My '62.

A review of international events. M. Sturua. Agitator no. 24:15-18 D '62.

WORLD POLITICS (Continued)
Salt of the earth Andre Wurmser. Nov. vrem. 20 no. 46 5-8 N '62.
Strengthen unity in the struggle against the class enemy in every way possible. Vaen. prof. dvizh. no. 10.1-2 O '62.
World news. I. Chelnokov and others. Mezhdunar. zhizn' 9 no. 12 104-115 D '62.

WORLD WAR, 1939-1945
(see also subdivision under Borodino; Czechoslovakia; Germany; Great Britain, Italy; Japan, Khoyniki District, Kiev; Minsk; Rumania, Ukraine)
Artillery fire. B. Shipov. Voen. znan. 38 no. 11:13-14 N '62.
Bridge of hope. S. Sukhachev Voen. vest 42 no. 5: 73-74 My '62.
A coordinating conference on the history of the Great Patriotic War K. A. Prylypko. Ukr. ist. zhur 6 no. 5:146-140 S-O '62.
Decisiveness and persistence of the commander in combat A. Surchenko Voen vest 42 no 5:18-21 My '62
"The events which weren't mentioned in official communiqués; reminiscences of the members of the resistance movement." Reviewed by V. D. Kalyta. Ukr. ist. zhur. 6 no. 4.145-146 Jl-Ag '62.
Great victory. Voen vest. 42 no. 5:7-10 My '62.
Heroic crew. A. Dolgikh. Voen. vest. 42 no. 5.75-76 My '62.
"History of the Great Patriotic War of the Soviet Union, 1941-1945." Reviewed by P. Shuktomov. Voen. znan. 38 no. 11:30 N '62.
"History of the Great Patriotic War of the Soviet Union, 1941-1945." Vol. 4. Reviewed by Al. Leont'ev. Nov vrem. 20 no. 46.30-31 N '62.
"History of the Great Patriotic War of the Soviet Union, 1941-1945." Vol. 4, Reviewed by M. G. Gurevich, V. A. Sekistov. Vop. ist. KPSS 6 no. 8:182-187 '62.
How Ivanov captured an informant. I. Sukhomlin Starsh. - serzh no 9:15 S '62
Lil'in, T. IA. [Women in grey army overcoats, how to prepare and deliver a lecture on the heroism of Soviet women at the fronts of the Great Patriotic War] Zhenshchina v seroi shineli; kak podgotovit' i prochitat' lektsiiu o geroizme sovetskikh zhenshchin na frontakh Velikoi Otechestvennoi voiny. Moskva, Ob-vo po rasprostraneniiu polit. i nauchn. znanii, 1961. 44 p. (V pomoshch' lektoru)
[MICROFILM]
Military calendar. Voen. znan. 38 no. 11:40 N '62.
One against ten. G. Churikov. Starsh. -serzh no 9-23 S '62
Our party during the Great Patriotic War, June 1941-1945. Iu. I. Korablev, M. N. Shatalin. Vop. ist. KPSS 8 no. 8:103-103 '62.
Ovcharenko, P. M., and S. N. Sazheniuk. [First phase of the Great Patriotic War of the Soviet Union, June 22, 1941-November 1942] Pershyi period Velykoi Vitchyznianoi viiny Radians'koho Soiuzu, 22 chervia 1941 r. - lystopad 1942 r.; na dopomohu vyvchaiuchym istoriiu SRSR. [Kyiv] Vyd-vo Kyivs'koho univ., 1962. 134 p.

WORLD WAR, 1939-1945—CAMPAIGNS
The Jassy-Kishinev Offensive of the armies of the Third Ukrainian Front. S. S. Biriuzov. Ist. SSR 6 no. 6:44-64 N-D '62.
Liudnikov, I. I. [The Battle of Vitebsk; offensive operations of the 30th Army in the Vitebsk region, June 23-27, 1944] Pod Vitebskom; Vitebskaia operatsiia 30-i armii 23-27 iiunia 1944 goda. Moskva, Voenizdat, 1962. 110 p.
Operation "Ring." F. Vorob'ev. Voen. - ist zhur. 4 no. 11:52-58 N '62.
Smakotin, M. P. [From the Don Valley to Berlin] Ot Dona do Berlina. Moskva, Voenizdat, 1962. 195 p.

WORLD WAR, 1939-1945—DIPLOMATIC HISTORY
An unsuccessful attempt to conclude an imperialist agreement; apropos of the Japanese-American negotiations in 1941. S. L. Budkevich. Krat. soob. Inst. nar. Az. no. 50:3-18 '62.

WORLD WAR, 1939-1945—DOCUMENTS, ETC., SOURCES
Hitler's memorandum of August 22, 1941, on planned military operations against the Soviet Union. Voen. - ist. zhur. 4 no. 11.83-90 N '62.

WORLD WAR, 1939-1945—ECONOMIC ASPECTS see subdivision under Uzbekistan

WORLD WAR, 1939-1945—MUSIC AND THE WAR
Rakova, E. IA. [Theme of partisan campaigns in works by White Russian composers] Tema partizanskoi bor'by v tvorchestve belorusskikh kompozitorov. Minsk, Gos. izd-vo BSSR, 1961. 43 p.

WORLD WAR, 1939-1945—NAVAL OPERATIONS
"Control of oceanic communications" by V. I. Andreev. Reviewed by N. Volkov. Voen. - ist. zhur 4 no. 11: 97-103 N '62
Strekhnin, IU. F. ["Borody" Detachment; true stories] Otriad "Borody"; novydumannye istorii. Moskva, Izd-vo DOSAAF, 1962. 251 p.

WORLD WAR, 1939-1945—NAVAL OPERATIONS—SUBMARINE
Eremeev, L. M., and A. P Shergin. [Foreign submarines in the Second World War, operational and statistical data from the Second World War] Podvodnye lodki inostrannykh flotov vo Vtoroi Mirovoi voine; operativno-statisticheskie materialy po opytu vtoroi mirovoi voiny, Pod obshchei red. V. P. Bogolepova. Moskva, Voenizdat, 1962. 445 p.
Submariners of the Red Banner Baltic Fleet in 1942 V. Tributs Voen. - ist zhur 4 no 11 10-26 N '62.

WORLD WAR, 1939-1945—PERSONAL NARRATIVES
Kuznetsov, P. G. [Moscow guardsmen] Gvardeitsy - moskvichi. Moskva, Voenizdat, 1962. 290 p.

WORLD WAR, 1939-1945—UNDERGROUND MOVEMENTS see subdivision under Rovno Province, Yugoslavia

WORMS, INJURIOUS AND BENEFICIAL see subdivision under Turkmenistan

WOUNDS—TREATMENT
Infected wounds in rabbits and their treatment with an antibiotic substance made of the cobweb of common synanthropic spiders. G. P. Kiriasenov. Uch. zap. Mord. gos. un. no. 13:124-142 '60
Pharmacological action of millefolium [with summary in English]. A. S. Malachevskaia. Farm. i toks. 24 no. 6 742-744 N-D '61.

WRITING
"The development of writing" by V. A. Istrin. Reviewed by E. I. Kamentseva. Ist. arkh. 8 no. 1:233-236 Ja-F '62.

X RAYS
Dependence of the quantum yield of the X-ray photoeffect from a massive cathode on the X-ray polarization state. M. A. Rumsh, V. N. Shchemelev. Fiz. tver. tela 4 no. 8: Ag '62.
Yield of photoelectrons for soft X rays I. M. Izrailev. Zhur. tekh. fiz 32 no 11 1382-1385 N '62

X RAYS—DIFFRACTION
Computing methods in roentgenography, and the "Kristall" electronic calculating machine. G. S. Zhdanov, V. I. Vlasenko. Probl. fiz. khim. no. 1 129-136 '58.
Use of high-speed electronic computers for calculations in X-ray diffraction analysis, review. M. A Porai-Koshits, A. A. Levin, B. M Shchedrin Kristallografiia 7 no. 4;648-656 Jl-Ag '62.
X-ray diffraction study of radial distribution in amorphous solid solutions of $S-As_2S_3$. G. S Zhdanov, A. I Soklakov Kristallografiia 7 no 4,555-559 Jl-Ag '62.
X-ray diffraction study of saturated aqueous solutions of tungstates. A. A. Babad-Zakhrapin, IU. F. Berezkina. Zhur. ob. khim. 32 no. 11;3474-3476 N '62.

X RAYS—PHYSIOLOGICAL EFFECT
Case of herpes zoster following X-ray irradiation. G. S. Zel'din. Vrach. delo no. 8;142 Ag '62.
Changes in the functional state of the cerebral cortex in rabbits following local irradiation of the thyroid gland with X rays [with summary in English]. I. N. Kondrat'eva. Probl. endok. i gorm. 8 no. 4:34-39 Jl-Ag '62.
Comparative characteristics of myeloid hemopoiesis in forms of the chronic action of X-rays and benzene intoxication. V. V. Sokolov, V. A. Solov'eva, I. A. Gribova Med. rad. 7 no. 7;92-93 Jl '62
Influence of preliminary irradiation with X rays on the course of brucellosis in guinea pigs. Report No 1 Course of brucellosis, blood picture, and change in internal organs in irradiated guinea pigs. T. G Beglova. Trudy Inst. kraev. pat AN Kazakh SSR 12 55-65 '62
Influence of preliminary irradiation with X rays on the course of brucellosis in guinea pigs. Report No. 2 Diffusion of Brucella in the organism and formation of antibodies in irradiated guinea pigs T. G Beglova Trudy Inst kraev. pat. AN Kazakh. SSR 12 66-74 '62.
Variation in the nucleic acid content of the extremities of axolotls following X-irradiation and the restoration of their regenerative ability N. A. Teplits. Dokl. AN SSSR 147 no. 1;244-247 N '62.

X RAYS—SCATTERING
Calculation of the functions of incoherent scattering of X rays. Part 1. O, O^{++}, N, N^{-}, Na, Na^{+}, A N Pilankevich. Kristallografiia 7 no 4,537-542 Jl-Ag '62

X RAYS—THERAPEUTIC USE
Permeability and resistance of the vascular walls in patients during X-ray therapy. A. S. Smagulov. Zdrav. Kazakh. 22 no. 6:24-28 '62.
"Use of X rays in the diagnosis and treatment of eye diseases" by L. IA. Itsikson, E. S. Vainshtein. Reviewed by N. I. Medvedev. Vest. oft. no. 1;90-91 '62.

X-RAY CRYSTALLOGRAPHY
Calculation of the functions of incoherent scattering of X rays. Part 1. O, O^{++}, N, N^{-}, Na, Na^{+}, A. N. Pilankevich. Kristallografiia 7 no. 4:537-542 Jl-Ag '62.
Fedorov meeting on the occasion of the 50th anniversary of the discovery of X-ray diffraction. M. N. Balashova, E. P. Sal'dau, V. A. Mokievskii. Zap Vses. min. ob-va 91 no. 5:521-634 '62
New X-ray diffraction camera for orienting single crystals prior to treatment P Gado Kristallografiia 7 no. 4 611-642 Jl-Ag '62.
Polymorphic transition in sodium chloride under pressure [with summary in English] V V Evdokimova, L. F. Vereshchagin Zhur eksp i teor fiz 43 no 4 1208-1212 O '62
X-ray analysis of siderites containing calcium B. G Erenburg. Zap Vses min. ob-va 91 no. 5 595-603 '62.
X-ray diffraction data on the $\alpha \rightarrow \beta$ phase transition in quartz A N Khlapova Kristallografiia 7 no 4,568-575 Jl-Ag '62
X-ray studies of triclinic characteristics of potash feldspars. A. L. Kosci Zap. Vses min. ob-va 91 no. 5' 618-620 '62.

XANTHIC ACID
Some quantitative regularities of xanthic acid adsorption by ionites I N. Ploksin, S A Tetaru Izv vys ucheb zav, tsvet. met. 5 no 3 27-31 '62

XANTHURENIC ACID
Xanthurenuria and the amount of vitamin B6 in the blood of patients with chronic hepatitis [with summary in English] V. A. Alferova, I M. Raskin. Vop med. khim 8 no 1:20-23 Ja-F '62

XENON—ISOTOPES
Isotopic composition of xenon in meteorites. L. K Levskii Geokhimiia no. 9;837-838 '62.

XEROGRAPHY see subdivision under Lithuania

XYLANS
Xylan. M. S. Dudkin. Usp. khim. 31 no. 10:1179-1190 O '62.

XYLENE
Production of phthalic anhydride by the liquid phase oxidation of o-xylene Kh. E. Khchetian and others Khim. prom. no 6 392-396 Je '62.

XYLITOL
Cleavage of an anhydride ring in dianhydroxylitol and its derivatives by hydrogen chloride in glacial acetic acid. G. E. Ustiuzhanin and others. Zhur. ob. khim. 32 no. 11 3617-3621 N '62.
Cleavage of an anhydride ring in dianhydroxylitol by amines. S. N. Danilov and others. Zhur. ob. khim. 32 no. 11;3614-3617 N '62.
New data on the structure of xylitol dianhydride. G. E. Ustiuzhanin and others. Zhur. ob. khim. 32 no. 11 3622-3627 N '62.
Transformations of cyanoethoxyl- and tosyl-xylitol under conditions of deoxidation and anhydridization of cellulose. S. N. Danilov, A. A. Lopatenok. Zhur. ob. khim. 32 no. 11;3611-3614 N '62.

YAKUT LITERATURE—HISTORY AND CRITICISM
Under a new sun. G. Syromiatnikov Oktiabr' 39 no 6 192 193 Je '62

YAKUTIA—ARCHITECTURE
Yakutia. V Dynin, E. Putintsev Arkhit. SSSR no 9 45 '62.

YAKUTIA—DIAMONDS
Composition of solid inclusions in vein minerals of diamonds. V. S. Rovsha. Zap. Vses. min. ob-va 91 no. 5' 603-605 '62.

YAKUTIA—DIATOMS
Find of Tertiary diatoms in the Khan'ya, Tyung and Tyungkeen Valleys. S. A Garkusha Trudy VAGT no. 6.49-55 '62

YAKUTIA—GEOPHYSICAL OBSERVATORIES
New trend in the investigation of cosmic rays. A. A. Pomanskii. Vest. AN SSSR 32 no. 11 130-131 N '62.

YAKUTIA—KIMBERLITE
Interpretation of aerial photographs in prospecting for kimberlite pipes. N G. Nikanorov Trudy VAGT no. 6;144-150 '62

YAKUTIA—RESEARCH
Science in Soviet Yakutia. I. S. Rozh SSSR 32 no. 11;70-75 N '62.

YAMAL-NENETS NATIONAL AREA—WOLVES
Wolf in the Yamal-Nenets National Area [with summary in English] V. P. Makridin Zool. zhur 41 no. 9. 1413-1317 S '62.

YANGI-YUL DISTRICT—COLLECTIVE FARMS
Present-day standards on collective farms. S M. Mirkhasilov. Nauch. rab. i soob. Otd. obshchestv. nauk AN Uz. SSR 4:145-151 '61.

YARN
Bulky yarns and their use in the manufacture of knit goods L. S. Smirnov. Tekst prom. 22 no 11 47-51 N '62.
Checking the formulas for the plotting of the characteristics of viscous staple yarn. N I. Manushkina. Izv. vys. ucheb. zav, tekh tekst prom no 5 26-36 '62

677117 O - 63 - 18

Effect of the twisting method on the structure of multiple ply yarns and qualitative characteristics of the twisted product. Report No 2. L. M. Dvernitskii. Izv. vys. ucheb. zav., tekh. tekst. prom. no. 5 70-79 '62.

YAROSLAVL—AUTOMOBILES—TIRES

Resolution of the Central Committee of the CPSU of September 11, 1962. Khim. volok. no. 5 1 '62.

We should support the patriotic initiative of Yaroslavl tire industry workers. Khim. volok. no. 5 2-3 '62.

YAROSLAVL—RUBBER GOODS

Yaroslavl rubber industry workers are carrying out the decisions of the March Plenum of the Central Committee of the CPSU. A. K. Godunov. Kauch. i rez. 21 no. 9 61-62 S '62.

YAROSLAVL—VIEWS

[Yaroslavl, views of the city and its environs] IAroslavl', vidy goroda i okrestnostei. [IAroslavl'] IAroslavskoe knizhnoe izd-vo, 1962. 1 v. (chiefly illus.) [Parallel texts in Russian and English]

YAROSLAVL PROVINCE—MOUNDS

The second Kharitonovskiy mound. E. I. Gorlunova. Krat. soob. Inst. arkheol. no. 91 78-82 '62.

YAROSLAVL PROVINCE—TRANSPORTATION

Experience in the coordination of transportation operations. A. L. Sergeev, A. L. Smolin. Zhel. dor. transp. 44 no. 11 40-42 N '62.

YASHKINO DISTRICT—AGRICULTURE—LABOR PRODUCTIVITY

The salt of the earth. M. Saulov. Agitator no. 21 40-41 N '62.

YEAST

Feeding young sturgeons with brewer's yeast. M. M. Kargopolova. Ryb. khoz. 38 no. 5 22 '62.

Kondrat'ev, S. A. [Biochemistry of yeast] Biokhimiia drozhzhei. Moskva, Pishchepromizdat, 1962. 268 p.

Malkov, A. M. [Technology of baker's and feed yeasts] Tekhnologiia khlebopekarnykh i kormovykh drozhzhei. Moskva, Pishchepromizdat, 1962. 236 p.

YEAST—TESTING

The "Zimograf" apparatus for determining the fermentation activity of yeast and its use for the study of the activating action of amber acid. K. P. Petrov. Izv. vys. ucheb. zav., pishch. tekh. no. 4 157-159 '62.

YEFIMOVSKIY DISTRICT—CLUBROOT

Importance of soil acidity for the clubroot of cruciferous plants. G. F. Maklakova. Zashch. rast. ot vred. i bol. 4 no. 6 53 N-D '59.

YEGORYEVSK—TEXTILE MACHINERY—TECHNOLOGICAL INNOVATIONS

Proposals of efficiency promoters of the Yegoryevsk Melange Combine. N. M. Dmitriev. Tekst. prom. 22 no. 10 53-54 O '62.

Proposals of the efficiency promoters of Yegoryevsk Melange Combine. N. M. Dmitriev. Tekst. prom. no. 11 83-85 N '62.

YEMEN—FOREIGN RELATIONS—SAUDI ARABIA

The throne of King Saud. A. Stupak. Nov. vrem. 20 no. 46 15-16 N '62.

YEMEN—POLITICS AND GOVERNMENT

The Arabian Peninsula and the revolution in Yemen. IU. Bochkarev. Nov. vrem. 20 no. 49 5-8 D '62.

The people of Yemen fight, a short review of events. Mezhdunar. zhizn' 9 no. 12 148-149 D '62.

The throne of King Saud. A. Stupak. Nov. vrem. 20 no. 46 15-16 N '62.

The Yemen Arab Republic. Agitator no. 21 16 N '62.

YENAKIYEVO—METALLURGICAL RESEARCH

Research carried out at the Yenakiyevo Metallurgical Plant. P. I. Kovalev, A. S. Babii. Stal' 22 no. 9 790, 808, 834 S '62.

YENISEY VALLEY—GUIDEBOOKS

Lyzhin, K. D. [Along the Yenisey; concise handbook and guide] Po Eniseiu, putevoditel'-spravochnik. [Krasnoiarsk] Krasnoiarskoe knizhnoe izd-vo, 1961. 320 p.

YEREVAN see Erivan

YEZERISHCHE DISTRICT—AGRICULTURE—ACCIDENTS

Agricultural injuries in the Yezerishche District. V. N. Svirkunov. Zdrav. Bel. 8 no. 2 48-49 F '62.

YOUNG COMMUNIST LEAGUE see Communist Youth League

YOUTH see subdivision under Latvia, Voronezh; United States

YOUTH—CONGRESSES

Oath of youth. L. Korneshov. Iun. nat. no. 10 22-23 O '62.

Sports forum of a festival. A. A. Afanas'ev. Teor. i prak. fiz. kul't. 25 no. 6 8-9 Je '62.

YTTERBIUM—ISOTOPES

Separation of radioactive isotopes of the rare earth elements on a mercury cathode. Part 1: Separation of Y, Yb, and Lu. V. P. Shvedov, Fu I-bei [Fu I-pei]. Radiokhimiia 4 no. 4 451 '62.

YTTERBIUM—SPECTRA

Spectra of bivalent rare earth ions in crystals of alkaline earth fluorides. Part 2. Europium and ytterbium. A. A. Kaplianskii, P. P. Feofilov. Opt. i spektr. 13 no. 2 235-241 Ag '62.

YTTRIUM

Determining zirconium and yttrium by spectrum analysis. A. A. Berdyev, L. I. Golovkova, IA. Karakhanov. Trudy fiz.-tekh. inst. AN Turk. SSR. 8 5-13 '62.

Shvei, L. V. [Basic geochemical problems of rare earth elements and yttrium i endogenic processes] Osnovnye voprosy geokhimii redkozemel'nykh elementov i ittrila v endogennykh protsessakh. Moskva, Gos. nauchn.-tekhn. izd-vo lit.-ry, po geologii i okhrane nedr, 1962. 105 p. (Geologiia mestorozhdenii redkikh elementov, no. 15)

YTTRIUM—ISOTOPES

Possibility of using a mixture of isotopes of Sr^{89} and $Sr^{90} + Y^{90}$ in direct radiometry. IU. V. Egorov and others. Radiokhimiia 4 no. 4 515-516 '62.

Separation of radioactive isotopes of the rare earth elements on a mercury cathode. Part 1: Separation of Y, Yb, and Lu. V. P. Shvedov, Fu I-bei [Fu I-pei]. Radiokhimiia 4 no. 4 151 '62.

YTTRIUM FERRATE CRYSTALS—GROWTH

Hydrothermal synthesis of yttrium ferrate. B. V. Milli. Kristallografiia 7 no. 4 644-645 Jl-Ag '62.

YUGOSLAVIA—BIBLIOGRAPHY

[New literature on Yugoslavia] *Nov. lit. po IUg. nos. 7/8* '62.

YUGOSLAVIA—COMMERCE—RUSSIA

Soviet-Yugoslav trade; an interview with S. A. Borisov. Nov. vrem. 20 no. 36 19 S '62.

YUGOSLAVIA—ECONOMIC CONDITIONS

A fraternal country is celebrating its anniversary. Ukraina no. 22 8 N '62.

YUGOSLAVIA—FOLK POETRY

Studies of the antifascist folklore in Yugoslavia. V. Gusev. Sov. etn. no. 5 157-160 S-O '62.

YUGOSLAVIA—HISTORY

Discussing the manuscript of the "History of Yugoslavia." L. L. Ukr. ist. zhur. 6 no. 4 166 Jl-Ag '62.

YUGOSLAVIA—MECHANICS—CONGRESSES

Sixth Yugoslav congress on theoretical and applied mechanics. Vest. AN SSSR 32 no. 11 122 N '62.

YUGOSLAVIA—POLITICS AND GOVERNMENT

National holiday of the Yugoslav people. Nov. vrem. 20 no. 49 18 D '62.

YUGOSLAVIA—WORLD WAR, 1939-1945—UNDERGROUND MOVEMENTS

Studies of the antifascist folklore in Yugoslavia. V. Gusev. Sov. etn. no. 5 157-160 S-O '62.

YUKHMACHI—TEACHERS

Woman with great heart. A. Karaseva. Nach. shkola 30 no. 11 94 N '62.

YUNNAN PROVINCE—RAIN FORESTS

Tropical forests on the limestones of Yunnan (Chinese People's Republic) and the origin of epiphytes. A. G. Voronov, T. V. Malysheva. Biul. MOIP, Otd. biol. 67 no. 3 146-147 My-Je '62.

YUR'YEV-POL'SKIY—CHURCH ARCHITECTURE—DETAILS

Two subjects of façade art of the Cathedral of Saint George. G. K. Vagner. Krat. soob. Inst. arkheol. no. 87 92-99 '62.

ZABOLOTNYI, VLADIMIR IGNAT'EVICH, 1896-1960

V. I. Zabolotnyi. Stroi. i arkhit. 10 no. 10 40 O '62.

ZABOTIN FAMILY

Evgenov, A. M. [The Zabotins] Suprugi Zabotiny. Moskva, Izd-vo "Sovetskaia Rossiia," *1962*, 235 p. (Liudi Sovetskoi Rossii)

ZALKA, MATE, 1895-1937

A new *document concerning* "General Lukach"; on the 25th anniversary of Mate Zalka's death. S. I. *Khoroshaia.* Ist. arkh. 8 no. 1 244 Ja-F '62.

ZAMANKUL REGION—PETROLEUM

Individual *hydrocarbon* composition of the Zamankul petroleum gasoline fraction. E. S. Levchenko and others. Khim. i tekh. topl. i masel 7 no. 5 34-37 My '62.

ZAMIATIN, SERGEI IVANOVICH, 1900-1961

Sergei Ivanovich Zamiatin *obituary.* *Vop. kur., fiziater. i lech. fiz. kul't.* 27 no. 2 189-190 Mr-Ap '62.

ZAPADNAYA DVINA see Western Dvina River

ZAPOROZH'YE—FOUNDATIONS—CONSTRUCTION

Conference on problems of the construction of large panel apartment houses on settling soil. Osn. i fund. tekh. 10 no. 5 45-46 My '62.

ZAPOROZH'YE—IRON AND STEEL PLANTS

Adoption of an electrolytic sheet steel tinning [illegible] Zaporozhstal' plant. V. I. Zinman. Sbor. trud. TSNIICHM no. 28 131-137 '62.

ZAPOROZH'YE—MENINGITIS

Virological study of an outbreak of aseptic meningitis in Zaporozh'ye [with summary in English]. V. [illegible] ev, N. R. Gutman, I. I. Fal'kova. Vop. virus. [illegible] 539-544 S-O '62.

ZAPOROZH'YE—METALLURGICAL RESEARCH

Research carried out at the "Dneprospetsstal'" [illegible] metallurgical plant. F. P. Fisenko, [illegible] V. F. Smolitskov. Stal' 22 no. 9 808, 812-813 [illegible] '62.

ZAPOROZH'YE—REFRACTORIES INDUSTRY

Zaporozh'ye Refractories Plant. I. S. Kovtunenko and Ogneupory 27 no. 11 511-512 '62.

ZAPOROZH'YE—TINNING

Improving the technology of continuous hot dip [illegible] strip steel on machine units of the "Zaporozhstal'" plant. D. I. IAshnikov, P. A. Mytsik. Sbor. trud. TSNIICHM no. 28 88-96 '62.

ZAPOROZH'YE PROVINCE—SUGAR BEETS

Sugar beets in the Chestnut Solonetz soils of [illegible] Province. P. I. Nenoykin. Zhivotnovodstvo [illegible] 19-20 F '61.

ZAPOROZH'YE PROVINCE—SWINE—FEEDING AND FEEDS

The success of stock fattening depends on [illegible] D. Arkad'ev. Obshchestv. pit. no. 10 46 O '62.

ZARUDNYI, MYKOLA IAKOVYCH

"Atlas, collected plays" by Mykola Zarudnyi [illegible] by Dmytro Shidniak. Ukraina no. 33 24 D '62.

ZAVARITSKIY VOLCANO

Lake Biryuzovoye (Zavaritskiy Caldera) and [illegible] in its chemical characteristics resulting from [illegible] eruption. K. K. Zelenov, M. A. Kanaklin. Biul. vulk. sta. no. 32 33-44 '62.

ZAYSAN DEPRESSION—FROZEN GROUND

Traces of ancient permafrost in the Zaysan [illegible] IU. P. Selliverstov, B. A. Borisov. Inform. sbor. VSEGEI no. 52 85-92 '62.

ZELENETSKAYA BAY—MARINE BIOLOGY

Some results of the study of the sublittoral of the [illegible] Murman in the Dal'nezelenetskaya Bay region with the help of aqualungs. M. V. Propp. Trudy MMBI [illegible] 59-63 '62.

ZEMSTVO

Social structure of "Zemstvo" assemblies in [illegible] counties from 1865 to 1890. L. G. Mamaeva. [illegible] Mosk. un. Ser. 9: Ist. 17 no. 6 32-40 N-D '62.

ZENITH TELESCOPE see Telescope, Zenith

ZERAVSHAN VALLEY—BIRDS OF PREY

Materials on the economic significance of some [illegible] the order Falconiformes of the Zeravshan Valley. I. A. Abdusalimov. Trudy Inst. zool. i parazit. AN Tadzh. SSR 22 16-25 '62.

ZERAVSHAN VALLEY—BOTANY

Zakirov, K. Z. [Flora and vegetation of the Zeravshan Basin] Flora i rastitel'nost' *basseina reki Zeravshan.* Tashkent, Izd-vo Akad. nauk UzSSR.
Pt. 2. [Synopsis of flora] Konspekt flory. 1962. 445 p.

ZEYA-BUREYA PLAIN—ROCKS—MAGNETIC PROPERTIES

Density and magnetic susceptibility of rocks of the Zeya-Bureya Lowland. E. N. Lishnevskii. Razved. i [illegible] geofiz. no. 45 70-81 '62.

ZEYA VALLEY—CHIPMUNKS

Biology of chipmunks of the Amur-Zeya Plateau [with summary in English]. E. M. Shigireva-kaia. Zool. zhur. 41 no. 9 1395-1401 S '62.

ZHAMAN-SARY-SU VALLEY—GEOLOGY

Quaternary sediments and recent movements in the Zhaman - Sary-Su Basin (central Kazakhstan). V. V. Kiushkin. Inform. sbor. VSEGEI no. 52 31-38 '62.

ZHASHKOV—AGRICULTURAL WORKERS

Concerning the local trade-union committee and amateur performances in Zhashkov. L. Ermilov. Sel'. mekh. no. 4 45 '62.

ZHDANOV—NEWSPAPERS ON FILMSTRIPS

A filmstrip newspaper at a building site. M. Mikhnev. Blok. agit. *[for Ukr.]* no. 30 11-15 O '59.

ZHELEZNOVODSK—HEALTH RESORTS, WATERING-PLACES, ETC.

Zasorina, T. A. [Zheleznovodsk Health Resort] Kurort Zheleznovodsk. 3. izd. [Stavropol'] Stavropol'skoe knizhnoe izd-vo, 1962. 63 p. (DNLM)

ZIEMOCHKIN, BORIS NIKOLAEVICH, 1887-1961

In memory of our comrades. Izv. ASIA 4 no. 1 136-137 '62.

ZHITKOVICHI DISTRICT—WOMEN IN AGRICULTURE

Our own "Zagloda." A. Kavaliou. Rab. i sial. 38 no. 11:4 N '62.

ZHORNITSKII, EFIM L'VOVICH, 1899-1961

In memory of our comrades. Izv ASIA 4 no. 1:136-137 '62.

ZHURIN, VLADIMIR DMITRIEVICH, d. 1962

V. D. Zhurin, obituary. Gidr. i mel. 14 no. 10:61-62 O '62.

ZINC

Effect of the triple point position on the condensation mechanism of metals in a vacuum, and some properties of Zn and Cd condensates. L. S. Palatnik, N. T. Gladkikh, Fiz. tver. tela 4 no. 8:2227-2232 Ag '62.

ZINC—ELECTROMETALLURGY

Effect of electrolyte temperature on current efficiency in the production of zinc. A. A. Salin, V. S. Volkova. [Shor. trud.] Nauch.-issl. inst. met. no. 4:139-143 '61.

ZINC—ISOTOPES

Separation of nuclear isomers of zinc. V. D. Nefedov, E. N. Sinotova, Sun' Shu-chzhen' [Sung Shu-chen]. Radiokhimiia 4 no. 4:497-498 '62.

ZINC—METALLURGY

(see also subdivision under Ust'-Kamenogorsk)

Deposition of lead and zinc in the form of sulfides from high iron solutions. A. L. TSoft, A. D. Ablanov, S. N. Sushchenko. Trudy Inst. met. i obog. AN Kazakh. SSR 5:49-52 '62.

Smelting copper-zinc concentrates in suspension. V. I. Chalov, B. V. Lipin. TSvet. met. 35 no. 7:29-31 Jl '62.

ZINC-ALUMINUM ALLOYS see Aluminum-zinc alloys

ZINC ORES

(see also subdivision under Kara-Mazar Mountains; Ural Mountains)

Altaydin, V. F. [Lead and zinc, how to search for them in the field] Svinets i tsink, kak ikh iskat' v prirode. Izd. 2., ispr. Moskva, Gosgeoltekhizdat, 1962. 38 p. (Bibliotechka iskatelia poleznykh izkopaemykh)

ZINC OXIDE

Apparatus for precipitating particles of zinc oxide aerosols in a low-frequency acoustic field. V. I. Nikitenko, V. I. Turubarov. Akust. zhur. 8 no. 3:370-372 '62.

Energy spectrum of resonance absorption in zinc oxide of 92 Kev. γ-radiation from Zn^{67} [with summary in English] V. P. Alfimenkov and others. Zhur. eksp. i teor. fiz. 42 no. 4 1029-1035 Ap '62.

Experimental determination of the acitivity of zinc oxide in synthetic slags. B. V. Lebed', V. I. Smirnov. Dokl. AN SSSR 147 no. 1:159-161 N '62.

ZINC PLATING

Determination of the thickness of zinc electroplated coatings by the anodic solution method. I. A. Berezin. Zav. lab. 28 no. 8 956-957 '62.

ZINC SALTS

Determination of small amounts of molybdenum in zinc salts by its catalytic effect on the reaction of hydrogen peroxide with potassium iodide. I. V. Piatnitskii, L. M. Kaliashnik. Ukr. khim. zhur. 28 no. 8:973-976 '62.

ZINC SULFATE

Zinc sulfate regeneration in the production of extrastrong viscose cord. A. T. Serkov, I. N. Kotomina, V. A. Kolchin. Khim. volok. no. 5 30-32 '62.

ZIRCONIUM

(see also subdivision under Kamchatka, Kurile Islands)

Determining zirconium and yttrium by spectrum analysis. A. A. Berdyev, L. I. Golovkova, IA. Karakhanov. Trudy fiz.-tekh. inst. AN Turk. SSR 6:5-18 '62.

Extractive separation of zirconium and hafnium. G. E. Kaplan and others. Ekstr.; teor., prim., app. no. 1: 117-124 '62.

ZIRCONIUM COMPOUNDS

Determination of the composition and stability constants of complex compounds by the electromigration method. Part 1. Determination of the compositions and stability constants of oxalate complexes of zirconium. V. P. Shvedov, E. I. Maslov. Radiokhimiia 4 no. 4:427-434 '62.

ZLATOUST—METALLURGICAL RESEARCH

Research carried out at the Zlatoust Metallurgical Plant. G. A. Khasin, V. N. Davidiuk. Stal' 22 no. 9, 813, 849, 851 S '62.

ZNAMENKA DISTRICT—AGRICULTURAL COURTS AND PROCEDURE

Our fellow farmers' court. S. Vasyl'ieva. Rad. pravo no. 6 56-57 N-D '62.

ZONE MELTING

Achievements and further prospects for electric slag refining. B. E. Paton and others. Stal' 22 no. 11 1001-1005 N '62.

Interrelationship between ecology and zoogeography. A. P. Kuziakin. Vop. ekol. 4 42-43 '62.

Primary objectives in working out quantitative zoogeographical indices and a plan of organizing the work on birds and mammals in this direction. V. Teplov. Vop. ekol. 4:149-150 '62.

ZOOLOGICAL RESEARCH

(see also subdivision under Komi A.S.S.R.)

Plow furrows in the ecologic and faunistic investigation of murine rodents and shrews. L. N. Glotov. Vop. ekol. 4, 98-99 '62.

ZOOLOGY—CONGRESSES

Toward the coming 16th International Zoological Congress. M. S. Gilarov. Zool. zhur. 41 no. 7, 1120 Jl '62.

ZOOLOGY—ECOLOGY

Energetic foundations of the problem of biological productivity. V. S. Ivlev. Vop. ekol. 4 27-28 '62.

Interrelationship between ecology and zoogeography. A. P. Kuziakin. Vop. ekol. 4:42-43 '62.

Significance of the nervous system in the ecology of animals. I. D. Strel'nikov. Vop. ekol. 4 77-79 '62.

Studying the blood picture as one of the additional methods of ecologic research. L. A. Salganskaia. Vop. ekol. 4:142-143 '62.

"Telergons" as a means animals use to influence the biotic factors of the surrounding medium. IA. D. Kirshenblat. Vop. ekol. 4 35-36 '62.

ZOOPLANKTON

Methods of studying the effect of currents on aquatic invertebrates. L. A. Luferova. Vop. ekol. 4:128-129 '62.

ZUTIS, JANIS, 1893-1962

Academician Janis Zutis, obituary. T. Zeids. Izv. AN Latv. SSR no. 7:148-150 '62.

Janis Zutis; obituary. Ist. SSR 8 no. 6:224-225 N-D '62.

ZYRYANOVSK—ORE DRESSING—WATER SUPPLY

Results of pilot plant tests on the utilization of waste waters from the Zyryanovsk Ore Dressing Plant in the dressing of sulfide ores. N. P. Shakhmatova. TSvet. met. 35 no. 7, 83-86 Jl '62.

ZYRYANOVSK—TAILINGS (METALLURGY)

Operation of tailing ponds at the Zyryanovsk Ore Dressing Plant. IU. N. Fil'shin, N. B. Karatacv. TSvet. met. 35 no. 7:86-89 Jl '62.

IN THIS ISSUE:
LIST OF PERIODICALS ARRANGED BY SUBJE

Monthly Index *of* Russian Accessions

Volume 15, No. 12 March 1963

THE LIBRARY OF CONGRESS
WASHINGTON : 1963

INTRODUCTORY NOTE

The MONTHLY INDEX OF RUSSIAN ACCESSIONS* is a record of the publications in the Russian language issued in and outside the Soviet Union that are currently received by the Library of Congress and a group of cooperating libraries. Whenever possible, publications printed in other languages spoken in the Soviet Union are also included.

The MONTHLY INDEX consists of three parts. Part A lists monographic literature, but no accessions published earlier than 1945 are included. To facilitate the use of this INDEX by readers who are not thoroughly familiar with the Russian language, the title in the original language in Part A is preceded by its English translation in brackets.

Part B lists Russian periodicals received, but excludes accessions printed earlier than 1947. Certain Soviet periodicals are being translated into English from cover to cover and published regularly in translation in the United States and other English-speaking countries. A list of such translated periodicals, their publishers, subscription prices, etc., is given at the end of each issue of the *Monthly Index*. In Part B such periodicals are indicated by an asterisk before the periodical title.

Part C provides subject analysis of the monographic titles listed in Part A and of the articles appearing in the periodicals enumerated in the *List of Periodicals Indexed and Abbreviations Used* at the beginning of Part C. The number and letter in parentheses following each abbreviation indicate the class and subclass in which the periodical appears in Part B. For the convenience of readers desiring to examine only monographs or periodical articles, the monographs are printed in slightly heavier type than the periodical articles. The titles of monographs are given both in the original language and in English translation, whereas titles of periodical articles are given in English translation only.

Sample title: Electric action of the brain in glaucoma. L.S.Levina, G.M.Neishtadt. *Vestnik* ... no.5: 8–12 S–O '51.

Explanation: An article with title given above in English translation, written by L. S. Levina and G. M. Neishtadt, will be found in the September–October 1951 issue of *Vestnik ... talmologii*, vol. 30, no. 5, pages 8–12.

A cumulative list of periodicals included in the current volume appears in number 12 of the volume. This list is arranged by subject; the symbols of American libraries other than the Library of Congress, known to have files of such periodicals, follow each title.

Except in Part C, the material is divided into 17 subject classes and is arranged alphabetically within each class. In addition, for the convenience of the reader, the serials listed in Part B are divided within each subject class into several subclasses. All entries are transliterated according to the usual Library of Congress system except that ligatures are omitted. Unless otherwise indicated, all listed items are represented in the collections of the Library of Congress. Symbols representing other libraries indicate when items are available in those libraries. Curves ( ) around a symbol indicate that at the time of receipt the material was available in another library but not in the Library of Congress.

Cumulative author, subject, and periodical location indexes to the first four volumes of the MONTHLY INDEX are available as separate publications. Beginning with Volume 5, an author index to the monographs, and a periodical location index for the entire volume are furnished as appendices to the first two issues of the following volume.

Orders for microfilm or photostat copies of the listed items that are in the collections of the Library of Congress may be placed with the Photoduplication Service, Library of Congress, Washington 25, D. C.

The MONTHLY INDEX OF RUSSIAN ACCESSIONS is for sale by the Superintendent of Documents, U. S. Government Printing Office, Washington 25, D. C.

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L. C. card, 48–46562

*Volumes 1–10 (No. 9), 1948–1957, issued under title *Monthly List of Russian Accessions*.

AAP	Auburn University, Auburn, Ala.
AMAU	Air University Library, Maxwell Air Force Base, Montgomery, Ala.
AU	University of Alabama, University
AzU	University of Arizona, Tucson
C	California State Library, Sacramento
CCC	Honnold Library, Claremont, Calif.
CFS	Fresno State College, Fresno, Calif.
CL	Los Angeles Public Library
CLCM	Los Angeles County Museum Library, Los Angeles
CLL	Los Angeles County Law Library, Los Angeles
CLM	Los Angeles County Medical Association, Los Angeles
CLSU	University of Southern California, Los Angeles
CLU	University of California at Los Angeles
CMthL	University of California, Lick Observatory, Mount Hamilton
CPT	California Institute of Technology, Pasadena
CSf	San Francisco Public Library
CSfA	California Academy of Sciences, San Francisco
CSfU	University of San Francisco, San Francisco
CSmH	Henry E. Huntington Library, San Marino, Calif.
CSt	Stanford College Libraries, Stanford, Calif.
CSt–H	— The Hoover Institution on War, Revolution, and Peace
CSt–L	— Lane Medical Library
CStbS	University of California, Santa Barbara Library, Goleta
CStmoR	Rand Corporation, Santa Monica, Calif.
CU	University of California, Berkeley
CU–A	— University of California, Davis
CU–B	— Bancroft Library, Berkeley
CU–E	— East Asiatic Library, Berkeley
CU–M	— Medical Center, San Francisco
CU–Riv	— College of Arts, Letters and Science, Riverside
CU–S	— Scripps Institution of Oceanography, La Jolla
CaAEU	University of Alberta, Edmonton, Canada
CaBVa	Vancouver Public Library, Vancouver, Canada
CaBVaU	University of British Columbia, Vancouver, Canada
CaBViPA	Provincial Archives, Victoria, Canada
CaMWM	Medical Library of the University of Manitoba, Winnipeg, Canada
CaOKQ	Queen's University, Kingston, Canada
CaOL	London Public Library, London, Canada
CaOOA	Public Archives Library, Ottawa, Canada
CaOOAg	Department of Agriculture, Main Library, Ottawa, Canada
CaOLU	University of Western Ontario, London, Canada
CaOOF	Department of Finance Library, Ottawa
CaOOG	Geological Survey of Canada, Ottawa, Canada
CaOOGB	Geographical Branch, Department of Mines and Technical Surveys, Ottawa, Canada
CaOOH	Laboratory of Hygiene, Ottawa, Canada
CaOOM	Bureau of Mines Library, Ottawa
CaOON	National Research Council, Ottawa, Canada
CaOONM	National Museum, Ottawa, Canada
CaOOS	Dominion Bureau of Statistics, Ottawa, Canada
CaOOU	University of Ottawa, Ottawa, Canada
CaOTM	Library, Meteorological Branch, Air Services, Dept. of Transport, Toronto, Canada
CaOTR	Royal Canadian Institute, Toronto. (Collection included with CaOTU)
CaOTU	University of Toronto, Toronto, Canada
CaQMAI	Arctic Institute of North America, Montreal, Canada
CaQMBM	Bibliothèque de la Ville de Montréal, Collection Gagnon, Montreal
CaQMM	McGill University, Montreal, Canada
CaQMU	La Bibliothèque de l'Université de Montréal, Montreal
CaSSU	University of Saskatchewan, Saskatoon, Canada
CoBBS	U. S. National Bureau of Standards, Boulder Laboratories, Colorado
CoD	Denver Public Library
CoDM	Medical Society of the City and County of Denver
CoFS	Colorado State University, Fort Collins
CoU	University of Colorado, Boulder
CtHT	Trinity College, Hartford, Conn.
CtU	University of Connecticut, Storrs
CtW	Wesleyan University, Middletown, Conn.
CtY	Yale University, New Haven
CtY–L	— Law Library
CtY–M	— Medical School Library
DAIA	American Institute of Architects Library, Washington, D. C.
DAL	U. S. Army Library, Pentagon Building
DBC	U. S. Bureau of the Census Library
DBS	U. S. National Bureau of Standards Library
DC	U. S. Department of Commerce Library
DCU	Catholic University of America Library, Washington, D. C.
DDC	Dominican House of Studies, Immaculate Conception Convent Library, Washington, D. C.
DDO	Dumbarton Oaks Research Library of Harvard University, Washington, D. C.
DFR	Board of Governors of the Federal Reserve System
DI	U. S. Department of the Interior Library
DI–GS	— Geological Survey Library
DM	U. S. Bureau of Mines Library. (Library integrated with DI)
DN	U. S. Department of the Navy Library
DN–HO	— Naval Oceanographic Office Library
DN–Ob	— Naval Observatory Library
DN–RL	Naval Research Laboratory Library, Anacostia Station, Washington, D. C.
DNAL	National Agricultural Library
DNIH	National Institutes of Health Library, Bethesda, Md.
DNLM	U. S. National Library of Medicine
DNW	U. S. National War College Library, Fort McNair
DP	U. S. Patent Office Library
DS	U. S. Department of State Library
DSC	Scottish Rite Supreme Council Library
DSI	Smithsonian Institution Library, Washington, D. C.
DSI–AO	— Astrophysical Laboratory Library
DSI–E	— Bureau of American Ethnology Library
DSI–M	— National Museum Library
DWB	U. S. Weather Bureau Library
DeU	University of Delaware, Newark
FMU	University of Miami, Coral Gables, Fla.
FTaSU	Florida State University, Tallahassee
FU	University of Florida, Gainesville
GAT	Georgia Institute of Technology, Atlanta
GEU	Emory University, Atlanta
GU	University of Georgia, Athens
I	Illinois State Library, Springfield
IArg	Argonne National Laboratory, Argonne, Ill.
IC	Chicago Public Library
ICA	Art Institute of Chicago, Chicago
ICAC	American College of Surgeons Library, Chicago
ICF	Chicago Natural History Museum, Chicago
ICJ	John Crerar Library, Chicago
ICMILC	Midwest Inter-Library Center, Chicago
ICN	Newberry Library, Chicago
ICU	University of Chicago, Chicago
ICU–Y	Yerkes Observatory, Williams Bay, Wis.
ICarbS	Southern Illinois University, Carbondale
IEN	Northwestern University, Evanston, Ill.
IEN–M	— Medical School Library, Chicago
IHi	Illinois State Historical Library, Springfield
IU	University of Illinois, Urbana

IaAS	Iowa State University of Science and Technology, Ames
IaU	State University of Iowa, Iowa City
IdNTS	National Reactor Testing Station, Technical Library, Phillips Petroleum Company, Idaho Falls, Idaho
IdU	University of Idaho, Moscow
In	Indiana State Library, Indianapolis
InIA	Indiana Academy of Science Library, Indianapolis
InLP	Purdue University, Lafayette, Ind.
InNd	University of Notre Dame, Notre Dame, Ind.
InU	Indiana University, Bloomington
KAS	St. Benedict's College, Atchison, Kan.
KMK	Kansas State University, Manhattan
KU	University of Kansas, Lawrence
KU-L	— School of Law Library
KU-M	— Medical Center Library, Kansas City
KyU	University of Kentucky, Lexington
LNHT	Howard-Tilton Memorial Library of Tulane University, New Orleans, La.
LU	Louisiana State University, Baton Rouge
MA	Amherst College, Amherst, Mass.
MB	Boston Public Library
MBA	American Academy of the Arts and Sciences, Boston
MBAt	Boston Athenaeum, Boston
MBM	Boston Medical Library, Boston
MBN	Boston Society of Natural History, Boston
MBU	Boston University
MBdAF	U. S. Air Force Cambridge Research Center, Bedford, Mass.
MCM	Massachusetts Institute of Technology, Cambridge, Mass.
MH	Harvard University, Cambridge, Mass.
MH-A	— Arnold Arboretum, Jamaica Plain
MH-AH	— Andover-Harvard Theological Seminary Library
MH-BH	— Blue Hill Meteorological Observatory, Milton, Mass.
MH-BL	— Biological Laboratories Library
MH-C	— Chemistry Library
MH-F	— Farlow Reference Library
MH-FA	— Fogg Art Museum Library
MH-G	— Gary Herbarium Library
MH-GM	— Gordon McKay Library
MH-HY	— Harvard-Yenching Institute (Chinese-Japanese Library)
MH-L	— Law School Library
MH-M	— Schools of Medicine, Public Health and Dental Medicine, Boston
MH-Mi	— Mineralogical Library
MH-O	— Astronomical Observatory, the Phillips Library
MH-P	— Peabody Museum Library
MH-PP	[illegible]

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MiU-L	— Law Library
MnSJ	James Jerome Hill Reference Library, St. Paul
MnU	University of Minnesota, Minneapolis
MnU-B	— Bio-Medical Library
MnU-L	— Law Library
MoFC	Central College, Fayette, Mo.
MoKL	Linda Hall Library, Kansas City
MoRM	University of Missouri School of Mines and Metallurgy, Rolla
MoS	St. Louis Public Library
MoSB	Missouri Botanical Garden, St. Louis
MoSU	St. Louis University, St. Louis
MoSW	Washington University, St. Louis
MoU	University of Missouri, Columbia
MsSM	Mississippi State University, State College
MsU	University of Mississippi, Oxford
MtBC	Montana State College, Bozeman
MtU	Montana State University, Missoula
N	New York State Library, Albany
NB	Brooklyn Public Library
NBB	Brooklyn Museum Libraries, Brooklyn
NBC	Brooklyn College, Brooklyn
NBG	Brooklyn Botanic Garden, Brooklyn
NBM	Academy of Medicine of Brooklyn Library, Brooklyn
NBSU-M	State University of New York, College of Medicine Downstate Medical Center Library, Brooklyn
NBuB	Buffalo Society of Natural Sciences, Buffalo
NCH	Hamilton College, Clinton, N. Y.
NCorniC	Corning Glass Works Library, Corning, N. Y.
NCsC	Carnegie Institution, Department of Genetics, Cold Spring Harbor, N. Y.
NIC	Cornell University, Ithaca, N. Y.
NIC-A	— State Colleges of Agriculture and Home Economics
NN	New York Public Library
NNA	American Geographical Society, New York
NNBG	New York Botanical Garden, Bronx Park, New York
NNC	Columbia University, New York
NNC-L	— Law Library
NNC-M	— Medical Library
NNC-T	— Teachers College Library
NNCC	Chemists' Club, New York
NNCoCi	College of the City of New York, New York
NNCorM	Cornell University Medical College Library, New York
NNE	Engineering Societies Library, New York
NNF	Fordham University, New York
NNIS	Library for Intercultural Studies, New York
NNJ	Jewish Theological Seminary of America, New York
NNM	American Museum of Natural History, New York
NNMM	Metropolitan Museum of Art Library, New York
NNNAM	New York Academy of Medicine, New York
NNPH-O	Institute of Ophthalmology, Presbyterian Hospital, New York
NNR	Russell Sage Foundation, College of the City of New York
NNRI	Rockefeller Institute for Medical Research, New York
NNU	New York University Libraries, New York
NNU-H	— University Heights Library
NNU-W	— Washington Square Library
NNUN	United Nations Library, New York
NPV	Vassar College, Poughkeepsie, N. Y.
NRE	Eastman Kodak Company, Rochester, N. Y.
NRU	University of Rochester, Rochester, N. Y.
NSyU	Syracuse University, Syracuse, N. Y.
NUpB	U. S. Brookhaven National Laboratory, Upton, N. Y.
NYBT	Boyce Thompson Institute for Plant Research, Yonkers, N. Y.
NbU	University of Nebraska, Lincoln

NcD	Duke University, Durham, N. C.
NcGW	Woman's College of the University of North Carolina, Greensboro
NcRS	North Carolina State College of Agriculture and Engineering, Raleigh
NcU	University of North Carolina, Chapel Hill
NdU	University of North Dakota, Grand Forks
Nh	New Hampshire State Library, Concord
NhD	Dartmouth College, Hanover, N. H.
NjI	Irvington Free Public Library, Irvington, N. J.
NjMuA	Air Reduction Company, inc., Central Research Department Library, Murray Hill
NjMuB	Bell Telephone Laboratories, Murray Hill, N. J.
NjN	Newark Public Library, Newark, N. J.
NjP	Princeton University, Princeton, N. J.
NjR	Rutgers University, New Brunswick, N. J.
NmUpU	New Mexico State University of Agriculture, Engineering and Science, University Park
NvU	University of Nevada, Reno
O	Ohio State Library, Columbus
OCH	Hebrew Union College, Cincinnati
OCLloyd	Lloyd Library and Museum, Cincinnati
OCU	University of Cincinnati, Cincinnati
OCl	Cleveland Public Library
OClBHS	Benedictine High School, Cleveland
OClCS	Case Institute of Technology, Cleveland
OClJC	John Carroll University, Cleveland
OClM	Cleveland Medical Library
OClMA	Cleveland Museum of Art
OClW	Western Reserve University, Cleveland
OCoB	Battelle Memorial Institute, Columbus
ODW	Ohio Wesleyan University, Delaware, Ohio
OHi	Ohio State Historical Society, Columbus
OO	Oberlin College, Oberlin, Ohio
OOxM	Miami University, Oxford, Ohio
OSte	Carnegie Library, Steubenville, Ohio
OU	Ohio State University, Columbus
OUCA	Chemical Abstracts, Ohio State University, Columbus
OkS	Oklahoma State University, Stillwater
OkU	University of Oklahoma, Norman
OrCS	Oregon State University, Corvallis
OrPR	Reed College, Portland, Ore.
OrU	University of Oregon, Eugene
P	Pennsylvania State Library, Harrisburg
PBL	Lehigh University, Bethlehem, Pa.
PBm	Bryn Mawr College, Bryn Mawr, Pa.
PHC	Haverford College, Haverford, Pa.
PLF	Franklin and Marshall College, Lancaster, Pa.
PP	Free Library of Philadelphia
PPAN	Academy of Natural Sciences, Philadelphia
PPAmP	American Philosophical Society, Philadelphia
PPC	College of Physicians of Philadelphia
PPDrop	Dropsie College for Hebrew and Cognate Learning, Philadelphia
PPF	Franklin Institute, Philadelphia
PPPM	Philadelphia Museum of Art
PPT	Temple University, Philadelphia
PPUC	Union Library Catalogue of the Philadelphia Metropolitan Area, Philadelphia
PPWI	Wistar Institute of Anatomy and Biology, Philadelphia
PPiCI	Carnegie Institute of Technology, Pittsburgh
PPiU	University of Pittsburgh, Pittsburgh
PRosC	Rosemont College, Rosemont, Pa.
PSC	Swarthmore College, Swarthmore, Pa.
PSt	Pennsylvania State University, University Park
PU	University of Pennsylvania, Philadelphia
PU-BZ	— Botany-Zoology Library
PU-El	— Moore School of Electrical Engineering Library
PU-FA	— School of Fine Arts Library
PU-Math	— Mathematics-Physics Library
PU-Mu	— University Museum Library
PU-Penn	— Penniman Library of Education
PU-Sc	— Towne Scientific School Library
RPB	Brown University, Providence, R. I.
RU	University of Rhode Island, Kingston
TCU	University of Chattanooga, Chattanooga, Tenn.
TNJ	Joint University Libraries (Vanderbilt University, George Peabody College for Teachers, and Scarritt College), Nashville, Tenn.
TONS	Oak Ridge Institute of Nuclear Studies, Oak Ridge, Tenn.
TU	University of Tennessee, Knoxville
TxCM	Agricultural and Mechanical College of Texas, College Station
TxDaM	Southern Methodist University, Dallas
TxHR	Rice Institute, Houston
TxLT	Texas Technological College, Lubbock
TxU	University of Texas, Austin
ULA	Utah State University of Agriculture and Applied Science, Logan
ViBlbV	Virginia Polytechnic Institute, Blacksburg
ViU	University of Virginia, Charlottesville
ViU-L	— Law Library
ViW	College of William and Mary, Williamsburg
VtMiM	Middlebury College, Middlebury, Vt.
VtU	University of Vermont and State Agricultural College, Burlington
WAP	Institute of Paper Chemistry, Appleton
WHi	State Historical Society of Wisconsin, Madison
WU	University of Wisconsin, Madison
WaU	University of Washington, Seattle
WvU	West Virginia University, Morgantown

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Periodicals Available in English Translation Cove

1. GENERAL

HOMIN UKRAINY, VYDAVNYTSTVO, Toronto. [Calendar almanac of "Homin Ukrainy" for 1963] Al'manakh kalendar...na rik 1963. Toronto, Nakladom vyd-va "Homin Ukrainy [n.d.] 190 p.

LATVIAN S.S.R. Tautas saimniecibas sasniegumu izstade. [The hall of culture] Kulturas pils. Riga, Latvijas Valsts izdevnieciba, 1959. 27 p. [In Latvian]

OB'EDINENNAIA NAUCHNAIA KONFERENTSIIA UCHENYKH GORODA SAMARKANDA 3d, Samarkand, 1961. [Materials of the Joint Conference of Scientists and Scholars of Samarkand, Series in the Humanities and Natural Sciences] Materialy: Seriia gumanitarnykh i estestvennykh nauk [Glav. red. A. T. Tulaganov] Samarkand, Izd-vo Samarkandskogo univ., 1961. 350 p. [In Russian and Uzbek]
(MH)

[SOVIET UKRAINIAN ENCYCLOPEDIA] Ukraïns'ka Radians'ka entsiklopediia. Holovna red. kolegiia M. P. Bazhan ta inshi. Kyiv, Akad. nauk URSR. Vol. 9. Maiak - Nakhichevan'. [1962] 508 p.

2. BIBLIOGRAPHY

AKADEMIIA NAUK AZERBAIDZHANSKOI SSR, Baku. TSentral'naia nauchnaia biblioteka. [Bibliography of the publications of the Academy of Sciences of Azerbaijan, 1945-1959] Bibliografiia izdanii Akademii nauk Azerbaidzhanskoi SSR, 1945-1959 gg. Baku, Izd-vo Akad. nauk Azerbaidzhanskoi SSR, 1962. 676 p.

AKADEMIIA NAUK SSSR. Biblioteka. [Classified union catalog of foreign books on library science, 1917-1945; works received in the Library of the Academy of Sciences of the U.S.S.R. and in the Leningrad Public Library] Svodnyi sistematicheskii katalog inostrannykh knig po bibliotekovedeniiu, 1917-1945 gg., izdannia, postupivshie v Biblioteku Akademii nauk SSSR i Gosudarstvennuiu publichnuiu biblioteku im. M. E. Saltykova-Shchedrina. Leningrad, 1962. 133 p.

[AUTOMATION IN PRINTING; a collection of translations] Avtomatizatsiia v poligrafii; sbornik perevodov. Pod red. i s predisl. A. N. Chernyshova. Moskva, Izd-vo inostr. lit-ry, 1961. 466 p.

DOBROVOL'SKII, L. M. [Prohibited books in Russia, 1825-1904; a bibliography] Zapreshchennaia kniga v Rossii, 1825-1904; arkhivno-bibliograficheskie razyskaniia. Moskva, Izd-vo Vsesoiuz. knizhnoi palaty, 1962. 253 p.

KALETIN, N. I. [Readers and books, the art of being a reader] Chitatel' i kniga; ob iskusstve byt' chitatelem. Moskva, Izd-vo "Znanie," 1962. 46 p. (Novoe v zhizni, nauke, tekhnike. VI Seriia: Literatura i iskusstvo, no. 23)

SOKOLOV, P. V. [Collections of exchange and reserve materials in libraries and their use] Obmenno-rezervnye fondy bibliotek i ikh ispol'zovanie. Leningrad, Akad. nauk SSSR. Biblioteka, 1962. 104 p.

TIFLIS. MUZEI GRUZII. [Catalog of the printing blocks of the Museum of Georgia] Katalog nabivnykh form muzeia Gruzii. [By] G. A. Chachashvili. Tbilisi, Izd-vo Akad. nauk Gruzinskoi SSR, 1962. 58 p. 61 plates.

3. PHILOSOPHY & RELIGION

AKADEMIIA PEDAGOGICHESKIKH NAUK RSFSR, Moscow. Institut teorii i istorii pedagogiki. [Our experience in the education of young atheists] Nash opyt vospitaniia iunykh ateistov. Pod red. P. A. Nikitina. Moskva, Izd-vo Akad. pedagog. nauk RSFSR, 1962. 27 p. (Pedagogicheskie chteniia)

AKBARDIIA, K. N. [The correlation of dialectics and materialism. O vzaimosviazi dialektiki i materializma. Tbilisi, Gos. izd-vo "Sabchota Sakartvelo"] 1962. 220 p. [In Georgian]

BAKHTADZE, BRONISLAV. [Plekhanov's theory of aesthetics] Esteticheskie vzgliady Plekhanova. Tbilisi, Sabchota Mtserali, 1961. 219 p. [In Georgian]
(MH)

BAKRADZE, K. S. [Existentialism. Ekskistentializm. Tbilisi, Gos. izd-vo "Sabchota Sakartvelo"] 1962. 86 p. [In Georgian]

BIBLE. N. T. Latvian. 1960. [The New Testament of Our Lord and Savior Jesus Christ and psalms] Musu Kunga un Pestitaja Jezus Kristus Jauna Derība [un psalmi]. Riga, Izdevusi Latvijas Ev.-lut. Baznīcas Virsvalde, 1960. 665 p. [In Latvian]

CHESNOKOV, P. V. [The logical phrase and clause] Logicheskaia fraza i predlozhenie. [Rostov-na-Donu] Izd-vo Rostovskogo univ., 1961. 97 p.
(MH)

DMITRIEVA, N. A. [On the beautiful] O prekrasnom. Moskva, Gos. izd-vo "Iskusstvo", 1960. 93 p.
(RPB)

FEDORIW, GEORGE. [Holy places, diary of the Ukrainian pilgrimage from Canada to the Holy Land, August 8-27, 1960] Na sviatykh mistsiakh; dnevnyk ukraïns'koho palomnytstva z Kanady do Sviatoi Zemli vid 8-ho do 27-ho serpnia 1960. Toronto, Ukraïns'ke vyd-vo "Dobra knyzhka," 1962. 162 p. (no. 177)

FIGUROVSKII, N. A. [Chemistry shows the fallacy of religion] Khimiia oblichaet. Moskva, Izd-vo "Sovetskaia Rossiia," 1962. 52 p.

GAGOIDZE, V. A. [Philosophy of Il'ia Chavchavadze. Mirovozzrenie Il'i Chavchavadze. Tbilisi, Akad. nauk Gruzinskoi SSR] 1962. 401 p. [In Georgian]

GARKAVENKO, F. I. [Sects; their faith and works] Sektanty, ikh vera i dela. Kiev, Gos. izd-vo polit. lit-ry USSR, 1960. 118 p.
(WU)

ISIDOROVICH, T. O. [Problem of the interrelationship of sensations in psychology. K probleme vzaimootnoshenila oshchushchenii v psikhologii. Tbilisi, Izd-vo Akad. nauk Gruzinskoi SSR] 1961. 200 p. [In Georgian with summary in Russian]

KELLE, V. ZH., and M. IA. KOVAL'ZON. [Historical materialism] Istoricheskii materializm, kurs lektsii. Moskva, Gos. izd-vo "Vysshaia shkola," 1962. 478 p.

KHADZHIBEILI, DZHEIKHUN. [Anti-Islamic propaganda and its methods in Azerbaijan] Antiislamistskaia propaganda i ee metody v Azerbaidzhane. Munich, In-t po izucheniiu SSSR, 1959. 87 p.
(IaU)

KIEV. KIEVO-PECHERSKAIA LAVRA. [Kiev-Pechersky Monastery, a guidebook] Gosudarstvennyi zapovednik-muzei "Kievo-Pecherskaia Lavra", putevoditel'. Kiev, Gospolitizdat, USSR, 1961. 159 p.
(MH)

KONKIN, S. S. [Philosophic and aesthetic attitude of the periodical "Russkoe slovo" from 1863 to 1866] Filosofsko-esteticheskaia pozitsiia zhurnala Russkoe slovo v 1863-1866 gody. Sterlitamak, Sterlitamakskii gos. pedagog. in-t, 1961. 49 p.
(MH)

KORNEEVA, A. I. [Critical evaluation of neopositivist views on the nature of knowledge] Kritika neopozitivistskikh vzgliadov na prirodu poznaniia. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1962. 225 p.

KORNIENKO, V. S. [The nature of aesthetic cognition] O sushchnosti esteticheskogo poznaniia. Novosibirsk, Izd-vo Sibirskogo otd-niia AN SSSR, 1962. 174 p.

KOVAL'SKII, N. A. [Affairs of the Vatican] Dela vatikanskie. Moskva, Gospolitizdat, 1962. 62 p.

LEHÉN, TUURE. [Ideology of the laboring classes, lectures on dialectical materialism. Translated from the Finnish] Mirovozzrenie rabochego klassa; lektsii po dialekticheskomu materializmu. Predisl. A. F. Okuleva. Moskva, Izd-vo inostr. lit-ry, 1962. 171 p.

LENINGRAD. UNIVERSITET. [Some problems of dialectical materialism] Nekotorye voprosy dialekticheskogo materializma. Leningrad, 1962. 193 p.

MEGRABIAN, A. A. [Depersonalization] Depersonalizatsiia. Erevan, Armianskoe gos. izd-vo, 1962. 354 p.

MIKHAILEVICH, A. V. [People and principles] Liudi i printsipy. Moskva, Gospolitizdat, 1962. 107 p. (Moral'nyi kodeks stroitelia kommunizma)

MOSCOW. AKADEMIIA OBSHCHESTVENNYKH NAUK. [Theoretical and practical problems of communist education] Voprosy teorii i praktiki kommunisticheskogo vospitaniia. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1962. 306 p.

NAHAYEWSKY, ISIDORE. [Church unity and the idea of the Kievan patriarchate] Ob'iednannia TSerkvy i ideia Patriarkhatu v Kyievi; istorychno-bohoslovs'ka studiia. Toronto, Ukr. vyd-vo "Dobra knyzhka," 1961. 93 p. (no. 171)

NAUCHNAIA KONFERENTSIIA PO PROBLEME KOMMUNISTICHESKOGO VOSPITANIIA TRUDIASHCHIKHSIA V PERIOD RAZVERNUTOGO STROITEL'STVA KOMMUNIZMA, Novosibirsk, 1961. [Materials of the Conference on Problems of the Communist Education of Workers during the Large-scale Building of Communism] Materialy. Novosibirsk, Izd-vo Sibirskogo otd-niia Akad. nauk, SSSR.
No. 2. [Problems in the theory and practice of atheism] Voprosy teorii i praktiki nauchnogo ateizma. 1961. 1 v.
(MH)

ORTHODOX EASTERN CHURCH, CZECHOSLOVAK. [Yearbook of the Orthodox Eastern Church in Czechoslovakia for 1962] Ezhegodnik. Roĉenka. 1962. Prague, 1962. 126 p. [With summaries in English and German]

PLIUSHCH, L. [Content and form] Soderzhanie i forma. [Moskva] Mosk. rabochii, 1962. 62 p. (Obshchedostrupnaia bibliotechka po filosofii)

RAGAUSKAS, JONAS Ite, missa est! Treciasis leidimas Vilnius, Valstybine grozines literaturos leid,kla, 1961 518 p [In Lithuanian]

SELIVANOV, F. A. [Ethics, essays] Etika, ocherki. Tomsk, Izd-vo Tomskogo univ , 1961 184 p. (MH)

SHAKARIAN, G. G [Philosophy of A M Garagashian, Mirovozzrenie A M Garagashiana Erevan, Izd-vo Erevanskogo gos. univ ,] 1962 228 p [In Armenian]

SIVTSOV, K. I. [Why priests today make a break with religion] Pochemu sluzhiteli kul'ta poryvaiut segodnia s religiei. [Perm'] Permskoe knizhnoe izd-vo, 1962. 38 p (Bibliotechka 'Razgovory po dusham')

SMIRNOV, P S. [History of the Orthodox Church] Istoriia khristianskoi pravoslavnoi tserkvi. Izd. 2. Perepechatal i dopolnil illiustratsiiami Arkhimandrit Panteleimon. [n. p.] Izd. Sviato-Troitskogo monastyria, 1957. 279 p. (ICU)

SOKOLOVA, V. G. [Religion and women] Religiia i zhenshchina [Perm'] Permskoe knizhnoe izd-vo, 1962. 18 p. (Bibliotechka 'Razgovory po dusham")

[UKRAINIAN ORTHODOX CALENDAR FOR 1963] Ukrains'kyi Pravoslavnyi Kalendar na 1963 rik. [So. Bound Brook, N. J.] Vyd. Ukrains'koi Pravoslavnoi TSerkvy V SShA. Vol. 13 [n. d.] 159 p.

VELYCHKO, I. L , and F D FEDOROV. [We are marching toward a happy life without God] Bez Boga do shchastia shyroka doroha. L'viv, Knyzhkovo-zhurnal'ne vyd-vo, 1962. 49 p.

4. HISTORY

AGHBALOVA, E. V., and G. M DONSKOI. [History of the Middle Ages. Translated from the Russian] Istoriia evului mediu, manual pentru klassa 8. Khisinau, Editura de stat "Kartia moldoveniaske," 1962. 274 p. [In Moldavian]

[ARCHAEOGRAPHIC YEARBOOK FOR 1961] Arkheograficheskii ezhegodnik za 1961 god. Pod red. M N. Tikhomirova. Moskva, Izd-vo Akad. nauk SSSR, 1962 477 p

AVOTINS, E., J. DZIRKALIS, and V. PETERSONS, [Who are Daugavas Vanagi (Hawks of Daugava)] Kas ir Daugavas vanagi. Riga, Latvijas Valsts Izdevnieciba, 1962 125 p [In Latvian]

BAKU. MUZEI ISTORII AZERBAIDZHANA. [Streets of Baku are named for them] Ikh imenami nazvany ulitsy goroda Baku. Baku, Akad nauk Azerbaidzhanskoi SSR, 1962 378 p. (MH)

BARNAVELI, T. V. [Inscriptions on a temple in Manglisi] Nadpisi khrama v Manglisi. Tbilisi, Akad. nauk Gruzinskoi SSR, 1961. 31 p. [In Georgian] (MH)

BERESTOV, V. D. [There will be no adventures] Prikliuchenii ne budet. [Moskva] Izd-vo "Molodaia gvardiia," 1962. 157 p.

BUDZ'KA, CHASLAW. [Book about Ivashka Hornastai] Knizhka ab Ivashku Harnastaiu. [Chicago] Vol. 1. 1955.

[illegible]s and monuments of
a l pamiatniki Sevasto-
, 1962, 175 p.

[illegible]UCHNO-ISSLEDO-
A, LITERATURY,
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ients] Chuvashiia v
ovanie Chuvashskoi
umentov. Cheboksary,
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[illegible]orkers during the
Trudiashchiesia
tvennoi voiny,
, 1962. 185 p.

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ground against the
i'ba khotyns'kykh
ly nimets'ko-fashysts'-
ltanislavs'ke oblasne
l. 60 p.

DANILOVA, L. V., B. I MARUSHKIN, and M. G. PANKRATOVA. [Bourgeois historians in the service of anti-communism] Burzhuaznye istoriki na sluzhbe antikommunizma. Moskva, Izd-vo "Znanie," 1962. 31 p. (Novoe v zhizni, nauke, tekhnike, I Seriia. Istoriia, no. 24)

DAVIDENKO, A. I. [Sestroretsk; sketches from the history of the city] Sestroretsk; ocherki po istorii goroda. [Leningrad] Lenizdat, 1962. 209 p. (Goroda Leningradskoi oblasti)

DORSHCHAK, IL'KO. [Dragomanov in France; based on unpublished documents] Drahomanov u Frantsii, za nevydanymy dokumentamy. Munich, 1957. 40 p. (NNC)

GERSHOV, Z. M. ["Neutrality" of the U. S. A. during the First World War] "Neitralitet" SShA v gody Pervoi mirovoi voiny. Moskva, Sotsekgiz, 1962. 243 p.

GOLOSOVSKII, I. M. [When the broad Dnieper was ablaze] Kogda pylal shirokii Dnepr. Moskva, [Sopolitizdat], 1962. 286 p (CSt-H)

[GOOD PEOPLE; sketches of people of Voronezh Province] O liudiakh khoroshikh, ocherki o liudiakh zemli Voronezhskoi. [Red. I. E. Tolstoi. Voronezh, Voronezhskoe knizhnoe izd-vo, 1961]. 226 p. (MH)

GRINFEL'D, IU. [Reminiscences of the struggle for freedom and democracy in Odessa during the years 1918-1920] Iz vospominanii o bor'be za svobodu i narodovlastie v Odesse, 1918-1920 gg. New York, 1962. 47 l. (Interuniversity Project on the History of the Menshevik Movement. Paper, no. 9) (CSt-H)

GVINCHIDZE, O. SH. [A. N. TSereteli, Russian Consul-General in Bulgaria] A. N. TSereteli General'nyi konsul Rossii v Bolgarii. Tbilisi, Izd-vo Akad. nauk Gruzinskoi SSR, 1962. 92 p. [In Georgian with his correspondence in Russian and French]

IZBEKOV, D. D. [Yakut heroes of the Great Patriotic War] IAkutiane-geroi Velikoi Otechestvennoi voiny. IAkutsk, IAkutskoe knizhnoe izd-vo, 1961. 137 p. (CSt-H)

KHAKIMOV, M. KH Dust Mukhamedovich Ustabaev. Tashkent, Gosizdat Uzbekskoi SSR, 1960. 64 p. (Zhizn' zamechatel'nykh liudei). (MH)

KHAZANOV, A. S. [It happened in the "city of Alliange"] Eto sluchilos' v Allanzhe. [Moskva] Molodaia gvardiia, 1962. 119 p.

KIRAKOS, GANDZAKETSI, [History. Translated from the Old Armenian] Istoriia. Otv. red. A. G. Ter-Matevosian, Baku, Izd-vo AN Azerbaidzhanskoi SSR, 1946. 302 p. (CU)

KLOKOV, V. I. [The struggle of the Slavic peoples against the fascist enslavers, 1939-1945] Bor'ba slavianskikh narodov protiv fashistskikh porabotitelei, 1939-1945 gg. Kiev, Izd-vo Akad. nauk Ukrainskoi SSR, 1961. 429 p. (RPB)

["KOLOKOL," PUBLISHED BY A. I. HERTZEN AND N. P. OGAREV (THE FREE RUSSIAN PRESS) IN 1857-1867, London-Geneva] Kolokol; gazeta A. I. Gertsena i N. P. Ogareva. Vol'naia Russkaia Tipografiia, 1857-1867 London-Zheneva. Faksimil'noe izdanie. Moskva, Izd-vo Akad. nauk SSSR.
No. II. [Index to vols. I-X] Ukazateli k I-X vypuskam, 1962, 192 p.

KOSTRUBA, THEOPHILUS. [Selected works] Vybrani tvory. Toronto, Ukr. vyd-vo "Dobra knyzhka," (no. 172)
Vol. 2. [Studies on the history of the Ukraine] Narys istorii Ukrainy. 1961. 304 p.

KOZLOV, V. V. [Our Chapai; reminiscences of his personal chauffeur] Nash Chapai; vospominaniia lichnogo shofera. [Cheliabinsk] Cheliabinskoe knizhnoe izd-vo, 1961. 78 p.

KREER, A. M. Iosif Dubrovinskii (Innokentii). Moskva, Gospolitizdat, 1962. 62 p.

KRIKUNOVA, E. O., comp. [Documents on the history of Balkaria; late 19th to early 20th century] Dokumenty po istorii Balkarii, konets XIX-nachalo XX v. Nal'chik, Kabardino-Balkarskoe knizhnoe izd-vo, 1962, 307 p.

KRUSHANOV, A. I. [The struggle for the Soviet regime in the Far East and the Transbaikalia; outline history of the development of party and government from March 1917 to March 1918] Bor'ba za vlast' Sovetov na Dal'nem Vostoke i v Zabaikal'e; ocherki po istorii partiinogo i gosudarstvennogo stroitel'stva, mart 1917 mart 1918 g. Vladivostok, Akad. nauk SSSR, Biblrat i otd-nie, 1961. 145 p. (MH)

KUKUSHKIN, IU. S. [V. I. Lenin as Chairman of the Workers' and Peasants' Defense Council, 1918-1923] V. I Lenin predsedatel' Soveta Rabochei i Krest'ianskoi Oborony, 1918-1920 gg. Moskva, Izd-vo "Znanie," 1962. 31 p. (Novoe v zhizni, nauke, tekhnike. I Seriia: Istoriia, no. 23)

LENIN, V. I. [Complete works] Polnoe sobranie sochinenii Izd. 5. Moskva, Gos. izd-vo polit. lit-ry
Vol. 28. [Notebooks on imperialism] Tetradi po imperializmu. 1962. 638 p.

LVOV, UNIVERSYTET. [Fifty years of Lenin's "Pravda."] 50 rokiv lenins'kii "Pravde." [L'viv] 1962. 136 p.

MAEVSKII, V. A. [Fighter for the good of Russia; on the centenary of his birth] Borets za blago Rossii, k stoletiiu so dnia rozhdeniia Madrid, Izd. pechatia telei gos. deiatel'nosti P. A. Stolypina, 1962. 187 p (CSt-H) (MH)

MALANIUK, IEVHEN, [Illustrissimus Dominus Marcus, his environment and his character] Illustrissimus Dominus Mazepa; tlo i postat'. New York, Vyd-vo "Vienyka" OOChSU, 1960. 32 p. (IU)

MARX, KARL, and FRIEDRICH ENGELS. [Works] Sochineniia. Izd. 2. Moskva, Gospolitizdat
Vol. 22. 1962. 601 p

METREVELI, E. P. [Materials for the history of the Georgian community in Jerusalem Materialy k istorii ierusalimskoi gruzinskoi kolonii, XI - XVII vv Tbilisi, Akad. nauk Gruzinskoi SSR, 1962. 53 p [In Georgian]

MIKANIA, M. KH. [Reminiscences of an old Communist] Iz vospominanii starogo kommunista. Sukhumi, Abgosizdat, 1962. 43 p.

MINSK. INSTYTUT HISTORYI PARTYI. [Glorious daughter of the White Russian people; Vera Khoruzhaia's letters and articles and reminiscences of her friends] Slavnaia doch' belorusskogo naroda; pis'ma, stat'i V. Khoruzhei i vospominaniia o nei. 2., dop. izd. Minsk, Gosizdat BSSR, 1962. 327 p.

MOSCOW. (Province) Gosudarstvennyi istoricheskii arkhiv. [Guide to the State Historical Archives of Moscow Province] Gosudarstvennyi istoricheskii arkhiv Moskovskoi oblasti; putovoditel'. Pod red S. O. Shmidta. Moskva, 1961. 345 p (MH)

MUSHEGIAN, KH. A. [Money circulation in Dvin according to numismatic data] Denezhnoe obrashchenie Dvina po numizmaticheskim dannym. Erevan, Izd-vo AN Armianskoi SSR, 1962. 201 p.

NIIAKH, V. V. Evlampii Dumaev. [Gor'kii] Gor'kovskoe knizhnoe izd-vo, 1962. 80 p. (Nizhegorodtsy-revoliutsionery) (MH)

NOVIKOV-DAURSKII, G. S. [Historical and archaeological sketches. Articles. Reminiscences] Istoriko-arkheologicheskie ocherki. Stat'i. Vospominaniia Blagoveshchensk, Amurskoe knizhnoe izd-vo, 1961 188 p. (NNC)

OHLOBLYN, O. P. [Manuscripts of the "History of the Russ."] Spysky "Istorii Rusiv," Munich, 1956. 13 p.

OKUN', S. B., ed. [Peasant movement in Russia from 1850 to 1860] Krest'ianskoe dvizhenie v Rossii v 1850-1856 gg.; sbornik dokumentov. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1962. 826 p. (Krest'ianskoe dvizhenie v Rossii v XIX - nachale XX veka)

PADOVER, S. K. [Jefferson; the life and ideas of a great American. Translated from the English] Dzhefferson, zhizn' i idei velikogo amerikantsa. New York, Frederik A. Preger, 1962. 309 p. (ViU)

PARSAMIAN, V. A., S. P. POGOSIAN, and SH. R. ARUTIUNIAN. [History of the Armenian people, a textbook for the eighth grade. Translated from the Armenian] Istoriia armianskogo naroda; uchebnik dlia VIII klassa. Pod red. S. T. Eremiana i G. B. Garibdzhanianа. [Erevan] Armuchpedgiz, 1962. 312 p.

POLIAN, V. A., and I. V. POLIAN. [Revolutionary and national liberation movement in western White Russia from 1920 to 1939] Revoliutsionnoe i natsional'no-osvoboditel'noe dvizhenie v Zapadnoi Belorussii v 1920-1939 gg. Minsk, Gos. izd. BSSR, 1963. 220 p.

[REMINISCENCES ABOUT DZERZHINSKII, on the 85th anniversary of his birth] Vospominaniia o Dzerzhinskom, k 85 letiiu so dnia rozhdeniia. Moskva, Izd-vo "Znanie," 1962. 48 p. (Novoe v zhizni, nauke, tekhnike. Ser. 12, Istoriia. Mezhdunarodnaia zhizn', no. 10)

[THE REVOLUTIONARY MOVEMENT IN RUSSIA ON THE EVE OF THE OCTOBER REVOLUTION, October 1-24, 1917] Revoliutsionnoe dvizhenie v Rossii nakanune Oktiabr'skogo vooruzhennogo vosstaniia, 1-24 oktiabria 1917 g. Redkollegiia: chlen-korr. AN A. Chapurov i dr. Moskva, Izd-vo Akad. nauk SSSR, 1962. 577 p. (Velikaia Oktiabr'skaia sotsialisticheskaia revoliutsiia. Dokumenty i materialy)

BIDNAIA, SAMSON. [History of Russian - Georgian relations during the first half of the 17th century, relations of the Don Cossacks with Georgia] Istoriia russko-gruzinskikh vz imootnoshenii v pervoi polovine XVII veka, snoshenii Donskogo kazach'ego voiska s Gruziei. Tbilisi, Tsodna] 1961. 54 p. [In Georgian]
(MH)

BUDNEV, D. M. ["Pravda," Tsentr's newspaper, from 1912 to 1914 and the workers' movement in Estonia] Tsentrskaia gazeta "Pravda," 1912-1914 gg. i rabochee dvizhenie v Estonii. Tallinn, Estonskoe gos. izd-vo, 1962. 151 p.
(MH)

BUDNYI, I. P., and I. D. Z pobednoi Marsa, 1962 g., from my Mars victory, 1962. Munich [etc.] Nakl. Ost. i v z Zhurdanovykh mashin [n. d.] 14 p.

BARKHASOV, V. I. [In the torture chambers of Munich and] V zastenkakh Mintkhauzena. Izd. 2., dop. Moskva, Voenizdat, 1963. 214 p.

BEMIN, G. I. [Tradesmen of Novgorod, 1851-1915] Novgorodskie kupechestvo, 1851-1915 gg. Moskva, Vneshtorgizdat, 1963. 105 p. (Istoricheskoe prosloe sovetskoi torgovli)

BEVAN-JOSEPH, KIRIKOMI SAKI GORODAREVENNYI PUTOVODITEL' AKIRIDOLOGICHESKII MUZEI. [Tauch Cherkezovne, a guide to the museum and excavations] Kharakteristika [arkheologicheskikh] pamiatnikov i raskopkam "Gosizdat", Krymizdat, 1963. 143 p.

BOLSHAKOV, I. P. [Brotherhood in deed with blood, the great feat of international solidarity in the struggle for the Soviet system in the Central Volga Valley during 1918-1919] Bratstvo, skreplennoe krov'iu, o podvige internatsionalistov v bor'be za sovetskuiu vlast' v Srednem Povolzh'e v 1918-1919 gg. [Kuibyshev] Kuibyshevskoe knizhnoe izd-vo, 1961. 73 p.
(MH)

BREZHNEV, L. I. [Man of a peasant deputy] Put'ia khleba. 2d. Moskva, Sovpadeltizdat, 1963. 61 p. (Serial publ.)

BULATKIN, V. A. [Czechoslovak-Soviet relations during the years 1918-1938] Chekhoslovatsko-sovetskie otnosheniia v 1918-1938 godakh. Moskva, IMO, 1963. 344 p.

BULTAN, L. L. [The struggle of the workers of the Lithuanian White Russian S.S.R. with the forces of foreign intervention and internal counterrevolution, 1919-1920] Bor'ba trudiashchikhsia Litvy i Belorussii protiv interventsii i vnutrennei kontrrevoliutsii, 1919-1920 gg. Minsk, Gos. izd-vo lit-ry, 1963. 176 p.
(CSA-H)

BUROBIANOV, I. N. [Glorious pages of history, the press of the underground and of the partisans during the years of the Great Patriotic War, 1941-1945] Slavnye stranitsy istorii, pechat' podpol'ia i partizan v gody Velikoi Otechestvennoi voiny, 1941-1945 gg. Moskva, Izd-vo "Znanie," 1962. 37 p. (Novoe v zhizni, nauke, tekhnike. Literatura, istorii, no. 22)

BUKHAR', M. D. [Perekop, study of its history and local lore] Perekop, istoriko-kraevedcheskii ocherk. Simferopol', Krymizdat, 1962. 92 p.

[THE STRUGGLE FOR THE VICTORY OF THE OCTOBER SOCIALIST REVOLUTION IN THE URAL MOUNTAIN REGION] Bor'ba za pobedu Oktiabr'skoi sotsialisticheskoi revoliutsii na Urale. [Obshchaia red. prisoedinenie F. P. Ryatrykh. Sverdlovsk] Sverdlovskoe knizhnoe izd-vo, 1961. 426 p.
CSA-H [DIA; MICROFILM]

TOLCHENOV, M. P. [Armed struggle of the Korean people for their freedom and independence, review of military action from June 1950 through June 1953] Vooruzhennaia bor'ba koreiskogo naroda za svoiu svobodu i nezavisimost', obzor voennykh deistvii, iiun' 1950 g. - iiun' 1953 g. Moskva, Voen. izd-vo voen. M-va SSSR, 1953. 111 p.
[PHOTOCOPY]

TROFIMOV, V. A. [Policy of Great Britain and Italy in northeastern Africa in the second half of the 19th century, Ethiopia and Somalia] Politika Anglii i Italii v severo-Vostochnoi Afrike vo vtoroi polovine XIX v. (Efiopiia i Somali). Moskva, Izd-vo Vostochnoi lit-ry, 1963. 204 p.

VARELA, ALFREDO. [Revolutionary Cuba. Translated from the Spanish] Kuba revoliutsionnaia. Moskva, Inostr. lit., 1963. 430 p.
(PO)

VOLIN, B. [Work of Menshevik among trade unions under the Soviet regime] Deiatel'nost' men'shevikov v profsoiuzakh pri sovetskoi vlasti. New York, 1963. 134 p. (Inter-University Project on the History of the Menshevik Movement. Paper no. 17)
(MH)

VOSKERICHIAN, A. K. [S. Shaumian and B. Spandarian, founders of Armenian Marxist criticism. Chronicle of their activities] S. Shaumian i B. Spandarian, osnovopolozhniki armianskoi kritiki. Khronika ikh deiatel'nosti. Erevan, Armianskoe gos. izd-vo, 1962. 531 p. [In Armenian]

ZATEEV, V. I. [Formation and development of the Buryat socialist nation] Formirovanie i razvitie buriatskoi natsional'noi natsii. Ulan-Ude, Buriatskoe knizhnoe izd-vo, 1961. 181 p.

ZHELIAZKOV, V. A. [Bulgaria during the Balkan Wars, 1912-1913] Bolgariia vo vremia Balkanskikh voin 1912-1913 gg. [Kiev] Kievskii gos. univ., 1961. 498 p.
(CSA-H) (DIA)

ZHIGANOV, M. I. [M. I. Kalinin in Mordovia, on the history of the appearance of the members of the October Revolution propaganda team in Mordovia during 1919] M. I. Kalinin v Mordovii, k istorii poiavleniia v Mordovii kollektiva propagandistov Oktiabria v 1919 g. Saransk, Mordovskoe knizhnoe izd-vo, 1961. 47 p.
(MH)

ZUBKOV, V. I. [The battle on the Vyaz'] Bitva na Viazme [Har'ov] Biblioteka knizhnoe izd-vo, 1961. 39 p.
(MH)

6. SOCIAL SCIENCES

ABDUGANIEV, A. A., U. N. MIRZAKHODZHAEV, and V. A. OSMININ. [Gross national product and national income of the Uzbek S.S.R.] Obshchestvennyi produkt i natsional'nyi dokhod Uzbekskoi SSR. Tashkent, Izd-vo Akad. nauk UzSSR, 1960. 128 p.
[MICROFILM]

ABULADZE, V. I. [Domestic trade of the Georgian S.S.R., 1921-1932] Vnutrennaia torgovlia Gruzinskoi SSR, 1921-1932 gg. Tbilisi, Izd-vo M-va torg. Gruzinskoi SSR.
Pt. 1. 1963. 312 p.

[ACCOUNTING IN COMMUNICATIONS ENTERPRISES] Bukhgalterskii uchet v predpriiatiiakh sviazi. [By] M. P. Alekseev i dr. Moskva, Sviaz'izdat, 1962. 423 p.

AKADEMIIA NAUK SSSR. Obshchie ekonomicheskie, filosofskie i gumanitarnye nauki. [Problems of the national economy of the U.S.S.R.; on the 85th birthday of Academician Stanislav Gustavovich Strumilin] Voprosy narodnogo khoziaistva SSSR; k 85-letiiu akademika Stanislava Gustavovicha Strumilina. Moskva, Izd-vo Akad. nauk SSSR, 1962. 417 p.

AKADEMIIA NAUK URSR, Kiev. Institut ekonomiky. [Socialist reproduction of the means of production] Sotsialistychne vidtvorennia. Kyiv, Vyd-vo Akad. nauk URSR, 1962. 298 p.

AKADEMIIA NAUK BSSR, Minsk. Institut istorii. [For the victory of communist labor] Za pobedu kommunisticheskogo truda; dokumenty i materialy. Minsk, Izd-vo Akad. nauk BSSR, 1962. 375 p.

ANAN'EV, A. A. [The people of Zhemovka] Zhemovtsy. Alma-Ata, Kazakhskoe gos. izd-vo, 1962. 133 p.

ANDRIIEV, M. G., and others. [Planning, business accounting and analysis of the administrative apparatus of a railroad car depot] Planirovanie, khozraschet i analiz khoziaistvennoi deiatel'nosti vagonnogo depo. Moskva, Transzheldorizdat, 1962. 160 p.

ANDRIMOV, G. D. [Scientific and technological progress during the building of communism] Nauchno-tekhnicheskii progress v period stroitel'stva kommunizma. Moskva, Izd-vo "Znanie," 1963. 48 p. (Novoe v zhizni, nauke, tekhnike. III Seriia, Ekonomika, no. 24)

ANTROPOV, B. I., and N. P. TRUBEKIN. [Improve planning in an enterprise] Sovershenstvovat' planirovanie na predpriiatii. Moskva, Ekonomizdat, 1962. 77 p. (Ekonomicheskoe znanie - proizvodstvu)

BABAEVA, S. S., and A. D. LARYMOV. [Ways for strengthening the economics of collective farm units] Meropriiatiia po ukrepleniiu ekonomiki kolkhozov - iacheek sel'skokhoziaistvennogo proizvodstva. Baku, Azerneshr, 1962. 44 p. [In Azerbaijani]

BAKUROV, M. SH. [American functional theory of society, historical materialism and the bourgeois ideology of the theory of structural functionalism] Amerikanskaia funktsional'naia teoriia obshchestva, istoricheskii materializm i burzhuaznaia ideologiia teorii strukturnogo funktsionalizma. Moskva, Izd-vo "Znanie," 1962. 44 p. (Novoe v zhizni, nauke, tekhnike. II Seriia, Filosofiia, no. 24)

BULKINA, R. K. [Working capital of contracting construction organizations] Oborotnye sredstva podriadnykh stroitel'nykh organizatsii. Moskva, Gosfinizdat, 1963. 186 p.

BELIAVIN, I. K. [Party guidance of socialist competition in rural areas, 1953-1960] Partiinoe rukovodstvo sotsialisticheskim sorevnovaniem na sele, 1953-1960 gg. Kyiv, Gospolitizdat URSR, 1961. 60 p.

BROVCHENKOV, A. K. [The West, China and reality] Zapad, reklama i deistvitel'nost', Moskva, Gospolitizdat, 1963. 341 p.

BUDKIN, V. S. [International division of labor in the world socialist economic system] Mirovaia sotsialisticheskaia sistema i razvitie sotsialisticheskoi sistemy khoziaistvennykh svoistv. Kyiv, 1961. 44 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan'. Ukrains'kyi filial. Ser. 3, no. 5)

BULGAKOV, A. A. [Improve the style of trade-union work] Sovershenstvovat' stil' profsoiuznoi raboty. [Moskva] Profizdat, 1962. 69 p. (Biblioteka profsoiuznogo aktivista, no. 32(46))

BURG, DAVID. [Attitudes of opposition among young people during the years after "The Thaw"] Oppozitsionnye nastroeniia molodezhi v gody posle "ottepeli." Munich, Inst. po izu. sovetskogo Soiuza, 1960. 64 p.
(DA)

[CHELYABINSK PROVINCE IN THE PERIOD FROM THE 21st TO THE 22d CONGRESS OF THE CPSU; facts and figures] Cheliabinskaia oblast' ot XXI k XXII s"ezdu KPSS; fakty i tsifry. [Chelyabinsk] Cheliabinskoe knizhnoe izd-vo, 1961. 152 p.

CHUGAIOV, V. P., and B. I. KARPUTKIN. [An example which inspires all nations; international significance of the building of communism in the U.S.S.R.] Zapalliuchyi prykład dlia usikh narodiv, mizhnarodne znachennia budivnytstva komunizmu v SRSR. Kyiv, 1962. 45 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR, Seriia 4, no. 3)

[CLUB FOR CHILDREN] Klub - detiam. Moskva, Izd-vo "Sovetskaia Rossiia," 1963. 170 p. (Biblioteka "Khudozhestvennaia samodeiatel'nost'," no. 22)

[COMMITTEES OF PIONEER ORGANIZATIONS] Sovet pionerskoi organizatsii; iz opyta raboty. [Moskva] Molodaia gvardiia, 1961. 63 p.

DENISOV, N. S. [Lights of Transbaikal industry; industry of Chita Province from the 20th to the 22d Congress of the CPSU] Ogni zabaikal'skoi industrii; promyshlennost' Chitinskoi oblasti ot XX do XXII s"ezda KPSS. Chita, Chitinskoe knizhnoe izd-vo, 1961. 94 p. (Navstrechu XXII s"ezdu KPSS)
[MICROFILM]

[DOCUMENTS OF PROLETARIAN SOLIDARITY, collected documents on the cooperation of Soviet Union workers with the workers of Asia, Africa and Latin America in 1918-1961] Dokumenty proletarskoi solidarnosti; sbornik dokumentov o sodruzhestve trudiashchikhsia Sovetskogo Soiuza s trudiashchimisia stran Azii, Afriki i Latinskoi Ameriki v 1918-1961 godakh. [Moskva] Profizdat, 1962. 207 p.

DZHALALIAN, E. S [Booklet for a volunteer inspector of safety measures at enterprises of the building materials industry] Pamiatka dlia obshchestvennogo inspektora po okhrane truda na predpriiatiiakh promyshlennosti stroitel'nykh materialov. Moskva, Gosstroiizdat, 1962. 52 p. (Tekhnika bezopasnosti v promyshlennosti stroitel'nykh materialov)

EFREMOV, P. V. [Business accounting in the industrial enterprises of Kazakhstan] Khoziaistvennyi raschet na promyshlennykh predpriiatiiakh Kazakhstana, uchebnoe posobie dlia studentov-zaochnikov. Alma-Ata, Kazakhskii gos. univ. im. S. M. Kirova, 1960. 45 p. [MICROFILM]

ETINGER, V. M. [The workday and communism] Rabochii den' i kommunizm. Moskva, Izd-vo "Znanie," 1962. 37 p. (Novoe v zhizni, nauke, tekhnike. III Seriia Ekonomika, no. 23)

FILIMONAU, M. IA. [Reportage from a foreign land] Repartazh z chuzhoi ziamli. Minsk, Dziarzhvyd BSSR, 1962. 225 p.

[FINANCES OF THE U. S. S. R.] Finansy SSSR. Avtorskii kollektiv pod rukovodstvom D. A. Allakhverdiana. Moskva, Gosfinizdat, 1962. 412 p.

[FOR COMMUNIST LABOR] Kommunist emeli ugrunda; megalaler mechmuesi. [By] Guseinov, D. F. [et al.] Baky, Azerbaichan dovlet neshriiiaty, 1962. 119 p. [In Azerbaijani]

FRIDMAN, S. L. [Cost problems in power engineering] Voprosy sebestoimosti v energeticheskom stroitel'stve. Moskva, Gosenergoizdat, 1962. 271 p.

FROLOV, A. A. [Planning the production and economic operations of industrial enterprises] Planirovanie proizvodstvenno-khoziaistvennoi deiatel'nosti promyshlennykh predpriiatii. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1962. 78 p.

GABUCH'IAN, V. M. [The economy of Great Britain in the world capitalist economic system after the Second World War] Ekonomika Anglii vo vsemirnoi kapitalisticheskoi sisteme khoziaistva, posle Vtoroi Mirovoi voiny. Erevan, Izd-vo Erevanskogo gos. univ., 1962. 269 p. [In Armenian with summaries in Russian and English]

GAMAIUNOV, M. V. [Development of agriculture and social relations in a village] Razvitie sel'skogo khoziaistva i obshchestvennykh otnoshenii v derevne. Moskva, Ekonomizdat, 1962. 161 p.

[GENERAL LAWS AND SPECIAL FEATURES OF THE TRANSITION OF DIFFERENT COUNTRIES TO SOCIALISM] Obshchie zakonomernosti i osobennosti perekhoda k sotsializmu v razlichnykh stranakh. Moskva, Sotsekgiz, 1962. 373 p.

GHANA. Ministry of Information and Broadcasting. [Soviet-Ghana cooperation] Sovetsko-ganskoe sotrudnichestvo. [Moskva, Izd-vo inostr. lit-ry, 1961.] 16 p.

GLAGOLEVA, L. A., and others [Problems for the course in the organization and planning of machinery plants] Sbornik zadach po kursu organizatsii i planirovaniia mashinostroitel'nykh predpriiatii. Pod red. I. M. Razumova, L. A. Glagolevoi. Moskva, Mashgiz, 1962. 261 p.

GLUKHOV, A. S. [Mechanization of accounting in motor-bus transportation units] Mekhanizatsiia uchota [illegible]

GRUSHIN, B. A., and CHIKIN, V. V. [Confession of a generation] Ispoved' pokoleniia. [Moskva] Izd-vo "Molodaia gvardiia," 1962. 247 p.

HLOTOV, V. I. [Secretary of a district party committee, sketches] Sekretar raikomu, narysy. L'viv, Knyzhkovo-zhurnal'ne vyd-vo, 1961. 56 p.

HLYBINNY, UL. [Fate of White Russian culture under the Soviets] Dolia Berlaruskae kul'tury pad Savetami. Munich, In-t dlia Vyvuchen'nia SSSR, 1958. 162 p. (InU)

HOLUBUSHIN, IU. S., and Z. Z. DANYLIUK [Socialist countries on the path toward communism] Sotsialistychni krainy na shliakhu do kommunizmu. Kyiv, Vyd-vo Akad. nauk URSR, 1962. 51 p. (Problemy komunistychnoho budivnytstva v svitli rishen' XXII z'izdu KPRS)

[HOW TO OBTAIN A DISABILITY PENSION] Kak poluchit' pensiiu po invalidnosti. 2. izd., ispr. i dop. [Moskva] Mosk. rabochii, 1961. 127 p.

IAFREMAVA, O. I. [Struggle for the triumph of Marxist ideas in the labor movement in White Russia, 1907-1914] Barats'ba za peramohu marksistskikh idei u rabochym rukhu Belarusi, 1907-1914 hh. Minsk, Dziarzhvyd BSSR, 1962. 118 p.

IANIN, L. V., ed. [The most important official documents on industrial hygiene and sanitation] Sbornik vazhneishikh ofitsial'nykh materialov po voprosam gigieny truda i proizvodstvennoi sanitarii. Moskva, Medgiz, 1962.
No. 2. 219 p.

IAREMCHUK, M. P., and IA. I. BILICHENKO. Sokal'. L'viv, Knyzhkovo-zhurnal'ne vyd-vo, 1961. 81 p. (Vyvchai ridnyi krai)

IHNAT'IEV, H. P. [We are improving the management of our collective farm] Vdoskonaliuiemo kerivnytstvo kolhospom [Kharkiv] Kharkivs'ke knyzhkove vyd-vo, 1962. 38 p. (Na dopomohu vyvchaiuchym konkretnu ekonomiku)

INTERNATIONAL TRADE UNION CONGRESS, Moscow, 1961. [Modern problems of the international labor and trade-union movements] Sovremennye problemy mezhdunarodnogo rabochego i profsoiuznogo dvizheniia, materialy. [Moskva] Profizdat, 1962. 253 p.

IREMADZE, V. A. [Problems in the development and the economics of lithopone production] Voprosy razvitiia i ekonomiki litoponogo proizvodstva. Tbilisi, Gos. izd-vo "Sabchota Sakartvelo" 1961. 142 p. [In Georgian]

IUDAEV, L. N. [When twilight has fallen] Kogda opuskaiutsia sumerki. [Riazan'] Riazanskoe knizhnoe izd-vo, 1961. 76 p.

KABKOV, IA. I. [Further efforts of the party organizations to improve the standard of living of Soviet workers] Rabota partiinykh organizatsii po dal'neishemu povysheniiu blagosostoianiia trudiashchikhsia, lektsiia, prochitannaia v Vysshei partiinoi shkole pri TsK KPSS. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1962. 29 p. (Partiinoe stroitel'stvo; kurs lektsii)

KACHALIN, V. M. [Theory and practice of West-German colonialists] Teoriia i praktika zapadnogermanskikh kolonialistov. Moskva, Izd-vo IMO, 1962.

ZE, M. K. [Problems in the economics of ive raising of livestock on the collective e Georgian S. S. R. Voprosy ekonomiki produktivnogo zhivotnovodstva Gruzinskoi , Izd-vo AN Gruzinskoi SSR] 1962. 237 p. a]

ILI, L. A. [South Ossetia; survey of its ography and a bibliography] IUgo-Osetiia, geograficheskii obzor i bibliografiia. -vo Akad. nauk Gruzinskoi SSR, 1962. Georgian and Russian]

S. F. [Practical exercises for the lessons mic geography of the U. S. S. R.] Prakticheskie zaniatiia na urokakh ekonomicheskoi geografii va, Uchpedgiz, 1962. 110 p.

ondition of the U. S. proletariat under] Polozhenie proletariata SShA pri e. Moskva, Izd-vo Akad. nauk SSSR,

KHANCHIN, V. S., comp. [Directives and documents on problems of the Pioneer movement] Direktivy i dokumenty po voprosam pionerskogo dvizheniia. Izd. 2., dop. Moskva, Akad. pedagog. nauk RSFSR, 1962. 350 p. (Uchiteliu o pionerskoi rabote)
(MH)

KHRUSHCHEV, N. S. [The building of communism in the U. S. S. R. and the development of agriculture, 5 [illegible] volumes] Stroitel'stvo kommunizma v SSSR i razvitie sel'skogo khoziaistva; v piati tomakh. Moskva, Izd-vo politizdat.
Vol. 3. [January 1958-May 1959] [Annual] Izbrannye rechi i stat'i. Dopolnitel'nyi tom. Mai 1959 goda. 1962. 513 p.

KISLIAKOV, K. S. [Achieved through the work of [illegible] one of us] Trudom kazhdogo iz nas. [Khar'kov] Khar'kovskoe knizhnoe izd-vo, 1962. 95 p. (Biblioteka kommunisticheskogo truda)

KLYMENKO, H. A. [Electrification in the development and improvement in building the economy of communism] [illegible] fikatsiia - stryzhen' budivnytstva ekonomiky [illegible] mu. Kyiv, Derzhpolitvydav URSR, 1962. 64 p.

KOMMUNISTICHESKAIA PARTIIA SOVETSKOGO SOIUZA. Vysshaia partiinaia shkola. Kafedra politicheskoi ekonomii. [Socialist means of production] Sotsialisticheskii sposob proizvodstva. Moskva, Izd-vo VPSh i AON pri TsK KPSS.
No. 2. [Socialist production and distribution] Sotsialisticheskoe proizvodstvo i raspredelenie. 1962. 431 p.

KOMMUNISTICHESKAIA PARTIIA SOVETSKOGO SOIUZA. Vysshaia partiinaia shkola. Kafedra politicheskoi ekonomii. [Program on the economics of industrial enterprises for economics study groups and seminars on the political education system] Programma po ekonomike promyshlennykh predpriiatii dlia ekonomicheskikh kruzhkov i seminarov sistemy politicheskogo prosveshcheniia. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1962. 31 p.

KONDRAT'ENKO, G., and IA. TIKHOMIROV. [Honor to labor, articles and sketches] [illegible] stat'i i ocherki. [Kiev, Gospolitizdat USSR, 1962.] 297 p.
(MH)

KOPNIAEV, V. P., and others. [Analysis of the [illegible] and economic operations of enterprises] Analiz [illegible] khoziaistvennoi deiatel'nosti pre[illegible] [Pod obshchei red.] V. P. Kopniaeva. Moskva, Gosfinizdat, 1962. 357 p.

KOSOLAPOV, V. V. [The beacon lights of [illegible] shine for us] Nam svitiat' komunizmu [illegible] Molod', 1962. 72 p.

KOVALEV, S. A. [Geography of the rural [illegible] rural settlements in Samarkand and Bukhara provinces] Geografiia sel'skogo naseleniia [illegible] naselennykh punktov Samarkandskoi i Bukharskoi oblastei. Tashkent, Izd-vo Akad. nauk [illegible] 182 p.
(DBC)

KUBLANOV, A. V. [Business accounting of [illegible] tion crew] Khozraschet v stroitel'noi brigade [illegible] raboty kompleksnoi brigady I. IA. Tumanova. [illegible] No. 44, SU-84 LSNKh. Leningrad, 1962. 39 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia Stroitel'stvo promyshlennost', no. 15)

KUZ'MIN, B. A. ["Rossiia" Collective Farm] Kolkhoz "Rossiia". [Riazan'] Riazanskoe knizhnoe izd-vo, 1959. 99 p. (Istoriia kolkhozov Riazanskoi oblasti)
(NNC)

LAPONOGOV, I. S. [In socialist Czechoslovakia] [illegible] khoslovakii sotsialisticheskoi. Moskva, Gos[illegible] 1962. 94 p.

LAVRUSHIN, O. I., and M. A. PESSEL'. [Bank [illegible] to the light and food industries] Kreditovanie legkoi i pishchevoi promyshlennosti. Moskva, Gosfinizdat, 1962. 86 p. (V pomoshch' bankovskomu [illegible]

LEBEDEV, N. I. [Ideological work of the Communist Party of White Russia in the country and its role in creating the collective-farm system] Ideologicheskaia rabota KPB v derevne i ee rol' v sozdanii kolkhoznogo stroia. Minsk, Izd-vo M-va vysshego, srednego spetsial'nogo i professional'nogo obrazovaniia [illegible] 1962. 93 p. (Iz istorii KPB)

LENIN, V. I. [On trade-unions, 1905-1923] O profsoiuzakh, 1905-1923. [Moskva] Izd-vo V[illegible] dat, 1957. 848 p.
(NIC)

LENINGRAD. FINANSOVO-EKONOMICHESKII INSTITUT [Money circulation and credit in the U S S R ; a textbook] Denezhnoe obrashchenie i kredit SSSR, uchebnoe posobie. [Leningrad] Izd-vo Leningradskogo univ , 1962. 234 p
(MH)

LEVADA, IU A [Present-day Christianity and social progress] Sovremennoe khristianstvo i sotsial'nyi progress Moskva, Sotsekgiz, 1962. 206 p

LEVIN, B.M. [Working capital and its utilization in U.S.S.R. industries] Oborotnye fondy i ikh ispol'zovanie v promyshlennosti SSSR, uchebnoe posobie po kursu "Ekonomika promyshlennosti i ekonomika, organizatsiia i planirovanie promyshlennogo proizvodstva. Moskva, Vses. zaochnyi finansovo-ekon. in-t, 1960. 60 p.

LIEPINA, DZIDRA. [Agrarian relations in the rural region around Riga in the period of late feudalism, the 17th and 18th centuries] Agrarais attiecibas Rigas lauku novada vela feodalisma posma, 17-18 gs Riga, Latvijas PSR Zinatnu akademijas izdevnieciba, 1962. 173 p. [In Latvian]

LINETSKII, E.IA., A.F LELEKOV, and F.M SOKOLOV. [The economics and planning of Soviet commerce] Ekonomika i planirovanie sovetskoi torgovli. Rekomendovano v kachestve uchebnika dlia tekhnikumov sovetskoi torgovli. Moskva, Gostorgizdat, 1962. 424 p
(MH)

LOVKIN, V.G. [Those who create the new, notes of the manager of a "communist labor workshop "] O liudiakh, tvoriashchikh novoe; zapiski nachal'nika tsekha kommunisticheskogo truda [Moskva] Profizdat, 1962. 169 p. (Bibliotechka profsoiuznogo aktivista, nos. 23/24(47/48))

MAGYAR TUDOMÁNYOS AKADEMIA, Budapest. Közgazdaságtudományi Intézet. [The 22d Congress of the Communist Party of the Soviet Union and Hungarian economics] XXII s"ezd Kommunisticheskoi partii Sovetskogo Soiuza i Vengerskaia ekonomicheskaia nauka Budapest, 1962. 136 p.

MAISURADZE, D.G. [The camp of socialism Lager' sotsializma Tbilisi, Izd-vo TsK KP Gruzii, 1961] 519 p. [In Georgian]

MAKURIN, N.D. [Wages in the repair shops of state agricultural enterprises] Oplata truda v remontnykh masterskikh gosudarstvennykh predpriiatii sel'skogo khoziaistva, spravochnik dlia rabochikh i inzhenerno-tekhnicheskikh rabotnikov remontnykh masterskikh gosudarstvennykh sel'skokhoziaistvennykh predpriiatii. Moskva, Izd-vo M-va sel'. khoz. RSFSR, 1962. 134 p.

MALININ, S.N. [Role of industry in creating the material and technical foundation of communism] Rolia promyslovastsi u stvarenni materyial'na-tekhnichnai bazy kamunizma. Minsk, Dziarzh. vyd-va BSSR. Red. satsial'na-ekanamichnai lit-ry, 1962. 55 p. (Hutarki ab novai pragrame KPSS)

MAMEDOV, N.D. [Correct work organization is a guarantee of success] Ishin duzkun teshkili muvoffegiiletin rehnidir. Baky Azerbaichan dovlet noshriiaty, 1961. 35 p. [In Azerbaijani]

MARCHENKO, I.E. [White Russian workers in the postwar period, 1945-1950] Rabochii klass BSSR v poslevoennye gody, 1945-1950. Minsk, Izd-vo Akad. nauk BSSR, 1962. 257 p.

MARKON, I. [Outline history of Latvian industry] Ocherki po istorii promyshlennosti Latvii. Riga, Latgosizdat, 1961. 126 p.
(MH)

MARKOV, N.V. [Physical and intellectual work under communism] Fizicheskii i umstvennyi trud pri kommunizme. Moskva, Izd-vo "Sovetskaia Rossiia," 1962. 187 p.

MAROZAU, V.D. [Communism is the great goal of the party and the Soviet people] Kamunizm - vialikaia meta partyi i naroda. Minsk, Dziarzh. vyd-va BSSR. Red. satsyial'na-ekanamichnai lit-ry, 1962. 77 p. (Hutarki ab noval pragrame KPSS)

MERVART, JOSEF. [Price determination in international commerce. Translated from the Czech] TSenoobrazovanie v mezhdunarodnoi torgovle. Pod red. i so vstup. stat'ei G.S. Roginskogo. Moskva, Izd-vo inostr. lit-ry, 1962. 350 p.

MEZHVUZOVSKAIA NAUCHNAIA KONFERENTSIIA, Kuibyshev, 1960. [Problems in the new system of agricultural planning] Voprosy novogo poriadka planirovaniia sel'skogo khoziaistva, trudy. Kuibyshev, Kuibyshovskii planovoi in-t, 1961. 419 p.

MIADZVEDZEU, V.F [Intensification as a way of developing agriculture] Intensifikatsyia - shliakh razvitstsia sel'skai haspadarki Minsk, Dziarzh. vyd-va sel'skahaspadarchai lit-ry BSSR, 1962 43 p. (Rashenii XXII z'ezda KPSS u dzeianni)

MIKHAILOV, S.V. [Economics of the fishing industry of the U S S R] Ekonomika rybnoi promyshlennosti SSSR. Moskva, Pishchepromizdat, 1962 288 p.

MIKHEEV, G.F., and N.G. FEITEL'MAN. [The economics of radiometric methods in the extractive branches of industry] Ekonomika radiometricheskikh metodov v dobyvaiushchikh otraslakh promyshlennosti. Moskva, Gosatomizdat, 1962. 166 p.

MILLIONSHCHIKOV, A.D., comp [Album of charts and tables for the course on "State income"] Al'bom naglliadnykh posobii po kursu "Gosudarstvennye dokhody." Moskva, Gosfinizdat, 1962 53 p.

[MORE EXPENSIVE THAN GOLD, nature is our wealth] Dorozhe zolota, priroda nashe bogatstvo Moskva, Geografgiz, 1962. 237 p.

MOSCOW. AKADEMIIA OBSHCHESTVENNYKH NAUK. [Curricula and programs for the system of political education; for the students of political schools, groups, seminars, elementary economic schools, primary technical schools, agrotechnical schools and for individual students] Uchebnye plany i programmy dlia sistemy politicheskogo prosveshchenila, dlia slushatelei politshkol, kruzhkov, seminarov, nachal'nykh ekonomicheskikh shkol, shkol tekhminimuma, agrotekhnicheskikh shkol i izuchaiushchikh po individual'nym planam. Moskva, Sotsekgiz, 1962. 446 p.

MOSCOW. GOSUDARSTVENNAIA BIBLIOTEKA PO NARODNOMU OBRAZOVANIIU. [All-Union Pioneer Organization, on the occasion of the 40th anniversary of the organization. Recommended bibliography] Vsesoiuznaia pionerskaia organizatsiia imeni V.I. Lenina, k 40-letiiu organizatsii. Rekomendatel'nyi ukazatel' literatury. Moskva, Izd-vo Akad. pedagog. nauk RSFSR, 1962. 200 p.

MOSCOW. VSESOIUZNYI ZAOCHNYI INSTITUT INZHENEROV ZHELEZNODOROZHNOGO TRANSPORTA. [Statistics of passenger transportation] Statistika perevozok passazhirov, uchebnoe posobie po distsiplinam "Zheleznodorozhnaia statistika" i "Osnovy statisticheskogo i bukhgalterskogo ucheta na zheleznodorozhnom transporte" dlia studentov IV kursa spetsial'nosti "Ekonomika i organizatsiia zheleznodorozhnogo transporta" i V kursa spetsial'nosti "Eksploatatsiia zheleznykh dorog." Moskva, 1962. 21 p.

MUMINOV, N.M. [Struggle of the Soviets for the industrialization of Uzbekistan. Bor'ba Sovetov za industrializatsiiu Uzbekistana. Tashkent] 1959. 100 p. [In Uzbek]
(MH)

MUSLIUMOV, I.S., and N.L. AKHMEDOV. [The Baku party organization at the forefront of the movement for communist labor] Bakinskaia partiinaia organizatsiia vo glave dvizhenila za kommunisticheskii trud Baku, Azerbaidzhanskoe gos izd-vo, 1962 160 p.

MUTSINOV, G.V. [The seven-hour workday and new wage conditions in the U.S.S.R. industry] Semichasovoi rabochii den' i novye usloviia oplaty truda v promyshlennosti SSSR. Moskva, Gosiurizdat, 1962. 92 p. (Iuridicheskie konsul'tatsii dlia naselenila v voprosakh i otvetakh)

NAGAVITSYN, M.T. [The accumulation of capital and the worsening of the working class' condition] Nakoplenie kapitala i ukhudshenie polozhenila rabochego klassa. Moskva, Vysshaia shkola, 1962. 101 p.

NAUMOV, G.K., N.I. SILAEV, and N.T. CHERNUKHA [Business accounting in a railroad section] Khozialstvennyi raschet na otdelenii zheleznoi dorogi Moskva, Transzheldorizdat, 1962. 158 p.

NEPOMNIASHCHII, A.S. [Friendship that lives forever] Druzhba, kotoroi vechno zhit'. [Leningrad] Lenizdat. Vol. I, 1960. 118 p.
(NNC)

[NEW LOOK OF WESTERN UKRAINIAN VILLAGES] Selo miniate svoie oblichchia. L'viv, Knyzhkovo-zhurnal'ne vyd-vo, 1960. 68 p.

[NEW METHODS IN THE WORK OF COMMUNITY CENTERS] Novoe v rabote klubov, Moskva, Izd-vo "Sovetskaia Rossiia," 1962. 159 p.

NIADBAL'SKI, IA.A. [Motors are humming] Rakochats' matory. Minsk, Dziarzh. sel'skahaspadarchae vyd-va BSSR, 1962. 27 p. (Bibliiatechka peradavoha vopytu)

[OUR GENERATION; pages from the history of the Moscow Pioneer organization] Nasha smena, stranitsy iz istorii Moskovskoi pionerskoi organizatsii imeni V.I. Lenina. [By] V.G IAkovlev i dr [Izd. 2., ispr. i dop. Moskva] Mosk. rabochii, 1962. 263 p.
(CSt-H)

PANKRATOV, I.F. [On further improvement in the management of agriculture. Based on the materials of the January (1961) Plenum of the Central Committee of the CPSU] O dal'neishem sovershenstvovanii rukovodstva sel'skim khoziaistvom. Po materialam ianvarskogo (1961 g.) Plenuma TsK KPSS. Moskva, Ges. izd-vo lurid. lit-ry, 1961 51 p.
(CU)

PASHKEVICH, B.V. [Material stimulation of labor] O material'nom stimulirovanii truda. Minsk, Izd-vo Akad. nauk BSSR, 1962. 105 p.

[THE PEOPLE OF MASALLY DISTRICT KEEP THEIR WORD, work practices of the workers of collective farms in Masally District in the fulfillment of socialist obligations assumed in honor of the 22d Congress of the CPSU] Masallintsy derzhat slovo; ob opyte raboty truzhenikov kolkhozov Masallinskogo raiona po vypolneniiu sotsialisticheskikh obiazatel'stv, prinialykh v chest XXII s"ezda KPSS. Baku, Azerbaidzhanskoe gos. izd-vo, 1961. 44 p.

PETROV, S.M. [Beginning of the workers' movement and the spread of Marxism in Russia, 1883-1894] Nachalo rabochego dvizhenila i rasprostranenie marksizma v Rossii, 1883-1894 gg. Izd. 2. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1960. 78 p. (Istoriia KPSS, kurs lekisii Tema 1)
(RPB)

PIMENOV, B.K., ed. [National economic development of the Korean People's Democratic Republic after the liberation. Abridged translation from the Korean] Razvitie narodnogo khoziaistva Koreiskoi Narodno-Demokraticheskoi Respubliki posle osvobozhdenila. Pod red. i s predisl. B.K. Pimenova. Moskva, Izd-vo inostr. lit-ry, 1962. 337 p.

["PIONEER RANKS", what Pioneer leaders can require of the Pioneers of the first rank. Po "stupeniam"; vozhatomu pionerskogo otriada o trebovaniiakh i "stupeni." Erevan, Aimuchpedgiz] 1961. 256 p. [In Armenian]

PONOMAREV, B.V. [Reports of persons responsible for goods in retail enterprises] Otchetnost' material'no otvetstvennykh lits roznichnykh torgovykh predpriiatii. Moskva, Gostorgizdat, 1962 71 p.

POPOV, M.V [In the name of the 22d Congress of the CPSU] Imeni XXII z'ezdu KPRS. Kyiv, Vyd-vo TsK LKSMU "Molod'," 1962. 61 p.

[POSTAGE STAMPS OF THE U.S.S.R., 1960-1961; a catalog] Pochtovye marki SSSR, 1960-1961, katalog. Moskva, M-vo kul'tury RSFSR. Glav. Filatelisticheskaia kontora, 1962. 63 p.

[PROBLEMS IN THE ECONOMIC EFFICIENCY OF CAPITAL INVESTMENTS] Voprosy ekonomicheskoi effektivnosti kapitalovlozhenii; sbornik statei. Pod obshchei red. i so vstup. stat'ei T.S. Khachaturova. Moskva, Izd-vo inostr lit-ry, 1962 276 p.

[PROBLEMS IN THE ECONOMICS OF HOUSING CONSTRUCTION] Voprosy ekonomiki zhilishchnogo stroitel'stva. Kishinev, Partiinoe izd-vo TsK KP Moldavii, 1962. 22 p.
[MICROFILM]

[PROBLEMS ON THE METHODOLOGY FOR PLANNED CALCULATIONS AND ANALYSIS OF ADMINISTRATIVE OPERATIONS IN COMMUNAL HOUSING AND SERVICES] Sbornik zadach po metodike planovykh raschetov i analizu khoziaistvennoi deiatel'nosti v kommunal'nom khoziaistve. [By] A.I. Fainberg i dr. Moskva, Izd-vo M-va kommun. khoz. RSFSR, 1962. 233 p.

[PROGRAM ON ECONOMICS FOR SEMINARS OF THE PARTY EDUCATIONAL SYSTEM, AS WELL AS FOR THOSE WHO STUDY ECONOMICS INDEPENDENTLY. Programma po politicheskoi ekonomii; dlia seminarov seti partiinogo prosveshchenila, a takzhe dlia samostoiatel'no izuchaiushchikh politicheskuiu ekonomiiu Tbilisi, Izd-vo TsK KP Gruzii] 1962. 75 p. [In Georgian]

[PUBLIC SERVICES IN MOSCOW] Bytovoe obsluzhivanie moskvichei 2 , dop. i perer . izd. [Moskva] Mosk. rabochii, 1962. 278 p.

RASULOV, M. [Our plant in the seven-year plan] Zavodi mo dar khafsola. Stalinobad, Nashrieti davlatii Tochikiston, 1961. 50 p. [In Tajik]

RIABUKHIN, E I [Bolshevik organizations and the workers' movement in the Ural Mountain Region, 1907-1914] Bol'shevistskie organizatsii i rabochee dvizhenie v Prikam'e, 1907-1914 gg., po materialam Viatskoi gubernii. Glazov [Glazovskii pedagog. in-t] 1960 159 p
(MH)

RUBINOV, M Z [Principles for the economic analysis of the work of enterprises] Osnovy ekonomicheskogo analiza raboty predpriiatii Moskva, Gosfinizdat, 1962 239 p

RUSSIA (1923- U.S.S.R.) TSentral'noe statisticheskoe upravlenie. [Accounting on collective farms, distributing income according to workdays] Bukhgalterskii uchet v kolkhozakh, raspredeliaiushchikh dokhody po trudodniam. Moskva, Gosstatizdat, 1962. 271 p.

RUSSIA (1923- U.S.S.R.) TSentral'noe statisticheskoe upravlenie. [Results of the 1959 All-Union Population Census, the U.S.S.R. (cumulative volume)] Itogi Vsesoiuznoi perepisi naselenila 1959 goda, SSSR (svodnyi tom). Moskva, Gosstatizdat, 1962. 283 p

RUSSIA (1923- U.S.S.R.) TSentral'noe statisticheskoe upravlenie [Results of the 1959 All-Union Population Census, the Uzbek S.S.R.] Itogi Vsesoiuznoi perepisi naselenila 1959 goda, Uzbekskaia SSR. Moskva, Gosstatizdat, 1962. 167 p.

RUSSIA (1923- U.S.S.R.) Upravlenie prepodavaniia obshchestvennykh nauk. [Assignments for controlled work in economics, for the special correspondence schools of economics and for the economics departments of special secondary correspondence schools] Zadaniia dlia kontrol'nykh rabot po politicheskoi ekonomii; dlia zaochnykh ekonomicheskikh tekhnikumov i ekonomicheskikh otdelenii zaochnykh srednikh spetsial'nykh uchebnykh zavedenii. [Moskva] Rosvuzizdat, 1962. 20 p.

RUSSIA (1923- U.S.S.R.) Upravlenie prepodavaniia obshchestvennykh nauk. [Program for a course on economics for institutions of higher learning (90 hours)] Programma kursa politicheskoi ekonomii dlia vysshikh uchebnykh zavedenii (90 chasov). [Moskva] Sotsekgiz, 1962. 29 p.

SANAKOEV, P. A., and V. G. VERSHININ. [General laws and national characteristics of the transition to socialism] Obshchie zakonomernosti i natsional'nye osobennosti perekhoda k sotsializmu. Moskva, Gospolitizdat, 1962. 28 p. (Konsul'tatsii po istorii KPSS)

SATYBALDIN, N. S. [Economic efficiency of new technological processes in nonferrous metallurgy] Ekonomicheskaia effektivnost' novykh tekhnologicheskikh protsessov v tsvetnoi metallurgii Alma-Ata, Izd-vo Akad nauk Kazakhskoi SSR, 1962. 169 p.

SCHWARTZ, S.M. [Menshevism and Bolshevism and their relations with the labor movement] Men'shevizm i bol'shevizm v ikh otnoshenii k massovomu rabochemu dvizheniiu. [New York, Interuniversity Project on the History of the Menshevik Movement, 1962?] - 1. v.
(CSt-H)

SEMENOV, M. G. [Let us clear our fields of weeds] Khudiu travu - s polia von; zametki satirika. Moskva, Gospolitizdat, 1962. 94 p.

SENIN, M. V. [At the new frontier; on the development of the world socialist economy] Na novom rubezhe; o razvitii mirovogo sotsialisticheskogo khoziaistva. Moskva, Izd-vo "Znanie," 1962. 63 p. (Novoe v zhizni, nauke, tekhnike. VII Seriia. Mezhdunarodnaia, no. 23-24)

SERGEEV, S. D., and A. F. DOBROKHOTOV. [The People's Republic of Bulgaria; its economy and foreign trade] Narodnaia Respublika Bolgariia; ekonomika i vneshniaia torgovlia. Moskva, Vneshtorgizdat, 1962. 271 p.

SHABASHKEVYCH, H. L. [Iaroslav Soltysyk's happiness] Shchastia IAroslava Soltysyka. Stanislav, Stanislavs'ke oblasne knyzhkovo-gazetne vyd-vo, 1962. 14 p. (My v svit komunizmu idemo)

SHARIIA, K. S. [Problems in the correlation of two phases of communist society] Nekotorye voprosy sootnosheniia dvukh faz kommunisticheskogo obshchestva. Tbilisi, Akad. nauk Gruzinskoi SSR, 1961. 58 p.
(MH) (NjP)

SHCHENKOV, V. V. [Statistical methods for studying consumers' demand] Statisticheskie sposoby izucheniia pokupatel'skogo sprosa. Moskva, Gosstatizdat, 1962. 79 p.

SHEVCHENKO, A. IU [Industrial development and its role in creating the productive forces of communism] Rozvytok promyslovosti ta ii rol' u stvorenni produktyvnykh syl komunizmu Kyiv, 1962 37 p (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR. Seriia 3, no. 5)

SIKORSKI, U. M. [Great program of the building of communism] Velichnaia programa budannitstva kamunizma. Minsk, Dziarzhvyd BSSR, 1962. 136 p. (Hutarki ab novai Pragrame KPSS)

SMOLIARCHUK, V. I. [Procedure in the examination of labor disputes in the U.S.S.R.] Poriadok rassmotreniia trudovykh sporov v SSSR. Moskva, Gosiurizdat, 1962. 102 p.

[SOLEMN MEETING OF THE PROVINCE COMMITTEE OF THE CPSU, THE SUPREME SOVIET AND THE COUNCIL OF MINISTERS OF THE UDMURT A.S.S.R. DEVOTED TO THE 43d ANNIVERSARY OF THE GREAT OCTOBER SOCIALIST REVOLUTION AND THE 40th ANNIVERSARY OF THE ESTABLISHMENT OF THE UDMURT AUTONOMOUS SOVIET SOCIALIST REPUBLIC] Torzhestvennoe zasedanie oblastnogo komiteta KPSS, Verkhovnogo Soveta i Soveta Ministrov Udmurtskoi ASSR, posviashchennoe 43-i godovshchine Velikoi Oktiabr'skoi Sotsialisticheskoi revoliutsii i 40-letiiu obrazovaniia Udmurtskoi Avtonomnoi Sotsialisticheskoi Respubliki. Izhevsk, Izd. Prezidiuma Verkhovnogo Soveta UASSR, 1961. 158 p.
[MICROFILM]

SOLONITSKII, A. S [Morocco, its economy and foreign trade] Marokko, ekonomika i vneshniaia torgovlia Moskva, Vneshtorgizdat, 1962 115 p

STEPANENKO, S. I. [Scientific and technical cooperation of socialist countries] Nauchno-tekhnicheskoe sotrudnichestvo sotsialisticheskikh stran. Moskva, Sotsekgiz, 1962. 86 p.

STEPOVYI, OLEKSA. [Captives] IAsyr. [Munich] Na chuzhyni, 1947. 56 p.
(NNC)

TARBEEV, A. A. [Book of completed blanks and documents for November and December for the continuous operations of the "Agricultural Machinery Plant."] Al'bom zapolnennykh blankov, dokumentov za noiabr' i dekabr' k skvoznoi zadache "zavod Sel'mash." Moskva, Gosstatizdat, 1962. 243 p

TERNOPOL', (Province) Statisticheskoe upravlenie. [Economy of Ternopol Province, collected statistics] Narodne hospodarstvo Ternopil's'koi oblasti, statystychnyi zbirnyk. L'viv, Derzhstatvydav, 1962. 280 p.

TOKAREV, A. P. [Theoretical problems of ground rent under capitalism and socialism] Teoreticheskie voprosy zemel'noi renty pri kapitalizme i pri sotsializme. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1962. 87 p

[TRAFFIC REGULATIONS FOR STREETS AND ROADS OF THE U.S.S.R.] Pravila dvizheniia po ulitsam i dorogam Soiuza SSR. Baku, Azerbaidzhanskoe gos. izd-vo, 1962. 110 p.

TSVETKOV, B. N. [What voluntary policemen should know about their work] Eto nuzhno znat' druzhinniku. [Leningrad] Lenizdat, 1962. 86 p.

VARGA, E. S. [Modern capitalism and economic crises] Sovremennyi kapitalizm i ekonomicheskie krizisy, izbrannye trudy. Moskva, Izd-vo Akad. nauk SSSR, 1962. 502 p

VASHENTSEVA, E. M [The law of planned proportional development of a socialist national economy] Zakon planomernogo proportsional'nogo razvitiia sotsialisticheskogo narodnogo khoziaistva. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1962. 55 p.

VEITSMAN, N. R., and others. [Principles of studying balance sheets and statistics] Osnovy balansovedeniia i statistiki, uchebnoe posobie. Pod red. N. R. Veitsmana. Moskva, Izd-vo IMO, 1962. 261 p

VENCKUNAS, VITAUTAS. [Increasing labor productivity on state farms] Darbo nasumo kelimas tarybiniuose ukiuose. Vilnius, Valstybine politines ir mokslines literaturos leidykla, 1961. 77 p. [In Lithuanian]

VIKENT'EV, A. I. [In full bloom; informal discussions on modern Soviet economy] V rastsvete sil; besedy o sovremennoi sovetskoi ekonomike. Moskva, Izd-vo "Znanie," 1962. 64 p. (Narodnyi universitet kul'tury: Tekhniko-ekonomicheskii fakul'tet, no. 11)

VOL'FSON, MIKHAIL. [People of a single district] Liudi odnogo raiona; ocherki. Simferopol', Krymizdat, 1962. 64 p. (Nash sovremennik)

VOROD'EV, F. V. [Control over wage fund disbursement in the national economy] Kontrol' nad raskhodovaniem sredstv v narodnom khoziaistve fondov zarabotnoi platy Baku, Azerneshr, 1962. 51 p

[WINGS OF THE SEVEN-YEAR PLAN] Kryl'ia semiletki [Riazan'] Riazanskoe knizhnoe izd-vo, 1960 67 p.

[A YEARBOOK FOR 1960 ON THE AGRARIAN HISTORY OF EASTERN EUROPE] Ezhegodnik po agrarnoi istorii Vostochnoi Evropy, 1960 g Kiev, Izd-vo Akad. nauk USSR, 1962. 589 p.

ZAITSEV, N. S. [Exploitation of small and average farmers by financial capital in the U.S.A. after the Second World War] Ekspluatatsiia melkikh i srednikh fermerov finansovym kapitalom SShA posle Vtoroi Mirovoi voiny. Moskva, Gos. Izd-vo "Vysshaia shkola," 1962. 70 p.

ZMEEV, A. A., and N. G. KOVALEV. [Railroad rolling stock; the production and foreign trade of capitalist countries] Zheleznodorozhnyi podvizhnoi sostav, proizvodstvo i vneshniaia torgovlia kapitalisticheskikh stran. Moskva, Vneshtorgizdat, 1962. 211 p.
[MICROFILM]

6. POLITICAL SCIENCE

ABAKUNCHYK, I. V. [New methods of party work] Novae u partyinai rabotse. Minsk, Dziarzh. vyd-va BSSR, 1962. 44 p. (Z vopytu partyinai raboty)

ABROSIMOV, P. M. [Verification of the execution of decisions] Proverka ispolneniia reshenii. [Moskva] Mosk. rabochii, 1962. 37 p. (Biblioteka partiinogo rabotnika. Materialy partorganizatsii)

AMERICAN FRIENDS OF RUSSIAN FREEDOM [How to help Stalin to conquer the world, who is the enemy "Russia" or communism?] Kak pomoch' Stalinu zavoevat' mirom, kto vrag - "Rossiia" ili kommunizm? New York [1952?] 20 p.

ARSENENKO, P. N [Activists are the mainstay of party committees] Aktiv - opora partiinogo komiteta Moskva, Gospolitizdat, 1962. 45 p. (Voprosy partiinogo stroitel'stva)

[THE ART OF PARTY PROPAGANDA; work practices of party organizations in the city of Riga] Iskusstvo partiinoi propagandy; iz opyta raboty partiinykh organizatsii gor. Rigi. [Red. I. Plotko] Riga, Latvitskoe gos. izd-vo, 1961. 131 p.
(MH)

BAGLIKOV, B. T. [Lenin'n works on the national question] Leninskie proizvedeniia po natsional'nomu voprosu. Moskva, Gospolitizdat, 1962. 87 p. (Konsul'tatsii po istorii KPSS)

BARUZDIN, S. A. [Account of a trip to the U.S.A.] Russkaia o poezdke v SShA. Moskva, Izd-vo "Russkaia Rossiia," 1962 92 p.

BIRZINA, LINA. [Rural soviets of workers' deputies] Ciemu darbalauzu deputatu padomes. Riga, Latvijas PSR Zinatnu Akad. Izdevnieciba, 1962. 105 p. [In Latvian]

[THE BOLSHEVIK PARTY DURING THE NEW REVOLUTIONARY SITUATION; CLARIFICATION OF REVOLUTIONARY ACTIVITY, 1910-1914; documents and materials] Partiia bol'shevikov v gody novogo revoliutsionnogo pod'ema, 1910-1914 gody; dokumenty i materialy. Moskva, Gospolitizdat, 1962. 533 p. (V pomoshch' izuchaiushchim istoriiu KPSS)

[BRIEF REFERENCE BOOK FOR THE SECRETARY OF LOCAL PARTY ORGANIZATIONS IN RURAL AREAS] Korotkyi dovidnyk sekretaria sil's'koi pervynnoi partorganizatsii. Kyiv, Derzhpolitvydav URSR, 1961. 426 p.

CHERNOV, V. G. [Chancellor's favorite] Liubimets kantslera. Moskva, Gospolitizdat, 1962. 30 p.

CHOSON NODONGDANG. Taehoe. 4th, Pyongyang, Korea, 1961. [Fourth Congress of the Workers' Party of Korea, Pyongyang, September 11 to 18, 1961] IV s"ezd Trudovoi partii Korei, Pkhen'ian, 11-18 sentiabria 1961 goda. Moskva, Gospolitizdat, 1962. 375 p. (Dokumenty i materialy zarubezhnykh kommunisticheskikh i rabochikh partii)

COMMUNIST PARTY OF GREAT BRITAIN. 27th Congress, London, 1961. [Twenty-seventh Congress of the Communist Party of Great Britain, London, March 30-April 3, 1961] XXVII natsional'nyi s"ezd Kommunisticheskoi partii Velikobritanii, London, 30 marta - 3 aprelia 1961 goda. Moskva, Gospolitizdat, 1961. 123 p. (Dokumenty i materialy zarubezhnykh kommunisticheskikh i rabochikh partii)
(CSt-H)

[DOCUMENTS PERTAINING TO THE PROGRAMS OF COMMUNIST AND WORKERS' PARTIES IN AMERICAN COUNTRIES] Prohramnye dokumenty kommunisticheskikh i rabochikh partii stran Ameriki. Moskva, Gospolitizdat, 1962. 335 p.

DZMITRUK, A.A. [Present-day phase of the international communist movement] Mizhnarodny kamunistychny rukh na suchasnym etape. Minsk, Dziarzh. vyd-va BSSR. Red. satsyial'na-ekanamichnai lit-ry, 1962. 66 p. (Hutarki ab noval pragrame KPSS)

EMEL'IANOV, V.S. [On the responsibility of a scientist] Ob otvetstvennosti uchenykh. Moskva, Izd-vo "Znanie," 1962. 37 p. (Novoe v zhizni, nauke, tekhnike. IX Serila: Fizika i khimiia, no. 21)

EMIAL'IANOVA, F.IA. [Three thousand restless men] Try tysiachy nespakoinykh. Minsk, Dziarzhvyd BSSR, 1962. 41 p. (Z vopytu partyinai raboty)

EROKHIN, M.V. [How we propagandize the materials of the congress] Propagandiuem materialy s"ezda. Simferopol', Krymizdat, 1962. 36 p

[ESTABLISHMENT OF THE SOVIET NATIONAL STATE IN GEORGIA. Sozdanie sovetskoi natsional'noi gosudarstvennosti v Gruzii. Tbilisi, Izd-vo TsK KP Gruzii] 1961. 96 p [In Georgian]

FARBEROV, N.P. [Program of the CPSU on the nature of the socialist state] Programma KPSS o sotsialisticheskom gosudarstve. Moskva, Gospolitizdat, 1962. 80 p. (Konsul'tatsii po istorii KPSS)

GLAGOLEV, V.F. [Socialism is the decisive force of the present time] Sotsializm - reshaiushchaia sila sovremennosti. Moskva, Gospolitizdat, 1962. 70 p

GOSUDARSTVENNAIA KNIZHNAIA PALATA MOLDAVSKOI SSR. [Classical works of Marxism-Leninism, a bibliography of literature printed in Rumania from 1925 to 1961] Operele klasicilor marksizm-leninismului shi literatura despre ei, editate yn RSSM, 1925-1961, kulezhere bibliografike. Alk. de G.E. Kozanak shi A.V. Borodin. Kishinev, Editura de stat "Kartia moldoveniaske," 1962. 24 p [In Moldavian]

HADIATS'KYI, M. [Sources of Muscovite communism] Dzherela moskovs'koho komunizmu. Toronto, Vyd-vo Ukrainskoi upravy S-ky Vyzvolennia Ukrainy v Kanadi, 1960. 125 p.
(InU)

HOLUBNYCHY, VSEVOLOD. [A new conflict in the Communist camp] Novyi konflikt u komunistychnomu tabori. Munich, Suchasnist', 1962. 72 p.
(CSt-H)

IURCHENKO, O.T. [Fourth Conference of the Communist Party of the Ukraine] Chetverta konferentsiia KP(b) U. Kyiv, Derzh. vyd-vo polit. lit-ry URSR, 1961. 181 p. (Z'izdy i konferentsii Kommunistychnoi Ukrainy)
(NNC)

KALININ, M.I. [Talks with the people] Besedy s narodom. Moskva, Izd-vo "Sovetskaia Rossiia," 1960. 366 p.
(NIC)

KHARLAMOVA, L.A. [The world should do away with colonialism] Kolonializmu net mesta na zemle. Moskva, Gospolitizdat, 1962. 78 p. (Bibliotechka vneshnei politiki SSSR)

KHARLANOV, IU.F. [Mystery of the two crosses] Taina dvukh krestov. [Moskva] Molodaia gvardiia, 1962. 142 p.

KHRUSHCHEV, N.S. [Address to the Sixth Congress of the German Socialist Unity Party, January 16, 1963] Vystuplenie na VI s"ezde Sotsialisticheskoi edinoi partii Germanii, 16 ianvaria 1963 goda. Moskva, Gospolitizdat, 1963. 47 p.

KHRUSHCHEV, N.S. [Conversation with G. Cowles, the American publisher] Beseda s amerikanskim izdatelem G. Koulsom. Moskva, Gospolitizdat, 1962. 32 p.
(MH)

KHRUSHCHEV, N.S. [Present-day international situation and the foreign policy of the Soviet Union] Sovremennoe mezhdunarodnoe polozhenie i vneshniaia politika Sovetskogo Soiuza; doklad na sessii Verkhovnogo Soveta SSSR 12 dekabria 1962 goda. Moskva, Gospolitizdat, 1962. 63 p.

KISELEV, A.P. [Ralph Fox, publicist of the Communist Party of Great Britain] Ralf Foks, publitsist Kompartii Velikobritanii. [Moskva] Izd-vo Mosk. univ., 1961. 56 p.
(MH)

KOMMUNISTICHESKAIA PARTIIA SOVETSKOGO SOIUZA. [Program of the Communist Party of the Soviet Union; adopted by the 22d Congress of the CPSU] Programma Kommunisticheskoi partii Sovetskogo Soiuza, priniata XXII s"ezdom KPSS. Moskva, Gospolitizdat, 1962. 300 p.

KRUTS'KO, M.H. [The Communist Party leads the struggle of the Soviet people for communism] Kamunistychnaia partyia - rukiavy savetskaha naroda u barats'be za kamunizm. Minsk, Dziarzhvyd BSSR, 1962. 69 p. (Hutarki ab noval pragramo KPSS)

KUDRIAKOV, V.N. [Today we have a meeting] Segodnia u nas sobranie. [Moskva] Molodaia gvardiia, 1962. 95 p. (Komsomol'skomu aktivistu)
(CSt-H)

LEBEDEV, N.I. [Role of the Rumanian People's Republic in present-day international relations] Rumynskaia Narodnaia Respublika v sovremennykh mezhdunarodnykh otnosheniiakh. Moskva, Izd-vo IMO, 1962. 95 p (Vneshniaia politika: mezhdunarodnykh otnosheniiakh. Moskva, Izd-vo IMO, 1962. 95 p (Vneshniaia politika' mezhdunarodnye otnosheniia)

LENIN, V.I. [On increasing the participation of the masses in the governing of the state] O privlechenii mass k upravleniiu gosudarstvom. Moskva, Gospolitizdat, 1962. 202 p.
(CSt-H)

[LET THE MASSES HEAR THE MESSAGE OF THE PARTY] Slovo partii - v massy, sbornik. Simferopol', Krymizdat, 1962. 44 p.

LIAKIN, V.N., and others [The enemy will not attain his goal] Vrag ne dostignet tseli. [Leningrad] Lenizdat, 1962. 160 p

LIAPESKI, F.I. [Who can be admitted into the party] Kaho partyia prymae u svae rady. Minsk, Dziarzh. vyd-va BSSR. Red. masava-palitychnai lit-ry, 1962. 32 p. (Hutarki ab novym Statutse KPSS)

LOBATENKO, N.G. [The international communist and workers' movement today] Mezhdunarodnoe kommunisticheskoe i rabochee dvizhenie na sovremennom etape. Minsk, Gosizdat BSSR, 1961. 70 p.
(MH)

MAKHNENKO, A. KH. [Elected organs of the government of the Polish People's Republic] Predstavitel'nye organy gosudarstvennoi vlasti Pol'skoi Narodnoi Respubliki. Moskva, Gosiurizdat, 1962. 225 p.

MARKOVA, R.I. [V.I. Lenin's work "Current objectives of the Soviet government"] O proizvedenii V.I. Lenina "Ocherednye zadachi Sovetskoi vlasti." Moskva, Gospolitizdat, 1962. 70 p. (Konsul'tatsii po istorii KPSS)

MATVIICHUK, M.M. [The 18th Congress of the Communist Party of the Ukraine] Vsiimnadtsiatyi z'izd KP Ukrainy. Kyiv, Derzhpolitvydav URSR, 1962. 148 p. (Z'izdy i konferentsii Komunistychnoi partii Ukrainy)

MURASTYI, O.D. [Peaceful coexistence and the struggle for peace] Myrne spivisnuvannia i borot'ba za myr. Kyiv, Derzh. vyd-vo polit. lit-ry URSR, 1962. 118 p.

NIAMKEVICH, V.A. [Our efficient helpers] Nalavyia pamochniki. Minsk, Dzhiarzh. vyd-va BSSR. Red. masava-palit. lit-ry, 1961. 36 p.

[NOTEBOOK FOR PARTY ACTIVISTS] Zapysna knyzhka partiinoho aktyvista. [Kyiv] Derzhpolitvydav URSR [1962] 382 p.

PARTI COMMUNISTE. Congrès national, 16th, Saint Denis, 1961. [The 16th Congress of the French Communist Party. Translated from the French] XVI s'ezd Frantsuzskoi kommunisticheskoi partii. Moskva, Gospolitizdat, 1962. 173 p. (Dokumenty i materialy zarubezhnykh kommunisticheskikh rabochikh partii)

[PIONEER'S LIBRARY] Bibliotechka pionera; vstup. Kyiv, Dytvydav, 1962. 7 p.

PLIASUN, IA.I. [Governmental system of the United Arab Republic, February, 1958-September, 1961] Derzhavnyi ustrii OAR, liutyi 1958 r. -veresen' 1961 r. Kyiv, Vyd-vo AN URSR, 1962. 118 p.

POPOVA, V.I., and N.T. SAVENKOV. [Regional soviet of workers' deputies] Raionnyi Sovet deputatov trudiashchikhsia. Moskva, Gosiurizdat, 1962. 234 p.

PRAGUE. USTAV DEJIN KOMMUNISTICKE STRANY CESKOSLOVENSKA. [History of the Communist Party of Czechoslovakia. Translated from the Czech] Istoriia Kommunisticheskoi partii Chekhoslovakii. Moskva, Gospolitizdat, 1962. 822 p.

PRAVDA, Moscow. [Strengthening the unity of the communist movement for the triumph of peace and socialism] Ukrepim edinstvo kommunisticheskogo dvizheniia vo imia torzhestva mira i sotsializma, redaktsionnaia stat'ia opublikovannaia v gazete "Pravda" 7 ianvaria 1963 goda. Moskva, Izd-vo "Pravda," 1963. 31 p.

[PROBLEMS IN THE HISTORY OF THE COMMUNIST PARTY OF WHITE RUSSIA DURING THE POSTWAR PERIOD] Nekotorye voprosy istorii KPB v poslevoennyi period. [Redkol.: N.N. Aktimov i dr.] Minsk, Izd-vo M-va vysshego, srednego spetsial'nogo i professional'nogo obrazovaniia BSSR, 1961. 206 p.
(MH)

PROBLEMY MIRA I SOTSIALIZMA. [Leninism in action] Leninizm v deistvii, sbornik statei. Praga, Mir i sotsializm, 1962. 125 p.
(InU) (MH)

[PROGRAM FOR STUDYING THE INTERNATIONAL SITUATION AND THE FOREIGN POLICY OF THE U.S.S.R., THE BUILDING OF SOCIALISM IN THE PEOPLE'S DEMOCRACIES, THE WORLD COMMUNIST, LABOR, DEMOCRATIC, AND NATIONAL LIBERATION MOVEMENTS] SSRI-nin beinelkhalq vezliteti ve kharichi siiasetinin, khalq demokratiiasy elkelerinde sosializm guruchulugu, dunia kommunist, fehle, demokratik ve milli-azadlyg herekaty techrubesinin oirenilmesi programy dernek ve seminarlar uchun, habele ferdi plan uzre meshgul olandar uchun. Baky, Azerneshr, 1962. 26 p. [In Azerbaijani]

SOIUZ BOR'BY ZA OSVOBOZHDENIE NARODOV ROSSII, Munich. [Union of the Struggle for the Liberation of the Peoples of Russia (SBONR), 1947-1962] Soiuz Bor'by Za Osvobozhdenie Narodov Rossii SBONR, 1947-1962. Munich, 1962. 126 p.

STEPAKOV, V.I. [Marxist-Leninist education of the Communists and nonparty workers] Marksistsko-leninskoe obrazovanie kommunistov i bespartiinykh. Moskva, Gospolitizdat, 1962. 61 p. (Bibliotechka sekretaria pervichnoi partiinoi organizatsii, no 4)

[STUDYING THE PROGRAM OF THE CPSU] K izucheniiu programmy KPSS, sbornik metodicheskikh materialov. Moskva, Gospolitizdat, 1962. 214 p.

TSELIKOVA, K.T. [Efforts of the Communist Party of White Russia to intensify its ideological work in rural areas, 1953-1958] Deiatel'nost' KPB po usileniiu ideologicheskoi raboty v derevne, 1953-1958 gg. Minsk, Izd-vo M-va vysshego, srednego spetsial'nogo i professional'nogo obrazovaniia BSSR, 1962. 45 p. (Iz istorii KPB)

TURKMEN S.S.R. Verkhovnyi Sovet. [Meetings of the Fifth Supreme Soviet of the Turkmen S.S.R., first session, March 30, 1959. Verbatim report] Zasedaniia Verkhovnogo Soveta Turkmenskoi SSR piatogo sozyva pervaia sessiia (30 Marta 1959 goda); stenograficheskii otchet. Ashkhabad, Turkmenskoe gos. izd-vo, 1959. 85 p. [Parallel texts in Turkmen and Russian]

UKRAINE. Verkhovnyi Sovet. [Meetings of the Fifth Supreme Soviet of the Ukrainian S.S.R., sixth session, December 26-27, 1961. Verbatim report] Zasedaniia Verkhovnogo Soveta Ukrainskoi SSR, piatogo sozyva; shestaia sessiia, 26-27 dekabria 1961 goda. Stenograficheskii otchet. Kiev, Gos. izd-vo polit. lit-ry USSR, 1962. 206 p.

UNANIAN, K.A. [Party organization and the mass organizations of workers] Partiinaia organizatsiia i massovye organizatsii trudiashchikhsia. Moskva, Gospolitizdat, 1962. 63 p. (Bibliotechka sekretaria pervichnoi partiinoi organizatsii)

ZARGAROV, A.A., and G.IA. ABDULSALIMZADE. [Communism is created through the work of the millions] Kommunizm millionlaryn emeli ile yaranyr. Baky, Azerbaichan SSR Elmler Akademiiasy neshriiaty, 1962. 56 p. [In Azerbaijani]

7. LAW

AKADEMIIA NAUK SSSR. Institut gosudarstva i prava. [Literature on Soviet law; a bibliography] Literatura po Sovetskomu pravu; bibliograficheskii ukazatel'. Moskva, Izd-vo Akad. nauk SSSR, 1960. 279 p.
(NIC) (MH) NjP)

AI EKSEEV, T D [Special housing benefits for some groups of Soviet citizens] Zhilishchnye l'goty grazhdan SSSR Moskva, Gosiurizdat, 1962 66 p (L'goty po sovetskomu zakonodatel'stvu)

BOBROV, R L [Present-day international law, its objective premises and social purposes] Sovremennoe mezhdunarodnoe pravo, ob"ektivnye predposylki i sotsial'noe naznachenie. [Leningrad] Izd-vo Leningr. univ., 1962. 113 p.

BOGUSLAVSKII, M. M [Patent problems in international relations, international law problems relating to inventions] Patentnye voprosy v mezhdunarodnykh otnosheniiakh, mezhdunarodno-pravovye problemy izobretatel'stva Moskva, Izd-vo Akad nauk SSSR, 1962 342 p

BYKHOVSKII, I. E. [Criminal offenses must be prevented] Prestupleniia nuzhno predupredit' Leningrad, Ob-vo po rasprostraneniiu polit. i nauchn. znanii RSFSR, 1962. 58 p.

CZECHOSLOVAK REPUBLIC, Laws, statutes, etc. [Czechoslovak Socialist Republic, constitution and legislative enactments] Chekhoslovatskaia Sotsialisticheskaia Respublika, konstitutsiia i zakonodatel'nye akty. Moskva, Izd-vo In-ta mezhdunarodnykh otnoshenii, 1962 403 p

GAL'PERIN, G. I. [Basic rights of inventors and efficiency experts and the promotion of inventions] Osnovnye prava izobretatelei i ratsionalizatorov i sodeistvie izobretatel'stvu Sverdlovsk, Prezidium Sverdlovskoi obl. kollegii advokatov, 1959 36 p.

KUL'BERG, IA. M. [Crimes against the administration of justice] Prestupleniia protiv pravosudiia. Moskva, Gosiurizdat, 1962. 60 p.

KUZNETSOVA, N. F [Jurisdiction of fellow workers' courts in the examination of criminal cases] Dela o prestupleniiakh, rassmatrivaemykh tovarishcheskimi sudami. [Moskva] Izd-vo Mosk univ , 1962 62 p

[LAWS ON THE BUDGET RIGHTS OF THE U S S R., UNION AND AUTONOMOUS REPUBLICS AND LOCAL SOVIETS OF WORKER'S DEPUTIES] Zakony o biudzhetnykh pravakh Soiuza SSR, soiuznykh i avtonomnykh respublik i mestnykh Sovetov deputatov trudiashchikhsia Moskva, Gosfinizdat, 1962 366 p

LESNITSKAIA, L. F. [Legal grounds for the reversal of judicial decisions by appellate courts] Osnovaniia k otmene obzhalovannykh sudebnykh reshenii. Moskva, Gosiurizdat, 1962. 132 p.

MIRONOV, N. R [Program of the CPSU and the efforts to ensure the observance of laws and maintenance of public order] Programma KPSS i voprosy dal'neishego ukrepleniia zakonnosti i pravoporiadka, lektsiia, prochitannaia v Vysshei partiinoi shkole pri TsK KPSS Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1962 64 p (Partiinoe stroitel'stvo, kurs lektsii)

MORGULIS, M. I. [Practice of State Arbitration agencies in matters of transfer of industrial enterprises, buildings, structures and equipment] Voprosy peredachi predpriiatii, zdanii, sooruzhenii i oborudovaniia v praktike Gosarbitrazha. Otv. red O. N Sadikov Moskva, Gosiurizdat, 1962 78 p (Bibliotechka khoziaistvennika i rabotnika iuridicheskoi sluzhby)

MOSCOW, UNIVERSITET, Kafedra administrativnogo i finansovogo prava [Soviet administrative law (general part)] Sovetskoe administrativnoe pravo (obshchaia chast'). Moskva, Gosiurizdat, 1962. 301 p.

NOI, I. S. [Theoretical problems of punishment in Soviet criminal law] Voprosy teorii nakazaniia v sovetskom ugolovnom prave. [Saratov] Izd-vo Saratovskogo univ., 1962, 154 p.

RUSSIA (1917- R. S. F. S. R.) Laws, statutes, etc. [Commentaries on the 1960 criminal code of the R. S. F. S. R.] Kommentarii k Ugolovnomu kodeksu RSFSR 1960 g [Leningrad] Izd-vo Leningrad. univ., 1962 459 p.

SNIGIREVA, L. O. [Special benefits for the personnel of the Soviet commercial airlines] L'goty rabotnikam grazhdanskogo vozdushnogo flota. Moskva, Gosiurizdat, 1962. 75 p (L'goty po sovetskomu zakonodatel'stvu)

SOKOLOV, IU. A. [Participation of Soviet workers in the maintenance of law and order] Uchastie trudiashchikhsia v okhrane sovetskogo obshchestvennogo poriadka. Moskva, Gosiurizdat, 1962. 169 p.

UKRAINE. Laws, statutes, etc. [Law on the judicial system of the Ukrainian S. S. R.] Zakon pro sudoustrii Ukrains'koi RSR. Kyiv, Derzhpolitvydav URSR, 1962. 14 p

UZBEK S. S R. Laws, statutes, etc [The criminal procedure code of the Uzbek S. S. R.; with amendments as of March 1, 1962] Ugolovno-protsessual'nyi kodeks Uzbekskoi SSR. S izmeneniiami i dopolneniiami na 1 marta 1962 goda. Tashkent, Gos. izd-vo UzSSR, 1962. 247 p.

VOILENKO, E. I , and A. A. ABRAMOVA. [Labor rights of instructors in institutions of higher learning] Trudovye prava prepodavatelei vysshei shkoly. Moskva, Gosiurizdat, 1962. 82 p.

8. EDUCATION

ABDULLAEV, A. M. [Methodology of teaching the Azerbaijani language in elementary schools] Ibtidai mektebde Azerbaichan dili tedrisinin metodikasy. Baky, Azerbaichan dovlet tedris-pedagozhi edebiiaty neshriiaty, 1962. 186 p. [In Azerbaijani]

ABDULLAEV, NARIMAN. [Schools and collective farms] Mekteb ve kolkhoz. Baky, Azerbaichan SSR Silasi ve elmi bilikleri ialan chemiiet. 1961. 19 p. [In Azerbaijani]

[ACTIVIZATION OF THE TEACHING AND EDUCATIONAL PROCESSES IN THE SCHOOL] Aktivizatsiia uchebno-vospitatel'nogo protsessa v shkole. Moskva, Uchpedgiz, 1961. 230 p. (CSt-H)

AKADEMIIA PEDAGOGICHESKIKH NAUK RSFSR, Moscow, Institut proizvodstvennogo obucheniia. [Distributive education in secondary schools] Opyt obucheniia torgovym spetsial'nostiam v srednei shkole Pod red. E. D. Varnakovoi Moskva, Izd-vo Akad. pedagog. nauk RSFSR, 1962 109 p (Pedagogicheskie chteniia)

AKADEMIIA PEDAGOGICHESKIKH NAUK RSFSR, Moscow Institut psikhologii. [Psychology of training for work] Voprosy psikhologii obucheniia trudu. Pod red A. A. Smirnova. Moskva, Izd-vo APN RSFSR, 1962. 257 p

AKADEMIIA PEDAGOGICHESKIKH NAUK RSFSR, Moscow Institut teorii i istorii pedagogiki. [Educational work in boarding schools] Uchebno-vospitatel'naia rabota v shkole-internate Pod red. V. E. Gmurmana Moskva, Izd-vo Akad. pedagog. nauk RSFSR, 1962. 333 p.

AKSENOVA, E. M. [Development of feelings by means of literary texts] Vospitanie chuvstv khudozhestvennym slovom, posobie dlia uchitelia. Moskva, Uchpedgiz, 1962. 207 p.

ALGAZINA, N. N. [Studying the rules for the spelling of the endings of adjectives and participles in the eight-year school] Izuchenie pravil pravopisaniia okonchanii prilagatel'nykh i prichastii v vos'miletnei shkole. Moskva, Gos. ucheb.-pedagog. izd-vo M-vo prosveshchenila RSFSR, 1960. 50 p. (CtY)

CHARCHOGLIAN, A. E. [Physical culture and sports in the Armenian S. S. R.] Fizkul'tura i sport v Armianskoi SSR. Erevan, Armianskoe gos. izd-vo, 1961. 242 p.

[ENCYCLOPEDIC DICTIONARY ON PHYSICAL EDUCATION AND SPORTS; in three volumes] Entsiklopedicheskii slovar' po fizicheskoi kul'ture i sportu v trekh tomakh. Moskva, Fizkul'tura i sport.
Vol 2. [Touring clubs-rucksack] Klub turistov-riukzak. 1962. 387 p.

GERASIMOV, D. D. [With a gun and a fishing rod] S ruzh'em i udochkoi. Simferopol', Krymizdat, 1962. 76 p.

GIPPENREITER, B. S. [Restorative processes in sports activities] Vosstanovitel'nye protsessy pri sportivnoi deiatel'nosti. Moskva, Fizkul'tura i sport, 1961. 61 p. (Bibliotechka sportsmena)

KARAMZIN, I. V. [Methodological development of mechanical-engineering lessons in the ninth grade] Metodikal guzaronidani darsi mashinashinosi; dar sinfi IX. Stalinobod, Nashrieti davlatii adabieti ta"limi-pedagogii vazorati maorifi RSS Tochikiston, 1961. 26 p. [In Tajik]

KHARABADZE, A. G., and T. E. TKEMALADZE. [Arithmetic, textbook for the fourth grade. Arifmetika; uchebnik dlia IV klassa. Tbilisi, Gos. izd-vo uchebno-pedagog. lit-ry "TSodnia,"] 1962. 185 p. [In Georgian]

KOLESNIKOV, V. I., and S. L. NISIMOV. [Methodological instructions for the Russian language textbook for the fourth grade of Azerbaijani schools] Metodicheskie ukazaniia k uchebniku russkogo iazyka dlia 4 klassa azerbaidzhanskoi shkoly. Baku, Azeruchpedgiz, 1962. 63 p.

KORIAKOVSKII, I. M., ed [Theory of physical education] Teoriia fizicheskogo vospitaniia Moskva, Fizkul'tura i sport, 1961. 270 p

KUPRIIANOVA, K. N., and others. [Extracurricular reading] Vneklassnoe chtenie; uroki rukovodstva vneklassnym chteniem v nachal'noi shkole. Posobie dlia uchitelei nachal'nykh klassov. Moskva, Uchpedgiz, 1962. 93 p.

KUZ'MINA, A. A. [Materials for use in studying Russian in the first grade] Didakticheskii material dlia zaniatii po russkomu iazyku v pervom klasse. Izd. 3. Moskva, Gos. uchebno-pedagog. izd-vo, 1959. 110 p. (NIC)

LAPTEV, V. I. [Instructive compositions in the Russian course for grades 5-8 of Azerbaijani schools] Obuchaiushchie pis'mennye raboty na urokakh russkogo iazyka v V-VIII klassakh Azerbaidzhanskoi shkoly. Baku, Azeruchpedgiz, 1962. 63 p.

LIATETSKAIA, M. F. [How to help children to study well] Kak pomogat' detiam khorosho uchit'sia. Minsk, Gos. uchebno-pedagog. izd-vo M-va prosv. BSSR, 1962. 34 p. (Roditeliam o detiakh)

LIUBLINSKAIA, A. A. [Discussions with the teacher on the development of the child] Besedy s vospitatelem o razvitii rebenka. Moskva, Uchpedgiz, 1962. 278 p

MALINOVSKII, V. I. [How to make visual aids for a mathematics class] Izgotovlenie naglidnykh posobii po matematike. Minsk, Gos. uchebno-pedagog. izd-vo M-va prosv. BSSR, 1962. 99 p.

MOLDAVIAN S. S. R. Ministerstvo prosveshchenila. [Programs for secondary schools with industrial training, building specialities] Programmy srednei shkoly s proizvodstvennym obucheniem, stroitel'nye spetsial'nosti. Kishinev, Kartia moldovenianske, 1962. 132 p.

MOLDAVIAN S. S. R. Ministerstvo prosveshchenila. [Programs for secondary schools with industrial training; metalworking trades] Programmy srednei shkoly s proizvodstvennym obucheniem; spetsial'nosti po metalloobrabotke. Kishinev, Kartia moldovenianske, 1962. 104 p.

MOLDAVIAN S. S. R. Ministerstvo prosveshchenila. [Programs for secondary schools with industrial training; radio and electrical engineering] Programmy srednei shkoly s proizvodstvennym obucheniem, elektroradiotekhnicheskie spetsial'nosti. Kishinev, Kartia moldovenianske, 1962. 101 p.

MOSCOW. AKADEMIIA OBSHCHESTVENNYKH NAUK. [Program for studying the materials of the 22d Congress of the CPSU] Programma izucheniia materialov XXII s"ezda KPSS; dlia politshkol, kruzhkov istorii KPSS, osnov marksizma-leninizma i tekushchei politiki. Moskva, 1961. 30 p.

MOSCOW. AKADEMIIA OBSHCHESTVENNYKH NAUK [Program for the course on "The history and theory of the international communist and labor movement" for evening universities of Marxism-Leninism, (Faculty for the Principles of Marxism-Leninism)] Programma kursa "Istoriia i teoriia mezhdunarodnogo kommunisticheskogo i rabochego dvizheniia" dlia vechernikh universitetov marksizma-leninizma (Fakul'tet osnov marksizma-leninizma). Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1962. 23 p.

NAUCHNAIA KONFERENTSIIA PO DEFEKTOLOGII, 1961. [Materials from the Conference on Defectology] Materialy. Pod red A. I. D'iachkova. Moskva, Izd-vo Akad. pedagog. nauk RSFSR, 1962. 116 p.

NIKITIN, N. N. [Geometry; a textbook for the 6th grade] Geometriia; uchebnik dlia VI klassa. Izd. 5. Moskva, Gos. uchebno-pedagog. izd-vo, 1960. 111 p. (TNJ)

OKOŃ, WINCENTY. [Educational process. Translated from the Polish] Protsess obucheniia. Pod red. M. A. Danilova. Moskva, Uchpedgiz, 1962. 169 p.

PROKOF'EV, A. S. [The search goes on] Poiski prodolzhaiutsia. [Riazan'] Riazanskoe knizhnoe izd-vo, 1961. 35 p.

RESHETNIKOV, A. V. [Problems and exercises in chemistry for secondary schools; a manual for teachers] Sbornik zadach i uprazhnenii po khimii dlia srednei shkoly; posobie dlia uchitelei. Izd. 2., ispr. i dop. Moskva, Uchpedgiz, 1962. 92 p.

ROZHDESTVENSKII, D. P., G. A. PETROVA, and T. V. SHURTAKOVA. [An didactic training of secondary school children to out-of-school work] Didakticheskoe obespechenie vnekhkolnoi raboty so shkolnikami. [Kazan'] Izd-vo Kazanskogo un-ta, 1960. 108 p. (CU)

RUSSIA (1923- U.S.S.R.) Pervichnoe obuchenie detei narodnostei SSSR. [Elementary education of children in the U.S.S.R.; statistical data] Kratkie spravochnye svedeniia. 1-2 izd. Statisticheskii sbornik. Moskva, Gosstatizdat, 1962. 64 p.

SARANSK. NAUCHNO-ISSLEDOVATELSKII INSTITUT YAZYKA, LITERATURY, ISTORII I EKONOMIKI. [Public education in Mordovia, documents and materials] Narodnoe obrazovanie Mordovskoi ASSR, dokumenty i materialy. Sbornik. Mordovskoe knizhnoe izd-vo.
Vol. 1 1917-1928. 1962.
(MH)

SOIUZ SPORTIVNYKH OBSHCHESTV I ORGANIZATSII SSSR. Tsentral'nyi sovet. Otdel propagandy. [All Union physical culture organization. Study for labor and the defense of the U.S.S.R.] Vsesoiuznyi fizkul'turnyi kompleks "Gotov k trudu i oborone SSSR" (GTO). 2. izd. Moskva, 1958. 32 p.
[MOSCOW]

SOIUZ SPORTIVNYKH OBSHCHESTV I ORGANIZATSII SSSR. Tsentral'nyi sovet. [Rules, program for GTO (Ready for labor and defense of the U.S.S.R.)] Vsesoiuznyi fizkul'turnyi kompleks "Gotov k trudu i oborone SSSR" (GTO); programma dlia detskikh sportivnykh shkol. Moskva, Izd-vo "Fizkul'tura i sport," 1962. 50 p.

STEBLOV, V. V., and I. G. CHERNOV. [History of physical culture] Istoriia fizicheskoi kul'tury. Moskva, Izd-vo "Fizkul'tura i sport," 1962. 208 p.

TARORKO, V. A., and I. S. ORLOVA. [Group works for students' vacation] Prochitav i dumaem vmeste [vol. 1] 4. izd. Moskva, Izd-vo Akad. pedagog. nauk RSFSR, 1962. 103 p. (Biblioteka shkol'nika)

[TEACHING THE AZERBAIJANI LANGUAGE AND LITERATURE] Azerbaidzhanskii yazyk i literatura; ucheb.-metod. posobie dlia uchitelei, studentov pedagogicheskikh institutov i uchashchikhsia starshikh klassov. [Baku, "Azerbaidzhan muallimi," zhurnal-gazeta, 1962. 111 p. (Azerbaidzhan muallimi," prilozhenie no. 4) [In Azerbaijani]

TERZIEV, M. KH. [Problems and questions in physics for a manual for applicants to schools of higher education] Voprosy i otvety i vopros po fizike; posobie dlia postupaiushchikh v vysshie uchebnye zavedeniia. Moskva, tipo. Izd-vo "Vysshaia shkola," 1962. 208 p.

[VOCATIONAL GUIDANCE IN TEACHING THE RUSSIAN LANGUAGE IN ADULT EDUCATION] Napravlenie prepodavaniia v sekonal'nykh vechernikh shkolakh. Red. I. I. Tsitsanova. Moskva, Prosveshchenie, 1961. 141 p. (R 9)

VERNIAZHSKII, B. V. [History, a textbook for the 9th and 10th grades of the secondary school. Translated from the Russian] Istoriia, uchebnik dlia 9 i 10 klassov srednei shkoly. Perevod s russkogo. Kishinev, Izdatel'stvo "Kartia moldoveniaske," 1963. 308 p. [In Moldavian]

YANKOV, I. V. [Subject and methods of educational research] Ob"ekt i metodika issledovanii. Moskva, Izd-vo Akad. pedagog. nauk RSFSR, 1962. 148 p. illus.

9. MUSIC, THEATER & MOTION PICTURES

AIDEV, MURADEN. [Kasuli Maksatov. Translated from the Uzbek] Kasuli Maksatov. Tashkent, Gosizdat. Uzbekskoi SSSR, 1960. 44 p.

[AMATEUR ART ACTIVITIES; a repository collection] Materialy samodeiatel'nogo iskusstva. [Russian] Izd-vo Leningradskogo universiteta. 1960. 158 p.

BERGOVSKII, M. IA. [Yiddish folk songs] Evreiskie narodnye pesni. Pod obshchei red. B. V. Asafieva. Moskva, Izd-vo "Sovetskii kompozitor," 1962. 350 p.

BOGANOVA, V. N. [A Bashkir ballet] A. Bakhtiiarov. Moskva, Izd-vo "Sovetskaia Rossiia," 1962. 133 p. (Biblioteka "Khudozhestvennaia samodeiatel'nost'," no. 29)

CHERNYSH, KORNEI, comp. [For children; popular collection for amateur art groups of children] Detiam, pesni dlia detskikh khudozhestvennoi samodeiatel'nosti. Moskva, Gos. Izd-vo "Iskusstvo," 1963. 215 p.

[COMRADE COMMUNIST YOUTH LEAGUE] Tovarishch kommunal, shkoli. Moskva, Izd-vo "Molodaia gvardiia," 1962. 144 p. (Rashid pra dukh)

[DANCES] Dejas. [Jelgava] Izd. Melngalvja tautu makslas komat, 1961. 109 p. [In Latvian]

DARAGAN, D. G. Andrei Eshpai. Moskva, Sovetskii kompozitor, 1960. 10 p. (Molodye kompozitory Sovetskogo Soiuza, 1)
(MH)

GIPPIUS, I. [Some of the Volga boatmen" and "Dubinushka", a history of the songs] "I, dubinushka, i "Dubinushka", istoriia pesen. Moskva, Sovetskii kompozitor, 1962. 71 p. (V pomoshch' samodeiatel'nym khudozhestvennym kollektivam Gor'kogo, Penzy i muzyke)

GOLOVINSKII, G. I. [Coupled, variation, and rondo forms] Kopilennaia, variatsionnaia formy i formy rondo. Leningrad, Muzyka, 1962. 71 p. (V pomoshch' samodeiatel'nym khudozhestvennym kollektivam Gor'kogo, Penzy i muzyke)

GOROKHOVICH, I. F., comp. [We love to sing, popular songs of the Pioneers] My liubim petʹ, populiarnye pionerskie pesni. Perevodi. Moskva, Sovetskii kompozitor, 1962. 71 p.

[HAPPY NEW YEAR; repository collection] S novym godom; repertuarnyi sbornik. Moskva, Vsesoiuznyi, 1963. 167 p.

HRINCHENKO, MYKOLA. [History of Ukrainian music] Istoriia ukrains'koi muzyky. 2. vyd. New York, Ukrains'kyi muzychnyi in-t v Ridnii Batku, 1961. 191 p. (full)

IARUSOVSKII, B. M. Chaikovskii. 2. izd. Moskva, Gos. muzykal'noe izd-vo, 1961. 47 p.
(MH)

IOFFE, V. S. [About the art of motion pictures] O kinoiskusstve; lektsionnye. Moskva, Izd-vo Akad. nauk SSSR, 1962. 301 p.

KUDRIA, A. A. Semen Kuliashov. Moskva, Sovetskii kompozitor, 1962. 30 p. (Narodnye pevtsy i muzykanty)

KOPADZE, G. M., comp. [Georgian motion pictures, 1921-1961] Gruzinskie kinofilʹmy, 1921-1961. Tbilisi, Sabchota Sakartvelo, 1961. 1 v. (chiefly illus.)
(MH)

LOVALIV, B. P. [History of the Ukrainian cinema] Istoriia ukrains'koho kina. New York, Ridnoe slovo vydavnycha in-t, Obiednannia, [1962]. 271 p. (UBR/Ridnoe slovo vydavnycha in-t, no. 7) [With summary in English]
(U U)

KRYZHITSKII, G. E. [Carol reformer of the stage, commemorating the centennial of the birth of L. S. Sinelʹnikovskii, 1861-1961] Velikii reformator sceny, k stoletiiu so dnia rozhdeniia L. S. Sinelʹnikova, 1861-1961. Moskva, Izd-vo "Sovetskaia Rossiia," 19 p. (Biblioteka "Khudozhestvennaia samodeiatel'nost'," no. 30)

KUZNETSOV, P. N. [Notebook for the actor, notes of work and study cycle] Dorozhnaia tetradʹ, zametki truda i ucheby. Almaty, Kaz. gosizdat, 1961. 141 p.
(MH)

[LABOR IS THE BRIGHT OF THE WORLD, a thematic collection] Trud - vladyka mira, tematicheskii sbornik. Moskva, Sovetskaia Rossiia, 1962. 263 p. (Biblioteka "Khudozhestvennaia samodeiatel'nost'," no. 33)

LENINGRAD. GOSUDARSTVENNAIA KONSERVATORIIA. [The Leningrad Conservatory in reminiscences, 1862-1962] Leningradskaia konservatoriia v vospominaniiakh, 1862-1962. Leningrad, Muzyka, 1962. 434 p.

[LITERARY EPOCH] Literaturnoe nasledstvo. Erevan, Izd-vo AN Armianskoi SSR.
Vol. 3. Spendiarov, A. A. [Letters] Pis'ma. 1962. 661 p.

LUKIN, B. B., and F. F. SHARIMANOV. [Fate of a man, a scenario adapted from the story by Mikhail Sholokhov] Sudʹba cheloveka; stsenarii po rasskazu Mikhaila Sholokhova. Moskva, Iskusstvo, 1962. 90 p. illus. (Biblioteka kinodramaturgii)

MARTYNOV, I. I. [D. Shostakovich, a portrait of a creative artist] D. Shostakovich, tvorcheskii portret. Moskva, Sovetskaia Rossiia, 1962. 85 p. (Biblioteka khudozhestvennoi samodeiatel'nosti, no. 39)

MUSIC IV, I. V., and G. IA. ZHDELʹMAN, eds. [Soviet Peoples, 1945-1960, artistic and instructional] Sovetskii Prokofʹev, 1945-1960, stat'i i materialy. Moskva, Vses. Izd-vo "Sovetskii kompozitor," 1962. 382 p.

[OPERA IN BULGARIA] Operata v Bulgariia. Sofii, Izd-vo Bulgarska muzika, 1962. 1 v. (chiefly illus.)

[PUPPET THEATER IN THE U.S.S.R., 1959-1960] Teatr kukol'nyi, 1959-1960. Moskva, Soiuznoe tsentral'noe Moskovskoe otdelenie Teatra kukol, 1961. 196 p.

RAABEN, L. N. [Leopold Semenovich Auer, a study of his life and work] Leopold Semenovich Auer; ocherk zhizni i deiatel'nosti. Leningrad, Gos. muzykal'noe izd-vo, 1962. 170 p.

SHIRSKII, V. F. Serafim Pulikov. Moskva, Sovetskii kompozitor, 1962. 30 p.

SOLLERTINSKII, I. I. Berlioz. Moskva, Muzyka, 1962. 70 p. (Biblioteka kabinetia muzyki)

SOLLERTINSKII, I. I. [Meyerbeer] Meierbeer. Moskva, Muzgiz, 1962. 94 p. (Biblioteka kabinetia muzyki)

SOLOVTSOVA, L. A. [G. Verdi's "Aida."] "Aida" Dzh. Verdi. Moskva, Gos. muzykal'noe izd-vo, 1963. 71 p. (Putevoditelʹ po operam)

[SOVIET COMPOSERS, RECIPIENTS OF LENIN PRIZE.] Sovetskie kompozitory - laureaty Leninskoi premii. Leningrad, Muzgiz, 1961. 136 p.

SPIPANOVA, L., comp. [Duets] Duety. Moskva, Izd-vo "Sovetskaia Rossiia," 1962. 140 p. (Biblioteka "Khudozhestvennaia samodeiatel'nost'," no. 36).

SVESHNIKOV, A. V. [Choral singing in Georgian folk art] Khorovoe penie v gruzinskom narodnom iskusstve. [Moskva] Izd-vo "Molodaia gvardiia," 1963. 208 p.

TALANOV, A. V. Lavrentiev. Moskva, Izd-vo "Molodaia gvardiia," 1963. 230 p. (Zhizn' zamechatelʹnykh liudei, Seriia biografii, no. 14 [345])

VACHNADZE, M. A. [Viktor Dolidze, a study] Viktor Dolidze, ocherk. Tbilisi, Izd-vo Sabchota pioneri Gruzii "Ziaia Vostoka," 1961. 63 p.

YURKOV, G. V. [The Dovzhenko Motion Picture Studio in Kiev, a study] Kytivs'ka khudozhnia kinostudiia imeni O. Dovzhenka, narys. Kyiv, Derzh. vydvo obrazotvorchoho mystetstva i muzykoznavstva URSR, 1961. 78 p.

10. FINE ARTS

ADRAMOVA, A. V. Lidiia Fedorovna Rudchenko. Leningrad, Khudozhnik RSFSR, 1962. 14 p. illus., col. plates.
(MH)

AKADEMIIA KHUDOZHESTVA SSSR. Institut teorii i istorii izobrazitelʹnykh iskusstv. [Russian decorative art in three volumes] Russkoe dekorativnoe iskusstvo v trekh tomakh. Pod red. A. I. Leonova. Moskva, Izd-vo Akad. khudozh. SSSR.
Vol. 1. [Russian decorative art from the earliest times to the 18th century] Russkoe dekorativnoe iskusstvo ot drevneishego perioda do XVIII v. 1962. 362 p.

AKADEMIIA ARKHITEKTURY SSSR. Institut ekonomiki, organizatsii i mekhanizatsii stroitelʹstva. [History of Russian art] Istoriia russkogo iskusstva. [Otvet. red. A. L. Kogan-ovich] Moskva, Izd-vo Akad. khudozh. SSSR, 1961. 311 p. illus.
(WU)

AKADEMIIA ARKHITEKTURY SSSR. Institut gradostroitelʹstva i rabochei planirovki. [Russian planning and city planning abroad] Opyt rabochei planirovki i gradostroitelʹstva za rubezhom; sbornik. Moskva, Gosstatizdat, 1962. 159 p.

AKADEMIIA ARKHITEKTURY SSSR, Institut teorii i istorii arkhitektury i stroitelʹnoi tekhniki. [History of Soviet architecture, 1917-19?] Istoriia sovetskoi arkhitektury, 1917-1958. Moskva, Gosstroiizdat, 1962. 345 p.

[ARCHAEOLOGY OF THE U.S.S.R.; survey of archaeological sources] Arkheologiia SSSR; svod arkheologicheskikh istochnikov. Pod obshchei red. B. A. Rybakova. Moskva, Izd-vo Akad. nauk SSSR.
No. A4-5. Abramova, Z. A. [Paleolithic art in the territory of the U.S.S.R.] Paleoliticheskoe iskusstvo na territorii SSSR. 1962. 84 p. plates.

BAITUS, P K Pavel Ivanovich Bondarenko, Leningrad, Khudozhnik RSFSR, 1961 36 plates.
(MH)

BAVCHICH, A V [Anatolii Pavlovich Levitin, an album of his works] Anatolii Pavlovich Levitin, al'bom proizvedenii Leningrad, Khudozhnik RSFSR, 1961 22 p 21 plates
(MH)

BOGOVA, K V [Russian embroidery with pearls in the 16th to 17th centuries] Russkoe shit'e zhemchugom XVI-XVII vv. Moskva, Iz-vo Akad khudozh SSSR, 1962 43 p (Muzei Moskovskogo Kremlia)

EESTI NSV KUNSTNIKE LIIT. [Art exhibition of the republic dedicated to the 22d Congress of the CPSU, a catalog] NLKP XXII kongressile pühendatud vabariikli kunstinäitus, katalog. Tallinn, 1961. 49 p. ill p. [Parallel texts in Estonian and Russian]

GLOBACHEVA, S I Dmitrii Konstantinovich Mochal'skii Leningrad, Khudozhnik RSFSR, 1962 49 p ill s
(MH)

GORINA, T.N., comp. [Nikolai Nikolaevich Ge, an album of reproductions] Nikolai Nikolaevich Ge, [al'bom reproduktsii] Moskva, Izogiz, 1961. [16] p plates (Mastera russkogo iskusstva)
(MH)

GRODENSKII, G.P. [E. Charushin, an account of his life and works] E. Charushin, kritiko-biograficheskii ocherk. Leningrad, Detgiz, 1962. 46 p.
(MH)

GVERDTSITELI, R Mtskheta Tbilisi, Gos. izd-vo 'Sabchota Sakartvelo," 1962 [17] p. illus.

IVANOVA, T D [Urii Vladimirovich Voroushin Leningrad, Khudozhnik RSFSR, 1962 15 p illus, plates (Khudozhniki Rossiiskoi Federatsii Tula)
(MH)

KAMENETS-PODOL'SKIY. DERZHAVNYI ISTORYCHNYI MUZEI-ZAPOVIDNYK. [Brief guidebook to the Kamenets-Podol'skiy State Historical Museum and Preserve] Korotkyi putivnyk. Kam'ianets'-Podil's'kyi, Khmel'nits'ke oblasne upravlinnia kul'tury, 1959. 27 p

KAPITSA, L. L. [The ancient city of Peiping, notes of an architect] Drevnii gorod Pekin, zametki arkhitektora. Moskva, Izd-vo "Znanie," 1963. 47 p. (Novoe v zhizni, nauke, tekhnike. VI Serila Literatura i iskusstvo, no. 24)

KIEV DERZHAVNYI MUZEI UKRAINS'KOHO MYSTETSTVA. [Exhibition of works by Ukrainian artists of the 19th and beginning of the 20th century (from private collections in Kiev), a catalog] Vystavka tvoriv ukrains'kykh khudozhnykiv XIX - pochatku XX stolittia (z pryvatnykh zbirok m. Kyieva, katalog. Kyiv, Derzh vyd-vo obrazotvorchoho mystetstva i muzychnoi lit-ry URSR, 1959 29 p. illus.

KIEV DERZHAVNYI MUZEI UKRAINS'KOHO MYSTETSTVA [Guide to the Kiev State Museum of Ukrainian Art] Putivnyk Kyiv, Derzh vyd-vo obrazotvorchoho mystetstva i muzychnoi lit-ry URSR, 1960 215 p.

KIRILLOVA, L. I. [New building materials and architectural form] Novye stroitel'nye materialy i arkhitekturnaia forma. Moskva, Gosstroiizdat, 1962. 126 p.

KOVALENKO, D. P. [Smolensk tomorrow] Smolensk zavtra. [Smolensk] Smolenskoe knizhnoe izd-vo, 1961. 40 p.
[MICROFILM]

KUKRYNIKSY, pseud. [Playing with fire; [caricatures.] Igra s ogniem, [karikatury]. Moskva, Pravda, 1961. 1 v.
(MH)

LIBMAN, M. IA. Donatello, Moskva, Gos. izd-vo "Iskusstvo," 1962. 250 p.

LIETUVOS TSR MOKSLU AKADEMIJA, Vilna. Statybos ir architekturos institutas. [Problems of domestic architecture] Gyvenamuju namu statybos klausimai; moksliniu straipsniu rinkinys. Vilnius, Valstybine politines ir moksliines literaturos leidykla, 1962. 187 p. [In Lithuanian]

OSIPOV, L. G., and others. [The architecture of public and industrial buildings] Arkhitektura grazhdanskikh i promyshlennykh zdanii. Pod obshchei red. L. G. Osipova. Moskva, Gosstroiizdat, 1962. 334 p.

POLEVOI, V. M. Kuprin. Moskva, Iskusstvo, 1962, 46 p. plates.
(MH)

RAZUMOVSKAIA, S. V Aleksei Il'ich Kravchenko. Moskva, Sovetskii khudozhnik, 1962. 257 p.
(MH)

REPIN, I E [Il'ia Efimovich Repin, an album of reproductions] Il'ia Efimovich Repin, al'bom reproduktsii [Leningrad?] Gos izd-vo izobraz. iskus., 1961 13 p, 24 col. plates.
(C)

REPINO. MUZEI-USAD'BA I. E REPINA "PENATY." [I E Repin's country house-museum "Penates"] Muzei-usad'ba I. E. Repina "Penaty" Moskva, Izd-vo Akad khudozh. SSSR, 1962. 15 p

ROTACH, A. L. [St. Isaac's Cathedral; an outstanding monument of Russian architecture] Isaakievskii sobor vydaiushchiisia pamiatnik russkoi literatury. Pod red. V. I. Piliavskogo. Leningrad, Ob-vo po raspr. polit. i nauchn. znanii RSFSR, 1962. 55 p. illus.

ROTOV, K. P. Konstantin Pavlovich Rotov. Moskva, Sovetskii khudozhnik, 1961. 31 l. (chiefly illus.)
(MiU)

SAVCHENKO, G., and S. KHAIT. [Bendery, a plan for the future] Bendery, prospekt. Kishinev, Kartia moldovenaske, 1962. 39 p. illus.
(MiU)

SKOROV, B. M. [Industrial buildings; fifth lecture in a course on architecture for students in the construction department] Promyshlennye zdaniia; lektsiia piataia po kursu arkhitektury dlia studentov stroitel'nogo fakul'teta. Moskva, Vses. zaochnyi politekhn. in-t, 1960. 27 p.

ZAKARPATS'KA OBLASNA KARTINNA GALEREIA. [Guide to the Transcarpathian Province Gallery of Paintings] Putivnyk po Zakarpatskii oblasnii kartinnii galerei. Uzhorod, Zakarpats'ke obl. vyd-vo, 1958. 133 p.

11. LANGUAGE, LITERATURE & FOLKLORE

[ABKHAZIAN STORIES; a collection. Translated from the Abkhazian] Abkhazskie rasskazy; [sbornik. Red. N. I. Golosovskaia] Moskva, Sovetskii pisatel', 1962. 236 p.
(MH)

ABRAMOV, K. G. [The forest is still murmuring; a novel] Les shumet' ne perestal; roman. Moskva, Sovetskaia Rossiia, 1961. 381 p.
(MH)

ABRAMOV, P. M. [Nikifor Kashcheev, (a tale of Cossack life)] Nikifor Kashcheev; [povest' iz kazach'ei zhizni. Paris] Izd. Rodimogo Kraia, 1961. 107 p.
(MH)

AGAIAN, GAZAROS, [Collected works in four volumes. Sobranie sochinenii v 4-kh tomakh. Erevan, Armianskoe gos. izd-vo [In Armenian]
Vols. 1-2, 1962.

AHNIATSVET, EDZI. [White Russian mountain ash; verse] Belorusskaia riabina; stikhi. Moskva, Sovetskii pisatel', 1962. 99 p.
(MH)

AKADEMIIA NAUK KAZAKHSKOI SSR, Alma-Ata. Institut iazyka i literatury. [Kazakh tales. Translated from the Kazakh] Kazakhskie skazki. Sost. i red. V. S. Sidel'nikova. Alma-Ata, Kazakhskoe gos. izd-vo khudozh. lit-ry.
Vol. 2. 1962. 447 p.

AKADEMIIA NAUK MOLDAVSKOI SSR, Kishinev. Institut iazyka i literatury. Otdel fol'klora i istorii iskusstv. [Friendship of peoples as reflected in folklore] Druzhba narodov, otrazhennaia v fol'klore. Kishinev, Shtiintsa, 1961. 130 p. [In Moldavian and Russian]
(MH)

AKADEMIIA NAUK SSSR, Institut mirovoi literatury. [Principles of textual criticism] Osnovy tekstologii. Pod red. V. S. Nechaevoi. Moskva, Izd-vo Akad. nauk SSSR, 1962. 407 p.

AKADEMIIA NAUK SSSR, Institut mirovoi literatury. [Theory of literature; the basic problems in a historical interpretation. Image, method, character] Teoriia literatury; osnovnye problemy v istoricheskom osveshchenii. Obraz, metod, kharakter. Moskva, Izd-vo Akad. nauk SSSR, 1962. 450 p.

AKADEMIIA NAUK SSSR. Institut russkogo iazyka [Correct Russian usage, difficult instances of [illegible] word usage in modern Russian] Pravil'nost' russkoi rechi, trudnye sluchai sovremennogo upotrebleniia. Opyt slovaria-spravochnika. Pod red S I Ozhegova. Moskva, Izd-vo Akad. nauk SSSR, 1962 183 p.

AKADEMIIA NAUK UZBEKSKOI SSR, Tashkent. Institut iazyka i literatury. [Uzbek riddles] Uzbek khalk topishmoklari. Nazirga tayerlovchi Zubaidakhon Nazarova. Toshkent, UzSSR davlat badiiy adabiet nashriyoti 1961. 65 p. [In Uzbek]

ALEKSEEV, N. [Akov Zheleznov, a novel] Akov Zheleznov, roman. Moskva, Sovetskii pisatel', 1962 297 p.
(CU)

ALGA, ALEKSANDR. [On the new Volga, verses. Translated from the Chuvash] Na novoi Volge; stikhi. Moskva, Sovetskii pisatel', 1961. 94 p.
(MH)

'ALI SHIR, Mir, called at-NAWA'I. [Farkhad and Shirin. Translated from the Uzbek] Farkhad i Shirin [Predisl. i prim. I. E. Bertel's] Tashkent, Goslitizdat, 1957. 389 p.
(MH)

ALIMDZHAN, KHAMID. [Selected works] [Izbrannye proizvedeniia. Tashkent, Akad. nauk UzSSR], 1959. 181 p. (Biblioteka klassikov uzbekskoi literatury) [In Uzbek]
(MH)

AL'NIKIN, N. V. [Rhymed lines; Cossack duma, one of the motherland, 1915-1927] Rifmovannye kroki; kazakh'i dumy, pesni o Rodine, 1915-1927 [illegible]. Paris, 1960. 96 p.

AL'NIKIN, N. V. [Summon to arms; a mournful, but glorious epic of the Don Cossacks, 1917-1920. Rhymed lines (continuation)] Spoloki; pechal'naia, no slavnaia epopeia Donskogo Kazachestva, 1917-20-kh godov. Rifmovannye kroshki (prodolzhenie) Paris, 1961. 62 p.

ANDRIAN, B. [Doomed; a novel in verse] Obrechennye, roman v stikhakh. [Montreal, 1961]. 277 p.
(NN)

ANTONOV, I. Z. [Frosh wind; sketches. Translated from the Mordvinian] Svezhii veter, ocherki. Moskva, Sovetskii pisatel', 1960. 201 p.
(CLU)

ARAKIN, V. D., Z. B. VYGODSKAIA, and N. N. ILI'INA, comps. [English-Russian dictionary. Approximately 34,000 words] Anglo-russkii slovar'. Okolo 34 000 slov. Izd. 4., ispr. i dop. Moskva, Gos. izd-vo inostr. i natsional'nykh slovarei, 1962. 989 p.

ARZHAK, NIKOLAI. [Moscow is speaking, a tale] Govorit Moskva; povest'. Washington, D. Kliuyev, 1962. 61 p

ASANOV, N. A. [Flowers should not be trampled upon, a tale] Ne nado toptat' tsvety; povest'. Moskva, Izd-vo "Pravda," 1962. 61 p. (Biblioteka "Ogonek," no. 46)

ASEEV, N. N. [Discussion on poetry] Razgovor o poezii. Moskva, Izd-vo "Sovetskaia Rossiia," 1962. 93 p. (Bibliotechka sel'skogo klubnogo rabotnika, no. 8)

ASTAKHOV, V. G. [G. V. Plekhanov and N. G. Chernyshevskii; the methodological basis of Plekhanov's evaluation of Chernyshevskii's theory of literature and aesthetics] G. V. Plekhanov i N. G. Chernyshevskii; o metodologicheskikh osnovakh plekhanovskoi otsenki literaturno-esteticheskoi teorii Chernyshevskogo. Stalinabad, Tadzhikskii gos. univ., 1961. 343 p.
(MH) (CaOTU)

ATANELISHVILI, G. S. [Textbook of Latin; for students at a medical institute. Uchebnik latinskogo iazyka, dlia studentov meditsinskogo instituta. Tbilisi, Gos. izd-vo uchebno-pedagog. lit-ry "Sabchota," 1962, 353 p. [In Georgian]
(DNLM)

AVILOV, M. A. [Everlasting flower; verse] Bessmertnik; stikhi. [Rostov-na-Donu] Rostovskoe knizhnoe izd-vo, 1961. 65 p.
(MH)

AZHAEV, V. N. [Far from Moscow; a novel] Daleko ot Moskvy; roman. Moskva, Gos. izd-vo khudozh. lit-ry, 1957. 715 p.
(InU)

AZHAEV, V.N. [Far from Moscow, a novel] Daleko ot Moskvy; roman. Moskva, Gos. izd-vo khudozh. lit-ry, 1961. 708 p.
(GU) (ICU)

AZIMOV, P. ed [Orthographic dictionary of the Turkmen language] Turkmen dilinin orfografik sozlugi; 2-nzhi neshir. Ashgabat, Turkmenistan devlet okuv-pedagogik neshiriatv] 1962. 374 p. [In Turkmen]

BAG, E.IA., N.A.NECHAEVA, and E.S.IARALOVA. [Textbook of the English language for evening school faculties and departments of higher technical institutions] Uchebnik angliiskogo iazyka dlia vechernikh fakul'tetov i otdelenii vysshikh tekhnicheskikh uchebnykh zavedenii. Izd. 2., ispr. i dop. Moskva, Vysshaia shkola, 1962. 204 p.

BAKLANOV, G.IA. [The dead are not ashamed; a tale] Mertvye sramu ne imut; povest'. Moskva, Sovetskii pisatel', 1962. 102 p.
(MH) (MiU)

BALDAEV, S.P. [Selected works] Izbrannoe. Ulan-Ude, Buriatskoe knizhnoe izd-vo, 1961. 254 p.

BALEHA, IURII. [Literature of Transcarpathia during the 1920's and 1930's] Literatura Zakarpattia dvadtsiatykh-tridtsiatykh rokiv XX stolitta. Kyiv, Radians'kyi pys'mennykh, 1962. 244 p.

BALLY, CHARLES. [French stylistics Translated from the French] Frantsuzskaia stilistika. Pod red. E.G. Etkinda. Vetup. stat'ia R.A. Budagova. Moskva, Izd-vo inostr. lit-ry, 1961. 393 p.
(NjP)

BARAMIDZE, G.R., and I.L.SIKHARULIDZE. [Georgian literature. Rodnaia literatura, uchebnik dlia VI klassa, Tbilisi, Gos. izd-vo uchebno-pedagog. lit-ry "TSodna,"] 1962, 209 p. [In Georgian]

BARONIAN, HAGOP H. [Collected works in ten volumes] Sobranie sochinenii v desiati tomakh. Erevan, Izd-vo AN Armianskoi SSR. [In Armenian]
Vol. 1. 1962. 463 p.

BASINA, M.IA. [There, where the groves of Mikhaylovskoye rustle] Tam, gde shumiat mikhailovskie roshchi Leningrad, Detgiz, 1962. 238 p.

BAUKOV, I.P. [The ice is drifting; verse and a poem] Led idet; stikhi i poema. [Moskva] Molodaia gvardiia, 1961. 142 p.
(MH)

BEBUTOV, G.V. [Gymnasium; Vladimir Maiakovskii's school years] Gimnaziia; uchenicheskie gody Vladimira Maiakovskogo. Tbilisi, Izd-vo Soiuza pisatelei Gruzii "Zaria Vostoka," 1962. 213 p.

BELODED, I.K. [The Russian language as the lingua franca of the community of peoples in the U.S.S.R.] Russkii iazyk - iazyk mezhnatsional'nogo obshchenila narodov SSSR. Kiev, Izd-vo Akad. nauk USSR, 1962. 33 p.

BENASHVILI, D.G. [Life and works of Konstantin Gamsakhurdia. Zhizn' i tvorchestvo Konstantine Gamsakhurdia. Tbilisi] 1962. 70 p. [In Georgian]

BEREZHAN, S., and N.PECHEK, eds. [Explanatory dictionary for students] Diktsionar e eksplikativ shkolar. Kishinev, Kartia moldovenieske, 1961. 441 p. [In Moldavian]

BERKOV, P.N. [International cooperation of Slavists and problems in the organization of a bibliography of Slavic studies] Mezhdunarodnoe sotrudnichestvo slavistov i voprosy organizatsii slavianovedcheskoi bibliografii. Moskva, Akad. nauk SSSR, 1958. 31 p. (IV Mezhdunarodnyi s"ezd slavistov. Soobshchenila)
(NNC)

BERSHADSKII, R.IU. [I love! I hate; stories] Liubliu! Nenavizhu; rasskazy. Moskva, Sovetskaia Rossiia, 1962. 82 p. (Korotkie povesti i rasskazy)
(MH)

BIRZNIEKS-UPITIS, ERNESTS. [Collected works in seven volumes] Kopoti raksti septinos sejumos. Riga, Latvijas Valsts izdevnieciba. [In Latvian]
Vol. 5. 1962. 572 p.

BLAGOV, IU.N. [Speaking entre nous; satirical verse] Mezhdu nami govoria; satiricheskie stikhi. Moskva, Sovetskii pisatel', 1962. 109 p.
(MH)

BOBEV, PETR. [White sea pilot; a tale. Translated from the Bulgarian] Belyi lotsman; povest'. Sofia, Izd-vo lit-ry na inostr. iazykakh, 1962. 123 p.

BOGDANOV, M.B. [Serbian satiric prose at the end of the 19th and beginning of the 20th century and some problems of satiric theory] Serbskaia satiricheskaia proza kontsa XIX veka - nachala XX veka i nekotorye voprosy teorii satiry. Moskva, Izd-vo Akad. nauk SSSR, 1962. 149 p.

BONDAREVA, E.M. [Restless heart; a comedy in three acts] Bespokoinoe serdtse; komediia v trekh deistviiakh. Moskva, Sovetskaia Rossiia, 1962. 68 p. (Bibliotechka "Khudozhestvennaia samodeiatel'nost', no. 28)

BORSHOSH-KUM'IATS'KYI, IU.V. [Play, O shepherd's pipe; verse] Igrai, trembita, stikhi. Moskva, Sovetskii pisatel', 1962. 92 p.
(MH)

BRATUN', R.A. [Time of love, lyric poetry] Pora liubovi, liryka. L'viv, Knyzhkovo-zhurnal'ne vyd-vo, 1960. 90 p.

BREGOVA, D [Road of quests, Dostoevskii's youth. A novel] Doroga iskanii, molodost' Dostoevskogo. Roman. Moskva, Sovetskii pisatel', 1962. 513 p.

BRONIEWSKI, WLADISLAW. [Selected works. Translated from the Polish] Izbrannoe. Moskva, Izd-vo inostr. lit-ry, 1961. 302 p.
(CLU)

BUKHSHTAB, B.IA., ed [Poets of the 1840's and 1850's] Poety 1840-1850-kh.godov. Moskva, Sovetskii pisatel', 1962 566 p. (Biblioteka poeta. Malaia seriia 3. izd.)

BULATOV, M. [Master of the winds; folk tales of the R.S.F.S.R.] Khoziain vetrov, skazki narodov RSFSR. Ris. I.Kuznetsova. Moskva, Gos. izd-vo detskoi lit-ry, 1960. 231 p. illus.
(MiDW)

BULGAKOV, M.A. [Plays] P'esy. Moskva, Izd-vo "Iskusstvo," 1962. 480 p.

BUTOVSKAIA, S.G. [City on fire; a tale] Gorod v ogne; povest'. [Kaliningrad] Kaliningradskoe knizhnoe izd-vo, 1961. 99 p.
(MiU)

CHECHEL'NITSKAIA, G. [Friedrich Schiller, 1759-1805] Fridrikh Shiller, 1759-1805. Leningrad, Iskusstvo, 1959. 195 p. (Klassiki zarubezhnoi dramaturgii)
(IEN)

CHEOKURIAN, TIGRAN. [The monastery. Monastyr'. Erevan, Armianskoe gos. izd-vo] 1962. 178 p. [In Armenian]

CHEREMIN, G.S. [Early stage of Maiakovskii's career; the poet's road to the Great October Socialist Revolution] Rannii Maiakovskii; put' poeta k Oktiabriu. Moskva, Izd-vo Akad. nauk SSSR, 1962. 187 p.

CHUKOVSKII, K.I. [Doctor Doolittle. (An adaptation of Hugh Lofting's story.) Doktor Aibolit (Po G'iu Loftingu.) [Gor'kii] Gor'kovskoe knizhnoe izd-vo, 1960. 118 p.
(MiDW)

[COLLECTED EXERCISES IN THE RUSSIAN LANGUAGE] Sbornik uprazhnenii po razvitiiu russkoi rechi; uchebnoe posobie dlia studentov Azerbaidzhanskogo sektora vuzov. Baku, Azeruchpedgiz, 1962. 161 p.

ĆOPIĆ, BRANKO. [Stories. Translated from the Serbo-Croatian] Rasskazy. Moskva, Izd-vo "Pravda," 1962. 60 p. (Biblioteka "Ogonek," no. 48)

DEDIUKHIN, V.A. [At the ford, a comedy in one act] U perepravy; komediia v odnom deistvii. Moskva, Sovetskaia Rossiia, 1962. 22 p. (Bibliotechka "Khudozhestvennaia samodeiatel'nost'," no. 24)

DEMENT'EV, N.S. [I enter life; a tale] Idu v zhizn'; povest'. Leningrad, Sovetskii pisatel', 1959. 214 p.
(LU)

DIETL, JAROSLAV. [Baron Kaplan; a comedy. Translated from the Czech] Baron Kaplan; komediia. Moskva, Iskusstvo, 1962. 28 p. (Repertuar khudozhestvennoi samodeiatel'nosti, 7)
(MH)

DIUSEMBAEV, I.T., ed. [Collected works of Kazakh poet-improvisers of the end of the 18th and the 19th centuries] XVIII - XIX gasyrlardagy kazak akyndary shygarmalarynyn zhinagy. Almaty, Kazak SSR gylym akad. baspasy, 1962. 419 p. [In Kazakh]

DMITREVSKII, VL., and BORIS CHETVERIKOV. [We are peace-loving people, a novel] My mirnye liudi; roman. [Leningrad] Lenizdat, 1960. 581 p.

DMITRIEV, A.S. [Heinrich Heine, an account of his life and works] Genrikh Geine, kritiko-biograficheskii ocherk. Moskva, Gos. uchebno pedagog. izd-vo, 1957. 110 p.
(CoU)

DOBIN, E.S. [Hero. Plot. Detail.] Geroi. Siuzhet. Detal'. Moskva, Sovetskii pisatel', 1962. 407 p.

DOLGOV, V.A. [K.V. Ivanov, the Chuvash peoples' poet] Chuvashskii narodnyi poet K.V. Ivanov. [2. izd.] Cheboksary, Chuvashgosizdat, 1961. 145 p. [In Chuvash]
(MH)

DOLMATOVSKII, E.A [Africa has the shape of a heart, a book of verse] Afrika imeet formu serdtsa; kniga stikhov. [Moskva] Molodaia gvardiia, 1961. 158 p.
(MH)

DRUZHININ, V.N. ["The postman comes to you," and other tales] "K vam idet pochtal'on," i drugie povesti. [Leningrad] Lenizdat, 1962. 558 p.
(MH)

DUROVA, N.IU. [The great "Malyshka" Theater] Bol'shoi teatr "Malyshka." [Moskva] Izd-vo "Molodaia gvardiia," 1962. 166 p.

DZHAFAROV, D.A. [Mirza Fatali Akhundov. Baku, Azernesir, 1962. 28 p. In Arabic]

DZHALIL', MUSA. [Works. Translated from the Tatar] Sochineniia. Kazan', Tatarskoe knizhnoe izd-vo, 1962. 696 p.

EMIN, G.G. [Two roads. Dve dorogi. Erevan, Armianskoe gos. izd-vo] 1962. 319 p. [In Armenian]

[ENGLISH-KAZAKH DICTIONARY; 5,300 words] Anglo-kazakhskii slovar', 5,300 slov. Posobie dlia srednei shkoly. [By] S.G. Akhmetova. Moskva, Gos. izd-vo inostr. i natsional'nykh slovarei, 1960. 303 p.

ESENIN, S.A. [Lyric poems Translated from the Russian] Luurika Koostanud A Sang Tallinn, Ajalehtede-Ajakirjade Kirjastus, 1962. 70 p. ("Loominguˇ Raamatukogu, no. 51(267)) [In Estonian]

FAKTAROVICH, D. [Soviet White Russian literature in foreign countries] Belaruskaia savetskaia literatura za miazhoi. Minsk, Dziarzh. vyd-va BSSR, 1961. 89 p.
(MH)

FARADZHEV, A.A., comp. [Concise linguistic dictionary] Mukhtesar dilchilik lugeti. Baky, Azeriedrisneshr, 1960. 150 p. [In Azerbaijani]

FATNEV, IURII. [The loved, verse] Liubimoe; stikhi. Alma-Ata, Kazgosilitizdat, 1962. 50 p.

FEDOROV, R.F. [Working people; sketches] Rabochie liudi; ocherki. [Leningrad] Lenizdat, 1960. 282 p. (Nashi sovremenniki)
(KU)

FILIN, F.P. [Language development of the Eastern Slavs] Obrazovanie iazyka vostochnykh slavian. Moskva, Izd-vo Akad. nauk SSSR, 1962. 293 p.

FOLOMKINA, S.K., and G.M.UAIZER, comps. The learner's English-Russian dictionary for English-speaking students. Approximately 3,500 words. Moscow, State Publishing House of Foreign and National Dictionaries, 1962. 655 p.

FRAERMAN, R.I. [Fidget] Neposeda. Moskva, Detgiz, 1962. 62 p. (Kniga za knigoi)

FRANKO, IVAN. ["Lel' and Popel'; a modern tale] Lel' i Popel'; suchasna povist'. Kyiv, "Molod," 1961. 207 p.
(InU)

FRANKO, IVAN. [Secrets of poetical creation] Iz sekretiv poetychnoi tvorchosti [L'viv] Vyd-vo L'vivs'koho univ., 1961. 142 p. (Do 100-richchia z dnia smerti T.H. Shevchenka)
(MH)

FRANKO, IVAN. [Works] Tvory. New York, Vydavnyche T-vo "Knyhospilka."
Vol. 20. [From foreign literatures] Z chuzhykh literatur. 1962. 512 p.
_____ [Index to the twenty volumes of literary works by Ivan Franko] Pokazhchyk zmistu 20-tomnyka khudozhnikh tvoriv Ivana Franka. 48 p.

FRIED, JIŘI. [Time runs out Translated from the Czech] Ajahada Tallinn Ajalehtede-Ajakirjade Kirjastus, 1962 119 p ("Loominguʻ Raamatukogu no 42/43(258/259)) [In Estonian]

FURMANOV, D A. Chapaev Moskva, Voen izd-vo, 1954. 275 p
(OU)

FURMANOV, D A. [Chapaev, a novel] Chapaev, roman [Moskva, Gos izd-vo khudozh lit-ry, 1961] 340 p
(OU)

GAEV, A G [B L Pasternak and his novel "Doctor Zhivago "] B L Pasternak i ego roman "Doktor Zhivago " Munich, In-t po izucheniiu SSSR, 1959 24 p ["Otdel'nyi ottisk iz No 3(28) Vestnika Instituta po izucheniiu SSSR "]
(IEN)

GAI, M I [Hot spring, stories] Goriachii rodnik, rasskazy Moskva, Gos izd-vo detskoi lit ry, 1960 126 p illus
(MiDW)

GARNOVSKII, K V [The bear and the wind] Medved' i veter Moskva, Sovetskaia Rossiia, 1960 33 p.
(MiDW)

GLOTOV, V I. [His fault, a tale] Ego vina, [povest'], L'vov, Knizhno-zhurnal'noe izd-vo, 1961. 205 p.
(MH)

GONCHAROV, V M. [Eyes are revealing, verse] Glaza govoriat, stikhi. Moskva, Sovetskii pisatel', 1962, 99 p.

GORBUSHINA, L.A. [Testing in the Russian language] Kontrol'nye raboty po russkomu iazyku. Moskva, Uchpedgiz, 1954. 110 p.
(IEN)

GOR'KII, MAKSIM [On literature] O literature. Moskva, Goslitizdat, 1961. 611 p.
(PPiU)

GORNOSTAEV, GEORGII. [Two poems] Dve poemy. Moskva, Sovetskii pisatel', 1959. 121 p.
(MiU)

GRANIN, DANIIL. [Island of the young, stories about Cuba] Ostrov molodykh, rasskazy o Kube. [Leningrad] Lenizdat, 1962, 100 p.

GRIBACHEV, N. M. [I go; verse and poems] Idu; stikhi i poemy Moskva, Voen. izd-vo M-va oborony SSSR, 1962 157 p. (Biblioteka soldata i matrosa)
(CtY) (MH)

GRIBOEDOV, A.S. [Woe from wit; a comedy in four acts in verse] "Gore ot uma", komediia v chetyrekh deistviiakh v stikhakh. Moskva, Gos. izd-vo khudozh. lit-ry, 1961. 126 p.
(MWelC)

GRUSHASHVILI, I. [To young friends. Translated from the Georgian] Malen'kim druz'iam. Moskva, Detgiz, 1951. 1 v.

GUBAREVA, N., and V. TITOV. [Russian literature; a textbook-chrestomathy for the 7th grade of the Moldavian schools] Russkaia literatura, uchebnik - khrestomatiia dlia 7 klassa moldavskoi shkoly. Kishinev, Cartia moldoveniaske," 1962. 194 p.

[Good will remain] Ostanetsia dobro. Stalingradskoe knizhnoe

[Friendship; verse and translations] Druzhba; stikhi i perevody. [Voronezh] Voronezhskoe, 1961, 203 p.

[Translated from the English] Knizhnoe izd-vo, 1957. 254 p.

Geroi nashikh dnei. [Sost. Moskovskoe knizhnoe izd-vo, 1961]

[Breath; verse and a poem] Dykhanie; stikhi i poema Moskva, Sovetskii

HOTUR, IAROSLAV. [Olga, a tale of the German occupation of the Western Ukraine] Ol'ha, opovidannia z chasiv nimets'koi okupatsii Zakhidnoi Ukrainy. [Winnipeg] 1947. 47 p. (Desheva biblioteka Novoho shliakhu, pt. 2)
(IU)

IAKOVLEV, A.S. [Old Believer; a tale] Kerzhachka, povest'. [2. izd. Sverdlovsk] Sverdlovskoe knizhnoe izd-vo, 1962, 116 p.
(MH)

IAMPOL'SKYI, BORIS [Boy from Pigeon Street, a tale] Mal'chik s Golubinoi ulitsy; povest' Moskva, Sovetskii pisatel', 1962 346 p.
(CtY)

IAN, V.G. [To the "last sea", part three of an historical trilogy] K "poslednemu moriu"; chast' tret'ia istoricheskoi trilogii. [Kuibyshev] Kuibyshevskoe knizhnoe izd-vo, 1961. 311 p.

IANSHANSKIN, IU. [Fundamentals of Dungan orthography] Zhun-ian iūlandi shchefa liifu. Frunze, Khyrkhyzstan kūshchūë akademiia. 1960. 66 p. [In Dungan]

IKRAMOV, K.A. [Caravans move on while trails remain, a tale] Karavany ukhodiat - puti ostaiutsia, povest'. Tashkent, Goslitizdat UzSSR, 1962. 131 p

IL'IN, I. A. [The dark and the light; a book of literary criticism' Bunin, Remizov, and Shmelev] O t'me i prosvetlenii; kniga khudozhestvennoi kritiki Bunin, Remizov, Shmelev. Munich [Tip. Obiteli prep. Iova Pochaevskago], 1959. 196 p.
(IEN)

INFANT'EV, V N. [For continuing sevice, a tale] Dlia dal'neishego prokhozhdeniia sluzhby; povest'. Leningrad, Sovetskii pisatel', 1961. 205 p.
(IEN) (MH)

INHUL'S'KYI, P.M. [Benefactors; sketches] Dobrotvortsi; narysy. [L'viv] L'vivs'ke knizhkovo-zhurnal'ne vyd-vo, 1961. 130 p.

IUSUROV, KH. IU. [Epic songs common to the Soviet Dungans] Shuchin chuzy. [Frunze] Khugulchubanshe, 1961. 291 p. [In Dugan]

INTURIST, [Your guide] Vash gid. [Moskva, Vneshtorgizdat, [n d.] 342 p. illus. [In 12 languages]

ISAKOVSKII, M V. [Birds of passage are flying .., verse] Letiat pereletnye ptitsy...; stikhi. Moskva, Gos izd-vo detskoi lit-ry, 1959. 236 p. (Poeticheskaia bibliotechka shkol'nika)
(MiU)

IVANOV, A.I. [Role of his world outlook in the works of a writer] Rol' mirovozzrenila v tvorchestve pisatelia. [Saratov] Izd-vo Saratovskogo univ., 1962, 385 p.

IVANOV, I., pseud. [Is there life on Mars? A comedy (or, maybe, a tragedy) in three acts with a prologue and an epilogue] Est' li zhizn' na Marse, komediia (a, mozhet byt', tragediia) v 3-kh aktakh s prologom i epilogom. Paris, Institut Literacki, 1961. 100 p. (Biblioteka "Kultury," v. 71)
(CtY) (MH) (MiU)

IZ"IUROV, I. V., comp. [Stories by Komi authors. Rasskazy komi pisatelei. Syktyvkar, Komi knizhnoe izd-vo] 1954. 200 p. [In Komi]
(MH)

KAIMOV, KASYM. [Night at the pass; a tale and stories. Translated from the Kirghiz] Noch' na perevale; povest i rasskazy. Moskva, Sovetskii pisatel', 1962. 214 p.
(MH)

KAIUMOV, AZIS. [Makhmur (an account of his life and works, with examples of his writings)] Makhmur, [kritiko-biograficheskii ocherk i obraztsy proizvedenii]. Tashkent, Izd-vo Akad. nauk UzSSR, 1956. 135 p. (Materialy po istorii uzbekskoi literatury) [In Uzbek]
(MH)

KARASEVICH, V. IU. [Daisies with white eyelashes] Romashki s belymi resnitsami. Riga, Latviiskoe gos. izd-vo, 1962. 99 p.
(MH)

KÄRHU, EINO. [Finnish literature and Russia, 1800-1850] Finliandskaia literatura i Rossiia, 1800-1850. Pod red. V. V. Pokhlebkina, I. I. Kianvirlainena. Tallinn, Eesti Riiklik Kirjastus, 1962, 342 p. [With summaries in Estonian, Finnish, and Swedish]

KARPOV, K. B., and V. S. MONIGETTI. [Introductory course to the German language] Vvodnyi kurs nemetskogo iazyka. Moskva, Izd-vo lit-ry na inostr. iazykakh, 1962. 239 p.

KARTSEV, A D. [Main line] Magistral' [Moskva] Sovetskaia Rossiia, 1962. 550 p.
(MH)

KAZAKEVICH, E.G. [Blue notebook, a tale] Sinlaia tetrad'; povest', [Moskva, Gos. izd-vo khudozh. lit'ry, 1961]. 146 p.
(CU) (MH) (MiU)

KENCHOSHVILI, A. D. [Il'ia Chavchavadze; review of his literary works Il'ia Chavchavadze, obzor ego khudozhestvennogo tvorchestva. Tbilisi, Izd-vo Akad. nauk Gruzinskoi SSR] 1962. 271 p. [In Georgian]

KEZHUN, BRONISLAV. [Long roads; a book of verse] Dal'nie dorogi; kniga stikhov. [Leningrad] Sovetskii pisatel', 1960. 127 p.
(MiU)

KHABIBOV, A., comp. [Riddles] Chistonkho. Dushanbe, Davlatii Nashrieti Tochikiston, 1962. 75 p. [In Tajik]

KIM, R. N. [Special agent, Cobra under the pillow, adventure stories] Agent osobogo naznachenitia, Kobra pod podushkoi; prikliuchencheskie povesti Moskva, Sovetskii pisatel', 1962. 316 p.
(MH)

KIREEVA, A. B., and R. I. ROZHDESTVENSKII, comp. [Voice of peace, collected verse] Golos mira, sbornik stikhov. Moskva, Izd-vo "Sovetskaia Rossiia," 1962 167 p. (Bibliotechka "Khudozhestvennaia samodeiatel'nost'," no. 20)

KLIUEV, B. [Practical textbook of the Urdu language] Prakticheskii uchebnik iazyka urdu. Pod red. A. A. Davletovoi, Moskva, Izd-vo lit-ry na inostr. iazykakh 1962. 430 p.

KNOPE, ELZA. [Latvian literary criticism in the second half of the 19th century] Latviesu literaturas kritika XIX gs otraja puse. Riga, Latvijas PSR Zinatnu Akademijas Izdevnieciba, 1962. 225 p [In Latvian]

KOCHIN, N. I. [Lessons. Lads.] Devki. Parni. Moskva, Gos. izd-vo khudozh. lit-ry, 1962. 718 p.
(MiU)

KOLOMIETS', O F [Pharaohs; a comedy] Faraony, komediia. Kyiv, Derzhlitvydav, 1962 70 p (Bibliotechka samodiial'noho teatru)
(MH)

KOMAKHIDZE, M E., and A. I. CHACHANIDZE. [G M Mukhadze; his life and work] G. M. Mukhadze, zhizn' i deiatel'nost'. Tbilisi, Izd-vo Akad. nauk Gruzinskoi SSR, 1961. 413 p. [In Georgian]

KONSTANTINOV, IURII. pseud. [Our time flies, novel] Letit nashe vremia; roman. Moskva, Sovetskii pisatel', 1962. 393 p.
(MH)

KOPOSOV, V. V [Shaman's daughter] Dochʻ shamana [Khabarovsk] Khabarovskoe knizhnoe izd-vo, 1962. 118 p.

KORBAN, ULADZIMIR. [Brigade's godfather, fables] Translated from the White Russian] Brigadzyn kum, basni, Moskva, Sovetskii pisatel', 1962. 164 p.
(MH)

KORIN, G. A. [My people, my people; verse] Liudi moi, liudi; stikhi. Moskva, Sovetskii pisatel', 1962 101 p.
(MH)

KOROLEVA, NATALENA (DUNIN-BORKOVS'KA). [Work] Tvory. Toronto, Ukr. vyd-vo "Dolia knyzhka." (no. 170)
Vol. 1. [The ancestor; from annals and legends] Predok; z analiv i legend. 3. vyd 1961 202 p

KOSTENKO, A. I. [Wreath of glory for Lenin] Lavrovyi vinok slavy. [Kyiv, Derzhlitvydav, 1960] 232 p.
(MH)

KOTOV, V. P. [Two smiles; satirical and humorous verse] Dve ulybki; satiricheskie i iumoristicheskie stikhi. [Moskva, Sovetskaia Rossiia, 1962]. 101 p.
(MH)

KOVALENKOV, A. A. [A matter of imagination; stories] Delo voobrazhenila; rasskazy. Moskva, Sovetskii pisatel', 1962. 109 p. illus.
(MH)

KOVALEV, IU., comp. [English story] Angliiskaia novella. [Leningrad] Lenizdat, 1961. 527 p.
(IU)

KOVIN'KA, O. I. [Don't tell, don't say it; humorous sketches] I ne kazhit', i ne hovorit', humoresky. Kyiv, Derzhlitvydav, 1962. 94 p.

KRYVDA, H. F. [Along my country's roads, lyrics] Dorohamy ridnoho kraiu; liryka. Kyiv, Derzhlitvydav, 1962. 90 p.
(MH)

KUUSBERG, PAUL, ed. [About Estonian literature; literary studies Translated from the Estonian] Ob estonskoi literature, literaturno-kriticheskie stat'i. Tallin, Estonskoe gos izd-vo, 1956. 606 p.
(CtY) (NNC)

KUZMOVYCH-HOLOVINSKA, MARIA. [Maria, a drama in three acts] Marila, stsenichna kartyna v 3 vidsloniakh Toronto, Ukrains'ke vyd-vo "Dobra knyzhka," 1962. 32 p. (no. 176)

LACIS, VILIS. [Rocky road, a novel. Translated from the Latvian] Kamenistyi put', roman. Moskva, Sovetskii pisatel', 1961. 290 p.
(NNC)

LARIONOV, S. S. [Conscience, stories and a tale Translated from the Moksha-Mordvinian] Sovest', rasskazy i povest' [Moskva] Molodaia gvardiia, 1961. 142 p.
(MH)

LARTSEV, V. G. [M. V. Lomonosov's science poetry] Nauchnaia poeziia M. V. Lomonosova Samarkand, Izd-vo Samarkandskogo gos. univ. im. A. Navoi, 1961. 56 p.
(CaOTU)

LAVRETSKAIA, V. I. [Works by A. S. Pushkin on themes from Russian history] Proizvedeniia A. S. Pushkina na temy russkoi istorii, posobie dlia uchitelei. Moskva, Uchpedgiz, 1962. 161 p.

LAZAREV, L. V. [I love you, Kol'ka] IA liubliu vas, Kol'ka [Kuibyshev] Kuibyshevskoe knizhnoe izd-vo, 1962. 30 p.
(MH)

LENCH, LEONID, ed. [Persian humor. Translated from the Persian] Persidskii iumor. Moskva, Izd-vo inostr. lit-ry, 1962. 93 p. (Iumor i satira zarubezhnykh stran)

LENINGRAD. UNIVERSITET. [Conference on Iranian philology; abstracts of reports] Nauchnaia konferentsiia po iranskoi filologii, tezisy dokladov. Leningrad, 1962. 51 p.
(MH)

LEONT'EV, A. N. [White land; a tale] Belaia zemlia, povest'. [Moskva] Molodaia gvardiia, 1962. 127 p. (Fantastika, prikliuchenila, puteshestvila)

LEONTICHEV, IU. [Joy; stories] Radost'; rasskazy. Nukus, Karakalpakskoe gos. izd-vo, 1961. 95 p.
(MH)

LESKOV, N. S. [Levsha; a tale of the cross-eyed left-hander of Tula and the steel flea] Levsha; skaz o tul'skom kosom levshe i o stal'noi blokhe. [Moskva, Gos. izd-vo khudozh. lit-ry, 1961] 106 p.
(MiU)

LESKOV, N. S. [Selected works] Izbrannye proizvedeniia. Petrozavodsk, Gos. izd-vo Karelo-Finskoi SSR, 1962. 3 v.
(OU)

LETIUK, IE. M. [Welcome, world; lyrics] Cholom tobi, svite; liryka. Kyiv, Derzhlitvydav, 1962. 100 p.
(MH)

LEVADA, O. S. [Faust and death; a tragedy] Faust i smert'; tragediia. Kyiv, Derzhlitvydav, 1962. 117 p.
(MH)

LEVIT, A. I. [Come, now, move over... Based on the themes of Georgian folk humor] A mu, podvin'sia... Po motivam gruzinskogo narodnogo iumora. [Tbilisi] Zaria Vostoka, 1960. 105 p. illus.
(NNC)

LIFSHITS, M. N. [Song about the Bars brothers, a poem Translated from the Yiddish] Pesnia o Barsakh, poema. [Moskva] Izd-vo "Molodaia gvardiia," 1962. 52 p.

LIKHACHEV, D. S. [Textual criticism, based on materials from Russian literature of the 10th to the 17th centuries] Tekstologiia, na materiale russkoi literatury X - XVII vv. Moskva, Izd-vo Akad. nauk SSSR, 1962. 605 p.

LIKHACHEVA, L. P., comp. [Ivan Vazov, a biobibliography] Ivan Vazov, biobibliograficheskii ukazatel' Moskva, Izd-vo Vsesoiuznoi palaty, 1962. 171 p. (Pisateli zarubezhnykh stran)

LISIN, L. F. [G. I. Uspenskii, his career as a writer] G. I. Uspenskii, tvorcheskii put' Irkutsk, Irkutskii gos. pedagog. in-t, 1961. 329 p.
(MH)

[LITERARY PARODIES AND JOKES] Literaturni parodii ta zharty, [zbirnyk Red P. B. Staiets'kyi] Kyiv, Derzhlitvydav, 1961. 142 p.
(MH)

LIVSHITS, S. E. [Two hundred rainbows, verse] Dvesti radug, stikhi. [Magadan] Magadanskoe knizhnoe izd-vo, 1962. 110 p.
(MH)

LUBNIN, L. M. [Ten days on the trail of Vas'ka Zhabrei] Desiat' dnei po sledam Vas'ki Zhabreia. [Kirov] Kirovskoe knizhnoe izd-vo, 1961. 122 p.
(MH)

LUCHOSIN, V. I. [Man must live, a tale] Chelovek dolzhen zhit', povest' [Moskva] Molodaia gvardiia, 1962. 254 p.
(MH)

LUTFI, fl. 15th cent. [Lyrics. Gul' and Navruz. Translated from the Uzbek] Lirika Gul' i Navruz Moskva, Gos. izd-vo khudozh. lit-ry, 1961. 174 p.
(MH)

MAASIK, EINAR, [Intolerable character; stories. Translated from the Estonian] Nesnosnyi kharakter, rasskazy. Moskva, Sovetskii pisatel', 1962. 131 p.
(MH)

MAGALIF, IU. M. [Bibishka, a good friend, a tale] Bibishka – slavnyi druzhok, povest'-skazka. [Novosibirskoe knizhnoe izd-vo, 1960. 85 p.
(MiDW)

MAGRACHEV, L. E. [Voices of life; from a radio journalist's notebook] Golosa zhizni, iz zapisnoi knizhki radiozhurnalista [Leningrad, Lenizdat, 1962]. 251 p. illus.
(MH)

MAIOROV, M. K. [Hot compresses; humorous sketches] Harachi pryparky, humoresky. Kyiv, Derzhlitvydav, 1962. 145 p.
(MH)

MALYSHKO, ANDRII. [Letters written at sunrise, a book of verse] Lysty na svitanni, knykha poezii Kyiv, Derzhlitvydav, 1961. 101 p.
(MH)

MAMANOV, I. E. [The Kazakh language] Kazak tili; uchebnik kazakhskogo iazyka dlia studentov. Alma-Ata, Kazuchpedgiz, 1961. 187 p.

MAMEDOV, A. A. D. [Textbook of the Arabic language for course I offered by the Arabic Department of the Faculty of Oriental Studies] Ereb dili, S. M. Kirov adyna Azerbaichan dovlet universiteti shergshunaslyg fakul'tesinin telebeleri uchun dersilik. Baky, Azerbaichan dovlet tedris-pedagozhi edebiiaty neshriiiy, 1962. 421 p. [In Azerbaijani]

MAMEDOV, NADIR [Literary work of M. F. Akhundov] Khudozhestvennoe tvorchestvo M. F. Akhundova Baku, Izd-vo Akad. nauk Azerbaidzhanskoi SSR, 1962. 149 p.

MANYLO, IVAN. [Thunder after sunrise; lyric poetry, humor, satire] Hrim za zoreiu, lirika, humor, satyra. New York, Vyd-vo "Volosozhar," 1963. 64 p.

MARCHEVSKII, MARKO. [Mitko Palauzov. Translated from the Bulgarian] Mitko Palauzov. Sofia, Izd-vo lit-ry na inostr. iazykakh, 1962. 220 p.

MARTYCH, IU. M. [Friends are always with you, accounts of unforgetiable events] Druzi zavzhdy z toboiu; rozpovidi pro nezabutnie. Kyiv, Derzhlitvydav, 1962. 325 p.
(MH)

MASLOV, IU. S., comp. [Problems of verbal aspect] Voprosy glagol'nogo vida, sbornik Moskva, Izd-vo inostr. lit-ry, 1962. 437 p.

MATSUEV, N. I. [Soviet belles lettres and literary criticism, 1958-1959, a bibliography] Sovetskaia khudozhestvennaia literatura i kritika, 1958-1959, bibliografiia. Moskva, Sovetskii pisatel', 1962. 671 p.
(MH)

MATVEEV, N. K. [Practical course in the English language] Prakticheskii kurs angliiskogo iazyka, posobie dlia pervogo goda obucheniia v vuzakh. 2. izd. Moskva, Vysshaia shkola, 1962. 255 p.

MEDVEDEV, V. V. [Third-rate gosling] Gusenok tret'ego sorta Moskva, Gos. izd-vo detskoi lit-ry, 1960. 18 p.
(MiDW)

MELESHIN, S. V. [It happened by the sea] Eto sluchilos' u moria. [Cheliabinsk] Cheliabinskoe knizhnoe izd-vo, 1961. 198 p.
(MH)

MIKHEEV, V. A. [Until tomorrow, Yurka] Do zavtra, IUrka. [Murmansk] Murmanskoe knizhnoe izd-vo, 1962. 46 p.
(MH)

MIL'KINA, R. B. [Bibliography of Latvian literature in Russian translations] Bibliografiia latyshskoi literatury v perevodakh na russkii iazyk Moskva, Mosk. gos. bibliotechnyi in-t, 1961. 29 p. (Bibliografiia literatury narodov SSSR v perevodakh na russkii iazyk, no. 3)
(MH)

MILLER, V. F. [Ossetic language Translated from the German] IAzyk osetin [Red., predisl. i primechaniia V. I. Abaeva] Leningrad, Izd-vo Akad. nauk SSSR, 1962. 189 p.
(CU)

MOSCOW. MOSKOVSKII GOSUDARSTVENNYI PEDAGOGICHESKII INSTITUT INOSTRANNYKH IAZYKOV. [Foreign-language study in higher educational institutions] Inostrannye iazyki v Vysshei Shkole; tematicheskii sbornik. Moskva, 1962. 178 p.

MOSCOW. PUBLICHNAIA BIBLIOTEKA. Otdel spravochno-bibliograficheskoi i informatsionnoi raboty [Cultivation of Russian speech, a bibliography] Kul'tura russkoi rechi, ukazatel' literatury. V pomoshch' bibliotechnym rabotnikam, lektoram, propagandistam, uchiteliam. Moskva, 1960. 17 p.
(MH)

MURADIAN, M. A. [The Shatakh dialect. Shatakhskii dialekt. Erevan, Izd-vo Erevanskogo gos. univ.] 1962. 226 p. [In Armenian with summaries in Russian and English]

NAGIEVA, DZH. M. [Description of the S. S. Akhundov archives. Opisanie arkhiva S. S. Akhundova] Baku, Akad. nauk Azerbaidzhanskoi SSR, 1962. 89 p. [In Azerbaijani]
(MH)

NEGARE, A. V., and N. P. SURUK. [The Moldavian language] Limba moldoveniaske; manual pentru klasa VIII a shkolii ruse. Editsila 1. Kishinau, Kartia moldoveniaske, 1962. 150 p. [In Moldavian]

NEKRASOV, V. P. [Kira Georgievna, a tale] Kira Georgievna, povest'. Moskva, Sovetskii pisatel', 1962. 149 p.

NIKITIN, A. I. [It happens this way too; humorous stories] Byvaet i tak; iumoristicheskie rasskazy. [Cheliabinsk] Cheliabinskoe knizhnoe izd-vo, 1962. 44 p.
(MH)

NIKOSHENKO, I., comp. [At a distant frontier post; stories and sketches about border guards] Na dalekoi zastave; rasskazy i ocherki o pogranichnikakh. Petrozavodsk, Gos. izd-vo Karel'skoi ASSR, 1961. 182 p.
(MH)

NONESHVILI, IOSIF. [Lyrics] [Lirika] Tbilisi, Sabchota Sakartvelo, 1961. 270 p. [In Georgian]
(MH)

NORD, ANASTASIIA. [Godless, a novel] Bez Boga; roman. [n. p., 195-?] 2 v.
(NN)

NURKATOV, AIKIN. [Idea and image; literary articles. Idein i obraz, sbornik literaturno-kriticheskikh statei. Alma-Ata, Kazgoslitizdat] 1962. 321 p. [In Kazakh]
(MH)

ODUD'KO, T. R. [Fortunate time, lyric poetry] Shchaslyvyi vik, liryka. L'viv, Knyzhkovo-zhurnal'ne vyd-vo, 1960. 153 p

ODUD'KO, T R [Rustle of the forest, lyric poetry] Shumliat' dibrovy, liryka. Kyiv, Derzhlitvydav Ukrainy, 1962 205 p

OHLOBLYN-HLOBENKO, MYKOLA. [Literary life in the Soviet Ukraine, prose from 1920 to 1930] Literaturne zhyttia na Pidsovets'kii Ukraini, proza 1920-1930 rokiv [Munich] Vyd Spilky Ukr molodi [1952] 31 p (Biblioteka molodi, no. 1) [Publ under author's pseud. M. Hal'chuk]
(IU)

OLEXANDROWYCH, MYKOLA. [Markian Shashkevych, the renaissance of Ukrainian literature in Galicia] Markiian Shashkevych, ukrains'ke literaturne vidrozhdennia v Halychyni 2., dop. vyd Toronto, Ukr vyd-vo "Dobra knyzhka," 1961 60 p. (no. 174)

OLIINYK, B. I. [Blacksmiths strike the steel, verse] B'iut' u krytsiu kovali, virshi. Kyiv, Molod', 1962. 69 p.
(MH)

ORESHIN, K. P. [What the trees are saying, verse] O chem govoriat derev'ia, stikhi. Moskva, Sovetskii pisatel', 1962. 65 p.
(MH)

ORISHIN, A. D [Lomonosov and our times] Lomonosov i nasha sovremennost'. Otv red L N Klimkova [L'vov] Izd-vo L'vovskogo univ., 1961. 52 p
(MH)

OVECHKIN, V V. [Indian summer. Nastia Kolosova. Into the wind. Summer rains. Time reaps the fruit] Bab'e leto. Nastia Kolosova. Navstrechu vetru. Letnie dozhdi. Vremia pozhinat' plody [Kursk] Kurskoe knizhnoe izd-vo, 1961. 317 p
(KU)

PALLO, N. P. [Four, a tale] Chetvero, povest'. [Kuibyshev] Kuibyshevskoe knizhnoe izd-vo, 1962 101 p.
(MH)

PANOVA, V. F. [Eudoxia. Serezha. Valia. Volodia. The seasons] Evdoksiia. Serezha. Valia. Volodia. Vremena goda [Leningrad] Lenizdat, 1960. 552 p.
(KU)

PANTELEEV, A. I [The new girl; stories] Novenkaia, rasskazy. Leningrad, Gos. izd-vo detskoi lit-ry, 1960. 106 p (Shkol'naia biblioteka)
(MiDW)

PASENIUK, L. M. [Seven matches; stories and a tale] Sem' spichek, rasskazy i povest'. Moskva, Sovetskii pisatel', 1962. 218 p.
(MH)

PASHAEVA, M. [Description of the Dzhalil Mamedkulizade (Molla Nasreddin) archives] Opisanie arkhiva Dzhalil Mamedkulizade (Molla Nasreddin). Baku, Akad. nauk Azerbaidzhanskoi SSR, 1961. 154 p. [In Azerbaijani]
(MH)

PAUSHKIN, GENNADII, comp. [Good little light; verse and stories] Dobryi ogonek, [sbornik stikhov i rasskazov]. Kazan', Tatarskoe knizhnoe izd-vo, 1961. 176 p.
(MH)

PECHERSKII N. P. [Kesha and the cunning god; a tale] Kesha i khitryi bog; povest'. Moskva, Detgiz, 1962. 126 p.

PEREGUDOVA, E. P., comp. [Happy New Year!] S novym godom. Moskva, Izd-vo "Sovetskaia Rossiia," 1962. 134 p. (Bibliotechka "Khudozhestvennaia samodeiatel'nost," no. 25)

PERVENTSEV, A. A. [Kochubei, a novel] Kochubei; roman. Moskva, Gos. izd-vo khudozh. lit-ry, 1961. 288 p.
(MiU) (OU)

PETROV, V. I. [Romashka's childhood; a trilogy] Detstvo Romashki; trilogiia. Moskva, Detgiz, 1962. 393 p. (Shkol'naia biblioteka)

PIOTROVSKAIA, A. G. [Creative work of Maria Konopnicka] Tvorcheskii put' Marii Konopnitskoi. Moskva, Izd-vo Akad. nauk SSSR, 1962. 277 p.

PLATOV, L. D [Archipelago of vanishing islands] Arkhipelag ischezaiushchikh ostrovov. Moskva, Geografgiz, 1962. 284 p. (Puteshestviia, prikliuchenila, fantastika)

POCHIVALIN, N. M. [Pure tone, tales] Chistyi ton; povesti. [Penza] Pensenskoe knizhnoe izd-vo, 1962. 482 p.
(MH) (KU)

PODOLIAN, M. P. [I love, verse] Liubliu, poezii. Kyiv, Derzhlitvydav, 1962. 118 p.
(MH)

POGODIN, N. [Much ado about nothing; a comedy in four acts, eleven scenes] Kogda tomiatsia kop'ia, komediia v chetyrekh deistviiakh, odinnadtsati kartinakh. [Moskva] Gos. izd-vo "Iskusstvo," 1953. 103 p.

POLIANSKII, E I [Worker's pass; verse and a poem] Rabochii propusk, stikhi i poema [Kursk] Kurskoe knizhnoe izd-vo, 1961. 89 p
(MH)

POLISHCHUK, IA., comp. [Our concert, collected works for the vaudeville stage] Nash kontsert, estradnyi sbornik. Moskva, Izd-vo Iskusstvo, 1962. 110 p. (Repertuar khudozhestvennoi samodeiatel'nosti, no. 16)

POLTORATSKII, V. V. [Movie fans, a tale and stories] Kinoshniki, povest' i rasskazy. [Moskva] Molodaia gvardiia, 1961. 107 p.
(MH)

PONEDILOK, MYKOLA. ["The guelder-rose...", a play in three acts and five scenes] "A my tutu chervony kalynu...", p'iesa na try dii i p'iat' kartyn. Buenos Aires, Nakladom vyd-va IU. Seredniaka, 1957. 17 p. (Teatral'na biblioteka)
(NN)

PONEDILOK, MYKOLA. [Only the fields tell the story; novelle, sketches, and stories] Hovoryt' lyshe pole...; noveli, narysy, opovidannia. Toronto, "Homin Ukrainy," 1962. 317 p. (Biblioteka vyd-va "Homin Ukrainy," pt. 19)
(InU)

PROSH'IAN, PERCH. [Collected works in seven volumes. Sobranie sochinenii v semi tomakh. Erevan, Armianskoe gos. izd-vo. In Armenian]
Vols. 1-2. 1962.

PURLIEV, BEKGE [Melody of love; a tale. Translated from the Turkmen] Melodiia liubvi; povest' Ashkhabad, Turkmenskoe gos. izd-vo, 1961. 123 p.
(MH)

RASKIN, A. B. [Sketches and writings; parodies, feuilletons, and epigrams] Ocherki i pocherki; parodii, fel'etony, epigrammy. Izd. 2, dop. Moskva, Sovetskii pisatel', 1962. 150 p.
(CU)

REID, V. S. [Leopard. Translated from the English] Leopard. Moskva, Izd-vo vostochnoi lit-ry, 1961. 148 p.
(NIC)

[REPERTORY COLLECTION FOR AMATEUR ART GROUPS, plays, verse, stories of Soviet writers] Repertuarnyi sbornik dlia kollektivov khudozhestvennoi samodeiatel'nosti; p'esy, stikhi, rasskazy sovetskikh pisatelei. [Moskva] Mosk. bol'shevik, 1945. 223 p.

REUT, N S., and M. E. SKRIABIN. [Another's flock; a tale] Chuzhaia stata; povest'. Moskva, Sovetskii pisatel', 1962. 252 p.
(MH)

REZNIK, IA. L. [Trust, a tale] Doverie; povest', 2. dop. i perer. izd. [Sverdlovsk] Sverdlovskoe knizhnoe izd-vo, 1962. 250 p.
(MH)

ROMA, R. M. [Stories about Tina] Rasskazy pro Tinu. Moskva, Sovetskii pisatel', 1962. 104 p.
(MH)

ROZEN, A. G. [When we come back; stories] Kogda my vernemsia; rasskazy. [Leningrad] Lenizdat, 1962. 388 p.
(MH)

ROZEN, A. G. [White shirts; stories] Belye rubashki; rasskazy. Moskva, Sovetskaia Rossiia, 1962. 110 p. (Korotkie povesti i rasskazy)
(MH)

ROZHDESTVENSKAIA, I. S., and A. G. KHODIUK. [A. N. Tolstoi, a seminar] A. N. Tolstoi; seminarii. Leningrad, Uchpedgiz, 1962. 326 p.
(MH)

ROZITIS, PAVILS. [Works] Raksti. Riga, Latvijas Valsts Izdevnieciba. [In Latvian]
Vol. 5, [Poetry] Dzejas 1962. 382 p.

RUBASHOV, M. B. [Purple shadows, a tale] Bahriani tini; povist'. Kyiv, Derzhlitvydav, 1962. 194 p.
(MH)

RUBLEV, GEORGII. [Song of peace] Pesnia mira. Moskva, Detgiz, 1960. 30 p
(CLU)

RUJA, VALDIS. [We shall never part, a poem about the Baltic Sea] Mes neskirsimies nekad, [Baltijas juras poema]. Riga, Latvijas Valsts Izdevnieciba, 1962. 136 p. [In Latvian]

RUSOV, GEORGII. [Special Communist Youth League task; a tale] Osoboe komsomol'skoe; povest'. [Moskva] Izd-vo "Molodaia gvardiia," 1962. 191 p.

[RUSSIAN-SPANISH SCHOOL DICTIONARY. Approximately 9,000 words] Russko-ispanskii uchebnyi slovar'. Okolo 9,000 slov. [By] J. Nogueira, G. Turover. S prilozheniem kratkikh svedenii po morfologii i grammaticheskikh tablits russkogo iazyka pod. A. A. Zaliznikom. Moskva, Gos. izd-vo inostr. i natsional'nykh slovarei, 1962. 540 p.

[RUSSIAN-VIETNAMESE DICTIONARY] Russko-v'etnamskii slovar'. Sost. Nguen Nang An. Okolo 7500 slov. Moskva, Gos. izd-vo inostr. i natsional'nykh slovarei, 1962. 524 p.

RUSTAVELI, SHOTA, fl. 1190. [Knight in a tiger's skin. Translated from the Georgian] Vitiaz' v tigrovoi shkure. Moskva, Goslitizdat, 1962. 318 p.

RYBAKOV, A. N. [Dirk. Bronze bird] Kortik. Bronzovaia ptitsa. Moskva, Detgiz, 1962. 420 p.

RYBAKOV, M. A. [Windfallen trees; a novel] Burelom, roman [Kalinin] Kalininskoe knizhnoe izd-vo, 1962. 331 p.
(MH)

RZA, RASUL. [Light coming through the window, verse. Translated from the Azerbaijani] Svet, pronikshii v okno; stikhi. Moskva, Izd-vo "Pravda," 1962. 30 p. (Bibliioteka "Ogonek," no. 50)

SACCHETTI, FRANCO. [Novelle. Translated from the Italian] Novelly. Izd. podgotovili A. A. Smirnov, D. E. Mikhal'chi, T. V. Shishmareva. Moskva, Izd-vo Akad. nauk SSSR, 1962. 391 p.

SAFONOV, E. I. [Men, stories] Muzhchiny, rasskazy [Riazan'] Riazanskoe knizhnoe izd-vo, 1962. 94 p

SAKHECHIDZE, P. D. [Lighthouses along the coastline. Maiaki poberezh'ia. Tbilisi, Gos. izd-vo "Sabchota Sakartvelo"] 1961. 61 p. [In Georgian]

SAKKAKI, fl. 15th cent. [Selected works. Translated from the Uzbek] Izbrannoe. Tashkent, Goslitizdat UzSSR, 1961. 100 p. (Biblioteka klassikov uzbekskoi literatury)
(MH)

SAMOCHATOVA, O. IA. [Experience in giving a special course on I. S. Turgenev's works in the Pedagogical Institute] Iz opyta postanovki spetsial'nogo kursa po tvorchestvu I. S. Turgenova v Pedagogicheskom institute. [Briansk] Izd-vo "Briianskii rabochii," 1961. 102 p.
(CU)

SEIFULLINA, L. N. [Selected works] Izbrannye proizvedenila. Moskva, Goslitizdat, 1958. 2 v.
(PPiU)

SEL'VINSKII, I. L. [Time, fate, and love, verse] O vremeni, o sud'bakh, o liubvi; stikhi. [Moskva, Sovetskii pisatel', 1962]. 180 p.
(CtY) (MH) (NcD)

SES', P. [Storks] Loleky. [Derby, England, Nakladom avtora, 1960. 108 p.

SHAKENOV, NUTFULLA. [Night lights; verse. Translated from the Kazakh] Nochnye ogni; stikhi. Moskva, Sovetskii pisatel', 1962. 74 p.
(MH)

SHAKHMAGONOV, F. F. [Tikhiye Zatony] Tikhie Zatony. [Riazan'] Riazanskoe knizhnoe izd-vo, 1962. 256 p.

SHAKHTY. GOSUDARSTVENNYI PEDAGOGICHESKII INSTITUT. [Problems of the heritage of N. A. Dobroliubov; on the centenary of his death] Nekotorye voprosy naslediia N. A. Dobroliubova; k 100-letiiu so dnia smerti. Shakhty, 1961. 112 p.
(MH)

SHAKRYL, K. S. [Affixes in the Abkhazian language] Affiksatsiia v abkhazskom iazyke. [Sukhumi] Abgosizdat, 1961. 171 p.
(MH)

SHANKOVS'KYI, IHOR [Dissonances] Dysonansy. Filiadel'fiia, "Kyiv," 1960. 93 p.
(CtY)

SHAPOVAL, M. T. [Over Pael the heavens are high, tales and sketches] Nad Palom nebo vysoke, povisti, miniatiury. Kyiv, Derzhlitvydav, 1962. 195 p
(MP)

SHARSHUN, SERGEI. [Dolgolikov; a poem. From the epic "A hero more interesting than a novel,"] Dolgolikov, poema. Iz epopei "Geroi interesnee romana." Parizh, 1961. 164 p.
(CtY)

SHEBALOV, A. O. [Morning, a tale] Svitanok, povist'. Kyiv, Molod', 1962. 200 p.
(MH)

SHEREMET, M. S. [Path to life, selected poems] Doroha v zhyttia, vybrani poezii. Kyiv, Molod', 1957. 158 p.
(IU)

SHESTAKOVA, N. V. [Manual for reading and translating German scientific and technical literature] Posobie po chteniiu i perevodu nemetskoi nauchno-tekhnicheskoi literatury. Moskva, Vysshaia shkola, 1961. 125 p.
[MICROFILM]

SHIM, E. IU. [March snow, stories] Martovskii sneg; rasskazy. Moskva, Sovetskii pisatel', 1962. 182 p.
(MH)

SHKLIAREVSKII, I. I. [I go; verse] IA idu; stikhi. Minsk, Gos. izd-vo BSSR, 1962. 96 p.
(MH)

SHMYHEL'S'KYI, A. I. [Banners over the Carpathians, poems] Stiahy nad Karpatamy, poezii. L'viv, Knyzhkovo-zhurnal'ne vyd-vo, 1962. 150 p.

SHOLOKHOV, M. A. [Collected works in eight volumes] Sobranie sochinenii v vos'mi tomakh. Moskva, Izd-vo "Pravda," (Biblioteka "Ogonek")
Vols. 6-8. 1962.

SHUBA, P. P. [The adverb in White Russian, a morphologic study] Prysloue u belaruskai move, marfalagichny narys. Minsk, Vyd-va Akad navuk BSSR, 1962. 190 p

SHVETS', V. S. [Steps and years; poems] Kroky i roky, poemy. Kyiv, Derzhlitvydav, 1962. 205 p.
(MH)

SIMANOVICH, D. G. [Juno river, lyrics] Iun'-reka; lirika. Minsk, Gos. izd-vo BSSR, 1962. 89 p.
(MH)

SKOROKHODOV, M. E. [Invisible shore] Nevidimyi bereg. [Arkhangel'sk] Arkhangel'skoe knizhnoe izd-vo, 1962. 150 p.
(MH)

SLAVGORODSKII, P. F., comp. [Literature of the peoples of the U. S. S. R. Translated from the originals] Literatura narodov SSSR; kniga dlia chteniia v srednei shkole. Moskva, Uchpedgiz, 1962. 573 p.

SLEPUKHIN, IU. G. [Joanna Alarika; povest'. [Moskva] Molodaia gvardiia, 1962. 309 p.
(MH)

SNIEHIR'OV, IE. I. [Was he right?; a tale] Chy mav in pravo; povist'. Kyiv, Derzhlitvydav, 1962. 64 p.
(MH)

SOBOLEV, L. V. [Master; a play] Khoziain; p'esa. Moskva, Iskusstvo, 1962. 106 p.
(MH)

SOIFER, M. I. [The art of Sholokhov] Masterstvo Sholokhova. Tashkent, Gos. izd-vo khudozh. lit-ry UzSSR, 1961. 414 p.
(InU) (RPB)

SOKOLS, EVALDS. Rainis. Riga, Latvijas Valsts izdevnieciba, 1962. 498 p. [In Latvian]

[SPANISH-UKRAINIAN DICTIONARY] Espans'ko-Ukrains'kyi slovnyk. Sklav P. CH. Salzburg, Vyd-vo "Novi dni," 1947. 206 p.
(NNC)

SPEKA, P. [Jarema in the yoke of communism; on the centennial of T. Shevchenko's death] IArema v iarmi komunizmu; do setykh rokovyn z dnia smerty T. Shevchenka. [Derby, England, Nakladom avtora] 1961. 203 p.

STANIUKOVICH, KONSTANTIN. [Sea stories] Morskie rasskazy. [Moskva] "Pravda," 1954. 357 p.
(IEN)

STASOV, V. V [Letters to Russian cultural figures] Pis'ma k deiateliam russkoi kul'tury. Moskva, Izd-vo Akad. nauk SSSR,
Vol. 1. 1962. 354 p.

SUKHODOL'S'KYI, V. O. [People's artist] Narodna artystka Kyiv, Derzh. vyd-vo dytiachoi lit-ry URSR, 1961. 277 p.
(CtY)

SURITS, E., comp. [Norwegian tales. Translated from the Norwegian] Norvezhskie skazki. Moskva, Goslitizdat, 1962. 200 p.

SVERDLOVSK, URAL'SKII GOSUDARSTVENNYI UNIVERSITET, [Newspaper genres] Gazetnye zhanry. Sverdlovsk, 1962. 142 p.

[A SWALLOW FROM PRESOV PROVINCE, folk and literary creations of the Ukrainians in Czechoslovakia] Lastivka z Priashivshchyny: z narodnoi ta literaturnoi tvorchosti ukraintsiv Chekhoslovachchyny Kyiv, Radians'kyi pys'mennyk, 1960. 254 p.
(CaOTU) (CaAEU)

SYVACHENKO, M. IE [Anatol Svydnyts'kyi and the origin of the sociological novel in Ukrainian literature] Anatol' Svydnyts'kyi i zarodzhennia sotsial'noho romanu v ukrains'kii literaturi. Kyiv, Vyd-vo Akad. nauk URSR, 1962. 414 p.
(InU) (MH)

[TALES, PROVERBS, AND SONGS OF THE LUSATIAN SORBS, Translated from the Upper and Lower Lusatian] Skazki, poslovitsy i pesni luzhitskikh serbov. Moskva, Izd-vo inostr. lit-ry, 1962. 159 p.

TARNOVS'KYI, MYKOLA, [Invisible horizon; a tale] Nezrimyi horyzont, povist'. L'viv, Knyzhkovo-zhurnal'ne vyd-vo, 1962. 360 p.

TARASOV, A. F., comp. [The sources of the great poem, N. A. Nekrasov's poem "Who can be happy in Russia?"] Istoki velikoi poemy; poema N. A. Nekrasova "Komu na Rusi zhit' khorosho." [Aroslavl'] IAroslavskoe knizhnoe izd-vo, 1962. 274 p.
(MH)

TENDRIAKOV, V. F. [Miracle worker; a tale] Chudotvornaia; povest'. Moskva, Goslitizdat, 1961. 94 p.
(CLU)

TESS, T. N. [Mother of the living; a tale] Mat' zhivykh; povest'. Moskva, Sovetskii pisatel', 1961. 147 p.
(MH)

TITOV, NIKOLAI. [Selected works] Izbrannoe. Sost.: M. A. Bushmakina-Titova, L. Krivoshchekov. Alma-Ata, Kazgoslitizdat, 1961. 244 p.
(MH)

TOGUZAKOV, KASYM. [Omar Sibirskii; a novel in verse. Translated from the Kazakh] Omar Sibirskii, roman v stikhakh. [Alma-Ata, Kazgoslitizdat, 1961] 100 p.
(MH)

TOLSTOI, L. N. [For the children; stories, fables, fairy tales, and bylina] Dlia detei; rasskazy, basni, skazki, byliny. S prilozheniem razdela "Lev Tolstoi i deti" (iz vospominanii o pisatele). Moskva, Gos. izd-vo detskoi lit-ry, 1961. 237 p.
(MiDW)

TOLSTOI, L. N. [Stories for children] Rasskazy dlia detei. Moskva, Gos. izd-vo detskoi lit-ry, 1960. 62 p. (Shkol'naia biblioteka)
(MiDW)

TOOMING, OSVAL'D. [The road through the forest; a tale. Translated from the Estonian] Doroga cherez les; povest'. Moskva, Sovetskii pisatel', 1961. 175 p.
(MH)

TURGENEV, I. S. [Novels] Romany. Moskva, Gos. izd-vo detskoi lit-ry, 1961. 580 p. (Shkol'naia biblioteka)
(NNC)

TURKINA, EIZENLIA. [Latvian-English dictionary] Latviesa-anglu vardnica. M. Andersones redakcija. Parstradats un papildinats otrais izdevums. Ap 31000 vardu. Riga, Latvijas Vlasts izdevnieciba, 1962. 775 p.

TVARDOVSKII, A. T. [Book of lyrics, selected verse] Kniga liriki, izbrannye stikhotvoreniia, 1933-1961. Moskva, Sovetskaia Rossiia," 1962. 414 p.

TYNIANOV, IU. N. [Kiukhlia, a novel] Kiukhlia; roman. [Gor'kii] Gor'kovskoe knizhnoe izd-vo, 1959. 308 p
(CoU)

UGRIUMOV, D. B. [Suitcase with labels, a comedy] Chemodan s nakleikami, komediia Moskva, Iskusstvo, 1962. 91 p.
(MH)

UKRAINKA, LESIA. [Selected works] Izbrannye proizvedeniia. Tula, Obl. knizhnoe izd-vo, 1952. 542 p.
(CU)

UKSUSOV, D. I. [I am your friend, a tale] IA, tvoi drug; povest'. Minsk, Gos. izd-vo BSSR, 1962. 250 p.
(MH)

UL'IANINSKII, A. V. [Diamond cuts diamond; a comedy in one act] Kosa na kamen', komediia v odnom deistvii. Moskva, Izd-vo "Sovetskaia Rossiia," 1962. 24 p. (Bibliotechka "Khudozhestvennaia samodeiatel'nost'," no. 23)

UPITS, ANDREJS. [Spartacus, tragedy in four acts and twelve scenes] Spartaks; tregedija cetros celienos, divpadsmit skatos. Riga, Latvijas Valsts izdevnieciba, 1962. 228 p. [In Latvian]

VACZEMNIEKS, LAIMONIS. [Midwinter] Dzila ziema. Riga, Latvijas Valsts izdevnieciba, 1962. 93 p. [In Latvian]

VAL'O, M. A. [Iryna Vil'de; a literary study] Iryna Vil'de, literaturno-krytychnyi narys. Kyiv, Radians'kyi pys'mennyk, 1962. 136 p.
(CtY)

VARAVKA, V., and V. KAMENSHCHIK, comps. [This concerns all, a collection of stories and sketches] Eto kasaetsia vsekh; sbornik rasskazov i ocherkov. [Sverdlovsk] Sverdlovskoe knizhnoe izd-vo, 1962. 230 p.
(MH)

VEJANS, ANDRIS. [Not so far away] Ne aiz trejdeviniem kalniem. Riga, Latvijas Valsts Izdevnieciba, 1962. 64 p. [In Latvian]

VELIGURA, I. M. ["Donetskii Kolokol," a Bolshevik paper] Bol'shevistskaia gazeta "Donetskii kolokol." Luganak, Luganskoe obl. izd-vo, 1962. 105 p.

VENCLOVA, ANTANAS. [Friendship; introduction to a mature life. A novel. Translated from the Lithuanian] Druzhba; vstuplenie v zrelyi vozrast. Roman. Moskva, Goslitizdat, 1962. 341 p.
(MH)

VIGDOROVA, F. A. [Road to life. This is my house. Chernigovka; tales] Doroga v zhizn'. Eto moi dom. Chernigovka, povesti. Moskva, Sovetskii pisatel', 1961. 797 p.
(KU)

VILIPS, PAVILS. [Selected works] Izlase. Riga, Latvijas Valsts Izdevnieciba. [In Latvian]
Vol. 1. [Each day a spark] Skil dzirkstis dienu skiltava. 1962. 551 p.
Vol. 2. [Man on the road] Cilveks iet pa celu. 1962 449 p.

VLADIMIROVA, A. V. [Greeting the sun; lyrics] Navstrechu solntsu, lirika. Moskva, Sovetskii pisatel', 1962. 67 p.
(MH)

VOL'NOV, A. A. [Crimson rains, stories] Bagrianye dozhdi; rasskazy. Moskva, Sovetskii pisatel', 1962. 209 p.
(MH)

VOLODARS'KYI, Z. M., and V. O. SUKHODOL'S'KYI, [Bad weather; a play] Nenoda; p'esa. Kyiv, Derzhlitvydav, 1962. 24 p.
(MH)

VORONIN, S. A. [Story on love] Rasskaz o liubvi. Moskva, Izd-vo "Pravda," 1962. 62 p. (Biblioteka "Ogonek," no. 51)

VORONIN, S. A. [Two lives; a novel] Dve zhizni; roman. Leningrad, Sovetskii pisatel' [Leningradskoe otd-nie] 1962. 315 p.
(CU)

YUAN CHING. [Special mission. Translated from the Chinese] Osobое zadanie, Moskva, Molodaia gvardiia, 1961. 261 p.

ZAITSEV, N. V. [Vsevolod Ivanov's work as a dramatist] Dramaturgiia Vsevoloda Ivanova. [Moskva, Iskusstvo, 1962]. 228 p. (MH)

ZAKRUTKIN, V. A. [Face of the earth, stories and sketches] Lik zemli, rasskazy i ocherki. Moskva, Sovetskii pisatel', 1962. 422 p. (MH)

ZARINEZADE, G. G. [Azerbaijani words in the Persian language, the Safawid period] Azerbaidzhanskie slova v persidskom iazyke, period Sefevidov. Baku, Akad. nauk Azerbaidzhanskoi SSR, 1962. 435 p. [In *Azerbaijani*]

ZOLOTOTRUBOV, A. M. [Depths of the sea, a tale] Glubiny morskie, povest'. [Murmansk] Murmanskoe knizhnoe izd-vo, 1962. 189 p. (MH)

ZOLOTOV, VASILII. [Between steep banks; a lyrical tale] Mezh krutykh berezhkov, liricheskaia povest'. Riga, Latvitskoe gos. izd-vo, 1961. 253 p. (MH)

ZOSHCHENKO, M. M. [Unpublished works, stories, feuilletons and comedies] Neizdannye proizvedeniia; rasskazy, fel'etony, komedii. Moskva, Sovetskii pisatel', 1962. 402 p. (IEN)

ZVANTSEV, SERGEI, pseud. [Ruin of a profession; stories] Gibel' professii, rasskazy. [Rostov-na-Donu] Rostovskoe knizhnoe izd-vo, 1961. 188 p. (MH)

12. GEOGRAPHY & GEOLOGY

ABDULLAEV, R. A., and KH. D. DZHAFAROV. [Geological and geophysical characteristics of the oil- and gas-bearing area in Caspian Sea region of Azerbaijan] Geologo-geofizicheskaia kharakteristika Prikaspiiskogo neftenosnogo raiona Azerbaidzhana. Baku, Azerbaidzhanskoe gos. izd-vo, 1962. 164 p.

AKADEMIIA NAUK SSSR. Kompleksnaia iuzhnaia geologicheskaia ekspeditsiia, 1956- [Transactions of the General Southern Geological Expedition. Trudy] Pod red. I. O. Broda. Leningrad, Gostoptekhizdat.
No. 7. [Structural and geomorphological studies in the Caspian Sea region] Strukturno-geomorfologicheskie issledovaniia v Prikaspii. 1962. 511 p.

AKADEMIIA NAUK SSSR. Mezhvedomstvennyi komitet po provedeniiu Mezhdunarodnogo geofizicheskogo goda. [Studies of glaciers and glacial regions] *Issledovaniia* lednikov i lednikovykh raionov. Moskva, [In Russian with summaries in English]
No. 2. 1962. 233 p.

AKADEMIIA NAUK SSSR. Okeanograficheskaia komissiia. [Handbook on oceanographic instruments and equipment] Spravochnik po okeanograficheskim priboram i oborudovaniiu. Moskva, Izd-vo Akad. nauk SSSR, 1962. 141 p.

AKINCHITS, A. S. [Brest Province, geographical study] Brestskaia oblast'; geograficheskii ocherk. Minsk, Izd-vo M-va vysshego, srednego spetsial'nogo i professional'nogo obrazovaniia BSSR, 1962. 143 p. (Oblasti Belorusskoi SSR)

ARUTIUNIAN, N. A. [Armenia, a tourist's guide] Armeniia, turistskii putevoditel'. Erevan, Armianskoe gos. izd-vo, 1962. 160 p.

BALANDIN, B. A., and others. [Moscow - the Caucasus; railroad guide] Moskva - Kavkaz; zheleznodorozhnyi putevoditel'. Moskva, Transzheldorizdat, 1962. 185 p.

BERODZE, B. E. [Tskhaltubo thermal waters and the conditions of their radon enrichment] TSkhaltubskie termal'nye vody i uslovila obogashchenila ikh radonom. Tbilisi, Gos. izd-vo "Sabchota Sakartvello," 1962. 89 p.
[MICROFILM]

BLAUS, I. [Baldone; a tourist's guidebook to the resort and its environs] Baldone, turistskii putevoditel' po kurortu i ego okrestnostiam. Riga, Latvitskoe gos. izd-vo, 1962. 89 p.

BOROVKOVA, S. N. [Zvenigorod and its environs] Zvenigorod i *okrestnosti*. [Moskva] Mosk. rabochii, 1962. 149 p.

CHERNOVTSY. KRAEVEDCHESKII MUZEI. [Chernovtsy, handbook and guide] Chernivtsi, dovidnyk-putivnyk. Chernivtsy, Chernivets'ke obl. vyd-vo, 1959. 113 p.

CHERNYSHEV, B. I. [In the land of reindeer paths] V kraiu olen'ikh trop. [Irkutsk] Irkutskoe knizhnoe izd-vo, 1962. 61 p.

DZHIBUTI, S. S. [Geothermic conditions of underground waters of the western Turkmenian oil- and gas-bearing basin] Geotermicheskie usloviia podzemnykh vod Zapadno-Turkmenskogo neftegazonosnogo basseina. Moskva, Izd-vo Akad. nauk SSSR, 1962. 85 p.

EKHANIN, E. V., V. P. ZHDANOVA, and I. A. MITALEV. [Methods for the quantitative study of the tectogenesis of platform structures of the 3d order based on seismic prospecting data] Metod kolichestvennogo izucheniia tektogeneza platformennykh struktur III poriadka po materialam seismorazvedki. Red. D. F. Umantsev. Novosibirsk, Sibirskii nauchno-issl. in-t geol. geofiziki i mineral'nogo syr'ia, 1961. 29 p.

EKSHIBAROV, S. V. [Tectonics and some problems of oil and gas potentials of Mesozoic sediments in the southwestern end of the Gissar meganticline and the eastern part of the Kashka-Darya trough] Tektonika i nekotorye voprosy neftegazonosnosti mezozoiskikh otlozhenii iugo-zapadnogo okonchaniia Gissarskoi meganticlinali i vostochnoi chasti Kashkadar'inskoi vpadiny. Tashkent, Izd-vo Akad. nauk Uzbekskoi *SSR, 1962.* 125 p.

ENISEISKOE RECHNOE PAROKHODSTVO. [The Yenisey; handbook and guide from Munisinsk to Dudinka] Enisei; putevoditel'-spravochnik ot pristani Minusinsk do pristani Dudinka. Izd. 2., perer. i dop. [Krasnoiarsk] Krasnoiarskoe knizhnoe izd-vo, 1953. 208 p.
[PHOTOCOPY]

EVSEEVA, L. S., and A. I. PEREL'MAN. [Geochemistry of uranium in a supergene zone] Geokhimiia urana v zone gipergeneza. Moskva, Gosatomizdat, 1962. 238 p.

[FIFTEEN YEARS OF SOVIET LATVIA, 1940-1955] 15 let Sovetskoi Latvii, 1940-1955. [Sostaviteli i avtory tekstov: IA. Vanag i dr. Red. I. Plotke. Riga, Latvitskoe gos. izd-vo, 1955] 1 v. (unpaged, chiefly illus.)

FRIDMAN, V. G., comp. [Irkutsk; tourist's handbook] *Irkutsk, pamiatka turistu*. [Irkutsk] Irkutskoe knizhnoe izd-vo, 1961. 80 p.

GOGIA, G. [Tiflis, brief information for the tourist] Tbilisi, kratkie svedeniia dlia turista. Tbilisi, Gos. izd-vo "Sabchota Sakartvelo," 1962. 120 p.

[HYDROLOGICAL YEARBOOK] Gidrologicheskii ezhegodnik. Leningrad, Gidrometeor. izd-vo,
1959. Vol. 3. [Caucasian river basins] Basseiny *rek Kavkaza*.
Nos. 2-5. [Black Sea basin from the Kuban River basin to the border and the Caspian Sea basin southward from the Terek River basin to the border] Bassein Chernogo moria ot basseina r. Kuban' do gosudarstvennoi granitsy i bassein Kaspiiskogo moria k iugu ot basseina r. Terek do gosudarstvennoi granitsy. Pod red. T. N. Dzhaparidze. 1962. 376 p.

[HYDROLOGICAL YEARBOOK] Gidrologicheskii ezhegodnik. Leningrad, Gidrometeor. izd-vo.
1958. Vol. 4. [Caspian basin (except the Caucasus and Central Asia)] Bassein Kaspiiskogo moria (bez Kavkaza i Srednei Azii).
Nos. 4, 8. [Kuybyshev Reservoir (Volga River basin below Cheboksary and the Kama River basin from the Vyatka River to the Volga Hydroelectric Power Station) and the Volga River basin below the Volga Hydroelectric Power Station)] Kuibyshevskoe vodokhranilishche (bassein r. Volgi nizhe g. Cheboksary i bassein r. Kamy *nizhe* r. *Viatki - do Volzhskoi GES*) i bassein r. Volgi nizhe Volzhskoi GES. Pod red. G. N. Pavlovoi. 1961. 230 p.

IEHOROV, IU. IE. [Foreign visitors on the Soviet Ukraine] Zarubizhni hosti pro Radians'ku Ukrainu, Kyiv, *1962*. 64 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR. Serila IV, no. 7)

IUDENYCH, O. M. [Along the Ukrainian rivers] Po richkakh Ukrainy. 2., perer. ta dop. vyd. Za red. O. T. Dibrovy. Kyiv, Derzh. uchbovo-pedagog. vyd-vo "Radians'ka shkola," 1959. 372 p.

KASSIS, V. G., and K. A. PEREVOSHCHIKOV. [Malta in the horizon, traveller's notes] Na gorizonte Malta, putevye zametki. Moskva, Gos. izd-vo geogr. lit-ry, 1962. 20 p.

KIRSNYS, V. [Birstonas] Birštonas. [Vil'nius, Gos. izd-vo polit. i nauchn. lit-ry Litovskoi SSR, 1961] 1 v. (chiefly illus.)

[KOREA, general survey] Koreia; obshchii obzor. [n. p.] 1961. 265 p.

KRYMSKAYA OBLAST'. Ispolnitel'nyi komitet. [Administrative and territorial division of the Crimea as of June 15, 1960] Spravochnik administrativno-territorial'nogo delenila Krymskoi oblasti na 15 iiunia 1960 goda. Simferopol' Krymizdat, 1960. 157 p.
[MICROFILM]

KUKANOV, A. A. [Way to the hearth; a reporter's notebook] Doroga k serdtsu; reportazh. Tallin, Estonskoe gos. izd-vo, 1962. 87 p. (MH)

KYIV. Kiev. Kyiv, Derzh. vyd-vo obrazotvorchoho mystetstva i muzychnoi lit-ry URSR, 1961. 1 v. (chiefly illus.) [Parallel texts in Ukrainian, Russian, and English]

LATVIJAS LAUKU DZIVES VALSTS MUZEJS. [Latvian Ethnographical Museum] Latvijskii etnograficheskii muzei. Riga, M-vo kul'tury Latviiskoi SSR, 1960. 33 p.

LEBEDINSKII, V. I., and N. N. MAKAROV. [Volcanism of the Crimean Mountains] Vulkanizm Gornogo Kryma. Kiev, Izd-vo Akad. nauk USSR, 1962. 200 p.
[MICROFILM]

[LENINGRAD; tourist's companion] Leningrad; spravochnik turista. Ukazatel' k karte. [Leningrad] Lenizdat, 1962. 103 p. fold. map.

[LITHUANIA, THE BEAUTIFUL LAND] Lietuva i jos grazioji. Vilnius, Valstybine politines ir mokslines literatiros leidykla, 1960. [4] p. illus. [In Lithuanian]
——— ——— [Parallel texts in Lithuanian, Russian, German, and English] 34 p.

LORDKIPANIDZE, N. G. [Geographical definitions of the U. S. S. R.; for large libraries] Geograficheskoe opredelenie SSSR; dlia krupnykh bibliotek. Tbilisi, Izd. Gos. knizhnoi palaty Gruzinskoi SSR, 1960. 16 p.
[MICROFILM]

MATIUSHENKO, D. IA., and M. D. *MATIUSHENKO*. [Moscow - the Crimea; railroad guide] Moskva - Krym; zheleznodorozhnyi putevoditel'. [Moskva] Transzheldorizdat [1962] 103 p.

MEL'NICHUK, S. M. [Vitebsk Province; a geographical description] Vitebskaia oblast'; geograficheskii ocherk. Minsk, Izd-vo M-va vysshego, srednego spetsial'nogo i professional'nogo obrazovaniia BSSR, 1962. 158 p. (Oblasti Belorusskoi SSR)
[MICROFILM]

MEZENTSEV, V. A. [Are there miracles in nature?] Chi ie v prirodi chudesa. Kyiv, Vyd-vo "Molod'," 1958. 160 p.
(NIC)

NALIVKIN, D. V. [Geology of the U. S. S. R.] Geologiia SSSR. Moskva, Izd-vo Akad. nauk SSSR, 1962. 813 p.

NAUCHNOE SOVESHCHANIE PO IZUCHENIIU KARSTA. 3d, Moscow, 1956. [Special problems of the study of karst; its hydrogeology, hydrology, geochemistry, engineering geology, and minerals] Spetsial'nye voprosy karstovedeniia; gidrogeologiia, gidrologiia, geokhimiia, inzhenernaia geologiia i poleznye iskopaemye. [Doklady] Moskva, Izd-vo Akad. nauk SSSR, *1962*. 182 p.

OVCHINNIKOV, V. V. [Conquering the dragon] Pokorenie drakona. Moskva, Detgiz, 1961. 124 p.

PAP, A. M. [Magmatic and metamorphic complexes of the Pre-Cambrian of the White Russian S. S. R.] Magmaticheskie i metamorficheskie kompleksy dokembriia BSSR. Minsk, Izd-vo Akad. nauk BSSR, 1962. 231 p.

PETRENKO, I. G. [Isotopes in the geochemistry of caustobiolitha] Izotopy v geokhimii kaustobiolitov. Moskva, Izd-vo Akad. nauk SSSR, 1962. 86 p.

[PROBLEMS IN THE TECTONICS OF OIL- AND GAS-BEARING AREAS] Voprosy tektoniki neftegazonosnykh oblastei Moskva, Izd-vo Akad nauk SSSR, 1962 254 p

RUSSIA (1923- U S S R.) Glavnoe upravlenie geodezii i kartografii [A round trip from Moscow via "Inland waterway", a tourist itinerary] Moskovskaia krugosvetka, turistskaia marshrutnaia skhema Moskva, 1962. 1 v

RUSSIA (1923- U.S.S.R.) Glavnoe upravlenie geodezii i kartografii [The Volga and Don Valleys; the tourist's map] Povolzh'e i Don, turistskaia karta. Moskva, 1958 2 fold. maps [With text 57 p.]

RUSSIA (1923- U.S.S.R.) Ministerstvo geologii i okhrany nedr. [Geology of coal and combustible shale deposits in the U.S.S.R.] Geologiia mestorozhdenii uglia i goriuchikh slantsev SSSR. Glav. red. I.I Ammosov i dr. Moskva, Gosgeoltekhizdat.
Vol. 10. [Coal basins and deposits in Kamchatka and the northeastern part of the U.S.S.R.] Ugol'nye basseiny i mestorozhdeniia Severo-Vostoka SSSR i Kamchatki. Red-kollegiia: G.G. Popov i dr. 1962. 403 p.

SAAR, ASMU. [Aegviidu-Nelijarve. Translated from the Estonian] Aegviidu-Nelijarve, Tallinn, Estonskoe gos. izd-vo, 1959. 50 p.

SELIKHANOVICH, V.G. [Problems in geodesy] Zadachnik po geodezii. Moskva, Geodezizdat.
Pt.2. 1962. 270 p.

SEROVA, O.V., and S.G. SARKISIAN. [The gem of Eastern Siberia] Zhemchuzhina Vostochnoi Sibiri. Ulan-Ude, Buriatskoe knizhnoe izd-vo, 1961. 107 p.

[SEVASTOPOL, photographic sketch] Sevastopol', fotoocherk. Kiev, Gos izd-vo izobraz iskus i muzykal'noi lit-ry, 1961 1 v.

SHAPOREV, F.I. [Simeiz, regional study and guidebook] Simeiz, kraevedcheskii ocherk-putevoditel'. Izd. 2. Simferopol', Krymizdat, 1962. 87 p.

SHILIAPOSHNIKOV, V.I., and I.A. KIRILLOV. [On foot across the Crimea] Peshkom po Krymu Simferopol', Krymizdat, 1955. 196 p

SIMONIIA, N.A. ["The island of a great river."] Ostrov bol'shoi reki Moskva, Izd-vo vostochnoi lit-ry, 1962 156 p.

SIUTKIN, A.V., and M.P. CHUKICHEV. [The Komi A.S.S.R.; concise handbook] Komi ASSR, kratkii spravochnik. Syktyvkar, Komi knizhnoe izd-vo, 1962. 133 p.

SUKHANOVA, S.N. [Pleasure trips by launch from Alushta to Foros.] Morskie progulki; ot Alushty do Forosa - na katere. Simferopol', Krymizdat, 1962, 79 p.

[TOWARD THE SNOWY PEAKS OF THE CAUCASUS, reminiscences of mountain climbers] K sedoglavym vershinam Kavkaza; vospominaniia al'pinistov. [Stavropol] Stavropol'skoe knizhnoe izd-vo, 1962. 182 p.

TSKHAKAIA, S.G. [Cartography. Kartografiia. Tbilisi, Izd-vo TGU] 1962. 331 p. [In Georgian]

VARENTSOV, M.I., and G.E. RIABUKHIN. [Sahara oil] Neft' Sakhary. Moskva, Izd-vo "Znanie," 1962, 51 p. (Novoe v zhizni, nauke, tekhnike. XII Seriia: Geologiia i geografiia, no. 23)

VILNA. Vietinio ukio valdyba. [Vilnius; (addresses and information)] Vilnius; [adresai ir informacijos] Vilnius, 1960. 239 p. [In Lithuanian]

VLADIMIROV, L.A. [Mean annual runoff of the rivers of Georgia] Srednii godovoi stok rek Gruzii Tbilisi, Akad. nauk Gruzinskoi SSR, 1962. 121 p.

VORONTSOV, E.A. [Yalta; handbook and guide] Ialta, putevoditel'-spravochnik. Izd. 2. Simferopol', Krymizdat, 1962. 125 p.

VOSKRESENSKII, K.P. [Norm and variations of the annual runoff of Soviet Union rivers] Norma i izmenchivost' godovogo stoka rek Sovietskogo Soiuza. Leningrad, Gidrometeoizdat, 1962. 543 p.
——— [Maps of the annual average runoff of U.S.S.R. rivers on a 1:5,000,000 scale (eight sheets) and on a 1:10,000,000 scale (one sheet)] Karty srednego godovogo stoka rek SSSR v masshtabakh 1:5,000,000 (na 8 listakh) i 1:10,000,000 (na 1 liste)

VSESOIUZNOE SOVESHCHANIE PO VOPROSAM MINERALOGII I PETROGRAFII OSADOCHNYKH POROD 3d, Baku, 1956 [Transactions of the Third All-Union Conference on the Lithology and Mineralogy of Sedimentary Rocks] Trudy, Baku, Izd-vo Akad. nauk Azerbaidzhanskoi SSR, 1962. 265 p

VSESOIUZNYI TSENTRAL'NYI SOVET PROFESSIONAL'NYKH SOIUZOV. Turistsko-ekskursionnoe upravlenie [Excursions around Moscow, its suburbs and museums] Ekskursii po Moskve, prigorodam i muzeiam. Moskva, Profizdat, 1947. 103 p

13. SCIENCE

AKADEMIIA NAUK AZERBAIDZHANSKOI SSR, Baku. [Bibliography of the publications of the Academy of Sciences of Azerbaijan, 1945-1959] Bibliografiia, 1945/1959, Baku, 1962. 675 p.
(NNM)

AKADEMIIA NAUK GRUZINSKOI SSR, Tiflis. [Contemporary problems of morphology, physiology and pathology, collection of papers dedicated to the 90th anniversary of Vladimir Vasil'evich Voronin's birth] Sovremennye problemy morfologii, fiziologii i patologii, sbornik trudov, posviashchennyi Vladimiru Vasil'evichu Voroninu v sviazi s 90-letiem so dnia rozhdeniia. Tbilisi, Izd-vo Akad nauk Gruzinskoi SSR, 1962. 265 p. [With summaries in English]

AKADEMIIA NAUK KAZAKHSKOI SSR, Alma-Ata. Botanicheskii sad. [Woody plants of the Alma-Ata Botanical Garden] Drevesnaia rastitel'nost' Alma-Atinskogo botanicheskogo sada. Pod red. A.M. Musheglana. Alma-Ata, Izd-vo Akad. nauk Kazakhskoi SSR, 1962. 328 p.

AKADEMIIA NAUK SSSR. Institut genetiki. [Action of ionizing radiation on organisms] Deistvie ioniziruiushchikh izluchenii na organizm. Moskva, Izd-vo Akad. nauk SSSR, 1962. 205 p.

AKADEMIIA NAUK SSSR. Institut khimicheskoi fiziki [Atlas of electron paramagnetic resonance spectra, theoretically computed multicomponent symmetric spectra] Atlas spektrov elektronnogo paramagnitnogo rezonansa; teoreticheski rasschitannye mnogokomponentnye simmetricheskie spektry. Moskva, Izd-vo Akad. nauk SSSR, 1962. 228 p.

AKADEMIIA NAUK SSSR. Institut zemnogo magnetizma, ionosfery i rasprostraneniia radiovoln. Irkutsk. Moskva. (its Materialy ionosfernykh issledovanii)
May-June. 1959. 1962. 63 p.
[MICROFILM]

AKADEMIIA NAUK SSSR. Institut zemnogo magnetizma, ionosfery i rasprostraneniia radiovoln. Leningrad, Moskva. (its Materialy ionosfernykh issledovanii)
Sept.-Oct. 1959. 1962. 63 p.
Nov.-Dec. 1959. 1962. 59 p.
[MICROFILM]

AKADEMIIA NAUK SSSR. Institut zemnogo magnetizma, ionosfery i rasprostraneniia radiovoln. Sverdlovsk Moskva. (its Materialy ionosfernykh issledovanii)
May-June 1958 1962 63 p
July-Aug. 1958. 1962. 67 p
Sept.-Oct. 1958. 1962. 63 p
Nov.-Dec. 1958. 1962 56 p.
[MICROFILM]

AKADEMIIA NAUK SSSR. Mezhduvedomstvennyi geofizicheskii komitet. [Annotated bibliography of works on the numerical methods of short-range forecasting] Annotirovannaia bibliografiia rabot po probleme chislennykh metodov kratkosrochnogo prognoza. Sost. A.S. Chaplygin. Pod red. A.M. Iaglома. Moskva.
Vols. 1-3. 1962.

AKADEMIIA PEDAGOGICHESKIKH NAUK RSFSR. Moscow. Institut vechernikh (smennykh) i zaochnykh srednikh shkol. [Effectiveness of teaching mathematics in evening (staggered) schools] Ob effektivnosti prepodavaniia matematiki v vechernei (smennoi) shkole. Pod red. D.K. Dashkovskogo. Moskva, Izd-vo Akad. pedagog. nauk RSFSR, 1962. 119 p. (Pedagogicheskie chteniia)

ANDREEV, K.K. [Wonders of the sea] Chudesa moria. Moskva, "Detskii mir," 1960. 34 p.
(MIDW)

ANTIPOV, N.I. [How plants feed and grow] Kak pitaiutsia i rastut rasteniia. [Riazan'] Riazanskoe knizhnoe izdatel'stvo, 1962. 166 p.

ARBUZOV, B.A., and others. [K_{e4} -decays and isoscalar $\pi\pi$-resonance at low energies] K_{e4} -raspady i izoskaliarnyi $\pi\pi$-rezonans pri maloi energii. Dubna, Ob"edinennyi in-t iadernykh issledovanii, 1962. 4 p. [With summary in English]

ARNOL'DI, I.A. [Acclimatization of man in the north and south] Akklimatizatsiia cheloveka na Severe i IUge. Moskva, Medgiz, 1962 71 p (Nauchno-populiarnaia meditsinskaia literatura)

[ASTRONOMICAL CALENDAR YEARBOOK FOR 1963 Varying part] Astronomicheskii kalendar' Ezhegodnik Peremennaia chast', 1963 Red kollegiia P.I Bakulin i dr Moskva, Fizmatgiz, 1962 287 p (Vsesoiuznoe astronomo-geodezicheskoe obshchestvo, no 66)

BELIAKOV, V.M., R.I. KRAVTSOVA, and M.G. RAPPOPORT. [Tables of elliptic integrals] Tablitsy ellipticheskikh integralov. Moskva, Izd-vo Akad. nauk SSSR.
Vol. 1. 1962. 655 p.

BIANKI, V.V [Forestry newspaper for each year] Lesnaia gazeta na kazhdyi god. Leningrad, Gos izd-vo detskoi lit-ry, 1961 470 p (Shkol'naia biblioteka)
(MIDW)

BIELIANKIN, F.P. [Effect of gravitation of the moon and sun on crustal tectonic processes] Tektonichni protsesy v zemnii kori pid gravitatsiinym vplyvom Misiatsia ta Sontsia Kyiv, Vyd-vo Akad. nauk URSR, 1962. 51 p.

BURES, JAN, MOJMIR PETRAN, and JOZEF ZACHAR. [Electrophysiological methods of research. Translated from the Czech] Elektrofiziologicheskie metody issledovaniia. Pod red. i s predisl. G.D. Smirnova. Moskva, Izd-vo inostr. lit-ry, 1962. 454 p.

DEMETRADZE, N.I., and SH.S. TOIDZE. [Topographic anatomy. Topograficheskaia anatomiia Tbilisi, Gos. izd-vo uchebno-pedagog. lit-ry "TSodna"] 1961 343 p. [In Georgian]
(DNLM)

DENYSOVA, O.I., and IU.I. MAISTRENKO. [Hydrochemistry of Kakhovka Reservoir] Hidrokhimiia Kakhovs'koho vodoimyshcha. Kyiv, Vyd-vo AN URSR, 1962. 190 p

DORFMAN, IA.G. [Lavoisier] Lavuaz'e. 2., perer. izd. Moskva, Izd-vo Akad. nauk SSSR, 1962. 324 p.

DVORZHETSKII, V.A. [Textbook on descriptive geometry] Uchebnoe posobie po nachertatel'noi geometrii. Leningrad, Leningr. elektrotekhn. in-t sviazi im. M.A. Bonch-Bruevicha, 1961. 43 p.

EGOROV, A.G. [Baikal sturgeon Acipenser baeri stenorrhynchus natio baicalensis A. Nikolski, taxonomy, biology, fisheries, stocks, and their reproduction] Baikal'skii osetr - Acipenser baeri stenorrhynchus natio baicalensis A. Nikolski; sistematika, biologiia, promysel, syr'evaia baza i vosproizvodstvodstvo zapasov. Pod obshchei red. K.I. Misharina. Ulan-Ude, Buriatskii kompleksnyi nauchno-issl. in-t, 1960. 119 p.

FILIPPOV, E.M. [Applied nuclear geophysics, use of sources of nuclear radiation in geology and geophysics] Prikladnaia iadernaia geofizika, primenenie istochnikov iadernogo izlucheniia v geologii i geofizike. Pod obshchei red. L.S. Polaka. Moskva, Izd-vo Akad. nauk SSSR, 1962. 579 p.

FILIPPOV, V.R. [Cytotoxic stimulation of immunity] Tsitotoksicheskaia stimuliatsiia immuniteta. Ulan-Ude, Buriatskoe knizhnoe izd-vo, 1960. 276 p.

GAIGEROV, S.S. [Problems of aerological structure, circulation and climate of the free atmosphere in the central Arctic and in the Antarctic] Voprosy aerologicheskogo stroeniia, tsirkuliatsii i klimata svobodnoi atmosfery TSentral'noi Arktiki i Antarktiki. Moskva, Izd-vo Akad. nauk SSSR, 1962. 317 p. (Akademiia nauk SSSR. Mezhduvedomstvennyi komitet po provedeniiu Mezhdunarodnogo geofizicheskogo goda. II razdel programmy MMG: Meteorologiia, no. 4) [With summary in English]

GAKHOKIDZE, A.M., and B.V. IVANOV. [Organic chemistry. Organicheskaia khimiia. Tbilisi, Izd-vo Gruzinskogo ordena Trudovogo Krasnogo znameni sel'khoz. in-ta,] 1962. 451 p. [In Georgian]

GELBAKHIANI, P.G. [Medicinal resources of Georgia] Lekarstvennye bogatstva Gruzii. Tbilisi, Izd-vo Akad. nauk Gruzinskoi SSR, 1961. 77 p

GOLOVIN, B.M., and others. [On the reduction of NN-scattering amplitudes in T=0 states] O vosstanovlenii amplitudy NN-rasseianiia v sostoianiiakh T=0. Dubna, Ob"edinennyi in-t iadernykh issledovanii, 1962. 8 p.

GUNDZHUA, T. CH [Manual for a special physics laboratory. Rukovodstvo k spetsial'noi laboratorii po fizike. Tbilisi, Gos izd-vo uchebno-pedagog. lit-ry "TSodna"] 1958. 159 p. [In Georgian]

GUSEINOV, A. I., and M. A. DZHAVADOV. [Development of mathematics in Soviet Azerbaijan] Sovet Azerbaichanynda rifaziiiat elminin inkishafy, 1920-1960-chy iiler. Baky, Azerbaichan dovlet neshriiiaty, 1962. 137 p. [In Azerbaijani]

GUTER, R. S., and A. R. IANPOL'SKII. [Differential equations] Differentsial'nye uravneniia. Moskva, Fizmatgiz, 1962. 246 p. (Izbrannye glavy vysshei matematiki dlia inzhenerov i studentov vtuzov)

GUTER, R. S., and B. V. OVCHINSKII. [Elements of numerical analysis and mathematical processing of experimental results] Elementy chislennogo analiza i matematicheskoi obrabotki rezul'tatov opyta. Moskva, Fizmatgiz, 1962. 354 p.

INTERNATIONAL CONGRESS OF BIOCHEMISTRY. 5th, Moscow, 1961 [Biological structures and functions at the molecular level, symposium I] Biologicheskie struktury i funktsii na molekuliarnom urovne, simpozium I. Moskva, Izd-vo Akad nauk SSSR, 1962 293 p. (Its Trudy)

INTERNATIONAL CONGRESS OF BIOCHEMISTRY, 5th, Moscow, 1961 [Functional biochemistry of cell structures, symposium II] Funktsional'naia biokhimiia kletochnykh struktur, simpozium II 1962 314 p (Its Trudy)
[MICROFILM]

KAGAN, IU., ed. [The Mössbauer effect] Effekt Messbauera, sbornik statei. Moskva, Izd-vo inostr. lit-ry, 1962. 444 p

KAIDANOVSKII, N. L. [Unseen universe, essays on the achievements of radio astronomy] Nevidimaia Vselennaia, ocherki dostizhenii radioastronomii Leningrad, Ob-vo po rasprostraneniiu polit. i nauchn znanii RSFSR, 1962 62 p

KEMKHADZE, SH. S. [Higher algebra. Vysshaia algebra. Tbilisi, Gos izd-vo uchebno-pedagog. lit-ry "TSodnia,"] 1962 493 p. [In Georgian]

KHARADZE, A. K., and others. [Course in mathematical analysis Kurs matematicheskogo analiza Tbilisi, Izd-vo TGU, In Georgian]
Vol. 2. 1962 507 p

KHARKOV UNIVERSYTET. Kavkazskaia ekspeditsiia. [Materials of the Caucasian Expedition (under the program of the International Geophysical Year)] Materialy Kavkazskoi ekspeditsii (po programme Mezhdunarodnogo geofizicheskogo goda) Khar'kov, Izd-vo Khar'kovskogo gos. univ.
Vol. 3. 1961. 439 p

KHAZHALIIA, G. IA. [Theory of ordinary differential equations Teoriia obyknovennykh differentsial'nykh uravnenii Tbilisi, Gos. izd-vo uchebno-pedagog lit-ry Gruzinskoi SSR "TSodna"] 1961. 341 p. [In Georgian]

KHRENOV, L. S. [Lectures on geodesy, errors in measurements, local nets, leveling] Lektsii po geodezii, oshibki izmerenii, seti mestnogo znacheniia, nivelirovanie. Moskva, Geodezizdat, 1962. 111 p.

KIRCHHOFF, G. R. [Mechanics, lectures on mathematical physics] Mekhanika; lektsii po matematicheskoi fizike. Moskva, Izd-vo Akad. nauk SSSR, 1962 401 p.

KOKOCHASHVILI, V. I. [Molecular structure] Stroenie molekul. Tbilisi, Izd-vo AN Gruzinskoi SSR, 1962. 101 p. [In Georgian]

KONFERENTSIIA PO METODAM FIZIOLOGICHESKIKH ISSLEDOVANII CHELOVEKA. [Materials of the Conference on Methods for the Physiological Study of Man] Materialy. Pod red. A. A. Letaveta, V. S. Farfelia Moskva, In-t gigieny truda i profzabolevanii AMN SSSR, 1962. 207 p.

KOROSTELEV, N. B. [Animals and the health of man] Zhivotnye i zdorov'e cheloveka. Moskva, Izd-vo "Znanie," 1962. 55 p. (Narodnyi universitet kul'tury. Fakul'tet zdorov'ia, no. 11)

[illegible] orld [illegible] uchn. [illegible]

KRYLOV, G. V. [Birch forests in Tomsk Province and their types] Berezovye lesa Tomskoi oblasti i ikh tipy. Pod red. S. I. Gluzdakova. Novosibirsk, Akad. nauk SSSR, 1953. 121 p. (ICMILC)

KURENTSOVA, G. E. [Vegetation of the Khanka Plain and surrounding foothills] Rastitel'nost' Prikhankaiskoi ravniny i okruzhaiushchikh predgorii Moskva, Izd-vo Akad nauk SSSR, 1962. 137 p

KVALIASHVILI, G. A. [Oncophora (Rzckakia) horizon of Eurasia] Onkoforovyi (rzegakievyi) gorizont Evrazii Tbilisi, Izd-vo Akad. nauk Gruzinskoi SSR, 1962 231 p

LAVRUKHINA, A. K., and G. M. KOLESOV [Formation of chemical elements in cosmic bodies] Obrazovanie khimicheskikh elementov v kosmicheskikh telakh Moskva, Gosatomizdat, 1962 171 p. (Nauchno-populiarnaia biblioteka gosatomizdata)

LENINGRAD. ARKTICHESKII I ANTARKTICHESKII NAUCHNO-ISSLEDOVATEL'SKII INSTITUT. [Dickson Island] Ostrov Dikson. Moskva. (Its Materialy ionosfernykh issledovanii)

Jan.-Feb	1958	1962	31 p
May-June	1958.	1962.	37 p.
July-Aug.	1958	1962.	43 p
Nov.-Dec	1958	1962	29 p
Jan.-Feb.	1959	1962.	34 p
Mar.-Apr	1959	1962.	35 p
May-June	1959.	1962.	33 p.
July-Aug.	1959.	1962.	38 p.
Sept.-Oct	1959.	1962.	35 p.

[MICROFILM]

LENINGRAD. ARKTICHESKII I ANTARKTICHESKII NAUCHNO-ISSLEDOVATEL'SKII INSTITUT. [Kheysa Island] Ostrov Kheisa. Moskva. (Its: Materialy ionosfernykh issledovanii)
Jan.-Feb. 1959. 1962. 33 p.
[MICROFILM]

LENINGRAD. ARKTICHESKII I ANTARKTICHESKII NAUCHNO-ISSLEDOVATEL'SKII INSTITUT. [Tikhaya Bay] Bukhta Tikhaia. Moskva. (Its Materialy ionosfernykh issledovanii)
Nov.-Dec. 1957. 1962. 28 p.
Jan.-Feb. 1958. 1962. 31 p.
Mar.-Apr. 1958. 1962. 35 p.
July-Aug. 1958. 1962. 41 p.
[MICROFILM]

LENINGRAD. ARKTICHESKII I ANTARKTICHESKII NAUCHNO-ISSLEDOVATEL'SKII INSTITUT. [Tiksi Bay] Bukhta Tiksi. Moskva (Its. Materialy ionosfernykh issledovanii)
May-June 1959. 1962. 35 p.
[MICROFILM]

LENINGRAD. ELEKTROTEKHNICHESKII INSTITUT SVIAZI [Tables and formulas of sums of series of the type

$$\sum_{n=1}^{\infty} e^{-rn^2} \cos nx \quad \text{and} \quad \sum_{n=1}^{\infty} \frac{e^{-rn^2}}{n} \sin nx$$

Tablitsy i formuly summ riadov vidov

$$\sum_{n=1}^{\infty} e^{-rn^2} \cos nx \quad \text{i} \quad \sum_{n=1}^{\infty} \frac{e^{-rn^2}}{n} \sin nx$$

Pod red. A. M. Zaezdnogo. Leningrad, 1958. 73 p.

LENINGRAD. ELEKTROTEKHNICHESKII INSTITUT SVIAZI. [Tables and formulas of sums of trigonometric series of the type

$$\sum_{n=1}^{\infty} \frac{I_n(r)}{n^2+a^2} \cos nx \quad \text{and} \quad \sum_{n=1}^{\infty} \frac{nI_n(r)}{n^2+a^2} \sin nx,$$

textbook] Tablitsy i formuly summ trigonometricheskikh riadov vidov

$$\sum_{n=1}^{\infty} \frac{I_n(r)}{n^2+a^2} \cos nx \quad \text{i} \quad \sum_{n=1}^{\infty} \frac{nI_n(r)}{n^2+a^2} \sin nx,$$

uchebnoe posobie. Pod red. A. M. Zaezdnogo. Leningrad, 1961. 47 p.

LENINGRAD. ELEKTROTEKHNICHESKII INSTITUT SVIAZI. [Tables and formulas of sums of trigonometric series of the type

$$\sum_{n=1}^{\infty} \frac{J_n(r)}{n^2+a^2} \cos nx \quad \text{and} \quad \sum_{n=1}^{\infty} \frac{nJ_n(r)}{n^2+a^2} \sin nx,$$

textbook for students] Tablitsy i formuly summ trigonometricheskikh riadov vidov

$$\sum_{n=1}^{\infty} \frac{J_n(r)}{n^2+a^2} \cos nx \quad \text{i} \quad \sum_{n=1}^{\infty} \frac{nJ_n(r)}{n^2+a^2} \sin nx;$$

uchebnoe posobie dlia studentov. Pod red. A. M. Zaezdnogo. Leningrad, 1961. 91 p.

LEVICH, V. G. [Course in theoretical physics] Kurs teoreticheskoi fiziki. Moskva, Fizmatgiz,
Vol. 1. [Electromagnetic field theory. Relativity theory. Statistical physics] Teoriia elektromagnitnogo polia. Teoriia otnositel'nosti. Statisticheskaia fizika. 1962. 695 p.

LIVENTSEV, N. M. [Methodological textbook for the arrangement of practical work in a physics class Use of a dosimeter in studying X-ray absorption by various substances] Metodicheskoe posobie dlia postanovki i vypolneniia v fizicheskom praktikume raboty Issledovanie poglosheniia rentgenovskogo izlucheniia razlichnymi veshchestvami s pomoshch'iu dozimetra Moskva, Pervyi MOLMI, 1961. 12 p.
[MICROFILM]

MAMAEV, B. M. [Gall midges, their biology and economic significance] Galitsy, ikh biologiia i khoziaistvennoe znachenie. Moskva, Izd-vo Akad. nauk SSSR, 1962. 71 p.

MANIIA, G. M. [Course in probability theory] [Kurs teorii veroiatnostei Tbilisi, Izd-vo Tbilisskogo univ.] 1962. 338 p. [In Georgian]

MARTIN, PAUL, and JULIAN SCHWINGER. [Theory of many-particle systems. Brownian motion of a quantum oscillator. Translated from the English] Teoriia sistem mnogikh chastits. Brounovskoe dvizhenie kvantovogo ostsilliatora [by] Julian Schwinger. Moskva, Izd-vo inostr. lit-ry, 1962. 107 p.

MIKHEL'SON, V. S. [Elements of computer mathematics] Elementy vychislitel'noi matematiki Moskva, Vysshaia shkola, 1962. 269 p.

MISHCHENKO, Z. A. [Daily variations of air temperature and its agroclimatic significance] Sutochnyi khod temperatury vozdukha i ego agroklimaticheskoe znachenie. Leningrad, Gidrometeoizdat, 1962. 199 p.

MOSCOW. ENERGETICHESKII INSTITUT. [Physical gas dynamics, heat transfer, and the thermodynamics of gases at high temperatures] Fizicheskaia gazodinamika, teploobmen i termodinamika gazov vysokikh temperatur. Moskva, Izd-vo Akad nauk SSSR, 1962 311 p.

MOSCOW. INSTITUT INZHENEROV ZEMLEUSTROISTVA. Kafedra vysshei matematiki. [Problems of elementary mathematics essential for the study of geodesy] Voprosy elementarnoi matematiki neobkhodimoi pri izuchenii geodezii. Sost. V. N. Golubin, A. M. Ivashkin, T. L. Kirichakova. Pod red. A. K. Uspenskogo. Moskva, Izd-vo geodez. lit-ry, 1962. 67 p.
[MICROFILM]

MOSKALENKO, V. A. [Calculation of the thermodynamic potential of quantum systems] Vychislenie termodinamicheskogo potentsiala kvantovykh sistem. Moskva, Akad. nauk SSSR, 1961. 50 p.
[MICROFILM]

NEDVEDIUK, K., and others. [Angular distributions of α-particles and total cross sections for the reaction $C^{12}(t,\alpha_0)B^{11}$] Uglovye raspredeleniia α-chastits i polnye secheniia reaktsii $C^{12}(t,\alpha_0)B^{11}$. Dubna, Ob"edinennyi in-t iadernykh issledovanii, 1962. 6 p. [With summary in English]

NEKRASOV, A. I. [Collected works] Sobranie sochinenii, Moskva, Izd-vo Akad. nauk SSSR,
Vol. 2. 1962. 700 p.

NIKOLAEV, N. S., E. S. KOZLOV, and N. P. POLOKHOVNIK. [The USM-1 analog computer for solving boundary value problems of equations in mathematical physics] Analogovaia matematicheskaia mashina USM-1; dlia resheniia kraevykh zadach uravnenii matematicheskoi fiziki. Moskva, Mashgiz, 1962. 203 p.

NOVIKOV, I. I. [Is everything expedient in living nature?] Vse li tselesoobrazno v zhivoi prirode. Leningrad, Vses. ob-vo po rasprr. polit. i nauchn. znanii RSFSR, 1961. 50 p.

NOVOSELOV, S. I. [Special course in elementary algebra] Spetsial'nyi kurs elementarnoi algebry. Izd. 6. Moskva, Gos. izd-vo "Vysshaia shkola," 1962. 563 p.

NUDEL'MAN, A. V. [Soviet expeditions to the Antarctica, 1959-1961] Sovetskie ekspeditsii v Antarktiku, 1959-1961 gg. Otvet. red. B. I. Sitkin. Moskva, Izd-vo Akad. nauk SSSR, 1962. 149 p. [With summary in English]

ODISHARIIA, K. IU. [Characteristics of the growth and development of main evergreen angiospermous plants on the Black Sea coast of the Caucasus] Osobennosti rosta i razvitiia glavneishikh vechnozelenykh pokrytosemennykh rastenii Chernomorskogo poberezh'ia Kavkaza. Tbilisi, Izd-vo Akad. nauk Gruzinskoi SSR, 1961. 264 p.

OREKHOVICH, V.N., and V.O. SHPIKITER. [Biological role, characteristics and structure of soluble collagenlike proteins (procollagens), read at the 16th annual Bakh Lecture on March 17, 1962] Biologicheskoe znachenie, svoistva i strocnie rastvorimykh kollagenopodobnykh belkov (prokollagenov), dolozheno na vosemnadtsatom ezhegodnom Bakhovskom chtenii 17 marta 1962 g. Moskva, Izd-vo Akad. nauk SSSR, 1962. 29 p. (Bakhovskie chtenila, no. 16)

OSIPIAN, L. L. [Parasitic hyphal fungi of the Armenian S. S. R.] Parazitnye gifal'nye griby Armianskoi SSR, Erevan, Izd-vo Erevanskogo gos. univ., 1962. 206 p.

PARAMONOV, A. A. [Fundamentals of plant helminthology] Osnovy fitogel'mintologii. Moskva, Izd-vo Akad. nauk SSSR.
Vol. 1. [Origin of nematodes. Ecologic and morphologic characteristics of plant nematodes. General principles of taxonomy] Proiskhozhdenie nematod. Ekologo-morfologicheskaia kharakteristika fitonematod. Obshchie printsipy taksonomii. 1962. 478 p.

PREDVODITELEV, A. S., and others. [Tables of the thermodynamic functions of air for temperatures from 200° to 6000°K and pressures from 0.00001 to 100 atm.] Tablitsy termodinamicheskikh funktsii vozdukha; dlia temperatur ot 200 do 6000 K i davlenii ot 0,00001 do 100 atmosfer. Moskva, Akad. nauk SSSR, Vychislitel'nyi tsentr, 1962. 267 p.

PSIEZHETSKII, S. IA. [Mechanism of radiation-chemical reactions] Mekhanizm radiatsionno-khimicheskikh reaktsii. Moskva, Goskhimizdat, 1962. 300 p.

RASSHIRENNAIA NAUCHNAIA KONFERENTSIIA INSTITUTA MOZGA, 1959. [Structure and function of the analysors of man in ontogenesis] Struktura i funktsiia analizatorov cheloveka v ontogeneze; trudy. Pod obshchei red. S. A. Sarkisova. Moskva, Medgiz, 1961. 296 p. [With summaries in English]

RZHEVSKII, B. M. [Traveling neste] Puteshestvuiushchie gnezda. Moskva, 1961. 15 p.

SAAKIAN, R. A. [Probability of capture in the problem of three bodies] O veroiatnosti zakhvata v zadache trekh tel. Erevan, Izd-vo Akad. nauk Armianskoi SSR, 1961. 55 p.

SEGAL, D. I., and K. A. SEMENDIAEV. [Five-place mathematical tables] Piatiznachnye matematicheskie tablitsy. Izd. 3. Moskva, Fizmatgiz, 1962. 463 p.

SHIRKOV, D. V. [Dispersion theories of low-energy scattering (TF-2)] Dispersionnye teorii nizkoenergeticheskogo rasseianiia (TF-2). Novosibirsk, Akad. nauk SSSR, In-t matem. s Vychislitel'nym tsentrom, 1961. 10 p.

SHVEDOV, V. P., and S. I. SHIROKOV, eds. [Radioactive pollution of the external environment] Radioaktivnye zagriazneniia vneshnei sredy. Moskva, Gosatomizdat, 1962. 274 p.

SILKIN, B. I., V. A. TROITSKAIA, and N. V. SHEBALIN. [Our unknown planet] Nasha neznakomaia planeta; itogi Mezhdunarodnogo geofizicheskogo goda. Moskva, Izd-vo Akad. nauk SSSR, 1962. 202 p.

SIMONOV, P. V. [K. S. Stanislavskii's method and the physiology of the emotions] Metod K. S. Stanislavskogo i fiziologiia emotsii. Moskva, Izd-vo Akad. nauk SSSR, 1962. 137 p.

SOKOLOV, S. N., and K. D. TOLSTOV. [Verification of counting efficiency and estimating the true number of events] Kontrol' effektivnosti nabliudenii i otsenka istinnogo chisla sobytii. Dubna, Ob"edinennyi in-t iadernykh issledovanii, 1962. 10 p. [With summary in English]

SOLOV'EV, L. D. [Infrared singularities in electron-proton scattering] Infrakrasnye osobennosti v elektron-protonnom rasseianii. Dubna, Ob"edinennyi in-t iadernykh issledovanii, 1962. 4 p. [With summary in English]

SOVESHCHANIE PO SEREBRISTYM OBLAKAM, 3d, Tallinn, 1961. [Transactions of the Conference on Noctilucent Clouds] Trudy. Tallinn, Akad. nauk Estonskoi SSR, 1960. 139 p.

STEPANOVA, E. F. [Vegetation and flora of the Tarbagatay Range] Rastitel'nost' i flora khrebta Tarbagatai. Alma-Ata, Izd-vo Akad. nauk Kazakhskoi SSR, 1962. 433 p.

STOILOW, SIMION. [Theory of functions of complex variables. Translated from the Rumanian] Teoriia funktsii kompleksnogo peremennogo. Moskva, Izd-vo inostr. lit-ry.
Vol. 2. (Napisan pri sotrudnichestve Kabirii Andreian Kazaku). 1962. 416 p.

TARUSOV, B. N. [Primary reactions of radiation injury] Pervichnye protsessy luchevogo porazheniia. Moskva, Gosatomizdat, 1962. 95 p.

TIMOFEEV, V. T., and V. V. PANOV. [Indirect methods for the separation and analysis of water masses] Kosvennye metody vydeleniia i analiza vodnykh mass. Leningrad, Gidrometeoizdat, 1962. 350 p.

VASIL'KOV, I. A. [With a motion-picture camera in the world of insects, scenario.] S kinoapparatom v mire nasekomykh, stsenarii. [Moskva] Iskusstvo, 1962. 133 p.

VEKUA, A. K. [Lower Pleistocene fauna of mammals of Akhalkalaki] Akhalkalakskaia nizhnepleistotsenovaia fauna mlekopitaiushchikh. Tbilisi, Izd-vo Akad. nauk Gruzinskoi SSR, 1962. 206 p. [In Georgian with summary in Russian]

VOSTOKOVA, E. A., A. V. SHAVYRINA, and S. G. LARICHEVA. [Handbook on indicator plants for ground waters and soils in southern deserts of the U. S. S. R.] Spravochnik po rasteniiam-indikatoram gruntovykh vod i pochvo-gruntov dlia iuzhnykh pustyn' SSSR. Pod red. S. V. Viktorova. Moskva, Gosgeoltekhizdat, 1962. 123 p. plates

VSESOIUZNOE SOVESHCHANIE PO POLIAROGRAFICHESKOMU ANALIZU, 1st, 1959. [Theory and practice of polarographic analysis] Teoriia i praktika poliarograficheskogo analiza, materialy. Kishinev, Izd-vo "Shtiintsa" Akad. nauk Moldavskoi SSR, 1962. 425 p.

VSESOIUZNOE SOVESHCHANIE PO TEORII VEROIATNOSTEI I MATEMATICHESKOI STATISTIKE I KOLLOKVIUMA PO RASPREDELENIIAM V BESKONECHNOMERNYKH PROSTRANSTVAKH, 6th, Vilnius, Palanga, 1960. [Transactions of the Sixth Conference on Probability Theory and Mathematical Statistics, and of the Colloquy on Distributions in Infinite-Dimensional Spaces] Trudy. Vil'nius, Gos. izd-vo polit. i nauchn. lit-ry Litovskoi SSR, 1962. 493 p.

VYGODSKII, M. IA. [Handbook on elementary mathematics, tables, arithmetic, algebra, geometry, trigonometry, functions, and graphs] Spravochnik po elementarnoi matematike, tablitsy, arifmetika, algebra, geometriia, trigonometriia, funktsii i grafiki. Izd. 14. Moskva, Fizmatgiz, 1962. 420 p.

WHEELER, JOHN A. [Gravitation, neutrinos, and the universe. Translated from the English] Gravitatsiia, neitrino i Vselennaia. Pod red. D. Ivanenko. Moskva, Izd-vo inostr. lit-ry, 1962. 403 p. (Problemy fiziki) [Publ. in English as: Neutrinos, gravitation and geometry. Russian edition has additional articles by author and others]

ZASTAVENKO, L. G., and A. CHILOK. [Angular and energy distributions of fast μ-mesons penetrating deep into the earth from the atmosphere] Uglovoe i energeticheskoe raspredelenie bystrykh μ-mezonov, pronikshikh iz atmosfery na bol'shuiu glubinu v zemliu. Dubna, Ob"edinennyi in-t iadernykh issledovanii, 1962. 7 p. [With summary in English]

ZASTAVENKO, L. G., and A. CHILOK. [Use of the stationary phase method in solving kinetic equations] Primenenie metoda statsionarnoi fazy k resheniiu kineticheskikh uravnenii. Dubna, Ob"edinennyi in-t iadernykh issledovanii, 1962. 8 p. [With summary in English]

ZHADIN, V. I. [Study of the bottom fauna of reservoirs] Izuchenie donnoi fauny vodoemov. Moskva, Izd-vo Akad. nauk SSSR, 1960. 30 p. (V pomoshch' rabotaiushchim na polezashchitnykh lesnykh polosakh, no. 7)
(DN-HO)

ZHDANOV, IU. A., and G. N. DOROFEENKO. [Chemical transformations of the carbon skeleton structure of carbohydrates] Khimicheskie prevrashcheniia uglerodnogo skeleta uglevodov. Moskva, Izd-vo Akad. nauk SSSR, 1962. 210 p.

ZHURINA, M. I., and L. N. KARMAZINA. [Tables and formulas for the spherical functions $P_{-\frac{1}{2}+i\tau}^{m}(z)$.] Tablitsy i formuly dlia sfericheskikh funktsii $P_{-\frac{1}{2}+i\tau}^{m}(z)$. Moskva, Vychislitel'nyi tsentr AN SSSR, 1962. 65 p.

ZHURINA, M. I., and L. N. KARMAZINA. [Tables of Legendre's functions $P_{-\frac{1}{2}+i\tau}(N)$] Tablitsy funktsii Lezhandra $P_{-\frac{1}{2}+i\tau}(z)$. Moskva, Izd-vo Akad. nauk SSSR. (Matematicheskie tablitsy)
Vol. 2. 1962. 413 p.

14. MEDICINE

AKADEMIIA MEDITSINSKIKH NAUK, SSSR, Moscow Institut pediatrii. [Problems of rheumatism and nonspecific infectious polyarthritis in children] Voprosy revmatizma i nespetsificheskogo infektsionnogo poliartrita u detei, trudy. Pod red. O. D. Sokolovoi-Ponomarevoi. Moskva, 1962. 307 p.

AKOPIAN, S. A. [Higher nervous activity in blood transfusion shock and blood loss] Vysshaia nervnaia deiatel'nost' pri gemotransfuzionnom shoke i krovopotere. Erevan, Izd-vo Erevanskogo univ., 1961. 228 p.
(DNLM)

ALEKSEEV, A. V. [Disposition and health] Nastroenie i zdorov'e. Moskva, Izd-vo "Znanie," 1962. 46 p. (Novoe v zhizni, nauke, tekhnike. VIII Seriia: Biologiia i meditsina, no. 20)

ASKEROV, A. A., and E. I. KOVALEV. [Medical control of physical exercises for elderly subjects] Vrachebnyi kontrol' pri zaniatiiakh fizicheskimi uprazhneniiami v starshem vozraste. Moskva, Medgiz, 1962. 160 p.
(DNLM)

BAEVSKII, R. M. [Principles of practical ballistocardiography] Osnovy prakticheskoi ballistokardiografii. Moskva, Medgiz, 1962. 174 p. (Biblioteka prakticheskogo vracha)
(DNLM)

BULUSASHVILI, R. V. [Structural changes in the nervous system in induced skin cancer. Strukturnye izmeneniia nervnoi sistemy pri indutsirovannom rake kozhi. Tbilisi, Izd-vo AN Gruzinskoi SSR] 1961. 88 p. [In Georgian]

CHACHAVA, K. V. [Vacuum extractor in obstetrics] Vakuum-ekstraktor v akusherstve. Tbilisi, Gos. izd-vo "Sabchota Sakartvelo," 1962. 129 p.
(DNLM)

D'IACHENKO, P. K., and V. M. VINOGRADOV. [Specialized anesthesiology; selection of the method of anesthesia] Chastnaia anesteziologiia, vybor metoda obezbolivaniia. Leningrad, Medgiz, 1962. 407 p.
(DNLM)

ERMOL'EVA, Z. V., ed. [Antibiotics; an experimental and clinical study] Antibiotiki; eksperimental'no-klinicheskoe izuchenie. Sbornik rabot. Moskva, Medgiz, 1959. 434 p.
(NJR)

GEGESI KISS, PÁL, GYULA SZUTRÉLY, and JÓZSEF KUDÁSZ. [Diseases of the heart and organs of blood circulation in infancy and childhood. Translated from the Hungarian] Zabolevaniia serdtsa i organov krovoobrashcheniia v mladenecheskom i detskom vozrastakh. Budapest, Akademiai Kiado, 1962. 907 p.
(DNLM)

GLASER, HUGO. [Basic traits of contemporary medicine. Translated from the German] Osnovnye cherty sovremennoi meditsiny. 2. izd. Moskva, Medgiz, 1962. 159 p.

GOLIK, N. I., and E. V. MILIUTINA. [Multiple sclerosis and acute disseminated encephalomyelitis] Mnozhestvennyi skleroz i ostrye diseminirovannye entsefalomielity. Moskva, Medgiz, 1962. 113 p. (Biblioteka prakticheskogo vracha)
(DNLM)

GUKASIAN, A. G. [Internal diseases] Vnutrennie bolezni. Izd. 4., ispr. i dop. Moskva, Medgiz, 1962. 450 p.
(DNLM)

INASARIDZE, G. Z. [Bibliographic index to Soviet urology and related fields for the 100-year period, 1855-1955] Bibliograficheskii ukazatel' otechestvennoi urologii i smezhnykh oblastei za 100 let, 1855-1955. Tbilisi, Gos. izd-vo "Sabchota Sakartvelo."
Vols. 3-4. 1962. 618 p.

IRKUTSK. GOSUDARSTVENNYI MEDITSINSKII INSTITUT. [Materials on the influence of physical, chemical and biological factors on the animal and human organism] Materialy o vliianii fizicheskikh, khimicheskikh i biologicheskikh faktorov na organizm zhivotnykh i cheloveka. Irkutsk, 1961. 317 p.
(DNLM)

IZASHVILI, N. P. [Surgical treatment of adenoma of the prostate] Khirurgicheskoe lechenie adenomy predstatel'noi zhelezy. Tbilisi, Izd-vo AN Gruz. SSR] 1962. 326 p. [In Georgian]
(DNLM)

KAGRAMANOV, B. G. [Short course in sanitary chemical protection] Sanitarnaia khimiia muhafizasinin qysa kursu. Baky, Azerbaichan dovlet tedris-pedagozhi edebiiiaty neshriiiaty, 1962. 166 p. [In Azerbaijani] (DNLM)

KARAMYSHEV, F. I. [Effect of work activities on cardiovascular patients under the industrial conditions in the machinery industry] Vliianie trudovoi deiatel'nosti na bol'nykh s serdechno-sosudistymi zabolevaniiami v proizvodstvennykh uslovilakh mashinostroitel'nogo zavoda. Moskva, Medgiz, 1962. 267 p. (DNLM)

KOVANOV, V. V., ed. [Nurse's handbook on patient care] Spravochnik meditsinskoi sestry po ukhodu. Moskva, Medgiz, 1962. 419 p. (DNLM)

KOVÁTS, FERENC, and ZOLTÁN ZSEBÖK. [X-ray anatomical bases for studying the lungs. Translated from the German] Rentgenanatomicheskie osnovy issledovaniia legkikh. 2., perer. i dop. izd. Budapest, Akademiai Kiado, 1962. 376 p. (chiefly illus.) (DNLM)

KREIMER, A. IA. [Nocturnal enuresis] Nochnoe nederzhanie mochi. Moskva, Medgiz, 1962. 19 p. (DNLM)

[LARGE MEDICAL ENCYCLOPEDIA] Bol'shaia meditsinskaia entsiklopediia. Glav. red. A. N. Bakulev. Moskva, Gos. nauchn. izd-vo "Sovetskaia entsiklopediia."

Vol 27. Profilaktika - Reverden. Izd. 2. 1962. 1224 columns.

———— [List of articles and terms for the letters "P" and "R"] Perechen' statei i terminov na bukvy "P," "R" (dvadtsat' sed'moi tom). 4 p.

———— [Phonorecord appended to the article "Heart defects" (Combined heart defects)] Gramofonnaia plastinka k stat'e "Poroki serdtsa" (Kombinirovannye poroki serdtsa).

Vol 28. Revmatizm - Rumyniia. Izd. 2. 1962. 1248 columns.

———— [List of articles and terms for the letter "R"] Perechen' statei i terminov na bukvu "R" (dvadtsat' vos'moi tom). 4 p.

———— [Phonorecord appended to the article "Psychogenia"] Gramofonnaia plastinka k stat'e "Psikhogenii" (psikhogennye psikhozy).

LASS, D. I. [Are all skin tumors dangerous?, benign skin tumors] Vse li opukholi kozhi opasny?, dobrokachestvennye opukholi kozhi. Moskva, Medgiz, 1962. 26 p. (Nauchno-populiarnaia meditsinskaia literatura) (DNLM)

LATVIJAS PADOMJU SOCIALISTISKAS REPUBLIKAS ZINATNU AKADEMIJA. Organiskas sintezes institute. [Furazolidone] Furazolidon. Riga, Izd-vo Akad. nauk Latviiskoi SSR, 1962. 145 p. (DNLM)

LEBEDEV, A. A., ed. [Exercise therapy in obstetrics and gynecology] Lechebnaia fizkul'tura v akusherstve i ginekologii, posobie dlia vrachei zhenskikh konsul'tatsii i rodil'nykh domov. Moskva, Medgiz, 1962. 173 p. (DNLM)

MACHABELI, M. S. [Problems in the clinical study of coagulation] Voprosy klinicheskoi koagulologii. Tbilisi, Izd-vo Akad. nauk Gruzinskoi SSR, 1962. 294 p. (DNLM)

[HYGIENE] Rukovodstvo po
oskva, Medgiz,

ES] Rukovodstvo po
d A. M. Bilibina i
, 1962. 678 p.

ortic coarctation]
oskva, Medgiz, 1961.

'EKA. [Catalog of
ons received by the
Central Medical Li-
] Katalog kandidat-
postupivshikh v
tsvennuiu tsentral'-
'loteku v 1-m kvartale
.

MOSCOW. TSENTRAL'NYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT SUDEBNOI PSIKHIATRII. [Problems in forensic psychiatric expertise] Voprosy sudebno-psikhiatricheskoi ekspertizy, metodicheskie stat'i i instruktivnye materialy. Pod red. A. N. Buneeva, IA. M. Kalashnika, D. R. Luntsa. Moskva, Gosiurizdat, 1955. 178 p.

MSHVIDOBADZE, A. E. [Course in pharmaceutical chemistry. Kurs farmatsevticheskoi khimii] Tbilisi, Gos. izd-vo uchebno-pedagog. lit-ry Gruzinskoi SSR "TSodna," 1961. 488 p. [In Georgian] (DNLM)

[MULTIVOLUME MANUAL ON INTERNAL DISEASES] Mnogotomnoe rukovodstvo po vnutrennim boleznjam. Otv. red. A. L. Miasnikov. Moskva, Medgiz.

Vol 1. [Diseases of the cardiovascular system] Bolezni serdechno-sosudistoi sistemy. Red. toma P. E. Lukomskii i N. N. Savitskii. 1962. 686 p.

Vol 6. [Diseases of the blood system and hemopoietic organs] Bolezni sistemy krovi i krovotvornykh organov. Red. toma A. A. Bagdasarov. 1962. 700 p.

(DNLM)

NAPALKOV, P. N., A. V. SMIRNOV, and M. G. SHRAIBER. [Surgical diseases] Khirurgicheskie bolezni. Pod red. A. V. Smirnova. [Leningrad] Medgiz, 1961. 571 p. (DNLM)

NATSVLISHVILI, G. A. [Thoracic aortography] Grudnaia aortografiia. Tbilisi, Gos. izd-vo uchebno-pedagog. lit-ry "TSodna," 1962. 130 p. (DNLM)

NAUCHNO-PRAKTICHESKAIA KONFERENTSIIA VRACHEI SANITARNO-KURORTNYKH UCHREZHDENII CHITINSKOGO TERRITORIAL'NOGO UPRAVLENIIA KURORTOV, SANATORIEV I DOMOV OTDYKHA, 3d, Darasun, 1959. [Treatment at the health resorts of Transbaikalia] Lechenie na kurortakh Zabaikal'ia; sbornik nauchno-prakticheskikh rabot. Pod obshchei red. I. D. Boenko. Chita, TSentr. kurortnoe upr. Profsoiuzov, No. 2, 1960. 162 p. (DNLM)

[MICROFILM]

NOTKIN, S. E. [Little children protected] Malyshi pod zashchitoi. Moskva, Izd-vo "Znanie," 1962. 36 p. (Novoe v zhizni, nauke, tekhnike. VIII Seriia: Biologiia i meditsina, no. 24)

PKHAKADZE, G. M. [Venereal diseases, syphilis] [Venericheskie bolezni, sifilis. Tbilisi, Gos. izd-vo uchebno-pedagog. lit-ry] 1962. 401 p. [In Georgian] (DNLM)

PORTNOV, F. G. [Health resorts of Soviet Latvia] Kurorty Sovetskoi Latvii. Izd. 3., perer. i dop. Riga, Latviiskoe gos. izd-vo, 1962. 116 p.

RADNOT, MAGDA. [Atlas of eye diseases] Atlas glaznykh boleznei. Budapest, Akademiai Kiado, Vol. 2. 1963. 190 p. (DNLM)

REMENTSOVA, M. M. [Brucellosis in wild animals] Brutsellez dikikh zhivotnykh. Pod red. I. G. Galuzo. Alma-Ata, Izd-vo Akad. nauk Kazakhskoi SSR, 1962. 254 p. (DNLM)

REVO, A. IA. [Organic chemistry for students of medical institutes] Organicheskaia khimiia dlia studentov meditsinskikh institutov. Moskva, Vysshaia shkola, 1962. 382 p.

RODIAKIN, N. F., and N. V. DVURECHENSKAIA. [Cutaneous leishmaniasis (Borovskii's disease); a bibliographic index to the literature, 1862-1960] Kozhnyi leishmanioz (bolezn' Borovskogo); bibliograficheskii ukazatel' literatury, 1862-1960 gg. Ashkhabad, Respublikanskaia nauchnaia med. biblioteka, 1962. 133 p.

SALAEVA, Z. M., [Laboratory manual on neurology] Nevrologiadan praktiki meshgeleler; tibb institutu ve orta tibb mektebleri uchun ders vesaiti. Baky, Azerbaichan dovlet tedris-pedagozhi edebiiiaty neshriiiaty, 1962. 101 p. [In Azerbaijani] (DNLM)

SANDOMISASHVILI, K. I. [Care of medicinal and veterinary preparations and their preservation. Ukhod za lechebnymi i veterinarnymi preparatami i ikh khranenie. Tbilisi, Gos. izd-vo "Sabchota Sakartvelo"] 1961. 155 p. [In Georgian]

SEIDOV, F. S. [Baku Balneological Health Resort] Bakynyn balneologiia kurortu. Baky, Azerbaichan dovlet neshriiiaty, 1962. 56 p. [In Azerbaijani] (DNLM)

SERENUS SAMMONICUS, QUINTUS. [Liber medicinalis, praecepta salubriora] Meditsinskaia kniga, ili "Ukazaniia predpisaniia." Vstup. stat'ia, perevod i kommentarii M. IU. F. Shul'tsa. Moskva, Medgiz, 1961. 207 p. [Parallel texts in Latin and Russian]

SHABAD, L. M. [Experimental oncology] Ocherki eksperimental'noi onkologii. Pod obshchei red. A. I. Abrikosova. Moskva, Akad. med. nauk SSSR, 1947. 588 p. (CtY-M)

SHANTYR', S. P. [Miskhor, Koreiz, Gaspra, ocherk-putevoditel'. Simferopol', Krymizdat, 1962. 80 p.

SHAPIRO, IA. E. [You shouldn't treat your heart ill-[illegible], the prevention of myocardial infarction and its complications] S serdtsem ne shutiat, profilaktika infarkta miokarda i ego oslozhnenii. Moskva, Izd-vo "Znanie," 1962. 44 p. (Novoe v zhizni, nauke, tekhnike. VIII Seriia: Biologiia i meditsina, no. 23)

SMORODINTSEV, A. A., and A. A. KOROVIN. [Influenza] Gripp. [Leningrad] Medgiz, 1961. 371 p. (DNLM)

SOVESHCHANIE PO LEISHMANIOZAM I MOSKITNOI LIKHORADKE, Ashkhabad, 1962. [Conference on leishmaniasis and pappataci fever] Soveshchanie po leishmanioziam i moskitnoi likhoradke, g. Ashkhabad, 28-30 marta 1962 g. Moskva, In-t epidemiologii i mikrobiologii im. N. F. Gamalei AMN SSSR, 1962. 118 p. (DNLM)

TOMÁŠKOVÁ, JANA. [Beauty and health. Translated from the Czech] Krasota i zdorov'e. Moskva, Izd-vo M-va kommun. khoz. RSFSR, 1962. 80 p.

VASIL'EV, N. V. [Varzi-Iatchi Health Resort] Kurort Varzi-Iatchi, ocherk. Izhevsk, Udmurtskoe knizhnoe izd-vo, 1962. 41 p.

[MICROFILM]

ZHVANIIA, T. O. [Blood transfusion reactions and complications caused by the transfusion of bacterially contaminated blood, their prevention and treatment] Gemotransfuzionnye reaktsii i oslozhneniia, vyzvannye perelivaniem bakterial'no-zagriaznennoi krovi, ikh profilaktika i lechenie. Tbilisi, Izd-vo Akad. nauk Gruzinskoi SSR, 1961. 97 p. (DNLM)

ZOIDZE, A. K., and S. A. KHAPAVA. [Traumatic diseases of the sportsman. Travmaticheskoi bolezni sportsmena.] Tbilisi, Gos. izd-vo "Sabchota Sakartvelo" 1961. 143 p. [In Georgian] (DNLM)

15. AGRICULTURE

ABDUEV, M. R. [Solonetz soils in Azerbaijan and ways for their improvement] Azerbaidjanda shorakhlar torpaglar vo onlarin jakhshylashdyrylmasy yollary. Baky, Azerbaichan, dovlet neshriiiaty, 1961. 65 p. [In Azerbaijani]

ABRAMOVA, F. SH., comp. [Reading lists for state forests; a bibliography of recommended literature] Chto chitat' vinogradariam; rekomendatel'nyi ukazatel' literatury. Ashkhabad, Turkmenskaia gos. bibliotoka im. Karla Marksa, 1960. 31 p. (CU-A)

AKADEMIIA NAUK SSSR. Institut lesa i lesokhimii. [Fundamentals of the typology of cultivated and its significance in forest management] Osnovy tipologii nasazhdenii i ee znachenie v lesnom khoziaistve, sbornik statei. Pod red. I. S. Melekhova. Arkhangel'sk, 1960. 226 p. (DNAL)

[MICROFILM]

AKADEMIIA NAUK SSSR. Pochvennyi institut imeni V. V. Dokuchaeva. [Agrochemical characteristics of the soils of the U. S. S. R.; White Russian S. S. R., Latvian S. S. R., Lithuanian S. S. R., Estonian S. S. R., Karelian A. S. S. R., and the northern regions of the European part of the R. S. F. S. R.] Agrokhimicheskaia kharakteristika pochv SSSR; Belorusskaia SSR, Latviiskaia SSR, Litovskaia SSR, Estonskaia SSR, Karel'skaia ASSR i severnye raiony Evropeiskoi chasti RSFSR. Moskva, Izd-vo Akad. nauk SSSR, 1962. 279 p.

...niy) institut imeni ...making large-scale ...erial photography] ...ssledovaniy pochven... ...lov aerofotos"emki. ...1962. 114 p ...SII,

...ntrol, manual for agri... ...A. S. S. R.] Bor'ba s ...rabotnikov sel'skogo ...Cheboksary, Chuvash... ...1 p.

[MICROFILM]

...ator is not the same any... ...rators on collective ...narys pro kolkosp... ...t; Khrestomatiya]

...ases in epizootology ...ie zanyatiia po epizo... ...skva, Sel'khozizdat, ...obnye posobiia dlia

...of sericulture in the ...olkovodstva v Armian... ...a sel'. khoz. Armian...

...cocoons] Kolnayk pilesi. ...neshiriatv, 1961.

...ICULTURE, methods ...brief description of ...50 plant species] ...kom khozialstve, ...y i kratkoe opisanie ...rastenii. [Moskva] ...3 p.

...on fur farming] Rabota ...osobie dlia uchitelei ...pedgiz, 1961. 122 p.

...ass of the chemicaliza... ...sst' khimizatsii sel'... ...sel'khozizdat, 1962.

...IP; Khar'kov, Belgorod, ...ina; Khar'kov, Belgorod, ...vskoe knizhnoe izd-vo

...k. rabochii, 1962. 99 p. ...o opyta)

...eld seed corn on large ...ybrid seed corn in Kras... ...anie gibridnykh semian ...adinki; opyt vyrashchiva... ...szy v Krasnodarskom ... 1962. 31 p.

...VERIS. [Animal hus...] Zhivotnovodstvo ...sel'khozizdat, 1962.

...n Growing corn for grain] ...y na zerno. Minsk, ...dar chat lit-ry BSSR, ...vedavoha vopytu)

...e varieties in the Donets ...uda v Donbasse. Kiev, ...181 p.

...ONKOV. [Wide-strip ...levy. [Moskva] Mosk.

...by] sbornik statei. ...318 p.

GINZBURG, A G., and A D. IVANOV. [Organization of veterinary service] Organizatsiia veterinarnogo dela Moskva, Sel'khozizdat, 1962 407 p.

GLUSHKOV, N.M. [Manual for the beekeeper] Sputnik pchelovoda. Moskva, Sel'khozizdat, 1962. 318 p. (DNAL)

HLEBKA, V.A. [Masters of getting high yields of flax] Maistry vysokikh uradzhaiau l l'nu. Minsk, Dziarzh. vyd-va sel'skahaspadarchai lit-ry BSSR, 1962. 19 p. (Rashenni XXII z'ezda KPSS u dzeiannl) (DNAL)

[HONOR OF A FARMER, progressive farmers tell their stories] Chest' khliboroba, hovoriat' dosvidchent trudivnyky zemli. L'viv, Knyzhkovo-zhurnal'ne vyd-vo, 1962. 141 p. (DNAL)

IAKUSHKIN, I V., ed. [Cultivation of field crops] Agrotekhnika polevykh kul'tur. 4., perer. izd. Moskva, Gos. izd-vo selkhoz lit-ry, 1959. 356 p. (Agrozootekhnicheskie kursy) (DNAL)

IANKOUSKI, I.D., and U.A. MAKSIMAU. [Intensive fattening of young cattle] Intensiuny adkorm maladniaku buinot rahatai zhyvely. Minsk, Dziarzh. vyd-va sel'skahaspadarchai lit-ry BSSR, 1962. 32 p. (Bibliatechka peradavoha vopytu) (DNAL)

INIKHOV, G.S. [Biochemistry of milk and milk products] Biokhimiia moloka i molochnykh produktov. 2. izd. Moskva, Pishchepromizdat, 1962. 287 p.

KAVAL'CHUK, H.P. [Grassland farming has not proved successful] Z travapollem nam ne pa dau oze. Minsk, Dziarzh. vyd-va sel'skahaspadarchai lit-ry BSSR, 1962. 45 p. (Bibliiatechka peradavoha vopytu) (DNAL)

KELENDZHERIDZE, K.V., and E.B. DZHIKIIA. [Practical handbook on agricultural meteorology. Prakticheskoe rukovodstvo po s.-kh meteorologii. Tbilisi, Izd-vo Gruzinskogo ordena Trudovogo Krasnogo znameni sel'khoz. in-ta. In Georgian] Pt 1 1962. 191 p

KHVAN, M.G. [With work and only with work] Trudom i tol'ko trudom. Moskva, Sel'khozizdat, 1962. 134 p. (DNAL)

KIPIANI, R IA. [Mechanized fumigation of tea plants] Mekhanizirovannaia fumigatsiia chainogo kusta. Tbilisi, Izd-vo Akad. nauk Gruzinskoi SSR, 1956 37 p. [In Georgian] (DNAL)

KOBIASHVILI, N, I. [Cancer in grape vines and ways of controlling it] Rak vinogradnoi lozy i mery bor'by s nim. Tbilisi, Izd-vo Akad. nauk Gruzinskoi SSR, 1956. 13 p. [In Georgian] (DNAL)

KONOPEL'KO, P. IA. [Preventing noninfectious diseases in young pigs] Preduprezhdenie nezaraznykh boleznei porosiat. Minsk, Gos. izd-vo sel'khoz. lit-ry BSSR, 1962. 46 p. (DNAL)

KORDON, R. IA., and F. I. PEKHOTO. [Apple tree] IAbloni. Leningrad, Izd-vo sel'khoz. lit-ry, zhurnalov i plakatov, 1962. 270 p. (CU)

KOROLEV, V.P. [Under new conditions] V novykh usloviiakh. [Moskva] Mosk. rabochii, 1961. 50 p. (DNAL)

KRASNOV, V.S., V.A. OLENEV, and IU.I. BELIAEVSKII. [Correct use of the "herringbone" arrangement] Pravil'no ispol'zovat "elochku." Moskva, Sel'khozizdat, 1962. 38 p. (DNAL)

KRUGLIAKOV, M.L. [Mechanization of the preparation and application of fertilizers] Mekhanizatsiia podgotovki i vnesenila udobrenii. 2. izd., dop. i ispr. Moskva, Sel'khozizdat, 1961. 302 p. (Uchebniki i uchebnye posobiia dlia podgotovki sel'skokhoziaistvennykh kadrov massovoi kvalifikatsii) (DNAL)

KULAZHENKA, A.M. [High potato yields in peat soils] Vysoki uradzhai bul'by na tarfianikakh. Minsk, Dziarzh. vyd-va sel'skahaspadarchai lit-ry BSSR, 1962. 11 p. (Bibliiatechka peradavoha vopytu) (DNAL)

LEINASARE, INGRIDA. [Farming and farm implements in Latvia during the decline of the feudal system] Zemkopiba un zemkopibas darba riki Latvija klausu saimniecibas sabruma laika. Riga, Latvijas PSR Zinatnu akad. Izdevnieciba, 1962. 166 p. [In Latvian]

[MANUAL FOR THE RABBIT RAISER] Spravochnik krolikovoda. Moskva, Sel'khozizdat, 1962. 214 p. (DNAL)

MATESOVA, G. IA., I. D. MITIAEV, and L. A. IUKHNEVICH [Insects and mites, pests of fruit and berry crops in Kazakhstan] Nasekomye i kleshchi - vrediteli plodovo-iagodnykh kul'tur Kazakhstana. Alma-Ata, Izd-vo Akad. nauk Kazakhskoi SSR, 1962. 203 p. (DNAL)

MATYSHUK, I. V. [Tillage and fertility of Chestnut soils in central Kazakhstan] Obrabotka i plodorodie kashtanovykh pochv TSentral'nogo Kazakhstana. Alma-Ata, Izd-vo Akad nauk Kazakhskoi SSR, 1962. 164 p.

MINASIAN, A.K. [Barleys of Armenia] IAchmeni Armenii. Erevan, Armsel'khozgiz, 1961. 200 p. (DNAL)

MOSCOW. VSESOIUZNAIA SEL'SKHOZIAISTVENNAIA VYSTAVKA. [Advanced practices of the participants in the All-Union Agricultural Exhibition represented at the Pavilion of the Georgian S.S.R.] Peredovoi opyt uchastnikov Vsesoiuznoi sel'skokhoziaistvennoi vystavki, predstavlennykh v pavil'one Gruzinskoi SSR. Tbilisi, Izd-vo "Zaria Vostoka," 1956. 84 p (DNAL)

MUSABEKOVA, A.S., and KH.G. SEIDOVA [Concise information on fertilizers] Kratkoe soobshchenie ob udobreniiakh. Baku, Izd-vo Akad. nauk Azerbaidzhanskoi SSR, 1956. 28 p [In AzerbaIjani] (DNAL)

NAUCHNO-METODICHESKOE SOVESHCHANIE PO VOPROSAM PRIMENENIIA KHIMICHESKIKH MER BOR'BY S SORNIAKAMI, Moskva, 1961. [Application of herbicides in agriculture; materials] Primenenie gerbitsidov v sel'skom khoziaistve, [materialy]. Red. kolleglia N.S. Sokolov i dr. Moskva, Sel'khozizdat, 1962. 271 p. (DNAL)

NAZAROV, S.I., and N.M. PEREL'MAN. [In the advanced line, from work practices of rural inventors and innovators in Mogilev Province] Na peredovoi linii, iz opyta raboty sel'skikh izobretatelei i ratsionalizatorov Mogilevshchiny. [Minsk] Sel'khozgiz BSSR, 1962. 73 p. (DNAL)

OL'KHOV, O.A. [Application of atomic energy in agriculture] Primenenie atomnoi energii v sel'skom khoziaistve. Moskva, Sel'khozizdat, 1962. 117 p. (DNAL)

OREKHOV, A.D., L.N. MUSINOV, and V.A. KAUFMAN. [New agricultural machines] Novye sel'skokhoziaistvennye mashiny; kratkii spravochnik. Izd. 2., perer. Moskva, Mashgiz, 1962. 279 p. (DNAL)

OVANESIAN, T.T. [Diseases of mulberry silkworm and their control. Bolezni tutovogo shelkopriada i mery bor'by s nimi. Erevan, Armianskoe gos. sel'khoz. izd-vo] 1962. 68 p. [In Armenian] (DNAL)

PANIAEVA, O.P. [Beacon lights are shining] Svetiat maiaki. [Riazan'] Riazanskoe knizhnoe izd-vo, 1961. 16 p.

PAVLIASHVILI, D.S. [Fruit culture in eastern Georgia, based on ethnographic data. Plodovodstvo Vostochnoi Gruzii; po etnograficheskim dannym. Tbilisi] 1962. 182 p. [In Georgian with summary in Russian]

PAVLOVSKII, N.N., and A.T. BELIAN. [High potato yields] Vysokie urozhai kartofelia. Moskva, Sel'khozizdat, 1962. 53 p. (DNAL)

PENTIUK, M.V. [Problems in increasing the number of sheep and the production of mutton] Voprosy uvelicheniia pogolov'ia ovets i proizvodstva baraniny. Moskva, Vses. nauchno-issl. in-t ekonomiki sel'. khoz., 1962. 83 p. (DNAL)

PROTASOV, P.V. [Nitrogen in cotton growing in Central Asia] Azot v khlopkovodstve Srednei Azii. Tashkent, Soiuz NIKHI, 1961. 103 p. (CU)

[RAISING BROILERS ABROAD, collection of translations from foreign periodical literature] Proizvodstvo broilerov za rubezhom, sbornik perevodov iz inostrannoi periodicheskoi literatury. Pod red. i s predisl. E O Penionzhkevicha. Moskva, Sel'khozizdat, 1962. 366 p.
(DNAL)

[THE ROAD TO ABUNDANCE] Shliakh do dostatku. L'viv, knyzhkovo-zhurnal'na vyd-vo, 1962. 117 p.
(DNAL)

RUBIN, S.M., G.S. BICHUTSKII, and R.P. BRAKENGEIMER. [Hydraulic mechanization in plant growing] Gidromekhanizatsiia v rastenievodstve. [Moskva] Mosk. rabochii, 1962. 26 p. (Ikh opyt dostupen vsem)
(DNAL)

SABANCHIEVA, R.K., and E.SH. BELGOROKOVA [Khazratali Beslaneev, corn grower and machine operator] Kukuruzovod-mekhanizator Khazratali Beslaneev. Moskva, Izd-vo MSKh RSFSR, 1961. 13 p. (Trudovye podvigi molodykh mekhanizatorov)

[SAFETY MEASURES IN WORKING ON LIVESTOCK FARMS] Tekhnika bezopasnosti pri rabote na zhivotnovodcheskikh fermakh. [Moskva, Izd-vo M-va sel'. khoz. RSFSR, 1961. 11 p. (Pamiatka rabotnika sel'skogo khoziaistva)
(DNAL)

SHAPOVALOV, P.T., and others. [New technology for cultivating monospermous sugar beets] Vozdelyvanie odnosemiannoi sakharnoi svekly po novoi tekhnologii. Moskva, Sel'khozizdat, 1962. 94 p.
(DNAL)

SHCHERBOV, N.A. [Keeping suckling sows with baby pigs in groups] Gruppovoe soderzhanie podsosnykh matok s porosiatami. Leningrad, Sel'khozizdat, 1962. 78 p.
(DNAL)

SHIROKOV, E.P. [Storing cabbage] Khranenie kapusty. Pod red. N.V. Saburova. [Moskva] Mosk. rabochii, 1961. 66 p.
(DNAL)

SIDOROV, F.F. [Growing ear corn for silage in the northwestern zone] Vyrashchivanie kukuruzy s pochatkami na silos v severo-zapadnoi zone. Leningrad, Sel'khozizdat, 1962. 70 p.
(DNAL)

SKARAPANAU, S.H. [Heading for row crop cultivation] Kurs na prapashnuiu sistemu zemliarobstva. Minsk, Dziarzh. vyd-va sel'skahaspadarchai lit-ry BSSR, 1962. 20 p. (Rashenni XXII z'ezda KPSS u dzeianii)
(DNAL)

SKATKIN, P.N. [Biological foundations of artificial fish culture, a historical outline] Biologicheskie osnovy iskusstvennogo ryborazvedeniia; istoricheskii ocherk. Moskva, Izd-vo Akad. nauk SSSR, 1962. 243 p.

SKROMANIS, A. [DPR-2 milking unit] Slauksanas agregats DPR-2. Riga, Latvijas Valsts izdevnieciba, 1961. 38 p. [In Latvian]
(DNAL)

SMIRNOV, N.P. [Winter farrowing at the "Nikonovskoy" Breeding Station] Zimnie oporosy v plemzavode "Nikonovskoe." [Moskva] Mosk. rabochii, 1962. 44 p. (Ikh opyt dostupen vsem)
(DNAL)

SOPRUNOV, F.F. [Predaceous fungi hyphomycetes and their use in controlling pathogenic nematodes] Khishchnye griby-gifomitsety i ikh primenenie v bor'be s patogennymi nematodami. Ashkhabad, Izd-vo Akad. nauk Turkmenskoi SSR, 1958. 365 p.
(DNAL)

STARAVOITAU, V.K. [One hundred and fifteen tons of poultry meat and one million eggs is only the beginning] 115 ton ptushynaha miasa i mil'en iaek - tol'ki pachatak. Minsk, Dziarzh. vyd-va sel'skahaspadarchai lit-ry BSSR, 1962. 22 p. (Bibliatechka peradavoha vopytu)
(DNAL)

STAROZHILOV, P.M. [Organization of artificial insemination in the Altai Territory] Organizatsiia iskusstvennogo osemeneniia v Altaiskom krae; iz opyta raboty Kraevoi gosudarstvennoi stantsii po plemennoi rabote i iskusstvennomu osemeneniiu sel'skokhoziaistvennykh zhivotnykh. Moskva, Sel'khozizdat, 1962. 93 p.
(DNAL)

STRELKOV, I.G., M.D. NAGORSKAIA, and I.P. OSTROVOI. [Perennial lupine] Mnogoletnii liupin. Minsk, Gos. izd-vo sel'khoz. lit-ry BSSR, 1962. 47 p.
(DNAL)

TULUNIN, B.N. [The A B C of feed units] Azbuka kormovykh edinits. Moskva, Sovetskaia Rossiia, 1962. 124 p. (Reshenitia XXII s"ezda KPSS - v zhizn'!)
(DNAL)

[VALUE THE HONOR OF THE SOVIET TOILER] Dorozhit' chest'iu sovetskogo truzhenika, sbornik statei. Moskva, Izd-vo "Pravda," 1962. 277 p.

VASILEVSKII, A.M. [Local fertilizers, their processing, storage, and use] Mestnye udobreniia, ikh obrabotka, khranenie i ispol'zovanie. Baku, Izd-vo Akad. nauk Azerbaidzhanskoi SSR, 1956. 35 p. [In Azerbaijani]
(DNAL)

VEN'IAMINOV, A.N., ed. [New varieties of fruit in the central region of the European U.S.S.R. and the Ukraine] Novye sorta plodovykh kul'tur srednoi polosy Evropeiskoi chasti SSSR i Ukrainy. [Moskva] Izd-vo Mosk. univ., 1961. 462 p.
(DNAL)

VLASIUK, P.A. [Manganese nutrition and fertilization of plants] Margantseve zhyvlennia i udobrennia roslyn. Kyiv, Vyd-vo Ukrains'koi Akad. sil'skohospodarskykh nauk, 1962.
(DNAL)

VOLIVACH, V.S. [Kalyna Derevenko's school] Shkola Kalyny Derevenko. Stanislav, Stanislavs'ke oblasne knyzhkova-gazetne vyd-vo, 1962. 18 p. (My v svit komunizmu idemo)
(DNAL)

ZABOROVSKII, E.P. [Fruits and seeds of tree and shrub species] Plody i semena drevesnykh i kustarnikovykh porod. Moskva, Goslesbumizdat, 1962. 302 p.
(DNAL)

ZHARIKOV, I.S., IU.G. EGOROV, and A.F. BOBKOVA. [Fascioliasis of farm animals and its control] Fastsiolez sel'skokhoziaistvennykh zhivotnykh i bor'ba s nim. Minsk, Sel'khozgiz BSSR, 1962. 63 p.
(DNAL)

ZHILKO, V.V. [Erosion control in White Russia] Bor'ba s eroziei pochv v Belorusskoi SSR. Minsk, Gos. izd-vo sel'khoz. lit-ry BSSR, 1962. 39 p.
(DNAL)

ZHUDRO, H.F. [How we grow corn] IAk my vyroshchvaem kukuruzu. Minsk Dziarzh. vyd-va sel'skahaspadarchai lit-ry BSSR, 1962. 39 p. (Bibliatechka peradavoha vopytu)
(DNAL)

ZHUMATOV, A.Z. [Selected works on the grain crops of Kazakhstan] Izbrannye trudy po zernovym kul'turam Kazakhstana. Alma-Ata, Kazakhskoe gos. izd-vo, 1961. 217 p.
(CU)

ZHURAVLEV, I.I. [Diagnosis of forest diseases] Diagnostika boleznei lesa. Moskva, Sel'khozizdat, 1962. 192 p.
(DNAL)

ZLOBIN, N.I. [Over-all mechanization for fields and farms] Kompleksnuiu mekhanizatsiiu na polia i fermy. Minsk, Gos. izd-vo sel'khoz. lit-ry BSSR, 1962. 32 p. (Reshenitia XXII s"ezda KPSS v deistvii)

16. TECHNOLOGY

ABDULLAEV, B.Z. [Study and teach advanced practices] Uchit'sia i uchit' na peredovom opyte. Baku, Azernesh, 1962. 30 p. (Biblioteka brigady kommunisticheskogo truda)

AFANAS'EV, P.S. [Woodworking machinery] Derevoobrabatyvaiushchie mashiny; spravochnik. Moskva, Mashgiz, 1962. 575 p.

AKADEMIIA BUDIVNYTSTVA I ARKHITEKTURY URSR. Ukrainskii nauchno-issledovatel'skii institut mekhanicheskoi obrabotki drevesiny. [Mechanization and automation of woodworking processes] Mekhanizatsiia i avtomatizatsiia protsessov derevoobrabotki; sbornik trudov. Kiev, Gosstroiizdat USSR, 1962. 73 p.

AKADEMIIA NAUK GRUZINSKOI SSR, Tiflis. Institut gornogo dela. [Handbook on safe use of short-delay blasting in Georgian coal mines] Rukovodstvo po bezopasnomu primeneniiu korotkozamedlennogo vzryvaniia v ugol'nykh shakhtakh Gruzii. Tbilisi, Izd-vo Akad. nauk Gruzinskoi SSR, 1962. 66 p.

AKADEMIIA NAUK SSSR. Institut gornogo dela. [Oolitic iron ores of the Lisakovka deposit in Kustanay Province and means for their exploitation] Oolitovye zheleznye rudy Lisakovskogo mestorozhdeniia Kustanaiskoi oblasti i puti ikh ispol'zovaniia. Moskva, Izd-vo Akad. nauk SSSR, 1962. 234 p. (Zheleznorudnye mestorozhdeniia SSSR [no.1])

AKADEMIIA NAUK URSR, Kiev. Biblioteka, Lvov. Vydil bibliografii. [Modernization of equipment is an important means of technological progress, in bibliography] Modernizatsiia oborudovaniia - vazhnoe sredstvo tekhnicheskogo progressa, bibliograficheskii ukazatel'. [L'vov] Vyd-vo L'vovskogo univ., 1960. 151 p.

AKADEMIIA STROITEL'STVA I ARKHITEKTURY SSSR. Institut betona i zhelezobetona, Perovo. [Instructions on casting concrete and reinforced-concrete products at plants and building sites] Instruktsiia po proizvodstvu betonnykh i zhelezobetonnykh izdelii na zavodakh i poligonakh. Moskva, Gosstroiizdat, 1962. 33 p.

AKADEMIIA STROITEL'STVA I ARKHITEKTURY SSSR. Institut ekonomiki stroitel'stva. Tipovoe normativno-issledovatel'skoe biuro. [Recommendations on the development and utilization of standard calculations for piecework assignments in construction of apartment houses according to standard plans] Rekomendatsii po razrabotke i primeneniiu tipovykh kal'kuliatsii dlia akkordnykh narIadov pri stroitel'stve zhilykh zdanii po tipovym proektam. Moskva, Gosstroiizdat, 1962. 120 p.

AKADEMIIA STROITEL'STVA I ARKHITEKTURY SSSR. Institut obshchestvennykh zdanii i sooruzhenii. Standardization of elements for buildings for various purposes] Unifikatsiia elementov zdanii razlichnogo naznacheniia; sbornik materialov. Pod red. D.N. Khaznanova. Moskva, Gosstroiizdat, 1962. 173 p.

AKADEMIIA STROITEL'STVA I ARKHITEKTURY SSSR. Institut organizatsii, mekhanizatsii i tekhnicheskoi pomoshchi stroitel'stvu. [Floors made of planks of parquetry in residential and public buildings] Poly iz parketnykh dosok v zhilykh i obshchestvennykh zdaniiakh; iz opyta Glavmosstroia. Moskva, Gosstroiizdat, 1962. 25 p.

AKADEMIIA STROITEL'STVA I ARKHITEKTURY SSSR. Institut organizatsii, mekhanizatsii i tekhnicheskoi pomoshchi stroitel'stvu. [Houses made of keramzitoconcrete slabs] Doma iz keramzitobetonnykh paneli, opyt kombinata zhelezobetonnykh izdelii No. 356, Moskva, Gosstroiizdat, 1962. 20 p.
[MICROFILM]

AKADEMIIA STROITEL'STVA I ARKHITEKTURY SSSR. Institut organizatsii, mekhanizatsii i tekhnicheskoi pomoshchi stroitel'stvu. [Prestressed two-layer floors of attic roofs] Predvaritel'no napriazhennye dvukhsloinye nastily cherdachnykh perekrytii, opyt Kombinata zhelezobetonnykh konstruktsii No. 2. Glavmospromstroimaterialov. Moskva, Gosstroiizdat, 1960. 42 p.

AKHMETZIANOV, IU.A. [Tatar cookery] Tatarskie bliuda. Kazan', Tatarskoe knizhnoe izd-vo, 1961. 127 p.

AKIEV, P.S. [Agricultural buildings and how to reduce their costs] Kend teserrufaty tikinlilerI ve onlarIn main dolerinin ashagy salynmasy. Baky, Azerbaichan dovlet neshrilaty, 1962. 102 p. [In Azerbaijani]

AKSEL'RUD, L.G., I.I. SUKHOV, and V.M. TYMCHIAK [Soaking pits] Nagrevatel'nye kolodtsy. Moskva, Metallurgizdat, 1962. 236 p.
[MICROFILM]

ALEKSEEV, IU.V., and O.A. Popov. [Experience in semicontinuous smelting] Opyt polunepreryvnoi plavki. [Murmansk] Murmanskoe knizhnoe izd-vo, 1962. 23 p.

ALEMASOV, V.E. [Theory of rocket engines] Teoriia raketnykh dvigatelei. Moskva, Oborongiz, 1962. 476 p.

ALIKINA, N.A. [Alexander Kuz'mich, engineer and Communist] Inzhener-kommunist Aleksandr Kuz'mich Perm', Permskoe knizhnoe izd-vo, 1959. 69 p. (Zamechatel'nye liudi Prikam'ia)
(CU)

ALIZADE, Z.I. [The principal open-hearth stage as a raw material for construction] Osnovnye martenovskie shlaki - stroitel'noe syr'e. Baku, Azernesh, 1961. 146 p.

ALLILUEV, V.A. [Single-plunger fuel pumps for tractor engines] Odnoplunzhernye toplivnye nasosy traktornykh dvigatelei. Ufa, Bashkirskoe knizhnoe izd-vo, 1962. 36 p.
[MICROFILM]

ALI, EDUARD, and EDUARD JAKOOBI. [How to handle a television set] Televiisori kasutamine. Tallinn, Eesti Riiklik Kirjastus, 1962. 136 p. [In Estonian]

ANASTASOV, P.I., M.M. ZELENKEVICH, and I.G. PROLOV. [Overhead electric power distribution lines of industrial enterprises] Vozdushnyye linii elektroperedachi promyshlennykh predpriyatii. Moskva, Gosenergoizdat, 1962. 270 p.

ANDREYEV, I.V., and others. [Radio communication] Radiosvyaz', spravochnik. [Leningrad] Gostorgizdat, 1962. 311 p.

ANDRIYEV, N.P., A.I. DMITROVSKII, and I.S. FAINSHTEIN. [Handbook on the construction of engineering structures] Spravochnik po proektirovaniyu inzhenernykh sooruzhenii. Izd.3., dop. i perer. Moskva, Transzheldorizdat, 1962. 611 p.

APAKIN, I.S., and N.N. GRIGOROV. [Standardization of containers and packaging of food products] Unifikatsiya tary i upakovki pishchevykh tovarov, i opyta leningradskoi promyshlennosti. Otechestvennaia i zarubezhnaia literatura. Leningrad, 1962. 18 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Seriia: Tara i upakovka)

ARAKELIAN, A.A., [Lightweight concretes for large wall blocks made with tuff and pumice aggregates] Legkie betony dlia krupnykh stenovykh blokov na tufovykh i pemzovykh zapolniteliakh. Erevan, Armgosizdat, 1962. 130 p.

ARMENSKII NAUCHNO-ISSLEDOVATEL'SKII INSTITUT STROITEL'NYKH MATERIALOV I KONSTRUKTSII. [Production of natural stone wall materials and light weight aggregates] Proizvodstvo prirodnykh kamennykh stenovykh materialov i legkikh zapolnitelei, sostoianie i perspektivy razvitiia. Moskva, Gosstroiizdat, 1962. 311 p.

[ARSENAL OF THE DONETS BASIN, "Sivet Shakhtera" factory] Plan to fulfill the postwar five year plan ahead of time] Arsenal Donbassa; zavod "Sivet shakhtera" v borbe za dosrochnoe vypolnenie poslevoennoi piatiletki. [Khar'kov] Khar'kovskoe knizhno-gazetnoe izd-vo, 1950. 95 p.

ARUTIUNIAN, V.A., and VARDANIAN, V.V. [Electric methods of metal working. Obrabotka metallov elektricheskimi sposobami. Erevan, Armfanskoe gos. izd-vo] 1962. 66 p. [In Armenian]

ASEYEV, E.N., and A.S. EPSHTEIN. [Design and calculation for free piston gas generators] Konstruktsii i raschet svobodnykh generatorov gaza. Moskva, Mashgiz, 1962. 354 p.

AVDEYEVA, A.V. [Metal corrosion in the food industry] Korroziia metallov v pishchevoi promyshlennosti. Moskva, Pishchepromizdat, 1962. 269 p.

AVERIN, I.V., and N.N. KAMANOV. [Friction welding in the manufacture of tools; from practice of the Instrumental Tool Manufacturing Plant named after Voskov] Svarka treniem v instrumental'nom proizvodstve, iz opyta Instrumental'nogo instrumental'nogo zavoda imeni Voskova. Moskva, Mashgiz, 1962. 72 p.

AZHIPANT, IA.M., and I.B. ARBENT'EV. [For young technicians] Molodym tekhnikam. Izd.3., perer. i dop. Moskva, Profizdat, 1962. 397 p.

BABAEV, N.KH. [Drilling deep wells in offshore areas of Azerbaijan] Burenie glubokikh skvazhin na morskikh ploshchadkakh Azerbaidzhana. Baku, Azerneftnashr, 1962. 309 p.

BABAKINA, V.G. [Use of ferments in the manufacture of leather] Primenenie fermentov v proizvodstve kozhi. Moskva, Rostekhizdat, 1962. 230 p.

BABOCHI, I.N., and L.N. GLATMAN, comps. [Methodology of determining the coefficient of friction of rocks] Metodika opredeleniia koeffitsientov trenitia gornykh porod. Moskva, In-t gornogo dela im. A.A. Skochinskogo, 1961. 10 p.
[MICROFILM]

BAKSAN, A.N. [Student designing of relay protection and automatic control in electric power networks] Uchebnoe proektirovanie releinoi zashchity i avtomatiki energeticheskikh sistem. Moskva, Gosenergoizdat, 1962. 191 p.

BASIN, D.M., A.I. KOZLOV, and E.P. RAKUTA. [Economics of the utilization of spent sulfite liquor] Ekonomika pererabotki sul'fitnykh shchelokov. Moskva, Goslesbumizdat, 1962. 89 p.

BATENCHUK, A.N. [Manufacture and assembly of industrial pipelines] Izgotovlenie i montazh tekhnologicheskikh truboprovodov. Moskva, Gosstroiizdat, 1962. 396 p.

BELIAEV, R.A. [Beryllium oxide, its properties and uses] Okis' berilliia, svoistva i primenenie. Pod red. P.P. Budnikova. Moskva, Gosatomizdat, 1962. 280 p.

BELIAKOV, A.A., ed. [Construction of the Novosibirsk hydroelectric development] Opyt stroitel'stva Novosibirskogo gidrouzla. Moskva, Gosenergoizdat, 1962. 304 p.

BELKIND, L.D. Pavel Nikolaevich IAblochkov, 1847-1894. Moskva, Akad. nauk SSSR, 1962. 288 p. (Akademiia nauk SSSR. Nauchno-biograficheskaia seriia)
(MII)

BELOTSERKOVSKII, A.I. [Volunteer design bureau] Obshchestvennoe konstruktorskoe biuro. Alma-Ata, Kazakhskoe gos. izd-vo, 1962. 35 p.
[MR ROT ILM]

BELOSOV, V.V., and T.S. MIKHAILOV. [Principles of the design of central heating systems] Osnovy proektirovaniia sistem tsentral'nogo otopleniia. Moskva, Gosstroiizdat, 1962. 463 p.

BELOV, G.V. [Installation of a 500 kv. air switch] Montazh vozdushnogo vykliuchatelia napriazheniem 500 kv. Moskva, Orgenergostroi, 1962. 51 p. (Iz opyta energeticheskogo stroitel'stva)

BELYAEV, E.I., and R.I. TOMLER. [Increasing the strength of dies for die forging] Povyshenie stoikosti shtampov pri ob"emnoi shtampovke. Minsk, Gos. izd-vo BSSR Red. nauchno-tekhn. lit-ry, 1962. 107 p.

BEL'SKII, V.I., and B.V. SERGEEV. [Industrial furnaces and smokestacks] Promyshlennye pechi i fabrichnye zavodskie truby. Moskva, Gosstroiizdat, 1962. 376 p.

BLINTSOV, A.A. [The sound system part of the motion picture projector] Zvukovaia chast' kinoproektora. Izd.3., perer. i dop. I.V. Zhuravlev. Moskva, Iskusstvo, 1962. 187 p. (Biblioteka kinomekhanika)

BONDARON, N.M., and others. [Use of P-66 resin in the manufacture of radio apparatus] Opyt primeneniia smoly P-66 v izdeliiakh radiotekhnicheskoi apparatury. Leningrad, 1962. 10 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia: Shtuchnye kholodnye materialy, no. b)

BUNIN, A.KH. [Revealing and using the industrial potentials of nonferrous metallurgy] Vyiavlenie i ispol'zovanie proizvodstvennykh rezervov tsvetnoi metallurgii. Sverdlovsk, Metallurgizdat, 1962. 230 p.

BURANEK, IA., and D. SOKOL. [Techniques of fluidization. Translated from the Czech] Tekhnika psevdoozhizhennia. Pod red. N.I. Gel'perina. Moskva, Gostoptekhizdat, 1962. 150 p.
[MICROFILM]

BURLAZOVICH, L.A., E.A. ZARONCHKOVSKII, and L.I. UZLOV. [Modernized AMSO-60-U one-frequency semiautomatic telecommunication apparatus for local communication networks] Modernizirovannaia apparatura poluavtomatii bezkot sviazi odnochastotnoi sistemy dlia vnutrisoiuznykh setei AMSO 60 U. Moskva, Sviaz'izdat, 1962. 90 p. (Teknika sviazi)

BURKOVICH, T.M., and others [Manufacture of asbestos-cement products] Proizvodstvo asbesto-tsementnykh izdelii. Izd.3., perer. i dop. Pod red. T.M. Berkovicha. Moskva, Gosstroiizdat, 1962. 367 p.

BURLINSKII, G.Z., and I.I. GOLOMBIEK. [Modern FM ultrashortwave broadcasting stations] Sovremennye UKV ChM radioveshchatel'nye stantsii. Moskva, Sviaz'izdat, 1962. 97 p. (Lektsii po tekhnike sviazi)

BUSPALI'TSEV, I.I. [Systematic textbook on the theory of mechanisms and machinery] Uchebno-metodicheskoe posobie po teorii mekhanizmov i mashin. Moskva, Vses. sel'khoz. in-t zaochnogo obrazovaniia, 1961. 101 p.

BUZZUDOV, L.P. [Chemistry of fats] Khimiia zhirov. 2., izd. perer. i dop. Moskva, Pishchepromizdat, 1962. 308 p.

BYRMAN, A.E. [Handbook on accident prevention for workers in concrete products plants; for the mold operator and concrete worker] Pamiatka po tekhnike bezopasnosti dlia rabochikh zavodov zhelezobetonnykh izdelii, dlia formovshchika-betonshchika. Moskva, Gosstroiizdat, 1961. 15 p. (Tekhnika bezopasnosti v promyshlennosti stroitel'nykh materialov)

BYRZNIEKS, LAIMONS. [A.C. electric railroads] Maiņstrāvas elektrības dzelzceļi. Rīga, Latvijas PSR Zinātņu akadēmijas Izdevniecība, 1962. 66 p. [In Latvian]

BLUCHER, V.G., and A.A. GAGARINA. [Testing and calculations of three-dimensional elements for apartment houses] Ispytaniia i raschet ob"emnykh elementov zhilykh zdanii. Moskva, Gosstroiizdat, 1962. 74 p.

BLOKHIN, K.A., and S.A. PASHININ. [Track overhauling operations] Kapital'nye putevye raboty. Moskva, Transzheldorizdat, 1962. 326 p.

BOGACHEV, I.N. [Metallography of cast iron] Metallografiia chuguna. 2. izd. dop. i ispr. Sverdlovsk, Metallurgizdat, 1962. 392 p.

BOGDANOV, V.M. [Microbiology of milk and milk products] Mikrobiologiia moloka i molochnykh produktov. 4 izd., perer. i dop. Moskva, Pishchepromizdat, 1962. 397 p.

BOGUTSKII, S.S., and others. [Automatically controlled mining systems] Radiolichnye avtomaticheskie ustanovki, prakticheskoe posobie po avtomatizatsii na shakhte. Moskva, Gosgortekhizdat, 1962. 196 p.

BOIARSKII, V.S. [Volume and surface dimensions and yield norms of lumber materials] Ob"emy, ploshchadi i normy vykhoda pilomaterialov. Izd.3., perer. i dop. [Leningrad] Leningradskoe oblastnoe izd-vo, 1962. 630 p.

BOKHINSKAIA, A.A., and E.T. SKORIK. [Power measurement techniques at super-high frequencies] Metody izmerenila moshchnosti v diapazone sverkhvysokikh chastot. Pod red. V.V. Ogievskogo. Kiev, Gostekhizdat USSR, 1962. 170 p.

BOLKHOVITINOV, N.F. [Proportion and use of sheet steel for die stamping] Svoistva i primenenie listovoi stali dlia kholodnoi shtampovki. Moskva, Mashgiz, 1962. 82 p.

BONDIN, IU.N. [Handbook on accident prevention for the autoclave operator at silicate plants] Pamiatka po tekhnike bezopasnosti dlia avtoklavshchika na silikatnykh zavodakh. Moskva, Gosstroiizdat, 1962. 16 p. Tekhnika bezopasnosti v promyshlennosti stroitel'nykh materialov)

BORISOV, P.V., E.P. GOKOLOV, and G.P. GROMAKOV. [Construction of open-hearth furnaces] Kladka martenovskikh pechei. Moskva, Gosstroiizdat, 1962. 156 p.

BRAZHNIKOV, N.V., V.I. BONDARENKO, and V.P. CHISTOV. [Automatic control of blast furnace and rolling mill processes with use of digital computers] Avtomatizatsiia domennogo i prokatnogo proizvodstva s primeneniem tsifrovykh schetno-reshaiushchikh mashin. Sverdlovsk, Metallurgizdat, 1962. 256 p.

BROVMAN, M.IA. [Power parameters of continuous billet mills] Energosilovye parametry nepreryvnykh zagotovochnykh stanov. Moskva, Metallurgizdat, 1962. 149 p.

BUDZKO, I.A., and V.N. STEPANOV. [Electric lines and power distribution networks in rural areas] Elektricheskie linii i seti sel'skokhoziaistvennogo naznacheniia. Izd.2., ispr. i dop. Moskva, Sel'khozizdat, 1962. 382 p.

BURMISTROV, E.V., I.F. LIASKOVSKII, and V.A. MAKHOV. [External and internal thread cutting in heat-resistant and high-strength materials] Narezanie naruzhnoi i vnutrennei rez'by po zharoprochnym i vysokoprochnym materialam. Pod red. N.I. Reznikova. [Kuibyshev] Kuibyshevskoe knizhnoe izd-vo, 1962. 67 p.
[MICROFILM]

BUROV, A.P. [How to search for diamonds] Kak iskat' almazy. Izd.2, Moskva, Gosgeoltekhizdat, 1962, 36 p. (Bibliotechka iskatelia poleznykh iskopaemykh)

BUTT, IU.M., O.N. DUDEROV, and M.A. MATVEEV. [General technology of silicates] Obshchaia tekhnologiia silikatov. Izd.2., perer. i dop. Moskva, Gosstroiizdat, 1962. 462 p.

CHECHETKIN, A. V. [High-temperature heat-transfer agents] Vysokotemperaturnye teplonositeli Izd 2, perer. i dop Moskva, Gosenergoizdat, 1962. 423 p

CHEREPKOV, I. F. [Vapor pressure of nitrogen oxides over nitrose] Ob uprugosti parov okislov azota nad nitrozoi Moskva, Laboratoriia nauchno-tekhn informatsii, 1961. 11 p (Tekhnicheskaia informatsiia)

[MICROFILM]

CHERNOSVITOV, IU. L. [How to search for clay deposits] Kak iskat' mestorozhdeniia gliny. Izd 3 Moskva, Gosgeoltekhizdat, 1962 34 p (Bibliotechka iskatelia poleznykh iskopaemykh)

CHERNYSHEV, A. KH. [An all-wave amateur radio receiver] Vsevolnovyi liubitel'skii radiopriemnik Moskva, Gosenergoizdat, 1962 23 p. (Massovaia radio biblioteka, no 434)

CHIRKIN, G. S. [Safety engineering and fire prevention measures] Tekhnika bezopasnosti i protivopozharnaia tekhnika Moskva, Vysshaia shkola, 1962. 223 p.

CHIZHIKOV, D. M. [Cadmium] Kadmii. Moskva, Izd-vo Akad. nauk SSSR, 1962. 227 p.

CHMYR', V. D. [Laboratory tests of building materials; for masons] Laboratornye raboty po ispytaniiu stroitel'nykh materialov, dlia kamenshchikov. Moskva, Profizdat, 1962. 103 p.

CHOLCHEVA, P. I. [Vegetables in present-day cookery. Translated from the Bulgarian] Ovoshchi v sovremennoi kulinarii. Pod red. Kirilla Gerasimova. Sofia, Gos. izd-vo "Tekhnika," 1962. 353 p.

[CONSTRUCTION OPERATIONS IN RAILROAD ELECTRIFICATION] Stroitel'nye raboty pri elektrifikatsii zheleznykh dorog. [By] A. P. Alekseev i dr. Moskva, Transzheldorizdat, 1962. 287 p.

DALIDCHIK, I. D. [Safety regulations for the use of electric equipment in automotive transportation units] Pamiatka po elektrobezopasnosti v avtokhoziaistvakh. Izd. 2., perer. i dop. Moskva, Avtotransizdat, 1961. 45 p. (Tekhnika bezopasnosti na avtotransporte)

DANILOV, P. I. [Installation of automatic article-counting devices on press forging equipment] Ustroistvo avtomaticheskogo scheta izdelii na kuznechno-pressovom oborudovanii. Leningrad, 1962. 11 p (Leningradskii dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia: Pribory i elementy avtomatiki, no. 8)

DANILOV, P. P. [Handbook on accident prevention for the hydraulic excavator operator] Pamiatka po tekhnike bezopasnosti dlia gidromonitorshchika. Moskva, Gosstroiizdat, 1962. 30 p. (Tekhnika bezopasnosti v stroitel'stve)

DANILOV, P. P. [Safety regulations for electric winches] Pamiatka po tekhnike bezopasnosti dlia mashinista elektricheskoi lebedki. Moskva, Gosstroiizdat, 1962. 23 p. (Tekhnika bezopasnosti v stroitel'stve)

DAVANKOV, A. B. [Ion exchangers] Ionity. Moskva, Izd-vo "Znanie," 1962. 40 p. (Novoe v zhizni, nauke, tekhnike. IV Seriia: Tekhnika, no. 24)

DAVYDOV, L. IA. [The Irtysh will flow westward] Irtysh potechet na zapad. Alma-Ata, Kazakhskoe gos. izd-vo, 1962. 38 p.

[MICROFILM]

DEGTIAREV, A. P., and others. [Bulldozer work] Bul'dozernye raboty. Pod red. A. P. Degtiareva. Moskva, Gosstroiizdat, 1962. 212 p (Serija posobii po povysheniiu masterstva stroitelei)

DELIBASH, B. A., M. S. ZHIVOV, and L. E. TRUNKOVSKII. [Modern methods for conducting electrical equipment installation operations] Progressivnye metody proizvodstva elektromontazhnykh rabot. Moskva, Gosstroiizdat, 1962 134 p.

DEMAT, M. P., and others. [Planning the organization and execution of erecting work, principal designs of the rigging of equipment] Proektirovanie organizatsii i proizvodstva montazhnykh rabot; osnovnye reshenita takelazha oborudovaniia. Moskva, Gosstroiizdat, 1962. 182 p.

DEMIDOV, P. G. [Combustion and the properties of fuels] Gorenie i svoistva goriuchikh veshchestv. Moskva, Izd-vo M-va komm. khoz. RSFSR, 1962. 283 p.

DIASAMIDZE, L. N., K. A. KUTATELADZE, and IU. V. GEGELASHVILI. [Water-supply engineering. Vodosnabzhenie. Tbilisi, Izd-vo Gruzinskogo politekhn in-ta im. V. I. Lenina. In Georgian]
Pt. 1 [The system and its structures Set' i ee sooruzhenila] 1962 350 p

DIZELESTROITEL'NYI ZAVOD IM. S. M. KIROVA, Bol'shoi Tokmak. [The 1CH 10,5/13 and 6CH 10,5/13 Diesel engines, descriptions and maintenance instructions] Dizeli 4CH 10,5/13 i 6CH 10,5/13, opisanie i instruktsii po obsluzhivaniiu Moskva, Mashgiz, 1962 158 p.

DOBROVOL'SKII, V. A., and A. G. MALYSHEV. [Practice of filling a mined area in steep coal seams and the outlook for using it in the Donets Basin] Opyt zakladki vyrabotannogo prostranstva na krutykh plastakh uglia i perspektivy ee primeneniia v Donbasse, doklad na nauchno-tekhnicheskoi konferentsii v g. Gorlovka Moskva, In-t gornogo dela, 1962. 27 p.

DODIK, S. D. [Transistorized d.c. voltage and current regulators] Poluprovodnikovye stabilizatory postoiannogo napriazheniia i toka. Moskva, Izd-vo "Sovetskoe radio," 1962. 352 p.

DORMAKOVICH, P. A., A. V. MIKHALKOV, and A. V. PETROV. [Manufacture and maintenance of gas-discharge light fixtures] Izgotovlenie i obsluzhivanie gazosvetnykh ustanovok. Moskva, Gosenergoizdat, 1962. 54 p. (Biblioteka elektromontera, no. 72)

DROZDOVA, L. V., and K. I. LIBENSON. [Methods for checking the kinematic precision of small gear-milling machines] Metody proverki kinematicheskoi tochnosti zubofrezernykh stankov malykh modelei. Leningrad, 1962. 22 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia: Mekhanicheskaia obrabotka i kontrol' kachestva produktsii, no. 24)

DUBROVIN, E. N. [Designing the longitudinal section of city streets and roads] Proektirovanie prodol'nogo profilia gorodskikh ulits i dorog, lektsiia dlia studentov spetsial'nosti "Gorodskoe stroitel'stvo i khoziaistvo." Moskva, Vses. zaochnyi inzhenerno-stroit. in-t, 1962. 17 p.

[MICROFILM]

DUBROVSKII, V. V. [How to search for underground waters] Kak iskat' podzemnye vody. Izd. 2., dop. i ispr. Moskva, Gosgeoltekhizdat, 1962. 35 p. (Bibliotechka iskatelia poleznykh iskopaemykh)

DUTKIN, G. S. [Control of line equipment and increase in the quality of work in improving the assembly of overhead power transmission lines] Kontrol' linetnoi armatury i povyshenie kachestva montazha provodov linii elektroperedachi. Moskva, Orgenergostroi, 1962 87 p. (Iz opyta energeticheskogo stroitel'stva)

DZHUGELI, K. I., and A. G. KECHKHUASHVILI. [Technology of metals. Tekhnologiia metallov. Tbilisi, Izd-vo Gruzinskogo sel'khoz. in-ta,] 1962. 421 p [In Georgian]

EDNERAL, F. P., and A. F. FILIPPOV. [Calculations on the electrometallurgy of steel and ferroalloys] Raschety po elektrometallurgii stali i ferrosplavov. Izd. 2., ispr. i dop. Moskva, Metallurgizdat, 1962. 230 p.

EGOROV, M. E. [Lecture course on technological processes in the manufacture of machinery] Kurs tekhnologii mashinostroeniia. Moskva, Vses. zaochnyi energ. in-t,
Pt. 2. [Methods for machining machine-part elements and the technology of assembling processes] Metody mekhanicheskoi obrabotki elementov detalei mashin i tekhnologiia sborochnykh protsessov. 1962. 223 p.

EPSHTEIN, A. G. [Experience in the design and manufacture of modern furniture of the enterprises of the Lithuanian Economic Council] Opyt proektirovaniia i proizvodstva sovremennoi mebeli v Litovskom sovnarkhoze. Leningrad, 1962. 13 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia: Derevoobrabatyvaiushchaia promyshlennost', no. 6)

[ESTABLISHMENT OF THE CONSOLIDATED ELECTRIC POWER DISTRIBUTION SYSTEM] Za sozdanie edinoi energeticheskoi sistemy; materialy seminara. Moskva, Orgenergostroi, 1961. 102 p. (Iz opyta energeticheskogo stroitel'stva)

FAISANDIER, J. [Hydraulic machinery. Translated from the French] Gidravlicheskie mekhanizmy. Moskva, Gos. izd-vo obor. promyshl., 1960. 190 p. (CLU)

FEDORCHENKO, I. M. [Ceramic metal products in the national economy] Metalokeramichni vyroby u narodnomu hospodarstvi. Kyiv, 1962. 30 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR. Seriia 7, no. 7)

FEDOT'EV, N. P., and others. [Applied electrochemistry] Prikladnaia elektrokhimiia. Leningrad, Goskhimizdat, 1962. 638 p

FEODOS'EV, V. I., ed. [Some problems in mechanics] Nekotorye voprosy mekhaniki, sbornik statei Moskva, Oborongiz, 1962. 203 p.

FILIN, A. P., ed. [Modern methods of calculating composite statically indeterminate systems. Translated from the English] Sovremennye metody raschetov slozhnykh staticheski neopredelimykh sistem; sbornik statei. Leningrad, Sudpromgiz, 1961. 575 p

FIL'KOV, N. I., V. M. SHABLI, and M. M. MAIZEL'. [Repair of the trucks of the TE3 diesel locomotive] Remont telezhek teplovoza TE3. Moskva, Transzheldorizdat, 1962. 57 p. (Bibliotechka slesaria po remontu teplovozov)

[FOR TRAFFIC SAFETY. Za bezopasnoe dvizhenie. Erevan, Armianskoe gos. izd-vo] 160 p. [In Armenian]

FRENKEL', S. SH. [Manual for young milling-machine operators] Spravochnik molodogo frezerovshchika Izd 2, perer. i dop Moskva, Profizdat, 1962 459 p

FRITZSCHE, C. H., and H. L. J. POTTS. [Horizontal mining. Translated from the English] Gorizontal'naia razrabotka ugol'nykh mestorozhdenii. Pod red B. M. Vorob'eva. Moskva, Ugletekhizdat, 1958 394 p.
(MIDW)

GAKEL', R. A. [Wool spinning machinery with continuous action, condenser spinning] Sherstoprialil'nye mashiny nepreryvnogo deistvila; apparatnoe priadenie. Izd. 2., perer. i dop. Moskva, Rostekhizdat, 1962. 251 p. (Uchebniki i uchebnye posobiia dlia podgotovki rabochikh massovykh professii)

GANIUSHIN, A. I. [Handbook on accident prevention for the operator of self-propelled asphalt spreaders] Pamiatka po tekhnike bezopasnosti dlia mashinista avtogudronatorov. Moskva, Gosstroiizdat, 1962. 16 p. (Tekhnika bezopasnosti v stroitel'stve)

GAPEEV, V. N. [Dissemination of information on accident prevention in construction. Recording and analysis of accidents] Propaganda tekhniki bezopasnosti na stroitel'stvo. Uchet i analiz travmatizma. Pod obshchei red N. A Smirnova Leningrad, 1962. 32 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Seriia: Bibliotechka stroitelia po tekhnike bezopasnosti, no. 2)

GARAEV, MUKHAMED. [A storehouse of potentials] Kladovaia rezervov. [Moskva] Mosk. rabochii, 1962. 31 p. (Novatory sorevnuiutsia)

GASITASHVILI, G. S. [Popular methods of wood processing. Narodnye sposoby derevoobrabotki. Tbilisi,] 1962. 86 p. [In Georgian with summary in Russian]

GEGUZIN, IA. E. [Macroscopic defects in metals] Makroskopicheskie defekty v metallakh. Moskva, Metallurgizdat, 1962. 252 p.

GEL'MAN, A. S. [Technology of electric resistance welding. Tekhnologiia kontaktnoi elektrosvarki Tbilisi, Gos. izd-vo uchebno-pedagog. lit-ry] 1961. 402 p. [In Georgian]

GEODAKOV, A. I. [Zincography] TSinkografiia. Moskva, Izd-vo "Iskusstvo," 1962. 300 p.

GINZBURG, Z. B. [Electric power distribution networks and electric lighting in lumbering] Elektricheskie seti i osveshchenie na lesozagotovkakh. Moskva, Goslesbumizdat, 1962. 202 p.

GLASTOVETSKII, G. S. [Tuned parametric high-frequency amplifiers using transistor diodes and their applications] Rezonansnye parametricheskie usiliteli vysokoi chastoty na poluprovodnikovykh diodakh i ikh primenenie; stenogramma lektsii. Leningrad, 1962. 30 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Seriia: Pribory i elementy avtomatiki)

GODES, E. G. [Construction of intakes] Opyt stroitel'stva vodozabornykh sooruzhenii. Leningrad, Gosstroiizdat, 1962. 190 p.

[illegible] [illegible] [illegible] [

KAPITSA, P. L. [High-power electronics] Elektronika bol'shikh moshchnostei. Moskva, Izd-vo Akad. nauk SSSR, 1962. 191 p.

KAPLUN, IU. V., comp. [Forty years of the Donetsk Polytechnical Institute] Donetskii ordena Trudovogo Krasnogo Znameni politekhnicheskii institut za 40 let. Stalino, Knizhnoe izd-vo, 1961. 124 p. (MH)

KARA, P. F., and G. A. BABAK. [VTsNI 8 centrifugal fan] TSentrobezhnyi ventilitator VTsNI, 6. Moskva, Gosgortekhizdat, 1962. 46 p.

KARAEV, A. K., A. L. VOLIK, and O. P. KOL'TSOV. [Drilling oil and gas wells, practice of the petroleum workers of Krasnodar Territory] Burenie neftianykh i gazovykh skvazhin, opyt neftianikov Krasnodarskogo kraia. Moskva, Gostoptekhizdat, 1962. 176 p.

KARAEV, S. K. [Improving equipment for drilling deep exploratory wells] Sovershenstvovanie tekhnologii bureniia glubokikh razvedochnykh skvazhin. Baku, Azerbaidzhanskoe gos. izd-vo, 1961. 131 p.

KARMADONOV, A. F. [Shaft couplings] Soedinitel'nye ustroistva valov. Moskva, Mashgiz, 1962. 86 p.

KARUS, E. V., and V. I. KEILIS-BOROK, eds. [Problems in seismic prospecting. Translated from the English and French] Problemy seismicheskoi razvedki, sbornik statei. Moskva, Gostoptekhizdat, 1962. 225 p.

KASHARSKII, E. G., R. KH. SAFIULLINA, and I. D. URUSOV. [Theoretical and methodological problems concerning the design of a series of large synchronous machines] Nauchno-metodicheskie voprosy sozdaniia serii krupnykh sinkhronnykh mashin. Pod red. I. D. Urusova. Moskva, Izd-vo Akad. nauk SSSR, 1962. 153 p.

KATSNEL'SON, V. B., and V. A. RYLOV. [Experience in the automation of the thermal departments of electric power plants] Opyt avtomatizatsii turbinnykh tsekhov elektrostantsii. Moskva, Biuro tekhn. informatsii, 1961. 25 p.
[MICROFILM]

KEMAKH, I. I., and V. A. VOLYNTSEV. [Construction of high reinforced-concrete structures] Stroitel'stvo vysotnykh zhelezobetonnykh sooruzhenii. Moskva, Gosstroiizdat, 1962. 278 p.

KHACHATRIAN, A. B. [Safety measures and fire measures in agriculture. Tekhnika bezopasnosti i protivopozharnye meropriiatiia v sel'skom khoziaistve. Erevan, Armianskoe gos. sel'khoz. izd-vo] 1962. 68 p. [In Armenian]

KHARKEVICH, A. A. [Fundamentals of radio engineering] Osnovy radiotekhniki. Moskva, Sviaz'izdat, 1962. 557 p.

KHARLAMOV, P. G., G. S. SHCHERBACHEVICH, and B. S. SKACHKOV. [Organization of technical and preventive inspection of diesel locomotives] Organizatsiia tekhnicheskikh i profilakticheskikh osmotrov teplovozov. Moskva, Transzheldorizdat, 1962. 51 p. (Bibliotechka slesaria po remontu teplovozov)

KHIMKI. TSENTRAL'NYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT MEKHANIZATSII I ENERGETIKI LESNOI PROMYSHLENNOSTI. [Album of drawings of repair dimensions and additional parts (attachments) for the "Druzhba-60" gasoline engine saw] Al'bom [illegible] ykh razmerov i dopolni- benzinomotornoi pily oslesbumizdat, 1962. 14 p. onta lesozagotovitel'nykh

[illegible], DUZHKIN. [Heat and rior elements of apartment n v ograzhdaiushchikh kon- . Pod red. B. N. Lobaeva. 93 p.

very minute count] Dorozha pol', Krymizdat, 1961.

ıms for the hydraulic calcu- amy dlia gidravlicheskogo 'ychislitel'nykh tsentr AN hs.

electrical networks] Khetti Azerneshr, 1962. 522 p.

KLAUZ, P. L., and G. N. KRIUKOV. [Organization and operation of mechanized construction and track maintenance work] Organizatsiia i proizvodstvo mekhanizirovannykh stroitel'nykh i putevykh rabot. Moskva, Transzheldorizdat, 1962. 267 p. diagrs.

KLEPIKOV, M. M. [Economize nonferrous metals] Ekonom'te tsvetnye metally. [Riazan'] Riazanskoe knizhnoe izd-vo, 1962. 15 p.

KOMAROV, N. S. [Manual for the refrigerating engineer] Spravochnik kholodil'shchika. 2 izd., perer. i dop. Moskva, Mashgiz, 1962. 418 p.

KONASHKO, N. P. [Advanced technology and mechanization of founding operations] Peredova tekhnologiia i mekhanizatsiia lyvarnoho vyrobnytstva. Kyiv, Derztekhvydav URSR, 1962. 150 p. (Semyrichka v dii)

KORENEV, B. G., and E. I. CHERNIGOVSKAIA. [Calculations for plates on an elastic foundation] Raschet plit na uprugom osnovanii, posobie dlia proektirovshchikov. Moskva, Gosstroiizdat, 1962. 354 p.

KOROLEV, A. N., and A. I. POPOV. [Economics, organization, and planning of railroad car operation] Ekonomika, organizatsiia i planirovanie vagonnogo khoziaistva. Moskva, Transzheldorizdat, 1962. 290 p.

KORSUNSKII, A. I., L. G. LEVINSKII, and B. A. TIBILOV. [Structural plastics] Stroitel'nye plastiki. Leningrad, Gosstroiizdat, 1962. 126 p.

KOSHARNOVSKII, V. P. [Metal cutting and metal-cutting tools, bibliography] Rezanie metallov i metallorezhushchie instrumenty; bibliograficheskii spravochnik. Khar'kov, Khar'kovskii gos. univ., 1962. 127 p.
[MICROFILM]

KOSHKIN, L. N., and V. F. PREIS. [Automatic transfer-machine lines for stamping] Avtomaticheskie rotornye linii v shtampovochnom proizvodstve. Pod obshchei red. V. P. Romanovskogo. Moskva, Mashgiz, 1962. 48 p. (Bibliotechka shtampovshchika, no. 2)
[MICROFILM]

KOVALENKO, I. F. [Construction of asphalt concrete and cement concrete roads] Stroitel'stvo asfal'tobetonnykh i tsementnobetonnykh dorog. Alma-Ata, Kazakhskoe gos. izd-vo, 1962. 118 p.

KOVNER, S. S. [Contribution to the theory of automatic control of a drawing process] K teorii avtomaticheskogo regulirovaniia protsessa vytiagivaniia. Moskva, Rostekhizdat, 1962. 123 p.

KRASNOSHCHEKOV, M. M., and A. P. SOROKIN. [Some results of the operations of the Clothing Industry Administration of the Executive Committee of Leningrad City under the new wage system] Nekotorye itogi raboty predpriiatii Upravleniia shveinoi promyshlennosti Lengorispolkoma v novykh tarifnykh usloviiakh. Leningrad, 1962. 31 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Seriia: Shveinaia promyshlennost')

KROL', L. B. [Principal features of high-pressure and super-high pressure boiler units] Osnovnye osobennosti kotel'nykh agregatov vysokogo i sverkhkriticheskogo davleniia. Moskva, Gosenergoizdat, 1962. 239 p.

KROTKOV, I. N. [New equipment and techniques for precise measurement of inductance, resistance, and capacitance; author's abstract of his dissertation for the degree of doctor of technical sciences] Novye metody i apparatura dlia tochnykh izmerenii induktivnosti, soprotivleniia i emkosti, avtoreferat dissertatsii na soiskanie uchenoi stepeni doktora tekhnicheskikh nauk. Leningrad, Leningradskii politekhnicheskii in-t im. M. I. Kalinina, 1961. 20 p.

KRUGLIAK, I. N., and G. D. SVIDERSKII. [Repair of household refrigerators] Remont domashnikh kholodil'nikov. Izd. 2., perer. i dop. Moskva, Gosmestpromizdat, 1961. 279 p.

KULIEV, S. M., and R. G. NAZAROVA. [From the history of oil-well drilling in Azerbaijan] Azerbaichanda neft qulularynyn qazylmasy tarikhinden. Baky, Azerbaichan dovlet neshriiaty, 1962. 105 p. [In Azerbaijani]

KURITS, S. IA., I. I. PASHENIN, and IU. S. CHARNYI. [Use of open arrangements of compressor and pumping stations driven by gas turbines] Primenenie otkrytykh komponovok kompressornykh i nasosnykh stantsii s privodom ot gazovykh turbin. Moskva, VNIIST Glavgaza SSSR, redaktsionno-izd. otdel, 1962. 47 p. (Opyt stroitel'stva magistral'nykh truboprovodov)

KUTIKOV, G. S. [Line maintenance work on motor vehicles] Potochnoe tekhnicheskoe obsluzhivanie avtomobilei. Moskva, Avtotransizdat, 1962. 134 p.

KUZNETSOV, P. I., and V. N. RENGACH. [Interesting new developments in technology] Interesnye tekhnicheskie novinki. Leningrad, Ob-vo po raspr. polit. i nauchn. znanii RSFSR, 1961. 110 p.

KUZNETSOV, S. P. [Aid to an iron melter] V pomoshch' plavil'shchiku chuguna. [Cheliabinsk] Cheliabinskoe knizhnoe izd-vo, 1962. 133 p.

KVASHNINA, D. M. [Smoking fish] Kopchenie ryby. [Arkhangel'sk] Arkhangel'skoe knizhnoe izd-vo, 1959. 68 p.
[MICROFILM]

KVEZERELI-KOPADZE, N. I. [Bridges of Tiflis. Mosty Tbilisi. Tbilisi, Gos. izd-vo "Sabchota Sakartvelo"] 1961. 113 p. 31 p. of illus. [In Georgian]

LAGUNOVSKII, M. I. [Party organization and the mass introduction of technological innovations] Partorganizatsiia i massovoe tekhnicheskoe tvorchestvo. Minsk, Gos. izd-vo BSSR, 1962. 44 p. (Iz opyta partiinoi raboty)

LAPIN, K. K. [Conquerors of the Volga] Pokoriteli Volgi; ocherki. [Kuibyshev] Kuibyshevskoe knizhnoe izd-vo, 1956. 140 p.

LAPIR, F. A., A. A. SUSNIKOV, and D. L. SHAGINOV. [Mechanical equipment of plants manufacturing precast reinforced-concrete elements; atlas of technical drawings] Mekhanicheskoe oborudovanie zavodov sbornykh zhelezobetonnykh izdelii, atlas konstruktsii. Pod. red. D. L. Shaginova. Moskva, Mashgiz, 1962. 128 p.

LAPTEV, S. A. [Road testing of automobiles] Dorozhnye ispytaniia avtomobilei. Moskva, Mashgiz, 1962. 314 p.

LEBEDEV, A. A., and L. S. CHERNOBROVKIN. [Dynamics of the flight of pilotless aircraft] Dinamika poleta bespilotnykh letatel'nykh apparatov. Pod red. A. A. Lebedeva. Moskva, Oborongiz, 1962. 548 p.

LEBEDEV, N. S., and A. S. TELEGIN. [Heating furnaces] Nagrevatel'nye pechi. Moskva, Mashgiz, 1962. 344 p.

LETOV, A. M. [Stability of nonlinear controllable systems] Ustoichivost' nelinetnykh reguliruemykh sistem. Izd. 2., ispr. i dop. Moskva, Fizmatgiz, 1962. 483 p.

LIBEROV, D. D. [Preliminary and commercial processing of sea animals in the North; Greenland seal] Pervichnaia i zavodskaia obrabotka morskogo zveria na Severe; grenlandskii tiulen'. [Arkhangel'sk] Arkhangel'skoe knizhnoe izd-vo, 1959. 76 p.
[MICROFILM]

LITVINOV, B. A. [Basic problems in constructing and adjusting traverse nets] Osnovnye voprosy postroenila i uravnivaniia poligonometricheskikh setei. Moskva, Geodezizdat, 1962. 227 p.

LIUBARETS, I. M., and L. I. SVERDEL'. [Loader operator] Mashinist promyvochnoi mashiny. Moskva, Gosgortekhizdat, 1962. 36 p. (Bibliotechka molodogo obogatitelia)

LIUBICH, M. G. [Hygienic characteristics of footwear and ways of their improvement] Gigienicheskie svoistva obuvi i puti ikh uluchsheniia; iz talkia lektsii dlia zaochnykh kursov po novoi tekhnike i progressivnoi tekhnologii obuvnogo proizvodstva. Moskva, Rostekhizdat, 1962. 69 p.
[MICROFILM]

LIVSHITS, IA. D., and P. I. SEMENOV. [Exercises in structural mechanics] Sbornik upraznenii po stroitel'noi mekhanike. 2. izd., dop. Kiev, Gosstroiizdat, USSR, 1962. 334 p.

LIVSHITS, L. S. [Welding steel alloys in assembly work in construction] Svarka legirovannykh stalei na montazhnykh rabotakh v stroitel'stve. Moskva, Gosstroiizdat, 1962. 101 p.

LOGACHEV, A. A. [Course in magnetic prospecting] Kurs magnitorazvedki. Izd. 2., ispr. i dop. Leningrad, Gostoptekhizdat, 1962. 360 p.

LOPAI, S. D., A. I. REPREV, and D. S. KONDRASHOV. [Over-all mechanization of ballasting operations] Kompleksnaia mekhanizatsiia ballastirovochnykh rabot. Moskva, Transzheldorizdat, 1962. 175 p.

LOSEV, D. P., G. L. POLISAR, and IU. P. FILIMONOV. [Elements and networks of contactless remote control devices] Elementy i uzly beskontaktnykh telemekhanicheskikh ustroistv. Leningrad, Sudpromgiz, 1962. 246 p.

LOSKUTOV, V. V. [Polishing of metals] Shlifovanie metallov. Izd. 4., perer. Moskva, Mashgiz, 1962. 279 p.

LYSOV, I. V., and V. L. RIASKOV. [Manual for mechanics] Spravochnik slesaria. [Saratov] Saratovskoe knizhnoe izd-vo, 1962. 303 p.

MADIANOV, A. M. [Solidification and new methods of steel casting] Zatverdevanie i novye sposoby razlivki stali. Pod red. A. A. Ryzhikova. Moskva, Metallurgizdat, 1962. 109 p.

MAGARSHAK, B. G. [Electrical measurements] Elektricheskie izmerenila. Izd 2., dop i perer. Leningrad, Sudpromgiz, 1962. 336 p.

MAKAREVICH, V. S., and others. [Detection and elimination of faults in VL22^{M} electric locomotives] Obnaruzhenie i ustranenie neispravnostei na elektrovozakh VL22^{M}. Moskva, Transzheldorizdat, 1962. 127 p.

MAKHNOVICH, A. T. [Handbook on accident prevention for the molding machine operator, production of reinforced-concrete products] Pamiatka po tekhnike bezopasnosti dlia mashinista formovochnoi mashiny; po proizvodstvu zhelezobetonnykh izdelii. Moskva, Gosstroiizdat, 1962. 21 p. (Tekhnika bezopasnosti v promyshlennosti stroitel'nykh materialov)

MAKHVILADZE, S. I. [Guide to wood. Drevesinovedenie. Tbilisi, Gos. izd-vo uchebno-pedagog. lit-ry] 1962. 223 p. [In Georgian]

MAKSIMOVA, G. P. [Recommended literature on the achievements of radio electronics and prospects for its future development] Radioelektronika, ee dostizhenila i perspektivy razvitila, rekomendatel'nyi obzor literatury, Moskva, Gos. biblioteka SSSR im V. I. Lenina, 1962. 23 p. (Novosti nauki i tekhniki, no. 33)

MALAKHOV, IA. I., and N. A. PEKAREVA. Elektrostal'. Pod red. P. A. Volodina. Moskva, Gosstroiizdat, 1962. 120 p. (Opyt sovetskoi arkhitektury)

MAL'SHIKOVA, A. F., and K. F. DRUZHININ. [Selecting the layout and calculation of tracks in railroad stations of open-pit mines] Vybor skhem i raschet putevogo razvitila zheleznodorozhnykh stantsii na kar'erakh. Moskva, Gosgortekhizdat, 1962. 39 p.

MAMEDOV, SH. N. [Effective development of solid mineral deposits in the Azerbaijan S. S. R.] Ratsional'naia razrabotka mestorozhdenii tverdykh poleznykh iskopaemykh Azerbaidzhanskoi SSR. Baku, Azerbaidzhanskoe gos. izd-vo, 1961. 327 p.

MARKOV, A. L. [Measurement of surface roughness in compliance with State Standard 2789-59] Izmerenie sherokhovatosti poverkhnosti po GOST 2789-59. Leningrad, 1962. 25 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Serila: Mekhanicheskaia obrabotka i kontrol' kachestva produktsii, no. 20)

MARKOVICH, M. P. [Structural elements and construction work at the surface of mines] Stroitel'nye konstruktsii i proizvodstvo stroitel'nykh rabot na poverkhnosti shakht. Moskva, Gosgortekhizdat, 1962. 420 p.

MARKUS, JOHN, comp. [Handbook of electronic control circuits. Translated from the English] Skhemy elektronnoi avtomatiki. Pod red. i s predisl. V. A. Ivanova i A. A. Sokolova. Moskva, Izd-vo inostr. lit-ry, 1962. 342 p.

MARTYS', N. A. [So that our beacon lights may shine more brightly] Chtoby iarche svetili maiaki. Minsk, Gos. izd-vo BSSR, 1962. 37 p. (Iz opyta partiinoi raboty)

MEKHTIEV, S. D., and IU. G. KAMBAROV. [Olefinic hydrocarbons and their use in the petrochemical industry] Olefinovye uglevodorody i ikh primenenie v neftekhimicheskoi promyshlennosti. Baku, Azerbaidzhanskoe gos. izd-vo, 1962. 162 p.

MEKHTIEV, SH. F. [Valuable liquid fuel; about oil] Gymatli duru lanachag; neft haggynda. Baky, Azerbaichan ushag v kenchiler edebiiiaty neshriiiaty, 1962. 148 p. [In Azerbaijani]

MEKKEL', S. A. [Analysis of the potentials of lowering labor consumption as exemplified by the coal industry of the Kuznetsk Basin] Analiz rezervov snizhenila trudoemkosti na primere ugol'noi promyshlennosti Kuzbassa. Novosibirsk, Izd-vo Sibirskogo otd-nie, 1962. 54 p.

MELAMED, Z. M. [Uncovering the potentials for and the ways of increasing the capacity of hoists in operating mines] Vyiavlenie rezervov i puti povysheniia propusknoi sposobnosti pod"emnykh ustanovok deistvuiushchikh shakht. Moskva, In-t gornogo dela im. A. A. Skochinskogo, 1962. 49 p.

MELKONIAN, V. A. [Recovery of rare metals and their use in the national economy. Poluchenie redkikh metallov i ikh primenenie v narodnom khoziaistve. Erevan, Armianskoe gos. izd-vo] 1962. 146 p. [In Armenian]

MEL'KUMOV, L. G., E. I. ORLOV, and N. A. FILIMONOV [Mining machinery for strip mining] Gornye mashiny dlia otkrytykh rabot. Moskva, Gosgortekhizdat, 1962. 470 p.

MEL'NIKOV, N. P., ed. [Handbook for the designer of industrial, residential and public buildings and structures, metal elements of industrial buildings and structures] Spravochnik proektirovshchika promyshlennykh, zhilykh i obshchestvennykh zdanii i sooruzhenii, metallicheskie konstruktsii promyshlennykh zdanii i sooruzhenii. Moskva, Gosstroiizdat, 1962. 616 p.

MEL'NIKOV, N. V., ed. [Handbook on drilling and blasting in construction] Spravochnik po burovzryvnym rabotam na stroitel'stve. Moskva, Gosstroiizdat, 1962. 392 p.

MEL'NIKOV, O. D. [Quartz veins and the minerals associated with them] Kvartsevye zhily i sviazannye s nimi poleznye iskopaemye. Izd. 2. Moskva, Gosgeoltekhizdat, 1962. 40 p. (Bibliotechka iskatelia poleznykh iskopaemykh)

MEL'NIKOV, V. I., P. G. SERGEEV, and IU. IA. DMITRIEV. [Land transportation of timber and lumber floating] Sukhoputnyi lesotransport i lesosplav. Moskva, Goslesbumizdat, 1962. 314 p.

MEOS, A. I. [Properties and use of synthetic fibers] Svoistva i primenenie sinteticheskikh volokon. Leningrad, 1962. 26 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Serila: Sinteticheskie materialy, no. 6)

[METHODOLOGY FOR SOLVING GENERAL ELECTRICAL ENGINEERING PROBLEMS] Metodika reshenila zadach po obshchei elektrotekhnike. [By] E. G. Atamalian i dr. Pod red. V. K. Ponomarenko. Moskva, Vysshaia shkola, 1962. 107 p.
[MICROFILM]

METS, A. F. [Production organization in rolling mills] Organizatsiia proizvodstva v prokatnykh tsekhakh. Moskva, Metallurgizdat, 1962. 215 p.

MIKHAILOVA, V. I., and Z. I. ZHURBINA. [Reading of mechanical drawings] Chtenie chertezhei v mashinostroenii. Moskva, Profizdat, 1962. 215 p. (Biblioteka molodogo rabochego)

MIKHELEV, A. A. [Handbook of the bakery mechanic] Spravochnik mekhanika khlebopekarnogo proizvodstva. Kiev, Gostekhizdat USSR, 1962. 472 p.

MIKULIN, B. P., and P. M. SHVARKOV. [Surveying, designing, and planning of industrial railroads] Izyskanila i proektirovanie zheleznykh dorog promyshlennykh predpriiatii. Moskva, Metallurgizdat, 1962. 271 p.

MIL'KO-CHERNOMORETS, N. A. [Investigating the performance of tractor-drawn transportation units] Issledovanie raboty traktornogo transportnogo agregata. Minsk, Sel'khozgiz BSSR, 1962. 38 p.

MINASIAN, S. M. [Future development of the electric equipment industry in Armenia. Perspektivy razvitila elektrotekhnicheskoi promyshlennosti Armenii. Erevan, Armuchpedgiz] 1962. 101 p. [In Armenian]

MIRONOV, L. V., and others. [Phase transformations and properties of electrical steel] Fazovye prevrashcheniia i svoistva elektrotekhnicheskikh stalei. Sverdlovsk, Metallurgizdat, 1962. 34 p.

MIRSKII, A. I. [Hot bituminous grouting] Goriachaia bitumizatsiia; opyt stroitel'stva. Moskva, Gosstroiizdat, 1962. 99 p.

MIRZADZHANZADE, A. KH., and others. [Theory and practice of the development of gas-condensate wells] Teoriia i praktika razrabotki gazokondensatnykh mestorozhdenii. Pod obshchei red. A. Kh. Mirzadzhanzade. Moskva, Gostoptekhizdat, 1962. 229 p.
[MICROFILM]

MITIASHEV, B. N. [Determination of the position of pulses with respect to time in the presence of interference] Opredelenie vremennogo polozheniia impul'sov pri nalichii pomekh. Moskva, Sovetskoe radio, 1962. 198 p.

MOLCHANOV, V. F. [Rapid self-relating chrome plating, characteristics of chrome plating, properties of deposits, and selection of efficient methods] Skorostnoe samoreguliruiushcheesia khromirovanie, osobennosti khromirovaniia, svoistva osadkov i vybor ratsional'nykh rezhimov. Leningrad, 1962. 59 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Serlia: Zashchitnye pokrytiia)

MOROKOV, A. A. [Adjustment of ST-35 and STA teletypewriters] Regulirovka telegrafnykh startstopnykh apparatov tipa St-35, STA. Moskva, Sviaz'izdat, 1962. 80 p.

[MOSCOW - CHOP; railroad guide] Moskva - Chop; zheleznodorozhnyi putevoditel'. [Moskva] Transzheldorizdat, 1962. 150 p.

MOSCOW. GOSUDARSTVENNYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT ALMAZNOGO INSTRUMENTA I PROTSESSOV ALMAZNOI OBRABOTKI. [Diamond tools] Almaznye instrumenty. Pod red. L. K. Petrosiana. Moskva, Mashgiz, 1962. 96 p.

MOSCOW. NAUCHNO-ISSLEDOVATEL'SKII INSTITUT AVTOMOBIL'NOGO TRANSPORTA. [Manual on traffic safety] Rukovodstvo po obespecheniiu bezopasnosti dvizhenila. Moskva, Avtotransizdat, 1962. 107 p.

MOSCOW. NAUCHNO-ISSLEDOVATEL'SKII INSTITUT AVTOMOBIL'NOGO TRANSPORTA. [Technical specifications for the overhaul of the M-21 "Volga" automobile] Tekhnicheskie uslovila na kapital'noi remont avtomobilia M-21 "Volga." Moskva, Avtotransizdat.
Pt 2. [Technical specifications for checking and sorting parts of the M-21 "Volga" automobile] Tekhnicheskie uslovila na kontrol'-sortirovku detalei avtomobilia M-21 "Volga." 1962. 400 p.

MOSCOW. TSENTRAL'NOE BIURO PROMYSHLENNYKH NORMATIVOV PO TRUDU. [General norms for time and machining conditions used in the industry for machinery on automatic lathes; mass, large-lot and lot production] Obshchemashinostroitel'nye normativy vremeni i rezhimov rezaniia na tokarno-avtomatnye raboty; massovoe, krupnoseriinoe i seriinoe proizvodstvo. Moskva, Mashgiz, 1962. 271 p.

MOSCOW. TSENTRAL'NOE BIURO PROMYSHLENNYKH NORMATIVOV PO TRUDU. [General time norms used in the machinery industry for technical standardization of preparatory work on metal elements, small-lot and piece production] Obshchemashinostroitel'nye normativy vremeni dlia tekhnicheskogo normirovaniia zagotovitel'nykh rabot po metallokonstruktsiiam; melkoseriinoe i edinichnoe proizvodstvo. Moskva, Mashgiz, 1962. 102 p.

MOSCOW. TSENTRAL'NOE BIURO PROMYSHLENNYKH NORMATIVOV PO TRUDU. [Time norms established in the general machinery industry for pouring metal into molds in steel, iron, and nonferrous metal founding] Obshchemashinostroitel'nye normativy vremeni dlia tekhnicheskogo normirovaniia rabot po zalivke metalla v formy pri proizvodstve stal'nogo, chugunnogo i tsvetnogo lit'ia. Moskva, 1962. 82 p.

MOSCOW. TSENTRAL'NOE BIURO PROMYSHLENNYKH NORMATIVOV PO TRUDU. [Time norms established in the general machinery industry for shell molding and coremaking] Obshchemashinostroitel'nye normativy vremeni na izgotovlenie obolochkovykh form i sterzhnei. Moskva, 1961. 65 p.

MOSCOW. TSENTRAL'NYI INSTITUT INFORMATSII CHERNOI METALLURGII. [Iron mining and ore dressing industry] Zhelezorudnaia promyshlennost'. Moskva, Gosgortekhizdat, 1962. 439 p. (Tekhnicheskii progress v chernoi metallurgii SSSR)

MOSCOW. VSESOIUZNYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT AVIATSIONNYKH MATERIALOV. [Chromium and its alloys; review of foreign and some Russian publications issued during 1950-1960] Khrom i ego splavy, obzor zarubezhnoi i nekotoroi otechestvennoi literatury za 1950-1960 gg. [n. p.,] 1961. 39 p.
[MICROFILM]

MOSCOW. VSESOIUZNYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT MINERAL'NOGO SYR'IA [Industry's requirement as to the quality of mineral raw materials] Trebovaniia promyshlennosti k kachestvu mineral'nogo syr'ia, spravochnik dlia geologov. Moskva, Gosgeoltekhizdat.
No. 21. Grigorovich, M. B., and S. P. Kamenetskii. [Diatomite, tripoli, opoka] Diatomit, trepel, opoka. Izd. 2., perer. 1962. 34 p.

MOSCOW. VSESOIUZNYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT PO STROITEL'STVU. [Protection of building materials from corrosion] Zashchita stroitel'nykh konstruktsii ot korrozii. Moskva, Gosstroiizdat, 1962. 121 p.

MOSCOW. VSESOIUZNYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT VODOSNABZHENIIA, KANALIZATSII, GIDROTEKHNICHESKIKH SOORUZHENII I INZHENERNOI GIDROGEOLOGII [Geology of the foundations of high dams] Geologiia osnovanii vysokikh plotin. Pod obshchei red. M. P. Semenova. Moskva, Gosstroiizdat, 1962. 353 p.

MOSCOW. VSESOIUZNYI ZAOCHNYI INSTITUT INZHENEROV ZHELEZNODOROZHNOGO TRANSPORTA. [Disk brakes] Diskovyi tormoz, uchebnoe posobie po distsipline "Avtotormoza" dlia studentov V i VI kursov spetsial'nostei "Vagonostroenie i vagonnoe khoziaistvo," "Teplovozy i teplovoznoe khoziaistvo," "Elektrifikatsiia zheleznodorozhnogo transporta." Moskva, 1962. 30 p.

MOSCOW. VSESOIUZNYI ZAOCHNYI INSTITUT INZHENEROV ZHELEZNODOROZHNOGO TRANSPORTA. [General course in railroad engineering, a textbook on the section "Tracks, construction, operation and maintenance" for second year students in all specialization fields] Obshchii kurs zheleznykh dorog, uchebnoe posobie po razdelu "Put' i putevoe khoziaistvo" dlia studentov II kursa vsekh spetsial'nostei 2, perer. izd. Moskva, 1962. 24 p.
[MICROFILM]

MOSCOW. VSESOIUZNYI ZAOCHNYI INSTITUT INZHENEROV ZHELEZNODOROZHNOGO TRANSPORTA [Stray currents on d. c. railroads] Bluzhdaiushchie toki na elektricheskikh zheleznykh dorogakh postoiannogo toka, uchebnoe posobie po distsipline "Energosnabzhenie elektricheskikh zheleznykh dorog" dlia studentov V i VI kursov spetsial'nosti "Elektrifikatsiia zheleznodorozhnogo transporta." Moskva, 1962. 10 p.

MOSCOW. VYSTAVKA DOSTIZHENII NARODNOGO KHOZIAISTVA SSSR. [Science on the march] Nauka na marshe; putevoditel'-ocherk. [By] O. Pisarzhevskii. Moskva, Gostoptekhizdat, 1962. 40 p.

MUSTAFAEV, A. A. D. [Production technology of oil refinery equipment] Neft zavodu avadanlygynyn istehsal tekhnologiiasy. Baky, Azertedrisneshr. [In Azerbaijani]
Pt. 2. 1962. 270 p.

NADZHAFOV, A. M., and A. A. ALEKPEROV. [Automation in the chemical industry] Kimia senaiesinin avtomatlashdyrylmasy. Baky, Azerbaitchan SSR-iniasi ve elmi bilikleri iatan chemiiet, 1961. 50 p. [In Azerbaijani]

NAGIEV, M. F. [A wonderful substance; basic concepts of petroleum, petrochemical synthesis, and polymeric materials] Chudesnoe veshchestvo; osnovnye ponitatiia o nefti, neftekhimicheskom sinteze i proizvodstve polimernykh materialov. Izd. 2. Baku, Azerbaidzhanskoe gos. izd-vo, 1962. 328 p.

NAGIEV, M. F. [Principles of the development of complex chemical processes and designing of reactors] Osnovy razrabotki kompleksnykh khimicheskikh protsessov i proektirovaniia reaktorov. Pod red. A. V. Topchieva. Baku, Azerbaidzhanskoe gos. izd-vo, 1961. 499 p.

NAUCHNO-METODICHESKOE I KOORDINATSIONNOE SOVESHCHANIE NAUCHNO-ISSLEDOVATEL'SKIKH UCHREZHDENII SOTSIALISTICHESKIKH STRAN PO MEKHANIZATSII STROITEL'NYKH I EKSPLUATATSIONNYKH GIDROMELIORATIVNYKH RABOT I ISPOL'ZOVANIIU PLASTMASS V GIDROMELIORATIVNOM STROITEL'STVE, Moscow, 1960. [Mechanization of irrigation and drainage work and use of plastic materials in irrigation and drainage construction; materials] Mekhanizatsiia gidromeliorativnykh rabot i ispol'zovanie plastmass v gidromeliorativnom stroitel'stve, materialy Mezhdunarodnogo nauchno-metodicheskogo soveshchaniia. Moskva, Izd. VNIIGiM, 1962. 242 p.

NAUCHNO-TEKHNICHESKAIA KONFERENTSIIA, POSVIASHCHENNAIA VNEDRENIIU V PROIZVODSTVO PROGRESSIVNYKH METODOV SVARKI, Penza. [Introduction of progressive welding methods to industry] Progressivnye metody svarki - v proizvodstvo; materialy. Penza, TSentr. biuro tekhn. informatsii, 1961. 33 p.

NAUCHNO-TEKHNICHESKAIA KONFERENTSIIA RABOTNIKOV SAKHARNOI PROMYSHLENNOSTI KAZAKHSTANA I KIRGIZII, Frunze, 1961. [Materials of the Scientific and Technical Conference of the Representatives of the Sugar Industry of Kazakhstan and Kirghizistan, held in Frunze in 1961] Materialy. Frunze, In-t nauchno-tekhn. informatsii, 1961. 136 p.
[MICROFILM]

NAUCHNO-TEKHNICHESKOE OBSHCHESTVO RADIOTEKHNIKI I ELEKTROSVIAZI. [Session dedicated to the 100th anniversary of the birth of the great Russian scientist and inventor of the radio Aleksandr Stepanovich Popov, summaries of the papers] Nauchnaia sessiia, posviashchennaia stoletiiu so dnia rozhdeniia velikogo russkogo uchenogo izobretatelia radio Aleksandra Stepanovicha Popova, annotatsii k dokladam. Moskva, 1959. 148 p.

NAUCHNO-TEKHNICHESKOE SOVESHCHANIE PO ULUCHSHENIIU KACHESTVA TRANSFORMATORNYKH MASEL IZ VOSTOCHNYKH SERNISTYKH I DRUGIKH NEFTEI, 1961. [Improving the quality of transformer oils] Uluchshenie kachestva transformatornykh masel, trudy nauchno-tekhnicheskogo soveshchaniia. Pod red. K. I. Ivanova, i dr. Moskva, Gostoptekhizdat, 1962. 134 p.

NAUCHNOE SOVESHCHANIE PO TEPLOVYM NAPRIAZHENIIAM V ELEMENTAKH TURBOMASHIN, Kiev, 1961. [Thermal stresses in the elements of turbomachines] Teplovye napriazhenita v elementakh turbomashin, doklady. Kiev, Izd-vo AN USSR.
No. 2. 1962. 174 p.
[MICROFILM]

NECHAEV, A. S., and others. [Mill for the production of spirally welded tubes] Stan dlia proizvodstva spiral'no-svarnykh trub. [Cheliabinsk] Cheliabinskoe knizhnoe izd-vo, 1961. 50 p.

NECHAEV, G. K. [Semiconductor thermistors in automatic control] Poluprovodnikovye termosoprotivleniia v avtomatike. Kiev, Gostekhizdat, USSR, 1962. 253 p.

NECHAEV, M. A., and others. [Pocket guide for the gas distribution worker] Karmannyi spravochnik rabotnika gazovogo khoziaistva. Leningrad, Gostoptekhizdat, 1962. 526 p.

NEKLIUDOV, M. K. [Safety regulations for shovel excavator operators] Pamiatka po tekhnike bezopasnosti dlia mashinista odnokovshovykh ekskavatorov. Izd. 2., ispr. Moskva, Gosstroiizdat, 1962. 27 p. (Tekhnika bezopasnosti v stroitel'stve)

NESTEROV, P. G. [Driller] Buril'shchik. Kiev, Gostekhizdat USSR, 1962. 158 p.

NIFONTOV, B. I. [Rapid drifting] Skorostnoe provedenie gorizontal'nykh vyrabotok. Moskva, Gosgortekhizdat, 1962. 282 p.

NOKHRATIAN, K. A. [Drying and firing in the structural ceramics industry] Sushka i obzhig v promyshlennosti stroitel'noi keramiki. Moskva, Gosstroiizdat, 602 p.

NOVIKOV, I. I., and M. V. ZAKHAROV. [Heat treatment of metals and alloys] Termicheskaia obrabotka metallov i splavov. Pod obshchei red. I. I. Novikova. Moskva, Metallurgizdat, 1962. 420 p.

OB'EDINENNAIA NAUCHNAIA SESSIIA PO PROBLEMAM RAZVITIIA PROIZVODITEL'NYKH SIL TSENTRAL'NOGO KAZAKHSTANA, Karaganda, 1958. [Productive forces of central Kazakhstan] Proizvoditel'nye sily TSentral'nogo Kazakhstana; trudy sessii. Alma-Ata, Izd-vo Akad. nauk Kazakhskoi SSR.
Vol. 5. [Power engineering, water supply engineering, construction, and transportation] Energetika i vodnoe khoziaistvo, stroitel'stvo i transport. 1959. 257 p.
[MICROFILM]

OBOLENTSEV, F. D., ed. [Dimensional accuracy and surface quality of castings] Tochnost' i kachestvo poverkhnosti otlivok. Moskva, Mashgiz, 1962. 150 p.

OBOZNYI, A. G. [Plant and equipment of the machinery industry and the means to improve their use; the practice of the machine-tool and metal-cutting tool industry of the Ukrainian S.S.R.] Osnovnye fondy mashinostroeniia i puti uluchsheniia ikh ispol'zovaniia; na primere stankoinstrumental'noi promyshlennosti USSR. Kiev, Izd-vo Akad. nauk USSR, 1962. 158 p.

ODINTSOV, A. A. [Design of electrical elements of gyroscopic devices] Proektirovanie elektroelementov giroskopicheskikh ustroistv. Moskva, Vysshaia shkola, 1962. 190 p.

ODINTSOV, A. I., and V. I. SHELAPUTIN. [Frozen prepared foods] Zamorozhennye kulinarnye izdeliia. Moskva, Gostorgizdat, 1961. 38 p.

OKHRIMENKO, V. A. [Operator of hydraulic coal mines and pits] Gidromonitorshchik ugol'nykh shakhtakh i kar'erakh. Moskva, Gosgortekhizdat, 1962. 203 p.

ORESHNIKOVA, E. P. [How to search for mineral dyes] Kak iskat' kaolin i mineral'nye kraski. Izd. 2. Moskva, Gosgeoltekhizdat, 1962. (Bibliotechka iskatelia poleznykh iskopaemykh, 28)

ORGRES, trust, Moscow. [American thermal power plants with high and super-high steam parameters] Amerikanskie teplovye elektrostantsii vysokikh i sverkhvysokikh parametrov. Perevody statei pod obshchei red. L. [illegible]. Moskva, Gosenergoizdat, 1958. 93 p. (From za rubezhom)

OS'MAK, I. T. [Machines for harvesting and preparing green fodder] Mashiny dlia uborki i pigotovleniia zelenykh kormov. Moskva, Mashgiz, 1961. [illegible]

OZERNOI, M. I. [Electrical engineering in mines, electric equipment and electric power supply in the underground workings of coal mines] Gornaia elektrotekhnika; elektrooborudovanie i elektrosnabzhenie podzemnykh razrabotok ugol'nykh shakht. Pod red. [illegible]. Moskva, Gosgortekhizdat, 1962. 431 p.

PAN'KOVSKII, V. I. [Gas in industry and in the home] Gaz na proizvodstve i v bytu. [Tula] Tul'skoe knizhnoe izd-vo, 1959. 76 p.

PARKHOMENKO, V. M., and M. S. SHAFARENKO. [Engineering and economic calculations in data processing] Tekhniko-ekonomicheskie raschety pri obrabotke dannykh. Moskva, Goskomizdat, 1962. 148 p.

PATON, B. E., ed. [Technology of electric fusion welding] Tekhnologiia elektricheskoi svarki plavleniem. Moskva, Mashgiz, 1962. 603 p.

PAVLOV, V. V. [Semiconductor measuring and controlling devices for nuclear power engineering] Poluprovodnikovye izmeritel'nye i upravliaiushchie ustroistva dlia iadernoi energetiki. Moskva, Gosatomizdat, 1962. 200 p.

PAVLOVA, S. N., and others. [Petroleum in eastern regions of the U. S. S. R.] Nefti vostochnykh raionov SSSR; spravochnaia kniga. Pod red. S. F. Fail' i Z. V. Driatskoi. Moskva, Gostoptekhizdat, 1962. 607 p.

PEKTEMIROV, G. A. [Handbook for engineers on oil farms] Spravochnik inzhenera neftepromysla. Moskva, Gostoptekhizdat, 1962. 328 p.

PERERVA, V. M., comp. [German-Russian dictionary of motion picture and photographic technology] Nemetsko-russkii slovar' po kinofototekhnike i smezhnoi obshchei red. V. G. Petlia. Red. I. N. Aleksandr, V. V. Rakovskii. Moskva, Glav. red. fiziko-matem. i tekhn. slovarei Fizmatgiza, 1962. 583 p.

PETRENKO, D. S. [Production of pyridine bases in the coke by-product industry] Proizvodstvo pridinovykh osnovanii na koksokhimicheskikh zavodakh. Moskva, Metallurgizdat, 1961. 175 p.

PETROV, V. S., and S. A. TULIN, comps. [Russian-Czech polytechnical dictionary] Russko-cheshskii politekhnicheskii slovar'. Moskva, Glav. red. inostrannykh nauchno-tekhn. slovarei Fizmatgiza, 1962. 635 p.

PFLAUMER, O. E. [Principles and practice of ultrasonic testing of concrete] Osnovy i praktika ultrazvukovykh ispytanii betona. Moskva, Gosstroiizdat, 1962. 39 p.

PITERSKOV, N. I. [Safety regulations for timbermen and assembler of hoisting and conveying machinery] Posobie po tekhnike bezopasnosti dlia slesarei-takelazhnikov i pod"emno-transportnykh mashin. Moskva, Gosstroiizdat, 1962. 34 p. (Tekhnika bezopasnosti v stroitel'stve)

PIVOVAROV, F. V. [The integrated brigade in mining] Kompleksnaia brigada na stroitel'stve. [By F. Pivovarov] Khar'kovskoe knizhnoe izd-vo, 1962. (Udarniki kommunisticheskogo truda)

POKROVSKII, N. M. [Constructing and reconstructing mines] Sooruzhenie i rekonstruktsiia gornykh predpriiatii. Izd. 5. Moskva, Gosgortekhizdat, 1962.
Pt. 2. [Constructing vertical workings] Sooruzhenie vertikal'nykh vyrabotok. 1962. 331 p.

FOLIVANOV, K. M., and others. [Problems of theoretical principles of electrical engineering, theory of networks] Zadachnik po teoreticheskim osnovam elektrotekhniki, teoriia tsepei. [By] G. P. Andreev i dr. Moskva, Gosenergoizdat, 1962. 159 p.

POLONIK, V. S. [Applied television] Prikladnoe televidenie. Moskva, Gosenergoizdat, 1962. 156 p.

POLTEV, K. M., and M. K. POLTEV. [News of foreign traffic safety engineering] Novosti zarubezhnoi tekhniki po bezopasnosti dvizhenila avtotransporta. Moskva, Avtotransizdat, 1962. 95 p.

POLUIANOV, V. T. [Lathes] Tokarnye stanki. Moskva, Mashgiz, 1961. 35 p. (Nauchno-populiarnaia biblioteka rabochego-stanochnika, no 23)

POPOV, V. L. [Rock pressure and mine timbering] Gornoe davlenie i rudnichnaia krep'. Moskva, Gosgortekhizdat, 1962. 208 p.

POTOLOKOV, S. I. [Manufacture of tight and slack barrels] Proizvodstvo zalivnykh i sukhotarnykh bochek. Moskva, Pishchepromizdat, 1962. 357 p.

PRESNOV, V. A., IU. B. NOVODVORSKII, and M. P. IAKUBENIA. [Principles of the techniques and physics of bonding] Osnovy tekhniki i fiziki spaia. Pod red. V. A. Presnova. Tomsk, Izd-vo Tomskogo univ., 1961. 233 p.

[PROBLEMS OF RADIO ENGINEERING AND RADAR] Zadachnik po radiotekhnike i radiolokatsii. [By] S. M. Aksel'rod i dr. Moskva, Gosenergoizdat, 1962. 414 p.

PROFSOIUZ RABOCHIKH MASHINOSTROENIIA SSSR. [Instructions for a ladle liner on safety measures in the repair and preparation of ladles] Instruktsiia po tekhnike bezopasnosti dlia kovshevogo po remontu i podgotovke kovshei. [Moskva] Mashgiz, 1962. 10 p.

PROFSOIUZ RABOCHIKH MASHINOSTROENIIA SSSR [Safety and industrial sanitation regulations for making boilers and metal constructions] Pravila tekhniki bezopasnosti i proizvodstvennoi sanitarii pri proizvodstve kotel'nykh rabot i metallokonstruktsii. Utverzhdeny 29 avgusta 1961 goda. Moskva, Mashgiz, 1962. 26 p.

PROFSOIUZ RABOCHIKH STROITEL'STVA I PROMYSHLENNOSTI STROITEL'NYKH MATERIALOV. [Regulations on accident prevention and industrial hygiene in construction and assembly work] Sbornik pravil tekhniki bezopasnosti i proizvodstvennoi sanitarii pri proizvodstve stroitel'no-montazhnykh rabot. Moskva, Gosstroiizdat, 1961. 330 p.

PROKOF'EV, N. M., and SH. I. BUTIKASHVILI. [Quality and dimension control in woodwork] Kontrol' kachestva i razmerov v derevoobrabotke, stenogramma lektsii, prochitannaia v LDNTP dlia brakerov i kontrolerov OTK derevoobrabatyvaiushchikh predpriiatii. Leningrad, Leningr. dom nauchno-tekhn. propagandy, 1962. 60 p.

PUGACHEV, V. S. [Theory of random functions and its application to problems of automatic control] Teoriia sluchainykh funktsii i ee primenenie k zadacham avtomaticheskogo upravleniia. Izd. 3., ispr. Moskva, Fizmatgiz, 1962. 883 p.

RABOTNOV, IU. N. [Strength of materials] Soprotivlenie materialov. Moskva, Fizmatgiz, 1962. 456 p.

RADUNSKAIA, I. L. [When atoms are close-packed] Kogda atomam tesno. Moskva, Izd-vo "Znanie," 1962. 46 p. (Narodnyi universitet kul'tury Estestvennonauchnyi fakul'tet, no. 12)

RAIKHMAN, S. P. [Protective air-filled suits for workers engaged in tank cleaning] Zashchitnyi ventiliruemyi kostium dlia rabochikh, zaniatykh ochistkoi tsisiern. Moskva, Transzheldorizdat, 1962. 20 p.

RAIKOV, L. G. [Heating of aircraft in flight] Nagrev letatel'nykh apparatov v polete. Moskva, Voenizdat, 1962. 97 p. (Za voenno-tekhnicheskie znaniia)

RAZUVAEV, A. A., ed. [Manual on the industrial primary processing of flax] Spravochnik po zavodskoi pervichnoi obrabotke l'na. Izd. 2., perer. i dop. Moskva, Rostekhizdat, 1962. 755 p.

[REFRIGERATION ENGINEERING; an encyclopedic manual in three volumes] Kholodil'naia tekhnika; entsiklopedicheskii spravochnik v trekh knigakh. Glav. red. Sh. N. Kobulashvili i dr. [Leningrad] Gostorgizdat.
Vol. 3. [Design and operation of refrigerators. Refrigeration in commerce and the household] Proektirovanie i ekspluatatsiia kholodil'nikov. Kholod v torgovle i bytu. 1962. 488 p.

REGOTUN, A. F. [Improving technological processes] Sovershenstvuem tekhnologiiu. [Khar'kov] Khar'kovskoe knizhnoe izd-vo, 1962. 13 p. Udarniki kommunisticheskogo truda)

[REPAIR OF DIESEL LOCOMOTIVES] Remont teplovozov. [By] IA. A. Nonkin i dr. Moskva, Transzheldorizdat, 1962. 300 p.

[RESISTANCE WELDING] Kontaktnaia svarka. [By] F. A. Aksel'rod i dr. Moskva, Profizdat, 1962. 403 p.

REZNIKOV, G. B. [Aircraft antennas] Samoletnye antenny. Moskva, Sovetskoe radio, 1962. 455 p.

RIKHTER, L. A. [Draft and blast in thermal electric power plants] Tiaga i dut'e na teplovykh elektrostantsiiakh. Moskva, Gosenergoizdat, 1962. 199 p.

RIZKIN, A. A. [Transistor amplifiers] Poluprovodnikovye usiliteli. Izd. 2., perer. i dop. Moskva, Sviaz'izdat, 1962. 195 p.
[MICROFILM]

RODIONOV, G. V., and others. [Loading machines for loose and lump materials, design, theory, and calculations] Pogruzochnye mashiny dlia sypuchikh i kuskovykh materialov; konstruktsiia, teoriia i raschet. [By] K. S. Gurkov i dr. Moskva, Mashgiz, 1962. 286 p.

ROGUSHKIN, V. I., and M. A. TSENTSIPER. [Gas-cutting machine for finishing the butt ends of springs] Stanok dlia obrabotki tortsov pruzhin gazovoi rezkoi. Leningrad, 1962. 17 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy, Obmen peredovym opytom. Seriia: Mekhanicheskaia obrabotka metallov, no. 21)

ROMANOV, M. M. [Marvellous highway, an essay on the Crimean mountain trolley-bus line] Chudesnaia magistral', ocherk o krymskoi gornoi trollleibusnoi linii. Simferopol', Krymizdat, 1962. 110 p.

ROMANOVSKII, V. N., and V. N. SHERENKOV. [Secondary school production training of electricians, laboratory work] Proizvodstvennoe obuchenie elektrikov v srednei shkole, laboratorno-prakticheskie raboty. Moskva, Izd-vo APN RSFSR, 1962. 124 p. (Biblioteka politekhnicheskogo obucheniia)

ROZENBERG, L. D., and others. [Ultrasonic cutting] Ul'trazvukovoe rezanie. Moskva, Izd-vo Akad. nauk SSSR, 1962. 251 p.

ROZOVSKII, S. E., and V. G. NAZAROV. [Reduction of labor-consuming operations] Po puti snizheniia trudoemkosti. [Riazan'] Riazanskoe knizhnoe izd-vo, 1962] 24 p. (Bibliotechka ratsionalizatora)

RUBETS, D. A. [Fuel efficiency of motor vehicles] Toplivnaia ekonomichnost' avtomobilia. Moskva, Avtotransizdat, 1960. 55 p. (Nauchno-populiarnaia biblioteka avtomobilista)

RUSSIA (1917- R. S. F. S. R.) Amurskii ekonomicheskii administrativnyi raion. Zavodoupravlenie spirtovodochnykh predpriiatii. [Automatic equipment for liqueur and vodka distilleries] Avtomaticheskoe oborudovanie likero-vodochnykh zavodov; rukovodstvo po ekspluatatsii i naladke. Blagoveshchensk, Amurskoe knizhnoe izd-vo, 1960. 62 p.
[MICROFILM]

RUSSIA (1917- R. S. F. S. R.) Gosudarstvennyi komitet po nadzoru za bezopasnym vedeniem rabot v promyshlennosti i gornomu nadzoru. [Unified safety rules for mining metalliferous, nonmetallic, and placer deposits by the underground method] Edinye pravila bezopasnosti pri razrabotke rudnykh, nerudnykh i rossypnykh mestorozhdenii podzemnym sposobom. Moskva, Gosgortekhizdat, 1962. 253 p.

RUSSIA (1917- R. S. F. S. R.) Ministerstvo avtomobil'nogo transporta i shosseinykh dorog. [Handbook of unified rates for automotive transportation of freight] Spravochnik edinykh tarifov na perevozku gruzov avtomobil'nym transportom; edinye tarify, polozhenie primenenila edinykh tarifov, nomenklatura i klassifikatsiia gruzov, vremennye tarify na ekspeditsionnye operatsii i drugie uslugi, pravila primeneniia vremennykh tarifov na ekspeditsionnye operatsii i drugie uslugi. Izd. 2. Moskva, Avtotransizdat, 1962. 45 p.

RUSSIA (1917- R. S. F. S. R.) Ministerstvo avtomobil'nogo transporta i shosseinykh dorog. [Time and estimates norms for road work. Estimates are converted in accordance with the price scale introduced on 1-I-1961] Sbornik norm vremeni i rastsenok na dorozhnye raboty. Rastsenki pereschitany likhodia iz masshtaba tsen, vvedennogo s 1/I 1961 g. Moskva, Avtotransizdat.
Pt. 2. [Construction and repair of highway bridges and conduits] Stroitel'stvo i remont avtodorozhnykh mostov i trub. 1962. 463 p.

RUSSIA (1917- R. S. F. S. R.) Ministerstvo rechnogo flota. [Industrial safety in river transportation] Okhrana truda na rechnom transporte, sbornik rukovodiashchikh dokumentov. Moskva, Izd-vo "Rechnoi transport," 1962. 432 p.

RUSSIA (1923- U. S. S. R.) Glavnoe energeticheskoe upravlenie. [Regulations for operating electrical networks and power plants] Pravila tekhnicheskoi ekspluatatsii elektricheskikh stantsii i setei. Izd. 9. zanovo perer. Moskva, Gosenergoizdat, 1962. 198 p.

RUSSIA (1923- U. S. S. R.) Glavnoe energeticheskoe upravlenie. [Regulations for the installation of electrical systems. Chapter IV-3 Converter substations, chapter IV-4 Storage battery systems] Pravila ustroistva elektroustanovok, glava IV-3. Preobrazovatel'nye podstantsii; glava IV-4, Akkumuliatornye ustanovki. Moskva, Gosenergoizdat, 1961. 19 p.

RUSSIA (1923- U. S. S. R.) Glavnoe energeticheskoe upravlenie. [Regulations for the installation of electrical systems; Chapter V-1 Electrical machinery rooms, chapter V-2 Electric generators and synchronous compensators, chapter V-3 Electric motors and start regulating apparatus, chapter V-6: Condenser systems] Pravila ustroistva elektroustanovok; glava V-1. Elektromashinnye pomeshcheniia, glava V-2. Generatory i sinkhronnye kompensatory, Glava V-3, Elektrodvigateli i puskoreguliruiushchie apparaty, glava V-6. Kondensatornye ustanovki. Moskva, Gosenergoizdat, 1961. 38 p.

RUSSIA (1923- U. S. S. R.) Glavnoe upravlenie grazhdanskogo vozdushnogo flota. [Timetable of airflights; international lines] Raspisanie dvizhenila samoletov; mezhdunarodnye linii. [n. p. Parallel texts in Russian and English]
Vol. 1. [Summer 1962] Leto 1962 g. 1962. 45 p.
[PHOTOCOPY]

RUSSIA (1923- U. S. S. R.) Gosudarstvennaia komissiia po zapasam poleznykh iskopaemykh. [Instructions on classifying exploited reserves of underground waters] Instruktsiia po primeneniiu klassifikatsii ekspluatatsionnykh zapasov podzemnykh vod. Moskva, Gosgeoltekhizdat, 1962. 84 p.

RUSSIA (1923- U. S. S. R.) Gosudarstvennyi komitet po delam stroitel'stva. [Collection No. 25 of standardized regional unit rates for refractory bricklaying for industrial furnaces and stacks. Price-list average, regional estimate prices for refractory materials and products. Approved and put into effect as of January 1, 1962] Sbornik No. 25 edinykh raionnykh edinichnykh rastsenok na ogneupornuiu kladku promyshlennykh pechei i trub. TSennik srednikh raionnykh smetnykh tsen na ogneupornye materialy i izdeliia. Utverzhden... i vveden v deistvie s 1 ianvaria 1962 g. Moskva, Metallurgizdat, 1962. 287 p.

RUSSIA (1923- U. S. S. R.) Gosudarstvennyi komitet po delam stroitel'stva. [Construction specifications and regulations] Stroitel'nye normy i pravila. Moskva, Gosstroiizdat.
Pt. 2, Sec. B, ch. 1. [Foundations of buildings and structures; design specifications (SNiP II-B, 1-62)] Osnovaniia zdanii i sooruzhenii normy proektirovaniia (SNiP II-B, 1-62). 1962, 20 p.

RUSSIA (1923- U. S. S. R.) Gosudarstvennyi komitet po delam stroitel'stva. [General regulations SN 210-62 relating to the instructions on engineering surveys for basic types of construction] Obshchie polozhenila k instruktsiiam po inzhenernym izyskaniiam dlia osnovnykh vidov stroitel'stva (SN 210-62). Moskva, Gosstroiizdat, 1962. 8 p.

RUSSIA (1923- U. S. S. R.) Gosudarstvennyi komitet po delam stroitel'stva. [Instructions SN 211-62 for engineering surveys for city and village construction] Instruktsiia po inzhenernym izyskaniiam dlia gorodskogo i poselkovogo stroitel'stva (SN 211-62). Moskva, Gosstroiizdat, 1962. 119 p.

RUSSIA (1923- U.S.S.R.) Gosudarstvennyi komitet po delam stroitel'stva. [Instructions SN 212-62 for topographic and geodetic work for city, village, and industrial construction] Instruktsiia po topografo-geodezicheskim rabotam dlia gorodskogo, poselkovogo i promyshlennogo stroitel'stva (SN 212-62). Moskva, Gosstroiizdat, 1962. 99 p.

RUSSIA (1923- U.S.S.R.) Gosudarstvennyi komitet po delam stroitel'stva. [Standard norms and estimates for construction, assembly, repair and construction work] Edinye normy i rastsenki na stroitel'nye, montazhnye i remontno-stroitel'nye raboty. Moskva, Gosstroiizdat.
Sbornik 35. [Assembly and disassembly of construction equipment] Montazh i demontazh stroitel'nykh mashin. 1962. 46 p.

RUSSIA (1923- U.S.S.R.) Gosudarstvennyi komitet po khimii. [Regulations for the use, storage and selection of automobile tires for reconditioning] Pravila eksploatatsii, khraneniia i otbora avtomobil'nykh shin dlia vosstanovleniia. Moskva, Goskhimizdat, 1962. 35 p.

RUSSIA (1923- U.S.S.R.) Gosudarstvennyi komitet po koordinatsii nauchno-issledovatel'skikh rabot. [Continuous distillation of glycerol] Nepreryvnaia distilliatsiia glitserina. Moskva, TSINTIpishcheprom, 1962. 30 p. (Tekhnicheskaia informatsiia)

RUSSIA (1923- U.S.S.R.) Gosudarstvennyi komitet po voprosam truda i zarabotnoi platy. [Presently manufactured Soviet equipment for industrial initial counting and information transmission] Sredstva pervichnogo scheta i peredachi informatsii v proizvodstve vypuskaemye promyshlennostiiu SSSR, obzor. Moskva, 1961. 147 p.

RUSSIA (1923- U.S.S.R.) Komitet po delam izobretenii i otkrytii. [Inventions, light industry] Sbornik izobretenii, legkaia promyshlennosti'. Moskva, TSentr. biuro tekhn. informatsii 1962. 286 p. (Sborniki otechestvennykh izobretenii)

RUSSIA (1923- U.S.S.R.) Komitet po delam izobretenii i otkrytii. [Inventions, manufacture of instruments and automatic control devices] Sbornik izobretenii, priborostroenie i sredstva avtomatizatsii. Moskva, TSentr. biuro tekhn. informatsii, 1961. 286 p. (Sborniki otechestvennykh izobretenii)

RUSSIA (1923- U.S.S.R.) Komitet po delam izobretenii i otkrytii. [Inventions, motion pictures, photography, optics] Sbornik izobretenii, kino, foto, optika. Moskva, TSentr. biuro tekhn. informatsii, 1962. 145 p. (Sborniki otechestvennykh izobretenii)

RUSSIA (1923- U.S.S.R.) Komitet standartov, mer i izmeritel'nykh priborov. [Accumulators, cells and batteries] Akkumuliatory, elementy i batarei. Izd. ofitsial'noe. Moskva, Standartgiz, 1962. 221 p. (SSSR. Gosudarstvennye standarty)
[MICROFILM]

RUSSIA (1923- U.S.S.R.) Ministerstvo geologii i okhrany nedr. [Instructions for seismic prospecting] Instruktsiia po seismorazvedke. Moskva, Gosgeoltekhizdat, 1962. 95 p.

RUSSIA (1923- U.S.S.R.) Ministerstvo putei soobshcheniia. [Safety regulations for railroad workers on electrified lines] Pravila bezopasnosti dlia rabotnikov zheleznodorozhnogo transporta na elektrifitsirovannykh liniiakh. Moskva, Transzheldorizdat, 1962. 24 p.

vo transportnogo
nebykh zavedenii,
line of principles
ses for mine
truction for mine
novy geodezii i
...sel'skogo dela" dlia kursov gornykh masterov v tekhnicheskikh shkolakh transportnogo stroitel'stva. Moskva, 1960. 139 p.

RUSSIA (1923- U.S.S.R.) Upravlenie glavnogo revizora po bezopasnosti dvizheniia. [Materials on traffic safety] Sbornik materialov po bezopasnosti dvizheniia; vyderzhki iz prikazov i ukazanii Ministerstva putei soobshcheniia po bezopasnosti dvizheniia. Po sostoianiiu na 1 iiulia 1962 g. Moskva, Transzheldorizdat, 1962. 194 p.

SABININ, A.A., I.P. PLEKHANOV, and V.A. CHERNIAIKIN. [Manual for motor-vehicle drivers of the second grade] Uchebnik shofera vtorogo klassa. Izd. 3., ispr. i dop. [Krasnoiarsk] Krasnoiarskoe knizhnoe izd-vo, 1962. 440 p.

[SAFETY MEASURES IN THE MANUFACTURE OF ETHYLATED GASOLINE] Tekhnika bezopasnosti pri rabote s etilirovannym benzinom. [Moskva, Izd-vo M-va sel'. khoz. RSFSR, 1961. 13 p. (Pamiatka rabotnika sel'skogo khoziaistva)

SALIKOV, A.P. [Foreign gas-turbine installations using liquid fuel] Zarubezhnye gazoturbinnye ustanovki na zhidkom toplive. Moskva, Vses. in-t nauchn. i tekhn. informatsii, 1960. 138 p.
[MICROFILM]

SAL'NIKOV, I.S., and N.M. LOMONOSOV. [Organization of the management of electrified railroads] Organizatsiia khoziaistva elektrifitsirovannykh zheleznykh dorog. Moskva, Transzheldorizdat, 1962. 349 p.

SALUKVADZE, V.S. [Construction of main pipelines] Sooruzhenie magistral'nykh truboprovodov. Moskva, Gosstroiizdat, 1962. 246 p.

SAMARIN, A.M., ed. [Vacuum metallurgy] Vakuumnaia metallurgiia. Moskva, Metallurgizdat, 1962. 515 p.

SAMOKHIN, F.L., A.M. LEVIKOV, and A.M. MAVRITSYN. [Electrical engineering in mining] Gornaia elektrotekhnika. Moskva, Gosgortekhizdat, 1962. 370 p.

SAMOKHVALOV, M.M. [Germanium alloy diffusion transistors] Germanievye splavnye diffuzionnye triody. Moskva, Gosenergoizdat, 1962. 143 p.

SAPOZHNIKOV, M.IA. [Mechanical equipment for the production of building materials and products] Mekhanicheskoe oborudovanie dlia proizvodstva stroitel'nykh materialov i izdelii. Moskva, Mashgiz, 1962. 520 p.

SARIN, M.I., and M.I. STUL'PINAS. [The PR80-2 automatic perforator-reproducing machine] Reproduktor PR80-2 avtomaticheskii perforator-reproduktsionnyi, konstruktsiia i eksploatatsionnye svoistva. Pod red. V.N. Riazankina. Moskva, Gosstatizdat, 1962. 92 p.

SAVITSKII, E.M., and others. [Rare-earth metal alloys] Splavy redkozemel'nykh metallov. Moskva, Izd-vo Akad. nauk SSSR, 1962. 266 p.

SAVOS'KIN, A.N. [Spring suspensions of electric locomotives] Ressornoe podveshivanie elektrovozov. Moskva, Transzheldorizdat, 1962. 53 p. (Biblioteka mashinista elektrovoza)

SEMIACHKIN, S.E., and G.V. FILARETOV. [Resistance welding of metals and plastics] Kontaktnaia svarka metalla i plastmass. [Moskva] Mosk. rabochii, 1962. 162 p.

SHABURNIKOV, V.N. [Construction of apartment houses from large three-dimensional elements] Krupnoob"emnoe domostroenie; iz opyta proektirovaniia i stroitel'stva v SSSR. [Cheliabinsk] Cheliabinskoe knizhnoe izd-vo, 1961. 158 p.

SHAITAN, V.S. [Design for strengthening the earth slopes of reservoirs] Proektirovanie kreplenii zemlianykh otkosov na vodokhranilishchakh. Moskva, Gosstroiizdat, 1962. 214 p.

SHANIDZE, N.K. [Electric locomotive builders of Tiflis. Tbilisskie elektrovozostroiteli. Tbilisi, Gos. izd-vo "Sabchota Sakartvelo"] 1961. 50 p. [In Georgian]

SHASHKIN, A.S. [Structural analysis of the elements of metal-cutting machine tools] Strukturnyi analiz elementov metallorezhushchikh stankov. Moskva, Mashgiz, 1962. 262 p.

SHCHEDRIN, V.M. [Theory of blast-furnace operation under pressure] Teoriia domennoi plavki pod davleniem. Moskva, Metallurgizdat, 1962. 454 p.

SHCHEGOLEV, G.S. [The largest hydroelectric power station in the world] Samaia moshchnaia v mire. Moskva, Izd-vo "Znanie," 1962. 15 p. (Novoe v zhizni, nauke, tekhnike. IV Seriia: Tekhnika, no. 20)

SHENGELIIA, I.D., Z.A. CHITAISHVILI, and G.A. NINUA. [Problems of transportation, power supply, and scheduling in construction] [Voprosy transporta, energosnabzhenila i kalendarskogo planirovaniia na stroitel'stve. Tbilisi, Gos. izd-vo "Sabchota Sakartvelo, 1961] 230 p. [in Georgian]

SHEVELEV, F.A. [Tables for hydraulic calculations for steel, cast-iron and asbestos-cement water pipes] Tablitsy dlia gidravlicheskogo rascheta stal'nykh, chugunnykh i asbestotsementnykh vodoprovodnykh trub. Izd. 3. Moskva, Gosstroiizdat, 1962. 140 p. (Vodosnabzhenie)

SHIFRIN, D.V. [How to search for iron ores] Kak iskat' zheleznye rudy. Izd. 2. Moskva, Gosgeoltekhizdat, 1962. 25 p. (Biblioteka iskatelia poleznykh iskopaemykh)

SHISHKIN, N.P. [High-speed system for protecting mine networks from short-circuits to ground] Bystrodeistvuiushchaia zashchita shakhtnykh setei ot zamykanii na zemliu. Moskva, Gosgortekhizdat, 1960. 53 p.

SHLIAPOBERSKII, V.I. [Elements of discrete communication systems] Elementy diskretnykh sistem sviazi. Moskva, Voenizdat, 1962. 235 p.

SHUL'MAN, M.S. [Authors' abstracts of completed research] Avtoreferaty vypolnennykh issledovanii. Moskva, TSentr. nauchno-issl. in-t spirtovoi i likerno-vodochnoi promysh. pri VSNKh, 1962. 32 p.

SHUL'TS, P.I. [Specialization and concentration of the manufacture of metal cutting tools in the machinery industry of the Latvian S.S.R.] Spetsializatsiia i kontsentratsiia proizvodstva instrumentov v mashinostroenii Latviiskoi SSR. Riga, Izd-vo Akad. nauk Latviiskoi SSR, 1958. 118 p.

SIDEL'KOVSKII, L.N., and A.P. SHURYGIN. [Industrial cyclone systems] Tsiklonnye energotekhnologicheskie ustanovki. Pod obshchei red. L.N. Sidel'nikovskogo. Moskva, Gosenergoizdat, 1962. 70 p.

SIDOROV, IU.P., and V.A. KOKOREV. [The P-105 pneumatic and G-105B hydraulic looms] Pnevmaticheskie P-105 i gidravlicheskie G-105B tkatskie stanki. Moskva, Rostekhizdat, 1962. 86 p.

SIDOROV, M.D. [Handbook on air and gas blowing machines] Spravochnik po vozdukhoduvnym i gazoduvnym mashinam. Moskva, Mashgiz, 1962. 257 p.

SIUN'I, G.K. [Asphalt concrete for roads] Dorozhnyi asfal'tovyi beton. Kiev, Gosstroiizdat, 1962. 233 p.

SKOBTSOV, E.A., A.D. IZOTOV, and L.V. TUZOV. [Methods for reducing the vibration and noise of diesel engines] Metody snizheniia vibratsii i shuma dizelei. Moskva, Mashgiz, 1962. 191 p.

SMEKHOV, A.A. [Automation in warehouses] Avtomatizatsiia na skladakh. Moskva, Mashgiz, 1962. 267 p.

SMYKOV, E.K. [Examples of calculations for the laying and straightening of switches on curves] Primery raschetov ukladki i vypravki strelochnykh perevodov v krivykh. Gomel', Belorusskii in-t inzhenerov zheldor. transporta, 1962. 39 p.
[MICROFILM]

SOBOLEVSKII, A.G. [Wires, cords, and cables] Provoda, shnury, kabeli. Moskva, Gosenergoizdat, 1962. 47 p. (Massovaia radiobiblioteka. Spravochnaia serila, no. 448)

SOKOLOV, N.T. [Service station] Stantsiia tekhnicheskogo obsluzhivaniia. [Moskva] Mosk. rabochii, 1962. 23 p. (Ikh opyt dostupen vsem)

SOKOLOV, V.G. [Curves of beneficiation properties of coals] Krivye obogatimosti uglei. Moskva, Gosgortekhizdat, 1962. 88 p.

SOLDATOV, K.N. [Pumps for pipelines for petroleum products; design, installation, and exploitation] Nasosy magistral'nykh nefteprodukteprovodov; konstruktsiia, montazh, ekspluatatsiia. Moskva, Gostoptekhizdat, 1962. 155 p.

SOLOMKO, V.S. [Woodpulp and paper industry in Finland] TSellyulozno-bumazhnaia promyshlennost' Finliandii. Moskva, Goslesbumizdat, 1962. 538 p.

SOVESHCHANIE PO MEKHANIZIROVANNOMU UPLOTNENIIU GRUNTOV. 2d, 1960. [Mechanized soil stabilization in construction] Mekhanizirovannoe uplotnenie gruntov v stroitel'stve, materialy soveshchaniia. Moskva, Gosstroiizdat, 1962. 113 p.

SOVESHCHANIE PO METODAM ISPYTANIIA NA IZNASHIVANIE, Moscow, 1960. [Methods for wear testing] Metody ispytaniia na iznashivanie; trudy. Moskva, Izd-vo Akad. nauk SSSR, 1962. 237 p.
[MICROFILM]

SOVESHCHANIE PO POVERKHNOSTNYM SVOISTVAM POLUPROVODNIKOV, Moscow, 1961. [Surface characteristics of semiconductors] Poverkhnostnye svoistva poluprovodnikov. Moskva, Izd-vo Akad. nauk SSSR, 1962. 231 p.

SOVESHCHANIE PO TEORETICHESKOI I PRIKLADNOI MAGNITNOI GIDRODINAMIKE. 2d, Riga, 1960. [Problems of magnetohydrodynamics and plasma dynamics; reports] Voprosy magnitnoi gidrodinamiki i dinamiki plazmy; doklady. Riga, Izd-vo Akad. nauk Latviiskoi SSR.
Vol. 2. 1962. 660 p.

STENDER, G. M., comp. [German-Russian dictionary on cement, concrete and reinforced concrete] Nemetsko-russkii slovar' po tsementu, betonu i zhelezobetonu. Moskva, Gosstroiizdat, 1962. 377 p.

STOPSKII, S. B. [Analyzers of the spectra of sonic and subsonic frequencies for acoustic spectrometry] Analizatory spektra zvukovykh i infrazvukovykh chastot dlia akusticheskoi spektrometrii. Moskva, Gosenergoizdat, 1962. 134 p.

[STRUGGLING FOR A SECURE TRACK] V bor'be za zdorovyi put'. Moskva, Transzheldorizdat, 1962. 70 p. (Zheleznodorozhniki - peredoviki sotsialisticheskogo sorevnovaniia)

SULTANOV, S. A., and V. A. KHAR'KOV. [Controlling the movement of water-oil contacts and oil-bearing contours] Kontrol' za prodvizheniem vodo-neftianogo kontakta i konturov neftenosnosti. Pod red. V. N. Dakhnova. Moskva, Gostoptekhizdat, 1962. 166 p.

SUPRUN, IU. M. [Preparation of large sizes of coal] Obogashchenie krupnykh klassov uglei. Moskva, Gosgortekhizdat, 1962. 117 p.

SUSHKOV, IU. N. [Engines of spaceships] Dvigateli kosmicheskikh korablei. Moskva, Voenizdat, 1962. 171 p. (Nauchno-populiarnaia biblioteka voennogo izdatel'stva)

SVENTSITSKII, G. V. [Wooden structural elements, present state and prospects for development] Dereviannye konstruktsii, sostoianie i perspektivy razvitiia. Moskva, Gosstroiizdat, 1962. 114 p.

TALETAVICIUS, VLADAS, and RICARDAS ZOLYNAS. [Sand concrete, a building material of the future] Smelio betonai - progresyvi statybine medziaga. [Vilnius] Valstybine politines ir mokslines literaturos leidykla, 1962. 24 p. [In Lithuanian]

TAVADZE, F. N., and S. N. MANDZHGALADZE. [Corrosion and the protection of metals in mineral waters of Georgia] Korroziia i zashchita metallov v mineral'nykh vodakh Gruzii. Tbilisi, Izd-vo Akad. nauk Gruzinskoi SSR.
Pt. 2. 1962. 270 p.

[TECHNICAL METHODS AND EQUIPMENT FOR DRILLING DEEP WELLS] Tekhnika i tekhnologiia burenila glubokikh skvazhin; materialy respublikanskogo soveshchaniia v g. Kuibyshev. Moskva, Gostoptekhizdat, 1962. 276 p.

TELEGIN, M. D. [Near the finish of the seven-year plan] U finisha semiletki. [Riazan'] Riazanskoe knizhnoe izd-vo, 1962. 15 p.

TER-AZAREV, I. O., and K. S. VARDANIAN. [Mechanized quarrying of rock. Mekhanizirovannaia dobycha kamnia. Erevan, Armianskoe gos. izd-vo] 1962. 65 p. [In Armenian]

TEVOSIAN, V. T., B. M. MASHKOV, and F. I. DIRIUKOV., comps. [Manual on the quality of grain and grain products] Spravochnik po kachestvu zerna i produktov ego pererabotki. Moskva, Zagotizdat, 1962. 455 p.

TIKHODEEV, P. M. [Measurement of light in lighting engineering, photometry] Svetovye izmerenila v svetotekhnike; fotometriia. Izd. 2., perer. Moskva, Gosenergoizdat, 1962. 463 p.
[MICROFILM]

TIKHOMIROV, V. A. [Spatial-rhombic suspension of a contact network] Prostranstvenno-rombicheskaia kontaktnaia podveska. Moskva, Transzheldorizdat, 1962. 105 p.

TIKHONOV, K. K. [Technical and economic calculations in the operation of railroads] Tekhniko-ekonomicheskie raschety v ekspluatatsii zheleznykh dorog. Moskva, Transzheldorizdat, 1962. 251 p.

[TIMETABLE FOR PASSENGER TRAINS, winter 1962-1963] Raspisanie dvizhenila passazhirskikh poezdov (kratkoe); zima 1962/63 goda. Moskva, Transzheldorizdat, 1962. 255 p.

[TIMETABLES OF SUBURBAN TRAINS; Moscow - Balashikha - Noginsk - Petushki, Moscow Railroad, Winter 1962/63] Raspisanie dvizhenila prigorodnykh poezdov; Moskva - Balashikha - Noginsk - Petushki, Moskovskoi zh. d. Zima 1962/63 g. [Moskva] Transzheldorizdat, [1962] 54 p.

TIUPKO, V. A. [Over-all mechanization in cotton growing] Kompleksnaia mekhanizatsiia v khlopkovodstve. Moskva, Sel'khozizdat, 1962. 46 p.
(DNAL)

TKACHENKO, S. D., V. I. KURCHATOV, and N. M. KOLOTUSHKIN. [Automatic machine for drilling piston pins] Avtomat dlia sverlenila porshnevykh pal'tsev. [Cheliabinsk] Cheliabinskoe knizhnoe izd-vo, 1961. 12 p.

TKALIN, I. M., and V. L. SHTRUM. [Automation and mechanization in the manufacture of electrical instruments] Mekhanizatsiia i avtomatizatsiia v elektropriborostroenii. Moskva, Gosenergoizdat, 1962. 331 p.

TOGONIDZE, V. R., and D. E. KVACHADZE. [Soil science and soil mechanics, practical handbook for laboratory work. Gruntovedenie i mekhanika gruntov, prakticheskoe rukovodstvo laborabornykh rabot. Tbilisi, Izd-vo Gruzinskogo politekhn. in-ta im. V. I. Lenina] 1961. 243 p. [In Georgian]

TOPCHII, D. N. [Agricultural buildings and structures] Sel'skokhoziaistvennye zdanila i sooruzhenila. Izd. 2., perer. i dop. Moskva, Gosstroiizdat, 1962. 398 p.

TOVPENETS, E. S. [Heat treatment of rolled products and forgings] Termicheskaia obrabotka prokata i pokovok. Kiev, Gostekhizdat USSR, 1962. 155 p.

TRET'IAKOV, V. M., and I. I. KLEIMENOVA. [Automatic device for collecting average samples of fuel gas] Avtomaticheskii sbornik srednikh prob goriuchego gaza. Moskva, Gosenergoizdat, 1960. 45 p.
[MICROFILM]

TROFIMOV, K. [Interference to radar stations] Pomekhi radiolokatsionnym stantsiiam. Moskva, Izd-vo DOSAAF, 1962. 74 p.

TSENTRAL'NAIA NAUCHNO-TEKHNICHESKAIA BIBLIOTEKA LEGKOI PROMYSHLENNOSTI. [Reducing the breakage in spinning and weaving; an index of Soviet and foreign literature received by the Central Scientific and Technical Library of Light Industry from 1957 to December 1961] Snizhenie obryvnosti v priadenii i tkachestve; spisok otechestvennoi i inostrannoi literatury, postupivshei v biblioteku s 1957 po dekabr' 1961 gg. Moskva, 1962. 43 p.
[MICROFILM]

TSYDASOV, V. P., and V. F. PETROVICH. [Plastics, their production, properties, and uses] Plasticheskie massy, ikh poluchenie, svoistva i primenenie; uchebnoe posobie. Leningrad, Leningr. mekh. in-t, 1961. 110 p.

UKRAINE. Gosudarstvennaia planovaia komissiia. [Index of technical specifications for the Ukrainian S. S. R. as of January 1, 1961] Ukazatel' respublikanskikh tekhnicheskikh uslovii USSR; po sostoianiiu na 1 lanvaria 1961 goda. Izd. ifitsial'noe. Kiev, Otdel novoi tekhniki nauchno-issl. i proektnykh organizatsii. Podotdel standartov, 1961. 74 p.
[MICROFILM]

URMAKHER, L. S. [Optics of photographic and aerial photogrammetric instruments] Optika fotograficheskikh i aerofotogrammetricheskikh priborov. [n. p.] Izd-vo geodez. lit-ry, 1962. 215 p.

UZHOV, V. N. [Sanitary protection of the atmosphere, the purification of industrial waste gases of harmful vaporous and gaseous admixtures] Sanitarnaia okhrana atmosfernogo vozdukha; ochistka vybrosnykh promyshlennykh gazov ot vrednykh parooobraznykh i gazoobraznykh primesei. Moskva, Medgiz.
Pt. 1. 1962. 121 p.
[MICROFILM]

VAINER, IA. V., and M. A. DASOIAN. [Technology of electrochemical coatings] Tekhnologiia elektrokhimicheskikh pokrytii. Moskva, Mashgiz, 1962. 468 p.

VAINSHTEIN, D. M. [Installation of regulatory and automatic control devices] Montazh priborov kontrolia i avtomaticheskogo regulirovanila; spravochnik. Moskva, Mashgiz, 1962. 302 p.

VAIS, K. L. [Problems in applying microreproduction to scientific and technological information] Nekotorye voprosy primeneniia mikrofotokopirovaniia v nauchno-tekhnicheskoi informatsii. Leningrad, 1962. 14 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Serila: Metodika postanovki nauchno-tekhnicheskoi informatsii i propagandy)

VAKULOV, N. F. [Diesel and electric crane operator's manual] Posobie kranovshchiku dizel'nogo i elektricheskogo krana. Moskva, Izd-vo 'Rechnoi transport,' 1961. 202 p.

VARENTSOV, V. S., and A. V. LAZAREV. [Technology of the production of milled peat] Tekhnologiia proizvodstva frezernogo torfa. Moskva, Gosenergoizdat, 1962. 335 p.

VASIL'EV, M. V., B. V. FADEEV, and V. S. KHOKHRIAKOV. [Incline hoists in open-cut mining] Naklonnye pod"emniki na kar'erakh. Moskva, Gosgortekhizdat, 1962. 150 p.

VASILISKOV, I. A., and others. [Study of the winter condition of rivers in water power surveying] Izuchenie zimnego rezhima rek pri gidroenergicheskikh izyskaniiakh. Moskva, Gosenergoizdat, 1962. 199 p. 19
[MICROFILM]

VAVILOVA, A. S., and I. S. ZHEVELEVA. [Electronic computers in foreign countries] Elektronnye vychislitel'nye mashiny za rubezhom. Pod red. D. A. Zhuchkova. Moskva, Mashgiz, 1962. 235 p.

VEPKHVADZE, M. M. [Photographic theory. Teoriia fotograficheskikh protsessov. Tbilisi, Izd-vo Gruzinskogo politekhn. in-ta im. V. I. Lenina] 1962. 229 p. [In Georgian]

VERNIKOV, S. M. [Rails go to the taiga] Rel'sy ukhodiat v taigu. [Tiumen'] Tiumenskoe knizhnoe izd-vo, 1961. 42 p.

VIAZEL'SHCHIKOV, V. P., and Z. N. PARITSKII. [Handbook on the treatment of gold-bearing ores and placers] Spravochnik po obrabotke zolotosoderzhashchikh rud i rossypei. Pod red. M. D. Ivanovskogo. Moskva, Metallurgizdat, 1963. 650 p.

VINOKUROV, E. F. [Structural properties of moralnic soil] Stroitel'nye svoistva morennykh gruntov. Minsk, Izd-vo AN BSSR, 1962. 122 p.

VIRGINSKII, V. S. [Creators of new equipment in Russia during the serfdom period, biographies of outstanding Russian inventors of the 18th and the first half of the 19th century] Tvortsy novoi tekhniki v krepostnoi Rossii, ocherki zhizni i deiatel'nosti vydaiushchikhsia russkikh izobretatelei XVIII - per. pol. XIX veka. Izd. 2. Moskva, Uchpedgiz, 1962. 405 p.

VLADIMIRSKII TRAKTORNYI ZAVOD, Vladimir. [Catalog of parts of the "Vladimirets" T23, T28M2, T28P2, T28Kh, and T28Kh2 universal row crop tractors] Katalog detalei universal'nykh propashnykh traktorov "Vladimirets" T23, T28M2, T28P2, T28Kh. Moskva, Mashgiz, 1962. 307 p.

VOL'FSON, F. I., and L. I. LUKIN. [What are ore deposits, where and how to search for them] Chto takoe rudnye mestorozhdeniia, gde i kak ikh iskat'. Izd. 3., perer. Moskva, Gosgeoltekhizdat, 1962. 77 p. (Bibliotechka iskatelia poleznykh iskopaemykh)

VOLOSATOV, V. E. [They are building a [illegible]ture] Oni stroiat zavirashnii den'. [Riazan'] Riazanskoe knizhnoe izd-vo, 1960. 31 p.

VOLOTSKOI, N. V. [Fluorescent lamps and diagrams for connecting them to the electrical network] Liuminestsentnye lampy i skhemy ikh vkliuchenila v set'. Moskva, Gosenergoizdat, 1962. 43 p. (Biblioteka elektromontera, no. 68)
[MICROFILM]

[VOLUNTARY FIRE CONTROL SOCIETIES] Dobrovol'nye pozharnye obshchestva, iz opyta raboty. Moskva, Izd-vo M-va sel'. khoz. RSFSR, 1962. 43 p.

VSESOIUZNAIA KONFERENTSIIA PO TEORII PLASTIN I OBOLOCHEK. 2d, Lvov, 1961. [Proceedings of the Second All-Union Conference on the Theory of Plates and Shells] Trudy. Kiev, Izd-vo Akad. nauk USSR, 1962. 581 p.
[MICROFILM]

VSESOIUZNOE SOVESHCHANIE PO FIZICHESKOI KHIMII RASPLAVLENNYKH SOLEI I SHLAKOV. [Abstracts of reports of the All-Union Conference of the Physical Chemistry of Fused Salts and Slags] Tezisy dokladov. Sverdlovsk, Akad. nauk SSSR, 1960. 70 p.
[MICROFILM]

VSESOIUZNYI INSTITUT PO PROEKTIROVANIIU ORGANIZATSII ENERGETICHESKOGO STROITEL'STVA "ORGENERGOSTROI" [Quality control of concrete work in construction of the arch dam of the Ladzhanuri Hydroelectric Power Station] Kontrol' kachestva betonnykh rabot pri sooruzhenii arochnoi plotiny Ladzhanurskoi GES. Moskva, Orgenergostroi, 1962. 52 p.

ZAITSEV, N. V. [Technical equipment for bakeries] Tekhnologicheskoe oborudovanie khlebozavodov. Izd. 2., perer. i dop. Moskva, Pishcheprominizdat, 1961. 554 p.

ZAKHARIAN, R O [Probability calculations in the selection of fits for mated machine parts] Veroiatnostnye raschety pri vybore posadok v sopriazhenifikh mashin Erevan, Aipetrat, 1962 58 p

ZAKRZHEVSKII, E.R. [Reconditioning and using dug wells] Restavratsiia i ekspluatatsiia shakhtnykh kolodtsev. Minsk, Gos. izd-vo sel'khoz lit-ry BSSR, 1962. 36 p

ZAMBROVS'KYI, V A [Disk filters in the sugar industry] Dyskovi fil'try v tsukrovii promyslovosti. Kyiv, Derzhtekhvydav URSR, 1962. 88 p.

ZAROSHCHINSKII, M L [Technological principles of rolling-mill design] Tekhnologicheskie osnovy proektirovaniia prokatnykh stanov Moskva, Metallurgizdat, 1962 443 p

ZEINALOV, M. M., and A. M. ZEINALOV [Shirvan oil] Shirvan nefti. Baky, Azerbaichan dovlet neshrilliaty, 1961 81 p. [In Azerbaijani]

ZEINALOV, S. M. [How we organized production training] Istehsalat te'limini neche teshkil etmishik. Baky, Azertedrisneshr, 1962. 71 p. [In Azerbaijani]

ZELIKMAN, I F , and F. A DEMCHINSKII [Manufacture of refined pressed sugar] Proizvodstvo pressovannogo sakhara-rafinada 2 , perer i dop. izd Moskva, Pishchepromizdat, 1962. 367 p.

ZEMEROV, N. I. [Development of telecommunications in Chelyabinsk Province in the seven year plan] Razvitie sviazi Cheliabinskoi oblasti v semiletke. [Cheliabinsk] Cheliabinskoe knizhnoe izd-vo, 1960. 21 p (Besedy o semiletnem plane)

ZHDELEV, M. A., and others. [Secondary school production training in mechanical engineering] Proizvodstvennoe obuchenie v srednei shkole po mashinostroitel'nym professiiam; metodicheskoe posobie dlia prepodavatelei i instruktorov proizvodstvennogo obucheniia. Pod red. M. A. Zhdeleva. Moskva, Izd-vo APN RSFSR, 1962. 141 p.

ZHURAVLEVA, E. I., and others. [Technology of confectionery] Tekhnologiia konditerskogo proizvodstva. Pod obshchei red. E. I. Zhuravlevoi. Moskva, Pishchepromizdat, 1962. 442 p.

17. MILITARY & NAVAL SCIENCES

DORMIDONTOV, N K , and others [Design and arrangement of ships for inland navigation] Konstruktsiia i oshvartovka sudov vnutrennego plavaniia. Pod obshchei red N K Dormidontova Leningrad, Izd-vo "Rechnoi transport,"
Pt 2 [Metal ships] Metallicheskie suda 1962. 271 p

GORKI INSTITUT INZHENEROV VODNOGO TRANSPORTA Fakul'tet zaochnogo obucheniia [Electrical equipment of ships, manual for students of mechanical and shipbuilding professions] Elektricheskoe oborudovanie sudov, uchebnoe posobie dlia studentov mekhanicheskoi i sudostroitel'noi spetsial'nostei Gor'kii
No 1. [Mechanical characteristics, regulation of the angular velocity and electrical braking of three-phase a c. and d c motors] Elektrodvigateli postoiannogo i peremennogo tekhfaznogo toka, ikh mekhanicheskie kharakteristiki, regulirovanie skorosti vrashchenila i elektricheskoe tormozhenie, 1962 75 p [MICROFILM]

GRIGOR'EV, S. N. [Beaconage and the principles of navigation] Sudokhodnaia obstanovka i osnovy sudovozhdenila. Moskva, Izd-vo "Rechnoi transport," 1962. 245 p.

GUREVICH, L. S., and S. P. NOSOV. [Army Commander Aleksandr Stepin'] Komandarm Aleksandr Stepin'. Moskva, Gospolitizdat, 1962. 52 p. (Geroi i podvigi)

KHANDOV, Z. A [Marine internal combustion engines, theory] Sudovye dvigateli vnutrennego sgoraniia (teoriia). Leningrad, Izd-vo "Rechnoi transport," 1962 452 p.

KONSTANTINOV, V. P. [Ship radio operator's handbook] Posobie sudovomu radistu. 2., dop. i perer. izd. Moskva, Izd-vo "Rechnoi transport," 1962. 262 p.

KRUPENKOV, N. F. [Volga-Baltic Sea] Volgo-Balt. [Vologda] Vologodskoe knizhnoe izd-vo, 1962. 110 p.

MARCHENKO, V. G., and others, comps. [English-Russian naval dictionary. Approximately 40,000 words and phrases] Anglo-russkii voenno-morskoi slovar'. Pod red. N. G. Morozovskogo. Okolo 40,000 slov i sochetanii. Moskva, Voenizdat, 1962. 851 p.

MASLIAKOV, V. N. [Raft towing] Buksirovka plotov. Moskva, Izd-vo "Rechnoi transport," 1962. 185 p.

MIRZOEV, A. M. [The Communist Party is the organizer and inspirer of our Armed Forces] Kommunist partiiasy silahly guvvelerimizin teshkilatchysy ve ilhamchysydyr Baky, Azerbaichan SSR silahly guvvelerinin bilikleri latian chemiiet, 1961 39 p [In Azerbaijani]

MOSCOW, VOENNO-POLITICHESKAIA AKADEMIIA. Kafedra dialekticheskogo i istoricheskogo materializma. [Marxism-Leninism on war and the army] Marksizm-leninizm o voine i armii. 3., perer. i dop. izd. Pod obshchei red. Fedorova, G. A., Sushko, N. IA., Belogo, B. A., Moskva, Voenizdat, 1962. 374 p.

NECHAEV, V. V. [Electric equipment of ships] Elektrooborudovanie sudov. Moskva, Izd-vo "Rechnoi transport," 1962. 208 p.

NIKOLAEV, V. V. [Submarine service] O sluzhbe podvodnoi. Moskva, Izd-vo DOSAAF, 1962. 85 p.

NIKONOV, S. N., and V. P. PANKRATOV. [Lay-off work in shipbuilding] Sudovol razmetchik. Leningrad, Sudpromgiz, 1962. 217 p.

PUGACHEV, A. S. [Shipbuilding drawing] Sudostroitel'noe cherchenie Izd 2 , perer. i dop Leningrad, Sudpromgiz, 1962 199 p diagrs

RUSSIA (1923- U. S. S. R.) Shtab grazhdanskoi oborony. [How to protect yourself from the weapons of mass contamination] Kak zashchishchat'sia ot orudzhila massovogo porazhenila. Moskva, Izd-vo DOSAAF, 1962. 30 p.

SEREBRIAKOV, M. E. [Interior ballistics of barrel systems and powder rockets] Vnutrennialia ballistika stvol'nykh sistem i porokhovykh raket. 3 izd., dop i perer. Moskva, Oborongiz, 1962. 703 p

TIKHOMIROV, V. P. [Control of ship maneuvers in limited water areas] Upravlenie manevrami korablia na stesnennykh akvatoriiakh. Moskva, Voen. izd-vo M-va oborony SSSR, 1962. 131 p.

VERHUN, OSYP. [Osyp Verhun tells his story] Osyp Verhun rozpovidaie. Kyiv, Vyd T-va kul'turnykh zv'iazkiv z ukraintsiamy za kordonom, 1962. 47 p

PART B—PERIODICALS

An asterisk (*) appearing before a periodical title indicates that it is available in full English translation For publishers of such translated periodicals, their subscription prices, etc , see listing at end of this issue

1. GENERAL

a. SCHOLARLY JOURNALS

AKADEMIIA NAUK ARMIANSKOI SSR, Erivan, Izvestiia. Obshchestvennye nauki [ACADEMY OF SCIENCES OF THE ARMENIAN S. S. R. Bulletin. Social Sciences] Erivan, no. 11, Nov. 1962

AKADEMIIA NAUK AZERBAIDZHANSKOI SSR, Baku, Izvestiia. Seriia obshchestvennykh nauk [ACADEMY OF SCIENCES OF THE AZERBAIJAN S. S. R Bulletin. Series in the Social Sciences]. Baku, nos. 9-10, 1962

AKADEMIIA NAUK KAZAKHSKOI SSR, Alma-Ata, Vestnik [ACADEMY OF SCIENCES OF THE KAZAKH S. S. R. Journal]. Alma-Ata, vol. 18, no. 9(210), Sep. 1962

AKADEMIIA NAUK MOLDAVSKOI SSR, Izvestiia [ACADEMY OF SCIENCES OF THE MOLDAVIAN S. S. R Bulletin] Kishinev, no. 2, 1962.

AKADEMIIA NAUK SSSR, Vestnik [ACADEMY OF SCIENCES OF THE U. S. S. R. Journal]. Moscow, vol. 32, no. 12, Dec. 1962.

AKADEMIIA NAUK SSSR, Karel'skii filial, Petrozavodsk. Trudy [ACADEMY OF SCIENCES OF THE U. S. S. R. Karelian Branch Transactions]. Petrozavodsk, no. 14, 1959

IRKUTSK, UNIVERSITET. Trudy [UNIVERSITY. Transactions]. Vol. 29, 1961 Seriia istoricheskaia [Historical Series], no. 2.

LATVIJAS PADOMJU SOCIALISTISKAS REPUBLIKAS ZINATNU AKADEMIJA. Vestis. Izvestiia Akademii nauk Latviiskoi SSR [ACADEMY OF SCIENCES OF THE LATVIAN S. S. R. Bulletin]. Riga, nos. 1(162)-3(164), 1961.

LENINGRAD. UNIVERSITET. Uchenye zapiski [UNIVERSITY. Studies]. No. 1, 1959; no. 313, 1962. Seriia biologicheskikh nauk [Series in the Biological Sciences], no. 49.

LENINGRAD. UNIVERSITET. Vestnik [UNIVERSITY. Review].
Vol 17, no. 21, 1962 Seriia biologii [Series in Biology], no 4.
Vol 17, no. 22, 1962. Seriia fiziki i khimii [Series in Physics and Chemistry], no. 4.
Vol. 17, no. 23, 1962. Seriia ekonomiki, filosofii i prava [Series in Economics, Philosophy, and Law], no 4.

MUNICH. UKRAINS'KYI VIL'NYI UNIVERSYTET. Naukovi zapysky [UKRAINIAN FREE UNIVERSITY. Studies]. Nos. 4/5, 1961.

OBSHCHESTVENNYE NAUKI V UZBEKISTANE [SOCIAL SCIENCES IN UZBEKISTAN]. Issued by Akademiia nauk Uzbekskoi SSR [Academy of Sciences of the Uzbek S. S. R.]. Tashkent, vol. 6, no. 10, 1962.

ORDZHONIKIDZE. SEVERO-OSETINSKII NAUCHNO-ISSLEDOVATEL'SKII INSTITUT. Izvestiia [NORTH OSSETIAN SCIENTIFIC RESEARCH INSTITUTE. Bulletin]. Vol. 22, no. 3, 1960.

TIFLIS. UNIVERSITET. Trudy [UNIVERSITY. Transactions]. Vol. 87, 1960.

VOLGOGRAD. GOSUDARSTVENNYI PEDAGOGICHESKII INSTITUT. Uchenye zapiski [STATE PEDAGOGICAL INSTITUTE. Studies]. No. 13, 1961.

b. POPULAR MAGAZINES

AZIIA I AFRIKA SEGODNIA [ASIA AND AFRICA TODAY]. Issued by Institut narodov Azii and Institut Afriki Akademii nauk SSSR [Institute of the Peoples of Asia and the Institute of Africa of the Academy of Sciences of the U. S. S. R.]. Moscow, nos 11-12, Nov -Dec 1962

BELARUS' [WHITE RUSSIA] Minsk, vol. 19, nos 11 (220)-12(221), Nov. -Dec 1962.

BELARUSKAIA MOLADZ' BYELORUSSIAN YOUTH. Issued by Zgurtavan'ne belaruskae moladzi u Amerytsy [White Russian Youth Association of America] New York, vol 4, no 15, July, Sep. 1962.

DADZIS [THISTLE] Riga, nos. 1(11.)-2(146), 1963. [In Latvian]

GENYS [WOODPECKER] Issued by Lietuvos Lenino komjaunimo sajungos Centro komitetas and Respublikine pionieriu taryba [Central Committee of the Lenin Communist Youth League of Lithuania and the Republic Council of Pioneers]. Vilnius, no 9 (195), 1962. [In Lithuanian]

KAPKĂN, chuvashskii satiricheskii zhurnal [TRAP, Chuvash Satirical Magazine]. Cheboksary, vol. 22, nos. 22(415)-24(417), Nov. -Dec. 1962 [In Chuvash]

KHORPUSHTAK [HEDGEHOG]. Dushanbe, no. 12(115), Dec 1962. [In Tajik]

KIRPI [HEDGEHOG]. Baku, nos. 21(249)-24(252), Nov. -Dec. 1962 [In Azerbaijani]

KOREIA [KOREA]. Pyongyang, no. 11(76), 1962.

KROKODIL [CROCODILE]. Issued by gazeta [Newspaper] "Pravda" Moscow, vol. 41, nos. 35(1685)-36(1686), Dec 1962; vol. 41, nos. 1(1687), 3(1689), Jan. 1963.

KUL'TURA I ZHIZN' [CULTURE AND LIFE]. Issued by Soiuz sovetskikh obshchestv druzhby i kul'turnoi sviazi s zarubezhnymi stranami [Union of Soviet Societies for Friendship and Cultural Relations with Foreign Countries]. Moscow, vol. 6, no. 10, 1962.

KULTUUR JA ELU [CULTURE AND LIFE] Issued by Eesti NSV Kultuuriministeerium and Eesti NSV Ametiuhingute Noukogu [Ministry of Culture of the Estonian S.S R. and the Council of Trade Unions of the Estonian S.S R.] Tallinn, vol. 6, no. 1, Jan 1963 [In Estonian]

LIESMA [FLAME] Issued by Latvijas LKJS Centrala komiteja [Central Committee of the Lenin Communist Youth League of Latvia] Riga, no. 12, Dec 1962. [In Latvian]

MĚDENIET ZHĚNE TŬRMYS [CULTURE AND LIFE]. Issued by Ministerstvo kul'tury Kazakhskoi SSR [Ministry of Culture of the Kazakh S.S.R.] Alma-Ata, no. 12, Dec. 1962. [In Kazakh]

MUSHTUM [PUNCH]. Tashkent, vol. 40, no. 24(842), Dec. 1962; vol. 41, no. 1(843), Jan. 1963. [In Uzbek]

NOVAIA KOREIA [NEW KOREA]. Published by Izdatel'stvo literatury na inostrannykh iazykakh [Foreign Language Publishing House]. Pyongyang, no. 11(176), 1962

NOVOSTI KOREI [NEWS OF KOREA] Issued by TSentral'noe telegrafnoe agentstvo Korei [Central Telegraph Agency of Korea] Pyongyang, vol 5, nos 21, 28, Aug., Oct 1962

OGONEK [THE LITTLE LIGHT] Moscow, vol. 40, nos. 39(1840)-40(1841), Sep. 1962

PILT JA SÕNA [PICTURE AND WORD] Tallinn, vol. 17, no. 12(198), Dec 1962, vol. 18, no 1(199), Jan 1963 [In Estonian]

PIONEER [PIONEER] Issued by ELKNU Keskkomitee and Eesti NSV Pioneerorganisatsiooni Noukogu [Central Committee of the Lenin Communist Youth League of Estonia and the Council of the Pioneers of the Estonian S S.R.]. Tallinn, vol. 20, no 12 (242), Dec. 1962, vol. 21, no. 1(243), Jan. 1963 [In Estonian]

PIONER [PIONEER] Erivan, no. 12, Dec 1962 [In Armenian]

PIONER [PIONEER] Issued by TSentral'nyi komitet Vsesoiuznogo leninskogo kommunisticheskogo soiuza molodezhi and TSentral'nyi sovet Vsesoiuznoi pionerskoi organizatsii imeni V. I. Lenina [Central Committee of the All-Union Communist Youth League of Lenin and the Central Council of the All-Union Lenin Pioneers] Moscow, vol. 39, no. 12, Dec 1962, vol 40, no. 1, Jan 1963

RODINA [OUR COUNTRY] Issued by Komitat za vozvrashchenie na Rodinu i razvitie kul'turnykh sviazei s sootecheatvennikami [Committee for Repatriation and Development of Cultural Relations with our Countrymen] Berlin, vol 4, no 6(22), Nov. -Dec. 1962.

ROVESNIK [CONTEMPORARY] Issued by TsK VLKSM and Komitet molodezhnykh organizatsii SSSR [Central Committee of the All-Union Communist Youth League of Lenin and the Committee of Youth Organizations of the U S S. R.]. Moscow, nos. 2-5, Aug -Nov. 1962

SAMOSTIINA UKRAINA. INDEPENDENT UKRAINE. Published by TSentral'na uprava Organizatsii derzhavnoho vidrodzhennia Ukrainy [Central Administration of the Organization for the Rebirth of Ukraine] Chicago, vol 7, nos. 10/11(154-155), Oct -Nov. 1962.

SEIATEL' [SOWER] Published by N Cholovskii. Buenos Aires, no 104, Aug. 1962.

SEL'SKAIA MOLODEZH' [RURAL YOUTH]. Issued by TsK VLKSM [Central Committee of the All-Union Communist Youth League of Lenin] Moscow, vol. 29, nos. 1-2, 12, Jan. -Feb., Dec 1962.

SLUOTA [THE BROOM] Issued by Lietuvos komunistu partijos Centro komitetas [Central Committee of the Communist Party of Lithuania] Vilnius, nos 1 (200)-2(201), Jan. 1963. [In Lithuanian]

SOGLASIE [CONCORD]. Los Angeles, Calif , vol. 11, nos. 133-134, Oct -Nov 1962; vol. 12, no 135, Dec. 1962

SOVREMENNAIA MONGOLIIA [CONTEMPORARY MONGOLIA] Ulan Bator, vol. 7, no. 8(55), Aug. 1962.

SVYTURYS [THE LIGHTHOUSE]. Vilnius, vol. 14, no. 23(335), Dec. 1962, vol. 15, no 1(337), Jan. 1963. [In Lithuanian]

TOČIKISTON [TAJIKISTAN]. Dushanbe, vol. 7, nos 11-12, Nov. -Dec. 1962. [In Tajik]

UKRAINA [THE UKRAINE]. Published by Vydavnytstvo "Radians'ka Ukraina" [Publishing House "Soviet Ukraine"] Kiev, nos 20(323), 24(327), Oct , Dec 1962

V ETNAM [VIETNAM] Hanoi, Vietnam, nos 11 (62)-12(63), 1962

VOZHYK [HEDGEHOG] Minsk, vol 22, no 24(350), Dec 1962, vol 23, no 1(351), Jan 1963

VSESVIT. THE UNIVERSE Neu-Ulm, vol 6, no 1 (55), Jan 1963

VYZVOL'NYI SHLIAKH [LIBERATION PATH] London, vol 9(15), no 12/106(180), Dec 1962, vol 10(16), no 1/107(181), Jan 1963.

ZHIZN' GLUKHIKH [LIFE OF THE DEAF]. Issued by Vsesoiuznoe obshchestvo glukhikh [All-Russian Society of the Deaf] Moscow, vol 16, no 1, Jan 1963

ZHIZN' SLEPYKH [LIFE OF THE BLIND]. Organ of TSentral'noe pravlenie Vsesoiuznogo obshchestva slepykh [Central Administration of the All-Russian Society of the Blind] Moscow, vol 39, no 12, Dec 1962

ZVAIGZNE [THE STAR] Riga, vol 13, no 24(298), Dec 1962, vol 13, nos 1(299)-2(300), Jan. 1963 [In Latvian]

2. BIBLIOGRAPHY

a. BIBLIOGRAPHY

AKADEMIIA NAUK SSSR. Biblioteka. Novye inostrannye knigi, postupivshie v sistemu biblioteki [ACADEMY OF SCIENCES OF THE U.S.S.R. Library New Foreign Books Received by the Library System]. Moscow, no 10(125), 1962.

BIBLOS, ZHURNAL UKRAINS'KOI BIBLIOGRAFII [JOURNAL OF UKRAINIAN BIBLIOGRAPHY] New York, vol 8, no 12(91), Dec 1962

INFORMATSIONNYI UKAZATEL' BIBLIOGRAFICHESKIKH SPISKOV I KARTOTEK, SOSTAVLENNYKH BIBLIOTEKAMI SOVETSKOGO SOIUZA [INFORMATION INDEX OF BIBLIOGRAPHICAL LISTS AND CARD FILES, COMPILED BY THE LIBRARIES OF THE SOVIET UNION] Issued by Gosudarstvennaia biblioteka SSSR [State Library of the U.S.S.R.] Moscow, vol. 7, nos. 1-2, Jan. 1963.

KNIZHNAIA LETOPIS' [BOOK CHRONICLE]. Issued by Vsesoiuznaia knizhnaia palata [All-Union Book Chamber] Moscow, nos 51-52, 1962; nos 1, 3, 1963,

_____ Dopolnitel'nyi vypusk [Supplementary Issue], no 11, 1962.

LATVIJAS PSR PRESES HRONIKA LETOPIS' PECHATI LATVIISKOI SSR [CHRONICLE OF PUBLICATIONS OF THE LATVIAN S.S.R.] Issued by Latvijas PSR gramatu palata [Book Chamber of the Latvian S.S.R.] Riga, no 11, Nov 1962.

LETOPIS' GAZETNYKH STATEI [CHRONICLE OF NEWSPAPER ARTICLES]. Issued by Vsesoiuznaia knizhnaia palata [All-Union Book Chamber], Moscow, no. 12, 1962.

LETOPIS' PERIODICHESKIKH IZDANII SSSR [CHRONICLE OF PERIODICAL PUBLICATIONS OF THE U.S.S.R.] Issued by Vsesoiuznaia knizhnaia palata [All-Union Book Chamber]. Moscow, for 1947, publ. 1948.

LETOPIS' RETSENZII [CHRONICLE OF REVIEWS] Published by Vsesoiuznaia knizhnaia palata [All-Union Book Chamber]. Moscow, no. 4, 1962.

LETOPIS' ZHURNAL'NYKH STATEI [CHRONICLE OF PERIODICAL ARTICLES]. Publishedby Vsesoiuznaia knizhnaia palata [All-Union Book Chamber]. Moscow, nos. 46, 50-52, 1962; nos. 1-2, 1963. Vspomogatel'nye ukazateli k nos. 27-39 za 1962 god [Indexes to nos. 27-39 for 1962].

MOSCOW. PUBLICHNAIA BIBLIOTEKA. Informatsionnyi biulleten' novykh inostrannykh knig, postupivshikh v Biblioteku imeni V. I. Lenina. Serila 1: Fiziko-matematicheskie, khimicheskie i geologo-geograficheskie nauki; tekhnika i tekhnicheskie nauki [PUBLIC LIBRARY. Information Bulletin of New Foreign Books, Received by the Lenin Library. Series 1: Physical, Mathematical, Chemical, Geological, and Geographical Sciences; Technology and Technological Sciences]. Vol. 8, nos. 1-2, Jan. 1963.

MOSCOW. PUBLICHNAIA BIBLIOTEKA. Informatsionnyi biulleten' novykh inostrannykh knig, postupivshikh v Biblioteku imeni V. I. Lenina. Serila 2. Biologicheskie, meditsinskie i sel'skokhoziaistvennye nauki [PUBLIC LIBRARY. Information Bulletin of New Foreign Books, Received by the Lenin Library. Series 2: Biological, Medical, and Agricultural Sciences] Vol 5, no 36, Dec. 1962; vol. 6, nos. 1-2, Jan. 1963.

MOSCOW PUBLICHNAIA BIBLIOTEKA. Informatsionnyi biulleten' novykh inostrannykh knig, postupivshikh v Biblioteku imeni V. I. Lenina Serila 3: Obshchestvennye nauki, khudozhestvennaia literatura, iskusstvo [PUBLIC LIBRARY Information Bulletin of New Foreign Books, Received by the Lenin Library. Series 3 Social Sciences, Belles-Lettres, Art] Vol 6, nos. 1-2, Jan. 1963.

NAUJOS KNYGOS [NEW BOOKS] Vilnius, no 3(23), Sep -Oct 1962 [In Lithuanian]

NOVAIA LITERATURA PO IUGOSLAVII [NEW LITERATURE ON YUGOSLAVIA]. Issued by Fundamental'naia biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 9, 1962.

NOVAIA LITERATURA PO POL'SHE [NEW LITERATURE ON POLAND]. Issued by Fundamental'naia biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.]. Moscow, no 9, 1962.

NOVAIA LITERATURA PO RUMYNII [NEW LITERATURE ON RUMANIA]. Issued by Fundamental'naia biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.]. Moscow, nos. 8/9, 1962.

NOVAIA SOVETSKAIA LITERATURA O NAUKE I NAUCHNO-ISSLEDOVATEL'SKOI RABOTE V SSSR [NEW SOVIET LITERATURE ON SCIENCE AND GENERAL RESEARCH IN THE U.S.S.R.] Issued by Fundamental'naia biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U.S.S.R.] Moscow, no. 9, 1962

NOVYE KNIGI [NEW BOOKS] Issued by Vsesoiuznaia knizhnaia palata [All-Union Book Chamber]. Moscow, nos. 51-52, Dec. 1962

NOVYE KNIGI ZA RUBEZHOM. Serila V: Biologila, meditsina, sel'skoe khoziaistvo [NEW FOREIGN BOOKS Series V Biology, Medicine, Agriculture]. Published by Izdatel'stvo inostrannoi literatury [Publishing House of Foreign Literature]. Moscow, vol 7, no. 1, Jan. 1963

NOVYE KNIGI ZA RUBEZHOM PO OBSHCHESTVENNYM NAUKAM, ekonomika, filosofila, istorlia, mezhdunarodnye otnoshenlia [NEW FOREIGN BOOKS ON THE SOCIAL SCIENCES, Economics, Philosophy, History, International Relations] Published by Izdatel'stvo inostrannoi literatury [Publishing House of Foreign Literature]. Moscow, vol. 6, no 1, Jan. 1963.

SVODNYI BIULLETEN' NOVYKH INOSTRANNYKH KNIG, POSTUPIVSHIKH V BIBLIOTEKI SSSR. Serila B: Obshchestvennye nauki [UNION LIST OF NEW FOREIGN BOOKS RECEIVED BY THE LIBRARIES OF THE U.S.S.R. Series B: Social Sciences]. Moscow, no. 4(64), 1962.

b. LIBRARIES & LIBRARY SCIENCE

BIBLIOTEKAR' [THE LIBRARIAN] Organ of Ministerstvo kul'tury RSFSR [Ministry of Culture of the R.S.F.S.R.]. Moscow, no. 12, Dec, 1962.

BIBLIOTEKOVEDENIE I BIBLIOGRAFIIA; ukazatel' literatury [LIBRARY SCIENCE AND BIBLIOGRAPHY; an Index to the Literature], Apr.-June, 1962. Issued by Nauchno-metodicheskii otdel bibliotekovedeniia i bibliografii Gosudarstvennoi biblioteki SSSR imeni V. I. Lenina [Scientific Methodological Division of Library Science and Bibliography of the V. I. Lenin State Library]. Moscow, no. 2, Apr.-June 1962.

c. PRINTING & THE BOOK TRADE

POLIGRAFICHESKOE PROIZVODSTVO [PRINTING INDUSTRY]. Organ of Ministerstvo kul'tury SSSR [Ministry of Culture of the U.S.S.R.]. Moscow, no. 12, Dec 1962.

REFERATIVNYI ZHURNAL. OTDEL'NYI VYPUSK 3 OBORUDOVANIE I TEKHNOLOGIIA POLIGRAFICHESKOGO PROIZVODSTVA [JOURNAL OF ABSTRACTS, SEPARATE ISSUE 37: EQUIPMENT AND TECHNOLOGY OF THE PRINTING INDUSTRY] Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no 24, Dec. 1962.

SOVETSKAIA KNIZHNAIA TORGOVLIA [SOVIET BOOK TRADE] Organ of Ministerstvo kul'tury RSFSR i TSentral'nyi soiuz potrebitel'skikh obshchestv [Ministry of Culture of the U.S.S.R. and the Central Union of Consumers Societies of the U.S.S.R.] Moscow, vol. 14, no. 11, 1962.

3. PHILOSOPHY & RELIGION

a. PHILOSOPHY

VOPROSY FILOSOFII [PROBLEMS OF PHILOSOPHY] Issued by Institut filosofii Akademiia nauk SSSR [Institute of Philosophy of the Academy of Sciences of the U.S.S.R.]. Moscow, vol. 16, nos. 11-12, 1962

b. RELIGION

BRATSKII VESTNIK [HERALD OF BROTHERHOOD] Issued by Vsesoiuznyi sovet evangel'skikh khristian-baptistov [All-Union Council of Evangelical Christians and Baptists]. Moscow, no. 4, 1962.

DUKHOVNOE PROBUZHDENIE [SPIRITUAL AWAKENING]. Helsinki, vol 42, no. 11/12, 1962, vol 43, no. 1, 1963.

NAUKA I RELIGIIA [SCIENCE AND RELIGION] Issued by Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii [All-Union Society for the Dissemination of Political and Scientific Knowledge]. Moscow, vol. 4, no. 12, Dec. 1962

ORTHODOX EASTERN CHURCH, RUSSIAN. Patriarkhia - Zhurnal Moskovskoi Patriarkhii [Journal of the Moscow Patriarchate]. Moscow, no. 10, Oct 1962

ROSSIIA I VSELENSKAIA TSERKOV' [RUSSIA AND THE UNIVERSAL CHURCH] Bruxelles, no 4[illegible] Jan - Sep. 1962

RUSSKO-AMERIKANSKII PRAVOSLAVNYI VESTNIK [THE RUSSIAN AMERICAN ORTHODOX MESSENGER] Organ of Mitropolichii okrug Russkoi Pravoslavnoi TSerkvi v Amerike [Metropolitanate of the Russian Orthodox Church in America]. New York, nos. 11-12, Nov -Dec. 1962

SVITLO, THE LIGHT. Issued by OO. Vasilian - Basilian Fathers]. Toronto, vol. 25, no. 11-12(480), Nov.-Dec. 1962; vol. 26, no. 1(481) Jan 1963.

TSERKOVNYI VESTNIK [CHURCH HERALD]. Organ of Pravoslavnia tserkov' v Pol'she [Orthodox Church in Poland]. Warsaw, vol. 9, no. 10, Oct. 1962

UKRAINS'KE PRAVOSLAVNE SLOVO. UKRAINIAN ORTHODOX WORD. Organ of the Ukrainian Orthodox Church of the United States of A. - South Bound Brook, N.J., vol 13, nos. 9, 11, Nov. 1962, vol. 14, no. 1, Jan. 1963.

VECHNOE [THE ETERNAL]. Paris, no 1(101) Jan-1963.

VIRA I KUL'TURA. FAITH AND CULTURE Organ of Ukrains'ke naukove bohoslovs'ke tovarystvo [Ukrainian Theological Society]. Winnipeg, no. 12(108), Oct. 1962; vol. 20, no. 3(111), Jan. 1963.

VOIOVNYCHYI ATEIST [MILITANT ATHEIST] Issued by Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR [Society for Dissemination of Political and Scientific Knowledge of the Ukrainian S.S.R.]. Kiev, nos. 6-9, 11(26)-12(27), June - Dec. Nov.-Dec. 1962.

4. HISTORY

a. GENERAL

AKADEMIIA NAUK SSSR. Institut narodov Azii. Kratkie soobshcheniia [ACADEMY OF SCIENCES OF THE U.S.S.R. Institute of the Peoples of Asia. Brief Reports]. Moscow, no. 65, 1962.

KALENDAR' ZNAMENATEL'NYKH I PAMIATNYKH DAT [CALENDAR OF SIGNIFICANT AND MEMORABLE DATES] Issued by Izdatel'stvo "Sovetskaia Rossiia" and Gosudarstvennaia publichnaia istoricheskaia biblioteka RSFSR ["Soviet Russia" Publishing House and the State Public Historical Library of the R S F S R] Moscow, vol. 7, no. 12, Dec. 1962.

NOVAIA INOSTRANNAIA LITERATURA PO ISTORII, ARKHEOLOGII I ETNOGRAFII [NEW FOREIGN LITERATURE ON HISTORY, ARCHAEOLOGY, AND ETHNOGRAPHY]. Issued by Fundamental'naia biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U. S. S R]. Moscow, no 9, 1962.

UKRAINS'KYI ISTORYCHNYI ZHURNAL [UKRAINIAN HISTORICAL JOURNAL]. Issued by Instytut istorii Akademii nauk URSR [Institute of History of the Academy of Sciences of the Ukrainian S. S. R.] Kiev, vol. 6, no. 6, Nov -Dec. 1962.

VOPROSY ISTORII [PROBLEMS OF HISTORY]. Issued by Otdelenie istoricheskikh nauk Akademii nauk SSSR [Department of History of the Academy of Sciences of the U. S S. R.] Moscow, nos. 11-12, Oct -Nov. 1962

b. ARCHAEOLOGY & ANTIQUITIES

AKADEMIIA NAUK SSSR Institut arkheologii. Kratkie soobshcheniia o dokladakh i polevykh issledovaniiakh [ACADEMY OF SCIENCES OF THE U. S S. R. Institute of Archaeology. Brief Summaries of Reports and Field Explorations]. Moscow, no. 08, 1962.

MATERIALY I ISSLEDOVANIIA PO ARKHEOLOGII SSSR [MATERIALS AND RESEARCH IN THE ARCHAEOLOGY OF THE U. S. S. R]. Issued by Institut arkheologii Akademii nauk SSSR [Institute of Archaeology of the Academy of Sciences of the U. S. S. R.]. Moscow, no. 103, 1962

5. SOCIAL SCIENCES

a. COMMERCE

BUKHGALTERSKII UCHET [ACCOUNTING] Issued by Ministerstvo finansov SSSR [Ministry of Finance of the U S. S R]. Moscow, vol. 19, no. 11, Nov. 1962.

TORGOVLIA ZA RUBEZHOM; organizatsiia, novyye metody, tekhnika torgovli i massovogo pitaniia [TRADE ABROAD; Organization, New Methods, and Equipment of Trade and Public Food Service]. Moscow, no 12, 1962, no. 1, 1963.

* VNESHNIAIA TORGOVLIA [FOREIGN TRADE]. Organ of Ministerstvo vneshnei torgovli SSSR [Ministry of Foreign Commerce of the U. S S R.]. Moscow, vol. 42, no 12, 1962

b. ECONOMICS

EKONOMIKA SEL'SKOGO KHOZIAISTVA [ECONOMICS OF AGRICULTURE]. Issued by Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U. S. S. R.]. Moscow, vol. 33, no. 11, Nov. 1962.

EKONOMIKA SOVETSKOI UKRAINY [ECONOMICS OF THE SOVIET UKRAINE]. Issued by Gosplan Soveta Ministrov Ukrainskoi SSR and Institut ekonomiki Akademii nauk URSR [State Planning Commission of the Council of Ministers of the Ukrainian S. S. R. and the Institute of Economics of the Academy of Sciences of the Ukrainian S. S. R.]. Kiev, no. 5, Sep. -Oct. 1962.

EKONOMIKA STROITEL'STVA [ECONOMICS OF CONSTRUCTION]. Issued by Gosudarstvennyi komitet Soveta Ministrov SSSR po delam stroitel'stva [State Committee of the Council of Ministers of the U. S. S. R. for Construction]. Moscow, no. 12, Dec. 1962.

LIAUDIES UKIS [THE NATIONAL ECONOMY] Issued by Lietuvos TSR Valstybines plano komisija [State Planning Commission of the Lithuanian S. S. R] and others. Vilnius, no. 12(60), Dec. 1962 [In Lithuanian]

MIROVAIA EKONOMIKA I MEZHDUNARODNYE OTNOSHENIIA [WORLD ECONOMICS AND INTERNATIONAL RELATIONS]. Issued by Institut mirovoi ekonomiki i mezhdunarodnykh otnoshenii Akademii nauk SSSR [Institute of World Economics and International Relations of the Academy of Sciences of the U. S. S. R.]. Moscow, no. 12, Dec. 1962.

MOSCOW. UNIVERSITET Vestnik. Seriia 8. Ekonomika, filosofiia [UNIVERSITY Review. Series 8 Economics, Philosophy]. Vol. 17, no 6, Nov -Dec. 1962

NARODNOE KHOZIAISTVO ARMENII [THE NATIONAL ECONOMY OF ARMENIA] Issued by Gosplan Soveta Ministrov Armianskoi SSR [State Planning Commission of the Council of Ministers of the Armenian S S R.]. Erivan, no 12, 1962 [In Armenian]

NARODNOE KHOZIAISTVO UZBEKISTANA [THE NATIONAL ECONOMY OF UZBEKISTAN]. Issued by Gosudarstvennaia planovaia komissiia Soveta Ministrov Uzbekskoi SSR [State Planning Commission of the Council of Ministers of the Uzbek S S R.]. Tashkent, vol 4, no. 9, Sep 1962

NOVAIA SOVETSKAIA EKONOMICHESKAIA LITERATURA [NEW SOVIET ECONOMIC LITERATURE] Issued by Fundamental'naia biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences of the Academy of Sciences of the U S.S.R] Moscow, nos 29-30, 1962

REFERATIVNYI SBORNIK EKONOMIKA PROMYSHLENNOSTI [JOURNAL OF ABSTRACTS ECONOMICS OF INDUSTRY] Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U S S R] Moscow, no 12, Dec 1962

SOVETSKAIA POTREBITEL'SKAIA KOOPERATSIIA [SOVIET CONSUMER COOPERATION] Issued by TSentral'nyi soiuz potrebitel'skikh obshchestv SSSR [Central Union of Consumers Societies of the U S. S. R.] Moscow, vol. 6, no. 9, Sep. 1962.

UCHET I FINANSY V KOLKHOZAKH I SOVKHOZAKH [ACCOUNTING AND FINANCE ON COLLECTIVE AND STATE FARMS] Issued by Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U. S. S. R.]. Moscow, vol. 19, no. 12, Dec. 1962.

VESTNIK STATISTIKI [STATISTICAL REVIEW] Organ of TSentral'noe statisticheskoe upravlenie SSSR [Central Statistical Administration of the U. S. S R.]. Moscow, no. 11, 1962

c. FINANCE

DEN'GI I KREDIT [MONEY AND CREDIT] Published by Gosudarstvennyi bank SSSR [U. S. S. R. State Bank] Moscow, vol. 20, no. 10, Oct. 1962.

FINANSY SSSR [FINANCE OF THE U. S. S. R]. Issued by Ministerstvo finansov SSSR [Ministry of Finance of the U. S S. R.]. Moscow, vol. 23, no 11, Nov. 1962.

d. LABOR

BIULLETEN' NAUCHNOI INFORMATSII· TRUD I ZARABOTNAIA PLATA [BULLETIN OF SCIENTIFIC INFORMATION. LABOR AND WAGES]. Issued by Nauchno-issledovatel'skii institut truda Gosudarstvennogo komiteta Soveta Ministrov SSSR po voprosam truda i zarabotnoi platy [Labor Scientific Research Institute of the State Committee of the Council of Ministers of the U. S. S. R. for Labor and Wages]. Moscow, vol. 5, no. 11, 1962.

OKHRANA TRUDA I SOTSIAL'NOE STRAKHOVANIE [PROTECTION OF LABOR AND SOCIAL INSURANCE]. Issued by Vsesoiuznyi TSentral'nyi Sovet Professional'nykh Soiuzov [All-Union Central Council of Trade Unions]. Moscow, vol. 5, no. 11, Nov. 1962.

SOTSIALISTICHESKII TRUD [SOCIALIST LABOR]. Issued by Gosudarstvennyi komitet Soveta Ministrov SSSR po voprosam truda i zarabotnoi platy [State Committee of the Council of Ministers of the U. S. S. R. on Labor and Wage Problems]. Moscow, vol. 7, no. 11, Nov. 1962.

SOVETSKIE PROFSOIUZY [SOVIET TRADE UNIONS]. Issued by Vsesoiuznyi TSentral'nyi Sovet Professional'nykh Soiuzov [All-Union Central Council of Trade Unions]. Moscow, vol. 18, nos. 22(256)-23(257), Nov. -Dec. 1962.

VSEMIRNOE PROFSOIUZNOE DVIZHENIE [WORLD TRADE-UNION MOVEMENT]. Organ of Vsemirnaia federatsiia profsoiuzov [World Federation of Trade Unions]. Moscow, no. 11, Nov. 1962.

e. SOCIOLOGY

AZERBAICHAN GADYNY [AZERBAIJAN WOMAN]. Issued by TSentral'nyi komitet Kommunisticheskoi Partii Azerbaidzhana [Central Committee of the Communist Party of Azerbaijan]. Baku, no 12, Dec 1962. [In Azerbaijani]

KYRGYZSTAN AIALDARY [KIRGHIZISTAN WOMAN]. Frunze, vol. 12, no. 11(103), Nov. 1962 [In Kirghiz]

NASH SVIT OUR WORLD Published by "Selfreliance," an Association of American Ukrainians, and the Ukrainian Economic Advisory Assoc , Inc. New York, vol 4(13), nos. 16(107)-17(108), June, Sep 1962

NASHE ZHYTTIA OUR LIFE Issued by Soiuz ukrainok Ameryky [Ukrainian National Women's League of America, Inc]. Philadelphia, vol 19, nos 6, 8-9, 11, June, Sep.-Oct., Dec. 1962.

PADOMJU LATVIJAS SIEVIETE [WOMAN OF SOVIET LATVIA] Issued by Latvijas komunistiskas partijas Centrala komiteja [Central Committee of the Communist Party of Latvia]. Riga, no 1(125), Jan 1963. [In Latvian]

SOVET TURKMENISTANYNYN AIALLARY [SOVIET TURKMENISTAN WOMAN] Organ of Tsk KP Turkmenistana [Central Committee of the Communist Party of Turkmenistan] Ashkhabad, no. 12(114), Dec 1962 [In Turkmen]

SOVETSKAIA ZHENSHCHINA [SOVIET WOMAN] Organ of Komitet sovetskikh zhenshchin and Vsesoiuznyi TSentral'nyi Sovet Professional'nykh Soiuzov [Committee of Soviet Women and the All-Union Central Council of Trade Unions] Moscow, vol 19, no. 2, 1963

UZBEKISTON SOTSIAL TA"MINOTI [SOCIAL SECURITY OF UZBEKISTAN]. Issued by Ministerstvo sotsial'nogo obespecheniia Uzbekskoi SSR [Ministry of Social Security of the Uzbek S. S. R.]. Tashkent, no 6(25), Dec 1962. [In Uzbek]

ZHENSHCHINY MIRA [WOMEN OF THE WHOLE WORLD]. Issued by Mezhdunarodnaia demokraticheskaia federatsiia zhenshchin [Women's International Democratic Federation]. Berlin, nos. 3, 8, 1962

6. POLITICAL SCIENCE

AGITATOR [AGITATOR]. Issued by TSentral'nyi komitet Kommunisticheskoi partii Sovetskogo Soiuza [Central Committee of the Communist Party of the Soviet Union]. Moscow, nos. 11-12, June 1962.

KAMUNIST BELARUSI [COMMUNIST OF WHITE RUSSIA]. Issued by TSentral'ny kamitet Kamunistychnai partyi Belarusi [Central Committee of the Communist Party of White Russia]. Minsk, vol. 36, no. 12, Dec. 1962.

KAZAKSTAN KOMMUNISI [COMMUNIST OF KAZAKHSTAN]. Issued by the Communist Party of Kazakhstan. Alma-Ata, vol. 42, no. 12, Dec. 1962; vol 42, no. 1, Jan. 1963. [In Kazakh]

KOMMUNIST [COMMUNIST]. Issued by TSentral'nyi Komitet Kommunisticheskoi partii Litvy [Central Committee of the Communist Party of Lithuania]. Vilnius, vol. 45, no. 12(462), Dec. 1962

KOMMUNIST [COMMUNIST]. Issued by TSentral'nyi Komitet Kommunisticheskoi partii Sovetskogo Soiuza [Central Committee of the Communist Party of the Soviet Union]. Moscow, vol. 39, no. 18, Dec. 1962; vol. 39, no. 1, Jan. 1963.

KOMMUNIST ESTONII [COMMUNIST OF ESTONIA]. Issued by TsK Kompartii Estonii [Central Committee of the Communist Party of Estonia]. Tallinn, vol. 18, no. 12, Dec. 1962.

KOMMUNISTI TOCHIKISTON [COMMUNIST OF TAJIKISTAN]. Issued by the Central Committee of the Communist Party of Tajikistan. Dushanbe, vol. 27, no. 10, Oct. 1962; vol. 28, no. 1, Jan. 1963. [In Tajik]

KOMUNISTAS [COMMUNIST]. Issued by Lietuvos komunistu partijos Centro komitetas [Central Committee of the Communist Party of Lithuania]. Vilnius, no. 12(462), Dec. 1962. [In Lithuanian]

LATVIAN S. S. R. Augstaka Padomo. Zinotajs [Supreme Soviet. Gazette]. Moscow, vol. 22, no. 49(981), Dec. 1962. [In Latvian]

LENINIAN UGIOV [LENIN'S WAY] Issued by TSentral'nyi Komitet Kommunisticheskoi partii Armenii [Central Committee of the Communist Party of Armenia]. Erivan, vol 41, no 12, Dec. 1962 [In Armenian]

MEZHDUNARODNAIA ZHIZN' [INTERNATIONAL LIFE] Published by Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii [All-Union Society for the Dissemination of Political and Scientific Knowledge] Moscow, vol 10, no. 1, Jan. 1963.

MOLODEZH' MIRA [WORLD YOUTH]. Issued by Vsemirnaia federatsiia demokraticheskoi molodezhi [World Federation of Democratic Youth] Moscow, no 5/6, 1962

MOSCOW Ispolnitel'nyi komitet Biulleten' [Executive Committee Bulletin] No 22(508), Nov. 1962

MUNICH. RADIO LIBERATION TSentral'nyi issledovatel'skii otdel Spravochnik [Central Research Section Manual] Nos 36,38-39, 1956, nos 42-43, n d, no 62, Sep 1961

NOVOE VREMIA [NEW TIMES]. Moscow, vol 20, nos. 50(916)-52(918), Dec. 1962.

PARTIINAIA ZHIZN' [PARTY LIFE] Issued by TSentral'nyi komitet Kommunisticheskoi partii Sovetskogo Soiuza [Central Committee of the Communist Party of the Soviet Union] Moscow, nos 23-24, Dec 1962

POLITICHESKOE SAMOOBRAZOVANIE [POLITICAL SELF-EDUCATION] Issued by TSentral'nyi komitet Kommunisticheskoi partii Sovetskogo Soiuza [Central Committee of the Communist Party of the Soviet Union]. Moscow, vol 6, no 12, Dec. 1962

PROBLEMY MIRA I SOTSIALIZMA [PROBLEMS OF PEACE AND SOCIALISM] Prague, vol 6, no 1 (33), Jan 1963.

RUSSIA (1917- R.S.F.S.R.) Verkhovnyi Sovet, Vedomosti [Supreme Soviet, Gazette]. Moscow, vol 6, nos.49(219)-52(222), Dec 1962, vol.7, no 1(223), Jan.1963.

RUSSIA (1923- U S S.R.) Verkhovnyi Sovet Vedomosti [Supreme Soviet Gazette] Moscow, vol 26, nos.3(1142)-5(1144), Jan -Feb. 1963

RUSSKOE DELO RUSSIAN CAUSE Issued by Predstavitel'stvo rossiiskikh emigrantov v Amerike [Russian Immigrants' Representative Association in America] New York, vol.4, nos.9(45)-11(47), Sep -Nov 1962

SOTSIALISTICHESKII VESTNIK. THE SOCIALIST COURIER. Organ of Rossiiskaia sotsial-demokraticheskaia rabochaia partiia [Russian Social Democratic Workers' Party] New York, vol.42, nos. 9/10 (769-770), Sep -Oct 1962

SOVETY DEPUTATOV TRUDIASHCHIKHSIA [SOVIETS OF WORKERS' DEPUTIES], Issued by gazeta [newspaper] "Izvestiia." Moscow, nos. 11-12, Nov.-Dec 1962.

TURKMENISTAN KOMMUNISTI [COMMUNIST OF TURKMENISTAN]. Organ of the Central Committee of the Communist Party of Turkmenistan. Ashkhabad, vol 38, no 12, Dec 1962 [In Turkmen]

UZBEKISTON KOMMUNISTI [COMMUNIST OF UZBEKISTAN] Issued by the Central Committee of the Communist Party of Uzbekistan. Tashkent, vol.34, no 12, Dec 1962 [In Uzbek]

VISNYK. THE HERALD Organ of Organizatsiia oborony chotyr'okh svobid Ukrainy [Organization for Defense of the Four Freedoms for the Ukraine, Inc.]. New York, vol 16, no.9(167), Oct. 1962.

ZNAMIA ROSSII; organ russkoi nezavisimoi monarkhicheskoi mysli [THE BANNER OF RUSSIA; Organ of Russian Independent Monarchistic Thought]. New York, vol. 17, no 326, Oct. 1962.

7. LAW

RUSSIA (1917- R.S.F.S.R.) Verkhovnyi Sud, Biulleten' [Supreme Court, Bulletin] Moscow, nos.8,10, 1962.

RUSSIA (1923- U.S.S.R.) Gosudarstvennyi arbitrazh, Sbornik instruktivnykh ukazanii [State Arbitration Commission, Collection of Rules]. Moscow, no 19/20, 1962

RUSSIA (1923- U.S.S.R.) Gosudarstvennyi komitet po voprosam truda i zarabotnoi platy, Biulleten' [State Committee on Problems of Labor and Wages, Bulletin] Moscow, nos. 4,7,9, 1962

RUSSIA (1923- U.S.S.R.) Laws, statutes, etc. Sbornik postanovlenii, prikazov i instruktsii po finansovo-khoziaistvennym voprosam' [Decisions, Orders, and Instructions on Financial and Economic Problems]. Leningrad, vol. 27, no 11, Nov. 1959.

SOVETSKAIA IUSTITSIIA [SOVIET JUSTICE]. Issued by Ministerstvo iustitsii and Verkhovnyi Sud RSFSR [Ministry of Justice and the Supreme Court of the R.S.F.S.R.]. Moscow, nos. 8,23, Apr., Dec. 1962

SOVETSKOE GOSUDARSTVO I PRAVO [SOVIET STATE AND LAW]. Organ of Institut gosudarstva i prava Akademii nauk SSSR [Institute of State and Law of the Academy of Sciences of the U.S.S.R.]. Moscow, vol. 32, no. 12, Dec. 1962

8. EDUCATION

a. GENERAL

AKADEMIIA PEDAGOGICHESKIKH NAUK RSFSR, Moscow. Doklady [ACADEMY OF PEDAGOGICAL SCIENCES OF THE R.S.F.S.R. Reports]. Moscow, vol. 6, no 4, 1962.

AKADEMIIA PEDAGOGICHESKIKH NAUK RSFSR, Moscow. Izvestiia [ACADEMY OF PEDAGOGICAL SCIENCES OF THE R.S.F.S.R. Bulletin]. Moscow, no. 121, 1962.

DOSHKOL'NOE VOSPITANIE [PRESCHOOL EDUCATION]. Issued by Ministerstvo prosveshchenila RSFSR [Ministry of Education of the R.S.F.S.R.] Moscow, vol. 36, no. 12, Dec. 1962.

GULKHAN. Issued by TsK LKSM and Ministerstvo prosveshchenila Uzbekistana [Central Committee of the All-Union Communist Youth League of Lenin and the Ministry of Education of Uzbekistan]. Tashkent, no 12(132), Dec. 1962. [In Uzbek]

LITERATURA PO PEDAGOGICHESKIM NAUKAM I NARODNOMU OBRAZOVANIIU [LITERATURE ON THE PEDAGOGICAL SCIENCES AND PUBLIC EDUCATION]. July-Sep 1961; Jan -March 1962 Issued by Gosudarstvennala bibliioteka po narodnomu obrazovaniiu [State Library of Public Education]. Moscow, no 1,3, 1962

MAKTABI SOVETI [SOVIET SCHOOL]. Issued by Ministerstvo prosveshchenila Tadzhikskoi SSR [Ministry of Education of the Tajik S.S.R.] Dushanbe, vol 37, no 11(379)-12(380), Nov -Dec 1962. [In Tajik]

RADIANS'KA SHKOLA [SOVIET SCHOOL]. Organ of Ministerstvo osvity Ukrains'koi RSR [Ministry of Education of the Ukrainian S.S.R.]. Kiev, vol. 41, no. 9, Sep. 1962.

RUSSIA (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovanila Biulleten' [Ministry of Higher and Secondary Specialized Education Bulletin]. Moscow, no. 12, Dec. 1962, no 1, Jan. 1963.

SOVET MAKTABI [SOVIET SCHOOL] Organ of Ministerstvo prosveshchenila Uzbekskoi SSR [Ministry of Education of the Uzbek S.S.R.]. Tashkent, nos 11-12, Nov.-Dec. 1962. [In Uzbek]

SOVETAKAN MANKAVARZH. SOVETSKII PEDAGOG [SOVIET TEACHER] Issued by Ministerstvo prosveshchenila Armianskoi SSR [Ministry of Education of the Armenian S.S.R.] Erivan, no.5, 1962. [In Armenian]

TARYBINE MOKYKLA [SOVIET SCHOOL]. Organ of Lietuvos TSR Svietimo ministerija [Ministry of Education of the Lithuanian S.S.R.]. Vilnius, no.12, Dec. 1962, no 1, Jan. 1963. [In Lithuanian]

VOZHATYI [PIONEER GUIDE]. Published by TSentral'nyi komitet Vsesoiuznogo leninskogo kommunisticheskogo soiuza molodezhi and TSentral'nyi sovet Vsesoiuznoi pionerskoi organizatsii imeni V.I. Lenina [Central Committee of the All-Union Communist Youth League of Lenin and the Central Council of the All-Union Lenin Pioneers]. Moscow, vol. 39, no. 1, Jan 1963.

b. PHYSICAL EDUCATION & GAMES

FIZICHESKAIA KUL'TURA V SHKOLE [PHYSICAL EDUCATION IN SCHOOLS]. Issued by Ministerstvo prosveshchenila RSFSR [Ministry of Education of the R.S.F.S.R.] Moscow, no 12, Dec. 1962, no 1, Jan 1963.

FIZKUL'TURA I SPORT [PHYSICAL EDUCATION AND SPORTS] Organ of Soiuz sportivnykh tovarystv i organizatsii URSR [Union of Sports Associations and Organizations of the Ukrainian S.S.R.]. Kiev, no 12, Dec 1962 [In Ukrainian]

KEHAKULTUUR [PHYSICAL CULTURE] Organ of Eesti NSV Spordiuhingute ja-organisatsioonide Liit [Union of Sports Associations and Organizations of the Estonian S.S.R.] Tallinn, vol 23, nos 23 (464)-24(465), Dec 1962 [In Estonian]

SAHS [CHESS] Issued by Latvijas PSR Sporta biedribu un organizaciju savieniba and Saha federacija [Union of Sports Associations and Organizations and the Chess Federation of the Latvian S.S.R.]. Riga, no.23(85), Dec. 1962. [In Latvian]

SHAKHMATNYI BIULLETEN' [CHESS BULLETIN]. Organ of Shakhmatnaia federatsiia SSSR [Chess Federation of the U.S.S.R.] Moscow, vol 9, no.1, Jan. 1963

SHAKHMATY [CHESS] Issued by Soiuz sportivnykh obshchestv i organizatsii and Shakhmatnaia federatsiia Latviiskoi SSR [Union of Sports Associations and Organizations and the Chess Federation of the Latvian S.S.R.] Riga, nos 23 (71)-24(72), Dec. 1962, no.1(73), Jan. 1963.

SHAKHMATY V SSSR [CHESS IN THE U.S.S.R.]. Organ of Shakhmatnaia federatsiia SSSR [Chess Federation of the U.S.S.R.]. Moscow, vol 30, no 12, Dec 1962

SHASHKI [CHECKERS] Issued by Soiuz sportivnykh obshchestv i organizatsii Latviiskoi SSR and Shashechnaia federatsiia Latviiskoi SSR [Union of Sports Associations and Organizations of the Latvian S.S.R. and the Checkers Federation of the Latvian S.S.R.]. Riga, no 6(17), Nov.-Dec 1962.

SPORTIVNAIA ZHIZN' ROSSII [SPORT LIFE IN RUSSIA]. Organ of Vserossiiskii sovet Soiuza sportivnykh obshchestv i organizatsii [All-Russian Council of the Association of Sports Societies and Organizations]. Moscow, vol.7, no.1, 1963

SPORTIVNYE IGRY [ATHLETIC GAMES]. Organ of TSentral'nyi sovet Soiuza sportivnykh obshchestv i organizatsii SSSR [Central Council of the Association of Sports Societies and Organizations of the U.S.S.R.]. Moscow, vol.8, no 12(91), Dec. 1962

TEORIIA I PRAKTIKA FIZICHESKOI KUL'TURY [THEORY AND PRACTICE OF PHYSICAL CULTURE] Organ of TSentral'nyi sovet Soiuza sportivnykh obshchestv i organizatsii SSSR [Central Council of the Association of Sports Societies and Organizations of the U.S.S.R.]. Moscow, vol. 25, nos. 9-10, Sep -Oct. 1962.

9. MUSIC, THEATER & MOTION PICTURES

a. MOTION PICTURES

ISKUSSTVO KINO [CINEMA ART]. Organ of Ministerstva kul'tury SSSR and Soiuz rabotnikov kinematografii SSSR [Ministry of Culture of the U.S.S.R. and of the Association of Cinematographic Workers of the U.S.S.R.]. Moscow, nos. 11-12, Nov.-Dec. 1962.

SOVETSKII EKRAN [THE SOVIET SCREEN]. Organ of Ministerstvo kul'tury SSSR and Soiuz rabotnikov kinematografii SSSR [Ministry of Culture of the U.S.S.R. and the Union of Motion-Picture Workers of the U.S.S.R.]. Moscow, no. 1(145), Jan. 1963

b. MUSIC

LETOPIS' MUZYKAL'NOI LITERATURY [CHRONICLE OF MUSICAL LITERATURE]. Issued by Vsesoiuznaia knizhnaia palata [All-Union Book Chamber]. Moscow, Ukazatel' k nos. 1-4 za 1962 god [Index to nos. 1-4 for 1962].

MUZYKAL'NAIA ZHIZN' [MUSICAL LIFE] Organ of Soiuz kompozitorov SSSR and Ministerstvo kul'tury SSSR [Association of Composers of the U.S.S.R. and the *Ministry of Culture of the U.S.S.R.*] Moscow, vol 5, no 24, Dec 1962, vol 6, nos 1-2, Jan 1963

NOVOSIBIRSK GOSUDARSTVENNAIA KONSERVATORIIA Nauchno-metodicheskie zapiski [STATE CONSERVATORY Scholarly and Methodological Studies]. No 1, 1958.

SOVETSKAIA MUZYKA [SOVIET MUSIC] Organ of Soiuz kompozitorov SSSR and Ministerstvo kul'tury SSSR [Association of Composers of the U.S.S.R and the Ministry of Culture of the U.S.S.R.]. Moscow, vol.26, nos.10-11, Oct.-Nov. 1962

c THEATER

SOVETSKII TSIRK [THE SOVIET CIRCUS]. Organ of Ministerstvo kul'tury SSSR [Ministry of Culture of the U S S R] Moscow, vol.6, no.12(63), Dec 1962

TEATR [THEATER] Organ of Ministerstvo kul'tury SSSR and Soiuz pisatelei SSSR [Ministry of Culture of the U.S.S.R and Association of Writers of the U.S.S.R.] Moscow, vol 23, nos.11-12, Nov.-Dec 1962.

TEATRAL'NAIA ZHIZN' [LIFE OF THE THEATER] Organ of Ministerstvo kul'tury RSFSR [Ministry of Culture of the R.S.F.S.R.] and others. Moscow, no 24, Dec. 1962, nos.1-3, Jan -Feb 1963

10. FINE ARTS

a. GENERAL

DEKORATIVNOE ISKUSSTVO SSSR [DECORATIVE ART OF THE U.S.S.R.] Issued by Soiuz khudozhnikov SSSR [Association of Artists of the U.S.S.R.]. Moscow, no 12(61), Dec. 1962

ISKUSSTVO [ART]. Organ of Ministerstvo kul'tury SSSR [Ministry of Culture of the U.S.S.R.] and others. Moscow, vol.25, no.10, 1962.

LETOPIS' IZOBRAZITEL'NOGO ISKUSSTVA [CHRONICLE OF FINE ARTS]. Issued by Vsesoiuznaia knizhnaia palata [All-Union Book Chamber]. Moscow, no 4, 1962

LVOV. UKRAINS'KYI DERZHAVNYI MUZEI ETNOGRAFII TA KHUDOZHN'OHO PROMYSLU, Pratsi [UKRAINIAN STATE MUSEUM OF ETHNOGRAPHY AND THE ART INDUSTRIES, Transactions]. Kiev, no. 6, 1961.

MAKSLA [ART]. Issued by Latvijas Padomju makslinieku savieniba [Association of Artists of Soviet Latvia] and others. Riga, no 4(16), 1962. [In Latvian]

SOVETAKAN ARVEST [SOVIET ART]. Issued by Ministerstvo kul'tury Armianskoi SSR [Ministry of Culture of the Armenian S.S.R]. Erivan, no. 11, 1962 [In Armenian]

TVORCHESTVO [CREATIVE WORK] Issued by Soiuz khudozhnikov SSSR [Association of Artists of the U.S.S.R.]. Moscow, no 12(72), 1962.

b. ARCHITECTURE

ARKHITEKTURA SSSR [ARCHITECTURE OF THE U S S.R.]. Organ of Akademiia stroitel'stva i arkhitektury SSSR and Soiuz arkhitektorov SSSR [Academy of Construction and Architecture of the U.S.S.R. and the Association of Architects of the U.S.S.R.]. Moscow, nos.7,11, 1962.

STROITEL'STVO I ARKHITEKTURA [CONSTRUCTION AND ARCHITECTURE]. Issued by Gosudarstvennyi komitet Soveta Ministrov USSR po delam stroitel'stva and Soiuz arkhitektorov Ukrainy [State Committee of the Council of Ministers of the Ukrainian S.S.R. for Construction and the Association of Architects of the Ukraine]. Kiev, vol.10, no.11(95), Nov. 1962.

STROITEL'STVO I ARKHITEKTURA LENINGRADA [CONSTRUCTION AND ARCHITECTURE IN LENINGRAD]. Organ of Ispolnitel'nyi komitet Leningradskogo gorodskogo soveta deputatov trudiashchikhsia [Executive Committee of the Leningrad City Soviet of Workers' Deputies] and others. Leningrad, vol. 24, no. 11, Nov. 1962.

STROITEL'STVO I ARKHITEKTURA MOSKVY [CONSTRUCTION AND ARCHITECTURE IN MOSCOW] Issued by Ispolkom Moskovskogo gorodskogo soveta deputatov trudiashchikhsia [Executive Committee of the Moscow City Soviet of Workers' Deputies] Moscow, vol. 11, nos. 1,12, Jan , Dec 1962.

11. LANGUAGE, LITERATURE & FOLKLORE

a. LANGUAGE

PREPODAVANIE AZERBAIDZHANSKOGO IAZYKA I LITERATURY, metodicheskii sbornik [TEACHING THE AZERBAIJANI LANGUAGE AND LITERATURE, Methodology] Supplement to the Magazine "Azerbaid zhan Mektebi" Baku, no.4, 1962 [In Azerbaijani]

UKRAINS'KA MOVA V SHKOLI [UKRAINIAN LANGUAGE IN SCHOOLS], Organ of Ministerstvo osvity URSR [Ministry of Education of the Ukrainian S.S.R.] Kiev, vol 12, no.6, Nov-Dec. 1962

ÜZBEK TILI VA ADABIĔTI MASALALARI [PROBLEMS OF UZBEK LANGUAGE AND LITERATURE] Issued by A S Pushkin nomidagi til va adabiĕt instituti of the Uzbekiston SSR fanlar akademiiasi [*A S Pushkin Institute of Language and Literature of the Academy of Sciences of the Uzbek S S R*] Tashkent, vol 5, no.6, Nov -Dec 1962. [In Uzbek]

b LITERATURE & FOLKLORE

ALA-TOO, literaturno-khudozhestvennyi i obshchestvenno-politicheskii zhurnal [ALA-TAU; Literary and Socio-political Magazine] Organ of Soiuz pisatelei Kirgizii and Ministerstvo kul'tury Kirgizskoi SSR [Association of Writers of Kirghizia and the Ministry of Culture of the Kirghiz S.S.R.], Frunze, vol 31, no 12, Dec 1962 [In Kirghiz.]

ASHKHABAD, literaturno-khudozhestvennyi i obshchestvenno-politicheskii zhurnal [ASHKHABAD, Literary *and Sociopolitical Journal*] Organ of Soiuz pisatelei Turkmenistana [Association of Writers of Turkmenistan]. Ashkhabad, vol.3, no.6, 1962

AZĔRBAĬCHAN [AZERBAIJAN] Organ of Soiuz pisatelei *Azerbaidzhana* [Association of Writers of Azerbaijan]. Baku, no 12, Dec. 1962. [In Azerbaijani]

BAIGAL [BAIKAL] Ulan-Ude, no.6, Nov -Dec 1962 [In Buryat]

BAIKAL. Organ of Soiuz pisatelei and Ministerstvo kul'tury Buriatskoi ASSR [Association of Writers and the Ministry of Culture of the Buryat A.S.S.R.] Ulan-Ude, vol.8, no.6, Nov.-Dec. 1962.

DILA [MORNING]. Issued by TSentral'nyi komitet leninskogo kommunisticheskogo soiuza molodezhi Gruzii and Respublikanskii sovet organizatsii iunykh pionerov im. V.I. Lenina [Central Committee of the Lenin Communist Youth League of Georgia and the Republic Council of Lenin Pioneers]. Tiflis, nos.11-12, Nov.-Dec 1962 [*In Georgian*]

DNESTR [DNIESTER]. Organ of Soiuz pisatelei Moldavskoi SSR [Association of Writers of the Moldavian S.S.R.]. Kishinev, vol 15, no.11, 1962.

DNIPRO [DNIEPER]. Organ of TSentral'nyi komitet Leninskoho komunistychnoho soiuzu molodi Ukrainy [Central Committee of the All-Union Communist Youth League of the Ukraine]. Kiev, vol 37, no.1, Jan. 1963.

DON. Organ of Rostovskoe oblastnoe otdelenie Soiuza pisatelei RSFSR [Rostov Province Branch of the Association of Writers of the R.S.F.S.R.]. Rostov-on-Don, vol.6, no.12, Dec 1962; vol.7, no.1, Jan. 1963.

DROSHA [THE BANNER]. Published by the Publishing House of the Central Committee of the Communist Party of Georgia. Tiflis, no 12(137), Dec. 1962. [In Georgian]

DRUZHBA NARODOV [FRIENDSHIP OF PEOPLES]. Organ of Soiuz pisatelei SSSR [Association of Writers of the U.S.S.R.]. Moscow, no 12, Dec. 1962.

GULISTON [ROSE GARDEN]. Issued by Soiuz pisatelei Tadzhikistana [Association of Writers of Tajikistan]. Dushanbe, no.4, Oct.-Dec. 1962

KAROGS [THE BANNER]. Issued by Latvijas padomju rakstnieku savieniba [Association of Writers of Latvia]. Riga, no 1, Jan. 1963. [In Latvian]

KHOTUGU SULUS [STAR OF THE NORTH] Yakutsk, nos 5-6, 1962. [In Yakut]

LITERATURA V SHKOLI [LITERATURE IN SCHOOLS]. Organ of Ministerstvo prosveshchenila USSR [Ministry of Education of the Ukrainian S.S.R.]. Kiev, vol 13, no 1, Jan -Feb 1963

LITERATURNAIA ARMENIIA [LITERARY ARMENIA] Organ of Soiuz pisatelei Armenii [Association of Writers of Armenia] Erivan, no 11, Nov 1962

LITERATURNAIA GRUZIIA [LITERARY GEORGIA]. Organ of Soiuz pisatelei Gruzii [Association of Writers of Georgia] Tiflis, vol 6, nos 11-12, Nov.-Dec. 1962

LITERATURNYI AZERBAIDZHAN [LITERARY AZERBAIJAN] Organ of Soiuz pisatelei Azerbaidzhana [Association of Writers of Azerbaijan] Baku, vol.21, no 1, Jan 1963.

LITERATURNYI KIRGIZSTAN [LITERARY KIRGHIZISTAN] Organ of Soiuz pisatelei Kirgizii [Association of Writers of Kirghizia] Frunze, vol 8, no.6(48), Nov -Dec 1962.

LOOMING [CREATIVE WORK] Issued by Eesti NSV Kirjanike Liit [Association of Writers of the Estonian S.S.R.]. Tallinn, no 1, Jan 1963. [In Estonian]

MOKSHA, literaturno-khudozhestvennai i obshchestvenno-politicheskiai zhurnal [MOKSHA; Literary and Sociopolitical Almanac] Saransk, no 6, Nov.-Dec. 1962. [In Mordvinian]

NA RUBEZHE [AT THE FRONTIER] Issued by Soiuz pisatelei Karel'skoi ASSR [Association of Writers of the Karelian A.S.S.R.]. Petrozavodsk, vol 23, no.6, Nov -Dec 1962

NASH SOVREMENNIK [OUR CONTEMPORARY] Organ of Soiuz pisatelei RSFSR [Association of Writers of the R S F S R] Moscow, vol.6, 1962.

NEMAN [NEMAN RIVER] Organ of Soiuz pisatelei BSSR [Association of Writers of the White Russian S.S.R.]. Minsk, vol.11, no 6, Nov.-Dec 1962

NISTRUL [DNIESTER RIVER] Organ of the Association of Soviet Writers of the Moldavian S.S.R. Kishinev, vol 31, nos.11-12, 1962. [In Moldavian]

NOVAIA SOVETSKAIA LITERATURA PO LITERATUROVEDENIIU [NEW SOVIET LITERATURE ON THE STUDY OF LITERATURE] Issued by *Fundamental'*naia biblioteka obshchestvennykh nauk Akademii nauk SSSR [Fundamental Library of Social Sciences *of the Academy of Sciences of the U.S.S.R.*]. Moscow, no 9, 1962

PERGALE [THE VICTORY] Organ of Lietuvos TSR tarybiniu rasytoju sajunga [Association of Soviet Writers of the Lithuanian S.S.R.] Vilnius, no.12, Dec 1962, no.1, Jan 1963 [In Lithuanian]

POD"EM [UPSWING]. Issued by Voronezhskoe otdelenie Soiuza pisatelei RSFSR [Voronezh Branch of the Association of Writers of the R.S.F.S.R.] Voronezh, no 6, Nov -Dec 1962.

PROSTOR [WIDE-OPEN SPACES] Organ of Soiuz pisatelei Kazakhstana [Association of Writers of Kazakhstan] Alma-Ata, vol.28, no 12, Dec. 1962

RADIANS'KE LITERATUROZNAVSTVO [SOVIET LITER*ARY REVIEW*] Organ of Instytut literatury im. T. H Shevchenka Akademii nauk URSR and Spilka pis'mennykiv Ukrainy [Shevchenko Institute of Literature of the Academy of Sciences of the Ukrainian S.S.R and the Association of Writers of the Ukraine]. Kiev, vol. 6, no. 6, Nov. -Dec. 1962.

RUSSKAIA LITERATURA [RUSSIAN LITERATURE] Issued by Institut russkoi literatury Akademii nauk SSSR [Institute of Russian Literature of the Academy of Sciences of the U S S.R.]. Leningrad, vol.5, no 4, 1962.

SHARK IULDUZI [STAR OF THE EAST]. Organ of the Association of Soviet Writers of Uzbekistan. Tashkent, vol.30, no 12, Dec 1962. [In Uzbek]

SHARKI SURKH [THE RED EAST]. Organ of the Association of Writers of Tajikistan. Dushanbe, no.12, Dec. 1962. [In Tajik]

SIBIRSKIE OGNI [SIBERIAN LIGHTS]. Organ of Novosibirskoe otdelenie Soiuza pisatelei RSFSR [Novosibirsk Branch of the Association of Writers of the R.S.F.S.R.]. Novosibirsk, vol.41, no.12, Dec. 1962; vol.42, no.1, Jan. 1963.

SOVET ĔDEBIIATY [SOVIET LITERATURE] Organ of Soiuz sovetskikh pisatelei TSSR [Association of Writers of the Turkmen S S R] Ashkhabad, no 12, Dec 1962 [In Turkmen]

SOVETSKAIA PECHAT' [SOVIET PRESS] Issued by Soiuz zhurnalistov SSSR [Association of Journalists of the U S S R.]. Moscow, no. 11, Nov 1962

SOVETSKAIA UKRAINA [SOVIET UKRAINE] Organ of Privlenie Soiuza pisatelei Ukrainy [Administration of the Association of Writers of the Ukraine] Kiev, vol. 12, no 10, Oct 1962.

SUCHASNIST', literatura, mystetstvo, suspil'ne zhyttia [OUR TIME, Literature, Art, and Social Problems] Munich, vol 3, no 1(25), Jan 1963

SURMN FOLT, literaturno-khudozhestvennoi dy obshchestvenno-politicheskoi zhurnal [SURA LIGHTS, Literary and Sociopolitical Magazine] Issued by Mordovskoi ASSR-n' pisatelen' soiuzos' [Association of Writers of the Mordovian A.S.S R.] Saransk, no 6, Nov -Dec 1962 [In Mordovian]

TĂVAN ATĂL [NATIVE VOLGA] Issued by the Association of Soviet Writers of Chuvashia Cheboksary, no 6(99), Nov -Dec 1962 [In Chuvash]

URAL Issued by Sverdlovskoe otdelenie Soiuza pisatelei RSFSR [Sverdlovsk Branch of the Association of Writers of the R S F S R] Sverdlovsk, no 11, Nov 1962

VOLGA Issued by Kuibyshevskoe otdelenie Soiuza pisatelei RSFSR [Kuybyshev Branch of the Association of Writers of the R S F S.R] Kuybyshev, no 26, 1962

VOPROSY LITERATURY [PROBLEMS OF LITERATURE] Organ of Soiuz pisatelei SSSR and Institut mirovoi literatury Akademii nauk SSSR [Association of Writers of the U S S.R. and the Institute of World Literature of the Academy of Sciences of the U S.S R.]. Moscow, vol 6, nos. 10-11, Oct -Nov 1962

VOZROZHDENIE [RENAISSANCE] Paris, no 133, Jan 1963

ZEMLIA RODNAIA [NATIVE LAND] Penza, nos 30/31, 1961

ZHOVTEN' [OCTOBER] Organ of Spilka pys'mennykiv Ukrainy [Association of Writers of the Ukraine] Lvov, vol 13, no 1, Jan. 1963

ZHULDYZ [STAR] Issued by Soiuz sovetskikh pisatelei Kazakhstana [Association of Soviet Writers of Kazakhstan] Alma-Ata, no 12, Dec 1962 [In Kazakh]

ZVEZDA VOSTOKA [STAR OF THE EAST] Organ of Soiuz pisatelei Uzbekistana [Association of Writers of Uzbekistan] Tashkent, vol 30, nos 11-12, Nov -Dec 1962

12. GEOGRAPHY & GEOLOGY

a. ETHNOLOGY

AKADEMIIA NAUK SSSR, Institut etnografii Trudy [ACADEMY OF SCIENCES OF THE U.S S R Institute of Ethnography. Transactions]. Moscow, vol. 73, 1962. Afrikanskii etnograficheskii sbornik [African Ethnographic Papers], no 4.

b. GEOGRAPHY

AKADEMIIA NAUK SSSR Izvestiia, Seriia geograficheskaia [ACADEMY OF SCIENCES OF THE U. S. S. R. Bulletin Geographical Series]. Moscow, no. 6, Nov.-Dec. 1962.

AKADEMIIA NAUK SSSR, Institut okeanologii. Trudy [ACADEMY OF SCIENCES OF THE U. S. S. R. Institute of Oceanography. Transactions]. Moscow, vol 58, 1962

GEOGRAFICHESKOE OBSHCHESTVO SSSR. Geograficheskii sbornik [GEOGRAPHIC SOCIETY OF THE U. S. S. R. Geographical Papers]. Moscow, no 15, 1962.

GEOGRAFICHESKOE OBSHCHESTVO SSSR. Zapiski Novaia seriia [GEOGRAPHIC SOCIETY OF THE U. S. S R Records. New Series]. Moscow, vol. 22, 1962.
Contents: Shoshin, A. A. [Principles of medical geography] Osnovy meditsinskoi geografii. 146 p

GEOGRAFICHESKOE OBSHCHESTVO SSSR. Komi filial. Izvestiia [GEOGRAPHICAL SOCIETY OF THE U S S R Komi Branch Bulletin] Syktyvkar, no 7, 1962.

GEOGRAFIIA V SHKOLE [GEOGRAPHY IN SCHOOLS] Issued by Ministerstvo prosveshchenila RSFSR [Ministry of Education of the R S F. S. R]. Moscow, vol 25, no 6, Nov.-Dec. 1962.

LENINGRAD. GOSUDARSTVENNYI GIDROLOGICHESKII INSTITUT Trudy [STATE HYDROLOGICAL INSTITUTE Transactions] No 98, 1962

REFERATIVNYI ZHURNAL GEOGRAFIIA [JOURNAL OF ABSTRACTS GEOGRAPHY] Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U S S R] Moscow, no 12, Dec. 1962, Avtorskii ukazatel', 1961 g [Author Index for 1961] Predmetnyi i geograficheskii ukazateli 1961 g [Subject and Geographical Indexes for 1961]

VOKRUG SVETA [AROUND THE WORLD] Issued by TSentral'nyi Komitet Vsesoiuznogo leninskogo kommunisticheskogo soiuza molodezhi [Central Committee of the All-Union Communist Youth League of Lenin] Moscow, no 10, Oct. 1962

c. GEOLOGY & PALEONTOLOGY

AKADEMIIA NAUK AZERBAIDZHANSKOI SSR, Baku. Izvestiia Seriia geologo-geograficheskikh nauk i nefti [ACADEMY OF SCIENCES OF THE AZERBAIJAN S. S. R. Bulletin Series in the Geological and Geographical Sciences and Petroleum]. Baku, no. 3, 1962

AKADEMIIA NAUK KAZAKHSKOI SSR, Alma-Ata, Izvestiia, Seriia geologicheskaia [ACADEMY OF SCIENCES OF THE KAZAKH S. S. R. Bulletin. Geological Series]. Alma-Ata, no. 5(50), 1962.

*AKADEMIIA NAUK SSSR. Izvestiia, Seriia geologicheskaia [ACADEMY OF SCIENCES OF THE U S. S. R. Bulletin Geological Series] Moscow, vol. 27, no 11, Nov. 1962.

AKADEMIIA NAUK SSSR, Dagestanskii filial, Makhachkala Geologicheskii institut. Trudy [ACADEMY OF SCIENCES OF THE U. S. S. R. Daghestan Branch. Geological Institute Transactions]. Makhachkala, vol 2, 1960.

AKADEMIIA NAUK SSSR. Institut geologii rudnykh mestorozhdenii, petrografii, mineralogii i geokhimii. Trudy [ACADEMY OF SCIENCES OF THE U. S. S. R. Institute of the Geology of Ore Deposits, Petrology, Mineralogy, and Geochemistry. Transactions]. Moscow, no. 72, 1962. Voprosy geokhimii [Problems of Geochemistry], no. 4
Contents: Ozerova, N. A. [Primary dispersion halos of mercury] Pervichnye oreoly rasseianiia rtuti. 134 p.

No. 78, 1962.
Contents: Marfunin, A. S. [Phase relationship, optic properties, and geological distribution of feldspars] Polevye shpaty - fazovye vzaimootnosheniia, opticheskie svoistva, geologicheskoe raspredelenie. 271 p.

AKADEMIIA NAUK SSSR, Kazanskii filial, Trudy, Seriia geologicheskikh nauk [ACADEMY OF SCIENCES OF THE U. S. S. R Kazan Branch. Transactions. Series in the Geological Sciences]. Kazan, no. 9, 1960.

AKADEMIIA NAUK SSSR, Ural'skii filial, Sverdlovsk. Gorno-geologicheskii institut. Trudy [ACADEMY OF SCIENCES OF THE U. S. S. R. Ural Branch. Mining-Geological Institute Transactions]. Sverdlovsk, no. 58, 1962. Zakonomernosti razmeshchenila poleznykh iskopaemykh na Urale [Characteristics of the Distribution of Mineral Resources in the Urals], vol. 1.

AKADEMIIA NAUK TADZHIKSKOI SSR, Dushanbe. Institut geologii. Trudy [ACADEMY OF SCIENCES OF THE TAJIK S. S R. Institute of Geology. Transactions]. Dushanbe, vol. 4, 1961.

[MICROFILM]

AKADEMIIA NAUK URSR, Kiev. Instytut geologichnykh nauk. Trudy. Seriia petrografii, mineralogii i geokhimii [ACADEMY OF SCIENCES OF THE UKRAINIAN S. S. R. Institute of Geological Sciences Transactions. Petrographical, Mineralogical, and Geochemical Series]. Kiev, no. 6, 1960.

APATITY. SEISMICHESKAIA STANTSIIA. Biulleten' [SEISMIC STATION. Bulletin]. No. 11, 1962.

BAKU. AZERBAIDZHANSKII GOSUDARSTVENNYI UNIVERSITET. Uchenye zapiski Geologo-geograficheskaia seriia [AZERBAIJAN STATE UNIVERSITY. Studies Geological and Geographical Series] No. 1, 1959

EESTI NSV TEADUSTE AKADEEMIA Geoloogia Instituut Uurimused Trudy Instituta geologii Akademii nauk Estonskoi SSR [ACADEMY OF SCIENCES OF THE ESTONIAN S. S. R. [Institute of Geology Investigations]. Tallinn, vol 9, 1962

GEOLOGICHNYI ZHURNAL [GEOLOGICAL JOURNAL]. Issued by Viddil khimichnykh i geologichnykh nauk Akademii nauk URSR ind Holovne upravlinnia geologii i okhorony nadr pry Radi Ministriv URSR [Department of Chemical and Geological Sciences of the Academy of Sciences of the Ukrainian S. S. R and Main Administration of the Geology and Conservation of Mineral Resources, Attached to the Council of Ministers of the Ukrainian S. S. R] Kiev, vol. 22, no. 5, 1962

GEOLOGIIA I GEOFIZIKA [GEOLOGY AND GEOPHYSICS] Issued by Sibirskoe otdelenie Akademii nauk SSSR [Siberian Branch of the Academy of Sciences of the U S S R.]. Novosibirsk, no 10, 1962

LENINGRAD. NAUCHNO-ISSLEDOVATEL'SKII INSTITUT GEOLOGII ARKTIKI Trudy [SCIENTIFIC RESEARCH INSTITUTE OF ARCTIC GEOLOGY. Transactions]. Vol 127, 1962 Paleontologiia i biostratigrafiia [Paleontology and Biostratigraphy], no. 3.

LENINGRAD VSESOIUZNYI GEOLOGICHESKII INSTITUT Materialy [ALL-UNION GEOLOGICAL INSTITUTE. Materials]. Moscow, no 67, 1961.

LENINGRAD. VSESOIUZNYI GEOLOGICHESKII INSTITUT. Trudy [ALL-UNION GEOLOGICAL INSTITUTE. Transactions]. Moscow, vol. 71, 1962.
Contents: Nekrasova, O. I. [Lithofacies analysis of carbonate formations as revealed by the study of Lower-and Middle-Cambrian sediments in the southeastern margin of the Siberian Platform] Litologo-fatsial'nyi analiz karbonatnykh tolshch po primeru izucheniia nizhne- i srednekembriiskikh otlozhenii iugo-vostochnoi okrainy Sibirskoi platformy. 104 p 4 plates.
Vol 77, 1962

LENINGRAD VSESOIUZNYI NEFTIANOI NAUCHNO-ISSLEDOVATEL'SKII GEOLOGORAZVEDOCHNYI INSTITUT. Trudy [ALL-UNION PETROLEUM GEOLOGICAL PROSPECTING INSTITUTE Transactions]. No. 187, 1962 Opornye skvazhiny SSSR [Key wells of the U S S R]
Contents: Vasilenko, V. K, Levchenko, I. G. [Zaysan well (East Kazakhstan Province)] Zaisanskaia opornaia skvazhina (Vostochno-Kazakhstanskaia oblast'). 140 p.

No. 192, 1962
Contents Alferov, B. A [Aleksandriyskaya well (Northern Caucasus)] Aleksandriiskaia opornaia skvazhina (Severnyi Kavkaz) 60 p.

No 193, 1962

No. 194, 1962
Contents: Dneprov, V. S. [Geology, and oil and gas potentials of the southern Emba Upland and northern Ust-Urt] Geologicheskoe stroenie i neftegazonosnost' IUzhno-Embenskogo podniatiia i Severnogo Ustiurta. 122 p.

No 195, 1962
Contents: Bolarskikh, G K and others. [Berezovskaya key well (Tyumen' Province)] Berezovskaia opornaia skvazhina (Tiumenskaia oblast'). 120 p.

MATERIALY PO GEOLOGII I POLEZNYM ISKOPAEMYM TSENTRAL'NOGO KAZAKHSTANA [MATERIALS ON THE GEOLOGY AND MINERAL RESOURCES OF CENTRAL KAZAKHSTAN]. Issued by TSentral'nogo-Kazakhstanskoe geologicheskoe upravlenie Ministerstva geologii i okhrany nedr Kazakhskoi SSR [Central Kazakhstan Geological Administration of the Ministry of the Geology and Conservation of Mineral Resources of the Kazakh S. S. R.]. Moscow, no. 2, 1962.

MOSKOVSKOE OBSHCHESTVO ISPYTATELEI PRIRODY. Biulleten' [MOSCOW NATURALISTS' SOCIETY. Bulletin]. New series, vol. 67. Otdel geologicheskii [Geological Section]. Moscow,- vol. 37, no. 5, Sep. -Oct 1962.

REFERATIVNYI ZHURNAL GEOLOGIIA [JOURNAL OF ABSTRACTS: GEOLOGY]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S S.R.]. Moscow, no. 12, Dec. 1962.

SIBIRSKII NAUCHNO-ISSLEDOVATEL'SKII INSTITUT GEOLOGII, GEOFIZIKI I MINERAL'NOGO SYR'IA Trudy [SIBERIAN SCIENTIFIC RESEARCH INSTITUTE OF GEOLOGY, GEOPHYSICS, AND MINERAL RESOURCES. Transactions] Leningrad, no. 10, 1960.

* SOVETSKAIA GEOLOGHIA [SOVIET GEOLOGY] Organ of Ministerstvo geologii i okhrany nedr SSSR [Ministry of Geology and the Conservation of Mineral Resources of the U. S. S. R.]. Moscow, vol. 5, no. 11, Nov. 1962.

VOPROSY GEOLOGII UZBEKISTANA [PROBLEMS OF THE GEOLOGY OF UZBEKISTAN]. Issued by Otdelenie geologo-khimicheskikh nauk Akademii nauk Uzbekskoi SSR [Department of Geological and Chemical Sciences of the Academy of Sciences of the Uzbek S. S. R.]. Tashkent, no. 2, 1961
[MICROFILM]

ZAKONOMERNOSTI RAZMESHCHENIIA POLEZNYKH ISKOPAEMYKH [CHARACTERISTICS OF THE DISTRIBUTION OF MINERAL RESOURCES]. Issued by Sovet po izucheniiu zakonomernostei razmeshchenila poleznykh iskopaemykh Akademii nauk SSSR [Council on the Study of the Characteristics of the Distribution of Mineral Resources of the Academy of Sciences of the U. S. S. R.] Moscow, vol 5, 1962

13. SCIENCE

a. GENERAL

* AKADEMIIA NAUK SSSR. Doklady [ACADEMY OF SCIENCES OF THE U. S. S R. Reports] Moscow, vol. 147, no. 3, Nov. 1962.

FAN VA TURMUSH [SCIENCE AND LIFE]. Issued by Akademiia nauk Uzbekskoi SSR [Academy of Sciences of the Uzbek S. S R.]. Tashkent, no. 12(70), Dec. 1962. [In Uzbek]

MOKSLAS IR GYVENIMAS [SCIENCE AND LIFE]. Issued by Lietuvos TSR Politiniu ir mokslinio ziniu skleidimo draugija [Society for Dissemination of Political and Scientific Knowledge of the Lithuanian S. S. R.]. Vilnius, no. 1(64), Jan 1963. [In Lithuanian]

NAUKA I ZHIZN' [SCIENCE AND LIFE]. Issued by Vsesoiuznoe obshchestvo po rasprostraneniiu politicheskikh i nauchnykh znanii [All-Union Society for Dissemination of Political and Scientific Knowledge]. Moscow, vol. 29, no. 10, Oct. 1962

NOVYE KNIGI ZA RUBEZHOM. Seriia A: Matematika, mekhanika, astronomiia, fizika, geofizika, khimiia, geologiia [NEW FOREIGN BOOKS. Series A. Mathematics, Mechanics, Astronomy, Physics, Geophysics, Chemistry, Geology]. Published by Izdatel'stvo inostrannoi literatury [Publishing House of Foreign Literature]. Moscow, vol. 16, no. 1, Jan 1963

PRIRODA [NATURE]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U. S. S. R.]. Moscow, vol. 51, no. 12, Dec. 1962.

ZNANIE - SILA [KNOWLEDGE IS POWER]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po professional'no-tekhnicheskomu obrazovaniiu [State Committee of the Council of Ministers of the U. S. S. R. for Industrial Training]. Moscow, vol. 37, no. 9, Sep. 1962.

ZNANNIA TA PRATSIA [KNOWLEDGE AND WORK]. Issued by TSentral'nyi komitet Lenins'koho komunistychnoho soiuza molodi Ukrainy [Central Committee of the Ukrainian Communist Youth League of Lenin]. Kiev, no. 8(270), Aug. 1962.

b. ASTRONOMY

AKADEMIIA NAUK SSSR. Astronomicheskii sovet. Biulleten' stantsii opticheskogo nabliudeniia iskusstvennykh sputnikov Zemli [ACADEMY OF SCIENCES OF THE U. S. S. R. Astronomical Council Bulletin of the Stations for Optical Observation of Artificial Earth Satellites]. Moscow, nos. 27-28, 1962.

AKADEMIIA NAUK SSSR. Institut teoreticheskoi astronomii. Trudy [ACADEMY OF SCIENCES OF THE U. S. S. R. Institute of Theoretical Astronomy. Transactions]. Leningrad, no. 9, 1962.

* GEODEZIIA I KARTOGRAFIIA [GEODESY AND CARTOGRAPHY]. Organ of Glavnoe upravlenie geodezii i kartografii Ministerstva geologii i okhrany nedr SSSR [Main Administration of Geodesy and Cartography of the Ministry of the Geology and Conservation of Mineral Resources of the U. S. S. R.]. Moscow, nos. 3-4, 10-11, Mar.-Apr., Oct.-Nov. 1962.

ZVAIGZNOTA DEBESS [STARRY SKY] Issued by Latvijas PSR Zinatnu akademijas Astrofizikas laboratorija [Astrophysical Laboratory of the Academy of Sciences of the Latvian S. S R.] Riga, Spring, 1962. [In Latvian]

c. BIOLOGY

AKADEMIIA NAUK ARMIANSKOI SSR, Erivan. Izvestiia. Biologicheskie nauki [ACADEMY OF SCIENCES OF THE ARMENIAN S. S. R. Bulletin Biological Sciences]. Erivan, vol. 15, no 11, Nov. 1962.

AKADEMIIA NAUK AZERBAIDZHANSKOI SSR, Baku. Izvestiia. Seriia biologicheskikh i meditsinskikh nauk ACADEMY OF SCIENCES OF THE AZERBAIJAN S. S. R. Bulletin. Series in the Biological and Medical Sciences]. Baku, nos. 4, 6, 1962

AKADEMIIA NAUK KAZAKHSKOI SSR, Alma-Ata. Izvestiia. Seriia botaniki i pochvovedeniia [ACADEMY OF SCIENCES OF THE KAZAKH S S R Bulletin. Series in Botany and Soil Science]. Alma-Ata, no. 3(15), 1962.

AKADEMIIA NAUK KAZAKHSKOI SSR, Alma-Ata. Institut botaniki. Trudy [ACADEMY OF SCIENCES OF THE KAZAKH S. S. R. Institute of Botany. Transactions]. Alma-Ata, vol. 13, 1962.

AKADEMIIA NAUK SSSR. Gel'mintologicheskaia laboratoriia. Trudy [ACADEMY OF SCIENCES OF THE U. S. S. R. Helminthological Laboratory. Transactions] Moscow, vol. 11, 1961.

AKADEMIIA NAUK SSSR. Sibirskoe otdelenie. Biologicheskii institut. Trudy [ACADEMY OF SCIENCES OF THE U. S. S. R. Siberian Department Biological Institute. Transactions]. Novosibirsk, no. 8, 1962.

AKADEMIIA NAUK SSSR. Zoologicheskii institut. Issledovaniia dal'nevostochnykh morei SSSR [ACADEMY OF SCIENCES OF THE U. S. S. R. Zoological Institute Investigations of the Far Eastern Seas of the U. S. S. R.]. Moscow, no. 8, 1962.

AKADEMIIA NAVUK BSSR, Minsk. Vestsi. Seryia biialagichnykh navuk [ACADEMY OF SCIENCES OF THE WHITE RUSSIAN S. S R Bulletin. Series in the Biological Sciences] Minsk, no. 3, 1962.

BAKU. AZERBAIDZHANSKII GOSUDARSTVENNYI UNIVERSITET. Uchenye zapiski. Biologicheskaia seriia [AZERBAIJAN STATE UNIVERSITY. Studies. Biological Series] No. 6, 1960.

BIOLOGHIA V SHKOLE [BIOLOGY IN SCHOOLS]. Organ of Ministerstvo prosveshchenila RSFSR [Ministry of Education of the R. S F. S. R.] Moscow, no. 4, July-Aug. 1962

BOTANICHESKII ZHURNAL [BOTANICAL JOURNAL]. Organ of Vsesoiuznoe botanicheskoe obshchestvo [All-Union Botanical Society]. Moscow, vol 47, no. 10, Oct. 1962.

EESTI NSV TEADUSTE AKADEEMIA. Toimetised Bioloogilne seeria. Izvestiia Akademii nauk Estonskoi SSR. Seriia biologicheskaia [ACADEMY OF SCIENCES OF THE ESTONIAN S. S. R. Bulletin. Biological Series]. Tallinn, vol. 11, nos 3-4, 1962

* FIZIOLOGHIA RASTENII [PHYSIOLOGY OF PLANTS] Issued by Akademiia nauk SSSR [Academy of Sciences of the U. S. S. R.]. Moscow, vol. 9, no. 6, 1962.

MIKROBIOLOGICHNYI ZHURNAL [JOURNAL OF MICROBIOLOGY]. Issued by Instytut mikrobiologii Akademii nauk URSR [Institute of Microbiology of the Academy of Sciences of the Ukrainian S. S. R.]. Kiev, vol. 24, no. 2, 1962.

* MIKROBIOLOGHIA [MICROBIOLOGY]. Published by Akademiia nauk SSSR [Academy of Sciences of the U. S. S. R.]. Moscow, vol. 31, no. 3, May-June 1962.

PROBLEMY KOSMICHESKOI BIOLOGII [PROBLEMS OF COSMIC BIOLOGY]. Issued by Otdelenie biologicheskikh nauk Akademii nauk SSSR [Department of Biological Sciences of the Academy of Sciences of the U. S. S. R.]. Moscow, vol. 1, 1962.

REFERATIVNYI ZHURNAL: BIOLOGHIA [JOURNAL OF ABSTRACTS: BIOLOGY]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U. S. S. R.]. Moscow, no. 24, Dec. 1962.

VOPROSY BIOKHIMII [PROBLEMS OF BIOCHEMISTRY] Issued by Sektor biokhimii Akademii nauk Armianskoi SSR [Sector of Biochemistry of the Academy of Sciences of the Armenian S. S. R.]. Erivan, vol 2, 1961.

VOPROSY FIZIOLOGII I BIOKHIMII KUL'TURNYKH RASTENII [PROBLEMS OF PHYSIOLOGY AND BIOCHEMISTRY OF PLANT CROPS]. Issued by Institut fiziologii i biokhimii rastenii Akademii nauk Moldavskoi SSR [Institute of Physiology and Biochemistry of Plants of the Academy of Sciences of the Moldavian S. S. R.]. Kishinev, no. 2, 1962.

VOPROSY PITANIIA [PROBLEMS OF NUTRITION]. Issued by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U. S S R.] Moscow, vol 21, no 4, July-Aug. 1962.

VSESOIUZNOE GIDROBIOLOGICHESKOE OBSHCHESTVO. Trudy [ALL-UNION HYDROBIOLOGICAL SOCIETY. Transactions]. Moscow, vol. 12, 1962.

ZOOLOGICHESKII ZHURNAL [ZOOLOGICAL JOURNAL] Issued by Akademiia nauk SSSR [Academy of Sciences of the U. S. S. R.] Moscow, vol 41, no. 10, Oct. 1962.

d. CHEMISTRY

AKADEMIIA NAUK KAZAKHSKOI SSR, Alma-Ata. Institut khimicheskikh nauk. Trudy [ACADEMY OF SCIENCES OF THE KAZAKH S. S. R. Institute of Chemical Sciences Transactions] Alma-Ata, vol 6, 1962

*AKADEMIIA NAUK SSSR Izvestiia. Otdelenie khimicheskikh nauk [ACADEMY OF SCIENCES OF THE U. S. S R Bulletin Department of Chemical Sciences]. Moscow, no. 11, Nov. 1962.

*KINETIKA I KATALIZ [KINETICS AND CATALYSIS]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U. S. S R.]. Moscow, vol. 3, no. 6, Nov.-Dec. 1962

MOSCOW. VSESOIUZNAIA GOSUDARSTVENNAIA BIBLIOTEKA INOSTRANNOI LITERATURY. Khimiia; sistematicheskii ukazatel' statei v inostrannykh zhurnalakh [ALL-UNION STATE LIBRARY OF FOREIGN LITERATURE. Chemistry; Classed Index of Articles in Foreign Periodicals]. No. 10(110), 1962.

REFERATIVNYI ZHURNAL. KHIMIIA [JOURNAL OF ABSTRACTS: CHEMISTRY]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U. S S R.]. Moscow, nos. 17, 23-24, Sep., Dec 1962; Avtorskii ukazatel', 1961 g. [Author Index for 1961] II-N, vol. 3

RUSSIA (1923- U. S. S. R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii; khimiia i khimicheskaia tekhnologiia [Ministry of Higher and Secondary Specialized Education Bulletin of the Institutions of Higher Learning, Chemistry and Chemical Technology] Moscow, vol. 5, no. 4, 1962.

UKRAINSKII KHIMICHESKII ZHURNAL [UKRAINIAN CHEMICAL JOURNAL]. Issued by Akademiia nauk URSR [Academy of Sciences of the Ukrainian S. S. R.]. Kiev, vol. 28, nos. 7, 9, 1962.

*USPEKHI KHIMII [PROGRESS IN CHEMISTRY]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U. S. S. R.]. Moscow, vol. 31, no. 11, Nov. 1962.

UZBEKSKII KHIMICHESKII ZHURNAL [UZBEK CHEMICAL JOURNAL]. Issued by Akademiia nauk Uzbekskoi SSR [Academy of Sciences of the Uzbek S. S. R.]. Tashkent, vol. 6, no. 5, 1962.

VSESOIUZNOE KHIMICHESKOE OBSHCHESTVO IMENI D. I. MENDELEEVA. Zhurnal [D. I. MENDELEEV ALL-UNION CHEMICAL SOCIETY. Journal]. Moscow, vol. 7, no. 6, 1962.

*VYSOKOMOLEKULIARNYE SOEDINENIIA [MACROMOLECULAR COMPOUNDS]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U. S. S. R.]. Moscow, vol. 4, no. 12, Dec. 1962.

*ZHURNAL ANALITICHESKOI KHIMII [JOURNAL OF ANALYTICAL CHEMISTRY]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U. S. S. R.]. Moscow, vol. 17, nos. 7-8, Oct.-Nov. 1962.

*ZHURNAL NEORGANICHESKOI KHIMII [JOURNAL OF INORGANIC CHEMISTRY]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U. S. S. R.]. Moscow, vol. 7, no. 11, Nov. 1962.

ZHURNAL STRUKTURNOI KHIMII [JOURNAL OF STRUCTURAL CHEMISTRY] Issued by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.] Moscow, vol. 3, no. 6, 1962

e. MATHEMATICS

AKADEMIIA NAUK AZERBAIDZHANSKOI SSR, Baku. Vychislitel'nyi tsentr. Trudy [ACADEMY OF SCIENCES OF THE AZERBAIJAN S. S R. Computation Center. Transactions]. Baku, vol 1, 1962.

AKADEMIIA NAUK SSSR. Izvestiia. Seriia matematicheskaia [ACADEMY OF SCIENCES OF THE U S S R. Bulletin. Mathematical Series] Moscow, vol 26, no 6, Nov -Dec. 1962

AKADEMIIA NAUK SSSR Vychislitel'nyi tsentr Standartnye programmy BESM-2 [ACADEMY OF SCIENCES OF THE U S S R. Computation Center. Standard Programs for the BESM-2] Moscow, no 5, 1962

MATEMATIKA V SHKOLE [MATHEMATICS IN SCHOOLS]. Issued by Ministerstvo prosveshchenila RSFSR [Ministry of Education of the R S F S R.]. Moscow, no. 5, Sep. -Oct 1962

REFERATIVNYI ZHURNAL MATEMATIKA [JOURNAL OF ABSTRACTS MATHEMATICS] Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U S S R] Moscow, nos 8,12, *Aug , Dec* 1962

RUSSIA (1923- U S S R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovanila. Izvestiia vyshikh uchebnykh zavedenii, matematika [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning, Mathematics]. *Moscow, no. 6(31), 1962*

UKRAINSKII MATEMATICHESKII ZHURNAL [UKRAINIAN MATHEMATICAL JOURNAL]. Organ of Instytut matematiki Akademii nauk URSR [Institute of Mathematics of the Academy of Sciences of the Ukrainian S. S. R.]. Kiev, vol 14, no 4, 1962

*USPEKHI MATEMATICHESKIKH NAUK [PROGRESS IN THE MATHEMATICAL SCIENCES]. Issued by Akademiia nauk SSSR and Moskovskoe matematicheskoe obshchestvo [Academy of Sciences of the U. S S R. and the Moscow Mathematical Society] Moscow, vol 17, nos. 2(104)-3(105), 5(107), Mar. -June, Sep.- Oct 1962

f. PHYSICS

*AKADEMIIA NAUK SSSR. Izvestiia. Seriia fizicheskaia [ACADEMY OF SCIENCES OF THE U.S.S.R. Bulletin. Physical Series]. Moscow, vol. 26, no 11, Nov. 1962.

AKADEMIIA NAUK SSSR. Fizicheskii institut. Trudy [ACADEMY OF SCIENCES OF THE U. S. S R. Institute of Physics. Transactions] Moscow, vols. 17-18, 1962.

AKADEMIIA NAUK SSSR. IAkutskii filial, Yakutsk. Trudy Seriia fizicheskaia [ACADEMY OF SCIENCES OF THE U. S. S. R. Yakut Branch. Transactions. Physical Series] Moscow, no. 4, 1962.

AKADEMIIA NAUK SSSR. Institut fiziki atmosfery Trudy [ACADEMY OF SCIENCES OF THE U. S. S. R. Institute of Atmospheric Physics. Transactions]. Moscow, no 4, 1962.

CHEKHOSLOVATSKII FIZICHESKII ZHURNAL. CZECHOSLOVAK JOURNAL OF PHYSICS. Issued by Chekhoslovatskaia akademiia nauk [Czechoslovak Academy of Sciences]. Prague, vol. 12, no 12, 1962; vol. 13, no 1, 1963

* FIZIKA TVERDOGO TELA [SOLID STATE PHYSICS]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U. S S. R.] Moscow, vol. 4, nos. 10-13, *Oct. -Dec.* 1962.

FIZIKA V SHKOLE [PHYSICS IN SCHOOLS]. Organ of *Ministerstvo* prosveshchenila RSFSR [Ministry of Education of the R. S. F. S R.]. Moscow, vol. 22, no. 5, Sep. -Oct. 1962.

*KRISTALLOGRAFIIA [CRYSTALLOGRAPHY]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U. S S. R.]. Moscow, vol. 7, no. 5, Sep. -Oct. 1962.

*LENINGRAD. GLAVNAIA GEOFIZICHESKAIA OBSERVATORIIA Trudy [MAIN GEOPHYSICAL OBSERVATORY. Transactions]. No. 136, 1962.

METEOROLOGIIA I GIDROLOGIIA [METEOROLOGY AND HYDROLOGY] Issued by Glavnoe upravlenie gidrometeorologicheskoi sluzhby pri Sovete Ministrov SSSR [Main Administration of Hydrometeorological Service, Attached to the Council of Ministers of the U. S. S. R.]. Moscow, nos. 11-12, Nov. -Dec 1962.

MORSKIE GRAVIMETRICHESKIE ISSLEDOVANIIA [MARINE GRAVIMETRIC RESEARCH]. Issued by Moskovskii gosudarstvennyi universitet [Moscow State University]. Moscow, no. 1, 1961.

MOSCOW UNIVERSITET Vestnik Seriia 3. Fizika, astronomiia [UNIVERSITY Review Series 3 Physics, Astronomy] Vol 17, no 6, Nov -Dec 1962

* OPTIKA I SPEKTROSKOPIIA [OPTICS AND SPECTROSCOPY] Issued by Akademiia nauk SSSR [Academy of Sciences of the U S. S R.]. Moscow, vol. 13, no. 5, Nov. 1962.

RUSSIA (1923- U S S R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovanila. Izvestiia vyshikh uchebnykh zavedenii, fizika [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning, Physics]. Moscow, no 6, 1962

*TSENTRAL'NAIA AEROLOGICHESKAIA OBSERVATORIIA Trudy [CENTRAL AEROLOGICAL OBSERVATORY. Transactions]. Leningrad, no. 42, 1962.

UKRAINS'KYI FIZYCHNYI ZHURNAL [UKRAINIAN PHYSICAL JOURNAL]. Issued by Viddil fizyko- matematychnykh nauk Akademii nauk URSR [Department of Physical and Mathematical Sciences of the Academy of Sciences of the Ukrainian S. S. R.]. Kiev, vol 7, nos. 7, 9, 11-12, July, Sep., Nov. -Dec. 1962.

*USPEKHI FIZICHESKIKH NAUK [PROGRESS IN THE PHYSICAL SCIENCES]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U. S. S R.]. Moscow, vol. 78, no. 4, Dec. 1962

*ZHURNAL EKSPERIMENTAL'NOI I TEORETICHESKOI FIZIKI [JOURNAL OF EXPERIMENTAL AND THEORETICAL PHYSICS] Issued by Akademiia nauk SSSR [Academy of Sciences of the U. S. S. R.]. Moscow, vol 43, no 5(11), Nov. 1962

14. MEDICINE

a. GENERAL

AKADEMIIA MEDITSINSKIKH NAUK SSSR, Moscow. Vestnik [ACADEMY OF MEDICAL SCIENCES OF THE U. S. S. R Journal] Moscow, vol. 17, nos. 8-9, 1962.

* BIULLETEN' EKSPERIMENTAL'NOI BIOLOGII I MEDITSINY [BULLETIN OF EXPERIMENTAL BIOLOGY AND MEDICINE]. Issued by Akademiia meditsinskikh nauk SSSR [Academy of Medical Sciences of the U S. S. R.]. Moscow, vol. 54, no. 11, Nov. 1962.

KARDIOLOGIIA [CARDIOLOGY]. Issued by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U. S. S. R.]. Moscow, vol. 2, no. 5, Sep. -Oct. 1962. (DNLM)

KLINICHESKAIA MEDITSINA [CLINICAL MEDICINE]. Published by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U. S. S. R]. Moscow, vol. 40, nos. 9-10, Sep. - Oct., 1962. (DNLM)

*MEDITSINSKII REFERATIVNYI ZHURNAL [MEDICAL ABSTRACTS]. Issued by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U. S. S. R.]. Moscow, Razdel [Section] 1, vol. 6, no. 12, Dec. 1962, vol. 7, no. 1, Jan. 1963. Razdel [Section] 2, vol. 6, no. 12, Dec. 1962. Razdel [Section] 3, vol. 7, no. 1, Jan. 1963. Razdel [Section] 4, vol. 6, no. 12, Dec. *1962*; vol. 7, no. 1, Jan. 1963. Razdel [Section] 5, vol. 6, no. 12, Dec. 1962. Razdel [Section] 6, vol. 6, no. 12, Dec. 1962, vol. 7, no. 1, Jan. 1963. Razdel [Section] 7, vol. 6, no. 12, Dec. 1962; vol. 7, no. 1, Jan. 1963. *Razdel [Section]* 8, vol. 6, no. 12, Dec. 1962. Razdel [Section] 9, vol. 6, no. 12, Dec. 1962. Razdel [Section]10, vol. 6, no. 12, Dec. 1962.

MEDITSINSKII ZHURNAL UZBEKISTANA [MEDICAL JOURNAL OF UZBEKISTAN]. Issued by *Ministerstvo* zdravookhraneniia and Akademiia nauk UzSSR [Ministry of Health and the Academy of Sciences of Uzbek S. S. R.]. Tashkent, no. 3, Mar. 1962.

NOUKOGUDE EESTI TERVISHOID [HEALTH SERVICE OF SOVIET ESTONIA]. Organ of Eesti NSV Tervishoiu Ministeerium [Ministry of Health of the Estonian S. S. R.]. Tallinn, vol. 5, no. 6, Nov. -Dec. 1962. [In Estonian]

PROBLEMY TUBERKULEZA [PROBLEMS OF TUBERCULOSIS] Published by Ministerstvo *zdravookhraneniia* SSSR [Ministry of Health of the U. S S. R] Moscow, no 7, 1962. (DNLM)

SOVETSKOE ZDRAVOOKHRANENIE [SOVIET HEALTH SERVICE]. Issued by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U. S. S R.]. Moscow, vol. 21, no. 12, 1962

SVEIKATOS APSAUGA [HEALTH SERVICE]. Issued by LTSR Sveikatos apsaugos ministerija [Ministry of Health of the Lithuanian S S. R] Vilnius, vol. 7, no 12(84), Dec 1962; vol. 8, no. 1(85), Jan 1963 [In Lithuanian] (DNLM)

UROLOGIIA [UROLOGY]. Issued by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U. S. S. R.]. *Moscow, no 5, 1962.* (DNLM)

VESELIBA [HEALTH] Issued by Latvijas PSR Veselibas aizsardzibas ministrija [Ministry of Health of the Latvian S. S R.] Riga, no 1(50), Jan 1963 [In Latvian]

VRACHEBNOE DELO [MEDICAL PRACTICE]. Organ of Ministerstvo zdravookhraneniia USSR [Ministry of Health of the Ukrainian S. S R.]. Kiev, no. 12, Dec. *1962.*

ZDRAVOOKHRANENIE KAZAKHSTANA [HEALTH SERVICE OF KAZAKHSTAN]. Issued by *Ministerstvo* zdravookhraneniia Kazakhskoi SSR [Ministry of Health of the Kazakh S. S R]. Alma-Ata, vol. 23, no. 3, 1962. (DNLM)

ZDRAVOOKHRANENIE ROSSIISKOI FEDERATSII [HEALTH SERVICE OF THE RUSSIAN FEDERATION] Issued by Ministerstvo zdravookhraneniia RSFSR [Ministry of Health of the R. S. F S R] Moscow, vol 6, no. 11, Nov. 1962.

ZDRAVOOKHRANENIE TADZHIKISTANA [HEALTH SERVICE OF TAJIKISTAN]. Issued by Ministerstvo zdravookhraneniia Tadzhikskoi SSR [Ministry of Health of the Tajik S. S. R.] Stalinabad, vol. 9, no. 5, 1962.

b. GYNECOLOGY, OBSTETRICS & PEDIATRICS

PEDIATRIIA [PEDIATRICS]. Published by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U. S. S. R.] Moscow, vol. 41, nos. 7, 9, Sep. 1962 (DNLM)

c. NEUROLOGY & PSYCHIATRY

LENINGR [illegible]
VATEI [illegible]
Trudy [illegible]
RESEA [illegible]

MOSCOW. GOSUDARSTVENNYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT PSIKHIATRII. Trudy [STATE SCIENTIFIC RESEARCH INSTITUTE OF PSYCHIATRY. Transactions]. Moscow, vol. 25, 1961.

*ZHURNAL NEVROPATOLOGII I PSIKHIATRII [JOURNAL OF NEUROPATHOLOGY AND PSYCHIATRY]. Issued by Vsesoiuznoe obshchestvo nevropatologov i psikhiatrov [All-Union Society of Neuropathologists and Psychiatrists]. Moscow, vol. 62, no. 8, Aug. 1962.

*ZHURNAL VYSSHEI NERVNOI DEIATEL'NOSTI [JOURNAL OF THE HIGHER NERVOUS FUNCTION]. Published by Akademiia nauk SSSR [Academy of Sciences of the U. S. S. R.]. Moscow, vol. 12, no. 1, Jan. -Feb. 1962.

d. OPHTHALMOLOGY & OTORHINOLARYNGOLOGY

VESTNIK OFTALMOLOGII [REVIEW OF OPHTHALMOLOGY]. Published by Ministerstvo zdravookhraneniia *SSSR* [Ministry of Health of the U. S. S. R.]. Moscow, no 5, 1962. (DNLM)

e. PATHOLOGY & THERAPEUTICS

LABORATORNOE DELO [LABORATORY WORK]. Issued by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U. S. S. R]. Moscow, *vol. 9, no. 5, May* 1962.

* PROBLEMY GEMATOLOGII I PERELIVANIIA KROVI [PROBLEMS OF HEMATOLOGY AND BLOOD TRANSFUSION] Issued by Ministerstvo zdravookhraneniia SSR [Ministry of Health of the U S.S.R.]. Moscow, no. 9, 1962.
(DNLM)

TERAPEVTICHESKII ARKHIV [THERAPEUTIC ARCHIVES] Published by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U S.S.R.] Moscow, no. 8, 1962
(DNLM)

f. PHARMACY & MATERIA MEDICA

* ANTIBIOTIKI [ANTIBIOTICS] Issued by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U.S S.R.]. Moscow, vol. 7, no 9, Sep 1962

MEDITSINSKAIA PROMYSHLENNOST' SSSR [MEDICAL SUPPLIES INDUSTRY OF THE U.S.S.R.] Organ of Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U.S.S.R.]. Moscow, vol. 16, no. 6, June 1962

g PUBLIC HEALTH & NURSING

GIGIENA TRUDA I PROFESSIONAL'NYE ZABOLEVANIIA [LABOR HYGIENE AND OCCUPATIONAL DISEASES]. Issued by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U.S S.R.]. Moscow, vol. 6, no. 6, June 1962.
(DNLM)

h SURGERY & DENTISTRY

KHIRURGIIA [SURGERY]. Published by Ministerstvo zdravookhraneniia SSSR [Ministry of Health of the U.S.S R.]. Moscow, vol. 38, no. 10, Oct. 1962.
(DNLM)

VESTNIK KHIRURGII [REVIEW OF SURGERY]. Issued by Khirurgicheskoe obshchestvo Pirogova [Pirogov Surgical Society]. Leningrad, vol. 89, no. 9, Sep. 1962.
(DNLM)

15. AGRICULTURE

a. GENERAL

AGRIKULTURA SHI VITERITUL MOLDOVEI [AGRICULTURE AND ANIMAL HUSBANDRY OF MOLDAVIA]. Kishinev, vol. 7, no. 11, Nov 1962. [In Moldavian]
(DNAL)

ARMENIAN S.S.R. Glavnoe upravlenie sel'skokhoziaistvennykh nauk i podgotovki kadrov. Izvestiia. Sel'skokhoziaistvennye nauki [Main Administration of Agricultural Sciences and Staff Training. Bulletin. Agricultural Sciences]. Erivan, vol. 5, no. 4, 1962.

DOTNUVA. LIETUVOS ZEMDIRBYSTES INSTITUTAS. Informacinis biuletenis [LITHUANIAN INSTITUTE OF AGRICULTURE. Information Bulletin]. Vilnius, no. 7, 1962 [In Lithuanian]
(DNAL)

GIDROTEKHNIKA I MELIORATSIIA [HYDRAULIC ENGINEERING AND RECLAMATION]. Issued by Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U.S.S.R.]. Moscow, vol. 14, no. 11, Nov. 1962.

KHOCHAGH ĶISHLOĶI TOCHIKISTON [AGRICULTURE OF TAJIKISTAN]. Organ of the Ministry of Agriculture of the Tajik S.S.R. Dushanbe, vol. 16, no 12, Dec. 1962. [In Tajik.]

KOLKHOZNOE PROIZVODSTVO [COLLECTIVE FARM PRODUCTION]. Organ of Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U.S.S.R.]. Moscow, vol. 22, no. 12, Dec. 1962.

KYRGYZSTANDYN AIYL CHARBASY [AGRICULTURE OF KIRGHIZISTAN]. Issued by the Ministry of Agriculture of the Kirghiz S.S.R. Frunze, nos. 11-12, Nov.-Dec. 1962 [In Kirghiz]

MOSCOW. MOSKOVSKAIA SEL'SKOKHOZIAISTVENNAIA AKADEMIIA IM. TIMIRIAZEVA. Izvestiia [TIMIRIAZEV AGRICULTURAL ACADEMY OF MOSCOW. Bulletin]. No. 4(47), 1962.

SEL'SKAIA HASPADARKA BELARUSI [AGRICULTURE OF WHITE RUSSIA]. Issued by Ministerstvo sel'skai haspadarki Belaruskai SSR [Ministry of Agriculture of the White Russian S.S.R.]. Minsk, vol. 10, no 12(120), Dec. 1962.

SEL'SKII MEKHANIZATOR [THE RURAL MECHANIC] Issued by Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U.S.S R.]. Moscow, no. 10, 1962.

SEL'SKOE KHOZIAISTVO, sistematicheskii ukazatel' statei v inostrannykh zhurnalakh [AGRICULTURE, Classed Index of Articles in Foreign Periodicals] Issued by TSentral'naia nauchnaia sel'skokhoziaistvennaia biblioteka and Vsesoiuznaia gosudarstvennaia biblioteka inostrannoi literatury [Central Agricultural Library and the All-Union State Library of Foreign Literature] Moscow, no. 9(80), 1962

SEL'SKOE KHOZIAISTVO BELORUSSII [AGRICULTURE OF WHITE RUSSIA] Issued by Ministerstvo proizvodstva i zagotovok sel'skokhoziaistvennykh produktov Belorusskoi SSR [Ministry of the Production and Procurement of Agricultural Products of the White Russian S S R]. Minsk, vol. 10, no 12(120), Dec 1962, vol. 11, no 1(121), Jan 1963.

SEL'SKOE KHOZIAISTVO KIRGIZII [AGRICULTURE OF KIRGHIZIA]. Issued by Ministerstvo sel'skogo khoziaistva Kirgizskoi SSR [Ministry of Agriculture of the Kirghiz S.S.R]. Frunze, vol 8, no. 12, Dec 1962

SEL'SKOE KHOZIAISTVO POVOLZH'IA [AGRICULTURE OF THE VOLGA VALLEY]. Organ of Ministerstvo sel'skogo khoziaistva RSFSR [Ministry of Agriculture of the R S F.S.R.]. Saratov, vol 8, no 12, Dec 1962.

SEL'SKOE KHOZIAISTVO SEVERO-ZAPADNOI ZONY [AGRICULTURE OF THE NORTHWESTERN ZONE]. Issued by Ministerstvo sel'skogo khoziaistva RSFSR [Ministry of Agriculture of the R S F.S.R.] Leningrad, vol 5, no 12, Dec. 1962.

SEL'SKOE KHOZIAISTVO TURKMENISTANA [AGRICULTURE OF TURKMENISTAN]. Issued by Ministerstvo sel'skogo khoziaistva Turkmenskoi SSR [Ministry of Agriculture of the Turkmen S.S R] Ashkhabad, vol. 6, no 6, Nov -Dec 1962.

SOCIALISTINIS ZEMES UKIS [SOCIALIST AGRICULTURE]. Issued by Lietuvos TSR Zemes ukio ministerija [Ministry of Agriculture of the Lithuanian S S R]. Vilnius, no 12, Dec. 1962. [In Lithuanian]

SOTSIALISTICHESKOE SEL'SKOE KHOZIAISTVO AZERBAIDZHANA [SOCIALIST AGRICULTURE OF AZERBAIJAN]. Issued by Ministerstvo proizvodstva i zagotovok sel'skokhoziaistvennykh produktov Azerbaidzhanskoi SSR [Ministry of the Production and Procurement of Agricultural Products of the Azerbaijan S S R.]. Baku, vol 11, no 12, Dec. 1962.

SOTSIALISTLIK POLLUMAJANDUS [SOCIALIST AGRICULTURE]. Issued by Eesti NSV Pollumajandussaaduste Tootmise ja Varumise Ministeerium [Ministry of the Production and Procurement of Agricultural Products of the Estonian S.S.R.]. Tallinn, vol. 18, nos. 1-2, Jan. 1963 [In Estonian]

TEKHNIKA V SEL'SKOM KHOZIAISTVE [MACHINERY IN AGRICULTURE]. Issued by Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U S.S.R.] Moscow, vol. 22, no 10, Oct. 1962.

ŬZBEKISTON ĶISHLOĶ KHŬZHALIGI [AGRICULTURE OF UZBEKISTAN] Organ of Ministerstvo sel'skogo khoziaistva Uzbekskoi SSR [Ministry of Agriculture of the Uzbek S.S.R.]. Tashkent, vol 29, no. 12, Dec. 1962. [In Uzbek]

VISNYK SIL'S'KOHOSPODARS'KOI NAUKY [REVIEW OF AGRICULTURAL SCIENCE]. Issued by Ministersivo sil's'koho hospodarstva Ukrains'koi RSR [Ministry of Agricultural Sciences of the Ukrainian S S R.]. Kiev, vol. 5, nos. 10-11, Oct.-Nov. 1962.

ZEMLEDELIE I ZHIVOTNOVODSTVO MOLDAVII [AGRICULTURE AND ANIMAL HUSBANDRY OF MOLDAVIA]. Issued by Ministerstvo sel'skogo khoziaistva Moldavskoi SSR [Ministry of Agriculture of the Moldavian S.S.R.]. Kishinev, vol 7, no 11, Nov. 1962.

b. ANIMAL INDUSTRY

AKADEMIIA NAUK SSSR. Ikhtiologicheskaia komissiia. Trudy soveshchanii [ACADEMY OF SCIENCES OF THE U.S.S.R. Ichthyological Commission. Transactions of Conferences]. Moscow, no. 14, 1962.

KALININGRAD. KALININGRADSKII TEKHNICHESKII INSTITUT RYBNOI PROMYSHLENNOSTI I KHOZIAISTVA. Trudy [KALININGRAD TECHNICAL INSTITUTE OF FISHERIES. Transactions]. Vol. 12, 1961.

KHARKOV. ZOOVETERINARNYI INSTITUT. Zootekhnicheskii fakul'tet. Nauchnye trudy [ZOOTECHNICAL AND VETERINARY INSTITUTE. Faculty of Animal Husbandry Studies]. Kiev, vol. 11, 1962.
(DNAL)

KONEVODSTVO I KONNYI SPORT [HORSE BREEDING AND EQUINE SPORTS] Organ of Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U S.S.R.] Moscow, vol 32(107), nos. 11-12, Nov.-Dec 1962.
(DNAL)

KROLIKOVODSTVO I ZVEROVODSTVO [RABBIT BREEDING AND FUR FARMING]. Issued by Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U S.S.R.]. Moscow, vol 5, nos. 11-12, Nov - Dec. 1962.
(DNAL)

MOLOCHNAIA PROMYSHLENNOST' [DAIRY INDUSTRY] Issued by Gosudarstvennyi komitet Soveta Ministrov SSSR po koordinatsii nauchno-issledovatel'skikh rabot and TSentral'noe pravlenie Nauchno-tekhnicheskogo obshchestva pishchevoi promyshlennosti [State Committee of the Council of Ministers of the U.S.S R. for the Coordination of Research and the Central Administration of the Scientific Technological Society of the Food Industry]. Moscow, vol 23, no 12, Dec. 1962.

MOLOCHNOE I MIASNOE SKOTOVODSTVO [DAIRY AND BEEF CATTLE BREEDING]. Issued by Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U.S.S.R.]. Moscow, vol. 6, nos 8-11, Aug.-Nov. 1961
(DNAL)

OKHOTA I OKHOTNICH'E KHOZIAISTVO [HUNTING AND GAME MANAGEMENT] Issued by Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U.S S.R.]. Moscow, vol. 9, no. 1, 1963.

PCHELOVODSTVO [APICULTURE] Organ of Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U.S.S R.] Moscow, vol. 39, no 12, Dec. 1962.
(DNAL)

RATSIONALIZATSIIA OKHOTNICH'EGO PROMYSLA [IMPROVING COMMERCIAL HUNTING]. Moscow, no 10, 1962.

SVINOVODSTVO [SWINE BREEDING]. Issued by Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U.S.S.R.]. Moscow, vol. 16, no 11, Nov. 1962.
(DNAL)

ZHIVOTNOVODSTVO [ANIMAL HUSBANDRY]. Organ of Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U.S.S.R.]. Moscow, vol. 24, no. 9, Sep. 1962.
(DNAL)

c FORESTRY

KIEV. UKRAINS'KA AKADEMIIA SIL'S'KOHOSPODARS'KYKH NAUK. Naukovi pratsi lisohospodars'koho fakul'tetu [UKRAINIAN ACADEMY OF AGRICULTURAL SCIENCES. Studies of the Forestry Faculty]. Vol. 16, no. 8, 1960.
(DNAL)

LESNOE KHOZIAISTVO [FORESTRY]. Issued by Gosudarstvennyi komitet Soveta Ministrov SSSR po lesnoi, tsellulozno-bumazhnoi, derevoobrabatyvaiushchei promyshlennosti i lesnomu khoziaistvu [State Committee of the Council of Ministers of the U.S.S.R. for Forest, Woodpulp, Paper, and Woodworking Industries and Forestry]. Moscow, vol. 15, nos. 7, 10, July, Oct, 1962.

MASTER LESA [MASTER LUMBERMAN]. Issued by TsK Profsoiuza rabochikh lesnoi, bumazhnoi i derevoobrabatyvaiushchei promyshlennosti [Central Committee of the Trade Union of Workers of the Forest, Paper, and Woodworking Industries]. Moscow, vol. 7, no. 1, Jan. 1963.

MUSU GIRIOS [OUR FORESTS]. Issued by Lietuvos TSR Misku ukio ir misko pramones ministerija and Gamtos apsaugos komitetas prie Lietuvos TSR Ministru Tarybos [Ministry of Forestry and Lumbering of the Lithuanian S.S.R. and the Committee on Conservation, Attached to the Council of Ministers of the Lithuanian S S.R.] Vilnius, no. 1(174), Jan. 1963. [In Lithuanian]

RUSSIA (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii; lesnoi zhurnal [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Forestry Journal]. Moscow, vol. 4, no. 5, 1961.

BAKU. AZERBAIDZHANSKII NAUCHNO-ISSLEDOVATEL'SKII INSTITUT SADOVODSTVA, VINOGRADARSTVA I SUBTROPICHESKIKH KUL'TUR Trudy [SCIENTIFIC RESEARCH INSTITUTE OF HORTICULTURE, VITICULTURE, AND SUBTROPICAL CROPS Transactions] No 6, 1962
(DNAL)

KARTOFEL' I OVOSHCHI [POTATOES]. Issued by Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U.S.S.R.] Moscow, vol 7, no 12, Dec 1962
(DNAL)

KIEV. UKRAINS'KYI NAUKOVO-DOSLIDNYI INSTYTUT SADIVNYTSTVA Nauchnye trudy [UKRAINIAN SCIENTIFIC RESEARCH INSTITUTE OF HORTICULTURE Studies]. No. 36, 1962
(DNAL)

KRASNODAR. VSESOIUZNYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT TABAKA I MAKHORKI Sbornik nauchno-issledovatel'skikh rabot [ALL-UNION SCIENTIFIC RESEARCH INSTITUTE OF TOBACCO AND MAKHORKA. Collection of Research Papers]. No. 152, 1961

KUKURUZA [CORN]. Issued by Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U.S.S.R.] Moscow, vol 6, nos 5-9, March-Sep. 1961, vol 7, no 10, 1962
(DNAL)

LEN I KONOPLIA [FLAX AND HEMP] Issued by Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U.S.S.R.] Moscow, vol 7(24), no. 12, Dec. 1962
(DNAL)

MOSCOW. VSESOIUZNYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT ZERNA I PRODUKTOV EGO PERERABOTKI. Trudy [ALL-UNION SCIENTIFIC RESEARCH INSTITUTE OF GRAIN AND GRAIN PRODUCTS. Transactions]. Nos. 38-39, 1960.
(DNAL)

SELEKTSIIA I SEMENOVODSTVO [PLANT BREEDING AND SEED PRODUCTION] Issued by Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U.S.S.R.]. Moscow, vol. 27, no. 6, Nov - Dec. 1962, vol 28, no 1, Jan.-Feb. 1963

SEL'SKOE KHOZIAISTVO ZA RUBEZHOM: RASTENIEVODSTVO [AGRICULTURE ABROAD PLANT CULTURE] Issued by Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U.S.S.R.]. Moscow, vol 8, no 12, 1962.
(DNAL)

SUKHUM OPYTNAIA STANTSIIA EFIROMASLICHNYKH KUL'TUR. Trudy [EXPERIMENT STATION OF ESSENTIAL OIL CROPS. Transactions] Nos. 3/4, 1961.

TORZHOK. VSESOIUZNYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT L'NA. Trudy [ALL-UNION SCIENTIFIC RESEARCH INSTITUTE OF FLAX. Transactions]. Moscow, no. 4, 1955, no. 5, 1958.

TRUDY PO PRIKLADNOI BOTANIKE, GENETIKE I SELEKTSII [PAPERS ON APPLIED BOTANY, GENETICS, AND PLANT BREEDING] Issued by Vsesoiuznyi institut rastenievodstva [All-Union Institute of Plant Culture]. Leningrad, vol. 34, no. 2, 1961.

TSVETOVODSTVO [FLORICULTURE]. Issued by Ministerstvo sel'skogo khoziaistva SSSR [Ministry of Agriculture of the U.S.S.R.]. Moscow, vol. 5,

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16. TECHNOLOGY

a. GENERAL

AKADEMIIA NAUK ARMIANSKOI SSR, Erivan Izvestiia. Seriia tekhnicheskikh nauk [ACADEMY OF SCIENCES OF THE ARMENIAN S.S.R. Bulletin. Series in the Technological Sciences] Erivan, vol. 15, no. 5, 1962.

BEZOPASNOST' TRUDA V PROMYSHLENNOSTI [INDUSTRIAL SAFETY] Organ of Komitet po nadzoru za bezopasnym vedeniem rabot v promyshlennosti i gornomu nadzoru pri Sovete Ministrov RSFSR [Committee for Safety Inspection in Industry and Mining, Attached to the Council of Ministers of the R.S.F.S.R.] Moscow, vol 6, no. 12, Dec. 1962

*BIULLETEN' IZOBRETENII [BULLETIN ON INVENTIONS]. Issued by Komitet po delam izobretenii i otkrytii pri Sovete Ministrov SSSR [Committee on Inventions and Discoveries, Attached to the Council of Ministers of the U.S.S.R.] Moscow, vol. 39, nos. 21, 23, Nov -Dec 1962.

INFORMATSIONNYI UKAZATEL' STANDARTOV [INFORMATION INDEX OF STANDARDS]. Published by Gosudarstvennoe izdatel'stvo po standartizatsii [State Publishing House on Standardization] Moscow, vol. 23, nos. 10-11, 1962.

*INZHENERNO-FIZICHESKII ZHURNAL [JOURNAL OF ENGINEERING PHYSICS] Issued by Akademiia nauk BSSR [Academy of Sciences of the White Russian S.S.R.]. Minsk, vol. 5, nos. 6, 10, June, Oct. 1962.

IUNYI TEKHNIK [YOUNG TECHNICIAN]. Issued by TsK VLKSM and TSentral'nyi Sovet pionerskoi organizatsii imeni V.I. Lenina [Central Committee of the All-Union Communist Youth League of Lenin and the Central Council of the Lenin Pioneers]. Moscow, vol. 7, no. 11, Nov. 1962.

*IZMERITEL'NAIA TEKHNIKA [MEASUREMENT TECHNIQUES]. Issued by Komitet standartov, mer i izmeritel'nykh priborov pri Sovete Ministrov SSSR [Committee of Standards, Measures, and Measuring Instruments, Attached to the Council of Ministers of the U.S.S.R.]. Moscow, no. 12, Dec. 1962.

IZOBRETATEL' I RATSIONALIZATOR [INVENTOR AND EFFICIENCY PROMOTER]. Issued by Vsesoiuznoe obshchestvo izobretatelei i ratsionalizatorov [All-Union Society of Inventors and Efficiency Promoters]. Moscow, nos. 11-12, Nov.-Dec. 1962.

LENINGRAD. POLITEKHNICHESKII INSTITUT. Trudy [POLYTECHNIC INSTITUTE. Transactions]. No. 219, 1962.

MOKSLAS IR TECHNIKA [SCIENCE AND TECHNOLOGY] Issued by Lietuvos TSR Ministru Tarybos Valstybinis mokslinio tyrimo darbu koordinavimo komitetas [State Committee of the Council of Ministers of the Lithuanian S.S.R. for the Coordination of Research] and others Kaunas, no. 1, Jan 1963. [In Lithuanian]

NAUKA I TEKHNIKA [SCIENCE AND TECHNOLOGY]. Issued by Nauchno-tekhnicheskii komitet Soveta Ministrov Latviiskoi SSR [Scientific and Technical Committee of the Council of Ministers of the Latvian S.S.R.] and others Riga, nos. 11(28)-12 (29), Nov -Dec 1962.

NOVOCHERKASSK. POLITEKHNICHESKII INSTITUT. Trudy [POLYTECHNIC INSTITUTE. Transactions]. Erivan, vol. 126, 1962.

NOVYE KNIGI ZA RUBEZHOM. Seriia B: Tekhnika [NEW FOREIGN BOOKS Series B Technology]. Published by Izdatel'stvo inostrannoi literatury [Publishing House of Foreign Literature]. Moscow, vol. 7, no 1, Jan 1963.

PROFESSIONAL'NO-TEKHNICHESKOE OBRAZOVANIE [VOCATIONAL TECHNICAL EDUCATION]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po professional'no-tekhnicheskomu obrazovaniiu [State Committee of the Council of Ministers of the U.S.S.R. for Vocational Technical Education]. Moscow, vol. 19, nos. 7(206)-8(207), July-Aug. 1962.

PROMYSHLENNOST' ARMENII [INDUSTRY OF ARMENIA]. Issued by Sovet narodnogo khoziaistva Armianskoi SSR [Economic Council of the Armenian S.S.R.]. Erivan, vol. 5, no. 11, Nov. 1962.

RUSSIA (1923- U.S.S.R.) Komitet standartov, mer i izmeritel'nykh priborov Trudy Institutov Komiteta [Committee of Standards, Measures, and Measuring Instruments. Transactions of the Institutes of the Committee]. Moscow, no 47(107), 1961. Issledovaniia v oblasti lineinykh i uglovykh izmerenii [Research in the Field of Linear and Angular Measurements] no 49(109), 1960 Soobshcheniia nauchno-issledovatel'skikh institutov Komiteta standartov, mer i izmeritel'nykh priborov SSSR Konsul'tativnomu komitetu po termometrii [Reports of the Research Institutes of the Committee on Standards, Measures, and Measuring Instruments of the U.S.S.R. to the Advisory Committee on Thermometry], no. 56(116), 1961 Issledovaniia v oblasti opticheskikh izmerenii i izmerenii lucheistoi energii [Research in the Field of Optical and Radiant Energy Measurements].

STANDARTIZATSIIA [STANDARDIZATION] Izdatel'stvo Komitet standartov, mer i izmeritel'nykh priborov pri Sovete Ministrov SSSR [Committee of Standards, Measures, and Measuring Instruments, Attached to the Council of Ministers of the U.S.S.R.] Moscow, vol. 26, nos 11-12, Nov.-Dec. 1962

TEHNIKA JA TOOTMINE [TECHNOLOGY AND PRODUCTION] Issued by Eesti NSV Ministrite Nõukogu Riiklik Teaduslik-Tehniline Komitee and Eesti NSV Ametiühingute Nõukogu [State Scientific Technological Committee of the Council of Ministers of the Estonian S.S.R. and the Council of Trade Unions of the Estonian S.S.R.]. Tallinn, vol 7, no. 1, Jan 1963. [In Estonian]

TEKHNIKA - MOLODEZHI [TECHNOLOGY FOR YOUTH] Issued by TSentral'nyi komitet Vsesoiuznogo Leninskogo kommunisticheskogo soiuza molodezhi [Central Committee of the All-Union Communist Youth League of Lenin]. Moscow, vol. 30, no. 10, 1962

TIFLIS. GRUZINSKII POLITEKHNICHESKII INSTITUT Trudy [GEORGIAN POLYTECHNIC INSTITUTE Transactions]. No 5(76), 1961.

b. AERONAUTICS

KRYL'IA RODINY [WINGS OF THE MOTHERLAND] Issued by Vsesoiuznoe dobrovol'noe obshchestvo sodeistviia armii, aviatsii i flotu [All-Union Voluntary Society for Assistance to the Army, Air Force, and Navy]. Moscow, vol. 13, no. 11, Nov. 1962

KUYBYSHEV. AVIATSIONNYI INSTITUT. Trudy [AVIATION NAUTICAL INSTITUTE. Transactions] No 41, 1962

MOSCOW. AVIATSIONNYI INSTITUT. Trudy [AVIATION NAUTICAL INSTITUTE. Transactions]. Nos. 114, 115, 1962.

REFERATIVNYI ZHURNAL. OTDEL'NYI VYPUSK 41 RAKETNAIA TEKHNIKA I APPARATY KOSMICHESKOGO POLETA [JOURNAL OF ABSTRACTS. SEPARATE ISSUE 41: ROCKET ENGINEERING AND SPACE FLIGHT EQUIPMENT]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 24, Dec. 1962

VOPROSY RAKETNOI TEKHNIKI; sbornik perevodov i obzorov inostrannoi periodicheskoi literatury [PROBLEMS OF ROCKET ENGINEERING, Translations and Surveys of Foreign Periodical Literature] Published by Izd-vo inostrannoi lit-ry [Publishing House of Foreign Literature]. Moscow, vol. 12, no. 12, 1962.

c. CHEMICAL TECHNOLOGY

GIDROLIZNAIA I LESOKHIMICHESKAIA PROMYSHLENNOST' [HYDROLYSIS AND WOOD CHEMISTRY INDUSTRY] Issued by Gosudarstvennyi komitet Soveta Ministrov SSSR po lesnoi, tsellyulozno-bumazhnoi, derevoobrabatyvaiushchei promyshlennosti i lesnomu khoziaistvu and TSentral'noe pravlenie NTO bumazhnoi i derevoobrabatyvaiushchei promyshlennosti [State Committee of the Council of Ministers of the U.S.S.R. for the Forest, Woodpulp, Paper, and Woodworking Industries and Forestry, and the Central Administration of the Scientific Technological Society of the Paper and Woodworking Industries]. Moscow, vol. 15, no. 8, 1962.

*KAUCHUK I REZINA [CRUDE AND VULCANIZED RUBBER]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po khimii and Vsesoiuznoe khimicheskoe obshchestvo [State Committee of the Council of Ministers of the U.S.S.R. for Chemistry and the All-Union Chemical Society]. Vol. 21, no. 11, 1962.

KHIMICHESKAIA PROMYSHLENNOST' [CHEMICAL INDUSTRIES] Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po khimii [State Committee of the Council of Ministers of the U.S.S.R. on Chemistry]. Moscow, no 10, Oct. 1962

KHIMIIA I TEKHNOLOGIIA TOPLIV I MASEL [CHEMISTRY AND TECHNOLOGY OF FUEL AND OIL]. Issued by Gosudarstvennyi komitet Soveta Ministrov SSSR po toplivnoi promyshlennosti [State Committee of the Council of Ministers of the U.S.S.R. for the Fuel Industry] and others. Moscow, vol. 7, no. 11, Nov 1962.

* KOKS I KHIMIIA [COKE AND CHEMISTRY]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po chernoi i tsvetnoi metallurgii [State Committee of the Council of Ministers of the U.S.S.R. for Ferrous and Nonferrous Metallurgy] and others. Moscow, no. 11, 1962.

KONSERVNAIA I OVOSHCHESUSHIL'NAIA PROMYSHLENNOST' [THE CANNING AND DEHYDRATED VEGETABLE INDUSTRY]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po koordinatsii nauchno-issledovatel'skikh rabot and Tsentral'noe pravlenie Nauchno-tekhnicheskogo obshchestva pishchevoi promyshlennosti [State Committee of the Council of Ministers of the U.S.S.R. for the Coordination of Research and the Central Administration of the Scientific Technological Society of the Food Industry] Moscow, vol 17, no. 12, Dec. 1962.

MASLOBOINO-ZHIROVAIA PROMYSHLENNOST' [OILS AND FATS INDUSTRY]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po koordinatsii nauchno-issledovatel'skikh rabot and TSentral'noe pravlenie Nauchno-tekhnicheskogo obshchestva pishchevoi promyshlennosti [State Committee of the Council of Ministers of the U.S.S.R. for the Coordination of Research and the Central Administration of the Scientific Technological Society of the Food Industry]. Moscow, vol 20, no 11, Nov. 1962.

REFERATIVNYI ZHURNAL. OTDEL'NYI VYPUSK 34 KOMPRESSORY I KHOLODIL'NAIA TEKHNIKA [JOURNAL OF ABSTRACTS. SEPARATE ISSUE 34 COMPRESSORS AND REFRIGERATION ENGINEERING] Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.] Moscow, no. 24, Dec 1962.

REFERATIVNYI ZHURNAL. OTDEL'NYI VYPUSK 47 KHIMICHESKOE MASHINOSTROENIE [JOURNAL OF ABSTRACTS. SEPARATE ISSUE 47 CHEMICAL MACHINERY MANUFACTURE] Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 19, Oct. 1962.

* STEKLO I KERAMIKA [GLASS AND CERAMICS]. Issued by Gosudarstvennyi komitet Soveta Ministrov SSSR po delam stroitel'stva [State Committee of the Council of Ministers of the U.S.S.R. for Construction]. Moscow, vol. 19, no. 11, Nov. 1962.

VSESOIUZNYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT PRIRODNYKH GAZOV. Trudy [ALL-UNION SCIENTIFIC RESEARCH INSTITUTE OF NATURAL GAS. Transactions]. Moscow, no. 17(25), 1962.

ZHURNAL NAUCHNOI I PRIKLADNOI FOTOGRAFII I KINEMATOGRAFII [JOURNAL OF SCIENTIFIC AND APPLIED PHOTOGRAPHY AND CINEMATOGRAPHY]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol 7, no. 6, Nov.-Dec. 1962.

* ZHURNAL PRIKLADNOI KHIMII [JOURNAL OF APPLIED CHEMISTRY]. Issued by Akademiia nauk SSSR [Academy of Sciences of the U.S.S.R.]. Moscow, vol. 35, nos. 10-11, Oct.-Nov. 1962.

d. CIVIL & CONSTRUCTION ENGINEERING

AKADEMIIA STROITEL'STVA I ARKHITEKTURY SSSR. Institut osnovanii i podzemnykh sooruzhenii. (Trudy) [ACADEMY OF CONSTRUCTION AND ARCHITECTURE OF THE U.S.S.R. Institute of Foundations and Underground Construction. (Transactions)] Moscow, no. 49, 1962.

AKADEMIIA STROITEL'STVA I ARKHITEKTURY SSSR. TSentral'nyi institut nauchnoi informatsii po stroitel'stvu i arkhitekture. Opyt zarubezhnogo stroitel'stva [ACADEMY OF CONSTRUCTION AND ARCHITECTURE OF THE U.S.S.R. Central Institute of Scientific Information on Construction and Architecture. Construction Practice Abroad]. Moscow, no. 5, 1962.

AVTOMOBIL'NYE DOROGI [HIGHWAYS]. Issued by Ministerstvo transportnogo stroitel'stva SSSR [Ministry of Construction for the Transportation Industry of the U.S.S.R.]. Moscow, vol. 25, no 11(241), Nov. 1962.

BETON I ZHELEZOBETON [CONCRETE AND REINFORCED CONCRETE]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po delam stroitel'stva [State Committee of the Council of Ministers of the U.S.S.R. for Construction]. Moscow, vol. 8, no 9, Sep 1962

BUDIVEL'NI MATERIALY I KONSTRUKTSII [BUILDING MATERIALS AND CONSTRUCTION ELEMENTS] Issued by Derzhavnyi komitet Rady Ministriv URSR v spravakh budivnytstva and Akademiia budivnytstva i arkhitektury URSR [State Committee of the Council of Ministers of the U.S.S.R. for Construction and the Academy of Construction and Architecture of the Ukrainian S.S.R.] Kiev, vol. 4, no 6(19), Nov - Dec 1962.

[illegible] [illegible] for the U.S.S.R.]. Moscow, vol. 33, no. 10, Oct 1962

GORODSKOE KHOZIAISTVO MOSKVY [MUNICIPAL ECONOMY OF MOSCOW]. Organ of Ispolkom Moskovskogo gorodskogo soveta deputatov trudiashchikhsia [Executive Committee of the Moscow City Soviet of Workers' Deputies]. Moscow, vol. 36, nos. 10-11, Oct.-Nov. 1962.

LENINGRAD. INSTITUT INZHENEROV ZHELEZNODOROZHNOGO TRANSPORTA. Trudy [INSTITUTE OF RAILROAD TRANSPORTATION ENGINEERS. Transactions]. Moscow, no. 175, 1961; no. 193, 1962

MEKHANIZATSIIA STROITEL'STVA [MECHANIZATION OF CONSTRUCTION]. Issued by Gosudarstvennyi komitet Soveta Ministrov SSSR po delam stroitel'stva and TSentral'noe pravlenie Nauchno-tekhnicheskogo obshchestva stroitel'noi industrii [State Committee of the Council of Ministers of the U.S.S.R. for Construction and the Central Administration of the Scientific Technological Society of the Construction Industry]. Moscow, vol. 19, nos. 10, 12, Oct., Dec. 1962

MONTAZHNYE I SPETSIALIZIROVANNYE RABOTY V STROITEL'STVE [ASSEMBLING AND SPECIALIZED OPERATIONS IN CONSTRUCTION]. Organ of Ministerstvo stroitel'stva RSFSR and TSentral'noe pravlenie Nauchno-tekhnicheskogo obshchestva stroitel'noi industrii [Ministry of Construction of the R.S.F.S.R. and the Central Administration of the Scientific Technological Society of the Building Industry]. Moscow, vol. 24, nos. 11-12, Nov.-Dec. 1962.

MOSCOW. GOSUDARSTVENNYI INSTITUT PO PROEKTIROVANIIU, ISSLEDOVANIIU I ISPYTANIIU STAL'NYKH KONSTRUKTSII I MOSTOV. Materialy po metallicheskim konstruktsiiam [STATE INSTITUTE FOR THE DESIGN, STUDY, AND TESTING OF STEEL STRUCTURES AND BRIDGES. Materials on Metallic Structures]. No. 6, 1962.

MOSCOW. NAUCHNO-ISSLEDOVATEL'SKII INSTITUT ASBESTA, SLIUDY, ASBESTOTSEMENTNYKH IZDELII I PROEKTIROVANIIA STROITEL'STVA PREDPRIIATII SLIUDIANOI PROMYSHLENNOSTI. Trudy [SCIENTIFIC RESEARCH INSTITUTE OF ASBESTOS, MICA, ASBESTOS-CEMENT PRODUCTS, AND FOR THE DESIGN OF PLANTS FOR THE MICA INDUSTRY. Transactions]. No. 13, 1962.

NA STROIKAKH ROSSII [AT RUSSIAN CONSTRUCTION PROJECTS]. Organ of Gosudarstvennyi komitet Soveta Ministrov RSFSR po delam stroitel'stva [State Committee of the Council of Ministers of the R.S.F.S.R.]. Moscow, vol. 3, nos. 8-9, Aug.-Sep. 1962.

OSNOVANIIA, FUNDAMENTY I MEKHANIKA GRUNTOV [FOUNDATIONS AND SOIL MECHANICS]. Issued by Gosudarstvennyi komitet Soveta Ministrov SSSR po delam stroitel'stva [State Committee of the Council of Ministers of the U.S.S.R. for Construction]. Moscow, vol. 4, no. 5, 1962.

PROMYSHLENNOE STROITEL'STVO [INDUSTRIAL CONSTRUCTION]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po delam stroitel'stva and TSentral'noe pravlenie Nauchno-tekhnicheskogo obshchestva stroitel'noi industrii [State Committee of the Council of Ministers of the U.S.S.R. for Construction and the Central Administration of the Scientific Technological Society of the Building Industry]. Moscow, vol. 40, nos. 10-12, 1962.

SEL'SKOE STROITEL'STVO [RURAL CONSTRUCTION]. Organ of Gosudarstvennyi komitet Soveta Ministrov RSFSR po delam stroitel'stva [State Committee of the Council of Ministers of the R.S.F.S.R. for Construction] Moscow, vol. 16, nos 2(148), 11(157), Feb., Nov. 1962.

——— Prilozhenie [Supplement] Nos. 1(7), 6(12), 1962

SIL'S'KE BUDIVNYTSTVO [RURAL CONSTRUCTION]. Issued by Ministerstvo vyrobnytstva i zahotivel' sil's'kohospodars'kykh produktiv Ukrains'koi RSR [Ministry of Production and Procurement of Agricultural Products of the Ukrainian S.S.R.] Kiev, vol. 12, no. 11, Nov 1962

STROITEL' [THE BUILDER]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po delam stroitel'stva and TSentral'nyi komitet Profsoiuza rabochikh stroitel'stva i promyshlennosti stroitel'nykh materialov [State Committee of the Council of Ministers of the U.S.S.R. for Construction and the Central Committee of the Trade Union of Construction and Building Materials Workers]. Moscow, vol 8, no 9, Sep. 1962.

STROITEL'NYE MATERIALY [BUILDING MATERIALS]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po delam stroitel'stva [State Committee of the Council of Ministers of the U.S.S.R. for Construction]. Moscow, vol. 8, no. 11, Nov 1962.

TRANSPORTNOE STROITEL'STVO [CONSTRUCTION FOR THE TRANSPORTATION INDUSTRY] Organ of Ministerstvo transportnogo stroitel'stva SSSR [Ministry of Construction for the Transportation Industry of the U.S.S.R.] Moscow, vol. 12, nos 10-11, Oct.-Nov. 1962

* TSEMENT [CEMENT] Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po delam stroitel'stva [State Committee of the Council of Ministers of the U.S.S.R. for Construction] Moscow, vol 28, no 6, Nov.-Dec 1962.

VODOSNABZHENIE I SANITARNAIA TEKHNIKA [WATER SUPPLY AND SANITARY ENGINEERING] Issued by Gosudarstvennyi komitet Soveta Ministrov SSSR po delam stroitel'stva [State Committee of the Council of Ministers of the U.S.S.R. for Construction] Moscow, nos. 9-11, Oct.-Nov 1962

VSESOIUZNYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT NOVYKH STROITEL'NYKH MATERIALOV Sbornik trudov [ALL-UNION SCIENTIFIC RESEARCH INSTITUTE OF NEW BUILDING MATERIALS. Collected Papers]. Moscow, no 6, 1962.

ZHILISHCHNO-KOMMUNAL'NOE KHOZIAISTVO [COMMUNAL HOUSING AND SERVICES] Issued by Ministerstvo kommunal'nogo khoziaistva RSFSR and TsK profsoiuza rabochikh mestnoi promyshlennosti i kommunal'nogo khoziaistva [Ministry of Communal Economy of the Trade Union of Workers of Local Industries and Communal Economy]. Moscow, vol. 12, no. 6, June 1962.

e. ELECTRICAL ENGINEERING

ANNOTIROVANNYI UKAZATEL' LITERATURY PO RADIOELEKTRONIKE [ANNOTATED BIBLIOGRAPHY ON ELECTRONICS] Moscow, vol. 18, nos 23-24, 1962.

* ATOMNAIA ENERGIIA [ATOMIC ENERGY] Issued by Akademiia nauk SSSR and Gosudarstvennyi komitet Soveta Ministrov SSSR po ispol'zovaniiu atomnoi energii [Academy of Sciences of the U.S.S.R. and the State Committee on the Use of Atomic Energy of the Council of Ministers of the U.S.S.R.]. Moscow, vol. 13, no. 6, Dec. 1962

ATOMNAIA TEKHNIKA ZA RUBEZHOM [NUCLEAR ENGINEERING ABROAD]. Issued by Gosudarstvennyi Komitet Soveta Ministrov SSSR po ispol'zovaniiu atomnoi energii [State Committee of the Council of Ministers of the U.S.S.R. for the Utilization of Atomic Energy]. Moscow, vol. 6, nos. 11-12, Nov.-Dec. 1962.

* AVTOMATIKA I TELEMEKHANIKA [AUTOMATIC AND REMOTE CONTROL]. Issued by Institut avtomatiki i telemekhaniki Akademii nauk SSSR [Institute of Automatic and Remote Control of the Academy of Sciences of the U.S.S.R.]. Moscow, vol. 23, no. 12, Dec. 1962.

ELEKTRICHESKIE STANTSII [ELECTRIC POWER STATIONS]. Organ of Gosplan SSSR [State Planning Commission of the U.S.S.R.] and others. Moscow, vol. 33, no. 11, Nov. 1962.

ELEKTRICHESTVO [ELECTRICITY]. Organ of Akademiia nauk SSSR [Academy of Sciences of the U. S. S. R.] and others. Moscow, nos. 10, 12, Oct -Dec. 1962

ENERGETIK [ELECTRIC POWER TECHNICIAN] Issued by Gosudarstvennyi komitet Soveta Ministrov SSSR po koordinatsii nauchno-issledovatel'skikh rabot and TSentral'nyi Komitet Profsoiuza rabochikh elektrostantsii i elektropromyshlennosti [State Committee of the Council of Ministers of the U S S. R. on the Coordination of Research and the Central Committee of the Trade Union of Workers of Electric Power Stations and the Electrical Industry]. Moscow, vol 10, nos. 10-11, Oct. -Nov. 1962.

ENERGOKHOZIAISTVO ZA RUBEZHOM, prilozhenie k zhurnalu "Elektricheskie stantsii" [ELECTRIC POWER PRODUCTION AND UTILIZATION IN FOREIGN COUNTRIES, Supplement to the periodical "Electric Power Stations"] Issued by Gosudarstvennoe energeticheskoe izdatel'stvo [State Power Engineering Publishing House] Moscow, no 3, May-June 1962.

LATVIJAS PADOMJU SOCIALISTISKAS REPUBLIKAS ZINATNU AKADEMIJA. Energetikas instituts Trudy Instituta energetiki Akademii nauk Latviiskoi SSR [ACADEMY OF SCIENCES OF THE LATVIAN S S. R Institute of Power Engineering Transactions] Riga, vol. 13, 1962

NAUCHNO-ISSLEDOVATEL'SKII INSTITUT POSTOIANNOGO TOKA. Izvestiia [DIRECT CURRENT SCIENTIFIC RESEARCH INSTITUTE Bulletin] Moscow, no 9, 1962.

PROMYSHLENNAIA ENERGETIKA [INDUSTRIAL POWER]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po koordinatsii nauchno-issledovatel'skikh rabot and Nauchno-tekhnicheskoe obshchestvo energeticheskoi promyshlennosti [State Committee of the Council of Ministers of the U. S. S. R. for the Coordination of Research and Scientific Technological Society of the Power Industry]. Moscow, vol 17, no. 11, Nov 1962.

RADIO [RADIO] Organ of Ministerstvo sviazi SSSR and Vsesoiuznoe dobrovol'noe obshchestvo sodeistviia armii, aviatsii i flotu [Ministry of Communication of the U S S R, and of the All-Union Volunteer Society for Assistance to the Army, Air Force, and Navy]. Moscow, no 11, Nov. 1962

RADIOTEKHNIKA [RADIO ENGINEERING]. Organ of Nauchno-tekhnicheskoe obshchestvo radiotekhniki i elektrosviazi im. A. S. Popova [A. S. Popov Scientific Technological Society of Radio Engineering and Telecommunications]. Moscow, vol. 17, no. 12, Dec. 1962.

RUSSIA (1923- U S S. R.) Ministerstvo vysshego i [illegible] Engineering] Moscow, vol. 5, no. 11, Nov. 1962.

VESTNIK ELEKTROPROMYSHLENNOSTI [REVIEW OF THE ELECTRICAL INDUSTRY]. Issued by Gosudarstvennyi komitet Soveta Ministrov SSSR po koordinatsii nauchno-issledovatel'skikh rabot [State Committee of the Council of Ministers of the U.S.S.R. on the Coordination of Research] and others. Moscow, vol 33, no. 12, Dec 1962.

ZARUBEZHNAIA RADIOELEKTRONIKA [RADIO ELECTRONICS ABROAD] Moscow, vol 17, no 12, Dec. 1962.

f. INDUSTRIES & TRADES

BUMAZHNAIA PROMYSHLENNOST' [PAPER INDUSTRY]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po lesnoi, tsellyulozno-bumazhnoi, derevoobrabatyvaiushchei promyshlennosti i lesnomu khoziaistvu and TSentral'noe pravlenie NTO bumazhnoi i derevoobrabatyvaiushchei promyshlennosti [State Committee of the Council of Ministers of the U, S, S, R. for the Forest, Woodpulp, Paper, and Woodworking Industries and Forestry, and the Central Administration of the Scientific Technological Society of the Paper and Woodworking Industry]. Moscow, vol. 37, no. 11, Nov. 1962.

* DEREVOOBRABATYVAIUSHCHAIA PROMYSHLENNOST' [WOODWORKING INDUSTRY]. Issued by Gosudarstvennyi komitet Soveta Ministrov SSSR po lesnoi, tsellyulozno-bumazhnoi, derevoobrabatyvaiushchei promyshlennosti i lesnomu khoziaistvu and TSentral'noe pravlenie NTO bumazhnoi i derevoobrabatyvaiushchei promyshlennosti [State Committee of the Council of Ministers of the U. S. S. R. for the Forest, Woodpulp, Paper, and Woodworking Industries and Forestry, and the Central Administration of the Scientific Technological Society of the Paper and Woodworking Industry]. Moscow, vol. 11, no. 11, Nov. 1962.

LENINGRAD LESOTEKHNICHESKAIA AKADEMIIA Nauchnye trudy [ACADEMY OF WOOD TECHNOLOGY. Studies] No 91, 1960, no. 98, 1962.

LITERATURA PO LESNOI I BUMAZHNOI PROMYSHLENNOSTI [LITERATURE ON FOREST AND PAPER INDUSTRIES] Issued by TSentral'naia nauchno-tekhnicheskaia biblioteka lesnoi i bumazhnoi promyshlennosti [Central Scientific and Technical Library of Forest and Paper Industries] Moscow, nos 60, 63, 1962

MIASNAIA INDUSTRIIA SSSR [MEAT INDUSTRY OF THE U.S.S.R.]. Issued by Gosudarstvennyi komitet Soveta Ministrov SSSR po koordinatsii nauchno-issledovatel'skikh rabot and TSentral'noe pravlenie NTO pishchevoi promyshlennosti [State Committee of the Council of Ministers of the U.S.S.R. on the Coordination of Research and the Central Administration of the Scientific Technological Society of the Food Industry] Moscow, vol 33, no 5, 1962.

MINSK BELORUSSKII LESOTEKHNICHESKII INSTITUT. Sbornik nauchnykh trudov [WHITE RUSSIAN INSTITUTE OF WOOD TECHNOLOGY Collection of Scientific Papers]. No. 11, 1958.

MOSCOW. TSENTRAL'NYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT KOZHEVENNO-OBUVNOI PROMYSHLENNOSTI Nauchno-issledovatel'skie trudy [CENTRAL SCIENTIFIC RESEARCH INSTITUTE OF THE LEATHER-FOOTWEAR INDUSTRY. Scientific Research Papers]. No. 32, 1960.

NOVOSTI TEKHNICHESKOI LITERATURY Seriia "Pishchevaia promyshlennost'" [NEWS OF TECHNOLOGICAL LITERATURE Series "Food Industry"] Issued by Gosudarstvennaia publichnaia nauchno-tekhnicheskaia biblioteka SSSR [State Public Technological Library of the U S S. R] Moscow, no 12, 1961

SHVEINAIA PROMYSHLENNOST' [CLOTHING INDUSTRY]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po koordinatsii nauchno-issledovatel'skikh rabot and TSentral'noe pravlenie Nauchno-tekhnicheskogo obshchestva legkoi promyshlennosti [State Committee of the Council of Ministers of the U. S. S. R on the Coordination of Research and the Central Administration of the Scientific Technological Society of Light Industry]. Moscow, no. 6, Nov. -Dec. 1962.

* SVAROCHNOE PROIZVODSTVO [WELDING PRACTICE]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po koordinatsii nauchno-issledovatel'skikh rabot [State Committee of the Council of Ministers of the U. S. S. R on the Coordination of Research] and others. Moscow, nos. 5(305), 9(309), 11(311) - 12(312), May, Sep., Nov. -Dec. 1962.

g. MECHANICAL ENGINEERING

AKADEMIIA NAUK SSSR. Izvestiia Otdelenie tekhnicheskikh nauk, Mekhanika i mashinostroenie [ACADEMY OF SCIENCES OF THE U. S. S. R. Bulletin, Department of Technological Sciences Mechanics and Machine Building]. Moscow, no. 6, Nov. -Dec. 1962.

AKADEMIIA NAUK URSR, Kiev. Institut mashynoznavstva i avtomatyky. Naukhnye zapiski. Seriia mashinovedeniia [ACADEMY OF SCIENCES OF THE UKRAINIAN S. S. R. Institute of Machinery and Automatics. Studies. Series in Mechanical Engineering]. Kiev, vol 9, 1962. Voprosy mashinovedeniia i prochnosti v mashinostroenii [Problems in Mechanical Engineering and Durability in Machinery Manufacture], no 6.

AKADEMIIA NAUK URSR, Kiev. Laboratoriia hidravlichnykh mashyn. Sbornik trudov [ACADEMY OF SCIENCES OF THE UKRAINIAN S. S. R. Laboratory of Hydraulic Machinery. Collected Papers]. Kiev, no. 10, 1962.

AVTOMOBIL'NYI TRANSPORT [AUTOMOTIVE TRANSPORTATION]. Organ of Ministerstvo avtomobil'nogo transporta i shosseinykh dorog RSFSR and TSentral'nyi komitet Profsoiuza rabotnikov sviazi, rabochikh avtomobil'nogo transporta i shosseinykh dorog [Ministry of Automotive Transport and Highways of the R, S F, S. R. and the Central Committee of the Trade Union of Communication, Automotive Transport, and Highway Workers]. Moscow, vol. 40, nos. 11-12, Nov. -Dec. 1962.

KHARKOV. INSTYTUT INZHENERIV ZALIZNYCHNOHO TRANSPORTU. Trudy [INSTITUTE OF ENGINEERS OF RAILROAD TRANSPORTATION. Transactions]. Moscow, nos. 46, 49-50, 1961.

KUZNECHNO-SHTAMPOVOCHNOE PROIZVODSTVO [FORGING AND STAMPING]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po avtomatizatsii i mashinostroeniiu and Nauchno-tekhnicheskoe obshchestvo mashinostroitel'noi promyshlennosti [State Committee of the Council of Ministers of the U.S.S.R. for Automation and Machinery Manufacture and the Scientific Technological Society of the Machinery Industry]. Moscow, vol. 4, no. 10, Oct. 1962.

MASHINOSTROITEL' [MACHINE BUILDER]. Organ of Nauchno-tekhnicheskoe obshchestvo mashinostroitel'noi promyshlennosti [Scientific-Technological Society of the Machinery Manufacturing Industry]. Moscow, no. 11, Nov. 1962.

MEKHANIKA; periodicheskii sbornik perevodov inostrannykh statei [MECHANICS; Translations of Foreign Articles]. Published by Izd-vo inostrannoi lit-ry [Publishing House of Foreign Literature]. Moscow, vol. 13, no. 6(76), 1962.

MEKHANIZATSIIA I AVTOMATIZATSIIA PROIZVODSTVA [MECHANIZATION AND AUTOMATION OF PRODUCTION]. Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po avtomatizatsii i mashinostroeniiu [State Committee of the Council of Ministers of the U.S.S.R. for Automation and Machinery Manufacture]. Moscow, vol. 16, no. 11, Nov. 1962.

MOSCOW. ENERGETICHESKII INSTITUT. Trudy [POWER ENGINEERING INSTITUTE. Transactions]. No 35, 1961

MOSCOW. MOSKOVSKII INSTITUT INZHENEROV ZHELEZNODOROZHNOGO TRANSPORTA. Trudy [MOSCOW INSTITUTE OF ENGINEERS OF RAILROAD TRANSPORTATION. Transactions]. No. 146, 1962.

MOSCOW. STANKOINSTRUMENTAL'NYI INSTITUT. Kafedra "Oborudovanie i tekhnologiia kovki i shtampovki" Sbornik [MACHINE-TOOL INSTITUTE. Department of "Equipment and Technology of Forging and Stamping" Papers] No 6, 1962.

MOSCOW. VSESOIUZNYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT ZHELEZNODOROZHNOGO TRANSPORTA. Trudy [ALL-UNION SCIENTIFIC RESEARCH INSTITUTE OF RAILROAD TRANSPORTATION. Transactions]. No. 241, 1962

MOSCOW. VSESOIUZNYI NAUCHNO-ISSLEDOVATEL'SKII INSTITUT ZHELEZNODOROZHNOGO TRANSPORTA. Vestnik [ALL-UNION SCIENTIFIC RESEARCH INSTITUTE OF RAILROAD TRANSPORTATION. Journal]. Vol 21, no 7, 1962.

*PRIBOROSTROENIE [INSTRUMENT MANUFACTURE] Organ of Gosudarstvennyi komitet Soveta Ministrov SSSR po avtomatizatsii i mashinostroeniiu and TSentral'noe pravlenie Nauchno-tekhnicheskogo obshchestva priborostroitel'noi promyshlennosti [State Committee of the Council of Ministers of the U, S S R. for Automation and Machinery Manufacture and the Central Administration of the Scientific Technological Society of the Instrument Industry]. Moscow, no. 11, Nov 1962.

REFERATIVNYI ZHURNAL MASHINOSTROENIE [JOURNAL OF ABSTRACTS: MACHINERY MANUFACTURE]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 19, Oct 1962

REFERATIVNYI ZHURNAL. OTDEL'NYI VYPUSK 33. KOMMUNAL'NOE, BYTOVOE I TORGOVOE OBORUDOVANIE [JOURNAL OF ABSTRACTS SEPARATE ISSUE 33: COMMUNAL, HOUSEHOLD, AND COMMERCIAL EQUIPMENT]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R]. Moscow, no. 24, Dec. 1962.

REFERATIVNYI ZHURNAL. OTDEL'NYI VYPUSK 39: POD"EMNO-TRANSPORTNYE MASHINY I SOORUZHENIIA [JOURNAL OF ABSTRACTS. SEPARATE ISSUE 39: HOISTING AND CONVEYING MACHINERY AND STRUCTURES]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 24, Dec. 1962.

REFERATIVNYI ZHURNAL. OTDEL'NYI VYPUSK 43: STROITEL'NOE I DOROZHNOE MASHINOSTROENIE. GORNYE MASHINY [JOURNAL OF ABSTRACTS. SEPARATE ISSUE 43: MANUFACTURE OF CONSTRUCTION EQUIPMENT AND ROAD MACHINERY. MINING MACHINERY]. Issued by Institut nauchnoi informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.]. Moscow, no. 24, Dec. 1962.

ROSTOV-ON-DON. INSTITUT INZHENERIV ZHELEZNODOROZHNOGO TRANSPORTA. Trudy [INSTITUTE OF ENGINEERS OF RAILROAD TRANSPORTATION. Transactions]. Moscow, no. 30, 1961.

RUSSIA (1923- U. S. S. R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii; mashinostroenie [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Machine Manufacture]. Moscow, no. 8, 1962.

RUDA (1962 [illegible] Ministerstvo vysshego i srednego spetsial'nogo obrazovaniya [Ministry of Higher and Secondary Specialized Education] Bulletin of the Institutions of Higher Education, Ferrous Metallurgy] Moscow, vol. 5 [illegible] 1962

TRAKTORY I SELSKOKHOZYAYSTVENNYE MASHINY [TRACTORS AND AGRICULTURAL MACHINERY] Organ of Gosudarstvennyy komitet Soveta Ministrov SSSR po avtomobil'noy promyshlennosti [State Committee of the Council of Ministers of the U.S.S.R. for Automotive and Machine Manufacture] Moscow, vol. 11 [illegible] 32], [illegible] 1962 [illegible] no. 9, Sep 1962.

ZAVODSKAYA LABORATORIYA [OUR FACTORY LABORATORY] Izvestiya, otdel Rudgazoupravleniya Glavneftesnaba [Petroleum Supply Department and the State Automobile Inspection Agency of the Administration of Material Affairs of the Executive Committee of the Moscow City Soviet] Moscow, vol. 5, nos. 10(61) [illegible] Oct - Dec 1961

b. MINING & METALLURGY

AKADEMIYA NAUK UKRSSR, Kiyev. Institut problem litya [ACADEMY OF SCIENCES OF THE UKRAINIAN S.S.R. Institute of Problems of Casting] Kiyev, [illegible] 1962

AKADEMIYA NAUK SSSR, Ural'skiy filial. Institut gornogo dela [ACADEMY OF SCIENCES OF THE U.S.S.R. Ural Branch. Institute of Mining] Sverdlovsk, no. 46, 1962

AKADEMIYA NAUK SSSR, Ural'skiy filial. Institut metallurgii [ACADEMY OF SCIENCES OF THE U.S.S.R. Ural Branch. Institute of Ferrous Metallurgy] Sverdlovsk, no. 16, 1962

AKADEMIYA NAUK SSSR. Institut metallurgii im. A.A. Baykova. Trudy [ACADEMY OF SCIENCES OF THE U.S.S.R. Institute of Metallurgy imeni A.A. Baykov. Transactions] Moscow, no. 10, 1962

*BYULLETEN' PO METALLOVEDENIYU [THE PRIVATE BULLETIN ON METALLURGY] Izd. 2-e, dop. i ispr. Akademiya nauk SSSR [Academy of Sciences of the U.S.S.R.] Moscow, vol. 14, no. 1, 5, Aug [illegible] 1962

GEOFIZICHESKAYA RAZVEDKA [GEOPHYSICAL PROSPECTING] Sbornik statey otdeleniya geofiziki [illegible] Ministerstva geologii i okhrany nedr SSSR [Ministry of Geology and Conservation of Mineral Resources, Attached to the Council of Ministers of the U.S.S.R.] Moscow, no. 10, 1962.

*GORNOYE DELO [THE GEOLOGY OF METALS] Sbornik statey [illegible] Ministerstva geologii i okhrany nedr SSSR [Ministry of Geology and Conservation of Mineral Resources, Attached to the Council of Ministers of the U.S.S.R.] Moscow, [illegible] no. 15, Oct - Dec 1962

*GRAVIMETRICHESKAYA RAZVEDKA [GRAVIMETRIC PROSPECTING] Sbornik statey, Akademiya nauk SSSR [Academy of Sciences of the U.S.S.R.], Moscow, [illegible] 1961

*GRUNTOVYE DRENAZHNYE FILXTRY IZ PESCHANO-GRAVIYNYKH MATERIALOV [SOIL DRAINAGE FILTERS FROM SAND AND GRAVEL MATERIALS] Trudy, Akademiya stroitel'stva i arkhitektury SSSR [Academy of Construction and Architecture of the U.S.S.R.] Moscow, [illegible] 1961

*LITEYNOYE PROIZVODSTVO [FOUNDRY PRACTICE], Organ Gosudarstvennogo komiteta Soveta Ministrov SSSR po delam stroitel'stva [and Gosudarstvennogo komiteta Soveta Ministrov SSSR po delam stroitel'stva] of the Council of Ministers of the U.S.S.R. for Construction of Research] and [illegible] Moscow, no. 11, Nov 1962.

*METALLURG [METALLURGIST] Izdanie Gosudarstvennyy komitet Soveta Ministrov SSSR po chernoy i tsvetnoy metallurgii [State Committee of the Council of Ministers of the U.S.S.R. for Ferrous and Nonferrous Metallurgy] and others Moscow, vol. 7, no. 11, Dec 1962

MOSKOW. GORNYY INSTITUT. Nauchnye trudy [MINING INSTITUTE. Author] No. 21, 1960 [MICROFILM]

MOSKOW, INSTITUT NEFTEKHIMICHESKOY I GAZOVOY PROMYSHLENNOSTI. Trudy [INSTITUTE OF THE PETROCHEMICAL AND GAS INDUSTRY. Transactions] No. 40, 1962.
Contents: Rabinkin, L. A. and others, 'Theory and practice of the controlled directional acoustic cavity method' [From the Praktika metoda RNP 204 p

NEFTYANIK. [THE PETROLEUM WORKER] Izdanie Gosudarstvennyy komitet Soveta Ministrov SSSR po toplivnoy promyshlennosti [State Committee of the Council of Ministers of the U.S.S.R. for the Fuel Industry] and others Moscow, vol. 7, no. 5, May 1962

*PORO-SHKOVAYA METALLURGIYA [POWDER METAL LURGY] Organ of Institut metallokeramiki i spetsial'nykh splavov AN USSR [Institute of Ceramic Metals and Special Alloys of the Academy of Sciences of the Ukrainian S.S.R.], Kiev, vol. 2, no. 6, Nov -Dec. 1962

RAZVEDKA I OKHRANA NEDR [PROSPECTING AND CONSERVATION OF MINERAL RESOURCES] Organ of Ministerstva geologii i okhrany nedr SSSR and Tsk. Professionalnogo soyuza rabochikh geologorazvedochnykh rabot [Ministry of the Geology and Conservation of Mineral Resources of the U.S.S.R. and the Central Committee of the Trade Union of Workers Employed in Geological Prospecting] Moscow, vol. 30, no. 11, Nov 1962

RUDNYY DVORNIK ZHURNAL GORNOGO DELO [JOURNAL OF ARCHAEAN MINING] Izdanie Institut nauchnoy informatsii Akademii nauk SSSR [Institute of Scientific Information of the Academy of Sciences of the U.S.S.R.] Moscow, Avtorskiy ukazatel', 1961 - pod [Author Index for 1962]

RUDA (1962 [illegible] U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniya. Izvestiya vysshikh uchebnykh zavedeniy, chernaya metallurgiya [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning, Ferrous Metallurgy]. Moscow, vol. 5, no. 11, 1962.

SHAKHTNOE STROITEL'STVO [MINE CONSTRUCTION]. Organ of Gosudarstvennyy komitet Soveta Ministrov SSSR po delam stroitel'stva and Gosudarstvennyy komitet Soveta Ministrov SSSR po toplivnoy promyshlennosti [State Committee of the Council of Ministers of the U.S.S.R. for Construction and the State Committee of the Council of Ministers of the U.S.S.R. for the Fuel Industry] Moscow, vol. 8, no. 11, Nov. 1962.

SVETOTEKHNIKA I TEPLOPROVODOV [PIPE TIRE CONSTRUCTION]. Izdanie Glavnoe upravlenie gazovoy promyshlennosti pri Sovete Ministrov SSSR [Main Administration of the Gas Industry, Attached to the Council of Ministers of the U.S.S.R.]. Moscow, vol. 7, no. 11, Nov. 1962

SVETOTEKHNIKA I TEPLOPROVODOV [PIPE TIRE CONSTRUCTION]. Izdanie Glavnoe upravlenie gazovoy promyshlennosti pri Sovete Ministrov SSSR [Main Administration of the Gas Industry, Attached to the Council of Ministers of the U.S.S.R.]. Moscow, vol. 7, no. 11, Nov. 1962

UGOL' UKRAINY [COAL OF THE UKRAINE]. Issued by Gosudarstvennyy komitet Soveta Ministrov USSR po koordinatsii nauchno issledovatel'skikh rabot [State Committee of the Council of Ministers of the Ukrainian S.S.R. for the Coordination of Research]. Kiev, vol. 8, no. 11, Nov. 1962.

17. MILITARY & NAVAL SCIENCES

a. MILITARY SCIENCE

KOMMUNIST VOORUZHENNYKH SIL [COMMUNIST OF THE ARMED FORCES] Issued by Glavnoe politicheskoe upravlenie Sovetskoi Armii i Voenno-Morskogo Flota [Main Political Administration of the Soviet Army and Navy]. Moscow, vol. 3, non 23, 24, Nov - Dec. 1962.

NASHA PERECLICHKA [OUR ROLL CALL] New York, vol. 9, no. 34(131), Nov 1962.

NASH VYSTI [OUR NEWS]. Published by Soiuz chinov Russkogo korpusa [The Association of Members of the Russian Corps] New York, vol. 18, no. 193, Dec. 1962.

RODIMYI KRAI [NATIVE LAND]. Issued by Donskoo voiskovoe obʺedinenie [Don Cossack Association]. Paris, nos. 11-12, July Oct. 1962.

VOENNYE ZNANIIA [MILITARY KNOWLEDGE]. Organ of Vsesoiuznoe dobrovolʹnoe obshchestvo sodeistviia armii, aviatsii i flotu [All Union Volunteer Society for Assistance to the Army, Air Forces, and Navy]. Moscow, vol. 38, no. 12, Dec. 1962

b. NAVAL SCIENCE

MORSKOI FLOT [THE MERCHANT MARINE]. Issued by Ministerstvo morskogo flota SSSR [Ministry of the Merchant Marine of the U.S.S.R.]. Moscow, vol. 22, non. 9, 11-12, Sep., Nov. -Dec. 1962.

RECHNOI TRANSPORT [INLAND WATER TRANSPORTATION]. Issued by Ministerstvo rechnogo flota [Ministry of the River Fleet]. Moscow, vol. 21, no. 12, Dec. 1962.

SUDOSTROENIE [SHIPBUILDING]. Organ of Gosudarstvennyy komitet Soveta Ministrov SSSR po sudostroyeniu and Nauchno-tekhnicheskoe obshchestvo sudostroitel'noi promyshlennosti [State Committee of the Council of Ministers of the U.S.S.R. for Shipbuilding and the Scientific Technological Society of the Shipbuilding Industry]. Leningrad, vol. 28, no. 11(240), Nov. 1962.

CUMULATIVE LIST OF ALL PERIODICALS IN VOL. 15
ARRANGED BY SUBJECT

I. GENERAL

a) Scholarly journals

Akademiia nauk Armianskoi SSR, Erivan. Izvestiia Obshchestvennye nauki [Academy of Sciences of the Armenian S.S.R. Bulletin. Social Sciences]
CLU CU IU NN NNC
RPB

Akademiia nauk Azerbaidzhanskoi SSR, Baku. Izvestiia. Seriia fiziko-matematicheskikh i tekhnicheskikh nauk [Academy of Sciences of the Azerbaijan S.S.R. Bulletin. Series in the Physical, Mathematical, and Technological Sciences]
CU CaOOG DNAL IaAS MnU
MoKL NN NjMuB PU RPB

Akademiia nauk Azerbaidzhanskoi SSR, Baku. Izvestiia Seriia obshchestvennykh nauk [Academy of Sciences of the Azerbaijan S.S.R. Bulletin. Series in the Social Sciences]
CLU CU CaOOG DBC KU
KyU MH MnU NIC NN
NNC OkU RPB

Akademiia nauk Gruzinskoi SSR, Tiflis. Soobshcheniia [Academy of Sciences of the Georgian S.S.R. Reports] In Georgian

Akademiia nauk Gruzinskoi SSR, Tiflis. Soobshcheniia [Academy of Sciences of the Georgian S.S.R. Reports]. In Russian
CLU CU DDO DNAL DS
IEN MCM MdBJ NN NNC
NNF NNM NcD RPB

Akademiia nauk Kazakhskoi SSR, Alma-Ata. Izvestiia. Seriia ekonomiki, filosofii i prava [Academy of Sciences of the Kazakh S.S.R. Bulletin. Series in Economics, Philosophy, and Law]
CU DS KyU MH PPAmP

Akademiia nauk Kazakhskoi SSR, Alma-Ata. Vestnik [Academy of Sciences of the Kazakh S.S.R. Journal]
CU DBC DNAL ICU MoKL
NN NNC NNM PSt WaU

Akademiia nauk Kirgizskoi SSR, Frunze. Izvestiia. Seriia estestvennykh i tekhnicheskikh nauk [Academy of Sciences of the Kirghiz S.S.R. Bulletin. Series in the Natural and Technological Sciences]
PPAN

Akademiia nauk Kirgizskoi SSR, Frunze. Izvestiia. Seriia obshchestvennykh nauk [Academy of Sciences of the Kirghiz S.S.R. Bulletin. Series in the Social Sciences]
NN

Akademiia nauk Kirgizskoi SSR, Frunze. Vestnik [Academy of Sciences of the Kirghiz S.S.R. Journal]
CU MoKL NN

Akademiia nauk Moldavskoi SSR. Izvestiia [Academy of Sciences of the Moldavian S.S.R. Bulletin]
MH

Akademiia nauk SSSR. Vestnik [Academy of Sciences of the U.S.S.R. Journal]
CLU CSt CSt-H CStmoR CU
CaOTU CtY DBC DBS DFR
DNLM DS ICJ ICN ICU
InLP MH MdBJ MiU MnU
MoKL MoSW NIC-A NN NNC
NNF NNIS NNNAM NcD NcRS
NcU OCl OCoB OU PPT
PPAN PSt RPB WaU

Akademiia nauk SSSR. IAkutskii filial, Yakutsk. Trudy [Academy of Sciences of the U.S.S.R. Yakut Branch. Transactions]
MdBJ MiU NcU WU WaU

Akademiia nauk SSSR. Karel'skii filial, Petrozavodsk. Trudy [Academy of Sciences of the U.S.S.R. Karelian Branch. Transactions]
CLU CU CtY ICU IU
InU MH NN NIC NNC
TxU WU

Akademiia nauk SSSR. Komi filial, Syktyvkar. Trudy [Academy of Sciences of the U.S.S.R. Komi Branch. Transactions]
DNAL MH

Akademiia nauk SSSR. Sakhalinskii kompleksnyi nauchno-issledovatel'skii institut. Trudy [Academy of Sciences of the U.S.S.R. Sakhalin General Scientific Research Institute. Transactions]

Akademiia nauk SSSR. Sibirskoe otdelenie. Izvestiia. [Academy of Sciences of the U.S.S.R. Siberian Department. Bulletin]
CSt CU DNAL InU MiU
NIC NN NNF NNC NNM
NcU OCoB PPF RPB WaU

Akademiia nauk SSSR. Vostochno-Sibirskii filial, Irkutsk. Trudy [Academy of Sciences of the U.S.S.R. East Siberian Branch. Transactions]
CU DNAL MH NIC

Akademiia nauk Tadzhikskoi SSR, Dushanbe. Doklady. [Academy of Sciences of the Tajik S.S.R. Reports]
CU CtY DNAL InU KyU
MoKL NIC NN

Akademiia nauk Tadzhikskoi SSR, Dushanbe. Trudy. [Academy of Sciences of the Tajik S.S.R. Transactions]
CLU CU CtY DI DNAL
DNLM ICMILC IU MH MH-M
MH-Z MiU MoKL NIC NN
NNC PPAN

Akademiia nauk Tadzhikskoi SSR, Dushanbe. Otdelenie geologo-khimicheskikh i tekhnicheskikh nauk. Izvestiia [Academy of Sciences of the Tajik S.S.R. Department of Geological, Chemical, and Technological Sciences. Bulletin]
CU

Akademiia nauk Uzbekskoi SSR, Tashkent. Izvestiia. Seriia obshchestvennykh nauk [Academy of Sciences of the Uzbek S.S.R. Bulletin. Series in the Social Sciences]
CU DBC KU MH NNC

Akademiia nauk Uzbekskoi SSR, Tashkent. Otdelenie obshchestvennykh nauk. Nauchnye raboty i soobshcheniia [Academy of Sciences of the Uzbek S.S.R. Department of Social Sciences. Studies and Reports]
DS MH

Akademiia navuk BSSR, Minsk. Vestsi. Seryia hramadskikh navuk [Academy of Sciences of the White Russian S.S.R. Bulletin. Series in the Social Sciences]
CU ICMILC IU KU NN
NNC TxU

Alma-Ata. Universitet. Uchenye zapiski [University. Studies]
CSfA CU DSI-M ICU IU
InU MdBJ MiU NN NNC
NNM OU

Amurskii sbornik [Amur Collection]
CU NIC

Ashkhabad. Turkmenskii gosudarstvennyi universitet. Uchenye zapiski [Turkmenian State University. Studies]

Baku. Azerbaidzhanskii gosudarstvennyi universitet. Uchenye zapiski. Seriia obshchestvennykh nauk [Azerbaijan State University. Studies. Series in the Social Sciences]

Cheboksary. Chuvashskii gosudarstvennyi pedagogicheskii institut. Uchenye zapiski [Chuvash State Pedagogical Institute. Studies]
MH

Eesti NSV Teaduste akadeemia. Toimetised. Füüsikalis-matemaatiliste ja tehniliste Teaduste seeria. Izvestiia Akademii nauk Estonskoi SSR. Seriia fiziko-matematicheskikh i tekhnicheskikh nauk [Academy of Sciences of the Estonian S.S.R. Bulletin. Series in the Physical Mathematical, and Technical Sciences]
CLU CU CaOON MBdAf MiU
MoKL MoSW NNBell NNC TONS

Eesti NSV Teaduste akadeemia. Toimetised. Uhiskonnateaduste seeria. Izvestiia Akademii nauk Estonskoi SSR. Seriia obshchestvennykh nauk [Academy of Sciences of the Estonian S.S.R. Bulletin. Series in the Social Sciences]
CU DNAL MBdAF NNC OkU

Gorkiy. Gosudarstvennyi pedagogicheskii institut. Uchenye zapiski [State Pedagogical Institute. Studies]

Gorkiy. Universitet. Uchenye zapiski [University. Studies]
CU DNAL InAS In InU
MH MH-A MH-F MH-P NIC-A
NNC

Grozny. Checheno-Ingushskii nauchno-issledovatel'skii institut istorii, iazyka i literatury. Izvestiia [Chechen-Ingush Research Institute of History, Language, and Literature. Bulletin]

Grozny. Checheno-Ingushskii nauchno-issledovatel'skii institut istorii, iazyka i literatury. Trudy [Chechen-Ingush Research Institute of History, Language and Literature. Transactions]
CU MH

Irkutsk. Gosudarstvennyi pedagogicheskii institut. Uchenye zapiski [State Pedagogical Institute. Studies]
CU CtY ICU IU MH
MiU NN

Irkutsk. Universitet. Trudy [University. Transactions]
CU CaOOG CtY DNAL ICU
IU InU MH MH-Z MiU
MiU MnU NIC-A NN NNAM
NNNAM NjP OU PPAN PPAmP
WU

Kazan. Gosudarstvennyi pedagogicheskii institut. Uchenye zapiski [State Pedagogical Institute. Studies]

Kazan. Universitet. Uchenye zapiski [University. Studies]
CLL CLSU CLU CSt CSt-H
CU CaOTU CaQMBM CtY DI (P)
DNAL DSC ICS IU InU
MBN MH MiU MnU MoKL
NIC-A NN NNC NcD NcU
NjP PP PPAN PPC PU
RPB WaU

Kharkov. Universitet. Uchenye zapiski [University. Studies]
CLU CSt CU CtY DNAL
DSI-M ICJ ICU IU LU
MH MiU MnU MoKL NN
NNC NNM NNNAM NjP OCIW
OU PPAN WaU

Kishinev. Universitet. Uchenye zapiski [University. Studies]
DNAL MH RPB

Kuybyshev. Gosudarstvennyi pedagogicheskii institut. Uchenye zapiski [State Pedagogical Institute. Studies]
MH

Kyzyl. Tuvinskii nauchno-issledovatel'skii institut iazyka literatury i istorii. Uchenye zapiski [Tuva Scientific Research Institute of Language, Literature and History. Studies]
MH

Latvijas Padomju Socialistiskas Republikas Zinatnu akademija. Vestis. Izvestiia Akademii nauk Latviiskoi SSR [Academy of Sciences of the Latvian S.S.R. Bulletin]
CU CaOTU DNAL DS ICMILC
MH MoKL NN NNF NNM
PU RPB TxU

Leningrad. Gosudarstvennyi pedagogicheskii institut im. A. I. Gertsena. Uchenye zapiski [State Pedagogical Institute. Studies]
CSt CU CoFS CtY DNLM
MH NNC WU

Leningrad. Universitet. Uchenye zapiski [University. Studies]
CLL CLSU CLU CSfU CSt
CSt-H CU CaOOAg CaOOG CaQMBM
CtY CtY-L DBS DI DI-GS
DNAL DNLM DS DSI-A DSI-M
GU ICU IEN IU InAS
InU InU KU KU-L LU
MBN MBU MCM MH MH-P
MH-L MH-O MH-Z MNS MWHS
MdBJ MiEM MiU MiU-L MnU
MoKL NBuU NIC NIC-A NN
NNC NNM NcU NjP NjR
OCU OU OrU PBm PPAN
PPiU PSC PU RPB TxHR
WU WaU

Leningrad. Universitet. Vestnik [University. Review]
AU AzU CLSU CLU CPT
CSt CSt-H CStmoR CU CaAEU
CaOOG CaOON CaOTU CoU CtY
DBC DNAL DNLM DS ICJ
ICU IEN IU InAS InU
InLP KU LU MH MoSW
MiU MnU MoKL NIC NN
NNC NNF NNIS NNM NRU
NcU NhD NjP OCICS OkU
OrU PPAN PSt PU-Math RPB
TONS WU WaU TxCM

Lietuvos TSR Mokslu akademija, Darbai Serija A Trudy Akademii nauk Litovskoi SSR Seriia A [Academy of Sciences of the Lithuanian S S R Transactions Series A]
CU CtY KyU MH PU

Lietuvos TSR Mokslu akademija Darbai Serija B Trudy Akademii nauk Litovskoi SSR Seriia B [Academy of Sciences of the Lithuanian S S R. Transactions Series B]
CU CtY DNAL LNHT MH
NN NNC NcU OrU PU

Lysty do pryiateliv [Letters to Friends]

Moscow. Gorodskoi pedagogicheskii institut Uchenye zapiski [Moscow City Pedagogical Institute. Studies]
MCM MH

Moscow. Moskovskii gosudarstvennyi pedagogicheskii institut. Uchenye zapiski [Moscow State Pedagogical Institute. Studies]

Moscow. Moskovskii oblastnoi pedagogicheskii institut, Sbornik studencheskikh nauchnykh rabot po gumanitarnomu tsiklu [Moscow Province Pedagogical Institute. Student Papers in the Humanities]

Moscow. Moskovskii oblastnoi pedagogicheskii institut Uchenye zapiski [Moscow Province Pedagogical Institute. Studies]
RPB

Moscow. Universitet. Uchenye zapiski [University Studies]
CLSU CLU CSfA CSt-H CU
CaOOG CaOTR CtY DI-GS DNAL
DNLM DS DSI DSI-M ICF
ICJ ICN ICU IU InAS
InU KU LU MB MBN
MH MH-P MH-Z MWhB MdBJ
MiU MnU MoKL NIC NIC-A
NN NNC NNE NNM NcU
NjP OU PPAmP PPC RPB
WU WaU

Munich. Ukrains'kyi vil'nyi universytet Naukovi zapysky [Ukrainian Free University Studies]

Nalchik. Kabardino-Balkarskii gosudarstvennyi universitet. Uchenye zapiski [Kabardino-Balkar State University. Studies]

Obshchestvennye nauki v Uzbekistane [Social Sciences in Uzbekistan]
MH NNC

Odessa. Universytet. Pratsi. Seriia suspil'nykh nauk [University. Transactions. Series in the Social Sciences]

Ordzhonikidze. Severo-Osetinskii nauchno-issledovatel'skii institut. Izvestiia [North Ossetian Scientific Research Institute. Bulletin]

Penza. Gosudarstvennyi pedagogicheskii institut Uchenye zapiski [State Pedagogical Institute. Studies]

Perm. Universitet. Uchenye zapiski [University. Studies]

Petrozavodsk. Karel'skii pedagogicheskii institut Uchenye zapiski [Karelian Pedagogical Institute. Studies]

Rostov-on-Don. Universitet. Uchenye zapiski [University. Studies]
CLU CU CaOOG DNAL IU
MCM MH NIC-A NN NNC
NNNAM

Ryazan. Gosudarstvennyi pedagogicheskii institut. Uchenye zapiski [State Pedagogical Institute. Studies]

Samarkand. Uzbekskii gosudarstvennyi universitet. Trudy [Uzbek State University. Transactions]
CU ICU MH RPB WU

Saransk. Mordovskii gosudarstvennyi universitet. Uchenye zapiski [Mordvinian State University. Studies]
MH WU

Saratov. Universitet. Uchenye zapiski [University. Studies]
CLU CSt CSt-L CU CtY
DNAL DNLM ICU IU MBN
MCM MH MdBJ MiU MnU
NBM NIC-A NN NNBG NNC
NNM NNNAM NjP OU PPAN
RPB WaU

Sovetskaia antarkticheskaia ekspeditsiia, 1955-1958. Informatsionnyi biulleten' [Soviet Antarctic Expedition, 1955-1958. Information Bulletin]
DSI KyU MWhB

Sovremennaia kitaiskaia literatura po obshchestvennym naukam; referativnyi sbornik [Contemporary Chinese Literature on the Social Sciences, Journal of Abstracts]

Stalinabad. Gosudarstvennyi pedagogicheskii institut. Uchenye zapiski. Seriia obshchestvennykh nauk [State Pedagogical Institute. Studies. Series in the Social Sciences]

Stalinabad. Universitet. Trudy [University. Transactions]

Stanislav. Derzhavnyi pedagogichnyi instytut. Naukovi zapysky [State Pedagogical Institute. Studies]

Sverdlovsk. Ural'skii gosudarstvennyi universitet. Uchenye zapiski [Ural State University. Studies]

Tartu. Ülikool. Toimetised. Uchenye zapiski Tartuskogo gosudarstvennogo universiteta [University Studies]
DNAL DNLM NNC

Tashkent. Universitet. Trudy [University. Transactions]
CU CaOOG DNAL ICJ IU
NIC-A NN NNM PPAN

Tiflis Gosudarstvennyi pedagogicheskii institut Trudy [State Pedagogical Institute Transactions]

Tiflis. Universitet Trudy [University. Transactions]
CU ICF InU MH MiU
NNM RPB

Tomsk Gosudarstvennyi pedagogicheskii institut Uchenye zapiski [State Pedagogical Institute Studies]
MH

Ukrains'ka vil'na akademiia nauk. Presidium, Winnipeg. Biuleten' [Ukrainian Free Academy of Sciences Presidium Bulletin]

Ukrains'kyi ohliad [Ukrainian Digest]

Ulan-Ude. Buriatskii kompleksnyi nauchno-issledovatel'skii institut Trudy [Buryat Scientific Research Institute Transactions]

Volgograd. Gosudarstvennyi pedagogicheskii institut. Uchenye zapiski [State Pedagogical Institute Studies]

Voronezh. Gosudarstvennyi pedagogicheskii institut. Izvestiia [State Pedagogical Institute. Bulletin]

Yakutsk. Universitet. Uchenye zapiski [University Studies]

Yaroslavl. Gosudarstvennyi pedagogicheskii institut Uchenye zapiski [State Pedagogical Institute. Studies]
DS MH

Yelabuga Gosudarstvennyi pedagogicheskii institut. Uchenye zapiski [State Pedagogical Institute. Studies]
MH

Yoshkar-Ola. Marliskii nauchno-issledovatel'skii institut iazyka, literatury i istorii. Trudy [Mari Research Institute of Language, Literature, and History Transactions]

b) Popular magazines

Amerika; illiustrirovannyi zhurnal [America Illustrated]
CLSU DC IU MB MiU
NN NNC OCl OClW OrU
PU RPB VtW

Azija i Afrika segodnia [Asia and Africa Today]
CLSU CSt-H CStmoR CU DS
IU MH MWelC MiU NIC
NN NNC

Barvinok [Periwinkle]
NN

Belarus' [White Russia]
CtY NN

Belaruskaia dumka [Byelorussian Thought]

Belaruskaia moladz' [Byelorussian Youth]

Berniba [Childhood]

Biriozka [The Little Birch]

Dadzis [Thistle]

Druzhno vpered [Forward Together]

Evening bells, Vechernii zvon

Genya [Woodpecker]

Jaunimo gretos [The Ranks of Youth]

Kapkăn; Chuvashskii satiricheskii zhurnal [Trap, Chuvash Satirical Magazine]

Khorpushtak [Hedgehog]

Kipetush; zhurnal satiry i iumora [Pepper; Magazine of Satire and Humor]

Kirpi [Hedgehog]

Kitai [China]

Khochu vse znat' [I Want to Know All]
CSt-H

Koreia [Korea]

Koster [Camp Fire]
NNIS

Krokodil [Crocodile]
CLU CSt-H CU CaOTU CtY
ICU KU MdBJ MnU NIC
NN NNC NNIS NcU

Kul'tura i zhizn' [Culture and Life]
CLU IU MiBC NN OU

Kultuur ja elu [Culture and Life]

Kusimused ja vastused [Questions and Answers]

Kyiv [Kiev]
MH NNIS

Liesma [Flame]

Mēdeniet zhāne tūrmys [Culture and Life]

Mokslotvis [The Student]

Murzilka [Tiny Tot]
CLU IU MH NNIS

Mushtum [Punch]

My i svit [We and the World]

Narodnaia Rumyniia [People's Rumania]

Noorus [Youth]

Novaia Albaniia [New Albania]

Novaia Koreia [New Korea]
DBC

Novosti Korei [News of Korea]

Ogonek [The Little Light]
CLU CSt-H CStmoR CtY DS
MH MdBJ MnU NN NNC
NNIS PP PU RPB WaU

Otvechaem na voprosy trudiashchikhsia [We Answer Workers' Questions]

Otvety na voprosy trudiashchikhsia [Replies to Workers' Questions]
CLU CtY ICU MH NN

Ovyd [Horizon]
NN

Perets' [Pepper]
NN

Pil'ja soma [Picture and Word]

Pioneer [Pioneer]. In Estonian

Pioner [Pioneer]
CLU CSt-L MH NN NNC
NNIS PU

Pioner] In Armenian

Pioner]. In Turkmen

Pionerita [Pioneers]. In Ukrainian
NNIS

Polsha [Poland]

Raboche-krest'ianskii korrespondent [Workers' and Peasants' Correspondent]
KU

Rodina [Our Country]

Rodnye dali [Beloved Vistas]
CLU

Rovesnik [Contemporary]

Russkii v Avstralii [The Russian in Australia]
NN

Russkoe slovo v Kanade [The Russian Word in Canada]

Samostiina Ukraina [Independent Ukraine]

Selatel' [Sower]

Sel'skaia molodezh' [Rural Youth]

Shmel' [Bumblebee]

Skyntela leninists [Leninist Spark]

Sluota [The Broom]

Soglasie [Concord]
CLU NN

Sotsialistychna kul'tura [Socialist Culture]
DS NN

Sovetskii Soiuz [Soviet Union]
DS InU MH MiBC NN
NNC NNIS TNJ

Sovremennaia Mongoliia [Contemporary Mongolia]

Sumivets'

Svobodnoe slovo, ezhemesiachnyi karpato-russkii zhurnal [Free Word, Carpatho-Russian Monthly]
NN

Svytuya [The Lighthouse]

Taheke [The Little Star]

Tochikiston [Tajikistan]
CU MH

Ukraina [The Ukraine]
CLU CSt-H CU MH NN
NNBG

Ukrains'ke tovarystvo druzhby i kul'turnoho zv'iazku z zarubizhnymy krainamy Po radians'kii Ukraini; fotokhronika [Ukrainian Society for Friendship and Cultural Relations with Foreign Countries. Through Soviet Ukraine, photo report]

Ural'skii sledopyt [Ural Pathfinder]

Uzbekiston [Uzbekistan]
NNIS

Veselka [The Rainbow]

Vietnam [Vietnam]

Vozhyk [Hedgehog]

Vsesvit [The World]

Vyzvol'nyi shliakh [Liberation Path]
NN

Za sinim okeanom [Beyond the Blue Ocean]

Zhizn' glukhikh [Life of the Deaf]

Zhizn' slepykh [Life of the Blind]

Zvaigzne [The Star]

2. BIBLIOGRAPHY

a) Bibliography

Akademiia nauk Gruzinskoi SSR, Tiflis. Institut rukopisei. Izvestiia [Academy of Sciences of the Georgian S.S.R. Institute of Manuscripts. Bulletin]
MH

Akademiia nauk SSSR Biblioteka. Bibliografiia izdanii Akademii nauk SSSR, ezhegodnik [Academy of Sciences of the U.S.S.R. Library. Bibliography of Publications of the Academy of Sciences of the U.S.S.R., Yearbook]
CSt-H CU DNAL DNLM DSI
IU InU MH MdBJ MiU
NIC NN NNC NjP OCoB
OU RPB TxHR WU

Akademiia nauk SSSR Biblioteka. Novye inostrannye knigi, postupivshie v sistemu bibliioteki [Academy of Sciences of the U S S R Library. New Foreign Books Received by the Library System]

Akademiia nauk SSSR Biblioteka. Trudy Biblioteki Akademii nauk SSSR i Fundamental'noi biblioteki obshchestvennykh nauk AN SSSR [Academy of Sciences of the U S S R. Library. Transactions of the Library of the Academy of Sciences of the U.S S R. and of the Fundamental Library of Social Sciences of the Academy of Sciences of the U S S R.]

CLU	CU	DNAL	ICU	InU
KU	MCM	MH	NN	NNC
NNUN	NjP	OU	RPB	WaU

Artiklite ja retsensioonide kroonika Eesti NSV perioodilistes väljaannetes ja kogumikes avaldatud artiklite ja retsensioonide riiklik analuutiline bibliograafia, teatel tüdukabarunikides ilmunud kirjandust Eesti NSV kohta [Chronicle of Articles and Reviews, State Analytical Bibliography, of Articles and Reviews Published in the Periodicals and Serials of the Estonian S S R., Literature on the Estonian S S R., Published in Other Union Republics]

Biblos, zhurnal ukrains'koi bibliografii [Journal of Ukrainian Bibliography]

Ezhegodnik knigi SSSR, sistematicheskii ukazatel' [Annual of Soviet Books, Classed Index]

CLU	CSt-H	CU	CaOTU	CtY
DBC	DNAL	DS	FMU	FTaSU
ICU	IEN	InU	KU	MBdAF
MH	MoSW	MtU	NN	NNC
NNNAM	NcD	NcU	RPB	TxU
WaU				

Informatsionnyi ukazatel' bibliograficheskikh spiskov i kartotek sostavlennykh bibliotekami Sovetskogo Soiuza [Information Index of Bibliographical Lists and Card Files, Compiled by the Libraries of the Soviet Union]

DNLM	DS	NNC	RPB

Jaunas gramatas [New Books]

Kalinin Oblastnaia biblioteka Spravochno-bibliograficheskii otdel Novaia literatura o Kalininskoi oblasti [Province Library Reference and Bibliography Department New Literature on Kalinin Province]

Knizhnaia letopis' [Book Chronicle]

CSt-H	CLU	CU-E	CtY	DNAL
DBS	DNLM	DS	ICU	IEN
IU	InU	MB	MH	MdBJ
MtU	MnU	MoSW	N	NN
NNC	NcD	NcU	OCl	OCU
OU	PU	RPB	WaU	

Knizhnaia letopis' [Book Chronicle] Issued by Gosudarstvennaia knizhnaia palata Armianskoi SSR

DNAL	NN

Knyzhkova palata Ukrains'koi RSR Ukrains'ka RSR u vydannakh respublik Radians'koho Soiuz, bibliografiia [Book Chamber of the Ukrainian S S R Ukrainian S S R in the Publications of the Republics of the Soviet Union, Bibliography]

Latvijas PSR preses hronika, Letopis' pechati Latvijskoi SSR [Chronicle of Publications of the Latvian S S R]

Leningrad Publichnaia biblioteka Trudy [Public Library Transactions]

Letopis' gazetnykh statei [Chronicle of Newspaper Articles]

CU	DNLM	DS	KU	MdBJ
NN	NNC	NNIS	NcD	WaU

Letopis' periodicheskikh izdanii SSSR [Chronicle of Periodical Publications of the U S S R.]

CLSU	CLU	CU	CaOTU	CtY
DNAL	DNLM	DS	ICU	KU
MCM	MH	MdBJ	MiU	NN
NNC	NcU	PU	TxU	WaU

Letopis' retsenzii [Chronicle of Reviews]

CLU	CSt-H	CU	CaOTU	DC
DNLM	DS	KU	MH	MiU
NN	NNC	NNIS	NjP	PU
WaU				

Letopis' zhurnal'nykh statei [Chronicle of Periodical Articles]

CSt-H	CU	CaAEU	CaOTU	CoBBS
DBS	DNAL	DNLM	DS	ICU
InU	KU	LU	MH	MiU
MnU	NIC	NN	NNC	NNIS
TxU	WaU			

Metodicheskie materialy po gosudarstvennoi bibliograficheskoi registratsii [Materials on the Methodology of State Bibliographical Registration]

CU	NNC

Mirovoi tsentr dannykh MGG B1. Bibliograficheskii ukazatel' [IGY World Data Center B1. Bibliography]

Moscow. Publichnaia biblioteka. Informatsionnyi biulleten' novykh inostrannykh knig, postupivshikh v Biblioteku imeni V. I. Lenina. Seriia 1. Fiziko-matematicheskie, khimicheskie i geologo-geograficheskie nauki, tekhnika i tekhnicheskie nauki, tekhnicheskie katalogi zarubezhnykh firm [Public Library. Information Bulletin of New Foreign Books Received by the Lenin Library. Series 1. Physical-Mathematical, Chemical and Geological-Geographical Sciences, Technology and Technological Sciences, Technological Catalogs of Foreign Firms]

Moscow Publichnaia biblioteka. Informatsionnyi biulleten' novykh inostrannykh knig, postupivshikh v Biblioteku imeni V. I. Lenina Seriia 2 Biologicheskie, meditsinskie i sel'skokhoziaistvennye nauki [Public Library Information Bulletin of New Foreign Books Received by the Lenin Library Series 2 Biological, Medical, and Agricultural sciences]

Moscow. Publichnaia biblioteka. Informatsionnyi biulleten' novykh inostrannykh knig, postupivshikh v Biblioteku imeni V. I. Lenina Seriia 3, Obshchestvennye nauki, khudozhestvennaia literatura [Public Library Information Bulletin of New Foreign Books Received by the Lenin Library Series 3 Social Sciences and Belles-Lettres]

Moscow. Publichnaia biblioteka. Otdel rukopisei Zapiski [Public Library Manuscript Division Records]

CLU	CSt-H	CU	CaOTU	CtY
ICU	IEN	InU	KU	MH
MnU	NN	NNC	NcU	OU
RPB	WaU			

Naujos knygos [New Books]

Novaia literatura o nauke i nauchno-issledovatel'skoi rabote za rubezhom [New Literature on Science and Research Abroad]

Novaia literatura po Bolgarii [New Literature on Bulgaria]

NNC

Novaia literatura po Chekhoslovskii [New Literature on Czechoslovakia]

NNC

Novaia literatura po evropeiskim stranam narodnoi demokratii: Rumyniia [New Literature on European People's Democracies and Slavic Studies, Rumania]

NNC

Novaia literatura po evropeiskim stranam narodnoi demokratii: Vengriia [New Literature on European People's Democracies: Hungary]

NNC

Novaia literatura po evropeiskim stranam narodnoi demokratii i slavianovedeniiu: Bolgariia [New Literature on European People's Democracies and Slavic Studies Bulgaria]

NNC

Novaia literatura po evropeiskim stranam narodnoi demokratii i slavianovedeniiu Chekhoslovakiia [New Literature on European People's Democracies and Slavic Studies Czechoslovakia]

NNC

Novaia literatura po evropeiskim stranam narodnoi demokratii i slavianovedeniiu: Pol'sha [New Literature on European People's Democracies and Slavic Studies, Poland]

NNC

Novaia literatura po Germanskoi Demokraticheskoi Respublike [New Literature on the German Democratic Republic]

NNC

Novaia literatura po Iugoslavii [New Literature on Yugoslavia]

NNC

Novaia literatura po Pol'she [New Literature on Poland]

NNC

Novaia literatura po Rumynii [New Literature on Rumania]

NNC

Novaia literatura po Vengrii [New Literature on Hungary]

NNC

Novaia sovetskaia i inostrannaia literatura po stranam zarubezhnogo Vostoka [New Soviet and Foreign Literature on the Countries of the Non-Soviet East]

Novaia sovetskaia literatura o nauke i nauchno-issledovatel'skoi rabote v SSSR [New Soviet Literature on Science and General Research in the U.S.S.R.]

Novye knigi [New Books]

AzU	CLSU	CU	CtY	DBC
DNLM	DS	IU	InU	MH
NNIS	RPB	ULA	WaU	

Novye knigi za rubezhom. Seriia V. Biologiia, meditsina, sel'skoe khoziaistvo [New Foreign Books, Series V. Biology, Medicine, Agriculture]

Novye knigi za rubezhom po obshchestvennym naukam, ekonomika, filosofiia, istoriia, mezhdunarodnye otnosheniia [New Books Abroad on Social Sciences, Economics, Philosophy, History, International Relations]

CU

Sovetskaia bibliografiia [Soviet Bibliography]

cs

CSr-H	CU	ICMILC	ICU	MH
NN	NNC			

Svodnyi biulleten' novykh inostrannykh knig, postupivshikh v biblioteki SSSR. Seriia A: Estestvennye nauki, meditsina, sel'skoe khoziaistvo, tekhnika [Union List of New Foreign Books Received by the Libraries of the U.S.S.R. Series A, Natural Sciences, Medicine, Agriculture, Technology]

DC	DNLM

Svodnyi biulleten' novykh inostrannykh knig, postupivshikh v biblioteki SSSR. Seriia B Obshchestvennye nauki [Union List of New Foreign Books Received by the Libraries of the U.S.S.R Series B Social Sciences]

CU	DNLM

V mire knig [In the World of Books]

DNLM

b) Libraries & library science

Bibliotekar' [The Librarian]

CLU	CSt-H	CU	CtY	DC
DNAL	DNLM	DS	ICU	IEN
IU	KU	MB	MBdAF	MH
MnU	NN	NNC	NNIS	P
RPB	WaU			

Bibliotekí SSSR [Libraries of the U.S.S.R.]

CLU	CU	DNAL	IU	MH
MtU	MnU	NIC	NN	NNC
OU	WaU			

Bibliotekininkystes ir bibliografijos klausimai. Voprosy bibliotekovedeniia i bibliografii [Problems in Library Science and Bibliography]

Bibliotekovedenie i bibliografiia, ukazateľ literatury [Library Science and Bibliography, an Index to the Literature]

CLU	DNAL	DS	NN	NNC
NcU				

Bibliotekovedenie i bibliografiia za rubezhom [Library Science and Bibliography Abroad]

CU	KyU	MH	NN	NNC
RPB				

Leningrad, Gosudarstvennyi bibliotechnyi institut. Trudy [State Library Institute Transactions]

Lietuvos TSR Mokslu akademija, Vilna Centrine biblioteka Bibliotekininkyste ir bibliografija Bibliotekovedenie i bibliografiia [Academy of Sciences of the Lithuanian S.S.R Central Library. Library Science and Bibliography]

PU

Moscow. Publichnaia biblioteka. Trudy [Public Library. Transactions]

CLU	CU	CtY	DS	ICU
IU	InU	MH	MiU	MoU
N	NIC	NN	NNC	NcD
NcU	PSt	WaU		

Moscow. Publichnaia biblioteka. Otdel detskoi i iunosheskoi literatury Chital'nyi zal dlia detei i iunoshestva [Public Library. Department of Children's and Young People's Literature Reading Room for Children and Young People]

MH

Moscow. Publichnaia biblioteka. Otdel gigieny i restavratsii knig. Sbornik materialov po sokhrannosti knizhnykh fondov [Public Library. Department of the Conservation and Restoration of Books. Collection of Papers on the Preservation of Books]

MH

c) Printing & the book trade

Kniga: issledovaniia i materialy [The Book; Studies and Papers]

CSt	CSt-H	CU	CtY	ICN
ICU	IU	InU	LU	MH
MiU	NN	NNC	OU	WaU

Moscow. Poligraficheskii institut. Nauchnye trudy [Moscow Printing Institute. Studies]

Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut poligraficheskoi promyshlennosti. Sbornik nauchnykh rabot [All-Union Scientific Research Institute of the Printing Industry. Scientific Papers]

NN

Pechat' SSSR, (1961), statisticheskie materialy [The Press of the U.S.S.R., (1961), statistical material]

CLU	CSt-H	CU	CtY	DBC
DC	MCM	MiU	NN	NNC
NcD	NjR	OOxM	PSt	TxU
WaU				

Poligraficheskoe proizvodstvo [Printing Industry]

ICJ	MH	MdBJ	NN	NNIS

Raaprostraneniie pechati [Distribution of Publications]

CLU	CSt-H	KU	MH	NN
NNIS				

Referativnyi zhurnal. Otdel'nyi vypusk 37: Oborudovanie i tekhnologiia poligraficheskogo proizvodstva [Journal of Abstracts. Separate Issue 37. Equipment and Technology of the Printing Industry]

Sovetskaia knizhnaia torgovlia [Soviet Book Trade]

CaOON	IU	NNIS

3. PHILOSOPHY & RELIGION

a) Philosophy

Akademiia nauk Kazakhskoi SSR, Alma-Ata, Institut filosofii i prava, Trudy [Academy of Sciences of the Kazakh S.S.R. Institute of Philosophy and Law. Transactions]

CLU	CU	CSt-H	InU	KU
KU-L	NNC	NNC-L	PPAmP	WaU

Akademiia nauk URSR, Kiev. Instytut filosofii. Naukovi zapysky [Academy of Sciences of the Ukrainian S.S.R. Institute of Philosophy. Studies]
DS InU MH NNC

Kishinev. Universitet. Mezhvuzovskii filosofskii sbornik [University Interuniversity Philosophical Papers]

Novaia inostrannaia literatura po filosofii [New Foreign Literature on Philosophy]

Novaia sovetskaia literatura po filosofii [New Soviet Literature on Philosophy]

Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Nauchnye doklady vysshei shkoly, filosofskie nauki [Ministry of Higher and Secondary Specialized Education Research Papers of Higher Schools, Philosophical Sciences]
CU IU KU MH MdBJ
MiU NN NNC NNF

Voprosy estetiki [Problems of Aesthetics]
CLU NN

Voprosy filosofii [Problems of Philosophy]
CLSU CLU CU CaAEU CtY
DS ICU IU MH MnU
NIC NN NNIS NNC NNT
NcD OCU PPAmP RPB WaU

Voprosy istorii religii i ateizma [Problems of the History of Religion and Atheism]
CLU CSt-H CU CtY DS
IU InU MH MnU NIC
NN NNC NcD NjP OU
PU RPB WaU

Voprosy psikhologii [Problems of Psychology]
DNH DNLM InLP MH MiU
MnU NIC NNC NNF NNIS
NNNAM PSt RPB TU

b) Religion

Belaruski katolik, Byelorussian Catholic.

Belorusikum [Byelorussian Theological Academy]

Belyi lotos [White Lotus]

Bratskii vestnik [Herald of Brotherhood]
NN NNIS

Dukhovnoe probuzhdenie [Spiritual Awakening]

Edinaia TSerkov' [One Church]
CLU NN OU

Golos tserkvy [The Voice of the Church]

Nauka i religiia [Science and Religion]
KU

Novaia sovetskaia i inostrannaia literatura po voprosam religii i ateizma [New Soviet and Foreign Literature on the Problems of Religion and Atheism]

Orthodox Eastern Church, Russian, Patriarch. Zhurnal Moskovskoi Patriarkhii [Journal of the Moscow Patriarchate]
CLU CtY DDO DS ICU
IU InU KU MH MH-AH
NN NNC NNIS NcD NbD
WaU

Pravoslavnyi Ukrainets' [The Orthodox Ukrainian]

Ridna tserkva [Our Beloved Church]

Russita i Vselenskaia tserkov' [Russian and the Universal Church]

Russko-amerikanskii pravoslavnyi vestnik [The Russian-American Orthodox Messenger]
MH NN

Russkoe studencheskoe khristianskoe dvizhenie. Vestnik [Russian Students Christian Movement. Messenger]
CLU CU

Svitlo [The Light]

TSerkovnyi vestnik [Church Herald]

Ukrains'ke pravoslavne slovo [Ukrainian Orthodox Word]
CLU

Vechnoe [The Eternal]

Vera, nadezhda, liubov' [Faith, Hope, and Charity]

Vira i kul'tura [Faith and Culture]

Voiovnychyi ateist [Militant Atheist]

Western Europe (Exarchate). Vestnik Russkogo zapadno-evropeiskogo patriarshego ekzarkhata [Messenger of the Russian West European Patriarchal Exarchate]
MH

4. HISTORY

a) General

Akademiia nauk Armianskoi SSR, Erivan. Istoriko-filologicheskii zhurnal [Academy of Sciences of the Armenian S.S.R. Historical and Philological Review]
DDO KU NNC RPB

Akademiia nauk Azerbaidzhanskoi SSR, Baku. Institut vostokovedeniia. Uchenye zapiski [Academy of Sciences of the Azerbaijan S.S.R. Institute of Oriental Studies. Studies]
CU MH

Akademiia nauk Kazakhskoi SSR, Alma-Ata. Izvestiia. Seriia istorii, arkheologii i etnografii [Academy of Sciences of the Kazakh S.S.R. Bulletin, Series in History, Archaeology, and Ethnography]
CU InU MH NIC NNC

Akademiia nauk Kazakhskoi SSR, Alma-Ata. Institut istorii, arkheologii i etnografii. Trudy [Academy of Sciences of the Kazakh S.S.R. Institute of History, Archaeology, and Ethnography. Transactions]
CLU CSt-H CU CtY DS
ICU IU InU KyU MH
MiU NN NNC NNM PSt
WaU

Akademiia nauk SSSR. Institut istorii. Srednie veka [Academy of Sciences of the U.S.S.R. Institute of History. The Middle Ages]
CLU CSt-H CU ICU MB
MnU NIC NN NNC NcD
RPB WaU

Akademiia nauk SSSR. Institut istorii. Vestnik drevnei istorii [Academy of Sciences of the U.S.S.R. Institute of History. Review of Ancient History]
CLSU CLU CSt-H CU CtY
DDO DS FU ICU IU
InNd MH MdBJ MiU MnU
MoU NIC NN NNC NNIS
NNMM NbU NcU NjP OCl
PPiU RPB WaU

Akademiia nauk SSSR. Institut istorii. Leningradskoe otdelenie. Trudy [Academy of Sciences of the U.S.S.R. Institute of History. Leningrad Branch. Transactions]
CLU CSt CSt-H CaOTU DS
IU InU InU KU MH
MiDW MiU NBC NN NNC
NRU OU PSt RPB WU

Akademiia nauk SSSR. Institut narodov Azii. Kratkie soobshcheniia [Academy of Sciences of the U.S.S.R. Institute of the Peoples of Asia. Brief Reports]
CLSU CLU CSt-H CStmoR CU
CtY DNAL DS MH MiU
NIC NN NNC NcD NcU
NjP NjR PU RPB TxU
WaU

Akademiia nauk SSSR. Institut slavianovedeniia. Uchenye zapiski [Academy of Sciences of the U.S.S.R. Institute of Slavic Studies. Studies]
AU CLSU CLU CU CaOTU
CtY DDO InU InU LU
MH NIC NN NNC NcD
NcU NbD OU PU RPB
WU WaU

Akademiia nauk Tadzhikskoi SSR, Dushanbe. Institut istorii, arkheologii i etnografii. Trudy [Academy of Sciences of the Tajik S.S.R. Institute of History, Archaeology and Ethnology. Transactions]
ICU IU MH MH-P NN
NNC RPB TxU

Akademiia nauk Turkmenskoi SSR, Ashkhabad. Institut istorii, arkheologii i etnografii. Trudy [Academy of Sciences of the Turkmen S.S.R. Institute of History, Archaeology, and Ethnology. Transactions]
IU MiU

Cheboksary. Chuvashskii nauchno-issledovatel'skii institut iazyka, literatury, istorii i ekonomiki. Uchenye zapiski [Chuvash Scientific Research Institute of Language, Literature, History, and Economics Studies]
InU MH

Evrei i evreiskii narod; sbornik materialov iz sovetskoi ezhednevnoi i periodicheskoi pechati [Jews and the Jewish People, Materials from the Soviet Daily and Periodical Press]

Institut zur Erforschung der UdSSR. Issledovaniia i materialy [Institute for the Study of the U.S.S.R. Investigations and Materials]
CLSU CLU CSt-H CU CaOTU
CtY DNAL DDO DNLM DS
FTaSU ICU IU IaU InU
MH MH-L MH-P MdBJ MiD
MiDW MiU NIC NN NNC
NNC-T NcD NjP OU PSt
PU PU-El RPB TxU ViU
VtMiM WaU

Institut zur Erforschung der UdSSR. Materialy i soobshcheniia issledovatel'skogo otdela [Institute for the Study of the U.S.S.R. Materials and Reports of the Research Department]
NNC

Istoricheskie zapiski [Historical Records]
CLU CSt-H CU CU-Riv CtY
DS ICU MH MdBJ MiDW
NIC NN NNC NNIS NjP
NjR O OU PSt PU
RPB

Istoricheskii arkhiv [Historical Archives]
CLSU CLU CU CaOTU DBC
ICU IU KMK KU MdBJ
MiU MnU MoU NN NNC
NcU RPB WU

Istoriia SSSR [History of the U.S.S.R.]
AzU CLSU CLU CSt-H CoU
CtY DBC DS ICU IU
InU KU MiU NIC NN
NNC NNF NNU NcU NjP
OU PSt PU RPB TxHR
ViU WaU

Kalendar' znamenatel'nykh i pamiatnykh dat [Calendar of Significant and Memorable Dates]
DS IU NNC NN

Kodu-uurimise teateid [Review of Regional Studies]

Magadan. Oblastnoi kraevedcheskii muzei. Kraevedcheskie zapiski [Regional Local Museum Local Lore Annals]

Moscow. Gosudarstvennyi istoricheskii muzei. Trudy [State Historical Museum Transactions]
CLSU CLU CaOTU CtY
DDO ICU IEN IU InU
KU MH MiU MoU NIC
NN NNC NcU NjP OU
RPB WU WaU

Moscow. Gosudarstvennyi istoriko-arkhivnyi institut. Arkhivy i arkhivnoe delo v inostrannykh gosudarstvakh [State Institute of History and Archives. Archives and Archival Science in Foreign Countries]
MH

Moscow. Universitet. Vestnik. Seriia 9. Istoriia [University Review. Series 9 Historical Sciences]
AzU CU CoU DS ICU
KU MH MdBJ NN NNC
NRU NcU

Narody Azii i Afriki, istoriia, ekonomika, kul'tura [Peoples of Asia and Africa, History, Economics, Culture]

Novaia i noveishaia istoriia [Modern and Recent History]
CLSU CLU CSt-H CaBVaU CaOTU
CtY DS ICU IU InU
MH MiU NN NIC NNC
NcD NcU NhD NjP OrU
PSt PU RPB

Novaia inostrannaia literatura po istorii, arkheologii i etnografii [New Foreign Literature on History, Archaeology and Ethnography]

Novaia sovetskaia literatura po istorii, arkheologii i etnografii [New Soviet Literature on History, Archaeology, and Ethnography]
NNC

Novik, istoriko-genealogicheskii zhurnal [Recruit from the Gentry, Historical and Genealogical Journal]

Obshchestvo russkikh veteranov Velikoi Voiny, San Francisco. Vestnik [Society of Russian Veterans of the Great War. Herald]

Palestinskii sbornik [Palestine Review]
CLU CaOTU CtY DDO ICU
InU KU MiU NN NNC
RPB

Prepodavanie istorii v shkole [Teaching History in Schools]
CLU IaU MH NN NNC-T
NNIS

Problemy istochnikovedeniia [Problems of the Study of Historical Sources]

Revoliutsionnoe dvizhenie v Sibiri i na Dal'nem Vostoke [The Revolutionary Movement in Siberia and the Far East]
NNC

Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Nauchnye doklady vysshei shkoly, istoricheskie nauki [Ministry of Higher and Secondary Specialized Education Research Papers of Higher Schools, Historical Sciences]
CaAEU IU InU KU MH
MdBJ MiU NIC NN NNC
NNF NcU PSt RPB

Sovetskoe vostokovedenie [Soviet Oriental Studies]
CLSU CSt-H CStmoR DS MnU
NN NNC RPB WaU

Studia Mongolica [Mongolian Studies]

Ukrains'kyi istorychnyi zhurnal [Ukrainian Historical Journal]
CLU CU CaBVaU DCU IU
InU KyU NN NNC NcU
WaU

Vestnik istorii mirovoi kul'tury [Review of the History of World Culture]
CLSU CSt-H CU IU KU
LU MH NIC NN NcU
RPB ViMiM WU

Vizantiiskii vremennik [Byzantine Chronicle]
MoSU MnU RPB

Voenno-istoricheskii zhurnal [Military History Journal]
DS MH NN

Voprosy arkhivovedeniia [Problems of Archives]

Voprosy istorii [Problems of History]
CLU CSt-H CU CtY DS
FTaSU ICN ICU KU MH
MnU NN NNC NNIS NcD
NcU OCl OU PU RPB
WaU

Yaroslavl. Gosudarstvennyi Yaroslavo-Rostovskii istoriko-arkhitekturnyi i khudozhestvennyi muzei-zapovednik. Kraevedcheskie zapiski [Yaroslavl-Rostov State Historical Architecture, and Art Museum and National Monument. Regional Annals]

b) Archeology & antiquities

Akademiia nauk SSSR. Institut arkheologii. Kratkie soobshcheniia o dokladakh i polevykh issledovaniiakh [Academy of Sciences of the U.S.S.R. Institute of Archaeology. Brief Summaries of Reports and Field

Explorations]
CLSU CLU CU CaOTU CtY
DDO ICU IaU InU KU
MH-P MdU MiU MoU NCorniC
NIC NN NNC NNIS OU
OrU PU-Mu RPB

Akademiia nauk URSR, Kiev. Instytut arkheologii. Arkheologichni pam'iatky URSR [Academy of Sciences of the Ukrainian S.S.R. Institute of Archaeology. Archaeological Monuments of the Ukrainian S.S.R.]
CU DDO IU MiU NN
NNC WaU

Akademiia nauk URSR, Kiev. Instytut arkheologii. Kratkie soobshchenila [Academy of Sciences of the Ukrainian S.S.R. Institute of Archaeology. Brief Reports]
CLU DDO ICU IU InU
KU MH-P MdBJ NN NNC

Arkheologiia [Archaeology]
CU CtY InU NNC WaU

Arheologija un etnografija [Archaeology and Ethnography]

Lietuvos TSR Mokslu akademija. Ekonomikos institutas. Darbai. Trudy Instituta ekonomiki Akademii nauk Litovskoi SSR [Academy of Sciences of the Lithuanian S.S.R. Institute of Economics. Transactions]

Materialy i doslidzhennia z arkheologii Prikarpattia i Volyni [Materials and Research in the Archaeology of Ciscarpathia and Volhynia]

Materialy i issledovaniia po arkheologii SSSR [Materials and Research in the Archaeology of the U.S.S.R.]
CLU CSt CU CaOTU CoU
CtY DDO FU ICF ICU
IEN IaU InU KU MH
MH-P MdBJ MiU NIC NN
NNC OCl OHi OrU PSt
PU-Mu WU WaU

Materialy po arkheologii Evropeiskogo Severo-Vostoka [Materials on the Archaeology of Northeastern Europe]

Moscow. Gosudarstvennyi istoricheskii muzei. Pamiatniki kul'tury [State Historical Museum. Landmarks of Culture]
CLU CU CtY DDO IEN
IU MH MiU MnU NIC
NN NNC NjP RPB

Sovetskaia arkheologiia [Soviet Archaeology]
AzU CaBVaU DSI ICU KU
MoU NNC PU-Mu VaU WU

5. SOCIAL SCIENCES

a) Commerce

Biulleten' inostrannoi kommercheskoi informatsii [Bulletin of Foreign Commercial Information]

Bolgarskaia vneshniaia torgovlia [Bulgarian Foreign Trade]

Bukhgalterskii uchet [Accounting]
DBC DS KU NNC

Kooperator Kazakhstana [The Cooperative Worker of Kazakhstan]
MH

Leningrad. Institut sovetskoi torgovli. Sbornik nauchnykh rabot [Institute of Soviet Commerce. Collected Papers]

Novye tovary, informatsionnyi biulleten' [New Consumer Goods; Information Bulletin]
KU

Sovetskaia torgovlia [Soviet Commerce]
CSt-H CStmoR CU CaOOS CtY
DNAL IU MH MdBJ NN
NNC NNIS WaU

Torgovlia za rubezhom [Trade Abroad]
DS MdBJ NNIS WaU

Vneshniaia torgovlia [Foreign Trade]
CLU CSt-H CStmoR CU CaOOS
DBC DNAL DS ICU IU
KU MH MiU NN NNC
NNIS NcD OU PU RPB
TxU WaU

b) Economics

Akademiia nauk Azerbaidzhanskoi SSR, Baku. Institut ekonomiki. Trudy [Academy of Sciences of the Azerbaijan S.S.R. Institute of Economics. Transactions]
InU NNC

Akademiia nauk Gruzinskoi SSR, Tiflis. Institut ekonomiki. Trudy [Academy of Sciences of the Georgian S.S.R. Institute of Economics. Transactions]
DNAL DNLM DS MH

Akademiia nauk Kazakhskoi SSR, Alma-Ata. Sovet po izucheniiu proizvoditel'nykh sil Kazakhstana. Trudy [Academy of Sciences of the Kazakh S.S.R. Council for the Study of the Productive Forces of Kazakhstan. Transactions]
CU DS MH

Akademiia nauk SSSR. Iakutskii filial, Yakutsk. Trudy. Seriia ekonomicheskaia [Academy of Sciences of the U.S.S.R. Yakut Branch. Transactions. Economic Series]
CU CaOTU CaQMAI DNAL MH
MdBJ NIC NN NNC NcU
OCU WaU

Akademiia nauk Turkmenskoi SSR, Ashkhabad. Izvestiia. Seriia obshchestvennykh nauk [Academy of Sciences of the Turkmen S.S.R. Bulletin. Series in the Social Sciences]
ICMILC InU MH WaU

Akademiia nauk Turkmenskoi SSR, Ashkhabad. Institut ekonomiki. Trudy [Academy of Sciences of the Turkmen S.S.R. Institute of Economics. Transactions]
IU

Ekonomika Radians'koi Ukrainy [Economics of the Soviet Ukraine]
CaAEU DC IU MH NNC

Ekonomika sel'skogo khoziaistva [Economics of Agriculture]
CLSU CLU CSt CSt-H CStmoR
CU CaOOS CoFS CtY DBC
DNAL DS ICU IU IaAS
IaU KMK KU MH MdBJ
MiU MoKL NIC-A NN NNC
NNIS OU PU RPB TxCM
TXU WaU

Ekonomika Sovetskoi Ukrainy [Economics of the Soviet Ukraine]
KU

Ekonomika stroitel'stva [Economics of Construction]
CU DC DS MiU NIC

Kazan. Finansovo-ekonomicheskii institut. Uchenye zapiski [Institute of Finance and Economics. Studies]

Kiev. Universytet. Kafedra politychnoi ekonomii. Zbirnyk naukovykh prats' [University. Department of Economics. Collected Papers]

Liaudies ukis [The National Economy]

Materialy po proizvoditel'nym silam Uzbekistana [Materials on Productive Forces of Uzbekistan]
CLU DNAL MH NIC-A NNC

Mirovaia ekonomika i mezhdunarodnye otnoshenila [World Economics and International Relations]
CLSU CLU CSt-H CStmoR CU
CaOTU DC DFR DNAL DS
ICU IU InU KyU MH
MiU NIC NN NNC NhD
NjR PBL PU TxU WU

Moscow. Ekonomiko-statisticheskii institut. Voprosy statistiki i ucheta [Institute of Economics and Statistics. Problems of Statistics and Accounting]
ICU IU MiU NNC

Moscow. Universitet. Vestnik. Seriia 8: Ekonomika, filosofita [University. Review. Series 8: Economics, Philosophy]
CLU CU DS ICU IU
KU MH MBU NN NNC
RPB WaU

Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut ekonomiki sel'skogo khoziaistva. Doklady i soobshcheniia [All-Union Scientific Research Institute of Agricultural Economics. Reports and Papers]

Narodnoe khoziaistvo Armenii [The National Economy of Armenia]

Narodnoe khoziaistvo Kazakhstana [The National Economy of Kazakhstan]
DNAL DS

Narodnoe khoziaistvo Uzbekistana [The National Economy of Uzbekistan]
CU DNAL

Novaia inostrannaia ekonomicheskaia literatura [New Foreign Economic Literature]

Novaia sovetskaia ekonomicheskaia literatura [New Soviet Economic Literature]

Ob ekonomicheskikh problemakh perekhoda sotsializma k kommunizmu [On the Economic Problems of Transitions from Socialism to Communism]

Ocherki po sovremennoi sovetskoi i zarubezhnoi ekonomike [Studies on Contemporary Soviet and Foreign Economics]
CLU DS MoU

Planovoe khoziaistvo [Planned Economy]
CLSU CLU CSt-H CStmoR CU
CaOOS CaOTU CtY DBC DNAL
DS ICJ ICU IEN IU
InU KU MCM MH MiD
MiU MnU NIC-A NN NNA
NNC NNIS NcD NcU NjP
NjR O OU PBm PSt
PU RPB TxU WaU

Pytannia ekonomiky sil's'koho hospodarstva Ukrains'koi RSR [Problems in the Economics of the Agriculture of the Ukrainian S.S.R.]

Pytannia rozvytku produktyvnykh syl L'vivs'koho i Stanislavs'koho ekonomichnykh administratyvnykh raioniv [Problems of the Development of the Productive Forces of Lvov and Stanislav Economic Administrative Regions]

Referativnyi sbornik: Ekonomika promyshlennosti [Journal of Abstracts: Economics of Industry]
CU KU MH NIC PU

Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Nauchnye doklady vysshei shkoly. ekonomicheskie nauki [Ministry of Higher and Secondary Specialized Education. Research Papers of Higher Schools, Economics]
CU DS IU InU KU
MH MdBJ MiU NIC NN
NNF NjR OCoB

Sbornik nauchnykh rabot kafedr politicheskoi ekonomii vuzov g. Khar'kova [Papers by the Departments of Economics of Institutions of Higher Education]
MH WU

Sovetskaia potrebitel'skaia kooperatsiia [Soviet Consumer Cooperation]
DC

Uchenye zapiski kafedr obshchestvennykh nauk vuzov g. Leningrada; Politicheskaia ekonomiia [Studies by the Departments of Social Sciences of Leningrad Institutions of Higher Education, Economics]
CaOTU DS IFN IU KU
MH MiU NN NNC NjP
WU

Uchenye zapiski kafedr politicheskoi ekonomii vysshei partiinoi shkoly pri TsK KPSS i mestnykh vysshikh partiinykh shkol [Studies by the Departments of Economics of the Higher Party School, Attached to the Central Committee of the Communist Party of the Soviet Union, and Local Higher Party Schools]
CU DNAL DS IU NN
NNC

Uchet i finansy v kolkhozakh i sovkhozakh [Accounting and Finance on Collective and State Farms]
DNAL DS

Ukraina'kyi hospodarnyk. [The Ukrainian Economist]

Vestnik statistiki [Statistical Review]
CLU CStmoR CU CaOOS CtY
DBC DFR DS ICJ ICU
InLP KU NN NNIS NsU
RPB WaU WU

Vilna. Universitetas. Mokslo darbai. Uchenye zapiski Vil'niusskogo gosudarstvennogo universiteta. Seriia ekonomicheskikh nauk [University. Studies. Series in the Economic Sciences]

Voprosy ekonomiki [Problems of the Economy]
CLSU CLU CStmoR CU CaAEU
CaOOS CaOTU CaQMM CtY DBC
DNAL DS ICU IU KU
MH MnU NIC NN NNC
NNIS NcD NcU OU PPiU
PU RPB WaU

c) Finance

Den'gi i kredit [Money and Credit]
CLU CStmoR CU CaOOS CaOTU
DBC DS ICU IU KU
MdBJ MiU MnU NN NIC
NNC NcU TxU WU

Finansy SSSR [Finance of the U.S.S.R.]
CLSU CLU CSt-H CStmoR CtY
CaOOS CaOTU CtY DBC DS
ICU IU InU KU MH
MdBJ MiU NIC NN NNC
NNIS NcU NdU OCoB TxU
WU

d) Labor

Biulleten' nauchnoi informatsii: trud i zarabotnaia plata [Bulletin of Scientific Information. Labor and Wages]
DS IU KU MiU NNC

Okhrana truda i sotsial'noe strakhovanie [Protection of Labor and Social Insurance]
DS IU NN NNC

Rabotnitsa [The Woman Worker]
CSt-H DS MH MdBJ NN
NNIS WaU

Rabotnitsa i sialianka [The Woman Worker and the Peasant Woman]

Sotsialisticheskii trud [Socialist Labor]
CSt-H CStmoR CU CaOOS DBC
DS IU KU MiU NIC
NN NNC NNIS NcU OCoB
TxHR WU

Sovetskie profsoiuzy [Soviet Trade Unions]
CLU CSt-H CaOTU DBC MdBJ
NN NNC OCoB OU RPB
TxHR

V pomoshch' fabrichno-zavodskim i mestnym komitetam [Aid for the Factory and Local Committees]

Vil'nyi ukraina'kyi robitnyk [The Free Ukrainian Worker]

Vsemirnoe profsoiuznoe dvizhenie [World Trade Union Movement]
CLU MH NN NNC

Vsesoiuznyi TSentral'nyi Sovet Professional'nykh Soiuzov. Biulleten' [All-Union Central Council of Trade Unions. Bulletin]

Vsesoiuznyi TSentral'nyi Sovet Professional'nykh Soiuzov. Sbornik postanovlenii Prezidiuma i Sekretariata [All-Union Central Council of Trade Unions. Decisions of the Presidium and the Secretariat]

c) Sociology

Akademiia nauk Turkmenskoi SSR, Ashkhabad. Otdel filosofii i prava. Trudy [Academy of Sciences of the Turkmen S. S. R. Department of Philosophy and Law. Transactions]
IU

Azerbaĭchan gadyny [Azerbaijan Woman]

Kazach'ia zhizn' [Cossack Life]

Kazakstan elelderi [Kazakhstan Woman]

Khabarovsk. Institut inzhenerov zheleznodorozhnogo transporta. Kafedra marksizma-leninizma. Sbornik statei [Institute of Railroad Transportation Engineers. Department of Marxism-Leninism. Papers]

Klub [The Club]
DS NN NNIS

Klubnyi kalendar' [Community Center Calendar]

Komsomol'skaia zhizn' [Life of Communist Youth]
DS MH MiU NIC NN
OU

Kyrgyzstan aialdary [Kirghizistan Woman]

Nash svit [Our World]

Nashe zhytlia [Our Life]

Novkogude naine [Soviet Woman]

Padomju Latvijas sieviete [Woman of Soviet Latvia]

Radians'ka zhinka [Soviet Woman]
CLU InU MH MdBJ MnU
NN OU

Russkii vestnik [Russian Herald]

Smena [The Younger Generation]
MH NN NNC NNIS

Sotsial'noe obespechenie [Social Security]
CSt-H CStmoR CU DBC DS
KU MH NN NNIS

Sovet Turkmenistanynyn aiallary [Soviet Turkmenistan Woman]

Sovetskaia zhenshchina [Soviet Woman]
CLU DS NN NNIS OCl

Tarybine moteris [Soviet Woman]

Ukrafn'ske tsentral'ne dopomohove ob"iednannia v Avstrii. Biuleten' [Ukrainian Central Relief Association in Austria. Bulletin]

Uzbekiston khotin-kizlari [Women of Uzbekistan]

Uzbekiston sotsial in"minoti [Social Security of Uzbekistan]

Zhenshchiny mira [Women of the Whole World]

Znaina [The Younger Generation]
NNC

6. POLITICAL SCIENCE

Agitator [Agitator]
CLU CSt-H CU DS InU
KU MH MiU NNC

Bloknot agitatora [The Agitator's Notebook]. For Georgia

Bloknot agitatora [The Agitator's Notebook]. For the Ukraine.

Bloknot agitatora [The Agitator's Notebook] For White Russia

Bol'shevik Kazakhstana [Bolshevik of Kazakhstan]

Bor'ba [The Struggle]

Chasovoi [The Sentry]
DS NN NNC

Eesti kommunist [Communist of Estonia]

Kamunist Belarusi [Communist of White Russia]
InU NN NNC NNIS

Kazakstan kommunisti [Communist of Kazakhstan]

Kommunist [Communist]

Kommunist [Communist]
DBC DS NNC

Kommunist [Communist]
CLU CSt-H CStmoR CU-E CtY
DNAL DS ICN ICU IU
KU MH MnU NIC NN
NNC NNIS NcD NcU NjP
O OClW OU PU RPB
ViMiM WaU

Kommunist Belorussii [Communist of White Russia]
DBC DS NNC

Kommunist Moldavii [Communist of Moldavia]
CU DBC DS NNC

Kommunist Sovetskoi Latvii [Communist of Soviet Latvia]
CU DBC DS InNd NNC

Kommunist Ukrainy [Communist of the Ukraine]
DS NNC

Kommunist Uzbekistana [Communist of Uzbekistan]

Kommunisti Estonii [Communist of Estonia]
DS NNC

Kommunisti Tochikiston [Communist of Tajikistan]

Komunist Ukrainy [Communist of the Ukraine]
DBC IU NN NNC NNIS

Komunistaa [Communist]

Kubans'kyi krai [Kuban Region]

Latvian S. S. R. Augstaka Padome. Zinotaja [Supreme Soviet Gazette]

Leninian uglov [Lenin's Way]

Mezhdunarodnaia zhizn' [International Life]
CSt-H CStmoR CaOTU CtY-L MiDW
NIC NN ViMiM

Misiia Ukrainy. Mission of Ukraine

Molodezh' mira [World Youth]

Molodoi kommunist [The Young Communist]
CU CtY DS IU kU
MdBJ MiDW MiU NN NNC
NNIS

Moscow. Institut mezhdunarodnykh otnoshenii. Uchenye zapiski [Institute of International Relations. Studies]
CLU CSt-H CU CtY-L DBC
DS ICU MH MiU NIC
NNC PSt WU

Moscow. Ispolnitel'nyi komitet. Biulleten' [Executive Committee. Bulletin]
DS

Moscow (Province) Ispolnitel'nyi komitet. Biulleten' [Executive Committee. Bulletin]
DS

Munich. Radio Liberation. TSentral'nyi issledovatel'skii otdel. Spravochnik [Central Research Section Manual]

Nashi dni [Our Days]
CSt CtY IC MH NN
NNC

Novoe vremia [New Times]
CLL CLU CSt-H CtY DS
ICU InU MH NIC NN
NNC NNIS NNUN PSC PU
WaU

Partiia Turmushi [Party Life]

Partiinaia zhizn' [Party Life]
CLU CSt-H DS InU KU
MH MdBJ MiU NN NNC
NNIS RPB WU WaU

Partiinaia zhizn'. For Uzbekistan

Partiinaia zhizn' Kazakhstana [Party Life of Kazakhstan]
DBC DS NN NNC NNIS

Politicheskoe samoobrazovanie [Political Self-Education]
CSt-H CU CaAEU DBC DS
IU KU MH MiU NNC
WaU

Problemy mira i sotsializma [Problems of Peace and Socialism]

Russia (1917- R. S. F. S. R.) Verkhovnyi Sovet. Vedomosti [Supreme Soviet. Gazette]
IU KU MdBJ NNC-L NjP
OU

Russia (1923- U. S. S. R.) Verkhovnyi Sovet. Vedomosti [Supreme Soviet. Gazette]
CLL CLSU CLU CtY DBC
DS ICMILC ICU IU KU
MH-L MiU-L NN NNC-L NNIS
NcU OCoB OU PPC WaU

Russkoe delo [Russian Cause]

S narodom - za narod [With the People and for the People]

Sotsialisticheskii vestnik [The Socialist Courier]
CU CtY DS ICN MH
MiU NN NNU-W

Sovety deputatov trudiashchikhsia [Soviets of Workers' Deputies]
CLU DS KU MH NN

Svoboda [Freedom]
CSt-H MiD NN NNC

Turkmenistan kommunisti [Communist of Turkmenistan]

Uchenye zapiski kafedr istorii mezhdunarodnogo rabochego i natsional'no-osvoboditel'nogo dvizheniia vysshikh partiinykh shkol [Studies by the Departments of the History of the International Workers' and National Liberation Movements of Higher Party Schools]
CU MiU NNC WaU

Ukraina'kyi samostiinyk [Ukrainian Independent]

Uzbekiston kommunisti [Communist of Uzbekistan]

Vil'na Ukraina [Free Ukraine]
NN

Visnyk [The Herald]
NN

Volia [Freedom]

Voprosy istorii KPSS [Problems of the History of the Communist Party of the Soviet Union]
AzU CLU CSt-H CU CtY
ICU IEN IU KU MH
MdBJ MiU NNC NcU NjP
RPB TxHR WU

Znamia Rossii [The Banner of Russia]
CLU DS NN

7. LAW

Alma-Ata. Universitet. Uchenye trudy. Seriia iuridicheskaia [University. Studies. Juridical Series]

Moscow. Universitet. Vestnik. Seriia 10. Pravo [University. Review. Series 10. Law]
CLL CLU DS KU-L MBU
MdBJ NIC NNC-L NcU

Radians'ke pravo [Soviet Law]
CLL CU InU MH-L MdBJ
NNC NNC-L

Russia (1917- R. S. F. S. R.) Sovet Ministrov. Sobranie postanovlenii i rasporiazhenii [Council of Ministers. Regulations and Orders]

Russia (1923- U. S. S. R.) Gosudarstvennyi arbitrazh. Sbornik instruktivnykh ukazanii [State Arbitration Commission. Collection of Rules]
CLL CU MH-L MdBJ MiU
NNC

Russia (1923- U. S. S. R.) Gosudarstvennyi komitet po voprosam truda i zarabotnoi platy. Biulleten' [State Committee on Problems of Labor and Wages. Bulletin]
MH

Russia (1923- U. S. S. R.) Laws, statutes, etc. Sbornik postanovlenii, prikazov i instruktsii po finansovo-khoziaistvennym voprosam [Decisions, Orders, and Instructions on Financial and Economic Problems]
CSt-H CU ICU MH NN
NNC

Russia (1923- U. S. S. R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii, pravovedenie [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning, Jurisprudence]
CLL CU DS MdBJ MiU-L
MnU-L WaU

Russia (1923- R. S. F. S. R.) Verkhovnyi Sud. Biulleten' [Supreme Court. Bulletin]
CLU CSt-H CU DS MH-L
NNC

Sotsialisticheskaia zakonnost' [Socialist Legality]
CSt-H KU MH-L MiU-L NNC

Sovetskaia iustitsiia [Soviet Justice]
CLL CLU CSfA CSt-H CU
CaOOG CtY-L DI-GS DS ICU
IU IaU-L InU MBN MH-L
MdBJ MiU NIC NN NNA
NNB NNC NNM NjP OU
PPAN PPAmP WaU

Sovetskaia kriminalistika na sluzhbe sledstviia [Soviet Criminology in the Service of Investigation]

Sovetskoe gosudarstvo i pravo [The Soviet State and Law]
CLL CLSU CLU CSt-H CU-E
CtY DS ICU KU MH
MiU-L MnU NN NNC NNIS
NNUN OU PU RPB WaU

Voprosy kriminalistiki [Problems in Criminology]

8. EDUCATION

a) General

Akademiia pedagogicheskikh nauk RSFSR, Moscow. Doklady [Academy of Pedagogical Sciences of the R. S. F. S. R. Reports]
CLU CU DNLM IU InU
MH

Akademiia pedagogicheskikh nauk RSFSR, Moscow. Izvestiia [Academy of Pedagogical Sciences of the R. S. F. S. R. Bulletin]
CLSU CLU CSt DNLM InU
MH NIC NN NNC-T NcD
OU

Ashkhabad. Nauchno-issledovatel'skii institut shkol. Trudy [Scientific Research Institut for Schools. Transactions]

Azerbaĭchan mektebi [Azerbaijani Schools]

Doshkil'ne vykhovannia [Preschool Education]

Doshkol'noe vospitanie [Preschool Education]
CLU CSt-H CU CU-E CtY
DS IU MH MdBJ MnU
NIC NN NNC-T NNIS PU

Gulkhan

Kazakstan mektebi [Kazakhstan Schools]

Kul'turno-prosvetitel'naia rabota [Cultural and Educational Work]
CLU DS MH NN NNC
NNIS WaU

Literatura po pedagogicheskim naukam i narodnomu obrazovaniiu [Literature on the Pedagogical Sciences and Public Education]
IU InU OU

Maktabi soveti [Soviet School]

Nachal'naia shkola [Primary School]
CLU CSt-H CU CtY DS
IU MH MdBJ MnU NN
NNC-T NNIS PU

Narodnaia asveta [Public Education]

Narodnoe obrazovanie [Public Education]
CLU CSt-H CU DBC DS
ICU MH MdBJ MnU NN
NNC NcD

Novkogude kool [Soviet School]

Padomju Latvijas skola [The School in Soviet Latvia]

adlans'ke shkola [Soviet School]
CLU CU CtY InU MH
MiU NIC NNC-T NcD NcU
NjR OU TxU ViU

Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Biulleten' [Ministry of Higher and Secondary Specialized Education Bulletin]
CLU CU NNC NNIS

Sem'ia i shkola [Family and School]
CLU CSt-H CU CtY DS
MH NIC NN NNC-T NNIS
NNU

Shkola i proizvodstvo [School and Production]
MH NNC

Shkola-internat [Boarding School]

Skola da lakhovreba [School and Life]

Sovet maktabi [Soviet School]

Sovetskan mankavarzh [Soviet Teacher]

Sovetskaia pedagogika [Soviet Pedagogy]
CLU CSt-H CU CtY DS
ICJ MH MnU NIC NN
NNC NNIS PU RPB WU

Srednee spetsial'noe obrazovanie [Secondary Specialized Education]
DNLM DS

Tarybine mokykla [Soviet School]

Vechernialia srednialia shkola [Evening Secondary School]

Vestnik vysshei shkoly [Review of Schools for Higher Education]
CLU CtY DS ICU MdBJ
NN NNC NNIS PU RPB
ViU

Vozhatyi [Pioneer Guide]
DS NN NNIS

Vsemirnye studencheskie novosti [World Student News]
MH

b) Physical education & games

Fizicheskaia kul'tura v shkole [Physical Education in Schools]

Fizkul'tura i sport [Physical Education and Sports]
CLSU CU-E MH NN NNC
NNIS PU-Penn

Fizkul'tura i sport [Physical Education and Sports] In Ukrainian

Kehakultuur [Physical Culture]

Legkaia atletika [Track and Field Athletics]
NNIS

Nastoiashchee i budushchee voleibola [Present and Future of Volleyball]

Problemy psikhologii sporta [Psychological Problems in Sports]

Riga. Latvijas Valsts Fiziskas Kulturas Institute, Raksti. Trudy Latviiskogo gosudarstvennogo instituta fizicheskoi kul'tury [Latvian State Institute of Physical Culture. Transactions]

Saha [Chess]

Shakhmatnyi biulleten' [Chess Bulletin]

Shakhmaty [Chess]

Shakhmaty v SSSR [Chess in the U.S.S.R.]
CLU NN NNC NNIS OCL

Shashki [Checkers]

Sportivnaia zhizn' Rossii [Sport Life in Russia]

Sportivnye igry [Athletic Games]
NNIS

Teoriia i praktika fizicheskoi kul'tury [Theory and Practice of Physical Education]
CLSU CSt CU-E DAFM IU
MH NN NNIS NNNAM PU-Penn

ON PICTURES

Muzykal'naia zhizn' [Musical Life]
DS KU MH NIC

Novosibirsk. Gosudarstvennaia konservatoriia. Nauchno-metodicheskie zapiski [State Conservatory Scholarly and Methodological Studies]

Sovetskaia muzyka [Soviet Music]
CLU CSt-H CU CtY DS
ICU MH MiU MnU NN
NNC NNIS OU ViMiM WaU

Sverdlovsk. Ural'skaia gosudarstvennaia konservatoriia imeni M.P. Musorgskogo. Nauchno-metodicheskie zapiski [M.P. Musorgskii Ural State Conservatory Methodological Studies]
MH

c) Theater

Estrada [Stage]

Iskusstvo estrady [The Art of the Stage]

Khudozhestvennaia samodeiatel'nost' [Amateur Art Activities]
KU

Molodezhnaia estrada [Young People's Stage]
NNIS

Na dopomohu khudozhnii samodiial'nosti; repertuarnyi zbirnyk [A Guide for Art Amateurs, Repertorial Collection]

Soldatskaia estrada [Soldier's Stage]
NNC

Sovetskii tsirk [The Soviet Circus]

Teatr [The Theater]
CLSU CLU CU CtY DS
ICR MH MiU NN NNC
NNIS RPB

Teatral'naia zhizn' [Life of the Theater]
CU KU MH NIC NN

10 FINE ARTS

a) General

Dekorativnoe iskusstvo SSSR [Decorative Art of the U.S.S.R.]
KU NIC OrCS

Iskusstvo [Art]
CU CtY DS ICA IU
KU MB MH NIC NN
NNC NNIS NNMM RPB

Iskusstvo Azerbaidzhana [The Art of Azerbaijan]
CLU MH

Iskusstvo knigi [The Art of the Book]
ICN KU MH NNC

Khudozhnik [Artist]
DS KU NN

Latviesu telotaja maksla [Latvian Fine Arts]

Leningrad. Ermitazh. Soobshcheniia [Hermitage. Reports]
CLSU CSmH DSI-M ICU MH
MdBWA NN NNC NNU

Leningrad. Ermitazh. Trudy [Hermitage Transactions]
CU CtY DBO ICA InU
KU MH MiU NN NNC
NcD OCl

Letopis' izobrazitel'nogo iskusstva [Chronicle of Fine Arts]
CLU InU KU MH MtBC
NN NNC NNIS

Lvov. Ukraina'kyi derzhavnyi muzei etnografii ta khudozhn'oho promyslu. Pratsi [Ukrainian State Museum of Ethnography and the Art Industries. Transactions]
CU NNC

Maksla [Art]

Mysletstvo [Art]

Sovetskan arvost [Soviet Art]

Tvorchestvo [Creative Work]
CSt-H CU ICA MH MoS
NN NNC

Zagorsk. Gosudarstvennyi istoriko-khudozhestvennyi muzei-zapovednik. Soobshcheniia [State Historical and Art Museum and National Monument. Reports]

b) Architecture

Akademiia budivnytstva i arkhitektury URSR. Visnyk [Academy of Construction and Architecture of the Ukrainian S.S.R. Journal]

Akademiia stroitel'stva i arkhitektury SSSR. Institut obshchestvennykh zdanii. Obshchestvennye zdaniia; sbornik nauchnykh soobshchenii [Academy of Construction and Architecture of the U.S.S.R. Institute of Public Buildings. Public Buildings, Scientific Reports]

Arkhitektura SSSR [Architecture of the U.S.S.R.]
CLU CU CaQMM CtY GAT
ICB ICR ICU InU MH
MdBJ MnU MoKL MtBC NN
NNC NNIS NNMM NjP PU
RPB WaU

Arkhitekturnoe nasledstvo [Architectural Heritage]
CLU CSt CU CtY DDO
DS InU KU NN NNC
PSt WaU

Problemy sovetskogo gradostroitel'stva [Problems of Soviet City Planning]
MH NNC

Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii, stroitel'stvo i arkhitektura [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of the Higher Education, Construction and Architecture]
CaOON ICMILC

Sovetskaia arkhitektura [Soviet Architecture]
CU CtY FMU IU
NBC NN NNC NcD

Stroitel'stvo i arkhitektura [Construction and Architecture]

Stroitel'stvo i arkhitektura Leningrada [Construction and Architecture in Leningrad]
KU MH NN NNU

Stroitel'stvo i arkhitektura Moskvy [Construction and Architecture in Moscow]
CU DAIA MH MoKL

Voprosy massovogo zhilishchnogo stroitel'stva [Problems of Mass Housing Construction]

Voprosy teorii arkhitektury [Problems of the Theory of Architecture]

Voprosy vseobshchei istorii arkhitektury [Problems of the General History of Architecture]

11. LANGUAGE, LITERATURE & FOLKLORE

a) Language

Akademiia nauk Kazakhskoi SSR, Alma-Ata. Izvestiia. Seriia filologii i iskusstvovedeniia [Academy of Sciences of the Kazakh S.S.R. Bulletin. Series of Philology and Art]
KU KyU MH NIC
NNC TxU WaU

Akademiia nauk Kazakhskoi SSR, Alma-Ata. Trudy. Seriia iazyka i literatury. Trudy [Academy of Sciences of the Kazakh S.S.R. Institute of Language and Literature. Transactions]
CU MH NNC

Akademiia nauk BSSR, Minsk. Institut movy i literatury. Pratsy [Academy of Sciences of the White Russian S.S.R. Institute of Linguistics. Transactions]
CLU CU CtY IU
MH MiU NN NNC

Chernovtsy. Universytet. Naukovi zapysky. Seriia romano-germans'koi filologii [University. Series in the Romance and Germanic Philology]

Dagestan; literaturno-khudozhestvennyi al'manakh [Daghestan, Literary Almanac]

Inostrannoye iazyki v shkole [Foreign Languages in Schools]
CaQMM MH MnU NcU

Issledovaniia po anglliskoi filologii [Studies in English Philology]

Kalbos kultura [Speech Culture]
MH

Keel ja kirjandus [Language and Literature]

Khotuga sulus [Star of the North]

Latvijas Padomju Sotsialistiskas Republikas Zinatnu akademija. Valodas un literatures institute [Academy of Sciences of the Latvian S.S.R. Institute of Languages and Literature]
CLU CU MH NN

Leksikograficheskii sbornik [Lexicographical Collection]
CLU CU DS IU
MH MiU MnU NN
NNC PSt WaU

Movoznavstvo [Linguistics]
CU CtY MH MiU
NNC NjP OU

Naukove tovarystvo imeni Shevchenka. Zbirnyk prats' movoznavstva [Shevchenko Scientific Society. Linguistic Studies]

Novaia inostrannaia literatura po iazykoznaniiu [Foreign Literature in Linguistics]

Novaia sovetskaia literatura po iazykoznaniiu [Soviet Literature on Linguistics]

Novosibirsk. Gosudarstvennyi pedagogicheskii institut. Uchenye zapiski [State Pedagogical Institute. Scholarly Papers]
MH

Prepodavanie Azerbaidzhanskogo iazyka i literatury; metodicheskii sbornik [Teaching the Azerbaijan Language and Literature. Methodology]

Redaktory knigi ob opyte svoei raboty [Book Editors on their Work Experience]
NNC

Romano-germanskaia filologiia [Romance and Germanic Philology]
NN

Russkii iazyk v natsional'noi shkole [The Russian Language in Non-Russian Schools]
CLU CSt CU-Riv Cty
MH NhD PU Wall

Russkii iazyk v shkole [Russian Language in the School]
CLU CSt-H CU Cty
FTaSU InU MH Mnt
NN NNIS RPB WU

Slavistica

Uchitelia angliiskogo iazyka o svoei rabote [The Teachers of English About Their Work]

Ufa. Bashkirskii gosudarstvennyi universitet. Uchenye zapiski. Seriia filologicheskaia [Bashkir State University. Studies. Philological Series]

Ukraïns'ka mova v shkoli [Ukrainian Language in Schools]
MH

Uzbek tili v adabieti masalalari [Problems of Uzbek Language and Literature]
PU

V pomoshch' prepodavateliu russkogo iazyka v Amerike [A Guide for Teachers of the Russian Language in America]
CLU

Voprosy istorii i dialektologii kazakhskogo iazyka [Problems in the History and Dialectology of the Kazakh Language]

Voprosy kul'tury rechi [Problems in Speech Culture]

b) Literature & folklore

Akademiia nauk Azerbaidzhanskoi SSR, Baku. Institut literatury i iazyka. Trudy [Academy of Sciences of the Azerbaijan S.S.R. Institute of Literature and Language. Transactions]
CLU MH RPB TxU

Akademiia nauk SSSR, Izvestiia. Otdelenie literatury i iazyka [Academy of Sciences of the U.S.S.R. Bulletin. Department of Literature and Language]
CLSU CLU CU CaOTU CtY
DNLM ICU LU MH MiU
MnU NN NNC NNIS NcD
OCl OU PPT RPB WaU

Ala-Too, literaturno-khudozhestvennyi i obshchestvenno-politicheskii zhurnal [Ala-Too, Literary and Sociopolitical Magazine]

Altai; literaturno-khudozhestvennyi i obshchestvenno-politicheskii al'manakh [Altai, Literary and Sociopolitical Almanac]

Angara; literaturno-khudozhestvennyi i obshchestvenno-politicheskii al'manakh [Angara, Literary and Sociopolitical Almanac]
MH

Ashkhabad; literaturno-khudozhestvennyi i obshchestvenno-politicheskii al'manakh [Ashkhabad, Literary and Sociopolitical Almanac]
MH

Azerbaidzhan [Azerbaijan]

Baigal [Baikal]

Baikal

Dal'nii Vostok [Far East]
DS MH NN

Dila [Morning]

Dnestr [Dniester]

Dnipro [Dnieper]
CLU CaOTU CtY MH NN
NNC WaU

Don
MH NN NjP

Drosha [The Banner]

Druzhba narodov [Friendship of Peoples]
CLU CSt-H CU CaOTU CtY
DS ICMILC IU InNd MiU
MnU NN NNC NNIS NcD
OU

Enisei; literaturno-khudozhestvennyi al'manakh [Yenisey; Literary Almanac]
CLU NNC

Granï [Frontiers]
NNC

Gulistan

Inostrannaia literatura [Foreign Literature]
CU ICU IU MH MiU
NN NNC NNIS NjP OU
RPB WaU

Iunost' [Youth]
CLU ICU MH NIC NN
NNC NNIS NRU WU

Karoga [The Banner]

Kuban', literaturno-khudozhestvennyi al'manakh [Kuban, Literary Almanac]
MH

Literatura i iskusstvo narodov SSSR i zarubezhnykh stran; bibliograficheskii biulleten' [Literature and Art of the Peoples of the U.S.S.R. and Foreign Countries; Bibliographical Bulletin]
DS

Literatura i sovremennost' [Literature and the Present]
ICU InU

Literatura slavianskikh narodov [Literature of Slavic Peoples]
CLSU CLU CU ICU IU
KU MiU NN NNC NcD
NjP NjR RPB TxU

Literatura v shkole [Literature in Schools]
CU CtY DS InU MH
NN NNC NNIS NhD OU

Literatura v shkoli [Literature in Schools]

Literaturnaia Armeniia [Literary Armenia]
NNC

Literaturnaia Gruziia [Literary Georgia]
DS MH

Literaturnyi arkhiv [Literary Archives]
CLU CSt-H CU CaOTU CtY
FMU ICU LU MH MiU
NIC NN NNC NcD PSt
PU RPB WaU

Literaturnyi Azerbaidzhan [Literary Azerbaijan]
DS NNIS

Literaturnyi Kirgizstan [Literary Kirghizistan]

Looming [Creative Work]
NN

Moksha, literaturno-khudozhestvennyi i obshchestvenno-politicheskii zhurnal [Moksha, Literary and Sociopolitical Almanac]

Molodaia gvardiia, literaturno-khudozhestvennyi i obshchestvenno-politicheskii zhurnal [Young Guard, Literary and Sociopolitical Magazine]
CU DS KU MiU NN
NNC

Moscow. Universitet. Vestnik. Seriia 7: Filologiia, zhurnalistika [University Review. Series 7: Philology, Journalism]
CU CaAEU CaOTU ICU MBU
MH NN NNC NRU NcU
NjR RPB

Moskva [Moscow]
CLU CU CaQMM CtY DS
ICU IU InLP KU MH
MiDW NIC NN NjP OU
Pst RPB WU

Mosty literaturno-khudozhestvennyi i obshchestvenno-politicheskii al'manakh [Bridges, Literary and Sociopolitical Almanac]
CaOTU CtY MH MiU NN
NNC

Na rubezhe [At the Frontier]
KU

Nash sovremennik [Our Contemporary]
CLU CU CaOTU DS FMU
GU IU InU LU MH
MNS MiDW MiU NN NNC
NjP OU PSt RPB ViMiM
WU WaU

Nemon [Nieman River]
MH

Neva
CLU CU CaOTU DS GEU
IU KU MH MiU NN
NNC NNIS NcD NjP NjR
RPB WU

Nistrul [Dniester River]

Novaia inostrannaia literatura po literaturovedeniiu [New Foreign Literature on the Study of Literature]

Novaia sovetskaia literatura po literaturovedeniiu [New Soviet Literature on the Study of Literature]

Novyi mir [The New World]
CL CLU CSt-H CU CaQMM
CtY DS ICU KU MiD
MiU MnU NIC NN NNC
NNIS NcD OCl OU RPB
TxU WaU

Novyi zhurnal [The New Review]

Oktiabr' [October]
CLU CSt-H CU CtY DS
ICU KU MH MdBJ MnU
NN NNC NNIS NcD OU
PU RPB WaU

Parus [The Sail]

Pergale [The Victory]

Pod"em [Upswing]
KU

Poltava. Literaturno-memorial'nyi muzei I. P. Kotliarevs'kogo. Naukovi zapysky [The I. P. Kotliarevs'kyi Literary Memorial Museum. Studies]

Polymia [Flame]
ICF NN NNC

Prapor; literaturno-khudozhnii ta hromads'ko-politychnyi zhurnal [Banner, Literary and Sociopolitical Magazine]

Prostor [Wide-open spaces]
DS MH NN

Punalippu [The Red Banner]

Pytannia Shevchenkoznavstva [Problems in the Study of Shevchenko]
MH MiU NN NNC

Radians'ke literaturoznavstvo [Soviet Literary Review]
CLU CU CtY InU NN
NNC WaU

Russkaia literatura [Russian Literature]
CLSU CLU CU CtY DS
GEU IU InU KU MH
NIC NN NNC NRU NjP
NjR PU RPB TNJ WU

Shark tulduzi [Star of the East]

Sharki Surkh [The Red East]

Sibirskie ogni [Siberian Lights]
CLU CSt-H CU KU NN
NNC

Sovet edebiiaty [Soviet Literature] In Tatar

Sovet edebiiaty [Soviet Literature] In Turkmen

Sovetskaia grakanutiiun [Soviet Literature]

Sovetskaia pechat' [Soviet Press]
CSt-H KU MH NIC NN
NNF OCoH ViMiM

Sovetskaia Ukraina [Soviet Ukraine]

Sovremennaia dramaturgiia [Contemporary Dramaturgy]
CLSU CU CaOTU CtY IEN
IU IaU InU KU LU
MH MdBJ MiU NIC NNC
NcD OU PSt RPB TU

Sovremennik [Contemporary]

Stavropol'e, literaturno-khudozhestvennyi al'manakh [Stavropol Life, Literary Almanac]

Suchasnist', literatura, mystetstvo, suspil'ne zhyttia [Our Times, Literature, Art, and Social Problems]
MiU

Surani toli, literaturno-khudozhestvennoi dy obshchestvenno-politicheskoi zhurnal [Sura Lights, Literary and Sociopolitical Magazine]

Tăvan Atăl [Native Volga]

Ulug-khem, literaturno-khudozhestvennyi al'manakh [Ulug-khem, Literary Almanac]

Ural
KU

Urga, Mongolia. Institutum linguae et litterarum. Studia folclorica [Institute of Language and Literature. Folklore Studies]

Vitchyzna [Our Country]
CLU CtY DS NIC NN
NNC

Volga
NNC WaU

Voprosy kazakhskoi sovetskoi literatury [Problems of Kazakh Soviet Literature]

Voprosy literatury [Problems of Literature]
CLU CU CaAEU CaOTU CaQMM
DS ICU IU InLP KU
MNS MdBJ MiDW NN NNC
NcD NjP OU PSt PU
RPB TxU ViMiM WaU

Voprosy tvorchestva i iazyka russkikh pisatelei [Problems in the Literature and Language of Russian Writers]

XVIII vek [The 18th Century]

Vostochnyi al'manakh [Oriental Almanac]
NNC

Vozrozhdenie [Renaissance]
CLU CtY NN NNC

Zhovten' [October]
DS MH

Zhildyz [Star]

Znamia [The Banner]
CLU CSt-H CU CaOTU CtY
DS ICU InU MH MnU
NN NNC NcD OU RPB
WaU

Zvezda [The Star]
CLU CSt-H CU CoU CtY
DS KU MH NN NNC
NNIS NcD OU RPB WaU

Zvezda Vostoka [Star of the East]
NNIS

12. GEOGRAPHY & GEOLOGY

a) Ethnology

Akademiia nauk SSSR. Institut etnografii. Kratkie soobshcheniia [Academy of Sciences of the U.S.S.R. Institute of Ethnography. Brief reports]
CLU CU CaOTU CtY DBC
DS FCU MH-P NN NNC
NNIS NNM NhD OU OkU
Pu-Mu

Akademiia nauk SSSR. Institut etnografii. Trudy [Academy of Sciences of the U.S.S.R. Institute of Ethnography. Transactions]
AMAU CLSU CLU CSt CSt-H
CU CaOTU CoU DNLM DS
ICF ICU IEN IU IaU
InU KU LU MBU MH
MH-P MiD MiDW MoSW NIC
NN NNC NNU NcD NhD
NjP NjR OCl OU OrU
PPiU PU-Mu RPB TxU ViMiM
WHi WU WaU

Akademiia nauk SSSR. Muzei antropologii i etnografii. Sbornik [Academy of Sciences of the U.S.S.R. Museum of Anthropology and Ethnography. Papers]
CLSU CLU Cst CU CaOOG
CaOONM CtY DSI-M ICF ICU
InU MH-P MiU NIC NN
NNC NNM NNNAM PU PU-Mu
WU WaU

Etnograficheskii abornik [Ethnographic Papers]

Geograficheskoe obshchestvo SSSR Otdelenie etnografii Materialy [Geographical Society of the U.S.S.R. Department of Ethnography Materials]

Materialy z antropologii Ukrainy [Materials on the Anthropology of the Ukraine]
IU NNC

Narodna tvorchist' ta etnografiia [Folk Art and Ethnography]
CU IaU InU MH NN
NNC

Sovetskaia etnografiia [Soviet Ethnography]
CLSU CLU CSt CSt-H CU
CtY DBC DS DSI-E DSI-M
ICU ICU MH MH-P MiU
MoSU MnU NN NNC NNIS
NNM NcD NjP OCI OU
PU PU-Mu TxU WU WaU

Voprosy antropologii [Problems of Anthropology]

b) Geography

Akademiia nauk Kazakhskoi SSR, Alma-Ata. Izvestiia, Seriia geograficheskaia [Academy of Sciences of the Kazakh S.S.R. Bulletin, Geographical Series]

Akademiia nauk Kazakhskoi SSR, Alma-Ata. Otdel geografii Trudy [Academy of Sciences of the Kazakh S.S.R. Department of Geography Transactions]
CSt-H ICMILC IU InU KU
MH NIC NNC PU WaU

Akademiia nauk SSSR. Izvestiia, Seriia geograficheskaia [Academy of Sciences of the U.S.S.R. Bulletin, Geographical Series]
CLU CU-Riv CaBVaU CaOTU CtY
DBC DNAL DS DWB FTaSU
ICJ ICU IU MBdAF MiDW
MnU MoKL NN NNC NNIS
NcU NhD OCU OCoB OU
PSt RPB TxCM

Akademiia nauk SSSR. Institut merzlotovedeniia. Trudy [Academy of Sciences of the U.S.S.R. Institute of Permafrost. Transactions]
CU CaOOG CaOTU CaQMAI CtY
DI-GS DNAL ICU IU InU
KU MH MiU NN NNM
OU TxU WaU

Akademiia nauk SSSR. Institut okeanologii Trudy [Academy of Sciences of the U.S.S.R. Institute of Oceanography. Transactions]
CLSU CLU CaOOG DI DN-HO
DWB FMU KU MH-Z MiU
MoKL NIC NIC-A NN NNC
RPB WaU

Akademiia nauk SSSR. Laboratoriia ozerovedeniia. Trudy [Academy of Sciences of the U.S.S.R. Laboratory of Limnology Transactions]
CLSU CLU ICMILC IU InU
KU NIC PPAN

Akademiia nauk SSSR. Morskoi gidrofizicheskii institut. Trudy [Academy of Sciences of the U.S.S.R. Marine Hydrophysical Institute Transactions]
CLU CU-S CaOTU DN-HO IEN
IU MCM MH-Z MdBJ MiU
NIC NN NNC RPB TxU
WaU

Akademiia nauk SSSR. Okeanograficheskaia komissiia Biulleten' [Academy of Sciences of the U.S.S.R. Oceanographic Commission. Bulletin]
CLSU CU-S CaQMAI DN-HO IU
NNM NIC WaU

Akademiia nauk SSSR. Okeanograficheskaia komissiia. Trudy [Academy of Sciences of the U.S.S.R. Oceanographic Commission. Transactions]
CLSU CLU CU CU-S DN-HO
DNAL ICU KU MWhB MiU
NIC WaU

Eesti geograafia seltsi. Publikatsioonid. Publikatsii Estonskogo geograficheskogo obshchestva [Estonian Geographical Society. Publications]

Geograficheskoe obshchestvo SSSR Geograficheskii sbornik [Geographic Society of the U.S.S.R. Geographical Papers]
CLSU CLU CU CaQMM CtY
DNAL DN-HO FMU ICU IU
InU MnU NIC NN NNC
NNM NcU OU WU WaU

Geograficheskoe obshchestvo SSSR. Izvestiia [Geographic Society of the U.S.S.R. Bulletin]
CLSU CLU CSfA CSt CSt-H
CU CaOTR CtY DBC DI-GS
DNAL DS DSI-E DWB ICF
ICJ ICU IU IaU KU
MBA MBAt MBN MBdAF MH
MH-Z MdBJ MiU MnU MoKL
N NIC NN NNA NNC
NNIS NNM Nh NjP OCU
PPAN PPAmP RPB TxU WaU

Geograficheskoe obshchestvo SSSR Zapiski. Novaia seriia [Geographic Society of the U.S.S.R. Records, New Series]
CSt CSt-H CtY DN-HO DNAL
FMU ICU IEN IU IaU
MiU NN OU WaU

Geograficheskoe obshchestvo SSSR Buriatskii filial Kraevedcheskii abornik [Geographic Society of the U.S.S.R. Buryat Branch Regional Studies Papers]
DS WaU

Geograficheskoe obshchestvo SSSR. Kirgizskii filial. Izvestiia [Geographic Society of the U.S.S.R. Kirghiz Branch. Bulletin]

Geograficheskoe obshchestvo SSSR. Komi filial Izvestiia [Geographical Society of the U.S.S.R. Komi Branch Bulletin]

Geograficheskoe obshchestvo SSSR. Voronezhskii otdel Izvestiia [Geographical Society of the U.S.S.R. Voronezh Department. Bulletin]

Geograficheskoe obshchestvo SSSR. Uzbekistanskii filial Izvestiia [Geographic Society of the U.S.S.R. Uzbekistan Branch Bulletin]
CU MH

Geograficheskyi zbirnyk [Geographic Review]
MH

Geografiia v shkole [Geography in Schools]
CSt-H CU DS IaU InU
MH NN NNC NNIS OCU
OU WaU

Kartograficheskaia letopis' [Cartographic Chronicle]
CU CtY DNAL DS ICU
MiU NN NNC

Leningrad. Arkticheskii i antarkticheskii nauchno-issledovatel'skii institut. Trudy [Arctic and Antarctic Scientific Research Institute. Transactions]
CLSU CLU CSfA CSt CU
CU-S CaOOG CaOON CaOTR CaOTU
CtY DNLM DI-GS DN-HO DSI-M
DWB ICF ICJ IEN IU
MBN MBdAF MCM MH-Z MWhB
MiU NIC-A NN NNC NNM
NcD NjP OU PPAN WU
WaU

Leningrad. Gosudarstvennyi gidrologicheskii institut. Sbornik rabot po gidrologii [State Hydrological Institute. Papers on Hydrology]

Leningrad. Gosudarstvennyi gidrologicheskii institut. Trudy [State Hydrological Institute. Transactions]
DNAL MWhB MoKL NIC-A NN
WaU

Letopis' Severa [Chronicle of Reviewa]
CLU CU FTaSU KU NIC
NNC NcU NhD WaU

Moscow. Gosudarstvennyi okeanograficheskii institut. Trudy [State Oceanographical Institute. Transactions]
CSfA CU CU-S CaOON GAT
ICU IU MBN MWhB NBuB
NN NNM OU PPAN WaU

Moscow. Universitet Vestnik. Seriia 5: Geografiia [University. Review. Series 5 Geography]
CU CU-Riv DBC DNAL ICU
IEN InU MBU MH MH-Z
MdBJ NN NNC NcU NhD
RPB WaU

Moscow. Universitet. Geograficheskii fakul'tet. Informatsionnyi abornik o rabotakh po Mezhdunarodnomu geofizicheskomu godu [University. Geographical Faculty. Information on the Work of the Geographical Faculty of Moscow State University for the International Geophysical Year]

Moscow. Universitet. Khibinskaia geograficheskaia stantsiia. Trudy [University. Khibiny Geographical Station Transactions]

Referativnyi zhurnal: Geografiia [Journal of Abstracts: Geography]
CLSU CLU CtY DBC DNLM
FTaSU IU InLP InU KU
LU MH MdU MnU MoKL
MoU NIC NN NNC NNF
NNIS NhD OCU OCoB OU
P PSt WaU

Russkie uchenye-issledovateli Srednei Azii [Russian Scientist Explorers of Central Asia]
CSt-H MH NNC

Sbornik statei po kartografii [Collected Papers on Cartography]
DBC

Strany i narody Vostoka [Countries and Peoples of the Orient]

Okeanologiia [Oceanology]
CSt CaOOG ICF MH-Z MoKL
NIC WaU

Problemy Arktiki i Antarktiki [Problems of the Arctic and the Antarctic]
KyU NhD

Problemy Severa [Problems of the North]
CLU CSt-H CU CtY CaOON
CaQMAI DNAL DS ICU IU
InU MH MiU NIC NN
NNC NhD WaU

Referativnyi zhurnal. Otdel'nyi vypusk 35: Kraevedenie [Journal of Abstracts. Separate Issue 35: Regional Studies]

Turistskie tropy, al'manakh [Tourist Trails Almanac]

Vokrug sveta [Around the World]
ICU MH NN NNIS

Vologodskii krai [Vologda Region]
InU NNC

Zemlevedenie [Physical Geography]
AMAU CLU CSt-H CtY IaU
DBC DNAL KyU MH NN
NcD NcU OU WaU

c) Geology & paleontology

Akademiia nauk Armianskoi SSR. Erevan. Geologicheskie i geograficheskie nauki [Academy of Sciences of the Armenian S.S.R. Bulletin, Geological and Geographical Sciences]
ICU MH-Z NN NjP

Akademiia nauk Azerbaidzhanskoi SSR. Baku. Seriia geologo-geograficheskikh nauk [Academy of Sciences of the Azerbaijan S.S.R. Bulletin, Geological and Geographical Series]
CU DNAL IU KU
MnU MoKL NN RPB

Akademiia nauk Azerbaidzhanskoi SSR. Institut geologii. Trudy [Academy of Sciences of the Azerbaijan S.S.R. Institute of Geology Transactions]
MH RPB

Akademiia nauk Azerbaidzhanskoi SSR. Sektor geologii. Trudy [Academy of Sciences of the Azerbaijan S.S.R. Sector of Geology Transactions]
CU ICMILC

Akademiia nauk Gruzinskoi SSR. Tbilisi. Institut. Trudy. Geologicheskaia seriia [Academy of Sciences of the Georgian S.S.R. Institute. Transactions. Geological Series]
IU NNC

Akademiia nauk Gruzinskoi SSR. Tbilisi. Institut. Trudy. Mineralogo-petrograficheskaia seriia [Academy of Sciences of the Georgian S.S.R. Institute. Transactions. Mineralogical-Petrographical Series]
CU IU PPAN

Akademiia nauk Gruzinskoi SSR. Tbilisi. Institut biologii. Trudy [Academy of Sciences of the Georgian S.S.R. Institute of Paleobiology Transactions]
NjP

Akademiia nauk Kazakhskoi SSR. Alma-Ata. Seriia geologicheskaia [Academy of Sciences of the Kazakh S.S.R. Bulletin, Geological Series]
KyU MCM MoKL NjP
OkU PPAN

Akademiia nauk SSSR. Izvestiia. Seriia geologicheskaia [Academy of Sciences of the U.S.S.R. Bulletin, Geological Series]
CLSU CLU CU CU-Riv CtY
CaOOG CaOTR CaOTU DNLM
DS DSI-M IEN IU InU
MBA MBN MdBJ MiU MnU
MoKL NNA NNC NNIS NcU
NhD NjP OU PPAN RPB
TxHR TxU WaU

Akademiia nauk SSSR. Dagestanskii filial. Geologicheskii institut. Trudy [Academy of Sciences of the U.S.S.R. Dagestan Branch Geological Institute Transactions]

Akademiia nauk SSSR. Geologicheskii institut [Academy of Sciences of the U.S.S.R. Institute. Transactions]
CLU DNAL IU KU
MoKL NIC NNC NcD
OkU PPAN TxU

Akademiia nauk SSSR. Geologicheskii muzei [Academy of Sciences of the U.S.S.R. Museum. Transactions]
CLSU CSfA CSt CtY
CaOON CaOTR CaQTU CtY
DSI-M ICF IaU MiHA
MH MH-Z MdBJ MoSU
MoU MiU N NcD
NN NNA NNC NRM
OCU OCiW OO OU
PP PPAN PU TxU

Akademiia nauk SSSR. IAkutskii filial. Seriia geologicheskaia [Academy of Sciences of the U.S.S.R. Yakut Branch. Transactions. Geological Series]
CU CaOOG NIC

Akademiia nauk SSSR. Institut geologii rudnykh mestorozhdenii, petrografii, mineralogii i geokhimii [Academy of Sciences of the U.S.S.R. Institute of Geology of Ore Deposits, Petrology, Mineralogy, and Geochemistry. Transactions]
CLU CU CaOOG KyU
InU KU MoKL NjP
PSt TCU TxU WaU

Akademiia nauk SSSR. Institut mineralogii geokhimii i kristallokhimii redkikh elementov. Trudy [Academy of Sciences of the U.S.S.R. Institute of Mineralogy, Geochemistry, and Crystallography of Rare Elements. Transactions]
CLU CU KyU NcU
NN TxU

Akademiia nauk SSSR. Kamchatskaia vulkanologicheskaia stantsiia. Biulleten' Vulkanologicheskoi stantsii [Academy of Sciences of the U.S.S.R. Kamchatka Volcanic Station. Bulletin of the Volcanic Station]
CLU CU DI-GS ICJ ICU
InU NN NNC

Akademiia nauk SSSR. Kazanskii filial. Izvestiia. Seriia geologicheskikh nauk [Academy of Sciences of the U.S.S.R. Kazan Branch. Bulletin Series in the Geological Sciences]
CU IU NNC

Akademiia nauk SSSR. Kazanskii filial. Trudy. Seriia geologicheskikh nauk [Academy of Sciences of the U.S.S.R. Kazan Branch. Transactions Series in the Geological Sciences]

Akademiia nauk SSSR. Komi filial, Syktyvkar. Institut geologii. Trudy [Academy of Sciences of the U.S.S.R. Komi Branch. Institute of Geology Transactions]
CU NIC

Akademiia nauk SSSR. Komissiia po izucheniiu chetvertichnogo perioda. Trudy [Academy of Sciences of the U.S.S.R. Commission for the Study of the Quaternary Period. Transactions]
CLU CSt DI-GS DNLM MShM
NIC NN NNC NNM OkU
PPAN

Akademiia nauk SSSR. Komissiia po opredeleniiu absoliutnogo vozrasta geologicheskikh formatsii. Biulleten' [Academy of Sciences of the U.S.S.R. Commission on Determination of the Absolute Age of Geological Formations. Bulletin]
CU IU InU NIC

Akademiia nauk SSSR. Laboratoriia geologii dokembriia. Trudy [Academy of Sciences of the U.S.S.R. Laboratory of the Geology of the Pre-Cambrian. Transactions]
CLU CU FMU ICMILC IU
InU KU NIC

Akademiia nauk SSSR. Laboratoriia gidrogeologicheskikh problem. Trudy [Academy of Sciences of the U.S.S.R. Laboratory for Hydrogeological Problems. Transactions]
CLU DNAL ICJ InU KU
MiDW MoKL NN NNC OU

Akademiia nauk SSSR. Laboratoriia vulkanologii. Trudy [Academy of Sciences of the U.S.S.R. Laboratory of Volcanology. Transactions]
CSt DN-HO KU NN NNC
WaU

Akademiia nauk SSSR. Mezhduvedomstvennaia komissiia po izucheniiu geologii i geografii karsta. Informatsionnyi sbornik [Academy of Sciences of the U.S.S.R. Interdepartmental Committee for the Study of the Geology and Geography of Karst Information Bulletin]

Akademiia nauk SSSR. Paleontologicheskii institut. Trudy [Academy of Sciences of the U.S.S.R. Institute of Paleontology. Transactions]
CLCM CLSU CLU CSfA CSt
CU CaOOG CaOON CaOONM CaOTU
CaQMBM CaQMMM CtY DI-GS DSI-M
FTaSU InU KU LU MBN
MH-Z MnU MoKL NIC NN
NNC NNIS NNM NcD NcRS
NoU NjP OCU OU PPAN
TxU WaU

Akademiia nauk SSSR. Sibirskoe otdelenie. Institut geologii i geofiziki. Trudy [Academy of Sciences of the U.S.S.R. Siberian Department. Institute of Geology and Geophysics Transactions]
CU CaOOG InU MiU

Akademiia nauk SSSR. Sibirskoe otdelenie. Vostochno-Sibirskii geologicheskii institut. Trudy [Academy of Sciences of the U.S.S.R. Siberian Department. East Siberian Geological Institute. Transactions]
CU

Akademiia nauk SSSR Sibirskoe otdelenie. Vostochno-Sibirskii geologicheskii institut. Trudy. Seriia geologicheskaia [Academy of Sciences of the U.S.S.R Siberian Department East Siberian Geological Institute. Transactions. Geological Series]

Akademiia nauk SSSR. Ural'skii filial, Sverdlovsk. Gorno-geologicheskii institut. Trudy [Academy of Sciences of the U.S.S.R. Ural Branch. Mining-Geological Institute. Transactions]
CLU CU DI FMU KU
NIC NNC NNM TxU

Akademiia nauk Tadzhikskoi SSR, Dushanbe. Institut geologii. Trudy [Academy of Sciences of the Tajik S.S.R. Institute of Geology Transactions]

Akademiia nauk URSR, Kiev. Instytut geologichnykh nauk. Trudy. Seriia gidrogeologii i inzhenernoi geologii [Academy of Sciences of the Ukrainian S.S.R. Institute of Geological Sciences. Transactions. Series in Hydrogeology and Engineering Geology]

Akademiia nauk URSR, Kiev. Instytut geologichnykh nauk. Trudy. Seriia petrografii, mineralogii i geokhimii [Academy of Sciences of the Ukrainian S.S.R. Institute of Geological Sciences. Transactions. Petrographical, Mineralogical, and Geochemical Series]
ICMILC InU NIC

Akademiia nauk URSR, Kiev. Instytut geologichnykh nauk. Trudy. Seriia stratigrafii i paleontologii [Academy of Sciences of the Ukrainian S.S.R. Institute of Geological Sciences. Transactions. Stratigraphical and Paleontological Series]
CU CU-S DNAL DSI IU
MiU NNC PPAN

Akademiia nauk URSR, Kiev. Instytut geologichnykh nauk. Trudy. Seriia stratygrafii i paleontologii [Academy of Sciences of the Ukrainian S.S.R. Institute of Geological Sciences. Transactions. Stratigraphical and Paleontological Series]. In Ukrainian
FMU

Apatity. Seismicheskaia stantsiia. Biulleten' [Seismic Station. Bulletin]
CU-S

Baku. Azerbaidzhanskii gosudarstvennyi universitet Uchenye zapiski. Geologo-geograficheskaia seriia [Azerbaijan State University Studies Geological and Geographical Series]

Eesti NSV Teaduste Akadeemia. Geoloogia Instituut. Uurimused. Trudy Instituta geologii Akademii nauk Estonskoi SSR [Academy of Sciences of the Estonian S.S.R. Institute of Geology Transactions]
CU CaOOG

Geofizicheskie issledovaniia i problemy neftegazonosnosti luga Sibirskoi platformy [Geophysical Research and Problems of Oil and Gas Potentials in the Southern Siberian Platform]

Geofizicheskoe priborostroenie [Design of Geophysical Instruments]

Geokhimiia [Geochemistry]
CLU CPT CaOON ICJ ICMILC
InU MCM MH MiU MoKL
NIC NN NNC NNE PPF
RPB WaU

Geologichnyi zhurnal [Geological Journal]
CLU CSfA CU CaOOG CaOTR
CtY DI-GS ICJ IU InU
LNHT MBA MH MNS MdBJ
MiU MnU MoKL NIC-A NN
NNC NNM NjP PPAN TxU
WU WaU

Geologiia i geofizika [Geology and Geophysics]
CLU CU CaOON ICU MiU
NIC NNM NjP RPB TONS

Geologiia mestorozhdenii redkikh elementov [Geology of Rare-Element Deposits]
MCM

Katalog karpatskykh zemletrusiv [Catalog of Carpathian Earthquakes]

Latvijas Padomju Socialistiskas Republikas Zinatnu akademija. Geologijas instituts. Trudy Instituta geologii Akademii nauk Latviiskoi SSR [Academy of Sciences of the Latvian S.S.R. Institute of Geology. Transactions]

Leningrad. Nauchno-issledovatel'skii institut geologii Arktiki. Informatsionnyi biulleten' [Scientific Research Institute of Arctic Geology. Information Bulletin]
CaOOG CaQMAI

Leningrad. Nauchno-issledovatel'skii institut geologii Arktiki. Sbornik statei po paleontologii i biostratigrafii [Scientific Research Institute of Arctic Geology Collected Papers on Paleontology and Biostratigraphy]

Leningrad. Nauchno-issledovatel'skii institut geologii Arktiki. Trudy [Scientific Research Institute of Arctic Geology. Transactions]
CLSU CLU CU CU-S CaOOG
CaOTU CaQMAI DN-HO ICJ IU
InU KU MH-Z MdBJ NIC
NNC OU PSt TxU WU

Leningrad. Vsesoiuznyi geologicheskii institut. Informatsionnyi sbornik [All-Union Geological Institute. Information Bulletin]
CSt CU ICMILC LU NN
NNM

Leningrad. Vsesoiuznyi geologicheskii institut. Materialy [All-Union Geological Institute. Materials]

Leningrad. Vsesoiuznyi geologicheskii institut. Trudy [All-Union Geological Institute. Transactions]
CLU CU CU-S DI-GS DNAL
FMU IU KU MH MiU
MnU NN NNC TxHR WaU

Leningrad. Vsesoiuznyi neftianoi nauchno-issledovatel'skii geologorazvedochnyi institut. Trudy [All-Union Petroleum (Scientific Research) Geological Prospecting Institute. Transactions]
CLCM CLU CSfA CU CU-S
DI DI-GS DSI FTaSU IU
LNHT LU MCM MH-Z MiDW
MiU MnU NN NNC NoU
OCU OCoB OU PPAN RPB
TxHR TxU

Lietuvos TSR Moksla akademija, Vilna. Geologijos ir geografijos institutas. Moksliniai pranesimai. Nauchnye soobshcheniia Instituta geologii i geografii Akademii nauk Litovskoi SSR [Academy of Sciences of the Lithuanian S.S.R. Institute of Geology and Geography. Scientific Reports]
CtY

Materialy k "Osnovam paleontologii" [Materials for the Principles of Paleontology]
ICU

Materialy po geologii i poleznym iskopaemym Iakutskoi ASSR [Materials on the Geology and Mineral Resources of the Yakut A.S.S.R.]

Materialy po geologii i poleznym iskopaemym Severo-Vostoka Evropeiskoi chasti SSSR [Materials on the Geology and Mineral Resources of the Northeast of the European Part of the U.S.S.R.]

Materialy po geologii i poleznym iskopaemym Kazakhstana [Materials on the Geology and Mineral Resources of Kazakhstan]

Materialy po geologii i poleznym iskopaemym Urala [Materials on the Geology and Mineral Resources of the Urals]
CLU CU

Materialy po geologii Tian'-Shania [Materials on the geology of Tien Shan]
MoKL

Materialy po geologii TSentral'nogo Kazakhstana [Materials on the Geology of Central Kazakhstan]

Materialy po mineralogii Kol'skogo poluostrova [Materials on the Mineralogy of the Kola Peninsula]

Materialy po paleogeografii [Materials on Paleogeography]
CU-S PPAN

Materialy z mineralogii Ukrainy [Materials on the Mineralogy of the Ukraine]

Mineralogicheskii sbornik [Mineralogical Review]
CU CtY IU GAT IU
KU MiU NIC NNC OU

Moscow. Moskovskii geologorazvedochnyi institut. Trudy [Moscow Geological Prospecting Institute. Transactions]
NNC NNM

Moscow. Universitet. Vestnik. Seriia 4: Geologiia [University. Review. Series 4. Geology]
CSt CU ICU IEN MBU
MH MH-Z MoKL NN NNC
NcU OkU RPB

Moskovskoe obshchestvo ispytatelei prirody. Biulleten'. Otdel geologicheskii [Moscow Naturalists' Society. Bulletin. Geological Section]
CLU CSfA CU CU-S CaOLU
CaOOG CaOON CaOTR CaOTU CaQMBM
CoD CtY DSI-M ICF ICJ
IU InAS IaU InIA KU
MBN MH-A MH-Z MdBJ MiU
MnU MoKL MoSU MoU N
NBuB NIC-A NN NNBG NNIS
NNM NRU NcU NjP OCLloyd
OCU OCiW OO OU PPAN
PPAmP PU RPB WU WaU

Novosti karstovedeniia i speleologii [New Developments in Speleology and the Study of Karst Phenomena]

Paleontologicheskii zhurnal [Paleontological Journal]
CSt CaOOG KU MiU MoKL
NIC RPB

Paleontologiia i stratigrafiia BSSR [Paleontology and Stratigraphy of the White Russian S.S.R.]
CU ICU NNC PPAN

Referativnyi zhurnal: Geologiia [Journal of Abstracts Geology]
CSt ICJ IU KU MH-Z
MiU MnU MoKL NN NNC
NbU NjP OU P TxCM
WaU

Sibirskii nauchno-issledovatel'skii institut geologii, geofiziki i mineral'nogo syr'ia. Trudy [Siberian Scientific Research Institute of Geology, Geophysics and Mineral Resources. Transactions]
CaOOG

Sovetskaia geologiia [Soviet Geology]
CoU IU MiU MoKL NNC

Tashkent. Sredneaziatskii nauchno-issledovatel'skii institut geologii i mineral'nogo syr'ia. Uchenye zapiski [Central Asiatic Scientific Research Institute of Geology and Mineral Resources. Studies]

Uzbekskii geologicheskii zhurnal [Uzbek Geological Journal]
CU ICMILC KyU MH MH-Z
MoKL NNM OkU

Voprosy geologii IUzhnogo Tian'-Shania [Problems of the Geology of Southern Tien Shan]

Voprosy geologii Uzbekistana [Problems of the Geology of Uzbekistan]

Voprosy geomorfologii i geologii osadochnogo pokrova Kol'skogo poluostrova [Problems in the Geomorphology and Geology of the Sedimentary Cover of the Kola Peninsula]

Voprosy gidrogeologii i inzhenernoi geologii [Problems of Hydrogeology and Engineering Geology]
CU NN

Voprosy mikropaleontologii [Problems of Micropaleontology]

Voprosy mineralogii osadochnykh obrazovanii [Mineral Problems of Sedimentary Deposits]

[All-Union Mineralogical Society. Records]
CLU CSfA CSt CU CaOTR
CaOTU CaQMBM CtY DI-GS !
ICU IU IaU KMK KU
MA MBA MBN MH MH-Z
MSM MiEM MnU MoKL NBuU
NN NNE NNIS NNM NNU-U
NRU NjR OC1W PPAN PPAmP
PU RPB

Vsesoiuznyi aerogeologicheskii trest. Trudy [All-Union Aerogeological Trust Transactions]

Zakonomernosti razmeshchenitia poleznykh iskopaemykh [Characteristics of the Distribution of Mineral Resources]

Zhizn' Zemli; sbornik [Life of the Earth]

13. SCIENCE

a) General

Akademiia nauk Armianskoi SSR, Erivan. Doklady. [Academy of Sciences of the Armenian S.S.R. Reports]
CLU CStmoR CU CtY DNAL
DNLM MCM MH MiU MoKL
NIC NNC NNF NcD NjMuB
RPB

Akademiia nauk Armianskoi SSR, Erivan. Izvestiia. Seriia fiziko-matematicheskikh nauk [Academy of Sciences of the Armenian S.S.R. Bulletin. Series in Physical and Mathematical Sciences]
CLSU CSt CStmoR DNAL MBdAF
MCM MoSW NN OrU RPB
TON5

Akademiia nauk Azerbaidzhanskoi SSR, Baku. Doklady. [Academy of Sciences of the Azerbaijan S.S.R. Reports]
CaOOG DNAL DNLM DS IU
IaAS kU MH MiU NN
NNC NNF NNM NjP PPAN
RPB WaU

Akademiia nauk SSSR Doklady [Academy of Sciences of the U.S.S.R. Reports]
CLSU CLU CStbS CStmoR CU
CaMWM CtHT CtY DBC DBS
DN-RL DS DWB DeU GU
ICU IU MH MnU-B MoKL
NN NNC NNF NNIS NNU
NcD NjMuB NjP OCU OCoB
P PBL PPF PSt PU-Math
RPB TU TxCM TxU WaU

Akademiia nauk SSSR. Arkhiv. Trudy [Academy of Sciences of the U.S.S.R. Archives. Transactions]
CLU CSt-H CU CtY DNLM
IU KU MH MiU MnU
NIC NN NNC NcD NcU
RPB WaU

Akademiia nauk SSSR. Institut istorii estestvoznaniia i tekhniki. Trudy [Academy of Sciences of the U.S.S.R. Institute of the History of Natural Sciences and Technology. Transactions]
CLU CU CaOTU DNAL DSI
ICU IU LNHT MiU MoKL
MoSW NN NIC NN NcD
PSt RPB WU WaU

Akademiia nauk Turkmenskoi SSR, Ashkhabad. Izvestiia. Seriia fiziko-tekhnicheskikh, khimicheskikh i geologicheskikh nauk [Academy of Sciences of the Turkmen S.S.R. Bulletin. Series in the Physical and Technological, Chemical, and Geological Sciences]
DNAL ICMILC MH OkU

Akademiia nauk URSR, Kiev. Dopovidi [Academy of Sciences of the Ukrainian S.S.R. Reports]
CLU CSt CU CaAEU CaOTU
DM DS ICJ ICU IU
IaAS IaU KMK kU MH
MiD MoKL NIC NIC-A NN
NNC NNF NcU NjP OU
OrU PPAmP RPB WaU

Akademiia nauk BSSR, Minsk. Doklady. [Academy of Sciences of the White Russian S.S.R. Reports]
CU DNAL IEN MH MoKL
NN NNC NNF NNM OCoB
OkU PPF PU RPB

Eesti loodus [Estonian Nature]
DNAL NNM PPAN

Fan va turmush [Science and Life]
MH

Loodus ja matemaatika. Priroda i matematika [Nature and Mathematics]

Mir nauki [Scientific World]

Moksias ir gyvenimas [Science and Life]

Nauka i zhizn' [Science and Life]
CLSU CLU CStmoR CU DNAL
DNLM DS ICJ KU MH
MiU MoKL NN NNC NNF
NNIS OCU WaU

Nauka i zhyttia [Science and Life]

Novye knigi za rubezhom. Seriia A: Matematika, mekhanika, astronomiia, fizika, geofizika, khimiia, geologiia [New Foreign Books, Series A: Mathematics, Mechanics, Astronomy, Physics, Geophysics, Chemistry, Geology]

Okhrana prirody Moldavii [Conservation in Moldavia]
CLU CSfA CSt-H CStmoR CU
CaOON CtY DBS DC DI-GS
DNAL DNLM DSI GAT IU
IaU InU KU MBN MBdAF
MCM MH MH-Z MWhH MdBJ
MiU MnU MoKL MoU NIC-A
NN NNA NNC NNC-A NNF
NNIS NNM NjP O OCU
OCoB OU PPAN PU RPB
WaU

Problemy kibernetiki [Problems of Cybernetics]
CU CPT CtY ICU IEN
MCM MH NIC NN NNC
NcU PPF RPB TxHR TxU

Vilna. Universitetas. Moksio darbai. Uchenye zapiski Vil'niusskogo gosudarstvennogo universiteta. Seriia matematicheskikh, fizicheskikh i khimicheskikh nauk [University. Studies. Series in the Mathematical, Physical, and Chemical Sciences]

Voprosy istorii estestvoznaniia i tekhniki [Problems of the History of Natural Science and Technology]
CLU CU ICJ IU InNd
InU KU MH MoKL NNC
RPB

Znanie - sila [Knowledge is Power]
CStmoR MH NNIS OCoB

Znanniia ta pratsia [Knowledge and Work]
CSt-H NN

b) Astronomy

Abastumani. Astrofizicheskaia observatoriia. Biulleten' [Astrophysical Observatory. Bulletin]
AzU CLSU CLU CU DSI-AO
IU InU NN NNC OCU
OU PU-Math RPB TxU

Akademiia nauk Kazakhskoi SSR, Alma-Ata. Astrofizicheskii institut. Izvestiia [Academy of Sciences of the Kazakh S.S.R. Astrophysical Institute. Bulletin]
CLU CtY-O ICU-Y IEN IU
MA MiU MoKL NIC NN
NNC NjP OC1CS ViU

Akademiia nauk Kazakhskoi SSR, Alma-Ata. Astrofizicheskii institut. Trudy [Academy of Sciences of the Kazakh S.S.R. Astrophysical Institute. Transactions]
CLU CtY-O ICU-Y IEN IU
MA MiU MoKL NIC NN
NNC NjP OC1CS ViU

Akademiia nauk SSSR. Astronomicheskii sovet. Biulleten' stantsii opticheskogo nabliudeniia iskusstvennykh sputnikov Zemli [Academy of Sciences of the U.S.S.R. Astronomical Council. Bulletin of the Stations for Optical Observation of Artificial Earth Satellites]
CU

Akademiia nauk SSSR. Institut teoreticheskoi astronomii. Biulleten' [Academy of Sciences of the U.S.S.R. Institute of Theoretical Astronomy. Bulletin]
AzU CLSU CLU CU CtY-O
DN-Ob DSI-AO IEN IU MH-O
MiU MoU NN NNC OCU
OU RPB ViU WU

Akademiia nauk SSSR. Institut teoreticheskoi astronomii. Rezul'taty nabliudenii amerikanskikh iskusstvennykh sputnikov Zemli [Academy of Sciences of the U.S.S.R. Institute of Theoretical Astronomy. Results of Observations of American Artificial Earth Satellites]

Akademiia nauk SSSR. Institut teoreticheskoi astronomii. Rezul'taty nabliudenii sovetskikh iskusstvennykh sputnikov Zemli [Academy of Sciences of the U.S.S.R. Institute of Theoretical Astronomy. Results of Observations of Soviet Artificial Earth Satellites]
NbD

Akademiia nauk SSSR. Institut teoreticheskoi astronomii. Trudy [Academy of Sciences of the U.S.S.R. Institute of Theoretical Astronomy. Transactions]
CLU CU CtY IU InU
MiU NN OC1CS PU PU-Math
RPB TxU ViU WaU

Akademiia nauk SSSR. Komissiia po fizike planet. Izvestiia [Academy of Sciences of the U.S.S.R. Committee on the Physics of Planets. Bulletin]
CMthL CU MiU RPB

Akademiia nauk Tadzhikskoi SSR, Dushanbe. Institut astrofiziki. Biulleten' [Academy of Sciences of the Tajik S.S.R. Astrophysical Institute. Bulletin]
CLSU CtY-O ICU MiU NN
PU RPB TNJ

Akademiia nauk URSR, Kiev. Holovna astronomichna observatoriia. Izvestiia [Academy of Sciences of the Ukrainian S.S.R. Main Astronomical Observatory. Bulletin]
CLSU CU CtY-O DN-Ob ICU
InU MH MiU NN NNC

Astronomicheskii tsirkuliar [Astronomical Circular]
CLSU CLU CU CtY ICU
NNC PU-Math RPB

Astronomicheskii zhurnal [Journal of Astronomy]
CLSU CLU CSt CStmoR CU
CaOON CtW CtY DBS DN-RL
GAT ICU IEN MH-O MiU
MnU MoKL MoU NIC NN
NNIS NhD NjP OCU ODW
OU PSC PU-Math RPB TxU

Observatory Reports]
CLSU CLU MA MiU NN
OU RPB

Geodeziia i kartografiia [Geodesy and Cartography]
CaOOGB CaOON CaOTU IU KU
NIC NN NNC NhD WaU

Issledovaniia ionosfery i meteorov Sbornik statei, 5 razdel programmy MGG (ionosfera i meteory) [Investigations of the Ionosphere and Meteors Articles, 5th Section of the IGY Program (Ionosphere and Meteors)]

Kazan. Universitet. Astronomicheskaia observatoriia. Biulleten' [University. Astronomical Observatory Bulletin]
CLSU CU DBS DN-Ob DSI-A
IU MH MnU NNC NjP
OCU OU PHC PU RPB

Kharkov. Politekhnicheskii institut. Kafedra osnov radiotekhniki. Y razdel programmy MGG Ionosfera i meteory. Meteory, sbornik statei [Polytechnic Institute. Department of the Fundamentals of Radio Engineering. 5th Section of the IGY Program: Ionosphere and Meteors Meteors, Papers]

Kharkov. Universitet Astronomicheskaia observatoriia TSirkuliar [University Astronomical Observatory Circular]
CLSU CLU ICU NN RPB

Latvijas Padomju Socialistiskas Republikas Zinatna akademija. Astrofizikas laboratorija Raksti. Trudy Astrofizicheskoi laboratorii Akademii nauk Latvitskoi SSR [Academy of Sciences of the Latvian S.S.R. Astrophysical Laboratory, Transactions]
CU ICU-Y InU NN NNC
PU PU-Math RPB

Lvov. Universytet. Astronomichna observatoriia TSirkuliar [University. Astronomical Observatory Circular]
NNC RPB

Meteoritika [Meteoritics]
CLU CU CtY ICF ICJ
MCM MiU NN NNC RPB
TxU

Moscow. Institut inzhenerov geodezii, aerofotos"emki i kartografii. Trudy [Institute for Engineers in Geodesy, Aerial Photography, and Cartography. Transactions]
CU CaOON GAT

Moscow. TSentral'nyi nauchno-issledovatel'skii institut geodezii, aeros"emki i kartografii. Trudy [Central Scientific Research Institute of Geodesy, Aerial Photography, and Cartography. Transactions]
DI DN-HO MiU NIC NN
RPB WaU

Moscow. Universitet. Gosudarstvennyi astronomicheskii institut. Soobshcheniia [University. State Astronomical Institute. Reports]
CLSU ICU NN NNC RPB

Moscow. Universitet Gosudarstvennyi astronomicheskii institut. Trudy [University. State Astronomical Institute. Transactions]
CLU DN-Ob IEN MH-O
MdU MiU NN NNC NjP
OCU OU RPB

Peremennye zvezdy [Variable Stars]

Poltava. Gravimetrychna observatoriia. Trudy [Observatory for Gravity Measurement. Transactions]

Pulkovo. Glavnaia astronomicheskaia observatoriia. Izvestiia [Main Astronomical Observatory. Bulletin]
CLU CU CaOTU DSI-A IEN
IU InU MH-O MNS MiU
MoU NCH NN NNC NNCoCl
NPV NjP OCU ODW PSC
PU PU-Math ViU

Pulkovo. Glavnaia astronomicheskaia observatoriia. Trudy [Main Astronomical Observatory. Transactions]
CLSU CaOTU CtY DSI-A ICJ
ICU IEN IU InU MB
MBA MH-O MNS MWelC MdBJ
MiU MnU MoKL MoU NCH
NIC NN NNC NPV NcD
NjP OCU ODW OU PSC
PU ViU

Referativnyi zhurnal: Astronomiia i geodeziia [Journal of Abstracts: Astronomy and Geodesy]
CLU CStmoR CU CaAEU CaOON
CoBBS CtY-O DBS DSI FU
ICJ IU KU LNHT MiU
MnU MoKL MoU NIC NN
NNC NjMuB NjP OrCS PPF
PU-Math RPB

Russia (1923- U.S.S.R.) Glavnoe upravlenie geodezii i kartografii. Sbornik statei po geodezii [Main Administration of Geodesy and Cartography. Collected Papers on Geodesy]

Russia (1923- U.S.S.R.) Ministerstvo vyshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii; geodeziia i aerofotos"emka [Ministry of Higher and Secondary Specialized Education Bulletin of the Institutions of Higher Learning, Geodesy and Aerial Photography]
CaOON MCM NIC NN NNC
OCoB

Publikatsii Tartuskoi astronomicheskoi observatorii [Astronomical Observatory Publications]
ICU NN RPB

Tashkent Astronomicheskaia observatoriia [Shikuhar [Astronomical Observatory Circular]
CLU CU CtY ICU ILN
InU MiU-O MiU MnU NN
NNC NjP OCU OU PPAmP
RPB TxU

Voprosy kosmogonii [Problems in Cosmogony]

Vsesoiuznoe astronomo-geodezicheskoe obshchestvo, Biulleten' [All-Union Astronomical-Geodetic Society Bulletin]
CtY-O IU NNC OCU RPB

Zvaigznota debess [Starry Sky]

c) Biology

Akademiia nauk Armianskoi SSR, Erivan Izvestiia, Biologicheskie nauki [Academy of Sciences of the Armenian S.S.R. Bulletin, Biological Sciences]
CaOOAg CtY DNAL DNLM DS
MH-BL MH-Z NNF NNM PPAN
TNJ

Akademiia nauk Azerbaidzhanskoi SSR, Baku, Izvestiia Seriia biologicheskikh i meditsinskikh nauk [Academy of Sciences of the Azerbaijan S.S.R. Bulletin, Series in the Biological and Medical Sciences]
CU CaOOG DNAL IaAS MH-Z
MnU-B MoKL NIC-A NNF PPAN
RPB

Akademiia nauk Azerbaidzhanskoi SSR, Baku, Institut zoologii Entomologicheskii sbornik [Academy of Sciences of the Azerbaijan S.S.R. Institute of Zoology Entomological Papers]

Akademiia nauk Azerbaidzhanskoi SSR, Baku, Institut zoologii, Trudy [Academy of Sciences of the Azerbaijan S.S.R. Institute of Zoology Transactions]
CSfA DNAL DSI-M IU

Akademiia nauk Azerbaidzhanskoi SSR, Baku, Sektor fiziologii, Trudy [Academy of Sciences of the Azerbaijan S.S.R. Sector of Physiology, Transactions]
DNAL DNLM

Akademiia nauk Gruzinskoi SSR, Tiflis, Botanicheskii sad Vestnik [Academy of Sciences of the Georgian S.S.R. Botanical Garden Journal]
CLSU CSt CU CtY DNAL
DSI-M ICJ IU MBN MH-A
MH-G MiU NYBT PPAN

Akademiia nauk Gruzinskoi SSR, Tiflis, Institut fiziologii, Trudy [Academy of Sciences of the Georgian S.S.R. Institute of Physiology, Transactions]
CtY DNLM ICJ NNC OU
WaU

Akademiia nauk Gruzinskoi SSR, Tiflis Institut zoologii, Trudy [Academy of Sciences of the Georgian S.S.R. Institute of Zoology, Transactions]
DSI MH-Z NNM OU PPAN

Akademiia nauk Kazakhskoi SSR, Alma-Ata, Izvestiia, Seriia botaniki i pochvovedeniia [Academy of Sciences of the Kazakh S.S.R. Bulletin, Series in Botany and Soil Science]
CU DNAL ICMILC MoKL WaU

Akademiia nauk Kazakhskoi SSR, Alma-Ata, Izvestiia, Seriia meditsiny i fiziologii [Academy of Sciences of the Kazakh S.S.R. Bulletin, Series in Medicine and Physiology]
DNLM KyU NNF

Akademiia nauk Kazakhskoi SSR, Alma-Ata, Institut botaniki, Trudy [Academy of Sciences of the Kazakh S.S.R. Institute of Botany, Transactions]
CU CaOOAg DNAL DSI IU
NIC NIC-A PPAN WaU

Akademiia nauk Kazakhskoi SSR, Alma-Ata, Institut mikrobiologii i virusologii, Trudy [Academy of Sciences of the Kazakh S.S.R. Institute of Microbiology and Virology, Transactions]
CLU CU CaOON DNAL DNLM
InNd MiU NIC NIC-A

Akademiia nauk Kazakhskoi SSR, Alma-Ata, Institut zoologii Trudy [Academy of Sciences of the Kazakh S.S.R. Institute of Zoology, Transactions]
CU CaOOG DNLM DI DSI
ICMILC IU kU MiU NIC
NIC-A OrCS WaU

Akademiia nauk Kazakhskoi SSR, Alma-Ata, Karagandinskii botanicheskii sad, Trudy [Academy of Sciences of the Kazakh S.S.R. Karaganda Botanical Garden, Transactions]
DNAL PPAN

Akademiia nauk Kirgizskoi SSR, Frunze, Izvestiia, Seriia biologicheskikh nauk [Academy of Sciences of the Kirghiz S.S.R. Bulletin, Series in Biological Sciences]
DNAL DNLM PPAN

Akademiia nauk SSSR, Izvestiia, Seriia biologicheskaia [Academy of Sciences of the U.S.S.R. Bulletin, Biological Series]
AAP CLSU CLU CSt CU
CaOOA CaOOG CaOONM CaOTR CaOTU
CoD CtY DNAL DNLM DSI-M
ICJ ICU IU InU InIA
InU MBA MH MH-Z MdBJ
NK NN NNC NNF NNF
NNM NNU-M NRU NbU NcD
NcU NjP OCLloyd OCU OO
OU PPAmP RPB WU WaU

Akademiia nauk SSSR, Botanicheskii institut Flora SSSR [Academy of Sciences of the U.S.S.R. Botanical Institute Flora of the U.S.S.R.]
CLSU CSfA CSt CU CU-A
CaOOG CaOTU CtY DNAL ICF
ICU IU InLP InNd MBA
MBN MH-G MnU MoKL NBG
NIC-A NN NNC NRU NYBT
NcD NcRS NjR OU PPAN
PPAmP PU-BZ RPB WU WaU

Akademiia nauk SSSR Botanicheskii institut, Trudy, Seriia 3 Geobotanika [Academy of Sciences of the U.S.S.R. Botanical Institute Transactions, Series 3, Geobotany]
CLSU CLU CSfA CSt CU
CtY DNAL DSI-M ICF MBA
MBN MH-A MH-G MWhB MiU
MnU MoSB NBG NIC-A NN
NNC NRU NYBT NcD NjR
PPAN PPAmP WU WaU

Akademiia nauk SSSR Botanicheskii institut Trudy Seriia 4, Eksperimental'naia botanika [Academy of Sciences of the U.S.S.R. Botanical Institute Transactions, Series 4 Experimental Botany]
CLSU CLU CSfA CSt CU
CaOTU CtY DNAL DSI-M FMU
IaAS MBA MBN MH-A MH-BL
MH-G MWhB MiU MnU MoKL
MoSB NBG NIC-A NN NNC
NRU NYBT NjR PPAN PPAmP
WU WaU

Akademiia nauk SSSR, Botanicheskii institut Trudy Seriia 5, Rastitel'noe syr'e [Academy of Sciences of the U.S.S.R. Botanical Institute, Transactions, Series 5 Plant Resources]
CLSU CSfA CU CaOTU CtY
DNAL MBA MBN MH-A MH-G
MiU MnU MoKL MoSB NIC-A
NN NYBT PPAmP WU WaU

Akademiia nauk SSSR Botanicheskii institut, Trudy Seriia 6 Introduktsiia rastenii i zelenoe stroitel'stvo [Academy of Sciences of the U.S.S.R. Botanical Institute Transactions, Series 6, Introduction of Plants and Landscape Gardening]
CLU CU CtY DNAL ICMILC
MiU NIC

Akademiia nauk SSSR Botanicheskii institut Trudy Seriia 7, Morfologiia i anatomiia rastenii [Academy of Sciences of the U.S.S.R. Botanical Institute, Transactions, Series 7, Plant Morphology and Anatomy]
CU DNAL CU NIC OU
WaU

Akademiia nauk SSSR Botanicheskii institut Otdel sporovykh rastenii, Botanicheskie materialy [Academy of Sciences of the U.S.S.R. Botanical Institute Section of Cryptogamic Plants, Botanical Materials]
CSfA CU DNAL ICF MWhB
MnU MoSB NBG NIC-A NNBG
NNC NjR PPAN

Akademiia nauk SSSR, Dal'nevostochnyi filial, Vladivostok, Trudy, Seriia botanicheskaia [Academy of Sciences of the U.S.S.R. Far Eastern Branch, Transactions, Botanical Series]
CLU CSfA CSt CU CoFS
DNAL DSI-M ICJ IaAS MBN
MH-A MnU NIC-A NNC NNM
NjP OrCS PPAN ViU WU
WaU

Akademiia nauk SSSR, Gel'mintologicheskaia laboratoriia, Osnovy nematodologii [Academy of Sciences of the U.S.S.R. Helminthological Laboratory, Principles of Nematodology]
CU CtY DNAL DNLM PtaSU
ICJ IU KU MH MiEM
MnU NcD OU

Akademiia nauk SSSR, Gel'mintologicheskaia laboratoriia, Trudy [Academy of Sciences of the U.S.S.R. Helmintological Laboratory, Transactions]
CU DNAL DNLM MH-Z NNC
NcD PPAN

Akademiia nauk SSSR, Institut biologii vodokhranilishch, Biulleten' [Academy of Sciences of the U.S.S.R. Institute of the Biology of Reservoirs, Bulletin]
CU-S DNAL MiU PPAN

Akademiia nauk SSSR, Institut genetiki, Trudy [Academy of Sciences of the U.S.S.R. Institute of Genetics, Transactions]
CLSU CSfA CSt CU CaOOA
CaOTU CtU DNAL DNLM ICJ
InU MBN MH MiU-A MWhB
MiU MnU NCaC NIC-A NN
NNC NNM NNRI PPAN

Akademiia nauk SSSR, Institut mikrobiologii, Trudy [Academy of Sciences of the U.S.S.R. Institute of Microbiology, Transactions]
CLU CU CaOON CtY-M DNAL
DNLM FMU ICMILC MiU MWhB
NIC-A NNC

Akademiia nauk SSSR Murmanskii morskoi biologicheskii institut Trudy [Academy of Sciences of the U.S.S.R. Murmansk Marine Biology Institute, Transactions]
CU CaQMAI NIC PPAN WaU

Akademiia nauk SSSR Sevastopol'skaia biologicheskaia stantsiia, Trudy [Academy of Sciences of the U.S.S.R. Sevastopol Biological Station Transactions]
CSfA CSt CU CU-S DNAL
DNLM ICU MH-Z NIC NN
NNC NNM NjP PPAN PPAmP
PU WaU

Akademiia nauk SSSR, Sibirskoe otdelenie Biologicheskii institut, Trudy [Academy of Sciences of the U.S.S.R. Siberian Department, Biological Institute Transactions]
CU DNAL

Akademiia nauk SSSR, Sibirskoe otdelenie TSentral'nyi sibirskii botanicheskii sad Trudy [Academy of Sciences of the U.S.S.R. Siberian Department, Central Siberian Botanical Garden Transactions]
DNAL MH

Akademiia nauk SSSR Ural'skii filial Sverdlovsk Institut biologii, Trudy [Academy of Sciences of the U.S.S.R. Ural Branch Institute of Biology Transactions]
DNAL DNLM KU MWhB NIC

Akademiia nauk SSSR, Zoologicheskii institut Issledovaniia dal'nevostochnykh morei SSSR [Academy of Sciences of the U.S.S.R. Zoological Institute Investigations of the Far Eastern Seas of the U.S.S.R.]

Akademiia nauk SSSR Zoologicheskii institut Trudy [Academy of Sciences of the U.S.S.R. Zoological Institute Transactions]
CLSU CSfA CSt CU CaOIU
CaQMAI CoFS DNAL DI DN-HO
DNLM DSI-M GU ICF ICU
IU IaAS LU MBN MH-Z
MWhB MiEM MiU MoKL NIC-A
NN NNC NNM NcD OU
PPAN PU PU-BZ TxU WaU

Akademiia nauk Tadzhikskoi SSR, Dushanbe, Institut zoologii i parazitologii, Trudy [Academy of Sciences of the Tajik S.S.R. Institute of Zoology and Parasitology, Transactions]

Akademiia nauk Tadzhikskoi SSR, Dushanbe, Otdelenie estestvennykh nauk Izvestiia [Academy of Sciences of the Tajik S.S.R. Department of Natural Science Bulletin]
MH-Z MoKL NIC NN PPAN

Akademiia nauk Turkmenskoi SSR, Ashkhabad, Izvestiia Seriia biologicheskikh nauk [Academy of Sciences of the Turkmen S.S.R. Bulletin, Series in the Biological Sciences]
DNAL ICMILC MH NNM

Akademiia nauk Turkmenskoi SSR, Ashkhabad, Institut botaniki, Trudy [Academy of Sciences of the Turkmen S.S.R. Institute of Botany, Transactions]
CU DNAL

Akademiia nauk URSR, Kiev, Naukovo-prirodoznavchyi muzei, Naukovi zapysky [Academy of Sciences of the Ukrainian S.S.R. Scientific Museum of Natural History Scientific Records]
DNAL MH

Akademiia navuk BSSR, Minsk, Vestsi, Seryia biialagichnykh navuk [Academy of Sciences of the White Russian S.S.R. Bulletin, Series in the Biological Sciences]
CU DNAL KU NNF NNM
PPAN

Akademiia navuk BSSR, Minsk, Instytut biialogii Biulleten' [Academy of Sciences of the White Russian S.S.R. Institute of Biology, Bulletin]
PPAN

Arkhiv anatomii, gistologii i embriologii [Archives of Anatomy, Histology and Embryology]
CSt CU DNLM ICJ IU
MH-M MWhB MiU MnU NIC
NNC NNF NNM NjP OCIW
PPWI PU

Baku, Azerbaidzhanskii gosudarstvennyi universitet, Uchenye zapiski, Biologicheskaia seriia [Azerbaijan State University, Studies, Biological Series]

Baku, Estestvenno-istoricheskii muzei, Trudy [Natural History Museum, Transactions]
DNAL NNC PPAN

Biofizika [Biophysics]
CLU CU CaOON DN DNLM
IArg MH MiU MoKL NIC
NN NNF NjMuB RPB

Biokhimiia [Biochemistry]
CLU CSfA CU CU-M CaOTR
CtY DNAL DNLM ICJ ICU
LU MCM MH MWhB MiU
MnU MoKL MoSW-M NIC NN
NNC NNF NNS NNRI OCoB
OU RPB WaU

Biologiia v shkole [Biology in Schools]
NN

Botanicheskii zhurnal [Botanical Journal]
CLSU CU CaOOA CaOON CtY
DNAL IArg ICI ICJ ICMILC
ICU IaAS InIA InLP InU
KU MBdAF MH-A MH-F MWhB
MdBJ MnU MoKL MoSB N
NIC-A NNIS NYBT NcU NjP
OCL OCoB OU PPAN RPB
WaU

Eesti NSV Teaduste akadeemia Toimetised Bioloogiline seeria Izvestiia Akademii nauk Estonskoi SSR, Serila biologicheskaia [Academy of Sciences of the Estonian S S R Bulletin Biological Series]
CU DNAL MBdAF MoKL NNC
NNF TONS

Entomologicheskoe obozrenie [Entomological Review]
CLSU CLU CSfA CSt CU
CaOTR CtY DNAL DNLM DSI-M
ICJ IU IaAS kU MBN
MH-Z MNS MtU MnU N
NBuB NIC NIC-A NN NNC
NNM NRU NjR OCl OU
PPAN TU WaU WvU

Fauna SSSR [Fauna of the U S S R.]
AzU CLSU CLU CSt CU
CU-S DNAL DSI GU ICF
ICJ ICU LU MH-Z MtU
NIC-A NN NNC NcD PPAN
PPAmP PU ViU WaU

Fiziologicheskii zhurnal SSSR [Physiological Journal of the U S S R.]
CSt-L CU CaQMBM CaQMM CtY-M
DNAL DNLM ICJ ICMILC ICU
IEN-M MH-M MH-P MWhB MtU
MnU-B MoKL NBM NN NNT
NNIS NNM NNNAM NNRI RPB
ViU

Fiziologichnyi zhurnal [Physiological Journal]
CaOON DNLM DII ICJ MoKL
NNF NNNAM

Fiziologiia rastenii [Physiology of Plants]
CLU CaOKQ DNAL DNLM MoKL
NIC NNC NjR

Frunze, Universitet. Biologo-pochvennyi fakul'tet Uchenye zapiski [University Faculty of Biology and Soils. Studies]
MH

Il'menskii gosudarstvennyi zapovednik. Trudy [Il'men' State Preserve. Transactions]

Issledovaniia po genetike [Studies on Genetics]

Iunyi naturalist [Young Naturalist]

K poznaniiu fauny i flory Ivanovskoi oblasti [Toward Knowledge of the Fauna and Flora of Ivanovo Province]

Karadags'ka biologichna stanisiia. Trudy [Karadag Biological Station Transactions]
CLU CU CU-S DNAL DSI-A
IU NIC-A NNM WaU

Khimiia belka [Protein Chemistry]
CU

Kiev Universytet. Visnyk Serlia biologii [University Review. Series in Biology]
CU PPAN

Lapiandskii gosudarstvennyi zapovednik. Trudy [Lapland State Preserve Transactions]

Latvijas entomologs [Latvian Entomologist]
NNM

Latvijas Padomju Sociialistiskas Republikas Zinatnu akademija Biologijas instituts. Trudy Instituta biologii Akademii nauk Latviiskoi SSR [Academy of Sciences of the Latvian S S R. Institute of Biology Transactions]

Latvijas Padomju Sociialistiskas Republikas Zinatnu akademija. Mikrobiologijas instituts. Trudy [Academy of Sciences of the Latvian S S R Institute of Microbiology. Transactions]
CU DNAL DNLM IU NIC
NIC-A WaU

Leningradskoe obshchestvo estestvoispytatelei. Trudy [Leningrad Naturalists' Society. Transactions]
CCC CLU CSfA CSt CSt-H
CU CtY DI DNAL DNLM
DSI-M ICF ICJ ICU IU
KU MH-F MH-G MH-Z MWhB
MnU MoSB MoU NBB NBuB
NCaC NIC-A NN NNBG NNC
NNM NNNAM OrCS PPAN PPAmP
PPWI RPB

Lietuvos TSR Moksiu akademija, Vilna. Botanikos institutas. Straipsniu rinkinys. Sbornik nauchnykh statei Instituta botaniki Akademii nauk Litovskoi SSR [Academy of Sciences of the Lithuanian S. S. R. Botanical Institute. Papers]
DNAL

Michurinsk. TSentral'naia geneticheskaia laboratoriia imeni I. V. Michurina. Trudy [I. V. Michurin Central Laboratory of Genetics. Transactions]
DNAL

Mikrobiologichnyi zhurnal [Journal of Microbiology].
CLU CU CU-M DNLM MH-M
NNIS MtU MoKL NIC-A NNF
NNNAM OU

Mikrobiologiia [Microbiology]
CU CU-A CaOOA DNAL DNLM
ICJ ICU IU IaAS KMK
LU MCM MH-F MtU MnSJ
MoKL NIC NIC-A NN NNC
NNF NYBT NbU PPAN RPB
WU WaU

Minsk. TSentral'ny batanichny sad. Sbornik nauchnykh rabot [Central Botanical Garden Collected Papers]
MH

Moscow, Glavnyi botanicheskii sad. Pushkinskoe Biulleten' [Main Botanical Garden Bulletin]
CLU CU DNAL MH-A MtU
MoKL NIC NIC-A NN NNC

Moscow, Glavnyi botanicheskii sad. Pushkinskoe. Trudy [Main Botanical Garden. Transactions]
CU CaOONM CtY DNAL MtU
NIC OU

Moscow, Universitet. Vestnik Serlia 6: Biologiia, pochvovedenie [University. Review. Series 6: Biology, Soil Science]
CU CoU IEN IU KU
MBU MH MH-Z MoKL NNC
NcU OrU RPB WaU

Moscow, Universitet Zoologicheskii muzei Sbornik trudov [University. Zoological Museum Papers]
CLU CU DNAL DSI-M ICF
IU MH-Z MWhB NIC-A NNM
PPAN

Moscow. Vsesoiuznyi institut gel'mintologii. Trudy [All-Union Institute of Helminthology. Transactions]
CU DNAL

Moskovskoe obshchestvo ispytatelei prirody. Biulleten' Otdel biologicheskii [Moscow Naturalists' Society. Bulletin. Biological Section]
CLU CSfA CU CU-S CaOLU
CaOOG CaOON CaOTR CaOTU CaQMBM
CoD CtY DNAL DNLM DSI-M
ICF ICJ IU IaAS InU
InIA MBN MH-A MH-F MH-Z
MWhB MdBJ MtEM MtU MnU
MoKL MoSU MoU N NBuB
NIC-A NN NNBG NNC NNF
NNIS NNM NRU NcU NjP
OCL OCU OCIW OO OU
OUCA PPAN PPAmP PU RPB
WU WaU

Moskovskoe obshchestov ispytatelei prirody. Trudy. Otdel biologicheskii [Moscow Naturalists' Society. Transactions. Biological Section]
DNAL

Murgabskaia gidrobiologicheskaia stantsiia. Trudy [Margab Hydrobiological Station. Transactions]
DNAL

Opredeliteli po faune SSSR [Guides to the Fauna of the U.S.S.R.]
CLSU CLU CSt CU CU-S
CaOTU CtY DN-HO DNAL DNLM
DS DSI DSI-M ICF ICU
ICarbS IU IdU InU KU
MH MH-Z MWhB MoU NBuB
NIC NIC-A NN NNC NNM
PPAN PPAmP PU TxU WU
Pechoro-Ilychskii gosudarstvennyi zapovednik. Trudy [Pechora-Ilych State Preserve. Transactions]

Pribaltiiskaia komissiia po izucheniiu migratsii ptits. Soobshcheniia [Baltic Commission for the Study of Bird Migration. Reports]

Problemy kosmicheskoi biologii [Problems of Cosmic Biology]

Radiobiologiia [Radiobiology]
WaU

Referativnyi zhurnal: Biologiia [Journal of Abstracts: Biology]
CLU CU CaOOAg CaOOG DNIH
DNLM ICJ IU IaAS InLP
MH-M MH-Z MtU MnU-B MoKL
MoU NIC-A NNC NNC-M NNF
NNIC NNNAM NbU OU P
WaU

Referativnyi zhurnal: Khimiia, Biologicheskaia khimiia [Journal of Abstracts: Chemistry, Biological Chemistry]
CLU CaOOG CaOON DNAL DNLM
ICJ KU MCM MnU-B MoKL
MoU NIC NNC NNF NNNAM
P RPB

Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Nauchnye doklady vysshei shkoly, biologicheskie nauki [Ministry of Higher and Secondary Specialized Education. Research Papers of Higher Schools, Biological Sciences]

Sbornik rabot po ekologii i sistematike zhivotnykh [Papers on Animal Ecology and Syatematics]

Sbornik rabot po ikhtiologii i gidrobiologii [Papers on Ichthyology and Hydrobiology]

Ukrains'kyi biokhimichnyi zhurnal [Ukrainian Biochemical Journal]
CU CtY DNAL ICF IU
IaAS MtU MoKL NIC NIC-A
NN NNC NNCorM NNF NNNAM
NNRI OCL OCoB OrCS

Ukrains'kyi botanichnyi zhurnal [Ukrainian Botanical Journal]
CLU CSfA CtY DNAL
IU KU MH-F MtU
MoKL MoU NBG NjP
PPAN WaU

Uspekhi biologicheskoi khimii [Progress in Biological Chemistry]

Uspekhi sovremennoi biologii [Progress in Contemporary Biology]
CLSU CSfA CSt-L CU
CtY DNAL DNLM IU
InIA InU MCM MH
MWhB MtU MnU NIC
NNC-M NNF NNNS NNSI
OCLloyd OU PU RPB

Uzbekskii biologicheskii zhurnal [Uzbek Biological Journal]
CU CaOOAg DNAL MH
NNF NNM

Voprosy biokhimii [Problems of Biochemistry]

Voprosy ekologii [Problems of Ecology]

Voprosy fiziologii i biokhimii kul'turnykh rastenii [Problems of Physiology and Biochemistry of Cultivated Plants]

Voprosy ikhtiologii [Problems in Ichthyology]
CLU CU-S DNAL IU
NIC NN PPAN WaU

Voprosy pitaniia [Problems of Nutrition]
CSt-N DNAL DNLM MnU
NN NNC NNF RPaL

Voprosy virusologii [Problems of Virology]
CU CU-M DNLM PaLT
NNNAM

Vsesoiuznoe obshchestvo sodeistviia ozeleneniiu naselennykh punktov, Moskovskoe otdelenie Akvarium [All-Russian Cooperation in Conservation of the Environment of Populated Places. Moscow Province Division]

Vsesoiuznoe botanicheskoe obshchestvo. Moskovskoe otdelenie. Sbornik botanicheskikh rabot [All-Union Botanical Society. White Russian Division Papers]

Vsesoiuznoe gidrobiologicheskoe obshchestvo [All-Union Hydrobiological Society]
ICJ

Zhurnal obshchei biologii [Journal of General Biology]
DNAL DNLM ICF IU
InU MCM MH MoBLB
MoKL NN NNF OCoB
PPAmP PPWI PPIU WaU

Zoologicheskii sbornik [Zoological Review]

Zoologicheskii zhurnal [Zoological Journal]
CU CaOTU CtY IU
DNLM ICF ICJ KU
IaU KU MH-Z MtU
MoKL NIC NIC-A NjR
NNM NNNAM PPAN WU

d) Chemistry

Akademiia nauk Armianskoi SSR, Laboratoriia khimicheskie nauki [Academy of Sciences of the Armenian S. S. R. Bulletin. Chemical]
DNAL MBdAF MCM MoKL

Akademiia nauk Kazakhskoi SSR, Alma-Ata. Institut khimicheskikh nauk. Trudy [Academy of Sciences of the Kazakh S.S.R. Institute of Chemical Sciences. Transactions]
CU IU

Akademiia nauk SSSR. Izvestiia. Otdelenie khimicheskikh nauk [Academy of Sciences of the U.S.S.R. Bulletin. Department of Chemical Sciences]
CLU CU CaOOA CaQMM
CtY DBS DNAL IaAS
ICJ ICU InU InLP
MCM MH MdBJ MtU
MH MNC NNF NbU
NcU OCoB OU OUCA
PPAmP RPB WaU

Akademiia nauk SSSR. Ural'skii filial. Institut elektrokhimii. Trudy [Academy of Sciences of the U.S.S.R. Ural Branch. Institute of Electrochemistry. Transactions]
MoKL OCoB

Akademiia nauk Tadzhikskoi SSR, Institut khimii. Trudy [Academy of Sciences of the S.S.R. Institute of Chemistry. Transactions]

Azerbaidzhanskii khimicheskii zhurnal [Azerbaijan Chemical Journal]
CU ICMILC KU MdBJ

Ekstraktsiia; teoriia, primenenie, apparatura [Extraction; Theory, Use, Apparatus]

Gidrokhimicheskie materialy [Materials of Hydrochemistry]
CaOTR DNAL NN NjR

Khimiia v shkole [Chemistry in Schools]
NN OCoB

Kinetika i kataliz [Kinetics and Catalysis]
CU-S MoKL NIC NNC
WaU

Moscow. Fiziko-khimicheskii institut. Problemy fizicheskoi khimii [Physical Chemistry Institute. Problems of Physical Chemistry]
InLP

Moscow. Universitet. Vestnik. Seriia 2. Khimiia [University. Review Series 2 Chemistry]
CLU CU DNAL ICU InNd
KU MH MoKL NN NNC
RPB

Moscow. Vsesoiuznaia gosudarstvennaia biblioteka inostrannoi literatury. Khimiia, sistematicheskii ukazatel' statei v inostrannykh zhurnalakh [All-Union State Library of Foreign Literature. Chemistry. Classed Index of Articles in Foreign Periodicals]

Radiokhimiia [Radiochemistry]
CU IaAS MCM MiU MoKL
NN NNC RPB TONS

Reaktsii i metody issledovaniia organicheskikh soedinenii [Reactions and Methods of Investigating Organic Compounds]
CU InU MCM NNC TxU

Referativnyi zhurnal: Khimiia [Journal of Abstracts Chemistry]
CLU CStmoR CU CaOON CtY
DNAL DNLM FU ICU IU
KU MCM MiDW MiU MnU
MoKL MoU NIC NN NNC
NNF NNNAM NjMuB OrCS P
PSt RPB ViU

Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii, khimiia i khimicheskaia tekhnologiia [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning, Chemistry and Chemical Technology]
CaOON DNAL ICJ MCM MoKL
NIC OCoB

Sintezy geterotsiklicheskikh soedinenii [Syntheses of Heterocyclic Compounds]
CStbS CU

Ukrainskii khimicheskii zhurnal [Ukrainian Chemical Journal]
CU DBS DNAL DNHI DSI
ICJ IU InU MH MiU
MoKL NIC-A NN NcU NjMuB
PPF WaU

Uspekhi khimii [Progress in Chemistry]
CLU CStmoR CU CaBVaU CaOTR
CtY DBS DNAL DNLM ICJ
ICU IU MH MMeT MiU
MnU MoKL NN NNC NNIS
NcD NcU OCoH PSt RPB

Uzbekskii khimicheskii zhurnal [Uzbek Chemical Journal]
CU DNHI MH MoKL OCoB

Vsesoiuznoe khimicheskoe obshchestvo imeni D. I. Mendeleeva. Zhurnal [D. I. Mendeleev All-Union Chemical Society. Journal]
CStmoR CU CaOON ICJ InLP
MnU MoKL NIC NN NNC
NNE PSt WaU

Vysokomolekuliarnye soedineniia [Macromolecular Compounds]
CLU CU CaOON DBS ICJ
InU NIC NN NNCC NjP
OCoB RPB

Zhidkofaznoe okislenie nepredel'nykh organicheskikh soedinenii [Liquid-Phase Oxidation of Unsaturated Organic Compounds]

Zhurnal analiticheskoi khimii [Journal of Analytical Chemistry]
CU CtY DBS DNAL ICJ
ICU IU MH MnU MoKL
NIC NN NNC NNIS NcD
OCoH PPF RPB WaU

Zhurnal fizicheskoi khimii [Journal of Physical Chemistry]
CLSU CLU CU CaOON CtY
DBS DNAL DNLM ICJ ICU
IU IaAS InU LU MCM
MH MnU MoKL MoU NIC
NN NRU NcD NjP OCoB
OU PPAN PPF PSt PU-Sc
RPB WaU

Zhurnal neorganicheskoi khimii [Journal of Inorganic Chemistry]
CU DBS DNHI ICJ ICU
ILN IU IaAS InLP LU
MH MiMdD MnU NIC NN
NNC NNCC NcU NjMuB PSt
TONS WaU

Zhurnal obshchei khimii [Journal of General Chemistry]
CLU CU CaOOA CaOON CaOTR
CaOTU CtY DBS DI-GS DNAL
DNLM ICJ ICU IEN IU
IaAS IaU LU MBA MCM
MH MiU MnU MoKL MoU
NIC-A NN NNC NNIS NcD NjP
NNIS NNNAM NNRI- NcD NjP
OCl OClW OCU OCoB OU
PPAN PPAmP PPBC PSt PU
RPB WaU WAP

Zhurnal strukturnoi khimii [Journal of Structural Chemistry]
MiU MoKL NIC

e) Mathematics

Akademiia nauk Azerbaidzhanskoi SSR, Baku. Vychislitel'nyi tsentr. Trudy [Academy of Sciences of the Azerbaijan S.S.R. Computation Center. Transactions]

Akademiia nauk Gruzinskoi SSR, Tiflis. Matematicheskii institut. Trudy [Academy of Sciences of the Georgian S.S.R. Mathematical Institute. Transactions]
CLU CU LU MCM MdBJ
MiU NN NNC NcD NcU
WaU

Akademiia nauk Kazakhskoi SSR, Alma-Ata. Izvestiia. Seriia matematiki i mekhaniki [Academy of Sciences of the Kazakh S.S.R. Bulletin. Series in Mathematics and Mechanics]
ICJ MCM MH MoKL RPB

Akademiia nauk SSSR. Izvestiia. Seriia matematicheskaia [Academy of Sciences of the U.S.S.R. Bulletin Mathematical Series]
CLU CStmoR CU CaOTU CtHT
CtY DBS DS GU ICJ
ICU IFN IU IaU InLP
InNd KU LNHT LU MCM
MH MdBJ MiU MnU MoKL
MoU NIC NN NNC NNIS
NNU NcD NcU NhD NjP
NmUpU OClW OU OrCS PU
RPB TU WaU

Akademiia nauk SSSR. Institut nauchnoi informatsii. Otdel mekhanizatsii i avtomatizatsii informatsionnykh rabot. Soobshcheniia [Academy of Sciences of the U.S.S.R. Institute of Scientific Information. Department of the Mechanization and Automation of Information Service. Reports]

Akademiia nauk SSSR. Laboratoriia elektromodelirovaniia. Soobshcheniia [Academy of Sciences of the U.S.S.R. Electric Modeling Laboratory. Reports]

Akademiia nauk SSSR. Matematicheskii institut. Trudy [Academy of Sciences of the U.S.S.R. Mathematical Institute. Transactions]
CLSU CSt CStmoR CU CaOTU
CtY DBS GAT GU ICU
IU IaU InLP LU MCM
MH MdBJ MoKL MoSW NN
NNC NNU-W NcD NcU NjP
OCU OU PPAmP PPF PU-Math
RPB ViU WU WaU

Akademiia nauk SSSR. Vychislitel'nyi tsentr. Standartnye programmy BESM-2 [Academy of Sciences of the U.S.S.R. Computation Center. Standard Programs for the BESM-2]
CU RPB

Avtomaticheskoe upravlenie i vychislitel'naia tekhnika [Automatic Control and Computers]
CSt MCM MH

Chekhoslovatskii matematicheskii zhurnal [Czechoslovak Mathematical Journal]

Issledovaniia po integro-differentsial'nym uravneniiam v Kirgizii [Studies on Integrodifferential Equations in Kirghizia]
CU

Istoryko-matematychnyi zbirnyk [Collected Papers on the History of Mathematics]
MH MiU RPB

Matematicheskii obzornik [Mathematical Review]
CLSU CLU CPT CSt-H CStmoR
CU CU-Riv CU-S CaOON CaOTR
CoU CtY DBS GAT ICJ
ICU IEN IU KyU LU
MCM MH MiU MnU MoKL
MoU NN NNC NNIS NRU
NcD NhD NjP NmUpU OCU
PU RPB TU TxU WaU

Matematicheskoe prosveshchenie; matematika, ee prepodavanie, prilozhenia i istoriia [Mathematical Education, Mathematics, Teaching, Application, and History]
CSt InNd MH MiDW MiU
NhD RPB

Matematika, periodicheskii sbornik perevodov inostrannykh statei [Mathematics, Translations of Foreign Articles]
RPB

Matematika v shkole [Mathematics in Schools]
CU InLP MH MiU NN
NNIS RPB

Moscow. Inzhenerno-fizicheskii institut. Vychislitel'naia tekhnika, sbornik statei [Institute of Engineering Physics. Computer Technology; Papers]

Moscow. Universitet. Vestnik. Seriia 1: Matematika, mekhanika [University. Review Series 1: Mathematics, Mechanics]
CLU CaOTU InLP InNd KU
NN NNC PPF RPB TxCM
TxHR WaU

Moscow. Universitet. Nauchno-issledovatel'skii institut matematiki. Trudy Seminara po vektornomu i tenzornomu analizu s ikh prilozheniiami k geometrii, mekhanike i fizike [University. Scientific Research Institute of Mathematics. Transactions of the Seminar on Vector and Tensor Analysis with Their Application in Geometry, Mechanics, and Physics]
CLSU ICU IU LU MCM
MdBJ MiU MoKL NN NNC
NhD RPB WaU

Moskovskoe matematicheskoe obshchestvo. Trudy [Moscow Mathematical Society. Transactions]
AU CLSU CU CaBVaU CtY
ICJ ICU ILN IU InLP
InU KU MH MdBJ MiDW
MiU MnU NIC NN NNC
NcD NcU NjMuB NjP OU
PU RPB TxHR WU WaU

Prikladnaia matematika i mekhanika [Applied Mathematics and Mechanics]
CLU CStmoR CU-E CtY DBS
ICU IU MCM MH MnU
MoKL NN NNC NNE NNIS
OCU OCoB OU PPF RPB
TU WU WaU

Referativnyi zhurnal: Matematika [Journal of Abstracts: Mathematics]
CLSU CLU CPT CSt CStbS
CStmoR CU CaOON CaOTU CoBBS
CtY DBC DBS ICJ IU
IaAS InLP InU KU MCM
MiDW MiU MnU MoKL MoSW
MoU NIC NNC NNCoCi NRU
NcD NhD OCU OU OrCS
P PU RPB TxHR WU
WaU

Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii, matematika [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning, Mathematics]
CU CaOON ICU IU MH
MiU MoKL NIC NjP OCoB
PPIU PSt PU RPB TxHR

Sibirskii matematicheskii zhurnal [Siberian Mathematical Journal]
CLSU CPT CaOTU InNd MiU
MoKL NNC NIC NjP

Teoriia veroiatnostei i ee primeneniia [Theory of Probability and Its Applications]
CLSU CLU CSt CStmoR CU
CU-Riv CaOON DH ICU IEN
IU IaAS IaU InU LNHT
LU MBdAT MH MiU MnU
MoKL MoU NIC NN NNC
NNE NNU NRU NcU NhD
NjMuB RPB

Ukrainskii matematicheskii zhurnal [Ukrainian Mathematical Journal]
CSt CU ICJ IU InU
MCM MdBJ MnU MoKL MoU
NN NNC PPF RPB WaU

Uspekhi matematicheskikh nauk [Progress in the Mathematical Sciences]
CLSU CLU CSt CStmoR CU
DBS ICJ ICU IU MCM
MH MnU MoKL NIC NN
NNC NNIS NcU NjP OClW
PU RPB TU WaU

Voprosy teorii matematicheskikh mashin [Problems in the Theory of Computers]
MH MiU RPB

Vychislitel'naia matematika [Computer Mathematics]

Vychislitel'nye metody i programmirovanie [Computation Methods and Programming]

Zbirnyk prats' z obchysliuval'noi matematyky i tekhniky [Papers on Computer Mathematics and Engineering]

Zhurnal vychislitel'noi matematiki i matematicheskoi fiziki [Journal of Computer Mathematics and Mathematical Physics]
MiU

f) Physics

Akademiia nauk Gruzinskoi SSR, Tiflis. Institut fiziki. Trudy [Academy of Sciences of the Georgian S.S.R. Institute of Physics. Transactions]
ICMILC NNC

Akademiia nauk Kazakhskoi SSR, Alma-Ata. Institut iadernoi fiziki. Trudy [Academy of Sciences of the Kazakh S.S.R. Institute of Nuclear Physics. Transactions]
CLU ICMILC IaAS NN

Akademiia nauk SSSR. Izvestiia. Seriia fizicheskaia [Academy of Sciences of the U.S.S.R. Bulletin. Physical Series]
CLU CSt CStmoR CU CaOTR
CoU CtHT CtY DBS DNAL
DSI-M GU IArg ICJ ICU
IU IaU InIA InLP MBA
MCM MH MdBJ MiU MnU
MoKL NIC NN NNC NNIS
NbU NcD NcU NjP OCoB
OU PPAP RPB TxU WaU

Akademiia nauk SSSR. Izvestiia. Seriia geofizicheskaia [Academy of Sciences of the U.S.S.R. Bulletin. Geophysical Series]
AzU CLU CStmoR CU CaOTU
CoBBS CtY DI-GS DS DWB
ICJ ICU IaAS IaU MH
MdBJ MiDW MiU MnU MoKL
NN NNC NNE NNIS NcU
OCoB OU PSt PU RPB
TxCM TxHR WU

...ademiia fiziches'kaia [Academy of Sciences of the U S S R Yakut Branch Transactions Physical Series]

Akademiia nauk SSSR, Fizicheskii institut Trudy [Academy of Sciences of the U S S R Institute of Physics Transactions]

CLU	CU	CaOTR	DNAL	MoKL
NN	NNC	NjMuB	NjR	PPF
RPB	WaU			

Akademiia nauk SSSR, Institut fiziki atmosfery, Trudy [Academy of Sciences of the U.S S R, Institute of Atmospheric Physics, Transactions]

CU	CaOOG	IU	MCM	MoKL
OCoL	RPB			

Akademiia nauk SSSR Institut fiziki Zemli Trudy [Academy of Sciences of the U S S R Institute of Physics of the Earth Transactions]

CaOOG	CaOON	CtY	KU	MoKL
MoU	NIC	NN	NhD	OU
TxHR				

Akademiia nauk SSSR Institut fiziki Zemli Trudy Voprosy inzhenernoi seismologii [Academy of Sciences of the U S S R Institute of Physics of the Earth Transactions Problems of Engineering Seismology]

Akademiia nauk SSSR Institut zemnogo magnetizma, ionosfery i rasprostraneniia radiovoln Trudy [Academy of Sciences of the U.S S R. Institute of Terrestrial Magnetism, the Ionosphere, and Radio Wave Propagation Transactions]

CoBBs

Akademiia nauk Turkmenskoi SSR, Ashkhabad Fiziko-tekhnicheskii institut Trudy [Academy of Sciences of the Turkmen S S R Institute of Physics and Technology Transactions]

Akademiia nauk URSR, Kiev Instytut geofizyky Geofizicheskii sbornik [Academy of Sciences of the Ukrainian S S R Institute of Geophysics Geophysical Papers]

Akademiia nauk Uzbekskoi SSR, Tashkent Izvestiia, Seriia fiziko-matematicheskikh nauk [Academy of Sciences of the Uzbek S.S R Bulletin Series in Physical and Mathematical Sciences]

CLSU	CSt	CU	KU	MH

Akusticheskii zhurnal [Journal of Acoustics]

CPT	CU	DBS	ICJ	MCM
MoKL	NBSU-M	NIC	NN	NNC
NjMuB	OCIC5	OCoB	PPF	RPB

Alma-Ata Kazakhskii nauchno-issledovatel'skii gidrometeorologicheskii institut. Trudy [Kazakh Scientific Research Hydrometeorological Institute Transactions]

IU

Chekhoslovatskii fizicheskii zhurnal [Czechoslovak Journal of Physics]

Eesti NSV Teaduste akadeemia Füüsika ja Astronoomia Instituut Issledovaniia po fizike atmosfery [Academy of Sciences of the Estonian S S R Institute of Physics and Astronomy Research on the Physics of the Atmosphere]

DBS	DSI	MCM

Eesti NSV Teaduste akadeemia, Füüsika ja Astronoomia Instituut Uurimused Trudy Instituta fiziki i astronomii Akademii nauk Estonskoi SSR [Academy of Sciences of the Estonian S S R Institute of Physics and Astronomy Transactions]

CSt	CU	ICMILC	ICU	ICU-Y
IU	MH	NNC	NjP	

Fizika tverdogo tela [Solid State Physics]

CU	CaOON	CoBBS	IEN	MCM
MoKL	NIC	NN	NjMuB	OCoB
RPB				

Fizika v shkole [Physics in Schools]

CU	InLP	MH	NN	NNS

Geofizicheskii biulleten' [Geophysical Bulletin]

Geomagnetizm i aeronomiia [Geomagnetism and Aeronomy]

CaOOM MCM

Iskusstvennye sputniki Zemli [Artificial Earth Satellites]

CU	CaOON	MCM	MoKL	NIC
NN	RPB			

Issledovaniia po uprugosti i plastichnosti [Studies on Elasticity and Plasticity]

Itogi nauki: Fiziko-matematicheskie nauki [Achievements of Science Physicomathematical Sciences]

ICJ

Kiev Ukrainskii nauchno-issledovatel'skii gidrometeorologicheskii institut Trudy [Ukrainian Scientific Research Hydrometeorological Institute Transactions]

DNAL	DWB	MCM

Kiev. Universytet. Sbornik rabot po mezhdunarodnomu geofizicheskomu godu [University. Papers on the International Geophysical Year]

Kristallografiia [Crystallography]

CLU	CU	CaOOG	ICMILC	ICU
IEN	IaU	InLP	LNBT	MCM
MH	MoKL	NIC	NN	NcU
NjMuB	RPB	TxU	ViU	

Leningrad, Glavnaia geofizicheskaia observatoriia. Trudy [Main Geophysical Observatory. Transactions]

CU	DNAL	DWB	ICU	MCM
NN	TxU	WaU		

teorologicheskogo priborostroeniia Trudy [Scientific Research Institute of Hydrometeorological Instrument Making. Transactions]

CU DNAL

Mery i izmeritel'nye pribory [Measures and Measuring Instruments]

Meteorologiia i gidrologiia [Meteorology and Hydrology]

AzU	CStmoR	CU	CU-S	CaOTM
CaQM44	DNAL	GAT	ICU	IU
InLP	MCM	MH	MH-HH	MWHH
MiU	MoKL	NN	NjMuB	OCU
PSt	TxU			

Morskie gravimetricheskie issledovaniia [Marine Gravimetric Research]

CU RPB

Moscow, Nauchno-issledovatel'skii institut aeroklimatologii Trudy [Scientific Research Institute of Aeroclimatology Transactions]

CU DN-HO DNAL

Moscow, TSentral'nyi institut prognozov Trudy [Central Weather Institute. Transactions]

CU-S	DNAL	GAT	MCM

Moscow, Universitet Vestnik, Seriia 3 Fizika, astronomiia [University. Review Series 3 Physics, Astronomy]

CLU	InNd	KU	MBU	MoKL
NN	NNC	NcU	RPB	TxHR

Optika i spektroskopiia [Optics and Spectroscopy]

CLU	CU	CoBBs	DBS	ICJ
IEN	IU	IaAS	IaU	LU
MCM	MH	MMeT	MdBJ	MiU
MoKL	NBSU-M	NIC	NN	NNC
NRU	NjP	NjMuB	OCoB	OU
PPF	RPB	TxDaM	WaU	

Pribory i tekhnika eksperimenta [Instruments and Experimental Techniques]

CPT	CU	CaOON	DBS	DNIH
IEN	MH	MoKL	NIC	NjMuB
OCoB	RPB	TONS		

Problemy difraktsii i rasprostraneniia voln [Problems in Wave Diffraction and Propagation]

Referativnyi zhurnal: Fizika [Journal of Abstracts Physics]

CLU	CSt	CStmoR	CaOON	CoBBS
CoU	CtY	DBS	FU	ICJ
IU	KU	MCM	MiU	MnU
MoKL	MoSW	MoU	NIC	NN
NNC	NjP	OCoB	OrCS	P
PSt	RPB	WU	WaU	

Referativnyi zhurnal: Geofizika [Journal of Abstracts: Geophysics]

CLU	CU	CU-S	CaOON	CoBBS
CoU	DBC	DBS	DN-HO	IU
IaAS	InLP	MCM	MiU	MnU
MoKL	MoSW	MoU	NIC	NjMuB
OCoB	P	WaU		

Referativnyi zhurnal: Mekhanika [Journal of Abstracts: Mechanics]

CLU	CPT	CSt	CStmoR	CU
CaOON	DBS	DC	FU	ICJ
IU	InLP	InU	KU	MCM
MdBJ	MnU	MoKL	MoU	NIC
NN	NNC	NjMuB	OrCS	P
PPF	RPB	WaU		

Riga Universitate Zinatniskie raksti. Uchenye zapiski Latviiskogo gosudarstvennogo universiteta [University. Studies]

Russia (1923- U. S. S. R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia, Izvestiia vysshikh uchebnykh zavedenii: fizika [Ministry of Higher and Secondary Specialized Education, Bulletin of the Institutions of Higher Learning, Physics]

CU	CaOON	DN-RL	IaU	MoKL
NIC	NN	NNC	OCoB	TGNS

Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia, Izvestiia vysshikh uchebnykh zavedenii, radiofizika [Ministry of Higher and Secondary Specialized Education Bulletin of the Institutions of Higher Learning, Radio Physics]

Srednеaziatskii nauchno-issledovatel'skii gidrometeorologicheskii institut Trudy [Central Asia Hydrometeorological Research Institute. Transactions]

CU WaU

Tashkent. Gidrometeorologicheskaia observatoriia. Sbornik rabot [Hydrometeorological Observatory. Papers]

Tiflis. Nauchno-issledovatel'skii gidrometeorologicheskii institut. Trudy [Hydrometeorological Scientific Research Institute. Transactions]

DNAL

TSentral'naia aerologicheskaia observatoriia. Trudy [Central Aerological Observatory. Transactions]

CU CU-S CoBBS

TSimlianskaia gidrometeorologicheskaia observatoriia. Sbornik rabot [TSimlyansk Hydrometeorological Observatory. Collected Papers]

Ukrains'kyi fizychnyi zhurnal [Ukrainian Physical Journal]

Uspekhi fizicheskikh nauk [Progress in the Physical Sciences]

CLU	CSt-L	CStmoR	CU	DBS
MnU	MoKL	NN	NSt	
OCoH	PPF	RPB		
WaU				

Vladivostok Dal'nevostochnyi nauchno-issledovatel'skii gidrometeorologicheskii institut Trudy [Far Eastern Hydrometeorological Research Institute Transactions]

Voprosy dinamiki i prochnosti [Problems in Dynamics and Strength]

Zhurnal eksperimental'noi i teoreticheskoi fiziki [Journal of Experimental and Theoretical Physics]

CLU	CSt-L	CStmoR	CU	
CtY	DBS	DNAL	IEN	
IFN	IU	IaU	MoU	
MH-PR	MiU	MnU	MoSW	
NN	NNC	NNIS	NRU	
NcD	NcU	NjP	OCoB	
PPAN	PU-Math	PU-P	RPB	
WU	WaU			

14. MEDICINE

a) General

Akademiia meditsinskikh nauk SSSR [illegible] (Academy of Medical Sciences of the U[illegible] nal)

CU-M	CtY-M	DHC	DNLM	
ICU	MBU	MH	MiU	
MoSW	NNC	NNIS	NNN[illegible]	

Akademiia meditsinskikh nauk SSSR [illegible] onkologii Trudy [Academy of Medicine the U.S S R. Institute of Oncology [illegible]

DNLM

Akademiia nauk Uzbekskoi SSR, Tashkent [illegible] evoi eksperimental'noi meditsiny [illegible] of Sciences of the Uzbek S S R [illegible] Experimental Medicine, Transactions]

DNLM ICMILC

Azerbaichan tibb zhurnaly, Azerbaijan [illegible] ayat zhurnal [Azerbaijan Medical Journal]

Biulleten' eksperimental'noi biologii i [illegible] tin of Experimental Biology and Medicine]

CLU	CU	CaQMBM	[illegible]	
DNLM	ICU	MCM	[illegible]	
NNF	NNNAM	NjP	OCoH	

Chita, Institut epidemiologii, mikrobiologii i gigieny Nauchnye zapiski [Institute of Epidemiology, and Hygiene. Studies]

DNLM

Erivan. Meditsinskii institut. Trudy [Medical Institute. Transactions]

Geograficheskoe obshchestvo SSSR [illegible] skoi geografii. Materialy [Geographical U.S.S.R. Committee on Medical Geography]

Iz istorii meditsiny [From the History of Medicine]

DNLM

Kalinin Meditsinskii institut Trudy [Medical Institute. Transactions]

Kardiologiia [Cardiology]

(DNLM)

Kazanskii meditsinskii zhurnal [Kazan Medical Journal]

DNLM	ICS	MHM	MiU-M
NNNAM	PPC		

Khabarovsk, Meditsinskii institut. [illegible] Institute. Transactions]

(DNLM)

Kishinev, Moldavskii nauchno-issledovatel'skii [illegible] epidemiologii, mikrobiologii i gigieny [illegible] vian Scientific Research Institute of Epidemiology, Microbiology, and Hygiene. Transactions]

Klinicheskaia meditsina [Clinical Medicine]

(CSt-L)	(CaOLU)	(CtY-M)	(DNLM)	[illegible]
(ICU)	(MBM)	(MH-M)	(MiU)	[illegible]
(NBM)	(NNC)	(NNF)	(NNNAM)	[illegible]
(WaU)				

Kuybyshev, Meditsinskii institut. Trudy [Medical Institute Transactions]

(DNLM)

Leningrad, Gosudarstvennyi institut [illegible] venia vrachei. (Trudy) [State Institute of [illegible] ate Training for Physicians. (Transactions)]

Leningrad. Nauchno-issledovatel'skii [illegible] tiky trudosposobnosti i organizatsii truda [illegible] Trudy [Scientific Research Institute of [illegible] luation and Work Organization for the Health [illegible] Transactions]

Lietuvos TSR Mokslu akademija. Vilnius [illegible] tines medicinos institutas. Trudy [illegible] mental'noi meditsiny Akademii nauk Litovskoi [illegible] [Academy of Sciences of the Lithuanian S S R [illegible] tute of Experimental Medicine. Transactions]

Likars'kyi visnyk [Medical Journal]

Meditsinskaia parazitologiia i parazitarnye [illegible] [Medical Parasitology and Parasitic Diseases]

CU	CaOLU	DNAL	DNLM	[illegible]
MWHH	MnU	NNC	NNF	[illegible]
PPC				

Meditsinskaia radiologiia [Medical Radiology]
(CLU) (DNIII) (DNLM) (ICJ) (NBM)
(NNF) (NNNAM)

Meditsinskii referativnyi zhurnal [Medical Abstracts]
CaBVAU DNII DNLM MH-M NNC-M
NNNAM

Meditsinskii zhurnal Uzbekistana [Medical Journal of Uzbekistan]
DNLM ICJ MBM

Moscow. Pervyi Moskovskii meditsinskii institut Trudy [First Moscow Medical Institute. Transactions]
DNLM MII MIU

Moscow. TSentral'nyi institut usovershenstvovaniia vrachei Trudy [Central Institute for Postgraduate Training of Physicians. Transactions]
DNLM

Nauchnye trudy uchenykh i prakticheskikh vrachei [Studies by Medical Scientists and Practitioners]

Nekotorye filosofskie voprosy meditsiny i estestvoznaniia [Some Philosophical Problems in Medicine and the Natural Sciences]
DNLM

Nõukogude Eesti tervishoid [Health Service of Soviet Estonia]

Novosibirsk. Gosudarstvennyi meditsinskii institut Trudy [State Medical Institute. Transactions]
DNLM ICJ ICMILC MIU NNNAM

Pezirla sanetetsii [Health Service]

Predel'no-dopustimye kontsentratsii atmosfernykh zagriaznenii [Maximum Permissible Concentrations of Atmospheric Pollution]
DNLM

Problemy endokrinologii i gormonoterapii [Problems of Endocrinology and Hormone Therapy]
CU CaQMMM DNLM ICMILC IU
MIU NN NNF NNIS

Problemy tuberkuleza [Problems of Tuberculosis]
(CSt-L) (CU) (CU-M) (DNLM) (ICJ)
(ICU) (MIU) (NBM) (NNF) (NNIS)
(NNNAM) (PPC) (WaU)

Referativnyi zhurnal. Otdel'nyi vypusk 36. Meditsinskaia geografiia [Journal of Abstracts. Separate Issue 36. Medical Geography]

Rostov-on-Don. Gosudarstvennyi nauchno-issledovatel'skii protivochumnyi institut. (Trudy) [Antiplague State Scientific Research Institute. Transactions]
DNLM

Russia (1917- R.S.F.S.R.) Ministerstvo zdravookhraneniia. Uchenyi meditsinskii sovet. Biulleten' [Ministry of Health. Learned Medical Council. Bulletin]

Sbornik rabot po silikozu [Collected Papers on Silicosis]
DNLM

Semipalatinsk. Meditsinskii institut. Trudy [Medical Institute. Transactions]

Sofia TSentur za nauchno-tekhnicheska informatsiia i dokumentatsiia. Referativnyi biulleten' bolgarskoi nauchnoi literatury. Biologiia i meditsina [Center of Scientific and Technical Information and Documentation. Bulletin of Abstracts of Bulgarian Scientific Literature. Biology and Medicine]

Sovetskaia meditsina [Soviet Medicine]
CSt-L CaOLU DII DNLM ICJ
ICU MB-M MIU MnU NNC-M
NNF NNIS NNNAM PPC PU
WaU

Sovetskoe zdravookhranenie [Soviet Health Service]
DBC DNLM DII NN NNF
NNIS WaU

Sovetskoe zdravookhranenie Kirgizii [Soviet Health Service of Kirghizia]
NNF

Sudebno-meditsinskaia ekspertiza [Medicolegal Examination]

Sveikatos apsauga [Health Protection]

Tashkent. Nauchno-issledovatel'skii institut vaktsin i syvorotok. Trudy [Scientific Research Institute of Vaccines and Sera. Transactions]

Urologiia [Urology]
(DNLM) (NBM) (NN) (NNF) (NNNAM)

Veselība [Health]

Vestnik rentgenologii i radiologii [Review of Roentgenology and Radiology]
CSt-L CU-M DNII DNLM ICJ
ICS MIU MnU NBM NNF
NNIS NNNAM PPC

Voenno-meditsinskii zhurnal [Journal of Military Medicine]
DNLM ICJ MH-M NNNAM

Voprosy onkologii [Problems of Oncology]
(CU) (DNII) (DNLM) (ICJ) (NNF)
(NNNAM)

Voprosy patologii krovi i krovobrashcheniia [Problems of the Pathology and Circulation of Blood]

Vrachebnoe delo [Medical Practice]
CLM CSt-H CU-M CaOON CaQMBM
DNLM ICJ ICS IU-M MBM
MIU NBM NNC NNF NNIS
NNNAM PPC

Zdorov'e [Health]
DNLM ICMILC NNF NNIS

Zdravookhranenie [Health Service]
DNLM

Zdravookhranenie Belorussii [Health Service of White Russia]
DC DNLM NNF

Zdravookhranenie Kazakhstana [Health Service of Kazakhstan]
(DNLM) (NNF)

Zdravookhranenie Rossiiskoi Federatsii [Health Service of the Russian Federation]
DBC DNLM NNF

Zdravookhranenie Tadzhikistana [Health Service of Tajikistan]
DBC DNLM NNF

Zdravookhranenie Turkmenistana [Health Service of Turkmenistan]
DNLM NNF

Zhurnal mikrobiologii, epidemiologii i immunobiologii [Journal of Microbiology, Epidemiology, and Immunobiology]
CLU CSt-L CU CaOLU DNAL
DNLM ICU IaU MIU MnU
MoKL NIC NNF NNIS NNNAM
NNRI PPAN PPC RPB WaU

b) Gynecology, obstetrics & pediatrics

Akusherstvo i ginekologiia [Obstetrics and Gynecology]
(CtY) (DNLM) (DS) (ICJ) (ICU)
(NBM) (NNF) (NNIS) (NNNAM) (PPC)

Gorkiy Gor'kovskii gosudarstvennyi meditsinskii institut. Kafedra akusherstva i ginekologii. Sbornik nauchnykh rabot [Gorkiy State Medical Institute. Department of Obstetrics and Gynecology. Papers]
(DNLM)

Pediatriia [Pediatrics]

Pediatriia, akusherstvo i ginekologiia [Pediatrics, Obstetrics, and Gynecology]
CU CU-M CaOON DNLM ICJ
IU-M KU NNF NNNAM PPC

Voprosy okhrany materinstva i detstva [Problems of Mother and Child Care]
CU-M DNLM NNF

c) Neurology & psychiatry

Akademiia meditsinskikh nauk SSSR, Moscow. Institut nevrologii. Nauchnye trudy [Academy of Medical Sciences of the U.S.S.R. Institute of Neurology. Studies]
DNLM

Akademiia nauk SSSR. Institut vysshei nervnoi deiatel'nosti. Trudy. Seriia patofiziologicheskaia [Academy of Sciences of the U.S.S.R. Institute of the Higher Nervous Function. Transactions. Pathophysiological Series]
(CLU) (CU) (DNLM) (ICJ) (IU)
(MIU) (NIC) (OrCS) (WU) (WaU)

K izucheniiu roli nervnoi sistemy v patogeneze, immunogeneze i lechenii tuberkuleza [Study of the Role of the Nervous System in the Pathogenesis, Immunogenesis, and Treatment of Tuberculosis]
(DNLM)

Leningrad. Gosudarstvennyi nauchno-issledovatel'skii psikhonevrologicheskii institut. Trudy [State Psychoneurological Scientific Research Institute. Transactions]

Moscow. Gosudarstvennyi nauchno-issledovatel'skii institut psikhiatrii. Trudy [State Scientific Research Institute of Psychiatry. Transactions]
DNLM

Ocherki klinicheskoi nevrologii [Studies in Clinical Neurology]
(DNLM)

Praktika sudebnopsikhiatricheskoi ekspertizy [Practice of Forensic Psychiatry Expertise]

Problemy sudebnoi psikhiatrii [Problems of Forensic Psychiatry]
CSt-H DNLM MIU NIC NNNAM

Voprosy diagnostiki i patomorfologii nervnykh zabolevanii [Problems in the Diagnosis and Pathomorphology of Nervous Diseases]

Voprosy elektropatologii i elektrotravmatizma [Problems of the Electropathology and Electrotraumatism]

Voprosy psikhiatrii [Problems of Psychiatry]

Voprosy psikhiatrii i nevropatologii [Problems of Psychiatry and Neuropathology]
DNLM

Zhurnal nevropatologii i psikhiatrii [Journal of Neuropathology and Psychiatry]
CU DNLM ICJ ICU MH-M
MIU MnU NNF NNIS NNNAM
PPC WaU

Zhurnal vysshei nervnoi deiatel'nosti [Journal of the Higher Nervous Function]
CU-M CtY-M DNLM ICJ FTaSU
ICJ ICMILC MH-M NIC NNF
NNIS NNNAM

d) Ophthalmology & otorhinolaryngology

Moscow. Gosudarstvennyi nauchno-issledovatel'skii institut ukha, gorla i nosa. Trudy [State Scientific Research Institute of Diseases of the Ear, Nose, and Throat. Transactions]
(DNLM)

Oftal'mologicheskii zhurnal [Ophthalmological Journal]
CaOON DNLM NNF NNNAM PPC

Turkmenskii nauchno-issledovatel'skii trakhomatoznyi institut. Trudy [Turkmen Scientific Research Trachoma Institute. Transactions]

Vestnik oftal'mologii [Review of Ophthalmology]
CLU CSt-L CoDM CtY DNLM
ICU NNF NNIO NNNAM NhD
PPC

Vestnik otorinolaringologii [Review of Otorhinolaryngology]
(DNLM) (NNC) (NNF) (PPC)

Zhurnal ushnykh, nosovykh i gorlovykh boleznei [Journal of Ear, Nose, and Throat Diseases]
CU-M DNLM NBM NNF NNNAM

e) Pathology & therapeutics

Akademiia nauk Kazakhskoi SSR, Alma-Ata. Institut krayevoi patologii. Trudy [Academy of Sciences of the Kazakh S.S.R. Institute of Geographical Pathology. Transactions]
CLU DNAL DNLM

Arkhiv patologii [Archives of Pathology]
(CLU-M) (DNLM) (ICJ) (NNC-M) (NNF)
(NNIS) (OCoB)

Laboratornoe delo [Laboratory Work]
CU CaQMMM DNLM NNF

Patologicheskaia fiziologiia i eksperimental'naia terapiia [Pathological Physiology and Experimental Therapy]
DNLM MnU-B NNF NNNAM

Problemy gematologii i perelivaniia krovi [Problems of Hematology and Blood Transfusion]
(CaQMMM)(DNII) (DNLM) (ICJ) (NNF)

Pyatigorsk. Gosudarstvennyi nauchno-issledovatel'skii balneologicheskii institut. Uchenye zapiski [State Scientific Research Balneological Institute. Studies]
DNLM

Terapevticheskii arkhiv [Therapeutic Archives]
(CSt-L) (DNLM) (ICJ) (NBM) (NNF)
(NNIS) (NNNAM) (PPC)

Voprosy kurortologii, fizioterapii i lechebnoi fizicheskoi kul'tury [Problems of Resort Therapy, Physical Therapy, and Therapeutic Physical Culture
(DNLM) (NNF) (NNIS)

f) Pharmacy & materia medica

Akademiia meditsinskikh nauk SSSR. Moscow. Institut farmakologii i khimioterapii. Uchenye zapiski [Academy of Medical Sciences of the U.S.S.R. Institute of Pharmacology and Chemotherapy. Studies]
DNLM KAS

Antibiotiki [Antibiotics]
CU CaBVaU CaOON DII DNAL
DNLM ICJ IaAS InLP NNC-M
NNF OCoB

Aptechnoe delo [Pharmacy]
DNLM NNF NNIS

Eksperimental'nye i klinicheskie issledovaniia po antibiotikam, sbornik nauchnykh trudov [Experimental and Clinical Research on Antibiotics, Papers]
DNLM

Farmakologiia i toksikologiia [Pharmacology and Toxicology]
CLU CU CU-M CaOL CaQMMM
DNLM ICJ ICMILC MII MIU
MnU MoKL NNC NNF OUCA
PPC RPB WaU

Farmatsevticheskii zhurnal [Pharmaceutical Journal]
NNF NNNAM

Leningrad. Khimiko-farmatsevticheskii institut. Trudy [Pharmaceutical Chemistry Institute. Transactions]

Meditsinskaia promyshlennost' SSSR [Medical Supplies Industry of the U.S.S.R.]
CU-M DNII DNLM NNF NNC

Perm. Farmatsevticheskii institut. Trudy [Pharmaceutical Institute. Transactions]

Vitaminnye resursy i ikh ispol'zovanie [Vitamin Resources and Their Utilization]

Voprosy meditsinskoi khimii [Problems of Medical Chemistry]
CaOON DNLM DP ICJ NNNAM

g) Public health & nursing

Fel'dsher i akusherka [Feldsher and Midwife]
DC DNLM NNF

Gigiena i sanitariia [Hygiene and Sanitation]
CU-M DBC DNLM MnU NNF
NNNAM WaU

Gigiena truda i professional'nye zabolevaniia [Labor Hygiene and Occupational Diseases]
(DNLM) (NNF) (NNNAM)

Leningrad. Sanitarno-gigienicheskii meditsinskii institut. Trudy [Medical Institute of Sanitation and Hygiene. Transactions]
CU-M DNLM DS MH MIU
MnU WaU

Meditsinskaia sestra [Medical Nurse]
DBC DNLM NNF NNIS

Moscow. Nauchno-issledovatel'skii institut sanitarii i gigieny Uchenye zapiski [Scientific Research Institute of Sanitation and Hygiene Studies]

Sbornik rabot po maliarii i gel'mintozam [Papers on malaria and Helminthiases]

b) Surgery & dentistry

Akademiia nauk Kazakhskoi SSR, Alma-Ata. Institut klinicheskoi i eksperimental'noi khirurgii. Trudy [Academy of Sciences of the Kazakh S.S.R. Institute of Clinical and Experimental Surgery. Transactions]
(DNLM)

Eksperimental'naia khirurgiia i anesteziologiia [Experimental Surgery and Anesthesiology]
(CLU) (CaBVaU) (CaQMMM)(DNDJ) (DNLM)
(ICJ) (KU-M) (MoRM) (NNF) (WaU)

Grudnaia khirurgiia [Thoracic Surgery]
(DNLM) (KU-M) (NNF)

Khirurgiia [Surgery]
CSt-L CaOLU DNLM ICJ ICS
ICU MH-M MiU MnU NNC
NNF NNIS NNNAM PPC WaU

Klinicheskaia khirurgiia [Clinical Surgery]

Leningrad Gosudarstvennyi nauchno-issledovatel'skii institut travmatologii i ortopedii Trudy [State Scientific Research Institute of Traumatology and Orthopedics. Transactions]

Moscow. Nauchno-issledovatel'skii institut eksperimental'noi khirurgicheskoi apparatury i instrumentov Trudy [Research Institute for Experimental Surgical Apparatus and Instruments. Transactions]
(DNLM)

Novosibirsk. Gosudarstvennyi nauchno-issledovatel'skii institut travmatologii i ortopedii. Trudy [State Scientific Research Institute of Traumatology and Orthopedics. Transactions]
(DNLM)

Novyi khirurgicheskii arkhiv [New Surgical Archives]
(CU-M) (DNLM) (NBM) (NNC) (NNF)
(NNNAM) (PPC)

Odessa. Nauchno-issledovatel'skii institut stomatologii. Trudy [Scientific Research Institute of Stomatology. Transactions]
(DNLM)

Ortopediia, travmatologiia i protezirovanie [Orthopedics, Traumatology, and Prosthesis]
(CLU) (DNLM) (MBM) (NBM) (NNF)
(NNNAM) (PPC)

Problemy stomatologii [Problems of Stomatology]
(DNLM)

Stomatologiia [Stomatology]
DNLM DNLM ICU NNF NBM
NNIS WaU

Vestnik khirurgii [Review of Surgery]
DNLM ICJ ICS MBM MnU
NBM NNIS NNF PPC

Voprosy neirokhirurgii [Problems of Neurosurgery]
DNLM ICU MiU MnU NNF
NNIS

l) Venereology & dermatology

Vestnik dermatologii i venerologii [Review of Dermatology and Venereology]
DNLM ICU NBM NNF NNNAM
PPCP

16. AGRICULTURE

a) General

Agrikultura shi viteritul Moldovei [Agriculture and Animal Husbandry of Moldavia]
DNAL

Agrokhimiia [illegible]
CaOOAg CaOON
MH MoKL
WaU

Akademiia nauk Azerbaidzhanskoi SSR, Baku. Institut pochvovedeniia [Academy of Sciences of Azerbaijan S.S.R. Institute of Soil Science. Transactions]

Akademiia nauk Kazakhskoi SSR, Alma-Ata. Institut botaniki i fitointroduktsii [Academy of Sciences of the Kazakh S.S.R. Institute of Botany and Plant Introduction. Transactions]
DNAL MiLC IU

Akademiia nauk Tadzhikskoi SSR, Stalinabad. Otdelenie fiziko-matematicheskikh i estestvennykh nauk. Izvestiia [Academy of Sciences Tadzhik S.S.R. Department of Physical and Mathematical Sciences. Bulletin]

Akademiia sel'skokhoziaistvennykh nauk imeni V.I. Lenina. Trudy [Lenin Academy of Agricultural Sciences. Transactions]

Armenian S S R. Glavnoe upravlenie sel'skokhoziaistvennykh nauk i podgotovki kadrov. Izvestiia [Main Administration of Agricultural Sciences and Staff Training Bulletin. Agricultural Sciences]

Armenian S.S.R. Upravlenie sel'skokhoziaistvennoi nauki Izvestiia s.c.e Armenian S S R. Glavnoe upravlenie sel'skokhoziaistvennykh nauk i podgotovki kadrov. Izvestiia Sel'skokhoziaistvennye nauki

Ashkhabad. Turkmenskii nauchno-issledovatel'skii institut zemledeliia. Trudy [Turkmen Scientific Research Institute of Agriculture. Transactions]
DNAL

Augane un raza. Pochva i urozhai [Soils and Crops]
(CU) (DNAL) (NIC-A) (NN)

Chatkal'skaia gornomeliorativnaia opytnaia stantsiia Trudy [Chatkal Experiment Station for Improvement of Mountain Land Transactions]

Chelyabinsk. Institut mekhanizatsii i elektrifikatsii sel'skogo khoziaistva Trudy [Institute for the Mechanization and Electrification of Agriculture. Transactions]

Dotnuva. Lietuvos zemdirbystes instituto. Informacinis biuletenis [Lithuanian Institute of Agriculture Information Bulletin]

Druva [Field]

Eesti Pollumajanduse akadeemia, Tartu. Teaduslike toode kogumik Sbornik nauchnykh trudov Estonskoi sel'skokhoziaistvennoi akademii [Estonian Agricultural Academy Papers]

Fedchenko. Fedchenkovskaia meliorativnaia opytnaia stantsiia Trudy [Fedchenko Land Improvement Experiment Station Transactions]
DNAL

Frunze. Kirgizskii nauchno-issledovatel'skii institut zemledeliia Trudy [Kirghiz Scientific Research Institute of Agriculture. Transactions]
DNLM

Gidrotekhnika i meliorataiia [Hydraulic Engineering and Reclamation]
DNAL DS IU MCM MoKL
NN NNC NNIS WaU

Gorki (Mogilevskaya oblast') Belaruskaia akademiia sel'skae haspadarki Trudy [White Russian Academy of Agriculture Transactions]
CU CoFS DNAL IU InAS
MH NBG NIC-A NN NNM
NcD OCl OU TxCM ViBlbV
ViU

Irkutsk. Sel'skokhoziaistvennyi institut. Izvestiia [Agricultural Institute Bulletin]
CU DNAL MH-Z MiU NIC-A
PPAN PPAmP

Kalininskaia gosudarstvennaia sel'skokhoziaistvennaia opytnaia stantsiia. Sbornik nauchnykh trudov [Kalinin State Agricultural Experiment Station Papers]

Kaunas. Lietuvos hidrotechnikos ir melioracijos mokslinio tyrimo institutas Darbai. Trudy Litovskogo nauchno-issledovatel'skogo instituta gidrotekhniki i melioratsii [Lithuanian Scientific Research Institute of Hydraulic Engineering and Reclamation. Transactions]

Kazakhskaia akademiia sel'skokhoziaistvennykh nauk Institut vodnogo khoziaistva. Trudy [Kazakh Academy of Agricultural Sciences. Institute of Water Resources Management. Transactions]

Kazakstannyn auyl sharuashylygy [Kazakhstan Agriculture]

Kharkov. Ukrainskii nauchno-issledovatel'skii institut pochvovedeniia. Nauchnye trudy [Ukrainian Research Institute of Soil Science. Studies]
DNAL

Khmel'nyts'ka derzhavna sil's'kohospodars'ka doslidna stantsiia. Naukovi pratsi [Khmel'nitskiy State Agricultural Experiment Station. Studies]
DNAL

Khochagli kishloki Tochikiston [Agriculture of Tajikistan]

Kiev. Ukrains'ka akademiia sil's'kohospodars'kykh nauk Dopovidi [Ukrainian Academy of Agricultural Sciences. Reports]
DNAL

Kiev. Ukrains'ka akademiia sil's'kohospodars'kykh nauk. Naukovi pratsi aspirantiv [Ukrainian Academy of Agricultural Sciences Graduate Student Studies]

Kirovograd. Derzhavna sil's'kohospodars'ka doslidna stantsiia Naukovi pratsi [State Agricultural Experiment Station. Studies]
DNAL

Kolhospnyk Ukrainy [Collective Farmer of the Ukraine]
DNAL DS KU NN

Kolkhoznoe proizvodstvo [Collective Farm Production]
CLU CSt-H CU CaOOS DNAL
KU MH MoKL NN NNC
NNIS WaU

Kozarovyts'ka doslidna stantsiia lukivnytstva. Naukovi pratsi [Kozarovichi Experiment Station for Meadow Cultivation. Studies]
DNAL

Krest'ianka [The Peasant Woman]
CLU CSt-H MH MdBJ NN
NNC NNIS

Kyrgyzstandyn a'yl charuasy [Agriculture of Kirghizistan]

Leningrad Vsesoiuznyi nauchno-issledovatel'skii institut sel'skokhoziaistvennoi mikrobiologii Trud, [All-Union Scientific Research Institute of Agricultural Microbiology Transactions]
CU DNAL IU InAS MwHH
NIC-A

Materialy po sel'skokhoziaistvennomu raionirovaniiu Irkutskoi oblasti [Materials on the Agricultural Zoning of Irkutsk Province]

Mekhanizatsiia i elektrifikatsiia sotsialisticheskogo sel'skogo khoziaistva [Mechanization and Electrification of Socialist Agriculture]
CSt-H CU DNAL DS IU
InAS MCM NIC-A NN NNE

Mekhanizatsiia sil's'koho hospodarstva [Mechanization of Agriculture]
DNAL

Mezhdunarodnyi sel'skokhoziaistvennyi zhurnal [International Agricultural Journal]

Moscow. Institut inzhenerov zemleustroistva. Trudy [Institute of Land Utilization Engineers. Transactions]

Moscow. Moskovskaia sel'skokhoziaistvennaia akademiia im. Timiriazeva Doklady [Timiriazev Agricultural Academy of Moscow. Reports]
CLU CU CaOOA CoFS DNAL
IU MH NIC OU

Moscow. Moskovskaia sel'skokhoziaistvennaia akademiia im. Timiriazev Izvestiia [Timiriazev Agricultural Academy of Moscow. Bulletin]
CaOOA DNAL DS ICJ ICMILC
MH MdBJ MiU NIC-A NN
NNIS WaU

Moscow. Tsentral'naia nauchnaia sel'skokhoziaistvennaia biblioteka Biulleten' [Central Agricultural Library. Bulletin]

Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut gidrotekhniki i melioratsii. Trudy [All-Union Scientific Research Institute of Hydraulic Engineering and Land Reclamation. Transactions]
CU DNAL NNE

Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut mekhanizatsii sel'skogo khoziaistva Trudy [All-Union Scientific Research Institute for the Mechanization of Agriculture Transactions]
DNAL

Novosibirsk. Sel'skokhoziaistvennyi institut. Trudy [Agricultural Institute Transactions]
(DNAL)

Odessa. Ukrainskyi naukovo-doslidnyi instytut hydrotekhniky ta melioratsii. Naukovi pratsi [Ukrainian Scientific Research Institute of Hydraulic Engineering and Reclamation. Studies]
DNAL

Omsk. Sel'skokhoziaistvennyi institut. Trudy [Agricultural Institute. Transactions]
CU CoFS DNAL ICJ IU
InAS MBN MH-P NBG NIC-A
NN NNBG NNC NNM NYHT
OCLloyd PPAN WaU

Persianovka. Azovo-Chernomorskii sel'skokhoziaistvennyi institut. Sbornik nauchno-issledovatel'skikh rabot [Azov-Black Sea Agricultural Institute. Papers]
(CU) (CU-S) (DNAL) (IU) (NIC-A)

Pochvovedenie [Soil Science]
CLU CU CaOOA CnOTU DNAL
DNLM ICJ IU InAS KMK
MH MH-Z MiUM MiU MnU
MoKL N NIC-A NN NNC
NNIS NcD NcRS NjR OCoU
OrCS TxCM WaU

Pochvy Uzhnogo Urala i Povolzh'ia [Soils of the Southern Urals and the Volga Valley]
DNAL

Pollumajanduse mehhaniseerimine ja elektrifitseerimine [Mechanization and Electrification of Agriculture]

Rohumaaviljelus [Meadow Cultivation]
DNAL

Saratov. Institut mekhanizatsii sel'skogo khoziaistva. Trudy [Institute of the Mechanization of Agriculture. Transactions]
DNAL MH

Sbornik trudov po agronomicheskoi fizike [Papers on Agricultural Physics]

Sbornik trudov po zemledel'cheskoi mekhanike [Papers on Agricultural Mechanics]

Sel'skaia haspadarka Belarusi [Agriculture of White Russia]
DNAL

Sel'skii mekhanizator [The Rural Mechanic]
DNAL

Sel'skoe khoziaistvo; sistematicheskii ukazatel' statei v inostrannykh zhurnalakh [Agriculture, Classed Index of Articles in Foreign Periodicals]
DS

Sel'skoe khoziaistvo Belorussii [Agriculture of White Russia]
DNAL KU

riculture of Kazakh-

ulture of Kirghizia]

[Agriculture of the

riculture of the Volga

zkaza [Agriculture of

noi zony [Agriculture

KU MH
lture of Siberia]
KU
[Agriculture of Tajik-

n [Agriculture of

Agriculture of Uzbe-

NIC NN
Chekhoslovakii
hoslovakia]
SSSR [Agricultural

DNAL DS

- Agriculture]
lstvo Azerbaidzhana
ijan]

ist Agriculture]

rm Production]
ICU KU

l institut. Trudy [Agri-
]

sledovatel'skii institut
i soobshchenia [Ural
Agriculture. Reports

rl [Series: Directions

darstvennaia sel'sko-
tia. Trudy [Tatar Re-
ment Station. Trans-

[Machinery in Agricul-

MoKL NN

oblastnaia opytno-mel-
trudy [Kaliningrad
d Improvement Station.

rnyi institut. Trudy
reniiam po agronomii
nary Institute. Trans-
ctical Conference on

riculture of Uzbeki-

zsiaistvennykh nauk
ut mekhanizatsii i
vladeltsa. Sbornik
t [Uzbek Academy of
te Research Institute
ification of Irrigation
ch Papers]

uki [Review of Agricul-

InU NNC

ky [Review of Agricul-

ozdarstva dosldna stan-
tate Agricultural Ex-

duktivnosti sklonovykh
he Erosion and the
the Sloping Lands of

aniki [Problems of

zsiaistvennu nauku [For

ledavii [Agriculture and

ii institut mekhanizatsii
Azov-Black Sea Institute
ulture. Transactions]

b) Animal industry

Akademiia nauk SSSR. Ikhtiologicheskaia komissiia Trudy soveshchanii [Academy of Sciences of the U.S.S.R. Ichthyological Commission Transactions of Conferences]
CU DNAL FMU MH MiU
NIC-A NN NNC PPAN WU
WaU

Akademiia nauk Tadzhikskoi SSR, Dushanbe. Institut pochvovedeniia Trudy [Academy of Sciences of the Tajik S.S.R. Institute of Soil Science Transactions]
DNAL

Akademiia nauk Tadzhikskoi SSR, Dushanbe Institut zhivotnovodstva i veterinarii Trudy [Academy of Sciences of the Tajik S S R Institute of Animal Husbandary and Veterinary Medicine. Transactions]

Alma-Ata. Zooveterinarnyi institut. Trudy [Zootechnical and Veterinary Institute. Transactions]
DNAL

Askaniya-Nova, Ukrains'kyi naukovo-doslidnyi instytut tvarynnytstva stepovykh raioniv. Naukovi pratsi [Ukrainian Scientific Research Institute of Animal Husbandry of the Steppe Regions. Studies]

Erivan. Armianskii nauchno-issledovatel'skii institut zhivotnovodstva i veterinarii Trudy [Armenian Scientific Research Institute of Animal Husbandry and Veterinary Medicine Transactions]

Kaliningrad. Baltiiskii nauchno-issledovatel'skii institut morskogo rybnogo khoziaistva i okeanografii Trudy [Baltic Scientific Research Institute of Marine Fisheries and Oceanography. Transactions]

Kaliningrad. Kaliningradskii tekhnicheskii institut rybnoi promyshlennosti i khoziaistva Trudy [Kaliningrad Technical Institute of Fisheries. Transactions]

Kharkov. Zooveterinarnyi institut, Zootekhnicheskii fakul'tet Nauchnye trudy [Zootechnical and Veterinary Institute, Faculty of Animal Husbandry Studies]
DNAL

Kiev. Naukovo-doslidnyi instytut tvarynnytstva Lisostepu i Polissia. Naukovi pratsi [Scientific Research Institute of Animal Husbandry of the Forest-Steppe Regions and Polesye Studies]

Kiev. Ukrains'kyi naukovo-doslidnyi instytut ptakhivnytstva. Naukovi pratsi [Ukrainian Scientific Research Institute of Poultry Raising. Studies]
(DNAL)

Konevodstvo i konnyi sport [Horse Breeding and Equine Sports]
(DNAL) (MH) (MoKL)

Konigsberg. Baltiiskii nauchno-issledovatel'skii institut morskogo rybnogo khoziaistva i okeanografii. Trudy [Baltic Scientific Research Institute of Marine Fisheries and Oceanography. Transactions]

Krolikovodstvo i zverovodstvo [Rabbit Breeding and Fur Farming]
DNAL ICMILC

Latvijas Padomju Socialistiskas Republikas Zinatnu akademija. Zootechnikes un zoohigienas institute. Raksti. Sbornik trudov instituta zootekhniki i zoogigieny [Academy of Sciences of the Latvian S.S.R. Institute of Animal Husbandry and Veterinary Hygiene. Transactions]
(CU) (DNAL) (IaAS) (NIC) (NIC-A)

Leningrad. Gosudarstvennyi nauchno-issledovatel'skii institut ozernogo i rechnogo rybnogo khoziaistva. Izvestiia [State Scientific Research Institute of Lake and River Fisheries. Bulletin]
CU DNAL DI DSI-M IU
MH-Z MWh-B MiU NIC-A NN
NNC NNM NcD WaU

Minsk. Nauchno-issledovatel'skii veterinarnyi institut. Trudy [Veterinary Research Institute. Transactions]
(DNAL)

Molochnaia promyshlennost' [Dairy Industry]
CaOON DNAL DS IU MH
MdBJ MoKL NIC-A NNIS

Molochnoe i miasnoe skotovodstvo [Dairy and beef Cattle Breeding]
(DNAL) (DS) (ICMILC)

Molochnoe i miasnoe zhivotnovodstvo [Dairy and Beef Cattle Breeding]
(DNAL) (DS) (ICMILC)

Moscow. Nauchno-issledovatel'skii institut pushnogo zverovodstva i krolikovodstva. Nauchnye trudy [Scientific Research Institute of Fur Farming and Rabbit Breeding. Studies]

Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut morskogo rybnogo khoziaistva i okeanografii. Trudy [All-Union Scientific Research Institute of Marine Fisheries and Oceanography. Transactions]
CLSU CLU CSt CU CU-S
CaOTU DI DNAL DN-HO DSI
IU MBN MH-Z MiU NIC
NN NNM NcD PPAN

Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut zhivotnovodstva. Sbornik aspirantskikh rabot [All-Union Scientific Research Institute of Animal Husbandry. Graduate Student Papers]

Moskovskoe obshchestvo okhotnikov. Sbornik informatsionnykh i instruktivnykh materialov [Moscow Society of Hunters. Information and Instructions]

Murmansk Poliarnyi nauchno-issledovatel'skii institut morskogo rybnogo khoziaistva i okeanografii. Nauchno-tekhnicheskii biulleten' [Arctic Scientific Research Institute of Marine Fisheries and Oceanography. Scientific and Technical Bulletin]

Murmansk Poliarnyi nauchno-issledovatel'skii institut morskogo rybnogo khoziaistva i okeanologii Trudy [Arctic Scientific Research Institute of Marine Fisheries and Oceanography. Transactions]

Okhota i okhotnich'e khoziaistvo [Hunting and Game Management]

Ovtsevodstvo [Sheep Breeding]
(DNAL) (NNF)

Pchelovodstvo [Apiculture]
CU-A CoFS DNAL MH MoKL
NIC NNIS OrCS WU

Ptitsevodstvo [Poultry Raising]
(DNAL) (NIC) (NN) (NNIS)

Ratsionalizatsiia okhotnich'ego promysla [Improving Commercial Hunting]

Rostovskaia oblastnaia nauchno-issledovatel'skaia veterinarnaia stantsiia Trudy [Rostov Province Veterinary Research Station. Transactions]
(DNAL)

Rybnaia promyshlennost' [Fishing Industry]

Rybnoe khoziaistvo [Fisheries]
CU CU-S CtY DBC DNAL
MH-Z MdBJ MiU MoKL NN
NNC NNIS WaU

Rybovodstvo i rybolovstvo [Pisciculture and Fishing]

Saratov. Nauchno-issledovatel'skaia veterinarnaia stantsiia Sbornik nauchnykh rabot [Veterinary Research Station Papers]
DNAL

Sel'skoe khoziaistvo za rubezhom: Zhivotnovodstvo [Agriculture Abroad: Animal Husbandry]
(DNAL)

Sel'so, Vsesoiuznaia kartoteka obmena opytom v sotsialisticheskom sel'skom khoziaistve. Serlia Kolkhoznoe zhivotnovodstvo [Sel'so, All-Union Pamphlet Collection for the Exchange of Experience in Socialist Agriculture Series on Collective-Farm Animal Husbandry]
DNAL

Sotsialisticheskoe tvarynnytstvo [Socialist Animal Husbandry]
DNAL

Svinovodstvo [Swine Breeding]
DNAL

Troitsk. Veterinarnyi institut. Trudy [Veterinary Institute. Transactions]
DNAL

Trudy po prikladnoi botanike, genetike i selektsii [Papers on Applied Botany, Genetics, and Plant Breeding]

Veterinariia [Veterinary Medicine]
CU DNAL DNLM IaAS MoKL
NNIS PPC

Voronezh. Gosudarstvennyi zootekhnicheskо-veterinarnyi institut. Studencheskie nauchnye raboty [State Zootechnical and Veterinary Institute. Student Research Papers]

Zhivotnovodstvo [Animal Husbandry]
CStmoR DNAL DS ICMILC MdBJ
MoKL NNC

c) Forestry

Akademiia nauk SSSR. Laboratoriia lesovedeniia. Soobshcheniia [Academy of Sciences of the U.S.S.R. Laboratory of Forestry. Reports]
DNAL ICMILC MiU NIC

Akademiia nauk SSSR. Sibirskoe otdelenie. Institut lesa i drevesiny. Trudy [Academy of Sciences of the U.S.S.R. Siberian Department. Institute of Forest and Wood. Transactions]

Khimki. TSentral'nyi nauchno-issledovatel'skii institut mekhanizatsii i energetiki lesnoi promyshlennosti. Trudy [Central Scientific Research Institute of Mechanization and Use of Power in Lumbering. Transactions]

Kiev. Ukrains'ka akademiia sil's'kohospodarskykh nauk. Naukovi pratsi lisohospodars'koho fakul'tetu [Ukrainian Academy of Agricultural Sciences. Studies of the Forestry Faculty]

Latvijas Padomju Socialistiskas Republikas Zinatnu akademija. Mezsaimniecibas problemu un koksnes kimijas institute. Trudy instituta lesokhoziaistvennykh problem i khimii drevesiny [Academy of Sciences of the Latvian S.S.R. Institute of Forestry and Wood Chemistry. Transactions]
CU NN

Les i step' [Forest and Steppe]
DNAL MoKL NIC-A

Lesnaia promyshlennost' [Forest Industries]
CU DNAL DS MH NN
NNC NNIS WaU

Lesnoe khoziaistvo [Forestry]
CU DNAL DS InU MiU
MoKL NN NNC NNIS WaU

Master lesa [Master Lumberman]
DNAL

Mastu gurios [Our Forests]

Polezashchitnoe lesorazvedenie na kashtanovykh pochvakh [Shelterbelt Afforestation on Chestnut Soils]

Russia (1923- U S S R) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia Izvestiia vysshikh uchebnykh zavedenii, lesnoi zhurnal [Ministry of Higher and Secondary Specialized Education Bulletin of the Institutions of Higher Learning, Forestry Journal]

Shornik nauchno-issledovatel'skikh rabot po zashchitnomu lesorazvedeniiu [Papers on Shelterbelt Afforestation]
(DNAL)

Voronezh. Lesotekhnicheskii institut Nauchnye zapiski [Forestry and Lumbering Institute Studies]

Vsesoiuznyi nauchno-issledovatel'skii institut lesnogo khoziaistva (Trudy) [All-Union Scientific Research Institute of Forestry. (Transactions)]

d) Plant culture

Akademiia nauk SSSR Moldavskii filial Botanicheskii sad Spisok semian, predlagaemykh v obmen [Academy of Sciences of the U S S R Moldavian Branch, Botanical Garden List of Seeds Offered for Exchange]
DNAL

Akademiia nauk Tadzhikskoi SSR, Stalinabad Institut sadovodstva. Trudy [Academy of Sciences of the Tajik S.S R Institute of Horticulture Transactions]
DNAL

Alma-Ata. Nauchno-issledovatel'skii institut zashchity rastenii. Trudy [Scientific Research Institute of Plant Protection. Transactions]

Baku Azerbaidzhanskii nauchno-issledovatel'skii institut sadovodstva, vinogradarstva i subtropicheskikh kul'tur Trudy [Scientific Research Institute of Horticulture, Viticulture, and Subtropical Crops Transactions]
DNAL

Daildarzniecība [Ornamental-Plant Growing]
DNAL

Glukhov Vsesoiuznyi nauchno-issledovatel'skii institut lubianykh kul'tur Trudy [All-Union Scientific Research Institute of Bast Fiber Crops Transactions]
DNAL

Gruzinskii nauchno-issledovatel'skii institut gidrotekhniki i melioratsii Trudy [Georgian Scientific Research Institute of Hydraulic Engineering and Reclamation Transactions]

Kartofel' i ovoshchi [Potatoes and Vegetables]
(CU) (DNAL) (WaU)

Kazakhskaia akademiia sel'skokhoziaistvennykh nauk. Institut plodovodstva i vinogradarstva Trudy [Academy of Agricultural Sciences Institute of Fruit Culture and Viticulture Transactions]
(DNAL)

Khlopkovodstvo [Cotton Growing]
(CU) (DNAL) (DS) (ICMILC) (MdBJ)
(NN) (NNIS) (WaU)

Khlopkovodstvo na polivnykh zemliakh, ukazatel' literatury [Cotton Growing on Irrigated Lands, Index to the Literature]

Kiev. Ukrains'kyi naukovo-doslidnyi instytut sadivnytstva. Nauchnye trudy [Ukrainian Scientific Research Institute of Horticulture Studies]

Kiev. Ukrains'kyi naukovo-doslidnyi instytut sadivnytstva. Naukovi pratsi [Ukrainian Scientific Research Institute of Horticulture. Studies]

Kiev Ukrains'kyi naukovo-doslidnyi instytut zemlerobstva. Naukovi pratsi [Ukrainian Scientific Research *Institute of* Agriculture. Studies]
CoFS DNAL NIC-A

Kishinev. Moldavskii nauchno-issledovatel'skii institut sadovodstva, vinogradarstva i vinodeliia. Trudy [Moldavian Scientific Research Institute of Fruit Culture, Viticulture, and Wine Making Transactions]

Krasnodar. Vsesoiuznyi nauchno-issledovatel'skii institut tabaka i makhorki. Shornik nauchno-issledovatel'skikh rabot [All-Union Scientific Research Institute of Tobacco and Makhorka. Collection of Research Papers]
CU DNAL ICU NCsC NIC-A
NYBT NcRS NjR OU TxCM
WU

Kukuruza [Corn]
(DNAL) (WaU)

Len i konoplia [Flax and Hemp]
DNAL WaU

Leningrad. Vsesoiuznyi institut rastenievodstva. Shornik trudov aspirantov i molodykh nauchnykh sotrudnikov [All-Union Institute of Plant Culture. Papers by Graduate Students and Young Research Workers]
AzU CaOOAg DNAL NIC

Leningrad. Vsesoiuznyi institut zashchity rastenii. Trudy [All-Union Institute of Plant Protection. Transactions]
DNAL IU OU PPAN

Leningrad. Vsesoiuznyi institut zashchity rastenii. Azerbaidzhanskaia stantsiia Trudy [All-Union Institute of Plant Protection. Azerbaijan Station. Transactions]

Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut zerna i produktov ego pererabotki Trudy [All-Union Scientific Research Institute of Grain and Grain Products Transactions]
CSt-H CU DNAL IU NIC-A
NjR WaU

Na stroikakh Rossii [At Russian Construction Projects]

Pomikultura, vitikultura shi vinaritul Moldovei [Fruit Culture, Viticulture, and Wine Making in Moldavia]
DNAL

Povyshenie plodorodiia pochv nechernozemnoi polosy [Improving Soil Fertility in the Non-Chernozem Belt]

Ramon' Voronezhskii nauchno-issledovatel'skii institut sakharnoi svekly i sakhara. Trudy [All-Russian Scientific Research Institute of Sugar Beets and Sugar. Transactions]

Sadovodstvo [Horticulture]

Sadovodstvo, vinogradarstvo i vinodelie Moldavii [Fruit Culture, Viticulture, and Wine Making in Moldavia]
(DNAL)

Sakharnaia svekla [Sugar Beets]
(CU) (DNAL) (WaU)

Selektsiia i semenovodstvo [Plant Breeding and Seed Production]
CLU CU CaOOA DNAL MH
MoKL NIC NN NNIS

Sel'so, Vsesoiuznaia kartoteka obmena opytom v sotsialisticheskom sel'skom khoziaistve Kolkhoznoe zemledelie [Sel'so, All-Union Pamphlet Collection for the Exchange of Experience in Socialist Agriculture. Collective Farming]

Sel'skoe khoziaistvo za rubezhom. Rastenievodstvo [Agriculture Abroad: Plant Culture]
(DNAL)

Subtropicheskie kul'tury [Subtropical Crops]
CU

Sukhum. Opytnaia stantsiia efiromaslichnykh kul'tur. Trudy [Experiment Station of Essential Oil Crops Transactions]

Tabak [Tobacco]
CU DNAL ICJ ICMILC NN
NNIS NcRS

Tashkent Vsesoiuznyi nauchno-issledovatel'skii institut khlopkovodstva. Otdel risa i drugikh oroshaemykh zernovykh kul'tur. Trudy [All-Union Scientific Research Institute of Cotton Growing. Department of Rice and Other Irrigated Grain Crops. Transactions]
(DNAL)

Torzhok Vsesoiuznyi nauchno-issledovatel'skii institut l'na. Trudy [All-Union Scientific Research Institute of Flax. Transactions]
DNAL

TSvetovodstvo [Floriculture]
(CU) (DNAL)

Uzbekskaia akademiia sel'skokhoziaistvennykh nauk. Institut bogarnogo zemledeliia. Trudy [Uzbek Academy of Agricultural Sciences. Institute of Dry Farming. Transactions]

Uzbekskaia akademiia sel'skokhoziaistvennykh nauk. Nauchno-issledovatel'skii institut sadovodstva, vinogradarstva i vinodeliia. Trudy [Uzbek Academy of Agricultural Sciences, Scientific Research Institute of Fruit Culture, Viticulture, and Wine Making. Transactions]
DNAL

Vinodelie i vinogradarstvo SSSR [Viticulture and Wine Making in the U S.S.R.]
DNAL MoKL NNIS

Yalta. Gosudarstvennyi Nikitskii botanicheskii sad. Trudy [Nikita State Botanical Garden. Transactions]

Zashchita rastenii ot vreditelei i boleznei [Protecting Plants Against Diseases and Pests]
(CU) (DNAL) (NIC) (NIC-A)

Zemledelie [Agriculture]
CStmoR CU DNAL ICU IaU
InU MH MdBJ MoKL NN
NNC *WaU*

Minsk. Belorusskii nauchno-issledovatel'skii institut zemledeliia. Shornik nauchnykh trudov [White Russian Scientific Research Institute of Agriculture. Papers]
(CU) (DNAL) (NIC-A)

16 TECHNOLOGY

a) General

Akademiia nauk Armianskoi SSR, Erivan. Izvestiia. Seriia tekhnicheskikh nauk [Academy of Sciences of the *Armenian S.S.R* Bulletin. Series in the Technological Sciences]
CStmoR MCM MH RPB

Akademiia nauk Uzbekskoi SSR, Tashkent. Izvestiia. Seriia tekhnicheskikh nauk [Academy of Sciences of the Uzbek S.S.R. Bulletin. Series in the Technical Sciences]
CU IEN KU

Bezopasnost' truda v promyshlennosti [Industrial Safety]

Biulleten' izobretenii [Bulletin on Inventions]
CaOON DP ICJ KU MoKL
NN PPF

Dzhemes inchnyi biulleten' Izobretenii [Monthly Bulletin on Inventions]
CaOON DP ICJ KU MoKL
NN PPF

GOST <u>s e e</u> SSSR. Gosudarstvennyi standart

Gorkiy Politekhnicheskii institut Trudy [Polytechnic Institute Transactions]

Informatsionnyi ukazatel' standartov [Information Index of Standards]
DNAL

Inzhenerno-fizicheskii zhurnal [Journal of Engineering Physics]
CLSU CU CoBBs DBC DBS
IU KU LNHT MCM MiU
MoKL NN NNC NNE NjP
OCoB WaU

IUnyi tekhnik [Young Technician]
CStmoR

Izmeritel'naia tekhnika [Measurement Techniques]
CaOON DBS MoKL NN PPF

Izobretatel' i ratsionalizator [Inventor and Efficiency Promoter]
CU *KU*

Kharkov Politekhnicheskii institut Trudy [Polytechnic Institute Transactions]

Leningrad. Leningradskii inzhenerno-ekonomicheskii institut. Trudy [Leningrad Engineering and Economics Institute. Transactions]
GAT IU InU MH MiU

Leningrad Politekhnicheskii institut. Trudy [Polytechnic Institute. Transactions]
CLU CU NN NIC

Leningrad, Tekhnologicheskii institut. Trudy [Technological Institute. Transactions]

Minsk. Belorusskii nauchno-issledovatel'skii institut. Shornik nauchnykh trudov [White Russian Polytechnic Institute. Papers]

Mokslas ir technika [Science and Technology]

Moscow. Gosudarstvennyi nauchno-issledovatel'skii institut nauchnoi i tekhnicheskoi informatsii Biulleten' tekhniko-ekonomicheskoi informatsii [State Scientific Research Institute for Scientific and Technical Information Bulletin of Technical and Economic Information]
DBC NIC

Moscow. Inzhenerno-ekonomicheskii institut. Institut Trudy [Institute of Engineering and Economics. Studies]
CU InU MH MiU NjR

Moscow. Moskovskoe vysshee tekhnicheskoe uchilishche (Trudy) [Moscow Technical College (Transactions)]
CU MoKL NIC NN NjP
OU RPB WaU

Moscow. TSentral'nyi institut tekhniko-ekonomicheskoi informatsii. Biulleten' tekhniko-ekonomicheskoi informatsii <u>s e e</u> Moscow. Gosudarstvennyi nauchno-issledovatel'skii institut nauchnoi i tekhnicheskoi informatsii. Biulleten' tekhniko-ekonomicheskoi informatsii

Moscow. Vystavka dostizhenii narodnogo khoziaistva SSSR. Programma na nedeliu [Exhibition of Achievements of the National Economy of the U.S.S.R. Program for the Week]

Narysy z istorii tekhniky [Outline of the History of Technology]
CU RPB

Nauchno-tekhnicheskie obshchestva SSSR [Scientific Technological Societies of the U.S.S.R.]
CU CaOON IU MH OCoB
RPB WaU

Nauka i tekhnika [Science and Technology]

Nauka - proizvodstvu [Science in the Service of Industry]

Novocherkassk. Politekhnicheskii institut. Trudy [Polytechnic Institute. Transactions]
DI-GS NN

Novye knigi za rubezhom. Seriia B: Tekhnika [New Foreign Books, Series B: Technology]

Obzor pol'skoi tekhnicheskoi literatury [Polish Technical Abstracts]

Obzor vengerskoi tekhnicheskoi literatury [Survey of Hungarian Technical Literature]

Odessa. Politekhnicheskii institut. Nauchnye zapiski [Polytechnic Institute. Studies]

PMTF; zhurnal prikladnoi mekhaniki i tekhnicheskoi fiziki [PMTF, Journal of Applied Mechanics and Technical Physics]
CSt InLP NIC NjP OCoB
PPF TONS

Professional'no-tekhnicheskoe obrazovanie [Vocational Technical Education]
DC MCM MH MdBJ NBC
NN

Promyshlennost' Armenii [Industry of Armenia]

Ratisbon. Ukrains'kyi tekhnichno-hospodars'kyi institut. Naukovyi biuleten' [Ukrainian Technical Institute Scientific Reports]

Referativnyi zhurnal. Otdel'nyi vypusk 19: Izmeritel'nye i upravliaiushchie ustroistva i tekhnika [Journal of Abstracts. Separate Issue 19: Measurement and Regulating Devices]

Russia (1923- U.S.S.R.) Komitet standartov, mer i izmeritel'nykh priborov. Trudy institutov komiteta [Committee of Standards, Measures, and Measuring Instruments. Transactions of the Institutes of the Committee]
CU NN

U.S.S.R. Gosudarstvennyi standart [U.S.S.R. State Standard]

Gosudarstvennoe nauchno-issledovatel'skoe i proektno-konstruktorskoe byuro standartizatsii. Trudy [Scientific Research Institute of Labor Protection and Occupational Hygiene. Transactions]

Identifikatsiia [Identification]
DIS UAS

Leningradskii politekhnicheskii institut. Trudy [Leningrad Polytechnic Institute. Transactions]
CU GS RPB

Lvovskii politekhnicheskii institut. Trudy A [Lvov Polytechnic Institute. Transactions]

Mekhanizatsiia i avtomatizatsiia [Mechanization and Automation]

Nauka i zhizn' [Science and Life]
CTN InIP MH NN
NJH ZnN ChOT NNI InNT
MnF ZhJB OCoH OU PsI
RPB

Nauka i tekhnika molodezhi [Science and Technology for Youth]
CtooOK CTN InIP MH NN
NJH ZnN OCoH

Nauka i zhizn' Ukrainskikh inzhenerov [Science and Life of Ukrainian Engineers]

Nauka i tekhnika [Science and Technology]
CtooOK CTN InIP MH NN
NJH ZnN ChOT NNI InNT
MnF ZhJB OCoH OU PsI
RPB

Nauka i tekhnika v SSSR [Science and Technology in the U.S.S.R.]
CtooOK CTN InIP MH NN
NJH ZnN ChOT NNI InNT
MnF ZhJB OCoH OU PsI
RPB

Nauka i tekhnika Ukrainskoi SSR [Science and Technology of the Ukrainian S.S.R.]
CtooOK CTN InIP MH NN
NJH ZnN ChOT NNI InNT
MnF ZhJB OCoH OU PsI
RPB

Nauka i zhizn' [Science and Life]
CtooOK CTN InIP MH NN
NJH ZnN ChOT NNI InNT
MnF ZhJB OCoH OU PsI
RPB

Nauka i zhizn' Moldavii [Science and Life of Moldavia]
CtooOK CTN InIP MH NN
NJH ZnN ChOT NNI InNT
MnF ZhJB OCoH OU PsI
RPB

Nauka i zhizn' Sibiri [Science and Life of Siberia]
CtooOK CTN InIP MH NN
NJH ZnN ChOT NNI InNT
MnF ZhJB OCoH OU PsI
RPB

Nauka i zhizn' Uzbekistana [Science and Life of Uzbekistan]
CtooOK CTN InIP MH NN
NJH ZnN ChOT NNI InNT
MnF ZhJB OCoH OU PsI
RPB

Nauka i zhizn' Zakarpatskoi Ukrainy [Science and Life of Transcarpathian Ukraine]
CtooOK CTN InIP MH NN
NJH ZnN ChOT NNI InNT
MnF ZhJB OCoH OU PsI
RPB

Nauka i zhizn' Zapadnoi Ukrainy [Science and Life of Western Ukraine]
CtooOK CTN InIP MH NN
NJH ZnN ChOT NNI InNT
MnF ZhJB OCoH OU PsI
RPB

Nauka i zhizn' Zhitomirshchiny [Science and Life of Zhitomir Region]
CtooOK CTN InIP MH NN
NJH ZnN ChOT NNI InNT
MnF ZhJB OCoH OU PsI
RPB

Nauka i zhizn' Zhitomirshchiny [Science and Life of Zhitomir Region]

Nauka i tekhnika [Science and Technology]

Nauka i tekhnika molodezhi [Science and Technology for Youth]
CtooOK CTN InIP MH NN
NJH ZnN ChOT NNI InNT
MnF ZhJB OCoH OU PsI
RPB

Nauka i zhizn' Ukrainskikh inzhenerov [Science and Life of Ukrainian Engineers]

Nauka i tekhnika [Science and Technology]
CtooOK CTN InIP MH NN
NJH ZnN ChOT NNI InNT
MnF ZhJB OCoH OU PsI
RPB

Nauka i zhizn' [Science and Life]
CtooOK CTN InIP MH NN
NJH ZnN ChOT NNI InNT
MnF ZhJB OCoH OU PsI
RPB

Nauka i zhizn' Moldavii [Science and Life of Moldavia]
CtooOK CTN InIP MH NN
NJH ZnN ChOT NNI InNT
MnF ZhJB OCoH OU PsI
RPB

Nauka i zhizn' Sibiri [Science and Life of Siberia]
CtooOK CTN InIP MH NN
NJH ZnN ChOT NNI InNT
MnF ZhJB OCoH OU PsI
RPB

Nauka i zhizn' Uzbekistana [Science and Life of Uzbekistan]
CtooOK CTN InIP MH NN
NJH ZnN ChOT NNI InNT
MnF ZhJB OCoH OU PsI
RPB

Nauka i zhizn' Zakarpatskoi Ukrainy [Science and Life of Transcarpathian Ukraine]
CtooOK CTN InIP MH NN
NJH ZnN ChOT NNI InNT
MnF ZhJB OCoH OU PsI
RPB

Nauka i zhizn' Zapadnoi Ukrainy [Science and Life of Western Ukraine]
CtooOK CTN InIP MH NN
NJH ZnN ChOT NNI InNT
MnF ZhJB OCoH OU PsI
RPB

Nauka i zhizn' Zhitomirshchiny [Science and Life of Zhitomir Region]
CtooOK CTN InIP MH NN
NJH ZnN ChOT NNI InNT
MnF ZhJB OCoH OU PsI
RPB

Akademiia stroitel'stva i arkhitektury SSSR. Institut stroitel'nykh konstruktsii Nauchnoe soobshchenie [Academy of Construction and Architecture of the U.S.S.R. Institute of Construction Design Scientific Report]
CU NN

Akademiia stroitel'stva i arkhitektury SSSR Institut stroitel'nykh konstruktsii Trudy [Academy of Construction and Architecture of the U.S.S.R. Institute of Construction Design Transactions]
CU

Akademiia stroitel'stva i arkhitektury SSSR. Kazakhskii filial Trudy [Academy of Construction and Architecture of the U.S.S.R. Kazakh Branch. Transactions]

Akademiia stroitel'stva i arkhitektury SSSR. TSentral'nyi institut nauchnoi informatsii po stroitel'stvu i arkhitekture Opyt zarubezhnogo stroitel'stva [Academy of Construction and Architecture of the U.S.S.R. Central Institute of Scientific Information on Construction and Architecture Construction Practice Abroad]

Akademiia stroitel'stva i arkhitektury SSSR. Zapadno-Sibirskii filial, Novosibirsk. Trudy [Academy of Construction and Architecture of the U.S.S.R. West Siberian Branch Transactions]

Avtomobil'nye dorogi [Highways]
IU MdBJ WaU

Babushkin, Vsesoiuznyi nauchno-issledovatel'skii institut transportnogo stroitel'stva. Trudy [All-Union Scientific Research Institute of Transportation Construction. Transactions]
NIC NN NNC WaU

Beton i zhelezobeton [Concrete and Reinforced Concrete]
DBS ICJ MCM MH MoKL
NIC NN NNE NNIS

Bulleten' stroitel'noi tekhniki [Bulletin of Construction Engineering]
DS MoKL NN NNE NNIS

Budivel'ni materialy i konstruktsii [Building Materials and Construction Elements]

Eesti NSV Teaduste akadeemia. Ehituse ja Ehitusmaterjalide Institut Uurimusi ehituse alalt Issledovaniia po stroitel'stvu Instituta stroitel'stva i stroitel'nykh materialov Akademii nauk Estonskoi SSR [Academy of Sciences of the Estonian S.S.R. Institute of Construction and Building Materials Research on Construction]
CU

Gidrotekhnicheskoe stroitel'stvo [Hydrotechnical Construction]
CU DNAL DS GAT ICJ
MH MdBJ MnU MoKL NN
NNC NNE NNIS OUCA

Gidrotekhnika, nauchnye trudy [Hydraulic Engineering, Studies]

Gorodskoe khoziaistvo Moskvy [Municipal Economy of Moscow]
DBC KU MdBJ NNC NNIS

Issledovaniia po mikroklimatu naselennykh mest i zdanii i po stroitel'noi fizike [Research on the Microclimate of Populated Places and Buildings and on the Physics of Structures]

Issledovaniia po teorii sooruzhenii [Research in the Theory of Structures]
IEN NN

Kharkov Budivel'nyi instytut Trudy [Construction Institute Transactions]

Kiev. Inzhenerno-budivel'nyi instytut. Naukovi zapysky [Civil Engineering Institute Studies]

Korroziia tsementov i mery bor'by s nei [Corrosion of Cements and Measures for its Control]

Latvijas Padomju Socialistiskas Republikas Zinatnu akademija Arhitekturas un celtniecibas instituts. Issledovaniia po betonu i zhelezobetonu, sbornik statei [Academy of Sciences of the Latvian S.S.R. Institute of Architecture and Construction Research on Concrete and Reinforced Concrete, Papers]
CU

Leningrad Institut inzhenerov zheleznodorozhnogo transporta. Sbornik trudov [Institute of Railroad Transportation Engineers Papers]

Leningrad. Institut inzhenerov zheleznodorozhnogo transporta. Trudy [Institute of Railroad Transportation Engineers Transactions]

Leningrad. Inzhenerno-stroitel'nyi institut. Sbornik nauchnykh trudov [Civil Engineering Institute. Collected Papers]
MoKL

Mekhanizatsiia stroitel'stva [Mechanization of Construction]
CLU DS MH MdBJ MoKL
NN NNC NNIS

Montazhnye i spetsializirovannye raboty v stroitel'stve [Assembling and Specialized Operations in Construction]
CLU CaOON MH NN

Moscow. Arkhitekturno-planirovochnoe upravlenie. Spetsial'noe arkhitekturno-konstruktorskoe biuro. Biulleten' tekhnicheskoi informatsii [Architectural and Planning Administration. Special Architectural Design Bureau. Bulletin of Technical Information]

Moscow Gosudarstvennyi institut po proektirovaniiu, issledovaniiu i ispytaniiu stal'nykh konstruktsii i mostov Materialy po metallicheskim konstruktsiiam [State Institute for the Design, Study, and Testing of Steel Structures and Bridges Materials on Metallic Structures]

Moscow. Gosudarstvennyi nauchno-issledovatel'skii institut zhelezobetonnykh izdelii, stroitel'nykh i nerudnykh materialov Sbornik trudov [State Scientific Research Institute of Reinforced Concrete Products, Building Materials, and Rock Products. Collected Papers]

Moscow Gosudarstvennyi vsesoiuznyi nauchno-issledovatel'skii institut tsementnoi promyshlennosti. Nauchnye soobshcheniia [State All-Union Scientific Research Institute of the Cement Industry Scientific Reports]

Moscow. Institut inzhenerov vodnogo khoziaistva. Nauchnye zapiski [Institute of Water Resources Engineers. Scientific Papers]
CU DNAL DSI NNC

Moscow. Nauchno-issledovatel'skii institut asbesta, sliudy, asbestotsementnykh izdelii i proektirovaniia stroitel'stva predpriiatii sliudianoi promyshlennosti. Trudy [Scientific Research Institute of Asbestos, Mica, Asbestos-Cement Products, and for the Design of Plants for the Mica Industry Transactions]

Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut stroitel'noi keramiki. Trudy [All-Union Scientific Research Institute of Construction Ceramics. Transactions]
WaU

Moscow Vsesoiuznyi nauchno-issledovatel'skii institut vodosnabzheniia, kanalizatsii, gidrotekhnicheskikh sooruzhenii i inzhenernoi gidrogeologii Gidravlicheskaia laboratoriia. Trudy [All-Union Scientific Research Institute of Water Supply, Sewerage, Hydraulic Structures, and Engineering Hydrogeology Hydraulic Laboratory Transactions]

Nauchno-issledovatel'skii institut sel'skogo stroitel'stva. Sbornik nauchnykh soobshchenii [Scientific Research Institute of Rural Construction. Scientific Reports]

Opyt stroitel'stva [Construction Practice]
DBC NN NNC WaU

Osnovaniia, fundamenty i mekhanika gruntov [Foundations and Soil Mechanics]
CU GAT IEN IU InLP
MoKL

Põllumajandusehitus [Rural Construction]

Pozharnoe delo [Fire Fighting]
CaOON

Promyshlennaia aerodinamika [Industrial Aerodynamics]
CU CaOON NN OU

Promyshlennoe stroitel'stvo [Industrial Construction]
CStmoR CU ČtY DBS DC
DI-GS DS GAT IU MdBJ
NIC-A NN NNC NNE OCoB

Promyshlennoe stroitel'stvo i inzhenernye sooruzheniia [Industrial Construction and Engineering Structures]

Put' i putevoe khoziaistvo [Railroad Tracks and Roadway Maintenance]
InU

Raschet prostranstvennykh konstruktsii [Calculation of Spatial Structures]
CU MoKL

Referativnyi zhurnal: Stroitel'stvo i arkhitektura [Journal of Abstracts: Construction and Architecture]
CaOON DC

Referativnyi zhurnal: Transport [Journal of Abstracts: Transportation]

Rostov-on-Don. Inzhenerno-stroitel'nyi institut. Trudy [Civil Engineering Institute. Transactions]

Sel'skoe stroitel'stvo [Rural Construction]
DNAL DS MdBJ MoKL

Sil's'ke budivnytstvo [Rural Construction]

Stroitel' [The Builder]
ICMILC NNIS OCoB

Stroitel'naia mekhanika i raschet sooruzhenii [Structural Mechanics and Construction Calculations]
CU CaOON

Stroitel'nye materialy [Building Materials]
ICMILC MCM MH NNIS

Stroitel'stvo [Construction]

Tashkent. Institut inzhenerov irrigatsii i mekhanizatsii sel'skogo khoziaistva. Trudy [Institute of Irrigation and Farm Mechanization Engineers. Transactions]
DNAL

Tashkent. Institut inzhenerov zheleznodorozhnogo transporta. Trudy [Institute of Railroad Transportation Engineers. Transactions]

Tashkent. Sredneaziatskii nauchno-issledovatel'skii institut irrigatsii. Trudy [Central Asia Scientific Research Institute of Irrigation. Transactions]
CLU CU CoFS DNAL IU
MiU NN

Tomsk, Inzhenerno-stroitel'nyi institut. Sbornik nauchnykh trudov [Civil Engineering Institute. Collected Scientific Papers]

Transportnoe stroitel'stvo [Construction for the Transportation Industry]

TSement [Cement]
CtY GAT MH MdBJ NNC
NN

Vodosnabzhenie i sanitarnaia tekhnika [Water and Sanitary Engineering]
MCM NNIS

Voprosy gidrotekhniki [Problems of Hydraulic Engineering]

Vsesoiuznyi nauchno-issledovatel'skii institut stroitel'nykh materialov i gidrotekhnicheskogo Sbornik trudov [All-Union Scientific Research Institute of Rock Building Materials and Hydraulic Reports]

Vsesoiuznyi nauchno-issledovatel'skii institut stroitel'nykh materialov Sbornik trudov [All-Union Scientific Research Institute of New Building Collected Papers]

Zhilishchno-kommunal'noe khoziaistvo [Housing and Service]
DBC DS KMILC MdBJ
NNC NNIS

Zhilishchnoe stroitel'stvo [Housing Construction]
CU DS

o) Electrical engineering

Akademiia nauk Azerbaidzhanskoi SSR Institut elektrotekhnicheskii institut Trudy [Academy of Sciences of the Azerbaijan S.S.R. Power Institute. Transactions]

Akademiia nauk SSSR. Izvestiia. Otdelenie tekhnicheskikh nauk. Energetika i avtomatika [Academy of Sciences of the U.S.S.R. Bulletin. Department of Technological Sciences. Power Engineering and Automatic Control]
CSt CU CaOON CtB1 IU
ICJ IU N IU InAU
LU MiU MoKL NIC
NNE NNU NjP PU
RU TxHR

Akademiia nauk USSR, Kiev Institut elektrotekhnicheskikh Sbornik trudov [Academy of Sciences of the U.S.S.R. Institute of Electrical Engineering Works]
CU DNAL NN WaU

Annotirovannyi ukazatel' literatury po [Annotated Bibliography on Electricity]
CStmoR MCM

Atomnaia energiia [Atomic Energy]
CStmoR CU CU-S CaQVaU
DBS ICJ IEN InAU
MCM MdBJ MiD MoKL
NIC NNE NNIS NNU
PPF RPB TONS

Atomnaia tekhnika za rubezhom [Nuclear Engineering Abroad]

Avtomaticheskii kontrol' i elektricheskie izmereniia [Automatic Control and Electric Measurements]

Avtomatika i priborostroenie [Automatic Control and Instrument Manufacture]

Avtomatika i telemekhanika [Automatic and Remote Control]
CLU CStmoR CU DBS IU
IU MCM MH MoKL NN
NIC NN NNC NNJ NjMuH

Avtomatika i telemekhanika; sbornik statei [Automatic and Remote Control; Collected Papers]
MH

Avtomatika, telemekhanika i sviaz' [Automatic Control and Instrument Manufacture]
DBS ICJ IaU WaSpA

Avtomatyka [Automatic Control]
CU CaOON ICJ IEN InLP
MiU MoKL NjMuH OKentU

Elektricheskie stantsii [Electric Power Stations]
CLU CtY DS GAT IU
IU MH MdBJ MoKL NjP
NN NNC NNE OHCleA

Elektrichestvo [Electricity]
CLU CU CtY DBS InNd
DP DS GAT IU MiU
MH MdBJ MoKL NN
NNE NNIS OCoB PPI
WaU

Elektroenergetika [Electric Power]

Elektrosila; sbornik [Electric Power, Collected Papers]

Elektrosviaz' [Telecommunication]
CStmoR DBS GAT KU MiU
MCM MoKL NN NNC
PPF

Energeticheskii sbornik [Power Engineering Papers]

Energeticheskoe stroitel'stvo [Power Construction]
CU

Energeticheskoe stroitel'stvo za rubezhom. [Power Construction in Foreign Countries; supplement to periodical "Power Construction"]

Energetik [Electric Power Technician]
CU DS MdBJ MoKL
PPF

Energetika i elektrotekhnicheskaia promyshlennost' [Power Engineering and the Electric Equipment Industry]

Energokhoziaistvo za rubezhom; prilozhenie k zhurnalu "Elektricheskie stantsii" [Electric Power Production and Utilization in Foreign Countries, supplement to the periodical "Electric Power Stations"]

Latvijas Padomju Socialistiskas Republikas Zinatnu akademija, Elektronikas un automatikas technikas instituts. Trudy Instituta elektroniki i vychislitel'noi tekhniki Akademii nauk Latviiskoi SSR [Academy of Sciences of the Latvian S.S.R. Institute of Electronics and Computer Technology. Transactions]

Leningrad. Elektrotekhnicheskii institut. Izvestiia [Institute of Electrical Engineering. Bulletin]

Leningrad. Elektrotekhnicheskii institut sviazi. Trudy [Institute of Telecommunications Engineering. Transactions]

Leningrad. Gosudarstvennyi issledovatel'skii elektrokeramicheskii institut. Trudy [State Electrical Ceramics Research Institute. Transactions]

Moscow. Institut mekhanizatsii i elektrifikatsii sel'skogo khoziaistva. Trudy [Institute of Farm Mechanization and Electrification. Transactions]
DNAL

Moscow. Vsesoiuznyi elektrotekhnicheskii institut. Trudy [All-Union Institute of Electrical Engineering. Transactions]
CLU CSfA CU DBS IU
MCM NN NNE PPAN

Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut elektrifikatsii sel'skogo khoziaistva. Nauchnye trudy [All-Union Scientific Research Institute of Rural Electrification. Scientific Transactions]
CU CaOOAG DNAL

Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut zvukozapisi. Trudy [All-Union Scientific Research Institute of Sound Recording. Transactions]

Nauchno-issledovatel'skii institut postoiannogo toka. Izvestiia [Direct Current Scientific Research Institute. Bulletin]
CU NIC

Promyshlennaia energetika [Industrial Power]
CLU CU CaOON DS IEN
InU MH MoKL NN NNIS
OCoB

Radio [Radio]
CLU CStmoR CU CaOON DAL
DN-RL DS ICJ MH MdBJ
MoKL NN NNC NNIS

Radiotekhnika [Radio Engineering]
CLU CStmoR CU CaOON CoBBS
DAL DBS GAT ICJ IEN
IU ImLP MBdAF MH MdBJ
MoKL NN NNC PPF PPiC
RPB WaU

Radiotekhnika i elektronika [Radio Engineering and Electronics]
CLU CStmoR CU CoBBS CtY
DBC DBS ICMILC IEN IU
MCM MH MnU MoKL NIC
NjMuB PU RPB TxCM WaU

Referativnyi zhurnal: Avtomatika i radioelektronika [Journal of Abstracts, Automatic Control and Radio Electronics]
CoBBS MCM NIC NN NjP
RPB

Referativnyi zhurnal: Elektrotekhnika [Journal of Abstracts: Electrical Engineering]
CU CoBBS DBC DBS ICJ
IEN KU MCM MnU MoKL
MoU NIC NN NNE NjMuB
NjP P PPF

Referativnyi zhurnal: Elektrotekhnika i energetika [Journal of Abstracts: Electrical Engineering and Electric Power]
DNAL IEN NN NjP

Referativnyi zhurnal. Otdel'nyi vypusk 42: Stiovye ustanovki [Journal of Abstracts. Separate issue 42: Power Plants]

Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii; elektromekhanika [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning, Electrical Machinery and Apparatus]
CaOON ICMILC MCM NIC OCoB
PPF

Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii; energetika [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Power Engineering]
MCM NIC OCoB

Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii; radiotekhnika [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning, Radio Engineering]
CaOON CoBBS DBS ICMILC MoKL
NIC OCoB RPB

Svetotekhnika [Illuminating Engineering]
CaOON ICMILC OCoB

Vestnik elektropromyshlennosti [Review of the Electrical Industry]
CLU CtY IU MH MoKL
NN NNE PPiCI

Vestnik sviazi [Communications Review]
CStmoR DBC DS MCM MH
MdBJ NN WaU

Zarubezhnaia radioelektronika [Radio Electronics Abroad]
NjMuB

f) Industries & trades

Akademiia nauk URSR, Kiev. Instytut elektrozvariuvannia. Avtomaticheskaia svarka [Academy of Sciences of the Ukrainian S.S.R. Institute of Electric Welding. Automatic Welding]
ICJ MCM MnU MoKL RPB

Bumazhnaia i derevoobrabatyvaiushchaia promyshlennost' [Paper and Woodworking Industry]

Bumazhnaia promyshlennost' [Paper Industry]
CLU CSt-H DNAL DBC DS
GAT ICJ MH MdBJ MnU
MoKL NN NNC NNE NNIS
WAP

Derevoobrabatyvaiushchaia promyshlennost' [Woodworking Industry]
CU CaOTU DNAL MdBJ NN

Dlia detei; modeli i vykroiki [Patterns for Children]

Ivanovo. Nauchno-issledovatel'skii institut khlopchatobumazhnoi promyshlennosti. Nauchno-issledovatel'skie trudy [Scientific Research Institute of the Cotton Industry. Scientific Research Papers]

Kergetoostus [Light Industry]

Kharchova promyslovist' [Food Industry]

Khlebopekarnaia i konditerskaia promyshlennost' [Baking and Confectionary Industry]
DNAL ICMILC

Kozhevenno-obuvnaia promyshlennost' [Leather and Footwear Industry]
DBC

Lehka promyslovist' [Light Industry]

Leningrad. Lesotekhnicheskaia akademiia. Nauchnye trudy [Academy of Wood Technology. Studies]

Literatura po lesnoi i bumazhnoi promyshlennosti [Literature on Forest and Paper Industries]
DNAL

Mestnaia promyshlennost' i khudozhestvennye promysly [Local Industry and Art Trades]
CSt-H

Miasnaia industriia SSSR [Meat Industry of the U.S.S.R.]
CU DNAL DC DS MH
MdBJ MoKL NN NNF NNIS

Minsk. Belorusskii lesotekhnicheskii institut. Sbornik nauchnykh trudov [White Russian Institute of Wood Technology. Collection of Scientific Papers]

Modeli sezona [Season's Fashions]

Moscow. TSentral'nyi nauchno-issledovatel'skii institut khlebopekarnoi promyshlennosti. Trudy [Central Scientific Research Institute of the Baking Industry. Transactions]
DNLM

Moscow. TSentral'nyi nauchno-issledovatel'skii institut kozhevenno-obuvnoi promyshlennosti. Nauchno-issledovatel'skie trudy [Central Scientific Research Institute of the Leather-footwear Industry. Scientific Research Papers]
CU NN

Moscow. TSentral'nyi nauchno-issledovatel'skii institut promyshlennosti lubianykh volokon. Nauchno-issledovatel'skie trudy [Central Scientific Research Institute of the Bast Fiber Industry. Scientific Research Papers]

Mukomol'no-elevatornaia promyshlennost' [Flour Milling and Grain Storage]
DNAL MdBJ MoKL NIC-A NN

Novosti tekhnicheskoi literatury. Seriia: "Pishchevaia promyshlennost'" [News of Technological Literature. Series: "Food Industry"]

Obshchestvennoe pitanie [Public Food Service]
CU DNLM ICJ MdBJ NN

Opyt stakhanovtsev tsellyulozno-bumazhnoi promyshlennosti [Experience of Stakhanovites in the Woodpulp and Paper Industry]

Referativnyi zhurnal: Legkaia promyshlennost' [Journal of Abstracts: Light Industry]

Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii; tekhnologiia legkoi promyshlennosti [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning, Technology of Light Industry]
CaOON ICMILC OCoB

Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii; tekhnologiia tekstil'noi promyshlennosti [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning, Technology of the Textile Industry]
CaOON DNAL ICMILC MCM

Shveinaia promyshlennost' [Clothing Industry]
NN

Svarochnoe proizvodstvo [Welding Practice]
ICJ ICMILC MoKL

Tashkent. Tekstil'nyi institut. Sbornik nauchno-issledovatel'skikh robot [Textile Institute Collection of Scientific Research Papers]

Tekstil'naia promyshlennost' [Textile Industry]
CLU CaOON DBC DNAL DS
GAT IU MCM MdBJ MoKL
NN NNC NNCC NNIS NcRS

Zhurnal mod [Fashion Magazine]
NNIS

g) Mechanical engineering

Akademiia nauk Kazakhskoi SSR, Alma-Ata. Izvestiia, Seriia energeticheskaia [Academy of Sciences of the Kazakh S.S.R. Bulletin. Power Series]
MCM MoKL

Akademiia nauk Kazakhskoi SSR, Alma-Ata. Institut energetiki. Trudy [Academy of Sciences of the Kazakh S.S.R. Institute of Power Engineering. Transactions]

Akademiia nauk SSSR. Izvestiia. Otdelenie tekhnicheskikh nauk. Mekhanika i mashinostroenie [Academy of Sciences of the U.S.S.R. Bulletin. Department of Technological Sciences. Mechanics and Machine Building]
CSt CU CaOON CtHT DBS
GAT ICN IU IaAS LU
MH-GM MiU MoKL NIC NNC
NNE NNU NjP PBL PU
RPB RU TxHR WaU

Akademiia nauk SSSR. Institut mashinovedeniia. Trudy. Seminar po teorii mashin i mekhanizmov [Academy of Sciences of the U.S.S.R. Institute of Mechanical Engineering Transactions. Seminar on the Theory of Machines and Mechanisms]
MH MoKL NIC NN NNC
RPB

Akademiia nauk SSSR. Institut mashinovedeniia. Trudy. Seminar po tochnosti v mashinostroenii i priborostroenii. [Academy of Sciences of the U.S.S.R. Institute of Mechanical Engineering Transactions. Seminar on Precision in Machinery and Instrument Manufacture]
CU IEN NIC NNC RPB
WaU

Akademiia nauk SSSR. Komissiia po tekhnologii mashinostroeniia. Seminar po kachestvu poverkhnosti. Trudy [Academy of Sciences of the U.S.S.R. Commission on the Technology of Machine Construction. Seminar on the Quality of Surfaces. Transactions]
IU

Akademiia nauk SSSR. Sibirskoe otdelenie. Transportno-energeticheskii institut. Trudy [Academy of Sciences of the U.S.S.R. Siberian Department. Transportation and Power Institute. Transactions]
CU MH WU

Akademiia nauk URSR, Kiev. Instytut mashynoznavstva i avtomatyky. Naukhnye zapiski. Seriia mashinovedeniia [Academy of Sciences of the Ukrainian S.S.R. Institute of Machinery and Automatics. Scientific Records. Series in Mechanical Engineering]
NN

Akademiia nauk URSR, Kiev. Instytut teploenergetyky. Zbirnyk prats' [Academy of Sciences of the Ukrainian S.S.R. Institute of Heat-Power Engineering. Collected Papers]
NN

Akademiia nauk URSR, Kiev. Laboratoriia hidravlichnykh mashyn. Sbornik trudov [Academy of Sciences of the Ukrainian S.S.R. Laboratory of Hydraulic Machinery. Collected Papers]
CU

Akademiia navuk BSSR, Minsk. Fizika-tekhnichny instytut. Sbornik nauchnykh trudov [Academy of Sciences of the White Russian S.S.R. Institute of Technological Physics. Collected Scientific Papers]
CU KyU

Akademiia navuk BSSR, Minsk. Instytut mashynaznaustva i automatyzatsyi. Sbornik trudov [Academy of Sciences of the White Russian S.S.R. Institute of Mechanical Engineering and Automation. Papers]

Avtomobilist; al'manakh [Automobilist; Almanac]

Avtomobil'naia promyshlennost' [Automobile Industry]
CLU CStmoR CU CaOON DNAL
DAL DC DS IU MH
MdBJ MoKL NN NNC NNIS

Avtomobil'nyi transport [Automotive Transportation]
CStmoR DBC DS GAT MH
MdBJ MoKL NN NNC NNIS

Avtomobil'nyi transport za rubezhom [Automotive Transportation Abroad]

Bryansk. Institut transportnogo mashinostroeniia, Bezhitsa. Sbornik trudov [Institute of the Manufacture of Transportation Equipment. Papers]

Bumagodelatel'noe mashinostroenie [Paper-Making Machinery Manufacture]

Dnepropetrovsk Institut inzhenerov zheleznodorozhnogo transporta Trudy [Institute of Railroad Transportation Engineers. Transactions]

Dnepropetrovsk Vsesoiuznyi nauchno-issledovatel'skii trubnyi institut Biulleten' nauchno-tekhnicheskoi informatsii [All-Union Scientific Research Pipe Institute Bulletin of Technical Information]

Elektricheskaia i teplovoznaia tiaga [Electric and Diesel Locomotive Traction]
InU

Energomashinostroenie [Power Machinery Construction]
CU MoKL NIC NN NNE NNIS

Inzhenernyi zhurnal [Engineering Journal]
IaAS NNC NNE RPB

Kharkov. Institut inzhenerov zheleznodorozhnogo transporta Trudy [Institute of Railroad Transportation Engineers Transactions]
WaU

Konstruirovanie i tekhnologiia mashinostroeniia [Design and Technology in Machinery Manufacture]

Kuznechno-shtampovochnoe proizvodstvo [Forging and Stamping]
FU OCoB

Leningrad. Institut tochnoi mekhaniki i optiki. Sbornik statei [Institute of Precision Mechanics and Optics Collected Papers]
CU

Leningrad. Nauchno-issledovatel'skii institut mekhanizatsii rybnoi promyshlennosti. Trudy [Scientific Research Institute for the Mechanization of the Fishing Industry. Transactions]

Leningrad. TSentral'nyi nauchno-issledovatel'skii dizel'nyi institut. Trudy [Central Scientific Research Diesel Institute. Transactions]

Mashinostroenie [Machinery Manufacture]

Mashinostroitel' [Machine Builder]

Mekhanika; periodicheskii sbornik perevodov inostrannykh statei [Mechanics; Translations of Foreign Articles]
RPB

Mekhanizatsiia i avtomatizatsiia proizvodstva [Mechanization and Automation of Production]
DBC DS IU MH MdBJ MoKL NN NNIS

Metody ispytanii detalei i materialov mashin i priborov [Methods for Testing Parts and Materials of Machines and Instruments]

Moscow. Avtomobil'no-dorozhnyi institut. Trudy [Automobile and Highway Institute Transactions]
DC DS

Moscow. Eksperimental'nyi nauchno-issledovatel'skii institut kuznechno-pressovogo mashinostroeniia (Nauchnye trudy) [Experimental Scientific Research Institute for Press Forging in Machinery Manufacture. Studies]

Moscow. Energeticheskii institut. Trudy [Power Engineering Institute. Transactions]
MH

Moscow. Moskovskii institut inzhenerov zheleznodorozhnogo transporta Trudy [Moscow Institute of Engineers of Railroad Transportation. Transactions]
MCM MH MdBJ MiU NIC NN NNC NNE TxHR WaU

Moscow. Nauchno-issledovatel'skii institut avtomobil'nogo transporta. Sbornik annotatsii i referatov inostrannoi periodicheskoi literatury po voprosam avtomobil'nogo transporta [Scientific Research Institute of Automotive Transportation. Annotations and Abstracts of Foreign Periodical Literature on Problems of Automotive Transportation]

Moscow. Stankoinstrumental'nyi institut Kafedra "Oborudovanie i tekhnologiia kovki i shtampovki." Sbornik [Machine-tool Institute. Department of "Equipment and Technology of Forging and Stamping " Papers]

Moscow. Tekhnologicheskii institut legkoi promyshlennosti. Nauchnye trudy [Technological Institute of Light Industry Studies]

Moscow. TSentral'nyi nauchno-issledovatel'skii institut tekhnologii i mashinostroeniia. (Trudy) [Central Scientific Research Institute of Technology and Machine Building. (Transactions)]

Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut zheleznodorozhnogo transporta. Trudy [All-Union Scientific Research Institute of Railroad Transportation. Transactions]
DS MiU NN NNC

Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut zheleznodorozhnogo transporta Vestnik [All-Union Scientific Research Institute of Railroad Transportation. Journal]
CU CaOON GAT MH

Nauchno-tekhnicheskii sbornik po priborostroeniiu [Technical Papers on Instrument Manufacture]

Novaia tekhnologiia izgotovleniia instrumenta [New Technological Processes in the Manufacture of Metal-Cutting Tools]

Novosti tekhnicheskoi literatury. Seriia: "Miaso-molochnaia promyshlennost'" [News of Technological Literature. Series, "Meat and Dairy Industry"]

Priborostroenie [Instrument Manufacture]
DBS ICMILC MoKL NN NNC PPF

Prisposobleniia dlia tekhnicheskogo obsluzhivaniia i remonta avtomobilei [Accessories for Technical Servicing and Repair of Automobiles]

Problemy prochnosti v mashinostroenii [Problems of Strength of Materials in Machinery Manufacture]
CU RPB

Prykladna mekhanika [Applied Mechanics]
AzU CU CtY IEN IU InIA MH MdBJ MiU MnU MoKL NIC NNC OCoB OrU RPB

Raschety na prochnost'; teoreticheskie i eksperimental'nye issledovaniia prochnosti mashinostroitel'nykh konstruktsii. Sbornik statei [Strength Analysis, Theoretical and Experimental Investigations of Strength of Elements in Machine Design. Collected Papers]
CU MoKL

Referativnyi zhurnal: Avtomobil'nyi i gorodskoi transport [Journal of Abstracts. Automotive and City Transportation]

Referativnyi zhurnal: Mashinostroenie [Journal of Abstracts: Machine Building]
CU ICJ IEN InLP KU MCM MnU MoKL MoU NIC NN NNC NjMuB P RPB ViU

Referativnyi zhurnal. Otdel'nyi vypusk 31: Vzaimodeistvie raznykh vidov transporta i kontseinernye perevozki [Journal of Abstracts. Separate Issue 31 Container Shipments and the Interaction of Various Types of Transportation]

Referativnyi zhurnal. Otdel'nyi vypusk 33: Kommunal'noe, bytovoe i torgovoe oborudovanie [Journal of Abstracts. Separate Issue 33 Communal, Household, and Commercial Equipment]

Referativnyi zhurnal. Otdel'nyi vypusk 39: Pod"emno-transportirnye mashiny i sooruzheniia [Journal of Abstracts. Separate Issue 39: Hoisting and Conveying Machinery and Structures]

Referativnyi zhurnal. Otdel'nyi vypusk 40: Pribory tochnoi mekhaniki i ispytatel'nye ustanovki [Journal of Abstracts. Separate Issue 40. Precision Instruments and Testing Equipment]

Referativnyi zhurnal. Otdel'nyi vypusk 43: Stroitel'noe i dorozhnoe mashinostroenie. Gornye mashiny [Journal of Abstracts. Separate Issue 43. Manufacture of Construction Equipment and Road Machinery. Mining Machinery]

Referativnyi zhurnal. Otdel'nyi vypusk 44: Traktory i sel'skokhoziaistvennye mashiny [Journal of Abstracts: Separate Issue 44. Tractors and Agricultural Machinery]

Referativnyi zhurnal. Otdel'nyi vypusk 45: Truboprovodnyi transport [Journal of Abstracts. Separate Issue 45: Pipeline Transportation]

Referativnyi zhurnal: Otdel'nyi vypusk 46: Foto-kinoapparatura i opticheskie pribory [Journal of Abstracts. Separate Issue 46: Photographic and Motion-Picture Equipment and Optical Instruments]

Referativnyi zhurnal: Promyshlennyi transport [Journal of Abstracts, Industrial Transportation]

Referativnyi zhurnal: Zheleznodorozhnyi transport [Journal of Abstracts, Railroad Transportation]

Rostov-on-Don. Institut inzhenerov zheleznodorozhnogo transporta. Trudy [Institute of Engineers of Railroad Transportation Transactions]
MH NIC WaU

Russia (1923- U.S.S.R.) Ministerstvo putei soobshcheniia. Nauchno-tekhnicheskii sovet. Biulleten' tekhniko-ekonomicheskoi informatsii [Ministry of Railroad Transportation. Scientific and Technical Council. Bulletin of Technical and Economic Information]

Russia (1923- U.S.S.R.) Ministerstvo putei soobshcheniia. TSentral'naia nauchno-tekhnicheskaia biblioteka. Literatura po zheleznodorozhnomu transportu [Ministry of Railroad Transportation Central Technological Library. Literature on Railroad Transportation]

Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii; mashinostroenie [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning, Machine Building]
CaOON ICMILC MCM MoKL OCoB

Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii, priborostroenie [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning, Instrument Manufacture]
CaOON MCM MoKL NIC OCoB

Stanki i instrument [Machine Tools and Their Cutting Tools]
CLU CtY DS IU MdBJ MoKL NN NNE NNIS OCoB PPF

Stroitel'nye i dorozhnye mashiny [Road and Construction Machinery]
NN NbD

Teploenergetika [Heat Engineering]
CU CaOON DeU ICMILC MdBJ MoKL MoSW NIC NN NNC PPF

Traktory i sel'khozmashiny [Tractors and Agricultural Machinery]
DNAL MoKL

Trenie i iznos v mashinakh [Friction and Wear in Machines]
CU MH NIC NN NNC RPB

Vestnik mashinostroeniia [Machine-Building Review]
CLU CSt-H CStmoH CU Dt-GS DNAL DS IU MCM MH MdBJ MoKL NN NNC NNE NNIS OCl RPB

Voprosy prikladnoi giroskopii [Problems of Applied Gyroscopy]

Vsesoiuznyi nauchno-issledovatel'skii institut kislorodnogo mashinostroeniia. Trudy [All-Union Scientific Research Institute of Industrial Oxygen Apparatus Construction Transactions]

Za bezopasnost' dvizheniia [For Traffic Safety]

Za rulem [At the Wheel]
NN

Zheleznodorozhnyi transport [Railroad Transportation]
DLC MdBJ NN NNIS WaU

h) Mining & metallurgy

Administrativno-bytovye kombinaty ugol'nykh shakht [Administrative and Public Service Combines of Coal Mines]

Akademiia nauk Gruzinskoi SSR, Tiflis. Institut metallurgii. Trudy [Academy of Sciences of the Georgian S.S.R. Institute of Metallurgy. Transactions]
ICJ

Akademiia nauk Kazakhskoi SSR, Alma-Ata. Izvestiia. Seriia gornogo dela [Academy of Sciences of the Kazakh S.S.R. Bulletin. Series in Mining]
CU KyU MH MoKL NN

Akademiia nauk Kazakhskoi SSR, Alma-Ata. Izvestiia. Seriia metallurgii, obogashcheniia i ogneuporov [Academy of Sciences of the Kazakh S.S.R. Bulletin. Series in Metallurgy, Concentration, and Refractories]
KyU MoKL NN

Akademiia nauk Kazakhskoi SSR, Alma-Ata. Altaiskii gorno-metallurgicheskii nauchno-issledovatel'skii institut. Trudy [Academy of Sciences of the Kazakh S.S.R. Altai Scientific Research Institute of Mining and Metallurgy. Transactions]
CU FMU WaU

Akademiia nauk Kazakhskoi SSR, Alma-Ata. Institut gornogo dela. Trudy [Academy of Sciences of the Kazakh S.S.R. Institute of Mining. Transactions]
CU DI IU NIC WaU

Akademiia nauk Kazakhskoi SSR, Alma-Ata. Institut metallurgii i obogashcheniia. Trudy [Academy of Sciences of the Kazakh S.S.R. Institute of Metallurgy and Ore Dressing. Transactions]
OCoB

Akademiia nauk SSSR. Izvestiia. Otdelenie tekhnicheskikh nauk. Metallurgiia i toplivo [Academy of Sciences of the U.S.S.R. Bulletin. Department of Technological Sciences. Metallurgy and Fuel]
CSt CU CaOON CtHT FU ICJ IEN IU IaAS InLP LU MCM MH MH-GM MiU MoKL NIC NNC NNU NjP PU RPB RU TxHR

Akademiia nauk SSSR. Institut gorючikh iskopaemykh Trudy [Academy of Sciences of the U.S.S.R. Institute of Mineral Fuels. Transactions]
CU CaOOF DI ICMILC MH NIC

Akademiia nauk SSSR. Institut gornogo dela. Nauchnye soobshcheniia [Academy of Sciences of the U.S.S.R. Institute of Mining. Scientific Reports]

Akademiia nauk SSSR. Institut metallurgii. Trudy [Academy of Sciences of the U.S.S.R. Institute of Metallurgy. Transactions]
CU NIC OCoB PPF

Akademiia nauk SSSR. Sibirskoe otdelenie. Institut gornogo dela. Trudy [Academy of Sciences of the U.S.S.R. Siberian Branch. Institute of Mining. Transactions]

Akademiia nauk SSSR. Sibirskoe otdelenie. Khimiko-metallurgicheskii institut. Trudy [Academy of Sciences of the U.S.S.R. Siberian Department. Chemico-metallurgical Institute. Transactions]

Akademiia nauk URSR, Kiev. Instytut chornoi metalurgii. Trudy [Academy of Sciences of the Ukrainian S.S.R. Institute of Ferrous Metallurgy. Transactions]
WaU

Akademiia nauk URSR, Kiev. Instytut geologichnykh nauk. Trudy. Seriia geologii mestorozhdenii poleznykh iskopaemykh [Academy of Sciences of the Ukrainian S.S.R. Institute of Geological Sciences. Transactions. Series in the Geology of Mineral Deposits]

Akademiia nauk URSR, Kiev. Instytut geologichnykh nauk. Trudy. Seriia geologii rodovyshch korysnykh kopalyn [Academy of Sciences of the Ukrainian S.S.R

Institute of Geological Sciences Transactions Series in the Geology of Mineral Deposits]
NN PPAN

Akademiia nauk URSR, Kiev. Instytut tsvetnykh splavy Sbornik trudov [Academy of Sciences of the Ukrainian S.S.R. Institute of Mining. Collected Works]
CLU CU NN NNE WaU

Akademiia nauk URSR, Kiev Instytut lyvarnoho vyrobnytstva. Nauchnye trudy [Academy of Sciences of the Ukrainian S.S.R. Institute of Foundry Practice Studies]
NNC

Akademiia nauk URSR, Kiev. Instytut lyvarnoho vyrobnytstva. Naukovi pratsi [Academy of Sciences of the Ukrainian S.S.R. Institute of Foundry Practice Studies]
NNC

Akademiia nauk URSR, Kiev. Instytut lyvarnoho vyrobnytstva Struktura i vlastivosti litykh splavov [Academy of Sciences of the Ukrainian S.S.R. Institute of Foundry Practice. Structure and Properties of Cast Alloys]

Akademiia nauk URSR, Kiev. Instytut metalofizyky. Sbornik nauchnykh rabot [Academy of Sciences of the Ukrainian S.S.R. Institute of the Physics of Metals Collected Scientific Papers]
NjMuB TONS WaU

Akademiia nauk URSR, Kiev. Instytut metalokeramiky i spetsial'nykh splaviv. Biulleten' [Academy of Sciences of the Ukrainian S.S.R. Institute of Ceramic Metals and Special Alloys Bulletin]

Akademiia nauk URSR, Kiev. Instytut mineral'nykh resursiv. Trudy [Academy of Sciences of the Ukrainian S.S.R. Institute of Mineral Resources Transactions]
CU

Alma-Ata. Kazakhskii gorno-metallurgicheskii institut Sbornik nauchnykh trudov [Kazakh Institute of Mining and Metallurgy. Collection of Scientific Papers]

Azerbaidzhanskoe neftianoe khoziaistvo [Azerbaijan Petroleum Industry]
CLU CSt-H CU DBC DI-GS
DM DS IU NN NNC
NNE OC1

Baku. Vsesoiuznyi nauchno-issledovatel'skii institut po tekhnike bezopasnosti v neftianoi promyshlennosti. Trudy [All-Union Scientific Research Institute of Safety Engineering in the Petroleum Industry. Transactions]

Dnepropetrovsk. Metallurgicheskii institut. Nauchnye trudy [Metallurgical Institute. Studies]

Donetsk. Nauchno-issledovatel'skii ugol'nyi institut. Sbornik [Scientific Research Coal Institute. Papers]

Fizika metallov i metallovedenie [The Physics of Metals and Physical Metallurgy]
CaOON ICJ IU InLP MCM
MH MnU MoKL NIC NNC
NNE NNIS PSt RPB

Geofizicheskaia razvedka [Geophysical Prospecting]
CU

Geologiia nefti i gaza [The Geology of Petroleum and Gas]
CU ICJ MoKL NNC NNE
OCoB PSt

Geologiia rudnykh mestorozhdenii [Geology of Ore Deposits]
CLU CSt ICJ MCM MoKL
NIC NbD OCoB

Gornyi zhurnal [Mining Journal]
CLU CSt-H CU CaOTU DI
DI-GS ICU IU InU MH
MoKL NN NNC NNE NNIS
OCoB PBL PPF PSt RPB

Groznyi. Groznenskii neftianoi nauchno-issledovatel'skii institut. Trudy [Petroleum Scientific Research Institute. Transactions]
IU TxU

Issledovanie splavov tsvetnykh metallov [Studies on Alloys of Nonferrous Metals]
NIC

Kharkov. Ukrainskyi naukovo-doslidnyi instytut vohnetryviv. Sbornik nauchnykh trudov [Ukrainian Scientific Research Institute of Refractories. Papers]

Kiev. Gosudarstvennyi nauchno-issledovatel'skii i proektnyi institut ugol'not, rudnot, neftianot i gazovot promyshlennosti "Ukrniproekt" Nauchnye zapiski [State Scientific Research and Planning Institute for the Coal, Ore Extraction, Petroleum, and Gas Industries "Ukrniproekt." Studies]

Leningrad. Gornyi institut. Zapiski [Institute of Mining. Records]
CSfA CU CtY DI-GS DSI
ICF IU IaU MBN MCM
MdBJ MnU NN NNC NNE
PPAmP RPB WaU

Leningrad. Vsesoiuznyi nauchno-issledovatel'skii i proektnyi institut mekhanicheskoi obrabotki poleznykh iskopaemykh. Trudy [All-Union Scientific Research and Planning Institute for the Mechanical Processing of Minerals. Transactions]
DI MCM NN NNE

Liteinoe proizvodstvo [Foundary Practice]
CU DS FU GAT IU
MdBJ NN NNIS OU

Makeyevka. Nauchno-issledovatel'skii institut po bezopasnosti rabot v gornoi promyshlennosti. Trudy [Scientific Research Institute for Mine Safety. Transactions]
NN

Metallovedenie i termicheskaia obrabotka metallov [Metals and Heat Treatment of Metals]
CU CaOON ICJ InLP MH
MoKL NIC NNC NNL NNIS

Metallurg [Metallurgist]
CU DS ICJ InLP MH
MoKL NIC NN NjMuB OCoB

Metallurgicheskaia i gornorudnaia promyshlennost' [Metallurgical, Mining, and Ore Dressing Industries]

Metallurgiia i metallovedenie chistykh metallov [Process Metallurgy and Physical Metallurgy of Pure Metals]

Moscow. Gornyi institut. Nauchnye trudy [Mining Institute. Studies]
NNE

Moscow. Gosudarstvennyi institut tsvetnykh metallov Sbornik nauchnykh trudov [State Institute of Nonferrous Metals. Papers]
MiU NN

Moscow. Gosudarstvennyi nauchno-issledovatel'skii i proektnyi institut neftianogo mashinostroeniia Trudy Neftepromyslovoe delo [State Scientific Research and Design Institute of Petroleum Machinery Manufacture. Transactions Petroleum Production]

Moscow. Gosudarstvennyi nauchno-issledovatel'skii i proektnyi institut po obrabotke tsvetnykh metallov. Trudy [State Scientific Research and Planning Institute for the Processing of Nonferrous Metals. Transactions]

Moscow. Institut neftekhimicheskoi i gazovoi promyshlennosti. Trudy [Institute of the Petrochemical and Gas Industry. Transactions]
CLU CU NNC WaU

Moscow. TSentral'nyi institut informatsii chernoi metallurgii. Biulleten' [Central Institute for Information on Ferrous Metallurgy Bulletin]

Moscow, TSentral'nyi nauchno-issledovatel'skii institut chernoi metallurgii. Sbornik trudov [Central Scientific Research Institute of Ferrous Metallurgy. Collected Papers]

Moscow. Vsesoiuznyi nauchno-issledovatel'skii geologo-razvedochnyi neftianoi institut Trudy [All-Union Scientific Research Institute of Petroleum Geology and Prospecting. Transactions]
IEN IU IaU InU LU
MiDW TxU WaU

Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut avtogennoi obrabotki metallov. Trudy [All-Union Scientific Research Institute of Autogenous Working of Metals. Transactions]

Moscow, Vsesoiuznyi nauchno-issledovatel'skii institut mineral'nogo syr'ia Otdel nauchno-tekhnicheskoi informatsii. Biulleten' nauchno-tekhnicheskoi informatsii [All-Union Scientific Research Institute for Mineral Resources. Department of Scientific and Technical Information, Bulletin of Scientific and Technical Information]

Moscow, Vsesoiuznyi nauchno-issledovatel'skii institut podzemnoi gazifikatsii uglei. Nauchnye trudy [All-Union Scientific Research Institute of Underground Coal Gasification. Studies]

Nauchno-issledovatel'skii institut metallurgii. (Sbornik trudov) [Scientific Research Institute of Metallurgy. (Papers)]

Neftianaia i gazovaia promyshlennost' [Petroleum and Gas Industry]

Neftianik [The Petroleum Worker]
CLU CU ICJ ICMILC PPF

Neftianoe khoziaistvo [The Petroleum Industry]
CLU CSt-H CU CaOON CoU
DBC DI-GS DS IU IaU
InU MH MdBJ MoKL NN
NNC NNE PPF PSt TxU
WaU

Novosti neftianoi tekhniki: Neftepererabotka [Petroleum Engineering News: Petroleum Refining]

Novosti neftianoi tekhniki: Neftepromyslovoe delo [Petroleum Engineering News: Petroleum Production]

Obogashchenie i briketirovanie uglei [Coal Preparation and Briquetting]

Obogashchenie rud [Ore Dressing]
MCM

Ogneupory [Refractories]
CLU CU CaOON DAL ICJ
MH NN NNIS PPI PSt

Otsenka mestorozhdenii pri poiskakh i razvedkakh [Evaluation of Deposits in Prospecting and Exploration]

Poroshkovaia metallurgiia [Powder Metallurgy]
NN TONS

Prikladnaia geofizika [Applied Geophysics]
CLSU CU DI-GS IEN MCM
MiU NN OU RPB TxU
WaU

Problemy metallovedeniia i fiziki metallov [Problems of Physical Metallurgy and the Physics of Metals]
CU MoKL NN WaU

Razvedka i okhrana nedr [Prospecting and Conservation of Mineral Resources]
CLU CU CaOOG NN NNC
NNE NNIS

Razvedochnaia i promyslovaia geofizika [Prospecting and Industrial Geophysics]
MCM NN

Referativnyi zhurnal: Gornoe delo [Journal of Abstracts Mining]

Referativnyi zhurnal Metallurgiia [Journal of Abstracts Metallurgy]
CU CoBBS DBC DBS ICJ
IEN InLP KU MCM MnU
MoKL MoU NIC NN NNC
NjMuA OCoB P PSt RPB

Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii, chernaia metallurgiia [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning, Ferrous Metallurgy]
CU CaOON FU ICJ ICJ
InLP NIC NN NNE OCoB

Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii, geologiia i razvedka [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Geology and Prospecting]
CLU CU CaOON IaU MCM
NIC NNC OCoB OkU

Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii; gornyi zhurnal [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning, Mining Journal]
ICMILC NIC OCoB

Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii, neft' i gaz [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning, Petroleum and Gas]
CU CaOON ICMILC MoKL NIC
NNC OCoB

Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii, tsvetnaia metallurgiia [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning, Nonferrous Metallurgy]
CU CaOON FU ICJ InLP
NIC OCoB

Russia (1923- U.S.S.R.) Soiuznaia geologopoiskovaia kontora Trudy [All-Union Geological Prospecting Office. Transactions]

Seminar po gornoi teplotekhnike. Trudy [Seminar on Mining Heat Balance Engineering. Transactions]

Shakhtnoe stroitel'stvo [Mine Construction]
DC

Sovetskii shakhter [Soviet Miner]
MdBJ NN NNC NNIS

Stal' [Steel]
CtY DBC MoKL NN NNC
NNIS PPiCI

Stroitel'stvo truboprovodov [Pipeline Construction]
CU ICMILC NIC OCoB

Sverdlovsk. Nauchno-issledovatel'skii i proektnyi institut obogashchenila i mekhanicheskoi obrabotki poleznykh iskopaemykh "Uralmekhanobr." Trudy [Scientific Research and Planning Institute for the Concentration and Mechanical Processing of Minerals. Transactions]

Sverdlovsk. Ural'skii nauchno-issledovatel'skii khimicheskii institut. Trudy [Ural Chemical Research Institute Transactions]

Titan i ego splavy [Titanium and its Alloys]
CU DI NIC OCoB

Torfianaia promyshlennost' [Peat Industry]
CU CaOON DNAL IEN MH
MdBJ MnU MoKL NN OCoB
WaU

TSvetnye metally [Nonferrous Metals]
CU CaOON GAT IEN NIC
NN NNE OCoB

Ugol' [Coal]
CtY DS MCM MdBJ MoKL
NN NNC NNE NNIS OCoB
PSt WaU

Ugol' Ukrainy [Coal of the Ukraine]
ICJ

Ugol'naia promyshlennost' [Coal Industry]

Vliianie rabochikh sred na svoistva stali [Effect of Working Media on the Properties of Steel]

Voprosy dinamicheskoi teorii rasprostraneniia seismicheskikh voln [Problems of the Dynamic Theory of the Propagation of Seismic Waves]
CU

Voprosy rudnichnogo transporta [Problems of Mine Haulage]

Voprosy rudnoi geofiziki [Problems of Geophysical Ore Prospecting]

Vsesoiuznyi nauchno-issledovatel'skii institut burovoi tekhniki Trudy [All-Union Scientific Research Institute of Drilling Techniques Transactions]

Vsesoiuznyi nauchno-issledovatel'skii institut metodiki i tekhniki razvedki Trudy [All-Union Scientific Research Institute of Prospecting Methods and Equipment Transactions]
CU

Vsesoiuznyi nauchno-issledovatel'skii institut tverdykh splavov Sbornik trudov [All-Union Scientific Research Institute of Hard Alloys Papers]

Vsesoiuznyi neftegazovyi nauchno-issledovatel'skii institut. Nauchno-tekhnicheskii sbornik po dobyche nefti [All-Union Scientific Research Institute of Petroleum and Natural Gas Scientific and Technical Papers on Petroleum Production]

Vsesoiuznyi neftegazovyi nauchno-issledovatel'skii institut Trudy [All-Union Scientific Research Institute of Petroleum and Natural Gas Transactions]
KU IU NN NNC WaU

Vsesoiuznyi neftegazovyi nauchno-issledovatel'skii institut Krasnodarskii filial. Trudy [All-Union Scientific Research Institute of Petroleum and Natural Gas Krasnodar Branch Transactions]
CU NNC

Vzryvnoe delo [Blasting]
NN

Vzryvnye raboty [Blasting]

Zavodskaia laboratoriia [The Factory Laboratory]
CLU CU DNAL LU MH
MoKL NN NNIS NcD OCoB
PPF TxU

17 MILITARY & NAVAL SCIENCES

a) Military science

Bratstvo kolyshnikh voiakiv Pershoi Ukrains'koi Dyvizii Ukrains'koi Narodnoi Armii Visti [Brotherhood of Former Soldiers of the First Ukrainian Division of the Ukrainian National Army News]

[illegible] de cigni, Leningrad. Doklady dlia [illegible] istoricheskoi sektsii [House of Scholars Reports of the Military History Section]

Kommunist Vooruzhennykh Sil [Communist of the Armed Forces]
DS

Nasha pereklichka [Our Roll Call]

Nashi vesti [Our News]
NN

Rodimyi kraj [Native Land]
NN

Sovetskii voin [Soviet Soldier]
CSt-H MH NN

Starshina—serzhant [Noncommissioned Officers]

Tankist [Tankman]

Tyl i snabzhenie Sovetskikh Vooruzhennykh Sil [The Rear and Supply of Soviet Armed Forces]

Vestnik pervopokhodnika [Herald of the First Campaign Veterans]

Vestnik protivovozdushnoi oborony [Air Defense Review]
CU DS MH-L NN

Vestnik Vozdushnogo Flota [Review of the Air Force]
CStmoR DS NN NNIS

Visti kombatanta [Veterans' News]

Voennye znaniia [Military Knowledge]
CStmoR MH NN NNIS WaU

Voennyi vestnik [Military Review]
CSt-H CU DS ILN MH
NN NNC

b) Naval science

Association of Russian Imperial Naval Officers in America, New York. [Bulletin] Obshchestvo Ofitserov Russkogo Imperatorskogo Flota v Amerike. Biulleten'
DS NN

[Institute of Water Transportation Engineers. Transactions]
MdU

Leningrad. Institut vodnogo transporta Trudy [Institute of Water Transportation Transactions]

Leningrad. Korablestroitel'nyi institut Trudy [Shipbuilding Institute Transactions]

Leningrad. Tsentral'nyi nauchno-issledovatel'skii institut morskogo flota Informatsionnyi sbornik [Central Scientific Research Institute of the Merchant Marine Information Bulletin]

Leningrad. Tsentral'nyi nauchno-issledovatel'skii institut morskogo flota. Trudy [Central Scientific Research Institute of the Merchant Marine Transactions]
MH

Morskiia zapiski [The Naval Records]

Morskoi flot [The Merchant Marine]
CSt-H CStmoR DS InU MCM
MH MdBJ NIC NN NNC

Referativnyi zhurnal' Vodnyi transport [Journal of Abstracts: Water Transportation]

Russia (1923- U.S.S.R.) Ministerstvo morskogo flota, Tekhnicheskoe upravlenie. Biulleten' tekhniko-ekonomicheskoi informatsii [Ministry of the Merchant Marine, Technical Administration Bulletin of Technical and Economic Information]

Russia (1923- U.S.S.R.) Upravlenie Glavnogo revizora po bezopasnosti moreplavaniia Biulleten' [Administration of the Chief Inspector for Navigation Safety. Bulletin]

Sudostroenie [Shipbuilding]
NN NNU

Sudovye silovye ustanovki [Marine Power Plants]

Rechnoi transport [Inland Water Transportation]
CtY DBC DS InU MH
NN NNC NNIS NNUN WaU

PART C

List of Periodicals Indexed and Abbreviations Used

† Titles listed for the first time

Agitator (6)	Agitator [Agitator]
Annot. ukaz. lit. po radioelek. (16e)	Annotirovannyi ukazatel' literatury po radioelektronike [Annotated Bibliography on Electronics]
Antibiotiki (14f)	Antibiotiki [Antibiotics]
Arkhit. SSSR (10b)	Arkhitektura SSSR [Architecture of the U.S.S.R.]
Atom. energ. (16c)	Atomnaia energiia [Atomic Energy]
Atom. tekh. za rub. (16c)	Atomnaia tekhnika za rubezhom [Nuclear Engineering Abroad]
Avt. dor. (16d)	Avtomobil'nye dorogi [Highways]
Avt. transp. (16g)	Avtomobil'nyi transport [Automotive Transportation]
Avtom. i telem. (16e)	Avtomatika i telemekhanika [Automatic and Remote Control]
Az. i Afr. segodnia (1b)	Azilia i Afrika segodnia [Asia and Africa Today]
Belarus' (1b)	Belarus' [White Russia]
Bet. i zhel.-bet. (16d)	Beton i zhelezobeton [Concrete and Reinforced Concrete]
Bezop. truda v prom. (16a)	Bezopasnost' truda v promyshlennosti [Industrial Safety]
Bibliotekar' (2b)	Bibliotekar' [The Librarian]
Bibliotekoved. i bibl. (2b)	Bibliotekovedenie i bibliografiia; ukazatel' literatury [Library Science and Bibliography; an Index to the Literature]
Biol. v shkole (13c)	Biologiia v shkole [Biology in Schools]
Biul. eksp. biol. i med. (14a)	Biulleten' eksperimental'noi biologii i meditsiny [Bulletin of Experimental Biology and Medicine]
Biul. Gos. kom. po vop. truda i zar. platy (7)	Russia (1923– U.S.S.R.) Gosudarstvennyi komitet po voprosam truda i zarabotnoi platy. Biulleten' [State Committee on Problems of Labor and Wages. Bulletin]
Biul. Ispol. kom. Mosk. gor. sov. (6)	Moscow. Ispolnitel'nyi komitet. Biulleten' [Executive Committee. Bulletin]
Biul. izobr. (16a)	Biulleten' izobretenii [Bulletin on Inventions]
Biul. MOIP. Otd. geol. (12c)	Moskovskoe obshchestvo ispytatelei prirody. Biulleten'. Otdel geologicheskii [Moscow Naturalists' Society. Bulletin. Geological Section]
Biul. Min. vys. i sred. spets. obr. SSSR (8a)	Russia (1923– U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Biulleten' [Ministry of Higher and Secondary Specialized Education. Bulletin]
Biul. nauch. inform.: trud i zar. plata (5d)	Biulleten' nauchnoi informatsii: trud i zarabotnaia plata [Bulletin of Scientific Information: Labor and Wages]
Biul. seism. sta. "Apatity" (12c)	Apatity. Seismicheskaia stantsiia. Biulleten' [Seismic Station. Bulletin]
Biul. sta. opt. nabl. isk. sput. Zem. (13b)	Akademiia nauk SSSR. Astronomicheskii sovet. Biulleten' stantsii opticheskogo nabliudeniia iskusstvennykh sputnikov Zemli [Academy of Sciences of the U.S.S.R. Astronomical Council. Bulletin of the Stations for Optical Observation of Artificial Earth Satellites]
Biul. Verkh. Suda RSFSR (7)	Russia (1917– R.S.F.S.R.) Verkhovnyi Sud. Biulleten' [Supreme Court. Bulletin]
Bot. zhur. (13c)	Botanicheskii zhurnal [Botanical Journal]
Brat. vest. (3b)	Bratskii vestnik [Herald of Brotherhood]
Bud. mat. i konstr. (16d)	Budivel'ni materialy i konstruktsii [Building Materials and Construction Elements]
Bukhg. uchet (5a)	Bukhgalterskii uchet [Accounting]
Bum. prom. (16f)	Bumazhnaia promyshlennost' [Paper Industry]
Den. i kred. (5c)	Den'gi i kredit [Money and Credit]
Der. prom. (16f)	Derevoobrabatyvaiushchaia promyshlennost' [Woodworking Industry]
Dokl. AN SSSR (13a)	Akademiia nauk SSSR. Doklady [Academy of Sciences of the U.S.S.R. Reports]
Dokl. APN (8a)	Akademiia pedagogicheskikh nauk RSFSR, Moscow. Doklady [Academy of Pedagogical Sciences of the R.S.F.S.R. Reports]
Doshk. vosp. (8a)	Doshkol'noe vospitanie [Preschool Education]
Ekon. sel'khoz. (5b)	Ekonomika sel'skogo khoziaistva [Economics of Agriculture]
Ekon. stroi. (5b)	Ekonomika stroitel'stva [Economics of Construction]
Elek. sta. (16e)	Elektricheskie stantsii [Electric Power Stations]
Elektrichestvo (16e)	Elektrichestvo [Electricity]
Energetik (16e)	Energetik [Electric Power Technician]
Energokhoz. za rub. (16e)	Energokhoziaistvo za rubezhom; prilozhenie k zhurnalu "Elektricheskie stantsii" [Electric Power Production and Utilization in Foreign Countries, supplement to the periodical "Electric Power Stations"]
Fin. SSSR (5c)	Finansy SSSR [Finance of the U.S.S.R.]
Fiz. met. i metalloved. (16h)	Fizika metallov i metallovedenie [The Physics of Metals and Physical Metallurgy]
Fiz. tver. tela (13f)	Fizika tverdogo tela [Solid State Physics]
Fiz. v shkole (13f)	Fizika v shkole [Physics in Schools]
Fiziol. rast. (13c)	Fiziologiia rastenii [Physiology of Plants]
Geod. i kart. (13b)	Geodeziia i kartografiia [Geodesy and Cartography]
Geofiz. razved. (16h)	Geofizicheskaia razvedka [Geophysical Prospecting]
Geog. sbor. (12b)	Geograficheskoe obshchestvo SSSR. Geograficheskii sbornik [Geographic Society of the U.S.S.R. Geographical Papers]
Geog. v shkole (12b)	Geografiia v shkole [Geography in Schools]
Geol. i geofiz. (12c)	Geologiia i geofizika [Geology and Geophysics]
Geol. nefti i gaza (16h)	Geologiia nefti i gaza [The Geology of Petroleum and Gas]
Geol. rud. mestorozh. (16h)	Geologiia rudnykh mestorozhdenii [Geology of Ore Deposits]
Geol. zhur. (12c)	Geologichnyi zhurnal [Geological Journal]
Gidr. i mel. (15a)	Gidrotekhnika i melioratsiia [Hydraulic Engineering and Reclamation]
Gidr. stroi. (16d)	Gidrotekhnicheskoe stroitel'stvo [Hydrotechnical Construction]
Gidroliz. i lesokhim. prom. (16c)	Gidrolioznaia i lesokhimicheskaia promyshlennost' [Hydrolysis and Wood Chemistry Industry]
Gig. truda i prof. zab (14g)	Gigiena truda i professional'nye zabolevaniia [Labor Hygiene and Occupational Diseases]
Gor. khoz. Mosk. (16d)	Gorodskoe khoziaistvo Moskvy [Municipal Economy of Moscow]
Inform. biul. nov. inostr. knig. postup. v Bibl. im. V.I. Len. Ser. 1 (2a)	Moscow. Publichnai biulleten' no v Biblioteku tematicheskii skie nauki; t Library. Inf Received by Mathematica Sciences; Te
Inform. biul. nov. inostr. knig, postup. v Bibl. im. V.I. Len. Ser. 2 (2a)	Moscow. Publ biulleten' no Biblioteku i meditsinskii Library. In Received by Medical, an
Inform. biul. nov. inostr. knig, postup. v Bibl. im. V.I. Len. Ser. 3 (2a)	Moscow. Publ novykh inost imeni V.I.L khudozhestv Information by the Lenin Lettres, Ar

Inform. ukaz bibl. spis. i kart (2a)	Informatsionnyi ukazatel' bibliograficheskikh spiskov i kartotek, sostavlennykh bibliotekami Sovetskogo Soiuza [Information Index of Bibliographical Lists and Card Files. Compiled by the Libraries of the Soviet Union]
Inform. ukaz stand (16a)	Informatsionnyi ukazatel' standartov [Information Index of Standards]
Inzh.-fiz. zhur (16a)	Inzhenerno-fizicheskii zhurnal [Journal of Engineering Physics]
Isk kino (9a)	Iskusstvo kino [Cinema Art]
Iskusstvo (10a)	Iskusstvo [Art]
Issl. dal'nevost. mor. SSSR (13c)	Akademiia nauk SSSR. Zoologicheskii institut. Issledovaniia dal'nevostochnykh morei SSSR [Academy of Sciences of the U.S.S.R. Zoological Institute. Investigations of the Far Eastern Seas of the U.S.S.R.]
IUn tekh. (16a)	IUnyi tekhnik [Young Technician]
Izm. tekh. (16a)	Izmeritel'naia tekhnika [Measurement Techniques]
Izobr. i rats. (16a)	Izobretatel' i ratsionalizator [Inventor and Efficiency Promoter]
Izv. AN Arm. SSR. Biol. nauki (13c)	Akademiia nauk Armianskoi SSR, Erivan. Izvestiia. Biologicheskie nauki [Academy of Sciences of the Armenian S.S.R. Bulletin. Biological Sciences]
Izv. AN Arm. SSR. Obshchestv. nauki (1a)	Akademiia nauk Armianskoi SSR, Erivan. Izvestiia Obshchestvennye nauki [Academy of Sciences of the Armenian S.S.R. Bulletin. Social Sciences]
Izv. AN Arm. SSR Ser. tekh. nauk (10a)	Akademiia nauk Armianskoi SSR, Erivan. Izvestiia. Seriia tekhnicheskikh nauk [Academy of Sciences of the Armenian S.S.R. Bulletin. Series in the Technological Sciences]
Izv. AN Azerb. SSR. Ser. biol. i med. nauk (13c)	Akademiia nauk Azerbaidzhanskoi SSR, Baku. Izvestiia. Seriia biologicheskikh i meditsinskikh nauk [Academy of Sciences of the Azerbaijan S.S.R. Bulletin. Series in the Biological and Medical Sciences]
Izv. AN Azerb. SSR. Ser. geol.-geog. nauk i nefti (12c)	Akademiia nauk Azerbaidzhanskoi SSR, Baku. Izvestiia. Seriia geologo-geograficheskikh nauk i nefti [Academy of Sciences of the Azerbaijan S.S.R. Bulletin. Series in the Geological and Geographical Sciences and Petroleum]
Izv. AN Azerb. SSR. Ser. obshchestv. nauk (1a)	Akademiia nauk Azerbaidzhanskoi SSR, Baku. Izvestiia. Seriia obshchestvennykh nauk [Academy of Sciences of the Azerbaijan S.S.R. Bulletin. Series in the Social Sciences]
Izv. AN Kazakh. SSR Ser. bot. i pochv. (13c)	Akademiia nauk Kazakhskoi SSR, Alma-Ata. Izvestiia. Seriia botaniki i pochvovedeniia [Academy of Sciences of the Kazakh S.S.R. Bulletin. Series in Botany and Soil Science]
Izv. AN Kazakh. SSR. Ser. geol. (12c)	Akademiia nauk Kazakhskoi SSR, Alma-Ata. Izvestiia. Seriia geologicheskaia [Academy of Sciences of the Kazakh S.S.R. Bulletin. Geological Series]
Izv. AN Latv. SSR (1a)	Latvijas Padomju Socialistiskas Republikas Zinatnu akademija. Vestis. Izvestiia Akademii nauk Latvijskoi SSR [Academy of Sciences of the Latvian S.S.R. Bulletin]
Izv. AN Mold. SSR (1a)	Akademiia nauk Moldavskoi SSR. Izvestiia [Academy of Sciences of the Moldavian S.S.R. Bulletin]
Izv. AN SSSR. Otd. khim. nauk (13d)	Akademiia nauk SSSR. Izvestiia. Otdelenie khimicheskikh nauk [Academy of Sciences of the U.S.S.R. Bulletin. Department of Chemical Sciences]
Izv. AN SSSR. Otd. tekh. nauk. Mekh. i mashinostr. (16g)	Akademiia nauk SSSR. Izvestiia. Otdelenie tekhnicheskikh nauk. Mekhanika i mashinostroenie [Academy of Sciences of the U.S.S.R. Bulletin. Department of Technological Sciences. Mechanics and Machine Building]
Izv. AN SSSR. Ser. fiz. (13f)	Akademiia nauk SSSR. Izvestiia. Seriia fizicheskaia [Academy of Sciences of the U.S.S.R. Bulletin. Physical Series]
Izv. AN SSSR. Ser. geog. (12b)	Akademiia nauk SSSR. Izvestiia. Seriia geograficheskaia [Academy of Sciences of the U.S.S.R. Bulletin. Geographical Series]
Izv. AN SSSR. Ser. geol. (12c)	Akademiia nauk SSSR. Izvestiia. Seriia geologicheskaia [illegible] ciences of the U.S.S.R. Bulletin.
	estiia. Seriia matematicheskaia f the U.S.S.R. Bulletin. Mathe-
	...pedagogicheskikh nauk RSFSR, Moscow. Izvestiia [Academy of Pedagogical Sciences of the R.S.F.S.R. Bulletin]
Izv. Glav. upr. sel'khoz. nauk i podgot. kad. Arm. SSR (15a)	Armenian S.S.R. Glavnoe upravlenie sel'skokhoziaistvennykh nauk i podgotovki kadrov. Izvestiia. Sel'skokhoziaistvennye nauki [Main Administration of Agricultural Sciences and Staff Training. Bulletin. Agricultural Sciences]
Izv. Kazan. fil. AN SSSR. Ser. geol. nauk (12c)	Akademiia nauk SSSR. Kazanskii filial. Izvestiia. Seriia geologicheskikh nauk [Academy of Sciences of the U.S.S.R. Kazan Branch. Bulletin. Series in the Geological Sciences]
Izv. Komi fil. Geog. ob-va SSSR (12b)	Geograficheskoe obshchestvo SSSR. Komi filial. Izvestiia [Geographical Society of the U.S.S.R. Komi Branch. Bulletin]
Izv. NIIPT (16e)	Nauchno-issledovatel'skii institut postoiannogo toka. Izvestiia [Direct Current Scientific Research Institute. Bulletin]
Izv. Sev.-Oset. nauch.-issl. inst. (1a)	Severo-Osetinskii nauchno-issledovatel'skii institut. Izvestiia [North Ossetian Scientific Research Institute. Bulletin]
Izv. TSKHA (15a)	Moscow. Moskovskaia sel'skokhoziaistvennaia akademiia im. Timiriazeva. Izvestiia [Timiriazev Agricultural Academy of Moscow. Bulletin]
Izv. vys. ucheb. zav.; chern. met. (16h)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii; chernaia metallurgiia [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning, Ferrous Metallurgy]
Izv. vys. ucheb. zav.; energ. (16c)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii; energetika [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Power Engineering]
Izv. vys. ucheb. zav.; fiz. (13f)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii; fizika [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Physics]
Izv. vys. ucheb. zav.; khim. i khim. tekh. (13d)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii; khimiia i khimicheskaia tekhnologiia [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning, Chemistry and Chemical Technology]
Izv. vys. ucheb. zav., les. zhur. (15c)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii, lesnoi zhurnal [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Forestry Journal]
Izv. vys. ucheb. zav.; mashinostr. (16g)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii; mashinostroenie [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Machine Building]
Izv. vys. ucheb. zav.; mat. (13e)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii; matematika [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Mathematics]
Izv. vys. ucheb. zav.; prib. (16g)	Russia (1923- U.S.S.R.) Ministerstvo vysshego i srednego spetsial'nogo obrazovaniia. Izvestiia vysshikh uchebnykh zavedenii; priborostroenie [Ministry of Higher and Secondary Specialized Education. Bulletin of the Institutions of Higher Learning; Instrument Manufacture]
Kal. znam. i pam. dat (4a)	Kalendar' znamenatel'nykh i pamiatnykh dat [Calendar of Significant and Memorable Dates]
Kardiologiia (14a)	Kardiologiia [Cardiology]
Kauch. i rez. (16c)	Kauchuk i rezina [Crude and Vulcanized Rubber]
Khim.; sist. uk. st. v inostr. zhur. (13d)	Moscow. Vsesoiuznaia gosudarstvennaia biblioteka inostrannoi literatury. Khimiia, sistematicheskii ukazatel' statei v inostrannykh zhurnalakh [All-Union State Library of Foreign Literature. Chemistry, Classed Index of Articles in Foreign Periodicals]
Khim. i tekh. topl. i masel (16c)	Khimiia i tekhnologiia topliv i masel [Chemistry and Technology of Fuel and Oil]
Khim. prom. (16c)	Khimicheskaia promyshlennost' [Chemical Industries]
Khirurgiia (14h)	Khirurgiia [Surgery]
Kin. i kat. (13d)	Kinetika i kataliz [Kinetics and Catalysis]
Klin. med. (14a)	Klinicheskaia meditsina [Clinical Medicine]
Knizh. let. (2a)	Knizhnaia letopis' [Book Chronicle]
Koks i khim. (16c)	Koks i khimiia [Coke and Chemistry]
Komm. Vooruzh. Sil (17a)	Kommunist Vooruzhennykh Sil [Communist of the Armed Forces]
Kommunist (6)	Kommunist [Communist]
Kons. i ov. prom. (16c)	Konservnaia i ovoshchesushil'naia promyshlennost' [The Canning and Dehydrated Vegetable Industry]
Krat. soob. Inst. arkheol. (4b)	Akademiia nauk SSSR. Institut arkheologii. Kratkie soobshcheniia o dokladakh i polevykh issledovaniiakh [Academy of Sciences of the U.S.S.R. Institute of Archaeology. Brief Summaries of Reports and Field Explorations]
Krat. soob. Inst. nar. Az. (4a)	Akademiia nauk SSSR. Institut narodov Azii. Kratkie soobshcheniia [Academy of Sciences of the U.S.S.R. Institute of the Peoples of Asia. Brief reports]
Kristallografiia (13f)	Kristallografiia [Crystallography]
Kryl. rod. (16b)	Kryl'ia rodiny [Wings of the Motherland]
Kul't. i zhizn' (1b)	Kul'tura i zhizn' [Culture and Life]
Kuz.-shtam. proizv. (18g)	Kuznechno-shtampovochnoe proizvodstvo [Forging and Stamping]
Lab. delo (14e)	Laboratornoe delo [Laboratory Work]

Les. khoz. (15c)	Lesnoe khoziaistvo [Forestry]
Let. gazet. st. (3a)	Letopis' gazetnykh statei [Chronicle of Newspaper Articles]
Let. izobr. isk. (10a)	Letopis' izobrazitel'nogo iskusstva [Chronicle of Fine Arts]
Let. muz. lit. (9b)	Letopis' muzykal'noi literatury [Chronicle of Musical Literature]
Let. period. izd. SSSR (2a)	Letopis' periodicheskikh izdanii SSSR [Chronicle of Periodical Publications of the U.S.S.R.]
Let. rets. (2a)	Letopis' retsenzii [Chronicle of Reviews]
Let. zhur. st. (2a)	Letopis' zhurnal'nykh statei [Chronicle of Periodical Articles]
Lit. po les. i bum. prom. (16f)	Literatura po lesnoi i bumazhnoi promyshlennosti [Literature on Forest and Paper Industries]
Lit. po ped. naukami sar. obr. (8a)	Literatura po pedagogicheskim naukam i narodnomu obrazovaniiu [Literature on the Pedagogical Sciences and Public Education]
Lit. proizv (16h)	Liteinoe proizvodstvo [Foundry Practice]
Mashinostroitel' (10g)	Mashinostroitel' [Machine Builder]
Masl.-zhir. prom. (16c)	Maslobeino-zhirovaia promyshlennost' [Oils and Fats Industry]
Mat. i issl. po arkheol. SSSR (4b)	Materialy i issledovaniia po arkheologii SSSR [Materials and Research in the Archaeology of the U.S.S.R.]
Mat. po geol. i pol. iskop. TSentr. Kazakh. (12c)	ǂMaterialy po geologii i poleznym iskopaemym TSentral'nogo Kazakhstana [Materials on the Geology and Mineral Resources of Central Kazakhstan]
Mat. po met. konstr. (16d)	Moscow. Gosudarstvennyi institut po proektirovaniiu, issledovaniiu i ispytaniiu stal'nykh konstruktsii i mostov. Materialy po metallicheskim konstruktsiiam [State Institute for the Design, Study and Testing of Steel Structures and Bridges. Materials on Metallic Structures]
Mat. VSEGEI (12c)	Leningrad. Vsesoiuznyi geologicheskii institut. Materialy [All-Union Geological Institute. Materials]
Mat. v shkole (13e)	Matematika v shkole [Mathematics in Schools]
Med. prom. (14f)	Meditsinskaia promyshlennost' SSSR [Medical Supplies Industry of the U.S.S.R.]
Med. ref. zhur. (14a)	Meditsinskii referativnyi zhurnal [Medical Abstracts]
Med. zhur. Uzb. (14a)	Meditsinskii zhurnal Uzbekistana [Medical Journal of Uzbekistan]
Mekh. i avtom. proizv. (16g)	Mekhanizatsiia i avtomatizatsiia proizvodstva [Mechanization and Automation of Production]
Mekh. stroi. (16d)	Mekhanizatsiia stroitel'stva [Mechanization of Construction]
Mekhanika (10g)	Mekhanika; periodicheskii sbornik perevodov inostrannykh statei [Mechanics; Translations of Foreign Articles]
Metallurg (16h)	Metallurg / [Metallurgist]
Meteor. i gidrol. (13f)	Meteorologiia i gidrologiia [Meteorology and Hydrology]
Mezhdunar. zhizn' (6)	Mezhdunarodnaia zhizn' [International Life]
Mias. ind. SSSR (16f)	Miasnaia industriia SSSR [Meat Industry of the U.S.S.R.]
Mikrobiol. zhur. (13c)	Mikrobiologichnyi zhurnal [Journal of Microbiology]
Mikrobiologiia (13c)	Mikrobiologiia [Microbiology]
Mir. ekon. i mezhdunar. otn. (5b)	Mirovaia ekonomika i mezhdunarodnye otnosheniia [World Economics and International Relations]
Mol. mira (6)	Molodezh' mira [World Youth]
Mont. i spets. rab. v stroi. (16d)	Montazhnye i spetsializirovannye raboty v stroitel'stve [Assembling and Specialized Operations in Construction]
Mor. flot (17b)	Morskoi flot [The Merchant Marine]
Mor. grav. issl. (13f)	ǂMorskie gravimetricheskie issledovaniia [Marine Gravimetric Research]
Na stroi. Ros. (10d)	Na stroikakh Rossii [At Russian Construction Projects]
Nar. khoz. Uzb. (5b)	Narodnoe khoziaistvo Uzbekistana [The National Economy of Uzbekistan]
Nauch. -issl. trudy TSNIKP (10f)	Moscow. TSentral'nyi nauchno-issledovatel'skii institut kozhevenno-obuvnoi promyshlennosti. Nauchno-issledovatel'skie trudy [Central Scientific Research Institute of the Leather-Footwear Industry. Scientific Research Papers]
Nauch. -metod. zap. Novosib. gos. konsor. (9b)	ǂNovosibirsk. Gosudarstvennaia konservatoriia. Nauchno-metodicheskie zapiski [State Conservatory. Scholarly and Methodological Studies]
Nauch. trudy LTA (16f)	Leningrad. Lesotekhnicheskaia akademiia. Nauchnye trudy [Academy of Wood Technology. Studies]
Nauch. trudy MGI (16h)	Moscow. Gornyi institut. Nauchnye trudy [Mining Institute. Studies]
Nauch. trudy Ukr. nauch. -issl. inst. sad. (16d)	ǂKiev. Ukrains'kyi naukovo-doslidnyi instytut sadivnytstva. Nauchnye trudy [Ukrainian Scientific Research Institute of Horticulture. Studies]
Nauch trudy Zootekh. fak. Khar. zoovet inst. (15b)	ǂKharkov. Zooveterinarnyi institut Zootekhnicheskii fakul'tet. Nauchnye trudy [Zootechnical and Veterinary Institute. Faculty of Animal Husbandry. Studies]
Nauch. zap. IMA AN URSR. Ser. mashinoved. (16g)	Akademiia nauk URSR, Kiev. Instytut mashynoznavstva i avtomatyky. Nauchnye zapiski. Seriia mashinovedeniia [Academy of Sciences of the Ukrainian S.S.R. Institute of Machinery and Automatics. Studies. Series in Mechanical Engineering]
Nauk. pratsi lisohosp. fak. UASHN (15c)	Kiev. Ukrains'ka akademiia sil's'kohospodars'kykh nauk. Naukovi pratsi lisohospodars'koho fakul'tetu [Ukrainian Academy of Agricultural Sciences. Studies of the Forestry Faculty]
Nauka i rel. (3b)	Nauka i religiia [Science and Religion]
Nauka i zhizn' (13a)	Nauka i zhizn' [Science and Life]
Neftianik (16h)	Neftianik [The Petroleum Worker]
Nov. inostr. knigi, postup. v sist. Bibl. AN SSSR (2a)	Akademiia nauk SSSR. Biblioteka. Novye inostrannye knigi, postupivshie v sistemu biblioteki [Academy of Sciences of the U.S.S.R. Library. New Foreign Books Received by the Library System]
Nov. inostr. lit. po ist., arkheol. i etn (4a)	Novaia inostrannaia literatura po istorii, arkheologii i etnografii [New Foreign Literature on History, Archaeology, and Ethnography]
Nov. knigi (2a)	Novye knigi [New Books]
Nov. knigi za rub. Ser. A (13a)	Novye knigi za rubezhom. Seriia A. Matematika, mekhanika, astronomiia, fizika, geofizika, khimiia, geologiia [New Foreign Books. Series A: Mathematics, Mechanics, Astronomy, Physics, Geophysics, Chemistry, Geology]
Nov. knigi za rub. Ser. B (16a)	Novye knigi za rubezhom. Seriia B: Tekhnika [New Foreign Books. Series B: Technology]
Nov. knigi za rub. Ser. V (2a)	Novye knigi za rubezhom. Seriia V: Biologiia, meditsina, sel'skoe khoziaistvo [New Foreign Books. Series V: Biology, Medicine, Agriculture]
Nov knigi za rub. po obshchestv. naukam; ekon., filos., ist., mezhdunar. otn. (2a)	Novye knigi za rubezhom po obshchestvennym naukam, ekonomike, filosofii, istorii, mezhdunarodnye otnosheniia [New Foreign Books on the Social Sciences; Economics, Philosophy, History, International Relations]
Nov. lit. po IUg. (2a)	Novaia literatura po IUgoslavii [New Literature on Yugoslavia]
Nov. lit. po Pol'. (2a)	Novaia literatura po Pol'she [New Literature on Poland]
Nov. lit. po Rum. (2a)	Novaia literatura po Rumynii [New Literature on Rumania]
Nov sov. ekon. lit (5b)	Novaia sovetskaia ekonomicheskaia literatura [New Soviet Economic Literature]
Nov. sov. lit. o nauke i nauch. -issl. rab. v SSSR (2a)	Novaia sovetskaia literatura o nauke i nauchno-issledovatel'skoi rabote v SSSR [New Soviet Literature on Science and General Research in the U.S.S.R.]
Nov. sov. lit. po lit. (11b)	Novaia sovetskaia literatura po literaturovedeniiu [New Soviet Literature on the Study of Literature]
Nov. tekh. lit. Ser. "Pishch. prom." (16f)	Novosti tekhnicheskoi literatury. Seriia: "Pishchevaia promyshlennost'" [News of Technological Literature. Series: "Food Industry"]
Nov. vrem. (6)	Novoe vremia [New Times]
Obshchestv. nauki v Uz. (1a)	Obshchestvennye nauki v Uzbekistane [Social Sciences in Uzbekistan]
Ogonek (1b)	Ogonek [The Little Light]
Okhr. truda i sots. strakh. (5d)	Okhrana truda i sotsial'noe strakhovanie [Protection of Labor and Social Insurance]
Opt. i spektr. (13f)	Optika i spektroskopiia [Optics and Spectroscopy]
Opyt zarub. stroi. (16d)	Akademiia stroitel'stva i arkhitektury SSSR. TSentral'nyi institut nauchnoi informatsii po stroitel'stvu i arkhitekture. Opyt zarubezhnogo stroitel'stva [Academy of Construction and Architecture of the U.S.S.R. Central Institute of Scientific Information on Construction and Architecture. Construction Practice Abroad]
Osn., fund. i mekh. grun. (16d)	Osnovaniia, fundamenty i mekhanika gruntov [Foundations and Soil Mechanics]
Part. zhizn' (6)	Partiinaia zhizn' [Party Life]
Pediatriia (14b)	Pediatriia [Pediatrics]
Poligr. proizv. (2c)	Poligraficheskoe proizvodstvo [Printing Industry]
Polit. samoobr. (6)	Politicheskoe samoobrazovanie [Political Self-Education]
Porosh. met. (16h)	Poroshkovaia metallurgiia [Powder Metallurgy]
Pratsi UDMEKHP (10a)	Lvov. Ukrains'kyi derzhavnyi muzei etnografii ta khudozhn'oho promyslu. Pratsi [Ukrainian State Museum of Ethnography and the Art Industries. Transactions]
Priborostroenie (16g)	Priborostroenie [Instrument Manufacture]
Probl. gemat. i perel. krovi (14e)	Problemy gematologii i perelivaniia krovi [Problems of Hematology and Blood Transfusion]

(13c)	Biology]
Probl. tub. (14a)	Problemy tuberkuleza [Problems of Tuberculosis]
Prof.-tekh. obr. (16a)	Professional'no-tekhnicheskoe obrazovanie [Vocational Technical Education]
Prom. Arm. (16a)	Promyshlennost' Armenii [Industry of Armenia]
Prom. energ. (16e)	Promyshlennaia energetika [Industrial Power]
Prom stroi. (16d)	Promyshlennoe stroitel'stvo [Industrial Construction]
Rad. lit (11b)	Radians'ke literaturoznavstvo [Soviet Literary Review]
Rad. shk. (8a)	Radians'ka shkola [Soviet School]
Radio (16e)	Radio [Radio]
Radiotekhnika (16e)	Radiotekhnika [Radio Engineering]
Razved i okh nedr (16h)	Razvedka i okhrana nedr [Prospecting and Conservation of Mineral Resources]
Rech transp. (17b)	Rechnoi transport [Inland Water Transportation]
Ref. sbor. Ekon prom. (5b)	Referativnyi sbornik: Ekonomika promyshlennosti [Journal of Abstracts: Economics of Industry]
Ref zhur Biol (13c)	Referativnyi zhurnal Biologiia [Journal of Abstracts Biology]
Ref. zhur. Geog (12b)	Referativnyi zhurnal: Geografiia [Journal of Abstracts: Geography]
Ref. zhur. Geol. (12c)	Referativnyi zhurnal Geologiia [Journal of Abstracts: Geology]
Ref. zhur. Gor. delo (16h)	Referativnyi zhurnal: Gornoe delo [Journal of Abstracts: Mining]
Ref zhur Khim (13d)	Referativnyi zhurnal: Khimiia [Journal of Abstracts Chemistry]
Ref. zhur.: Mashinostr. (16g)	Referativnyi zhurnal: Mashinostroenie [Journal of Abstracts: Machinery Manufacture]
Ref. zhur. Mat. (13e)	Referativnyi zhurnal: Matematika [Journal of Abstracts: Mathematics]
Ref. zhur. Otd. vyp. 33. Kommun., byt. i torg. obor. (16g)	Referativnyi zhurnal. Otdel'nyi vypusk 33: Kommunal'noe, bytovoe i torgovoe oborudovanie [Journal of Abstracts. Separate Issue 33: Communal, Household, and Commercial Equipment]
Ref. zhur. Otd. vyp. 34: Kompressory i kholodil'naia tekhnika (16c)	Referativnyi zhurnal. Otdel'nyi vypusk 34: Kompressory i kholodil'naia tekhnika [Journal of Abstracts. Separate Issue 34: Compressors and Refrigeration Engineering]
Ref. zhur. Otd. vyp. 37: Obor. i tekh. poligr. proizv. (2c)	Referativnyi zhurnal. Otdel'nyi vypusk 37: Oborudovanie i tekhnologiia poligraficheskogo proizvodstva [Journal of Abstracts. Separate Issue 37: Equipment and Technology of the Printing Industry]
Ref. zhur. Otd. vyp. 39: Pod.-transp. mash. i soor. (16g)	Referativnyi zhurnal. Otdel'nyi vypusk 39: Pod"emno-transportnye mashiny i sooruzheniia [Journal of Abstracts. Separate Issue 39: Hoisting and Conveying Machinery and Structures]
Ref. zhur. Otd. vyp. 41. Raket. tekh. i app. kosm. pol. (16b)	Referativnyi zhurnal. Otdel'nyi vypusk 41: Raketnaia tekhnika i apparaty kosmicheskogo poleta [Journal of Abstracts. Separate Issue 41: Rocket Engineering and Space Flight Equipment]
Ref. zhur. Otd. vyp. 43: Stroi. i dor. mashinostr. Gor. mash. (16g)	Referativnyi zhurnal. Otdel'nyi vypusk 43: Stroitel'noe i dorozhnoe mashinostroenie. Gornye mashiny [Journal of Abstracts. Separate Issue 43: Manufacture of Construction Equipment and Road Machinery, Mining Machinery]
Ref. zhur. Otd. vyp. 47: Khim. mashinostr. (16c)	Referativnyi zhurnal. Otdel'nyi vypusk 47: Khimicheskoe mashinostroenie [Journal of Abstracts. Separate Issue 47: Chemical Machinery Manufacture]
Sbor. instr. ukaz. Gos. arbitr. (7)	Russia (1923- U.S.S.R.) Gosudarstvennyi arbitrazh. Sbornik instruktivnykh ukazanii [State Arbitration Commission. Collection of Rules]
Sbor. MOSSTANKIN (16g)	Moscow. Stankoinstrumental'nyi institut. Kafedra "Oborudovanie i tekhnologiia kovki i shtampovki." Sbornik [Machine-Tool Institute. Department of "Equipment and Technology of Forging and Stamping." Papers]
Sbor. nauch.-issl. rab. VITIM (15d)	Krasnodar. Vsesoiuznyi nauchno-issledovatel'skii institut tabaka i makhorki. Sbornik nauchno-issledovatel'skikh rabot [All-Union Scientific Research Institute of Tobacco and Makhorka. Collection of Research Papers]
Sbor. nauch. rab. Inst. metallofiz. AN URSR (16h)	Akademiia nauk URSR, Kiev. Instytut metalofizyky. Sbornik nauchnykh rabot [Academy of Sciences of the Ukrainian S.S.R. Institute of the Physics of Metals. Collected Papers]
Sbor. nauch. trud. BLTI (16f)	Minsk. Belorusskii lesotekhnicheskii institut. Sbornik nauchnykh trudov [White Russian Institute of Wood Technology. Collection of Scientific Papers]
Sbor. nauch. trud. UNIIO (16h)	Kharkov. Ukrains'kyi naukovo-doslidnyi instytut vohnetryviv. Sbornik nauchnykh trudov [Ukrainian Scientific Research Institute of Refractories. Papers]
i instr. po fin.-khoz vop. (7)	postanovlenii, prikazov i instruktsii po finansovo-khoziaistvennym voprosam [Decisions, Orders, and Instructions on Financial and Economic Problems]
Sbor. trud Lab. gidr. mash. AN URSR (16g)	Akademiia nauk URSR, Kiev. Laboratoriia hidravlichnykh mashyn. Sbornik trudov [Academy of Sciences of the Ukrainian S.S.R. Laboratory of Hydraulic Machinery. Collected Papers]
Sbor. trud. VNIINSM (16d)	Vsesoiuznyi nauchno-issledovatel'skii institut novykh stroitel'nykh materialov. Sbornik trudov [All-Union Scientific Research Institute of New Building Materials. Collected Papers]
Sel'. khoz. (15a)	Sel'skoe khoziaistvo; sistematicheskii ukazatel' statei v inostrannykh zhurnalakh [Agriculture; Classified Index of Articles in Foreign Periodicals]
Sel' khoz. za rub., Rast. (15d)	Sel'skoe khoziaistvo za rubezhom. Rastenievodstvo [Agriculture Abroad: Plant Culture]
Sel'. mekh. (15a)	Sel'skii mekhanizator [The Rural Mechanic]
Sel'. stroi. (16d)	Sel'skoe stroitel'stvo [Rural Construction]
Shakht. stroi. (16h)	Shakhtnoe stroitel'stvo [Mine Construction]
Shveina. prom (16f)	Shveinaia promyshlennost' [Clothing Industry]
Sil'. bud. (16d)	Sil'skie budivnytstvo [Rural Construction]
Sots. trud (5d)	Sotsialisticheskii trud [Socialist Labor]
Sov. deput. trud. (6)	Sovety deputatov trudiashchikhsia [Soviets of Workers' Deputies]
Sov. geol. (12c)	Sovetskaia geologiia [Soviet Geology]
Sov. gos. i pravo (7)	Sovetskoe gosudarstvo i pravo [The Soviet State and Law]
Sov. iust. (7)	Sovetskaia iustitsiia [Soviet Justice]
Sov. knizh. torg. (2c)	Sovetskaia knizhnaia torgovlia [Soviet Book Trade]
Sov. muz. (9b)	Sovetskaia muzyka [Soviet Music]
Sov. pech. (11b)	Sovetskaia pechat' [Soviet Press]
Sov. potreb. koop. (5b)	Sovetskaia potrebitel'skaia kooperatsiia [Soviet Consumer Cooperation]
Sov. profsoiuzy (5d)	Sovetskie profsoiuzy [Soviet Trade Unions]
Sov. Ukr. (11b)	Sovetskaia Ukraina [Soviet Ukraine]
Sov. zdrav. (14a)	Sovetskoe zdravookhranenie [Soviet Health Service]
Sovr. Mong. (1b)	Sovremennaia Mongoliia [Contemporary Mongolia]
Stand. prog. BESM-2 (13c)	Akademiia nauk SSSR. Vychislitel'nyi tsentr. Standartnye programmy BESM-2 [Academy of Sciences of the U.S.S.R. Computation Center. Standard Programs for the BESM-2]
Standartizatsiia (16a)	Standartizatsiia [Standardization]
Stek. i ker. (16c)	Steklo i keramika [Glass and Ceramics]
Stroi. i arkhit. (10b)	Stroitel'stvo i arkhitektura [Construction and Architecture]
Stroi. i arkhit. Len. (10b)	Stroitel'stvo i arkhitektura Leningrada [Construction and Architecture in Leningrad]
Stroi. i arkhit. Mosk. (10b)	Stroitel'stvo i arkhitektura Moskvy [Construction and Architecture in Moscow]
Stroi. mat. (16d)	Stroitel'nye materialy [Building Materials]
Stroi. truboprov. (16h)	Stroitel'stvo truboprovodov [Pipeline Construction]
Stroitel' (16d)	Stroitel' [The Builder]
Sudostroenie (17b)	Sudostroenie [Shipbuilding]
Svar. proizv. (16f)	Svarochnoe proizvodstvo [Welding Practice]
Svod. biul. nov. inostr. knig. Ser. B (2a)	Svodnyi biulleten' novykh inostrannykh knig, postupivshikh v bibliioteki SSSR. Seriia B: Obshchestvennye nauki [Union List of New Foreign Books Received by the Libraries of the U.S.S.R. Series B: Social Sciences]
Teatr (9c)	Teatr [The Theater]
Tekh. mol. (16a)	Tekhnika - molodezhi [Technology for Youth]
Tekh. v sel'khoz. (15a)	Tekhnika v sel'skom khoziaistve [Machinery in Agriculture]
Teor. i prak. fiz. kul't. (8b)	Teoriia i praktika fizicheskoi kul'tury [Theory and Practice of Physical Education]
Terap. arkh. (14c)	Terapevticheskii arkhiv [Therapeutic Archives]
Torg. za rub. (5a)	Torgovlia za rubezhom [Trade Abroad]
Trakt. i sel'khozmash. (16g)	Traktory i sel'khozmashiny [Tractors and Agricultural Machinery]
Transp. stroi. (16d)	Transportnoe stroitel'stvo [Construction for the Transportation Industry]

nauch.-issl. inst. sad., vin. i subtrop. kul't. (15d)	sadovodstva, vinogradarstva i subtropicheskikh kul'tur. Trudy [Scientific Research Institute of Horticulture, Viticulture, and Subtropical Crops Transactions]
Trudy Biol. inst. Sib. otd. AN SSSR (13c)	Akademiia nauk SSSR, Sibirskoe otdelenie, Biologicheskii institut. Trudy [Academy of Sciences of the U.S.S.R. Siberian Department Biological Institute Transactions]
Trudy Fiz. inst (13f)	Akademiia nauk SSSR Fizicheskii institut. Trudy [Academy of Sciences of the U.S.S.R. Institute of Physics Transactions]
Trudy GGI (12b)	Leningrad. Gosudarstvennyi gidrologicheskii institut. Trudy [State Hydrological Institute. Transactions]
Trudy GGO (13f)	Leningrad. Glavnaia geofizicheskaia observatoriia Trudy [Main Geophysical Observatory. Transactions]
Trudy GPI [Gruz.] (16a)	Tiflis. Gruzinskii politekhnicheskii institut. Trudy [Georgian Polytechnic Institute Transactions]
Trudy Gel'm lab. (13c)	Akademiia nauk SSSR Gel'mintologicheskaia laboratoriia Trudy [Academy of Sciences of the U.S.S.R. Helmintological Laboratory. Transactions]
Trudy Geol. inst. Dag. fil. AN SSSR (12c)	Akademiia nauk SSSR, Dagestanskii filial, Makhachkala. Geologicheskii institut. Trudy [Academy of Sciences of the U.S.S.R. Daghestan Branch. Geological Institute. Transactions]
Trudy Gidrobiol. ob-va (13c)	Vsesoiuznoe gidrobiologicheskoe obshchestvo. Trudy [All-Union Hydrobiological Society Transactions]
Trudy Gor.-geol. inst. UFAN SSSR (12c)	Akademiia nauk SSSR. Ural'skii filial, Sverdlovsk Gorno-geologicheskii institut. Trudy [Academy of Sciences of the U.S.S.R. Ural Branch. Mining-Geological Institute. Transactions]
Trudy Gos. nauch.-issl. inst. psikh. (14c)	Moscow Gosudarstvennyi nauchno-issledovatel'skii institut psikhiatrii. Trudy [State Scientific Research Institute of Psychiatry. Transactions]
Trudy Gos. nauch.-issl. psikhonevr. inst. (14c)	Leningrad. Gosudarstvennyi nauchno-issledovatel'skii psikhonevrologicheskii institut. Trudy [State Psychoneurological Scientific Research Institute. Transactions]
Trudy IAFAN SSSR. Ser. fiz. (13f)	Akademiia nauk SSSR. IAkutskii filial, Yakutsk. Trudy. Seriia fizicheskaia [Academy of Sciences of the U.S.S.R. Yakut Branch. Transactions. Physical Series]
Trudy IGEM (12c)	Akademiia nauk SSSR. Institut geologii rudnykh mestorozhdenii, petrografii, mineralogii i geokhimii. Trudy [Academy of Sciences of the U.S.S.R. Institute of the Geology of Ore Deposits, Petrology, Mineralogy, and Geochemistry. Transactions]
Trudy ITA (13b)	Akademiia nauk SSSR. Institut teoreticheskoi astronomii. Trudy [Academy of Sciences of the U.S.S.R. Institute of Theoretical Astronomy. Transactions]
Trudy Inst. bot. AN Kazakh. SSR (13c)	Akademiia nauk Kazakhskoi SSR, Alma-Ata. Institut botaniki. Trudy [Academy of Sciences of the Kazakh S.S.R. Institute of Botany. Transactions]
Trudy Inst. chern. met. AN URSR (16h)	Akademiia nauk URSR, Kiev. Instytut chornoi metalurgii. Trudy [Academy of Sciences of the Ukrainian S.S.R. Institute of Ferrous Metallurgy. Transactions]
Trudy Inst. etn. (12a)	Akademiia nauk SSSR. Institut etnografii. Trudy [Academy of Sciences of the U.S.S.R. Institute of Ethnography. Transactions]
Trudy Inst. fiz. atm. (13f)	Akademiia nauk SSSR. Institut fiziki atmosfery. Trudy [Academy of Sciences of the U.S.S.R. Institute of Atmospheric Physics. Transactions]
Trudy Inst geol. AN Tadzh. SSR (12c)	ǂAkademiia nauk Tadzhikskoi SSR, Dushanbe. Institut geologii. Trudy [Academy of Sciences of the Tajik S.S.R. Institute of Geology. Transactions]
Trudy Inst. geol. nauk AN URSR. Ser. petr., min. i geokhim. (12c)	Akademiia nauk URSR, Kiev. Instytut geologichnykh nauk. Trudy. Seriia petrografii, mineralogii i geokhimii [Academy of Sciences of the Ukrainian S.S.R. Institute of Geological Sciences. Transactions. Petrographical, Mineralogical, and Geochemical Series]
Trudy Inst. khim. nauk AN Kazakh. SSR (13d)	Akademiia nauk Kazakhskoi SSR, Alma-Ata. Institut khimicheskikh nauk. Trudy [Academy of Sciences of the Kazakh S.S.R. Institute of Chemical Sciences. Transactions]
Trudy Inst. Kom. stand., mer i izm. prib. (16a)	Russia (1923- U.S.S.R.) Komitet standartov, mer i izmeritel'nykh priborov. Trudy Institutov Komiteta [Committee of Standards, Measures, and Measuring Instruments. Transactions of the Institutes of the Committee]
Trudy Inst. met. AN Gruz. SSR (16h)	Akademiia nauk Gruzinskoi SSR, Tiflis. Institut metallurgii. Trudy [Academy of Sciences of the Georgian S.S.R. Institute of Metallurgy. Transactions]
Trudy Inst. okean. (12b)	Akademiia nauk SSSR. Institut okeanologii. Trudy [Academy of Sciences of the U.S.S.R. Institute of Oceanography. Transactions]
Trudy Irk. un. (1a)	Irkutsk. Universitet. Trudy [University. Transactions]
Trudy KHIIT (16g)	Kharkov. Instytut inzheneriv zaliznychnoho transportu. Trudy [Institute of Railroad Transportation Engineers. Transactions]
Trudy Kal. tekh. inst. ryb. prom. i khoz. (15b)	ǂKaliningrad. Kaliningradskii tekhnicheskii institut rybnoi promyshlennosti i khoziaistva. Trudy [Kaliningrad Technical Institute of Fisheries. Transactions]
AN SSSR (1a)	Trudy [Academy of Sciences of the U.S.S.R. Karelian Branch. Transactions]
Trudy Kuib. av. inst. (16b)	ǂKuybyshev. Aviatsionnyi institut Trudy [Aeronautical Institute. Transactions]
Trudy LIIZHT (16d)	Leningrad. Institut inzhenerov zheleznodorozhnogo transporta. Trudy [Institute of Railroad Transportation Engineers. Transactions]
Trudy LPI (16a)	Leningrad. Politekhnicheskii institut. Trudy [Polytechnic Institute. Transactions]
Trudy MAI (16b)	Moscow Aviatsionnyi institut. Trudy [Aeronautical Institute. Transactions]
Trudy MEI (16g)	Moscow Energeticheskii institut Trudy [Power Engineering Institute Transactions]
Trudy MIIT (16g)	Moscow. Moskovskii institut inzhenerov zheleznodorozhnogo transporta. Trudy [Moscow Institute of Engineers of Railroad Transportation. Transactions]
Trudy MINKHiGP (16h)	Moscow. Institut neftekhimicheskoi i gazovoi promyshlennosti Trudy [Institute of the Petrochemical and Gas Industry. Transactions]
[Trudy] NII osn (16d)	Akademiia stroitel'stva i arkhitektury SSSR. Institut osnovanii i podzemnykh sooruzhenii. (Trudy) [Academy of Construction and Architecture of the U.S.S.R. Institute of Foundations and Underground Construction (Transactions)]
Trudy NIIAsbestcementa (16d)	Moscow Nauchno-issledovatel'skii institut asbesta, sliudy, asbestotsementnykh izdelii i proektirovaniia stroitel'stva predpriiatii sliudianoi promyshlennosti. Trudy [Scientific Research Institute of Asbestos, Mica, Asbestos-Cement Products, and for the Design of Plants for the Mica Industry. Transactions]
Trudy NIIGA (12c)	Leningrad. Nauchno-issledovatel'skii institut geologii Arktiki. Trudy [Scientific Research Institute of Arctic Geology. Transactions]
Trudy NPI (16a)	Novocherkassk. Politekhnicheskii institut. Trudy [Polytechnic Institute. Transactions]
Trudy po prikl. bot., gen. i sel. (15d)	Trudy po prikladnoi botanike, genetike i selektsii [Papers on Applied Botany, Genetics, and Plant Breeding]
Trudy RIIZHT (16g)	Rostov-on-Don Institut inzhenerov zheleznodorozhnogo transporta. Trudy [Institute of Engineers of Railroad Transportation. Transactions]
Trudy SNIIGGIMS (12c)	Sibirskii nauchno-issledovatel'skii institut geologii, geofiziki i mineral'nogo syr'ia. Trudy [Siberian Scientific Research Institute of Geology, Geophysics, and Mineral Resources. Transactions]
Trudy sov. ikht. kom. (15b)	Akademiia nauk SSSR Ikhtiologicheskaia komissiia. Trudy soveshchanii [Academy of Sciences of the U.S.S.R. Ichthyological Commission Transactions of Conferences]
Trudy Sukh. opyt. sta. efiromasl. kul't. (15d)	ǂ Sukhum. Opytnaia stantsiia efiromaslichnykh kul'tur. Trudy [Experiment Station of Essential Oil Crops. Transactions]
Trudy TSAO (13f)	TSentral'naia aerologicheskaia observatoriia. Trudy [Central Aerological Observatory Transactions]
Trudy TSNII MPS (16g)	Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut zheleznodorozhnogo transporta. Trudy [All-Union Scientific Research Institute of Railroad Transportation. Transactions]
Trudy Tbil. GU (1a)	Tiflis. Universitet. Trudy [University. Transactions]
Trudy UNIKHIM (16h)	Sverdlovsk. Ural'skii nauchno-issledovatel'skii khimicheskii institut. Trudy [Ural Chemical Research Institute. Transactions]
Trudy VNIGRI (12c)	Leningrad. Vsesoiuznyi neftianoi nauchno-issledovatel'skii geologorazvedochnyi institut. Trudy [All-Union Petroleum (Scientific Research) Geological Prospecting Institute. Transactions]
Trudy VNIIGAZ (16c)	Vsesoiuznyi nauchno-issledovatel'skii institut prirodnykh gazov. Trudy [All-Union Scientific Research Institute of Natural Gas. Transactions]
Trudy VNIIL (15d)	Torzhok. Vsesoiuznyi nauchno-issledovatel'skii institut l'na. Trudy [All-Union Scientific Research Institute of Flax. Transactions]
Trudy VNIIZ (15d)	Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut zerna i produktov ego pererabotki. Trudy [All-Union Scientific Research Institute of Grain and Grain Products. Transactions]
Trudy VSEGEI (12c)	Leningrad. Vsesoiuznyi geologicheskii institut. Trudy [All-Union Geological Institute. Transactions]
Trudy Vych. tsentra AN Azerb. SSR (13e)	ǂ Akademiia nauk Azerbaidzhanskoi SSR, Baku. Vychislitel'nyi tsentr. Trudy [Academy of Sciences of the Azerbaijan S.S.R. Computation Center. Transactions]
TSement (16d)	TSement [Cement]
Uch. zap. AGU. Biol. ser. (13c)	Baku. Azerbaidzhanskii gosudarstvennyi universitet. Uchenye zapiski. Biologicheskaia seriia [Azerbaijan State University. Studies. Biological Series]

Uch.zap.AGU. Geol.-geog.ser. (12c)	Baku. Azerbaidzhanskii gosudarstvennyi universitet. Uchenye zapiski. Geologo-geograficheskaia seriia [Azerbaijan State University. Studies. Geological and Geographical Series]
Uch.zap.LGU (1a)	Leningrad. Universitet. Uchenye zapiski [University. Studies]
Uch.zap.Volg. gos.ped.inst. (1a)	Volgograd. Gosudarstvennyi pedagogicheskii institut. Uchenye zapiski [State Pedagogical Institute. Studies]
Uchet i fin.v kolkhoz.i sovkhoz. (5b)	Uchet i finansy v kolkhozakh i sovkhozakh [Accounting and Finance on Collective and State Farms]
Ugol' Ukr. (16h)	Ugol' Ukrainy [Coal of the Ukraine]
Ukr.fiz.zhur. (13f)	Ukrains'kyi fizychnyi zhurnal [Ukrainian Physical Journal]
Ukr.ist.zhur. (4a)	Ukrains'kyi istorychnyi zhurnal [Ukrainian Historical Journal]
Ukr.khim.zhur. (13d)	Ukrainskii khimicheskii zhurnal [Ukrainian Chemical Journal]
Ukr.mat.zhur. (13e)	Ukrainskii matematicheskii zhurnal [Ukrainian Mathematical Journal]
Ukr.mova v shkoli (11a)	Ukrains'ka mova v shkoli [Ukrainian Language in Schools]
Ukraina (1b)	Ukraina [The Ukraine]
Urologiia (14a)	Urologiia [Urology]
Usp.fiz.nauk (13f)	Uspekhi fizicheskikh nauk [Progress in the Physical Sciences]
Usp.khim. (13d)	Uspekhi khimii [Progress in Chemistry]
Usp.mat.nauk. (13e)	Uspekhi matematicheskikh nauk [Progress in the Mathematical Sciences]
Uzb.khim.zhur. (13d)	Uzbekskii khimicheskii zhurnal [Uzbek Chemical Journal]
Ved.Verkh.Sov. RSFSR (6)	Russia (1917- R.S.F.S.R.) Verkhovnyi Sovet. Vedomosti [Supreme Soviet. Gazette]
Ved.Verkh.Sov. SSSR (6)	Russia (1923- U.S.S.R.) Verkhovnyi Sovet. Vedomosti [Supreme Soviet. Gazette]
Vest.AMN SSSR (14a)	Akademiia meditsinskikh nauk SSSR, Moscow. Vestnik [Academy of Medical Sciences of the U.S.S.R. Journal]
Vest.AN Kazakh. SSR (1a)	Akademiia nauk Kazakhskoi SSR, Alma-Ata. Vestnik [Academy of Sciences of the Kazakh S.S.R. Journal]
Vest.AN SSSR (1a)	Akademiia nauk SSSR. Vestnik [Academy of Sciences of the U.S.S.R. Journal]
Vest.elektroprom. (16e)	Vestnik elektropromyshlennosti [Review of the Electrical Industry]
Vest.khir. (14h)	Vestnik khirurgii [Review of Surgery]
Vest.LGU (1a)	Leningrad. Universitet. Vestnik [University. Review]
Vest.Mosk.un. Ser.3: Fiz., astron. (13f)	Moscow. Universitet. Vestnik. Serlia 3: Fizika, astronomiia [University. Review. Series 3: Physics, Astronomy]
Vest Mosk un. Ser.8:Ekon , filos (5b)	Moscow. Universitet Vestnik, Serlia 8: Ekonomika, filosofiia [University. Review. Series 8: Economics, Philosophy]
Vest.oft. (14d)	Vestnik oftalmologii [Review of Ophthalmology]
Vest.stat. (5b)	Vestnik statistiki [Statistical Review]
Vest.TSNII MPS (16g)	Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut zheleznodorozhnogo transporta. Vestnik [All-Union Scientific Research Institute of Railroad Transportation. Journal]
Vestsi AN BSSR. Ser.bilal.nav. (13c)	Akademiia navuk BSSR, Minsk. Vestsi. Seryia biialagichnykh navuk [Academy of Sciences of the White Russian S.S.R. Bulletin. Series in the Biological Sciences]
Visnyk sil'hosp. nauky (15a)	Visnyk sil's'kohospodars'koi nauky [Review of Agricultural Science]
Vneshn.torg. (5a)	Vneshniaia torgovlia [Foreign Trade]
Vod.i san.tekh. (16d)	Vodosnabzhenie i sanitarnaia tekhnika [Water Supply and Sanitary Engineering]
Voen.znan (17a)	Voennye znaniia [Military Knowledge]
Volov.ateist (3b)	Volovnychyi ateist [Militant Atheist]
Vokrug sveta (12b)	Vokrug sveta [Around the World]
Vop.biokhim. (13c)	Voprosy biokhimii [Problems of Biochemistry]
Vop.filos. (3a)	Voprosy filosofii [Problems of Philosophy]
Vop.fiziol.i biokhim.kul't. rast. (13c)	Voprosy fiziologii i biokhimii kul'turnykh rastenii [Problems of Physiology and Biochemistry of Plant Crops]
Vop.geol Uzb. (12c)	Voprosy geologii Uzbekistana [Problems of the Geology of Uzbekistan]
Vop.ist. (4a)	Voprosy istorii [Problems of History]
Vop.lit. (11b)	Voprosy literatury [Problems of Literature]
Vop.pit. (13c)	Voprosy pitaniia [Problems of Nutrition]
Vop.raket.tekh. (16b)	Voprosy raketnoi tekhniki; sbornik perevodov i obzorov inostrannoi periodicheskoi literatury [Problems of Rocket Engineering; Translations and Surveys of Foreign Periodical Literature]
Vrach.delo (14a)	Vrachebnoe delo [Medical Practice]
Vsem.prof.dvizh. (5d)	Vsemirnoe profsoiuznoe dvizhenie [World Trade Union Movement]
Vysokom.soed. (13d)	Vysokomolekuliarnye soedineniia [Macromolecular Compounds]
Za bezop.dvizh. (16g)	Za bezopasnost' dvizheniia [For Traffic Safety]
Zakonom.razm. polezn.iskop. (12c)	Zakonomernosti razmeshcheniia poleznykh iskopaemykh [Characteristics of the Distribution of Mineral Resources]
Zap Vses geog. ob-va (12b)	Geograficheskoe obshchestvo SSSR. Zapiski [Geographic Society of the U.S.S.R. Records]
Zarub.radioelek. (16e)	Zarubezhnaia radioelektronika [Radio Electronics Abroad]
Zashch.rast.ot vred.i bol. (15d)	Zashchita rastenii ot vreditelei i boleznei [Protecting Plants Against Diseases and Pests]
Zdrav.Kazakh. (14a)	Zdravookhranenie Kazakhstana [Health Service of Kazakhstan]
Zdrav.Ros. Feder. (14a)	Zdravookhranenie Rossiiskoi Federatsii [Health Service of the Russian Federation]
Zdrav.Tadzh. (14a)	Zdravookhranenie Tadzhikistana [Health Service of Tajikistan]
Zemledelie (15d)	Zemledelie [Agriculture]
Zhen.mira (5e)	Zhenshchiny mira [Women of the Whole World]
Zhil.-kom.khoz. (16d)	Zhilishchno-kommunal'noe khoziaistvo [Communal Housing and Services]
Zhivotnovodstvo (15b)	Zhivotnovodstvo [Animal Husbandry]
Zhur.anal.khim. (13d)	Zhurnal analiticheskoi khimii [Journal of Analytical Chemistry]
Zhur.eksp.i teor. fiz. (13f)	Zhurnal eksperimental'noi i teoreticheskoi fiziki [Journal of Experimental and Theoretical Physics]
Zhur.Mosk.Patr. (3b)	Orthodox Eastern Church, Russian. Patriarch. Zhurnal Moskovskoi Patriarkhii [Journal of the Moscow Patriarchate]
Zhur.nauch.i prikl.fot.i kin. (16c)	Zhurnal nauchnoi i prikladnoi fotografii i kinematografii [Journal of Scientific and Applied Photography and Cinematography]
Zhur.neorg.khim. (13d)	Zhurnal neorganicheskoi khimii [Journal of Inorganic Chemistry]
Zhur.nevr.i psikh. (14c)	Zhurnal nevropatologii i psikhiatrii [Journal of Neuropathology and Psychiatry]
Zhur.prikl.khim. (16c)	Zhurnal prikladnoi khimii [Journal of Applied Chemistry]
Zhur.strukt.khim. (13d)	Zhurnal strukturnoi khimii [Journal of Structural Chemistry]
Zhur.VKHO (13d)	Vsesoiuznoe khimicheskoe obshchestvo imeni D.I.Mendeleeva. Zhurnal [D.I.Mendeleev All-Union Chemical Society Journal]
Zhur.vys.nerv. deiat. (14c)	Zhurnal vysshei nervnoi deiatel'nosti [Journal of the Higher Nervous Function]
Znan.-sila (13a)	Znanie - sila [Knowledge is Power]
Znan.ta pratsia (13a)	Znannia ta pratsia [Knowledge and Work]
Zool.zhur. (13c)	Zoologicheskii zhurnal [Zoological Journal]

ACTH
Content of the adrenocorticotropic hormone in the hypophysis of rats of different ages [with summary in English]. N. L. Blok. Biul. eksp. biol. i med. 54 no. 11:20-24 N '62.

ABDOMEN ABSCESS
Surgical treatment of perinappendicular infiltrate and abscess. V. Shan. Khirurgiia 38 no. 10:97-100 O '62.

ABDOMINAL ANEURYSM
Rare case of perforation of the intestinal wall by foreign bodies with the formation of an arteriovenous aneurysm. E. I. Tsvilov. Khirurgiia 38 no. 10:134-135 O '62.

ABDULLAEV, KHABIB MUKHAMEDOVICH, 1913-1962
Khabib Mukhamedovich Abdullaev; obituary. A. N. Batalov and others. Geol. i razv. no. 5:119-120 S-O '62.
Khabib Mukhamedovich Abdullaev; obituary. Geol. rud. mestorozh. no. 5:112-113 '62.

ABELIAN GROUPS
On finitely approximated Abelian groups with multiple operators. D. M. Smirnov, M. A. Taitslin. Dep. mat. nauk 17 no. 5:177-183 S-O '62.

ABERRATION, CHROMATIC AND SPHERICAL see Achromatism

ABKHAZIA AROMATIC PLANTS
Production of aromatic plants and possibilities of its development on the collective farms in the Abkhaz A.S.S.R. O.S. Bukhanova. Trudy Sukh. opyt. sta. efiromas. kul't. no. 7/4:169-174 '61.

ABKHAZIA LEPIDOPTERA
Different spatial distribution of Lepidoptera in Abkhazia. E. G. Mill'monskii. Trudy Sukh. opyt. sta. efiromas. kul't. no. 7/4:180-184 '61.

ABKHAZIA REVOLUTION, 1917-1921
Mikanba, M. Kh. [Recollections of an old Communist] Iz vospominanii starogo kommunista. Sukhumi, Abgosizdat, 1962. 43 p.

ABKHAZIA WORLD WAR, 1939-1945
Cherkezia, G. T. [Abkhazian workers during the Great Patriotic War, 1941-1945] Trudiashchiesia Abkhazii v gody Velikoi Otechestvennoi voiny, 1941-1945. Sukhumi, Abgosizdat, 1962. 185 p.

ABKHAZIAN LANGUAGE: AFFIXES
Shakryl, K. G. [Affixes in the Abkhazian language] Affiksatsiia v abkhazskom iazyke. [Sukhumi] Abgosizdat, 1961. 171 p.
(MIU)

ABNORMALITIES (PLANTS)
Translocation in plant breeding [with summary in English]. A. I. Pal'mov. Trudy po prikl. bot., gen. i sel. 34 no. 3:84-94 '61.

ABSORPTION
Approximate method of calculating the process of absorption-separation of binary mixtures in the vapor phase. E. N. Serpionova. Izv. vys. uch. zav.; khim. i khim. tekh. 5 no. 4:651-659 '62.

ABSORPTION (PHYSIOLOGY)
Effect of γ-aminobutyric acid on glucose absorption by various tissues [in Armenian with summaries in Russian and English]. S. G. Mkrtchian. Vop. biokhim. 2:97-107 '61.
Study of the absorptive capacity of some sections of the gastrointestinal apparatus in clinical conditions. A. IA. Gubergrits, L. A. Leshchinskii, V. I. Rishov. Terap. arkh. no. 8:30-37 '62.

ABSORPTION OF LIGHT
Effect of heavy doping on the fundamental absorption edge in silicon. G. B. Dubrovskii, V. K. Subashiev. Fiz. tver. tela 4 no. 11:3018-3026 N '62.

ABSORPTION OF SOUND
Light scattering in solutions and its relation to diffusion and the absorption of ultrasound [with summary in English]. L. I. Mandel'shtam, M. I. Vuks. Zhur. eksp. i teor. fiz. 7 no. 7:778-781 Jl '62.

ABSORPTION SPECTRA
Correlation between changes in the K_{β}-line intensity and the values of initial absorption regions in certain cobalt compounds. L. D. Finkel'shtein, S. A. Nemnonov. Fiz. met. i metalloved. 14 no. 5:660-665 N '62.
Investigating the structure of K-absorption spectra of transition metals in intermetallic compounds with aluminum and silicon. S. A. Nemnonov and others. Fiz. met. i metalloved. 14 no. 5:666-671 N '62.
A method for obtaining coherent radiation in the event of resonance absorption. N. R. Batarchukova, A. I. Kartashev, A. P. Kriuchenko. Trudy Inst. Kon. stand., mer i izm. pri Sh. no. 56:5-10 '61.

ABSTRACT ART see Art, Abstract

ACADEMIC DISSERTATIONS see Dissertations, Academic

ACADEMY OF SCIENCES OF THE KAZAKH S.S.R.
Promoting further development of natural and social sciences. Vest. AN Kazakh. SSR 20 no. 11:90-91 N '62.

ACADEMY OF SCIENCES OF THE LATVIAN S.S.R.
Basic trends in the research of the Academy of Sciences of the Latvian S.S.R. in 1961. V. Bannow. Izv. AN Latv. SSR no. 2:117-120 '61.
Brief news [in Latvian]. E. Kruja. Izv. AN Latv. SSR no. 1:180-182 '61.
Conference between the Academy of Sciences of the Latvian S.S.R. and the Communist Youth League with the objective of putting into practice results of research [in Latvian]. E. Kruja. Izv. AN Latv. SSR no. 2:183-185 '61.
Fifteenth anniversary of the Academy of Sciences of the Latvian S.S.R. [in Latvian]. E. Kruja. Izv. AN Latv. SSR no. 2:183-184 '61.
In the Presidium of the Academy of Sciences of the Latvian S.S.R. [in Latvian]. Izv. AN Latv. SSR no. 1:182-184 '61.
In the Presidium of the Academy of Sciences of the Latvian S.S.R. J. Magone. Izv. AN Latv. SSR no. 3:165 '61.
Principal results of research conducted by the Academy of Sciences of the Latvian S.S.R. in 1960 and their application. E. Kruja. Izv. AN Latv. SSR no. 2, 7-15 '61.
Reunions and conferences of the Academy of Sciences of the Latvian S.S.R. in 1960 [in Latvian]. J. Magone. Izv. AN Latv. SSR no. 2:179-181 '61.

ACADEMY OF SCIENCES OF THE U.S.S.R.
(see also subdivision under Akademgorodok)
Election of academicians and corresponding members of the Academy of Sciences of the U.S.S.R. Izv. AN SSSR, Otd. khim. nauk no. 11:2105-2106 N '62.

ACANTHOCEPHALA see subdivision under Zoya Valley

ACCELERATION--PHYSIOLOGICAL EFFECT
Effect of prolonged transverse accelerations on the organism of animals [with summary in English]. A. R. Kotovskaia, E. M. Ilganov. Probl. kosm. biol. 1:384-391 '62.

ACCELEROMETERS
Single action accelerometers. A. S. Zhmur, V. S. Il'inskii, V. P. Penkov. Izm. tekh. no. 12:12-16 D '62.

ACCLIMATIZATION
Physiological characteristics of Merino sheep during the process of acclimatization in Uzbekistan. G. I. Alekseeva. Zhivotnovodstvo 24 no. 9:75-78 S '62.

ACCOUNTING
[Accounting in communications enterprises] Bukhgalterskii uchet v predpriiatiiakh sviazi. [By] M. P. Titchenko i dr. Moskva, Sviaz'izdat, 1962. 432 p.

Increasing control over the use of materials in production. V. Pankratov. Bukhg. uchet 10 no. 11:76-77 N '62.

Rubkov, M. Z. [Principles for the economic analysis of the work of enterprises] Osnovy ekonomicheskogo analiza raboty predpriatii. Moskva, Gosfinizdat, 1962. 330 p.

Survey of newspapers. Bukhg. uchet 10 no. 11:70-75 N '62.

Vellaman, N. R., and others. [Principles of studying balance sheets and statistics] Osnovy balansovedeniia i statistiki; uchebnoe posobie. Pod red. N. R. Vellamana. Moskva, Izd-vo IMO, 1962. 281 p.

ACCOUNTING--BIBLIOGRAPHY see Bibliography--Accounting

ACCOUNTING--STUDY AND TEACHING
(see also subdivision under Gorkiy Province, Suzdal', White Russia; Zhitomir Province)
Let us study, comrade accountants! Uchet i fin. v kolkhoz. i sovkhoz. 10 no. 12:41-42 D '62.

ACCRA--EXHIBITIONS
I encounter with a friend. T. Kolesnichenko. Avt. i Av. nog. no. 11:12-13 N '62.

ACETALS
Quantitative determination of aldehydes in the presence of acetals [with summary in English]. A. D. Skvortsova, L. E. Petrova, P. N. Novikova. Zhur. anal. khim. 17 no. 7:800-804 O '62.

ACETIC ACID
Behavior of some plastic materials under conditions of the production of synthetic acetic acid by n-butane oxidation. L. IA. Klinov, M. A. Vorobieva. Khim. prom. no. 10, 769-772 O '62.
Dissolving zonal calculi. The possibility of using teflon B as a chemical solvent; experimental study [with summary in English]. S. U. Volkov, V. U. Korolikhin. Urologiia no. 6:38-43 '62.
Effect of magnesium-disodium salts of EDTA on some experimental ventricular arrhythmias in dogs [with summary in English]. L. I. Grendenshtein, L. A. Korolkain. Biul. eksp. biol. i med. 54 no. 11:72-76 N '62.
Mechanism underlying the Kucherov reaction. Part 3: Isotopic effect in the reaction of acetylene with acetic acid. A. F. Rokashova, I. M. Barmchenko. Ukr. khim. zhur. 28 no. 9, 1054-1060 '62.
Polarographic investigation of antimony complexes with ethylenediaminotetraacetic acid and 1,2-diaminocyclohexanetetraacetic acids. M. M. Polivalova, D. I. Ryabchikov. Zhur. neorg. khim. 7 no. 11:2537-2541 N '62.

ACETOBACTER
Development of Acetobacter suboxydans and Acetobacter melanogenum in media containing ethyl alcohol [with summary in English]. S. A. Shchukunova, Mikrobiologiia 31 no. 3:507-514 My-Je '62.

ACETONE
Kinetics and mechanism of dihydroxyacetone phosphate hydrolysis. D. F. Mironova. Ukr. khim. zhur. 28 no. 7:843-847 '62.

ACETOPHENONE
Extraction of hydrochloric acid and of certain elements by acetophenone. S. S. Korovin and others. Izv. vys. uch. zav.; khim. i khim. tekh. 5 no. 4:653-656 '62.
Extraction of hydrorhodanic acid with acetophenone. I. V. Vinarov, A. I. Orlova, N. F. Kiniitina. Ukr. khim. zhur. 28 no. 7:799-799 '62.

ACETYLATION
Acetylation processes during the treatment of tuberculosis with antibacterial preparations and calcium pantothenate. L. B. Shefer. Zdrav. Kazakh. 22 no. 3:28-30 '62.
Effect of chloramphenicol (levomycetin), streptomycin, and oxytetracycline on the activity of acetylation enzyme [with summary in English]. A. I. Korotiaev. Mikrobiologiia 31 no. 3:402-405 My-Je '62.

ACETYLENE

Concurrent hydrogenation of acetylene and phenylacetylene D V Sokol'skii, N F Noskova Trudy Inst khim nauk AN Kazakh SSR 8 80-89 '62

Decrease of mercury losses in the liquid phase hydrogenation of acetylene D V Sokol'skii, Sh. Kh Nurgozhaeva. Trudy Inst khim nauk AN Kazakh SSR 8:163-165 '62

Effect of preheating of gas in the electrocracking of methane to acetylene. D, T, Il'in, E N, Eremin. Zhur. prikl. khim 35 no 11 2496-2504 N '62

Explosion-proofing in work with acetylene at high pressure I I Strizhevskii Zhur VKHO 7 no 6 632-640 '62

Mechanism underlying the Kucherov reaction Part 2 Isotopic effect in the reactions of acetylene with acetic acid A F Rekasheva, I. M. Samchenko Ukr khim zhur 28 no 9 1054-1060 '62

ACETYLENE COMPOUNDS

Hydrogenation of dimethylethynylcarbinol on Ni/SiO_2 catalysts N M Popova Trudy Inst khim nauk AN Kazakh SSR 8 21-36 '62

Kinetics and mechanism of the addition of mercuric chloride to acetylene derivatives in methanol solution Report No 1 G. F Dvorko, E A. Shilov. Ukr khim zhur 28 no 7:833-841 '62.

Removal of acetylenic compounds from the butylene-butylnyl fraction of gases of petroleum product pyrolysis by the methods of selective hydrogenation. P S. Kogan, N. L. Sanfan, S N. Kazarnovskii. Khim. prom. no. 10 717-719 O '62.

Soluble complexes of unsaturated hydrocarbons with metal salts and their role in catalytic reactions Part 2: Soluble compounds of acetylene with silver salts O. N. Temkin, R. M. Flid, A I. Malakhov. Kin. i kat. 3 no. 6:915-919 N-D '62.

ACETYLENE LAMPS

Study of physical and chemical processes in the reaction zone of an acetylene flame [with summary in English]. Ukr. fiz. zhur. 7 no. 11:1218-1222 N '62.

Study of physical and chemical processes in the reaction zone of an acetylene flame [with summary in English]. A. I. Lutyi and others. Ukr. fiz. zhur. 7 no. 11 1214-1217 N '62.

ACETYLENEDICARBOXYLIC ACID

Theory of nucleophilic additions Part 9 Addition of hydrogen bromide to acetylenedicarboxylic ester by active reagents from lithium bromide solutions in acetic acid. G F. Dvorko, E. A. Shilov Ukr. khim. zhur 28 no 9 1073-1079 '62.

ACHROMATISM

Chromatic aberration of the eye. IU. M. Salchenko. Priroda 51 no. 12:110 D '62.

ACIDS

Hydrogen exchange of nonbenzenoid (ferrocene) aromatic systems. Report No. 1: Hydrogen exchange of ferrocene and mono- and diacetylferrocene with acids. A N Nesmeianov and others. Izv. AN SSSR Otd khim. nauk no. 11:1932-1936 N '62.

ACIDS, FATTY

Characteristics of organic acids in the cavity of the stomach, P. G. Kandiletis. Med. zhur. Uzb. no. 3: 43-45 Mr '62.

Effect of a diet with a low content of essential fatty acids and vitamin B_6 on the secretion of phospholipids and enzymes in the intestine [with summary in English]. I. B. Kuvaeva. Vop. pit. 21 no. 4 30-35 Jl-Ag '62.

Effect of the method of liquid paraffin oxidizing on the yield and quality of the obtained fatty acids. P G Igonin and others. Masl.-zhir. prom. 28 no. 11:20-23 N '62.

ACIDS, ORGANIC

Content of some organic acids in plums, E. D. Zelenskaia. Nauch. trudy Ukr. nauch.-issl. inst. sad. no. 38: 179-184 '62.

Interaction of ions and molecules of some acids with cyclohexanol. V I, Dulova, A. A. Kist, V. B. Leont'ev. Izv vys uch zav khim [illegible] 9, 4:570-574

ACROLEIN

Preparation of 2-pyrone-5- and 2-pyrone-6-carboxylic acids via β,β-dichloroacrolein L. I. Zakharkin, L. P Sorokina. Izv AN SSSR. Otd khim nauk no. 11 2096-2097 N '62.

Synthesis of aldehydes of the acrolein series. M. I Farberov, G. S. Mironov, M A. Korshunov. Zhur. prikl. khim 35 no. 11. 2483-2491 N '62.

ACRYLAMIDE

Polyacrylamide is an efficient coagulation agent in papermaking. M. G. Sokolova, K. F. Shakh. Bum. prom. 37 no. 11 24-25 N '62.

ACRYLIC ACID

Mass transfer and structure-forming processes in the polymer-homologous series of polyacrylic acid and fractionated gelatin [with summary in English]. V A Kargin and others. Vysokom soed 4 no. 12 1881-1886 D '62

ACRYLONITRILE

Effect of a hydrodynamic regime on the polymerization of acrylonitrile. E. S. Roskin and others. Zhur. prikl. khim. 35 no. 10:2328-2332 O '62.

Interaction of dibenzenechromium (O) with acrylonitrile and the mechanism of polymerization of the latter [with summary in English] G. A Domrachev, G. A Razuvaev Vysokom soed 4 no 12:1822-1828 D '62.

ACRYLONITRILE—TOXICOLOGY

Toxicological characteristics of the polymer of acrylonitrile G V Lomonova Gig truda i prof zab 6 no 6 54-57 Je '62

ACTINOMETER

Determining the energy of optical radiation by means of selective receivers [with summary in English]. V. P. Ryachov, V. I. Veshchenko, V. F. Berdnikov. Ukr. fiz. zhur. 7 no. 11:1226-1230 N '62.

ACTINOMYCES

(see also subdivision under Uzbekistan)

Effect of some actinomycetes on wheat rhizosphere bacteria Report No 1 [with summary in English] K I Andriiuk, O V Vladymyrova Mikrobiol zhur 24 no 2:22-29 '62

Electron microscope observations on bacteriophagia in actinomyces [with summary in English]. T. F. Kuimova. Mikrobiologiia 31 no. 3.490-492 My-Je '62.

Isolation and properties of some antibiotics-pigments from a culture fluid of strain No. 2814-31 of Act. prunicolor [with summary in English]. D. M. Trakhtenberg and others. Antibiotiki 7 no. 9:776-783 S '62.

Studying the mechanism of recombination in Actinomyces rimosus [with summary in English]. S. Z. Mindlin, S. I Alikhanian, L. I. Murav'eva. Mikrobiologiia 31 no. 3 443-448 My-Je '62.

Studying the physiological characteristics of the Actinomyces rimosus mutant LC-T-572 in relation to the biosynthesis of oxytetracycline [with summary in English]. Z M. Zaitseva, N. V. Orlova. Mikrobiologiia 31 no. 3 449-453 My-Je '62.

ACTINOMYCETALES see subdivision under Armenia

ACTIVATION ANALYSIS see Radioactivation analysis

ACTIVITY COEFFICIENTS

Electric transfer of silver in copper, P. P. Kuz'menko, L. F. Ostrovskii. Izv. vys. ucheb. zav.; chern. met. 5 no. 11:146-149 '62.

ADAMOVKA DISTRICT—FEEDS

Feed production on virgin land; as exemplified by Adamovka District in Orenburg Province V. I. Aizenberg. Zhivotnovodstvo 24 no. 9 43-45 S '62

ADAPTATION (BIOLOGY)

Critical notes of a clinician on Seye's theory of the adaptation syndrome. D. S. Futer. Zhur. nevr. i psikh. 62 no. 8:1253-1261 Ag '62.

ADDING MACHINES see Calculating machines

ADDISON'S DISEASE

Paroxysmal myoplegia in Addison's disease. A. Kh. Shtremel'. Klin. med. no. 9:146-150 '62.

ADDITION REACTIONS

Kinetics and mechanism of the addition of mercuric chloride to acetylene derivatives in methanol solution. Report No. 1 G. F. Dvorko, E. A. Shilov. Ukr. khim zhur. 28 no 7:833-841 '62

Reactions of nitriles with hydrogen halides and nucleophilic reagents. E. N. Zil'berman. Usp. khim 31 no. 11: 1309-1347 N '62.

Theory of nucleophilic additions. Part 9: Addition of hydrogen bromide to acetylenedicarboxylic ester by active reagents from lithium bromide solutions in acetic acid. G. F. Dvorko, E. A. Shilov. Ukr. khim. zhur. 28 no. 9.1073-1079 '62.

ADENINE

Inclusion of tagged amino acids and adenine-8-C14 in nucleotide peptides of baker's yeast (Sacch. cerevisiae). M. K. Veinova, N. M. Sisakian. Dokl. AN SSSR 147 no. 3:731-734 N '62.

ADHESION

Adhesion of galvanic coatings to an electromagnetic [illegible] N. A. Marichenko, I N. Gladkii, Z. S. Rubes [illegible] prikl. khim. 35 no 11 2145-2148 N '62.

ADHESIONS (ANATOMY)

Histotopographical structure of the blood vessels in inflammatory adhesions of the pleura. V. V. [illegible] Med. zhur. Uzb. no. 3.48-54 Mr '62.

ADHESIVES

Adhesives for fusing concrete and "plastic" concrete structures in underground construction. K. D. [illegible] S. V. Vasil'eva. Shakht. stroi. 6 no. 11 14-16 N '62

Spot welding with use of adhesives for the rubber base of ship structures. V. P. Bochkarev. Sudostroenie no. 12 35-37 D '62.

ADHESIVES—TESTING

Effect of various factors on the adhesive properties of synthetic latexes. V. M. Ustinova. Nauch. issl. in-t TSNIKP no. 32:87-95 '60.

ADIPOSE TISSUES

Characteristics of the lipolytic activity of fatty tissue [with summary in English]. N. K. Davtian. Biul. eksper. biol. i med. 54 no. 11:63-64 N '62.

ADMINISTRATION OF JUSTICE see Justice, Administration of

ADMINISTRATIVE LAW

Moscow. Universitet. Kafedra administrativnogo i finansovogo prava. [Soviet administrative law (general part)] Sovetskoe administrativnoe pravo (obshchaia chast'). Moskva, Gosiurizdat, 1962. 301 p.

ADRENAL CORTEX

Eosinopenic reaction (Thorn'n test) and the [illegible] 17-ketosteroids in attacks of bronchial asthma [illegible] sen (with summary in English). [illegible] trila 41 no. 9:54-56 S '62.

ADRENAL GLANDS

Parallel changes in the structure of adrenal glands, ovaries, and the uterus in cows. O. M. Leontovich. Visnyk sil'skogosp. nauky 5 no. 10:112-114 O '62

ADRENAL GLANDS—TUMORS

Adrenal pheochromocytomas and pheochromoblastomas E. A. Dombrovskaia. Urologiia no. 5:51-[illegible]

ADRENALINE

Effect of adrenaline and noradrenaline on the [illegible] excretory activity of the hypothalamic-pituitary-[illegible] system [with summary in English]. A. A [illegible] Vop. bioklim. 2:39-45 '61.

Modification of Shaw's method for determining [illegible] linelike substances in a small quantity of bl[illegible] Matlina. Lab. delo 8 no. 5:26-30 My '62

ADRENOCORTICOTROPIC HORMONES see ACTH

ADSORPTION

Adsorption of aliphatic amines on alumina and silica S. Aktanova, A. V. Kiselev, IU. A. Pletnev. Izv. AN SSSR, Otd. khim. nauk no. 11:1939-1944 N '62

Adsorption of methylcyclohexene from solutions at elevated temperature. I. V. Smirnova and I. Sadkova. Dokl. AN SSSR 147 no. 3:660-662 N '62.

Adsorption of thiophene in heptane from solutions on silica gel, aluminum oxide, and by the [illegible] 5A and 13X. A. V. Kiselev, V. N. Semenova, [illegible] tekov. Kin. i kat. 3 no. 6:937-941 N-D '62

Effect of the structure of a double layer on the [illegible] tive and catalytic properties of nickel and platinum. G. D Zakumbaeva. Trudy Inst. khim. nauk AN Kazakh SSR 8:73-80 '62.

Kinetics of the adsorption process in a continuous [illegible] column with a fluid-adsorbent bed. V. V. Ka[illegible], V. [illegible] Lepilin, P. G. Romankov. Zhur. prikl. khim. [illegible] 2241-2246 O '62.

Studying the adsorption and electrokinetic characteristics [illegible] of sulfite and sulfate cellulose in relation to [illegible] salt solutions. V. I. Ur'ev, S. S. Pozin, G. M. [illegible] khina. Trudy LTA no. 9t. 11-20 '60.

Theory of chemisorption on polar crystals. [illegible] Kin. i kat. 3 no. 6:907-914 N-D '62.

ADULT EDUCATION see subdivision under Ukraine

ADVERTISING see subdivision under Guinea

ADZHARISTAN—POLITICS AND GOVERNMENT

In a rural region of Georgia. G. Mazmanishvili [illegible] deput. trud. no. 12:40-51 D '62.

ADZ'VA VALLEY—VEGETATION AND CLIMATE

Vegetation of the lower and central parts of the Adz'va Valley and the limestone outcrops of the Pymvash and the Yunkoshor A. N. Lushchekova Izv. Vses. [illegible] ii Geog. ob-va SSSR no 7:72-81 '62

AEGVIDU—GUIDEBOOKS

Saar, Asmu. [Aegviidu-Nõlljarve. Translated from the Estonian] Aegviidu-Nõlljarve. Tallinn, Eesti raamat gos. izd-vo, 1959. 50 p.

AERATION OF WATER see Water—Aeration

AERIAL PHOTOGRAMMETRY

Adjusting triangulation nets from photographs constructed on the SPR-2 stereoprojector. V. V. Volkov Geod. i kart. no 4:43-48 Ap '62.

Akademiia nauk SSSR. Pochvennyi institut imeni V. V. Dokuchaeva. [Methods for making large-scale soil maps using materials of aerial photography] Metodika sostavleniia krupnomasshtabnykh pochvennykh kart s primeneniem materialov aerofotos"emki Moskva, Izd-vo Akad. nauk SSSR, 1962. 114 p.

Bridging on SD-1 stereographs. O. V. Portnova. Geod. i kart. no. 10:20-34 O '62.

Determining the camera height. I. F. Kushtin Geod. i kart. no 3 39-42 Mr '62.

Initial data for determining heights on a stereotopometer. V. A. Bratkovskii. Geod. i kart. no. 11 25-33 N '62

Mechanical altimeter for SD stereographs K. S. Sergeeva Geod i kart no. 3 42-45 Mr '62

Methodology of performing a stereotopographic survey at a 1:25,000 scale in desert and sandy regions N P. Kozhevnikov and others. Geod. i kart no 4:36-40 Ap '62

Possible variations in constructing plane photogrammetric nets in surveying with aerial photographs in two scales. V V. Pervozvanskii Geod. i kart no 1: 40-42 Ap '62.

Some reasons in favor of using a photographic scale of 1 : 2500 instead of 1 :2000. L. A. TSvetkov Geod i kart no. 3:46-48 Mr '62

Urmakher, L. S. [Optics of photographic and aerial photogrammetric instruments] Optika fotograficheskikh i aerofotogrammetricheskikh priborov. [n p.] Izd-vo geodez. lit-ry, 1962. 215 p.

Use of low-scale aerial photographs in establishing surveying nets in high-mountain regions A. G. Vanin Geod i kart. no 3:32-39 Mr '62

AERIAL PHOTOGRAMMETRY—BIBLIOGRAPHY see Bibliography—Aerial photogrammetry

AERIAL PHOTOGRAMMETRY—LABOR PRODUCTIVITY

Methods of calculating labor productivity in carrying out aerial photographic surveys. I. N. Rychkov. Geod i kart. no. 11:51-53 N '62.

AERIAL SPORTS

Competitions of Russian parachutists. P. Korzinkin. Kryl. rod. 13 no. 11:24 N '62.

If conditions should become more complicated. V. Vavilov. Kryl. rod. 13 no. 11:20-21 N '62.

It is wonderful to live in the Soviet country. V. Denigina. Kryl. rod. 13 no. 11:4 N '62.

My first steps in aeronautics. V. IAkhnitsa. Kryl. rod. 13 no. 11:4 N '62.

Skill and will to win. I. Sukhomlin. Kryl. rod. 13 no. 11:3 N '62.

The skill grows with competitions. I. Lisov. Kryl. rod. 13 no. 11:22-23 N '62.

Sport belongs to people. V. Kokkhaki. Kryl. rod. 13 no. 11:2-3 N '62.

Under a lucky star. V. Loichikov. Kryl. rod. 13 no. 11:3 N '62.

AERODYNAMICS

Effect of atmospheric turbulence on an airplane with elastic wings. IU. M. Romanovskii, S. P. Strelkov. Trudy inst. fiz. atm. no. 4 257-266 '62.

Heat transfer in the vicinity of the front edge of an infinitely long cylinder inclined to the flow in a dissociated air flow. G. A. Tirskii. Izv. AN SSSR. Otd. tekh. nauk. Mekh. i mashinostr. no. 6:125-130 N-D '62.

Lobedev, A. A., and L. S. Chernobrovkin. [Dynamics of the flight of pilotless aircraft] Dinamika poleta bespilotnykh letatel'nykh apparatov. Pod red. A. A. Lebedeva. Moskva, Oborongiz, 1962. 548 p.

AERODYNAMICS, HYPERSONIC

Using the method of a shock layer in problems of hypersonic flow about thin blunt bodies. V. V. Lunev. Izv. AN SSSR. Otd. tekh. nauk. Mekh. i mashinostr. no. 6: 146-147 N-D '62.

AERODYNAMICS, SUPERSONIC

Kinetics of chemical reactions in the case of expanding air [with summary in English]. N. M. Kuznetsov. Inzh.-fiz. zhur. 5 no. 6:97-101 Je '62.

Supersonic flow about a flat triangular plate. D. A. Mel'nikov. Izv. AN SSSR. Otd. tekh. nauk. Mekh. i mashinostr. no. 6:33-39 N-D '62.

AERONAUTICS—COMPETITIONS

For the V. P. Chkalov Cup. S. Ignat'ev. Kryl. rod. 13 no. 11:6-7 N '62.

AERONAUTICS—FLIGHTS

Isakov, P. K., and R. A. Stasevich. [Speed, acceleration, weightlessness; some problems in physics and physiology in connection with atmospheric and space flights] Skorosti, uskoreniia, nevesomost'; nekotorye voprosy fiziki i fiziologii primenitel'no k poletam v atmosfere i kosmicheskom prostranstve. Izd. 2., perer. i dop. Moskva, Voenizdat, 1962. 148 p. (Nauchno-populiarnaia biblioteka voennogo izdatel'stva)

AERONAUTICS—PERIODICALS

Readers' conferences. Kryl. rod. 13 no. 11:17 N '62.

AERONAUTICS—SOCIETIES, ETC.

Review of the patriotic activity of the society. K. Kulakov. Kryl. rod. 13 no. 11:5 N '62.

AERONAUTICS—STUDY AND TEACHING

In the higher aviation school. IA. Shwarisman. Kryl. rod. 13 no. 11:15-17 N '62.

AERONAUTICS, COMMERCIAL—LAWS AND REGULATIONS

Snigireva, I. O. [Special benefits for the personnel of the Soviet commercial airlines] L'goty rabotnikam grazhdanskogo vozdushnogo flota. Moskva, Gosiurizdat, 1962. 75 p. (L'goty po sovetskomu zakonodatel'stvu)

AERONAUTICS IN AGRICULTURE
(see also subdivision under Kuban, Tatar A.S.S.R., Ukraine)

Detection of locusts from the air. E. P. TSyplenkov. Zashch. rast. ot vred. i bol 7 no 6:43-45 Je '62

First aerial expedition in the control of locust. P. A. Sviridenko. Zashch. rast. ot vred. i bol. 7 no. 4:18-19 Ap '62.

Forty years in the service of agriculture. V. A. Nazarov. Zashch. rast. ot vred. i bol. 7 no. 4 14-17 Ap '62.

Improve the quality of aerial dusting. A. V. Funikov. Zashch. rast. ot vred. i bol. 7 no. 8,16 Je '62.

Investigating water vole populations of land tracts from an airplane. P. A. Panteleev. Zashch. rast. ot vred. i bol. 6 no. 8:43-44 Ag '61.

"Pchelka", a new airplane. IU. N. Zashch. rast. ot vred. i bol. 7 no. 6:23-24 Je '62.

Possibilities of using helicopters in plant protection S. G. Starostin Zashch rast ot vred. i bol. 7 no 8 17-19 Ag '62.

Practices in aerial chemical control of the water vole. S. M. Ostavhov, V. I. Braul. Zashch. rast. ot vred. i bol. 5 no. 2:10 F '60.

AERONAUTICS IN METEOROLOGY

Measurements of turbulence performed in test airplanes E. I. Sofiev Meteor i gidrol no. 12 44-45 D '62.

AEROSOLS

Nomograms for aerosol treatment. A. A. Lapan. Zashch. rast. ot vred. i bol 7 no 8 43-44 Ag '62.

AEROSPACE TELEMETRY

Problems of biological telemetry [with summary in English]. V. V. Parin, R. M. Baevskii, O. G. Gazenko. Probl. kosm. biol. 1:101-117 '62.

AEROTHERAPY

Some data on the use of oxyhemometry for the comparative evaluation of the effectiveness of oxygen and aerotherapy in the children's clinic [with summary in English]. E. S. Ermakov. Pediatriia 41 no. 8:50-54 S '62.

AEROTHERMODYNAMICS

Raikov, L. G. [Heating of air craft in flight] Nagrev letatel'nykh apparatov v polete. Moskva, Voenizdat, 1962. 97 p. (Za voenno-tekhnicheskie znaniia)

AESTHETICS

Art and the harmonious development of personality [with summary in English]. K. M. Il'ichev. Vest. LGU 17 no. 23:44-56 '62.

"Chernyshevskii's views on aesthetics" by A. P. Belik; "N. G. Chernyshevskii" by B. Riurikov. Reviewed by A. Lavretskii. Vop. lit. 6 no. 11:212-217 N '62.

Dmitrieva, N. A. [On the beautiful] O prekrasnom. Moskva, Gos. izd-vo "Iskusstvo", 1960. 93 p. (RPB)

Konkin, S. S. [Philosophic and aesthetic attitude of the periodical "Russkoe slovo" from 1863 to 1866] Filosofsko-esteticheskaia pozitsiia zhurnala Russkoe slovo v 1863-1866 gody. Sterlitamak, Sterlitamakskii gos. pedagog. in-t, 1961. 49 p. (MH)

Kornienko, V. S. [The nature of aesthetic cognition] O sushchnosti esteticheskogo poznaniia. Novosibirsk, Izd-vo Sibirskogo otd-niia AN SSSR, 1962. 174 p.

Two forms of the aesthetic in objective reality. P. L. Ivanov. Vop. filos 16 no. 12,47-58 '62.

What is meant by style? A. Burov. Vop lit. 6 no. 11: 84-97 N '62

AESTHETICS—STUDY AND TEACHING

Rozhdestvenskii, B. P., G. A. Petrova, and T. V. Shuritakova. [Aesthetic training of secondary school children in out-of-school work] Esteticheskoe vospitanie uchashchikhsia srednei shkoly vo vneklassnoi rabote. [Kazan'] Izd-vo Kazanskogo univ., 1960. 408 p. (CU)

AFFORESTATION
(see also subdivision under Don Basin; Don Valley; Ukraine; Volgograd Province; Zolotoye region)

Experimental pine sowing and planting in the Vetluga-Unzha Forest Working Circle. N. M. Nabatov. Izv. vys. ucheb. zav.; les. zhur. 4 no. 5:5-10 '61.

The MLTI forest seeder. G. P. Il'in. Trakt. i sel'khozmash 32 no 9:35 S '62

Over-all mechanization of afforestation on mountain slopes I A. Mironov, A A Ponomareva Les khoz. 15 no 7 55-56 Jl '62

AFGHANISTAN—AGRICULTURE—ECONOMIC ASPECTS

"Development of capitalist relations in the agriculture of Afghanistan" by A D Davydov Reviewed by M. G Pikulan, A IA. Sokolov. Obshchestv. nauki v Uz 6 no 10 71-72 '62

AFGHANISTAN—PINK BOLLWORM

Laboratory for studying the pink bollworm in Afghanistan. E. A. Borovkov Zashch rast ot vred i bol. 7 no 8 51-52 Ag '62

AFGHANISTAN—ROADS—BUILDINGS AND STRUCTURES

Service buildings for highways in Afghanistan. V. Evstigneev. Arkhit. SSSR no. 11:25-26 '62.

AFLATUNIA see subdivision under Dzungarian Ala-Tau

AFRICA—COLONIES

Professor Kimble acts against his conscience. E. Konovalov. Mir. ekon. i mezhdunar. otn. no. 12:95-97 D '62.

AFRICA—COMMERCE

"Common Market," a danger for Africa. T. Serezhin. Az. i Afr. seg. no. 12:56-57 D '62.

AFRICA—DESCRIPTION AND TRAVEL

A film which makes a warning. E. Dolmatovskii. Isk. kino no. 12,37-39 D '62.

AFRICA—ECONOMIC CONDITIONS

"African socialism," I. Potekhin. Mezhdunar. zhizn' 10 no. 1 99-104 Ja '63.

Sun and clouds over Africa. Sv. Ivanov. Ukraina no. 20: 18-19 O '62.

AFRICA—ECONOMIC POLICY

"Africa alone" [in French] by Charles Henri Favrod. Reviewed by V. Rybakov. Mezhdunar. zhizn' 10 no. 1: 161-164 Ja '63.

AFRICA—ENGLISH COLONIES

From the history of British colonialism in West Africa. S R Kim Vop ist no. 12 176-177 D '62.

Bourgeois ethnographers on the state of Bali. S. R. Usakovskaia. Vop. ist. no. 11:200-201 N '62.

AFRICA—FOREIGN ECONOMIC RELATIONS

All Africa will be free! S. Datlin. Az. i Afr. seg. no. 12: 2-5 D '62.

AFRICA—FOREIGN ECONOMIC RELATIONS—RUSSIA

Soviet-African friendship. F. Seiful'-Mulukov. Agitator no. 12 28-29 Je '62.

AFRICA—HISTORY

"The October Revolution and the historical fate of the African and Asiatic peoples [with summary in English, pp. 219-220]. G. F. Kim. Vop. ist. no. 11 21-32 N '62.

AFRICA—LAND TENURE

Transformation of the African village. N. Gavrilov. Az. i Afr. seg. no. 12:13-15 D '62.

AFRICA—MAPS

Thirty-three banners of independence. Az. i Afr. seg. no. 12:6-7 D '62.

AFRICA—POLITICS

"Africa alone" [in French] by Charles Henri Favrod. Reviewed by V. Rybakov. Mezhdunar. zhizn' 10 no. 1: 161-164 Ja '63.

"Africa, black or red?" [in German] by F. Schatten. Reviewed by IU. Koshelev. Az. i Afr. seg. no. 12:61-63 D '62.

"African socialism." I. Potekhin. Mezhdunar. zhizn' 10 no. 1:96-104 Ja '63.

All Africa will be free! S. Datlin. Az. i Afr. seg. no. 12:2-5 D '62.

An obscure story. I. A. Nov. vrem. 20 no. 52:25 D '62.

Dedicated to Africa; book reviews. V. Tokhtan. Az. i Afr. seg. no. 12:58-59 D '62.

AFRICA—RELATIONS (GENERAL) WITH WESTERN GERMANY

A week of hypocrisy. A. Timoshkin. Az. i Afr. seg. no. 12:57 D '62.

AFRICA—UNDERDEVELOPED AREAS

The future of Africa. Seku Toure. Az. i Afr. seg. no. 12:8-11 D '62.

AFRICA, WEST—ARCHITECTURE AND CLIMATE

Residential construction in hot countries; examples from countries of West Africa and India. I. N. Filippovich. Opyt zarub. strol. no. 5:103-155 '62.

AFRICAN LITERATURE

"African and Malgache anthology" [in French] compiled by Langston Hughes and Christiane Reygnault. Reviewed by G. Potekhina. Az. i Afr. seg. no. 12,51 D '62.

AGAR
Agar-tissue preparation for the stimulation of animal fattening M. A. Makarov, S. I. Solov'ev Zhivotnovodstvo 24 no. 9 35-36 S '62

AGDAM DISTRICT—GRAPES—VARIETIES
Agrobiologic studies on basic standard grape varieties in Agdam District. N. I. Agaeva. Trudy Azerb. nauch.-issl. inst. sad., vin. i subtrop. kul't. no. 5: 107-111 '62.

AGE
Age craniology of the fox (Vulpes vulpes L.) A. B. Markina Trudy Biol. inst. Sib. otd. AN SSSR no. 8 171-179 '62.

AGED
Causes of death among middle aged and aged subjects. A. I. Zikeeva, A. IA. Khatakeles Zdrav. Kazakh. 22 no. 3 33-39 '62

AGED—CARE AND HYGIENE
Askerov, A. A., and E. I. Kovalev. [Medical control of physical exercises for elderly subjects] Vrachebnyi kontrol' pri zaniatiiakh fizicheskimi uprazhneniiami v starshem vozraste. Moskva, Medgiz, 1962. 130 p. (DNLM)

AGGLUTININS
Effect of pentoxyl and levomycetin and their combinations on agglutinin formation in experimental immunization with typhoid vaccine [with summary in English] B. IU. Kalinin Antibiotiki 7 no. 9 790-794 S '62.

AGGREGATES
Inverse problems of the additive theory of numbers Part 7. Addition of finite sets. Section 4 Method of trigonometric sums. G. A. Freiman. Izv. vys. ucheb. zav., mat. no. 6 131-144 '62.
On the stability of motion of systems having more than one equilibrium position. A. Kh. Gelig. Dokl. AN SSSR 147 no. 3:526-528 N '62.

AGGREGATES (BUILDING MATERIALS)
(see also subdivision under Elektrostal'; Karaganda; Tkibuli)
Analysis of planned designs of enterprises for the production of agloporite A. N. Kreindlin, A. S. Feinshmidt Sbor. trud. VNIINSM no. 6 201-214 '62.
Armianskii nauchno-issledovatel'skii institut stroitel'nykh materialov i sooruzhenii. [Production of natural stone wall materials and lightweight aggregates] Proizvodstvo prirodnykh kamennykh stenovykh materialov i legkikh zapolnitelei, sostoianie i perspektivy razvitiia. Moskva, Gosstroiizdat, 1962. 211 p.
The effect of carbonate inclusions in the raw material on the quality of agloporite. B. N. Vinogradov. Sbor. trud. VNIINSM no. 6:18-24 '62.
Effectiveness of using agloporite IA. Sh. Shtein. Sbor. trud. VNIINSM no. 6:188-190 '62.
Phase composition and structure of agloporite. B. N. Vinogradov. Sbor. trud. VNIINSM no. 6:167-180 '62.
The problem of the method of testing and choosing raw material for the production of agloporite S. G. Vasil'kov, M. P. Elinzon Sbor. trud. VNIINSM no. 6 5-17 '62.
Production of agloporite from lean clayey rock in the White Russian S. S. R. L. K. Petrov, Kh. R. Grinshtein, IA. A. Furman Sbor. trud. VNIINSM no. 6 136-150 '62
Properties of agloporites and concretes made with them. IA. Sh. Shtein, V. P. Starostina Sbor. trud. VNIINSM no. 6 181-187 '62
Some problems of the technology of producing agloporite from clay raw material V. S. Bureiko, Kh. R. Grinshtein, R. L. Khodskaia Sbor. trud. VNIINSM no. 6 159-166 '62.

AGING
Dynamics of the changes in the lability of the neural processes in the rabbit during ontogenesis [with summary in English]. G. A. Obrazisova. Zhur. vys. nerv. deiat. 12 no. 1:155-160 Ja-F '62.

AGREEMENTS see Contracts

AGRICULTURAL ADMINISTRATION
(see also subdivision under Azerbaijan, Kuybyshev Province, Melitopol' region, Ryazan Province, Tashkent Province; Vinnitsa Province; Volgograd region, Zagorsk District; Zen'kov Province, Zhitomir)
Well-chosen path of the economic development of our country. Sov. deput. trud. no. 12:3-8 D '62.

AGRICULTURAL CHEMICALS
Bobrovskii, P. A. [Effectiveness of the chemicalization of agriculture] Effektivnost' khimizatsii sel'skogo khoziaistva. Moskva, Sel'khozizdat, 1962. 141 p. (DNAL)
More rigorous control of the quality of poisonous chemicals. G. A. Chigarev Zashch. rast. ot vred. i bol. 7 no. 8:13-14 Ag '62.
Nomograms for determining the amounts of poisonous chemicals. G. P. Sannikov. Zashch. rast. ot vred. i bol. 7 no. 8:40-41 Je '62.
Simple methods for identifying poisonous chemicals (to be continued) N. G. Berin, R. E. Sokolovskaia Zashch. rast. ot vred. i bol. 7 no. 8 41-43 Ag '62

AGRICULTURAL CHEMICALS—SAFETY REGULATIONS
Restrictions in the use of DDT. Zashch. rast. ot vred. i bol. 6 no. 8 41 Ag '61.
Sanitary regulations on the storage, transportation, and application of poisonous chemicals in agriculture Zashch. rast. ot vred. i bol. 7 no. 2 33 F '62.

AGRICULTURAL CHEMISTRY
(see also subdivision under Orenburg Province)
Chemistry in agriculture. N. Fedorenko. Part. zhizn' no. 24:34-40 D '62.
A widespread use of chemistry in agricultural production. N. Baranov. Ekon. sel'khoz. 33 no. 11 50-63 N '62.

AGRICULTURAL CREDIT
Improve the methods of issuing credit to agricultural enterprises. P. M. Mikhailov. Uchet i fin. v kolkhoz. i sovkhoz. 19 no. 12:29-30 D '62.

AGRICULTURAL EDUCATION see subdivision under Volgograd Province

AGRICULTURAL IMPLEMENTS see subdivision under Latvia

AGRICULTURAL JOURNALISM see Journalism, Agricultural

AGRICULTURAL LAWS AND LEGISLATION
Criminal violation of agricultural laws and regulations according to the criminal code of the R. S. F. S. R. P. Nekipelov Sov. iust. no. 23 18-21 D '62.

AGRICULTURAL MACHINERY
(see also subdivision under Mogilev Province, Moldavia)
Agricultural machinery should be handled with great care Tekh. v sel'khoz. 22 no. 10:1-5 O '62.
Automation of the work processes of agricultural machinery and tractor devices. V. A. Fedorov Trakt. i sel'khozmash. 32 no. 9 22-23 S '62.
Calculated life of the parts and assembly units of agricultural machinery. A. A. Gafanovich Trakt. i sel'khozmash. 32 no. 9 42-45 S '62
A concern of the whole Soviet people. M. P. Novikov. Trakt. i sel'khozmash. 32 no. 9.1-4 S '62.
Development of the mechanization of processing retted flax straw in the U. S. S. R. B. M. Baranov Trudy VNIIL no. 4 203-218 '55.
Efficiency promoters are reporting. Sel'. mekh. no. 10: 30 '62.
From the correspondence with our readers. Sel' mekh. no. 10.44 '62.
GAN-6 "Urozhai", a universal machine. Z. I. Piskozub, V. P. Chaiyi. Zashch. rast. ot vred. i bol. 7 no. 2: 15-16 F '62
Good initiative. V. Serov. Tekh. v sel'khoz. 22 no. 10: 89 O '62.
A KUt-3, 0 feed spreader. M. A. Makarov. Trakt. i sel'khozmash. 31 [i. e. 32] no. 11:30 N '62.
Kruglinkov, M. L. [Mechanization of the preparation and application of fertilizers] Mekhanizatsiia podgotovki i vnesenila udobrenii. 2. izd., dop. i ispr. Moskva, Sel'khozizdat, 1961. 302 p. (Uchebniki i uchebnye posobiia dlia podgotovki sel'skokhoziaistvennykh kadrov massovoi kvalifikatsii)
(DNAL)
Machinery for postharvest processing of potatoes. N. N. Kolchin Trakt. i sel'khozmash. 32 no. 9:27-28 S '62
Make greater use of progressive work experience. N. Manukov. Tekh. v sel'khoz. 22 no. 10:87 O '62.
More about the circular roller. Tekh. v sel'khoz. 22 no. 10:83 O '62.
Orekhov, A. D., L. N. Musinov, and V. A. Kaufman. [New agricultural machines] Novye sel'skokhoziaistvennye mashiny; kratkii spravochnik. Izd. 2., perer. Moskva, Mashgiz, 1962. 279 p.
(DNAL)
Os'mak, I. T. [Machines for harvesting and ensilaging green fodder] Mashiny dlia uborki i silosovaniia zelenykh kormov. Moskva, Mashgiz, 1961. 106 p.
Overall mechanization of the cultivation of feed crops. P. Starikov, N. Chunarev. Tekh. v sel'khoz. 22 no. 10: 6-11 O '62.
Persistently improve the quality of agricultural machinery. A. Efimov. Tekh. v sel'khoz. 22 no. 10:83 O '62.
Problem concerning the use of by-pass clutches in agricultural machinery T. G. Nonieva. Trakt. i sel'khozmash. 32 no. 9:28-31 S '62.
A survey of Russian periodicals. Trakt. i sel'khozmash. 31 [i. e. 32] no. 11 48, p. 3 of cover N '62.
System of machines for cultivating ether and oil-bearing crops. A. Kliuchnikov, I. Rogochii, N. Marchenko Tekh. v sel'khoz. 22 no. 10:14-19 O '62.
The TPE-10 pneumatic conveyor. V. I. Serov. Trakt. i sel'khozmash. 32 no. 9:34 S '62.
Veterans. V. Riabtsev. Sel' mekh. no. 10:7 '62.
Work conversion coefficient (conclusion). Sel'. mekh no. 10:20-21 '62.

AGRICULTURAL MACHINERY—BIBLIOGRAPHY see Bibliography—Agricultural machinery

AGRICULTURAL MACHINERY—CONGRESSES
Conference on unification, standardization, and groupings in the manufacture of tractors and agricultural machinery. Trakt. i sel'khozmash. 32 no. 9:18 S '62

AGRICULTURAL MACHINERY—EQUIPMENT AND SUPPLIES
A device for counting wheel rotations. S. Shikanov Tekh. v sel'khoz. 22 no. 10:79-80 O '62.

AGRICULTURAL MACHINERY—MAINTENANCE AND REPAIR
(see also subdivision under Moldavia, Pavlovsk District, Altai Territory)
Makurin, N. D. [Wages in the repair shops of state agricultural enterprises] Oplata truda v remontnykh masterskikh gosudarstvennykh predpriiatii sel'skogo khoziaistva; spravochnik dlia rabochikh i inzhenerno tekhnicheskikh rabotnikov remontnykh masterskikh gosudarstvennykh sel'skokhoziaistvennykh predpriiatii. Moskva, Izd-vo M-va sel'. khoz. RSFSR, 1962. 134 p.
Protective lubrication. V. Kolesnikov and others. Sel' mekh. no. 10:36 '62.
"SOS" of collective farm machinery. A. Aginskii. Sov. iust. no. 22:27-28 N '62.
Surfacing by a weaving arc method. E. Utkinkii. Sel'. mekh. no. 10 39-40 '62.

AGRICULTURAL MACHINERY—SAFETY APPLIANCES
(see also subdivision under Latvia)
Costly "trifles." V. Mikhailova. Sov. profsoiuzy 16 no. 23:11-12 D '62.

AGRICULTURAL MACHINERY—STUDY AND TEACHING see subdivision under Zernograd District

AGRICULTURAL MACHINERY—WELDING
A new efficient multiple-post welding system. N. G. Diurgerov, IU. L. Ishchenko, G. G. Grigor'ev. Trakt. i sel'khozmash. 31 [i. e. 32] no. 11:44-45 N '62

AGRICULTURAL MACHINERY INDUSTRY
(see also subdivision under Rostov-on-Don; Rostov Province)
Means for decreasing production costs by improving transportation and storage operations. I. D. Karpov Trakt. i sel'khozmash. 31 [i. e. 32] no. 11 41-43 N '62.
Toward new achievements in the agricultural machinery industry. Trakt. i sel'khozmash. 31 [i. e. 32] no. 11 1-2 N '62.

AGRICULTURAL MACHINERY INDUSTRY—ACCOUNTING
(see also subdivision under Rostov)
Tarbeev, A. A. [Book of completed blanks and documents for November and December for the continuing operations of the "Agricultural Machinery Plant."] Al'bom zapolnennykh blankov, dokumentov za noiabr' i dekabr' k ukvoznoi zadache "zavod Sel'mash." Moskva, Gosstatizdat, 1962. 243 p.

AGRICULTURAL MACHINERY INDUSTRY—PRODUCTION STANDARDS see subdivision under Gomel'

AGRICULTURAL MICROBIOLOGY
Role of micro-organisms in the production of flax and clover. E. I. Dudarev. Trudy VNIIL no. 4,162-167 '55

AGRICULTURAL PESTS
Forecast for 1962. IA. Potiakov. Zashch. rast. ot vred. i bol. 7 no. 2, 39-41 F '62

AGRICULTURAL POLICY
"The building of communism and the development of agriculture in the U. S. S. R." by N. S. Khrushchev Vol 3. Reviewed by B. Averchenko. Kommunist 39 no. 18 51-60 D '62.
Development of industry and agriculture is the most important part of the building of communism Kommunist 39 no. 18, 3-11 D '62
Gamaiunov, M. V. [Development of agriculture and social relations in a village] Razvitie sel'skogo khoziaistva i obshchestvennykh otnoshenii v derevne. Moskva, Ekonomizdat, 1962. 161 p.
Khrushchev, N. S. [The building of communism in the U. S. S. R. and the development of agriculture; in five volumes] Stroitel'stvo kommunizma v SSSR i razvitie sel'skogo khoziaistva; v piati tomakh. Moskva, Gospolitizdat,
Vol. 3. [January 1958-May 1959] IAnvar' 1958 g.-mai 1959 goda. 1962. 643 p.
Let us produce plenty of products for the people. Zashch. rast. ot vred. i bol. 7 no. 1:1-3 Ap '62.
Mezhvuzovskaia nauchnaia konferentsiia, Kuibyshev, 1960. [Problems in the new system of agricultural planning] Voprosy novogo poriadka planirovaniia sel'skogo khoziaistva; trudy. Kuibyshev, Kuibyshevskii planovyi in-t, 1961. 419 p.
Pankratov, I. F. [On further improvement in the management of agriculture. Based on the materials of the January (1961) Plenum of the Central Committee of the CPSU] O dal'neishem sovershenstvovanii rukovodstva sel'skim khoziaistvom. Po materialam ianvarskogo (1961 g.) Plenuma TsK KPSS. Moskva, Gos. izd-vo iurid. lit-ry, 1961. 51 p.
(CU)

AGRICULTURAL PRICES

The will of the party and of the people is identical. Agitator no. 12 3-7 Je '62.

AGRICULTURAL RESEARCH
(see also subdivision under Ukraine)

Development of agricultural research. Vest. AN SSSR 32 no. 12:92-95 D '62.

Materials of "Partiinaia zhizn'." Part zhizn' no. 24: 60 D '62.

Sun vitamins. IU. Polkovnikov. Ilin tekh. 7 no. 11:37-39 N '62.

AGRICULTURAL WAGES

Makurin, N. D. [Wages in the repair shops of state agricultural enterprises] Oplata truda v remontnykh masterskikh gosudarstvennykh predpriiatii sel'skogo khoziaistva; spravochnik dlia rabochikh i inzhenerno-tekhnicheskikh rabotnikov remontnykh masterskikh gosudarstvennykh sel'skokhoziaistvennykh predpriiatii. Moskva, Izd-vo M-va sel' khoz. RSFSR, 1962. 134 p.

AGRICULTURAL WORKERS
(see also subdivision under Donetsk, Lenino District)

Babonko, V. H. [Tractor operator is not the same anymore; essay on machinery operators on collective farms] Ne tot teper traktoryst, nai ye pro kolhospnykh mekhanizatoriv. [Kharkiv] Kharkivs'ke knizhkove vyd-vo, 1962. 71 p.
(DNAL)

Establishment of work norms in transportation operations. Kh. Pechonyi. Tekh. v sel'khoz. 22 no. 10 84-88 O '62.

Make greater use of progressive work experience. N. Manukov. Tekh. v sel'khoz. 22 no. 10:67 O '62.

Sabanchieva, R. K., and E. Sh. Belgorokova. [Khazratali Beslaneev, corn grower and machine operator] Kukuruzovod-mekhanizator Khazratali Beslaneev. Moskva, Izd-vo MSKh RSFSR, 1961. 13 p. (Trudovye podvigi molodykh mekhanizatorov)

[Value the honor of the Soviet toiler] Dorozhit' chest'iu sovetskogo truzhenika, sbornik statei. Moskva, Izd-vo "Pravda," 1962. 277 p.

Volivach, V. S. [Kalyna Derevenko's school] Shkola Kalyny Derevenko. Stanislav, Stanislavs'ko oblasne knyzhkovo-gazetne vyd-vo, 1962. 18 p. (My v svit komunizmu idemo)
(DNAL)

AGRICULTURE
(see also subdivision under Bulgaria, Caucasus, Northern, Central Black Earth region; Georgia; Iran; Kazakh Steppe; Krasnodar Territory, Kuban; Moscow Province; Ossetia, North, Saratov Province, Slovakia; Ukraine; Uzbekistan, Volga Valley, Vesil' region)

An all-round developed agriculture is an obligatory condition for the building of communism. P. Chaikin. Ekon. sel'kho. 33 no. 11 12-18 N '62.

A collective farm has reorganized the structure of planting acreage. G. V. Zadneprianets. Zemledelie 24 no. 7:22-26 Jl '62.

Kaval'chuk, H. P. [Grassland farming has not proved successful] Z travapollem nam ne pa daroze. Minsk, Dziarzh. vyd-va sel'skahaspadarchai lit-ry BSSR, 1962. 45 p. (Bibliiatochka poradavoha vopytu)
(DNAL)

New brochures issued by the State Publishing House of Agricultural Literature. Zhivotnovodstvo 24 no. 9: p. 3 of cover S '62.

Panfieva, O. P. [Beacons lights are shining] Svetiat maiaki. [Riazan'] Rinzanskoe knizhnoe izd-vo, 1961. 18 p.

The poster in the service of agriculture. V. Lugovisov. Sov. knizh. torg. 14 no. 11 27 '62.

Reflections on three books. S. A. Kudrin. Zemledelie 24 no. 7:94-96 Jl '62.

AGRICULTURE—ABSTRACTS

[Agriculture; classed index of articles in foreign periodicals] Sel'. khoz., sist. ukaz. st. v inostr. zhur. no. 8 '62.

AGRICULTURE—ACCIDENTS

Prevention and control of agricultural accidents is the chief task of surgeons employed in the agricultural industry. M. V. Volkov, A. M. Dvorkin. Khirurgiia 38 no. 10:3-6 O '62.

Until now no victims. L. Ermilov. Sel'. mekh. no. 10: 32 '62.

AGRICULTURE—ACCOUNTING
(see also subdivision Caucasus, Northern; Ukraine)

Accounting for aggregate working time on state farms and other state agricultural enterprises. Sots. trud. 7 no. 11:136-139 N '62.

In the Ministry of Finance of the U. S. S. R. Bukhg. uchet 10 no. 11:77-79 N '62.

In the State Committee on Problems of Labor and Wages of the Council of Ministers of the U. S. S. R. and the All-Union Central Council of Trade Unions. Sots. trud 7 no. 11:141-143 N '62.

Readers share their experience, suggest and advise. Uchet i fin. v kolkhoz. i sovkhoz. 10 no. 12:20-22 D '62.

Rewards according to the work performed. A. N. Strizhev. Uchet i fin. v kolkhoz. i sovkhoz. 10 no. 12:18-20 D '62.

AGRICULTURE—ACCOUNTING—BIBLIOGRAPHY see Bibliography—Agriculture—Accounting

AGRICULTURE—AUDIO-VISUAL AIDS see subdivision under Kagarlyk District

AGRICULTURE—AUDITING AND INSPECTION
(see also subdivision under Sverdlovsk Province)

First work results of regional government auditing offices. B. Kolpakov. Vest. stat. no. 11 30-37 '62.

AGRICULTURE—BIBLIOGRAPHY see Bibliography—Agriculture

AGRICULTURE—CONGRESSES

Sixth Plenum of the All-Union Council of Scientific Technological Societies. E. Klots. Zemledelie 24 no. 7 91-93 Jl '62.

AGRICULTURE—ECONOMIC ASPECTS
(see also subdivision under Afghanistan, Italy, Masuly District, Turkey, Ukraine, United States, White Russia)

"Against bourgeois theories on the agrarian problem" by B. P. Kuznetsov. Reviewed by N. Rydvanov. Polit. samoobr. 6 no. 12 118-120 D '62.

Methods for economic valuation of the components of a complex of agricultural practices. A. P. Varitsev. Izv. AN Mold. SSR no. 2 46-61 '62.

Radical changes in agricultural development. Ekon. sel'khoz. 33 no. 11 3-11 N '62.

AGRICULTURE—ECONOMIC ASPECTS—BIBLIOGRAPHY see Bibliography—Agriculture—Economic aspects

AGRICULTURE—EXPERIMENTATION

Movement of young researchers is expanding. L. P. Torgalo, A. A. Piontkovs'kyi, T. H. Kostets'ka. Rad. shk. 41 no. 9:50-53 S '62.

AGRICULTURE—FINANCE see subdivision under Krasnoyarsk Territory

AGRICULTURE—HYGIENIC ASPECTS

Utilization of industrial calisthenics in order to make the working day of agricultural workers more efficient during the harvest of vegetables. V. N. Tikhonov. Teor. i prak. fiz. kul't. 25 no. 9:36-39 S '62.

AGRICULTURE—LABOR PRODUCTIVITY

Bieliavin, F. K. [Party guidance of socialist competition in rural areas, 1953-1960] Partiine kerivnytstvo sotsialistychnym zmahanniam na seli, 1953-1960 rr. Kyiv, Gospolitizdat USSR, 1961. 69 p.

Brief news. Agitator no. 11:63 Je '62.

[Great strides toward communism; sketches, accounts, letters, and news stories on the traces of communism which are gradually changing the lives of Ukrainian workers] Shyrokym krokom - u komunizm; narysy, rozpovidi, lysty i publitsystychni notatky pro parosiky - komunizmu, iaki vce risanishe skhodiat' v zhitli trudiashchikh Ukrainy. Kyiv, Derzh. vyd-vo polit. lit-ry URSR, 1961. 517 p.

Hidden potentialities for increasing labor productivity in agriculture. V. Khlebnikov. Ekon. sel'khoz. 33 no. 11: 38-44 N '62.

Popov, M. V. [In the name of the 22d Congress of the CPSU] Imeni XXII z'izdu KPRS. Kyiv, Vyd-vo TsK LKSMU "Molod'," 1962. 61 p.

"Statistical groupings of collective and state farms based on labor productivity" by B. I. Braginskii. Reviewed by V. Sklias, M. Strukalin. Ekon. sel'khoz. 33 no. 11:120-123 N '62.

AGRICULTURE—MAPS

Using the dotted method to map branches of agriculture (practice followed in making maps for the Agricultural Atlas of the U. S. S. R.). G. P. Venevtseva. Geod. i kart. no. 4:57-61 Ap '62.

AGRICULTURE—STATISTICS

"General and agricultural statistics" by A. I. Lutsenko, M. G. Nazarov. Reviewed by B. Dubasov. Vest. stat. no. 11:57-59 '62.

Statistical indices of agricultural intensification. A. Libkind. Vest. stat. no. 11-38-44 '62.

AGRICULTURE—STUDY AND TEACHING
(see also subdivision under Germany, East)

"Economic geographical study of collective farms" by B. M. Sokolov. Reviewed by A. Shibanova. Geog. v shkole 25 no. 6:92 N-D '62.

Following the example of beacon lights. V. T. Dubyna. Rad. shk. 41 no. 9:33-35 S '62.

Work of rural school students on the conservation of nature. N. A. Rykov. Biol. v shkole no. 4:58-60 Jl-Ag '62.

AGRICULTURE—TAXATION see subdivision under China

AGRICULTURE, COOPERATIVE
(see also subdivision under Ghana, Israel; Rumania)

The ideas of the great Lenin are being put into practice. P. Garov. Ekon. sel'khoz. 33 no. 11:45-49 N '62.

International significance of Lenin's cooperative plan. N. Ganin. Ekon. sel'khoz. 33 no. 11:28-37 N '62.

AGRICULTURE, PRIMITIVE

Discussion of V. S. Titov's report. IU. S. Grishin. Krat. soob. Inst. arkheol. no. 88:25-26 '62.

The first communal division of labor. Ancient agriculture and cattle raising tribes. V. S. Titov. Krat. soob. Inst. arkheol. no. 88:10-25 '62.

AIR—ANALYSIS

Pumping system for mass spectrometric analysis of the atmosphere. O. K. Kostko, A. V. Fedynskii. Trudy TSAO no. 12 95-100 '62.

Possibility of using the method of electrical catches for measuring the mobilities and concentrations of charged particles in the atmosphere. IU. A. Bragin. Trudy TSAO no. 42,109-115 '62.

Rapid method of determining the concentration of hydrogen peroxide vapors in air. I. A. Mokhov, N. S. Mareva. Zhur. prikl. khim. 35 no. 11:2573-2574 N '62.

AIR—POLLUTION

"Pollution of air by cancerogenic substances" by L. M. Shabada, P. P. Dikun. Book review. Nauka i zhizn' 29 no. 10 44-46 O '62.

AIR—PURIFICATION

Use of foam apparatus for fine sanitary purification and removal of toxic carbon dust from air exiting from the adsorber with "fluidized" beds of sorbents. I. F. Zemskov, A. S. Stepanov, A. V. Melnikh. Zhur. prikl. khim. 35 no. 11:2467-2472 N '62.

Uzhov, V. N. [Sanitary protection of the atmosphere; the purification of industrial waste gases of harmful vaporous and gaseous admixtures] Sanitarnaia okhrana atmosfernogo vozdukha, ochistka vybrosnykh promyshlennykh gazov ot vredniykh parooobraznykh i gazoobraznykh primesei. Moskva, Medgiz.
Pt. 1. 1962. 121 p.
[MICROFILM]

AIR—THERMODYNAMIC PROPERTIES

Predvoditelev, A. S., and others. [Tables of the thermodynamic functions of air for temperatures from 200° to 6000°K and pressures from 0.00001 to 100 atm.] Tablitsy termodinamicheskikh funktsii vozdukha, dlia temperatur ot 200 do 6000°K i davlenii ot 0,00001 do 100 atmosfer. Moskva, Akad. nauk SSSR. Vychislitel'nyi tsentr, 1962. 267 p.

AIR, IONIZED—THERAPEUTIC USE

New data on air ionization in the biotion [with summary in English]. IU. A. Isakov. Vrach. delo no 12:110-113 D '62.

AIR COMPRESSORS

Sidorov, M. D. [Handbook on air and gas blowing machines] Spravochnik po vozdukhoduvnym i gazoduvnym mashinam. Moskva, Mashgiz, 1962. 257 p.

Type of compressor and compressor station for the mining industry. A. I. Dubrovskii. Nauch. trudy MGI no. 23:233-243 '58.

AIR CONDITIONING see subdivision under Soviet Central Asia

AIR CONDITIONING—EQUIPMENT AND SUPPLIES

In the Sanitary Engineering Research Institute of the Academy of Construction and Architecture of the U. S. S. R., room air conditioner connected into a system. Ved i san tekh no 11 36-37 N '62.

AIR-ENTRAINED CONCRETE

Designing the composition of air-entrained concrete with a given volumetric weight. A. S. Naumenko. Bet. i zhel.-bet. 8 no. 9 414-418 S '62.

Single-layer slab made of nonautoclaved air-entrained fly-ash concrete. B. Danilov and others. Strol. i arkhit. 10 no. 11.30-31 N '62.

AIR-ENTRAINED CONCRETE—TESTING

Properties of an air-entrained concrete mix and of air-entrained concrete before steaming. A. N. Krasheninnikov, E. O. Kesli. Bet. i zhel.-bet. 8 no. 9:418-422 S '62.

AIR FILTERS

Use of the multicyclic air filter of the SMD-14 engine. IU. Khlebnikov, V. Masv. Tekh. v sel'khoz. 22 no 10: 55-57 O '62.

AIR FLOW

Heat and mass transfer from differently shaped bodies to stationary and pulsating air flows [with summary in English]. V. F. Mironov. Inzh.-fiz. zhur. 5 no. 10,9-12 O '62.

Using the method of regular conditions in studying the heat transfer of a plate in forced turbulent flow [with summary in English]. A. I. Cheplina. Inzh.-fiz. zhur. 5 no. 6:88-92 Je '62.

AIR PILOTS

Our starting area. P. Popovich. Kryl. rod. 13 no. 11: 2 N '62.

AIR PREHEATERS

Use of a rotary air preheater. B. K. Naumov. Elek. sta. 33 no. 11:80-81 N '62.

AIRLINES—TIMETABLES

Russia (1923- U.S.S.R.) Glavnoe upravlenie grazhdanskogo vozdushnogo flota. [Timetable of airflights; international lines] Raspisanie dvizhenila samoletov; mezhdunarodnye linii [n p. Parallel texts in Russian and English]
Vol 1 [Summer 1962] Leto 1962 g 1962. 45 p. [PHOTOCOPY]

AIRPLANES

Raikov, L. G. [Heating of air craft in flight] Nagrev letatel'nykh apparatov v polete. Moskva, Voenizdat, 1962. 97 p (Za voenno-tekhnicheskie znanlia)

AIRPLANES—COST OF CONSTRUCTION

Consolidated methods of calculating expenses for the manufacture of new articles A V. Glichev Trudy MAI no 151 23-31 '62

Economic substantiation of variants in the design of parts and units O M. Parkhomenko Trudy MAI no 151 92-101 '62

Norms of labor consumption for the determination of the cost of experimental work. L. M. Mamicheva Trudy MAI no 151 85-91 '62

Preliminary determination of expenses for the manufacture of aircraft parts is an important economic problem S A Sarkisian. Trudy MAI no 151 3-7 '62

Some regularities and dependences for the preliminary determination of the cost of experimental specimens of light airplanes. I E Khavin. Trudy MAI no 151 60-67 '62

AIRPLANES—DESIGN AND CONSTRUCTION

Preliminary determination of labor consumption for the manufacture of a new article L. M. Kul'berg Trudy MAI no 151 78-84 '62

AIRPLANES—ELECTRONIC EQUIPMENT

Reznikov, G. B. [Aircraft antennas] Samoletnye antenny. Moskva, Sovetskoe radio, 1962. 455 p.

AIRPLANES—ENGINES

Determining labor consumption for the manufacture of engines I. K. Bersenev Trudy MAI no 151 68-77 '62.

AIRPLANES—ENGINES—COST

Preliminary determination of the cost of engines D E. Starik Trudy MAI no. 151 47-59 '62

Systematization of factors affecting the cost and norms for preliminary determination of the cost S. I. Didenko. Trudy MAI no. 151 32-46 '62.

AIRPLANES—MODELS
(see also subdivision under Ukraine)

Design of a high-speed airplane model. V. Ogorodov. Kryl.rod. 13 no. 11;26-27 N '62.

For airplane modelists. Kryl.rod. 13 no. 11 Insert N '62.

Victory of Soviet airplane modelists. A. Bolonkin, M. Lebedinskii. Kryl.rod. 13 no. 11:12-14 N '62.

AIRPLANES—RADIO EQUIPMENT

Reznikov, G. B. [Aircraft antennas] Samoletnye antenny. Moskva, Sovetskoe radio, 1962. 455 p.

AIRPLANES—ROCKET ENGINES

Alemasov, V. E. [Theory of rocket engines] Teoriia raketnykh dvigatelei. Moskva, Oborongiz, 1962. 476 p.

AKADEMGORODOK—ACADEMY OF SCIENCES OF THE U. S. S. R.

The scientific center in Novosibirsk. A. Nikolaev. Nauka i rel. 4 no. 12:14-15 D '62.

On the shore of the Ob'Sea. Nauka i rel. 4 no. 12:12-14 D '62.

AKHALKALAKI REGION—MAMMALS, FOSSIL

Vekua, A. K. [Lower Pleistocene fauna of mammals of Akhalkalaki] Akhalkalakskaia nizhnepleistotsenovaia fauna mlekopitaiushchikh. Tbilisi, Izd-vo Akad. nauk Gruzinskoi SSR, 1962. 206 p. [In Georgian with summary in Russian]

AKHTY-CHAY VALLEY—ROCKS, IGNEOUS—SPECTRA

Spectrochemical characteristics of igneous rocks in the Akhty-chay Basin. G. G. Bunin, B. A. Betyrov Trudy Geol. inst Dag fil AN SSSR 2 226-236 '60

AKHUNDOV, M. F. see Fath 'Ali, Akhund-zada, 1812-1878

AKSAKOV, SERGEI TIMOFEEVICH, 1791-1899

"S. T. Aksakov, his life and works" by S. Mashinskii. Reviewed by K. Pigarev. Vop. lit. 6 no. 10. 210-214 O '62.

AKSTAFA REGION—AZERBAIJANI LANGUAGE—DIALECTS

Lexical peculiarities of the Akstafa dialect [in Azerbaijani with summary in Russian]. T. B. Gamzaev Izv. AN Azerb. SSR. Ser obshchestv. nauk no. 9:47-56 '62.

AKTYUBINSK PROVINCE—ONIONS—VARIETIES

Agrobiologic study on the bulb onion in the semidesert zone of the northern Aral Sea region [with summary in English]. R. A Kurlatnikova Trudy po prikl. bot., gen. i sel. 34 no 2.156-165 '61

AKUSHA DISTRICT—SCHOOL ATTENDANCE

The girls have returned to their school. A. Akhmedkadiev. Sov. deput. trud. no. 11:50-51 N '62

ALA-TAU, DZUNGARIAN see Dzungarian Ala Tau

ALA-TAU, TALAS see Talas Ala-Tau

ALA-TAU, ZAILIYSKIY see Trans-Ili Ala-Tau

ALANINE

Disorders of phenylalanine metabolism in the "nuclear" group of schizophrenia [with summary in French]. I. A. Polishchuk. Zhur. nevr. i psikh. 62 no. 8:1102-1204 Ag '62.

ALAY RANGE—ARGALI

Argali in the northern spurs of the Alay Range [with summary in English]. R. N. Meklenburtsev. Zool. zhur. 41 no. 10 1588-1589 O '62.

ALAY RANGE—FIELD MICE

Abundance and distribution of Microtus carruthersi Thom. and Alticola argentatus Sev. in the Alay Range [with summary in English]. V. A. Kizilov. Zool. zhur. 41 no. 10 1580-1583 O '62.

ALBANIA, CAUCASIAN—HISTORY

"Albanian chronicle" by Mkhitha Gosh. Reviewed by A. A. Seid-Zade. Izv. AN Azerb. SSR. Ser. obshchestv. nauk no. 10 103-105 '61.

ALBEDO

Gamma-ray albedo of some radioactive isotopes [with summary in English]. U. Ulmanis Izv. AN Latv. SSR no 3.61-66 '61.

ALBINOS AND ALBINISM

Albinism in nutria. F. F. Aliev. Izv. AN Azerb. SSR. Ser. biol. i med. nauk no. 6:39-41 '62.

AL'BITSKII, BORIS PETROVICH, 1887-1962

B. P. Al'bitskii; obituary. I. A. Syromiatnikov and others. Elektrichestvo no. 12:88 D '62.

ALCOHOLATES

Catalytic carbonylation of aliphatic amines in the presence of alkali metal alcoholates. A. IU. Aliev, I. B. Romanova, L. Kh. Freidlin. Urb. khim. zhur. 6 no. 5: 75-83 '62.

ALCOHOLISM

Characteristics of the mental disorders in cerebral atherosclerosis in combination with alcoholism. G. M. Entin. Trudy Gos. nauch.-issl. inst. psikh. 25:47-74 '61.

Effect of sulfazin on higher nervous activity in patients with acute alcoholic psychoses. Kh A. Gasanov. Izv. AN Azerb. SSR. Ser. biol. i med. nauk no. 6:101-107 '62.

Treatment of alcoholism with nicotinic acid (vitamin PP). V. Kh. Ibragimov, A. S. Udovichenko Zdrav. Kazakh. 22 no. 3.30-33 '62.

ALCOHOLS

Broadening of the lines of anisotropic scattering and the structure of alcohols [with summary in English]. I. A. Chernlavskaia. Ukr. fiz. zhur. 7 no. 7:768-771 Jl '62.

Broadening of the scattering line in alcohols and affine homologous series and its relation to the scattering of electromagnetic waves [with summary in English]. M. F. Vuks, I. A. Chernlavskaia. Vest. LGU 17 no. 22: 45-51 '62.

Hydrogenation of dimethylethynylcarbinol on Ni/SiO_2 catalysts. N M. Popova. Trudy Inst. khim. nauk AN Kazakh. SSR 9:21-36 '62.

Hydrogenation of sperm whale oil over a fixed catalyst to produce higher alcohols. D. B. Orochkin and others. Zhur. prikl. khim. 35 no. 11:2504-2508 N '62.

Separation of mixtures of the higher alcohols and hydrocarbons by the extraction method. V. B. Kogan, T. S. Tolstova. Zhur. prikl. khim. 35 no. 10:2333-2335 O '62.

ALDAN PLATEAU—GEOLOGY, STRUCTURAL

Tectonic pattern of Archean formations in the Aldan mining region. N. G. Sudovikov and others. Izv. AN SSSR. Ser. geol. 27 no. 11:95-100 N '62.

ALDEHYDES

Hydrogenation of aldehydes and ketones in the presence of iron catalysts. A. A. Balandin, A. I. Kukina, E. V. Toptygina. Izv. AN SSSR. Otd. khim. nauk no. 11:1925-1932 N '62.

Quantitative determination of aldehydes in the presence of acetals [with summary in English]. A. B. Skvortsova, L. N. Petrova, E. N. Novikova Zhur. anal. khim. 17 no. 7:892-897 O '62.

Synthesis of aldehydes of the acrolein series. M. I. Farberov, G. S. Mironov, M. A. Korshunov. Zhur. prikl. khim. 35 no. 11:2483-2491 N '62.

ALDRIN

Continuous method for the preparation of aldrin. L. G. Volfson and others. Khim. prom. no. 10:714-171 O '62.

ALEYSK DISTRICT—PLANTS, PROTECTION OF

Aleysk Observation Station. E. P. Pomor Zashch. rast ot vred i bol 7 no. 2 43-44 F '62

ALFALFA—FERTILIZERS AND MANURES

Effect of fertilizers on hay yields and the improvement of the forage quality of alfalfa. I. D Illiozer. Visnyk sil'hosp. nauky 5 no. 10.95-97 O '62.

ALGAE

Effect of light intensity on autotrophic and heterotrophic nutrition of Chlorella vulgaris and Scenedesmus obliquus [with summary in English]. L. A. Mineeva. Mikrobiologiia 31 no. 3:411-416 My-Je '62.

Interrelations between algae and micro-organisms. Report No. 3 The effect of Chlorella vulgaris and Scenedesmus obliquus algae on the survivability of bacteriophages to Salmonella typhimurium [with summary in English]. N. V. Davydova, V. V. Pospelova, M. M. Telitchenko. Biul. eksp biol i med. 54 no. 11. 84-87 N '62.

Preliminary data on the effect of copper sulfate on the larvae of Anopheles and the algal pellicle of rice fields. N. P. Sokolov and others. Trudy Gidrobiol. ob-va 12: 55-59 '62.

ALGAE—CONGRESSES

Role of blue-green algae in inland waters. K. A. Guseva. Vest. AN SSSR 32 no. 12:109-110 D '62.

ALGAE—CULTURES AND CULTURE MEDIA

Effect of the conditions of space flight in a spaceship on the viability of the Chlorella culture [with summary in English]. V. L. Semenenko, M. G. Vladimirova. Probl. kosm. biol. 1:190-204 '62.

Methods for isolating active Chlorella strains from nature [with summary in English]. S. V. Gorlenova, M. N. Ovsiannikova. Mikrobiologiia 31 no. 3:520-525 My-Je '62.

Triphenyl-tetrazolium chloride study of the condition of morphologically differentiated cells in developing cultures of blue-green algae [with summary in English]. M. V. Gusev, V. D. Fedorov. Mikrobiologiia 31 no. 3: 478-481 My-Je '62.

ALGAE, FOSSIL see subdivision under Shilik River

ALGAE AS FOOD

Amino acid composition of Chlorella pyrenoidosa [with summary in English]. N. M. Stanklan, I. N. Bezlnger, M. G. Shaposhnikova. Probl. kosm. biol. 1:371-376 '62.

ALGEBRA

Novoselov, S. I. [Special course in elementary algebra] Spetsial'nyi kurs elementarnoi algebry Izd. 3 Moskva, Gos. izd-vo "Vysshaia shkola," 1962. 563 p.

ALGEBRAIC FIELDS see Fields, Algebraic

ALGEBRAIC TOPOLOGY

Second obstacle to solving the problem of imbedding of fields of algebraic numbers. S. P. Demushkin, I. R. Shafarevich. Izv. AN SSSR. Ser. mat. 26 no. 6:911-924 N-D '62.

ALGERIA—COMMUNIST PARTY

An unjust measure. Nov. vrem. 20 no. 50:1-2 D '62.

ALGERIA—FOREIGN RELATIONS—FRANCE

Kharlanov, IU. F. [Mystery of the two crosses] Taina dvukh krestov. [Moskva] Molodaia gvardiia, 1962. 142 p.

ALGERIA—POLITICS AND GOVERNMENT

Invincible Algeria. Leila, Zhen. mira no. 8:16-20 '62.

Kharlanov, IU. F. [Mystery of the two crosses] Taina dvukh krestov. [Moskva] Molodaia gvardiia, 1962. 142 p.

ALGERIAN NEWSPAPERS

"Al-hurriya" means "freedom." P. Demchenko. Sov. pech. no. 11:57 N '62.

ALIENS

Legal status of foreigners in the U. S. S. R. according to recently enacted civil laws. L. Lunts. Sov. just. no. 12:7-9 Je '62.

ALIMENTARY CANAL

Study of the absorptive capacity of some sections of the gastrointestinal apparatus in clinical conditions. A. IA. Gubergrits, L. A. Leshchinskii, V. I. Riabov. Terap. arkh. no. 8:20-27 '62.

ALIMENTARY CANAL—FOREIGN BODIES

Foreign bodies in the gastrointestinal tract of children from data of a district hospital. A. N. Orlov. Pediatriia no. 7:76-80 '62.

ALIZARIN

Determination of the conditional instability constants of yttrium, lanthanum, and cerium alizarin reaction products. L. S. Serdiuk. Ukr. khim. zhur. 28 no. 7: 786-788 '62.

ALKALI METAL CARBONATES

Effect of additions of alkali metal carbonates on the reduction rate of uranium trioxide. V. M. Zhukovskii, V. G. Vlasov. Zhur. prikl. khim. 35 no. 10:2131-2134 O '62.

Oxidation of iron in melts containing lithium, sodium, and potassium carbonates. V. P. Kochergin, E. G. Kokourova. Zhur. neorg. khim. 7 no. 11 2563-2567 N '62.

ALKALI METAL CHLORIDES

Interaction of praseodymium chloride with sodium and potassium chlorides in melts. Z. N. Shevtsova, E. N. Korzina, B. G. Korshunov. Zhur. neorg. khim. 7 no. 11 2596-2599 N '62.

Ternary system consisting of sodium, cesium, and cadmium chlorides. I. I. Il'inov. Zhur. neorg. khim. 7 no. 11, 2601-2605 N '62

ALKALI METAL CHROMATES

Volatility of sodium and potassium chromates. N. S. Afonskii. Zhur. neorg. khim. 7 no. 11 2640-2641 N '62

ALKALI METAL HALIDE CRYSTALS

Calculation of structure factors in the inelastic scattering of slow neutrons on NaCl type crystals. Z. A. Demidenko. Fiz. tver. tela 4 no. 12:3359-3365 D '62.

Magnetic shielding of Na^{23} nuclei in alkali halide crystals. V. S. Grechishkin, M. L. Zlatogorskii, A. N. Osipenko. Fiz. tver. tela 4 no. 10:2967-2969 O '62.

Secondary emission from dielectrics and semiconductors under bombardment with potassium ions. I. A. Abroian, V. P. Lavrov. Fiz. tver. tela 4 no. 11:3254-3259 N '62

ALKALI METAL HALIDES

Variations in the properties of solid solutions of alkali halide compounds in the process of natural aging. M. N. Treskina, E. K. Zavadovskaia. Izv. vys. ucheb. zav.; fiz. no. 5:3-9 '62.

ALKALI METAL PYROPHOSPHATES

Melting diagram of the system consisting of lithium and potassium pyrophosphates and sodium fluoride. A. G. Bergman, V. P. Goriacheva. Zhur. neorg. khim. 7 no. 11 2617-2618 N '62

ALKALIES

Alkali solutions of low-substituted nitrocellulose. G. A. Petropavlovskii. Trudy LTA no. 91:105-113 '60.

Anode behavior of tungsten in alkaline electrolytes. V. N. Parusnikov, N. I. Kisilenko. Zhur. prikl. khim. 35 no. 10:2276-2281 O '62.

Dependence of the dissolving rate of vitreous As_2Se_3 on the concentration of alkali in solution [with summary in English]. Z. U. Borisova, O. V. Il'inskaia, TSzin' Chzhan [Chin Chang]. Vest. LGU 17 no. 22:165-167 '62.

Dissolving rate of vitreous As_2Se_3Tl in alkali solutions [with summary in English]. T. P. Markova, Z. U. Borisova. Vest. LGU 17 no. 22:150-155 '62.

ALKALINE EARTH HALIDES

Use of an ionic model for calculating molecular vibrations of alkaline earth metal halides. K. S. Krasnov, A. I. Maksimov. Zhur. strukt. khim. 3 no. 6:703-706 '62.

ALKALOIDS

Qualitative composition and content of alkaloids in the lupine. A. V. Mironenka. Vestsi AN BSSR. Ser. bifal. nav. no. 3:56-66 '62.

ALKYLATION

Alkylation of benzene by propylene and amylene. I. F. Radzevenchuk. Zhur. prikl. khim. 35 no. 11:2538-2542 N '62.

Alkylation of chlorobenzene with isopropyl chloride in the presence of aluminum chloride. E. P. Babin, A. A. Kolpakchi. Kin. i kat. 3 no. 6:855-860 N-D '62.

ALLELOPATHY

Seasonal variability of the biochemical activity of secretions from aspen leaves. M. V. Kolesnichenko. Fiziol. rast. 9 no. 6:733-735 '62.

ALLERGY

"Allergy to medicinal substances" [translated from the English]. Reviewed by S. M. Navashin. Antibiotiki 7 no. 9:853-854 S '62.

ALLIED INTERVENTION, 1918-1920 see subdivision under Russia

ALLIGATORS see subdivision under Cuba

ALLIUM

Comparative anatomical characteristics of the leaf of some Allium L. species [with summary in English]. V. A. Gultaev, A. A. Kazakova, A. I. Syrygina. Trudy po prikl. bot., gen. i sel. 34 no. 2:14-21 '61.

ALLOYS

Theory of the residual resistivity of a binary disordered alloy of periodically varying composition [with summary in English]. I. D. Kolomiets', A. A. Smirnov. Ukr. fiz. zhur. 7 no. 11:1195-1204 N '62.

ALLOYS—BRITTLENESS

Effect of thermomechanical treatment on metal susceptibility to temper brittleness. L. G. Sakvarelidze, F. N. Tavadze. Trudy Inst. met. AN Gruz. SSR 12 159-165 '62.

ALLOYS—ELECTRIC PROPERTIES

Theory of residual electric resistance in binary unordered alloys with periodically changing composition. Part 2. I. D. Kolomiets, A. A. Smirnov. Fiz. met. i metalloved. 14 no. 2:161-164 Ag '62.

ALLOYS—HARDENING

Characteristics of alloy hardening with a low energy of packing defects. V. E. Panin, T. S. Sidorova, M. A. Bol'shanina. Fiz. met. i metalloved. 14 no. 2:238-243 Ag '62.

ALLOYS—METALLOGRAPHY

Connection between diffusion coefficients with constitutional diagram and atomic numbers of alloy components. S. D. Gertsriken. Sbor. nauch. rab. Inst. metallofiz. AN URSR no 15 152-154 '62.

Diagrams "composition - speed of recovery" and their use in the physicochemical analysis of metal systems. L. N. Larikov. Sbor. nauch. rab. Inst. metallofiz. AN URSR no 15 131-136 '62.

Microscopic study of the deformation of ordered alloys. V. I. Stutkina, E. S. IAkovleva. Fiz. met. i metalloved. 14 no. 5:742-749 N '62.

ALLOYS—TESTING

Ions tell about the "health" of alloys. A. Makovskii. Izobr. i rats. no. 11.12 N '62.

ALLUVIUM see subdivision under Pechora River

ALMA-ATA—FACTORY LIBRARIES

Charging center for technological books. E. Liubenko. Bibliotekar' no. 12 14 D '62.

ALMA-ATA—WOODY PLANTS

Akademiia nauk Kazakhskoi SSR, Alma-Ata. Botanicheskii sad. [Woody plants of the Alma-Ata Botanical Garden] Drevesnaia rastitel'nost' Alma-Atinskogo botanicheskogo sada. Pod red. A. M. Mushegiana. Alma-Ata, Izd-vo Akad. nauk Kazakhskoi SSR, 1962. 328 p.

ALMA-ATA PROVINCE—AUDITING AND INSPECTION

Auditing and control by public participation. V. Radostovets. Bukhg. uchet 18 no. 11:47-48 N '62.

ALMAJA, ROBERTO, 1884-1962

Roberto Almaja; obituary. I. P. Gerasimov and others. Izv. AN SSSR. Ser. geog. no. 6:145 N-D '62.

ALMANACS, UKRAINIAN see subdivision under Canada

AL'MET'YEVSK—SERVICE INDUSTRIES

The service industries are neglected. I. Serikov. Sov. deput. trud. no. 12:37-41 D '62.

ALOE see subdivision under Azerbaijan

ALPHA RAYS

Angular distribution of α-particles from the reaction $Be^9(d, \alpha)Li^7$ [with summary in English]. P. H. Ivanitskyi. Ukr. fiz. zhur. 7 no. 11:1160-1164 N '62.

Nedvediuk, K., and others. [Angular distributions of α-particles and total cross sections for the reaction $C^{12}(t, \alpha_0)B^{11}$] Uglovye raspredeleniia α-chastits i polnye secheniia reaktsii $C^{12}(t, \alpha_0)B^{11}$. Dubna, Ob"edinennyi in-t iadernykh issledovanii, 1962. 6 p. [With summary in English]

ALTAI MOUNTAINS—BARITE

Structural characteristics of barite aggregates in the pyrite ores of the Belousova deposit. N. E. Galdin. Geol. rud. mestorozh. no. 5 34-44 S-O '62.

ALTAI MOUNTAINS—GEOLOGY, STRUCTURAL

Some characteristics of the geology and genesis of mercury deposits in the northern margin of the Gornyy Altai. V. N. Troshchenko. Geol. rud. mestorozh. no. 5: 56-68 S-O '62.

ALTAI MOUNTAINS—GREENSTONE

On the green slates of Gornyy Altai. I. I. Vishnevskaia. Dokl. AN SSSR 147 no. 3:692-695 N '62.

ALTAI MOUNTAINS—IRON ORES

Geophysical data on the Kholzun iron-ore deposit. V. A. Nassonov. Trudy SNIIGGIMS no. 10:41-48 '60.

ALTAI MOUNTAINS—MERCURY ORES

Some characteristics of the geology and genesis of mercury deposits in the northern margin of the Gornyy Altai. V. N. Troshchenko. Geol. rud. mestorozh. no. 5 56-68 S-O '62.

ALTAI MOUNTAINS—ORE DEPOSITS

Genesis of some structures in the ores of the Rukhlinskoye complex metal deposit. M. S. Shnaider. Izv. AN Kazakh. SSR. Ser. geol. no. 5:64-71 '62.

Heterogeneity of quartz-carbonaceous rocks of listvenite habit and their association with mercury ores [with summary in English]. V. A. Kuznetsov, A. A. Tychinskii, I. P. Shcherban'. Geol. i geofiz. no. 10 132-146 '62

Magmatic activity and regularities in the spacial distribution of copper and complex ore deposits in the Rudnyy Altai. P. F. Ivankin. Zakonom. razm. polezn. iskop. 5:190-205 '62.

Tectonic regularities in the location of complex ore deposits in the Rudnyy Altai. G. F. IAkovlev. Zakonom. razm. polezn. iskop. 5:159-189 '62.

ALTAI MOUNTAINS—PYRITES

Structural characteristics of barite aggregates in the pyrite ores of the Belousovka deposit. N. E. Galdin. Geol. rud. mestorozh. no. 5 34-44 S-O '62.

ALTAI MOUNTAINS—ROCKS, IGNEOUS

Impurity elements in accessory magnetite as criteria for the genetic separation of granitoids of the Altai-Sayan region. V. A. Vakhrushev. Dokl. AN SSSR 147 no. 3:707-709 N '62.

ALTAI MOUNTAINS—TRILOBITES

Ordovician trilobites of the Gornyy Altai. V. S. Semenova. Trudy SNIIGGIMS no. 10:157-168 '60.

ALTAI TERRITORY—ARTIFICIAL INSEMINATION

Starozhilov, P. M. [Organization of artificial insemination in the Altai Territory] Organizatsiia iskusstvennogo osemeneniia v Altaiskom krae, iz opyta raboty Kraevoi gosudarstvennoi stantsii po plemennoi rabote i iskusstvennomu osemeneniiu sel'skokhoziaistvennykh zhivotnykh. Moskva, Sel'khozizdat, 1962. 93 p. (DNAL)

ALTAI TERRITORY—BAR ASSOCIATIONS

The work of attorneys at law in the Altai Territory. A. Perevozov. Sov. iust. no. 23 10-11 D '62

ALTAI TERRITORY—COOPERATIVE SOCIETIES

With the help of active workers. Z. Ivacheva. Sov. potreb. koop. 6 no. 9 28-29 S '62.

ALTAI TERRITORY—CORN (MAIZE)—DISEASES AND PESTS

Noctuid moths, as corn pests in the Altai. F. P. Shevchenko, Z. S. Shabalina. Zashch. rast. ot vred. i bol. 7 no. 6:29-30 Je '62.

ALTAI TERRITORY—COWS—FEEDING AND FEEDS

Efficiency of forage beans in the cow ration. S. Karbyshev. Ekon. sel'khoz. 33 no. 11:105-108 N '62.

ALTAI TERRITORY—EROSION

Recent ravine erosion in the Altai plains and its control. G. V. Zanin. Izv. AN SSSR. Ser. geog. no. 6:43-49 N-D '62.

ALTAI TERRITORY—FISH CULTURE

Prospects for the development of pond fish culture in the Altai Territory. Z. A. Moruzi. Trudy sov. ikht. kom. no. 14:144-146 '62.

ALTAI TERRITORY—OWLET MOTHS

Noctuid moths, as corn pests in the Altai. F. P. Shevchenko, Z. S. Shabalina. Zashch. rast. ot vred. i bol. 7 no. 6:29-30 Je '62.

ALTAI TERRITORY—PEAS—HARVESTING

Mechanized harvesting of peas in the Altai. P. N. Mokshin, N. F. Sil'chenko. Zemledelie 24 no. 7:35-40 Jl '62

ALTAI TERRITORY—PLANTS, PROTECTION OF

Cooperation between science and production. Iu. P. Aleksandrov, P. G. Alinovskii. Zashch. rast. ot vred. i bol. 7 no. 3:4-6 Ag '62

Struggle for crops. Z. L. Shul'man, P. S. Alinovskii. Zashch. rast. ot vred. i bol. 7 no. 6:8-9 Je '62.

ALTAI TERRITORY—SEEDS—DISINFECTION

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ALTITUDES

"Manual for calculating the coordinates and heights of ground points of control" by M M Izvekov and others. Reviewed by V. L. Kagan Geod. i kart no 11 75-77 N '62.

ALUM

Temperature effect on the phosphorescence of phthalic acid in alums [with summary in English] G M Kisliak, H. M. Lysenko Ukr fiz. zhur. 7 no. 12:1314-1317 D '62.

ALUMINOSILICATES

Dehydrogenation cracking of a diesel fuel on chromia-aluminosilicate catalysts L A Buvalkina, B. Dauletov Trudy Inst khim nauk AN Kazakh. SSR 8.115-127 '62

ALUMINUM

(see also subdivision under Nura-Tau)

Electric transfer of antimony in aluminum [with summary in English]. P P. Kuz'menko, V. S. Koval'chuk Ukr fi., zhur. 7 no. 12 1350-1354 D '62.

Formation of combustible gases in the reaction of aluminum with water and with solutions of ammonium nitrate. K. K. Andreev., G. E. Kriger, V. G. Khotin Zhur prikl khim 35 no. 11 2569-2570 N '62.

Glasses of the system N_2O - ZnO - Al_2O_3 - P_2O_5 as a base of enamels for aluminum. V V. Vargin, T. S. TSekhomskaia Zhur. prikl. khim. 35 no 11 2363-2368 N '62.

Temperature dependence of the X-ray interference intensity in aluminum and chromium ferrite [with summary in English]. I. P. Mikhailiuk, V. P. Mikhal'chenko, H. P. Kushta. Ukr. fiz. zhur. 7 no. 11:1246-1251 N '62.

ALUMINUM—SPECTRA

Studying the distribution of aluminum in ferrosilicon by the method of local spectrum analysis E A. Skripova, P. V. Gel'd Izv. vys. ucheb. zav., chern. met. 5 no 11 198-201 '62

ALUMINUM—WELDING

Conditions for the formation of a resistant joint in the friction welding of aluminum with steel. S. K. Ginzburg, S. N. Prokof'ev, L. A. Shternin. Svar. proizv. no. 12 12-14 D '62.

Interaction of certain solders with AD1 and SAP-1 aluminum. V. L. Grishin. Svar. proizv. no. 12:30-34 D '62.

Mechanism of the interaction of aluminum oxide with flux during aluminum welding. A. A. Alov, E. Grusser. Svar. proizv. no. 12 5-9 D '62.

Semiautomatic argon-arc welding of aluminum busbars by means of a consumable electrode. L. E. Fedotov, V. S. Karpov. Svar. proizv. no. 12 20-22 D '62.

ALUMINUM, STRUCTURAL—WELDING

Joining special aluminum shapes and plates by spot welding. M. D. Temirov, V. I. Ishchenko. Svar. proizv. no. 12 22-23 D '62.

Strength of welded assemblies of construction elements in aluminum alloys. R. G. Shneiderov, L. L. Rubanovich, A. Kh. Khokharin. Svar. proizv. no. 12:9-11 D '62.

ALUMINUM ALLOYS

Manufacture of welded beams of the V92-T aluminum alloy. L. N. Livshits and others. Prom. stroi. 40 no. 12, 23-28 '62.

ALUMINUM ALLOYS—CORROSION

Increasing the corrosion resistance of aluminum alloy weldments made with fusible solders. N. F. Lashko, S. V. Lashko. Svar. proizv. no. 12:28-30 D '62.

ALUMINUM ALLOYS—METALLOGRAPHY

Effect of gas-arc cutting on the properties of aluminum alloys. A. S. Chesnokov, Iu. P. Kuz'min. Svar. proizv. no. 12 25-28 D '62.

ALUMINUM ALLOYS—WELDING

Argon-arc spot welding of the AMg6B aluminum alloy. F. I. Razdut. Svar. proizv. no. 12:14-16 D '62.

Spot welding with use of adhesives for the manufacture of ship structures. V. P. Bochkarev. Svar. proizv. no. 12, 35-37 D '62.

Welding aluminum alloys with a consumable electrode in a mixture of argon with chlorine. V. D. Kodolov, V. N. Sorokin. Svar. proizv. no. 12 16-19 D '62.

Welding parts and assemblies for aluminum coolers. V. S. Lesnichii. Svar. proizv. no. 12:34-35 D '62.

ALUMINUM ANTIMONIDE

Effective coefficient of distribution of tellurium in aluminum antimonide. E. V. Skudnova, M. S. Mirgalovskaia Zhur. neorg khim 7 no 11 2568-2571 N '62.

ALUMINUM BORATE

In reference to an article by M. B Shchigol' and N. B. Burchinskaia "Some properties of aluminum borates." A. K. Babko Zhur neorg. khim. 7 no 11:2642 N '62.

Reply to the letter by A. K. Babko "In reference to the article by M. B. Shchigol' and N. B. Burchinskaia." Zhur. neorg khim 7 no. 11:2643 N '62.

ALUMINUM CHLORIDE

Melting diagram of the system $GaCl_2$ - $AlCl_3$. A. P Palkin, N V Ostrikova Zhur neorg khim 7 no 11 2635-2636 N '62

Possibility of forming higher order compounds in the system $AlCl_3$ - $CS(NH_2)_2$ - H_2O. N. I. Ermolenko, A IA. Deich Izv. vys uch. zav., khim. i khim tekh. 5 no 4 536-538 '62.

Using aluminum hydroxychloride for coagulation in water purification B. M. Shchepaev. Vod. i san. tekh. no 10 13-14 O '62.

ALUMINUM COMPOUNDS—SPECTRA

Spectroscopic criterion of aluminum coordination in anion frameworks. V A Kolesova. Izv. AN SSSR Otd khim. nauk no. 11:2082-2084 N '62.

ALUMINUM-COPPER ALLOYS see Copper-aluminum alloys

ALUMINUM CYRSTALS

Substructure of spherical single crystals of aluminum depending on crystallization conditions G V Indenbaum, D. N. Popov. Fiz met. i metalloved. 14 no. 2: 205-211 Ag '62.

ALUMINUM CRYSTALS—TESTING

Effect of the mosaic structure in cast single crystals of aluminum on their critical breaking stress. D E Ovsienko, E I. Sosnina Fiz met i metalloved 14 no 2 252-256 Ag '62

ALUMINUM FOUNDING

New bearing alloys. N P Nikolaichik Lit. proizv. no. 11, 37-38 N '62.

ALUMINUM HYDROXIDE—SPECTRA

Infrared absorption spectra of α-AlOOH diaspore, γ-AlOOH boehmite, and GaOOH. V. A. Kolesova, IA. I. Ryskin Zhur. strukt. khim. 3 no. 6 680-684 '62.

ALUMINUM-IRON ALLOYS—TESTING

Effect of small additions of iron on the viscosity and electrical resistance of liquid aluminum. L. A. Koledov, A. P. Liubimov. Izv. vys. ucheb. zav., chern. met. 5 no. 11:140-145 '62.

ALUMINUM-MAGNESIUM ALLOYS

Use of aluminum-magnesium alloys in shipbuilding. S. V IAkushkin. Sudostroenie 28 no. 11 56 N '62.

ALUMINUM-MAGNESIUM ALLOYS—WELDING

Formation and propagation of pores during the welding of the AMg6 alloy. G. D. Nikiforov, S. A. Stlant'eva. Svar. proizv. no. 12, 1-5 D '62.

ALUMINUM NITRIDE

Thermodynamic conditions of aluminum nitride formation in liquid iron. V. F. Isaev, A. N. Morozov. Izv. vys ucheb. zav., chern. met. 5 no. 11, 57-60 '62.

ALUMINUM OXIDE

Al_2O_3 - SiO_2 system. P. P. Budnikov, V. I. Kushakovskii. Zhur. prikl. khim. 35 no. 10 2146-2156 O '62.

Effect of aluminum oxide on the electroconductivity of nonalkaline magnesium-calcium glasses V S. Nikandrov Fiz. tver. tela 4 no. 11:3342-3343 N '62.

Reactions between Ce_2O_3 and Al_2O_3 at high temperatures and properties of formed cerium aluminates. A. I. Leonov, E. K. Keler. Izv. AN SSSR. Otd. khim nauk no. 11:1905-1910 N '62.

ALUMINUM PIPE see Pipe, Aluminum

ALUMINUM PLANTS

(see also subdivision under Volgograd)

Installing heavy busbars in aluminum electrolysis shops. M. O. Shlakhter, D. M. Simonov Mont. i spets. rab. v stroi 24 no 11 10-12 N '62

ALUMINUM SALTS

Studying the adsorption and electrokinetic characteristics of sulfite and sulfate cellulose in relation to aluminum salt solutions. V. I. IUr'ev, S S Pozin, G. M. Skurikhina. Trudy LTA no 91 11-20 '60.

ALUMINUM SILICIDE

Investigating the reduction of strontium oxide by aluminum silicide G G. Gvelesiani, M. G. Mgaloblishvili. Trudy Inst met. AN Gruz. SSR 12 103-105 '62.

ALUMINUM-SILICON-MANGANESE ALLOYS see Silicon-manganese-aluminum alloys

ALUMINUM-SILVER ALLOYS—METALLOGRAPHY

Substructure of crystals of a supersaturated solid solution of silver in aluminum during the decomposition process. M. I. Zakharova, N. S. Beliatskaia. Fiz. met. i metalloved. 14 no. 5:678-682 N '62.

AMALGAMS

Amalgam exchange between Li - K, Li - Na, and Li - Ca. B. P. Konstantinov, I. A. Altimova. Zhur. prikl. khim. 35 no. 10:2268-2271 O '62.

AMATEUR ART ACTIVITIES

(see also subdivision under Gorkiy)

At a good time. M. Maksakova. Sov. muz. 26 no. 10: 49-51 O '62.

AMATEUR THEATRICALS

People's theaters. I. Sidorina. Kul't. i zhizn' 6 no. 10:32-34 '62.

AMAUROSIS

Rare case of ankyloising spondylarthritis complicated by bilateral amaurosis due to iridocyclitis. S. G Magil'nitskii. Vest. oft. no 5:65-67 '62.

AMBARTSUMIAN, VIKTOR AMAZASPOVICH, 1908-

Academician Viktor Amazaspovich Ambartsumian. V G Gorbatskii Fiz. v shkole 22 no 5:14-18 S-O '62

AMEBIASIS

Amebic liver abscesses [with summary in English]. Zo Htun, G A. Orlov Khirurgiia 38 no 10,68-71 O '62.

AMERICA—COMMUNIST PARTIES

[Documents pertaining to the programs of Communist and workers' parties in American countries] Programnye dokumenty kommunisticheskikh i rabochikh partii stran Ameriki. Moskva, Gospolitizdat, 1962. 336 p.

AMERICAN LITERATURE—HISTORY AND CRITICISM

How much truth can be endured? R. Orlova. Vop. lit. 5 no. 10:161-170 O '62.

AMINES

Adsorption of aliphatic amines on alumina and silica S. Aktanova, A. V. Kiselev, Iu. A. Pletnev. Izv. AN SSSR, Otd. khim. nauk no. 11, 1936-1944 N '62.

Catalytic carbonylation of aliphatic amines in the presence of alkali metal alcoholates. A. Iu. Aliev, I. B. Romanova, L. Kh. Freidlin Uzb. khim. zhur. 6 no. 5 75-83 '62.

Effect of amines on the hydrogenation of benzaldehyde. D. V Sokol'skii, A. M. Konovalov. Trudy Inst. khim. nauk AN Kazakh. SSR 8:41-44 '62

Formation of heterocyclic compounds from amines and ethylene glycol G E. Morgun, M. S Malinovskii, L. V. Glushkova. Ukr khim zhur 28 no 7:852-854 '62

Heterochain polyamides. Report No. 32: Formation of mixed polyamides at the interface of various diamine mixtures. V. V. Korshak, T. M. Frunze, L. V. Kozlov Izv. AN SSSR, Otd. khim. nauk no. 11:2062-2069 N '62

Present-day achievements in the study of the processes and enzymatic systems in the metabolism of biogenic amines. V. Z. Gorkin. Vest. AMN SSSR 17 no. 9 28-38 '62.

Synthesis of diamines, dicarboxylic acids, and chloro-substituted monocarboxylic acids based on telomers of chlorobromomethane with ethylene. I. N. Afanas'ev Khim. prom. no. 10:709-712 O '62.

AMINO ACIDS

Amino acid composition of Chlorella pyrenoidosa [with summary in English]. N. M. Sisakian, E. N. Dezinger, M. G. Shaposhnikova. Probl. kosm. biol. 1:371-376 '62.

Amino acid composition of rye proteins [with summary in English]. V. I. Golenkov. Trudy VNIIZ no. 38:201-211 '60.

Comparative study of the amino acid composition of some green vegetables. M. Bonev, S. IAnkov. Vop. pit. 21 no. 4:84-85 Jl-Ag '62.

Determining amino acids in feeds [with summary in English]. V. G. Rindchikov. Izv. TSKHA no. 1:218-227 '62.

Determining the amino acid composition and N-terminal groups by the method of protein dinitrophenylation [with summary in English]. N. I. Mel'tova. Trudy VNIIZ no. 38 219-226 '60.

Inclusion of tagged amino acids and adenine-8-C14 in nucleotide peptides of baker's yeast (Sacch. cerevisiae). M. K. Velnova, N. M. Sisakian. Dokl. AN SSSR 147 no. 3:731-734 N '62.

Methods for determining the C-terminal amino acids of plant proteins [with summary in English]. V. I. Veksler, A. I. Freiman. Trudy VNIIZ no. 38:213-218 '60

Methods for quantitative determination of free amino acids in wheat [with summary in English]. E. M. Sahitskaite, B. P. Pleshkov. Izv. TSKHA no. 4:98-104 '62.

Nature of bound amino acids in the bleeding sap of buckwheat. E. S. Avundzhian. Fiziol. rast 9 no. 5: 730-733 '62.

Some histological changes in the organs of white rats as a result of a disorder of amino acid balance in the diet [with summary in English]. B. K. Skirko, T. A. Braksh. Vop. pit. 21 no. 4:15-20 Jl-Ag '62.

AMMONIA

Compressibility of mixtures of ammonia and carbon dioxide, and the equilibrium of reactions involved in urea synthesis. G. D. Efremova, G. G. Leont'eva. Khim. prom. no. 10:742-747 O '62.

Determining the equilibrium constant for the reaction of ammonia dissociation over wide temperature and pressure ranges [with summary in English]. P. M Kessel'man, A. G. Tabachnikov. Inzh.-fiz. zhur 5 no. 10:19-25 O '62.

Kinetics of reduction of ammonia catalysts of various chemical composition. Iu. N Artiukh, M. T. Rusov, O. A. Streltsov. Ukr khim. zhur. 28 no. 7:826-828 '62.

Precipitation of basic cadmium chlorides by ammonia. A. K. Kirakosian. Zhur. neorg. khim. 7 no. 11 2557-2562 N '62

Production and uses of ammonia liquor and mixed liquid fertilizers. M. N. Nabiev. Uzb. khim. zhur. 6 no. 5: 5-10 '62.

Reduction of uranium trioxide by ammonia. V. G. Vlasov, V. M. Zhukovskii. Kin. i kat. 3 no. 6 802-806 N-D '62.

Study of the system $Ni(NO_3)_2$ - NH_4BF_4 - water-ammonia mixture and its analytical application. Z. T. Maksimycheva, R. Balaker skaia. Uzb. khim. zhur. 6 no. 5: 11-15 '62.

AMMONIA AS FERTILIZER

Using hydrous ammonia. D. A. Korent'kov. Zemledelie 24 no. 7: 17-22 Jl '62

AMMONITES (SEMITIC PEOPLE)

First effort to reconstruct the history of an ancient nation. M. I. Gel'tner. Vop. ist. no. 12, 183 D '62

AMMONIUM

Importance in the general complex of geochemical studies of determining ammonium ions in waters of oil and gas-bearing formations. Kh. A. Ravikovich. Geol. nefti i gaza 6 no. 11: 45-48 N '62.

AMMONIUM CARBONATE

Ammonium bicarbonate production process. B. M. Iloglov and others. Khim. prom. no. 10, 719-723 O '62.

Continuous method of the production of ammonium bicarbonate. I. P. Ushkin, I. G. Averdianov, A. P. Uvarova. Khim. prom. no. 10, 723-726 O '62.

AMMONIUM FLUOBERYLLATE

Determination of ammonium ions and free acid in ammonium fluoberyllate solutions [with summary in English]. E. P. Shcheglova. Zhur. anal. khim. 17 no. 8: 1024-1026 N '62.

AMMONIUM FLUOBORATE

Study of the system $Ni(NO_3)_2$ - NH_4BF_4 - water-ammonia mixture and its analytical application. Z. T. Maksimycheva, R. Balaker skaia. Uzb. khim. zhur. 6 no. 5 11-15 '62.

AMMONIUM MOLYBDATE—SPECTRA

Electron paramagnetic resonance in solutions of ammonium oxoperchloromolybdate. N. S. Garifianov, V. N. Fedotov. Zhur. strukt. khim. 3 no. 6 711-712 '62.

AMMONIUM NITRATE

Formation of combustible gases in the reaction of aluminum with water and with solutions of ammonium nitrate. K. K. Andreev, G. E. Kaiger, V. G. Khotin. Zhur. prikl. khim. 35 no. 11 2569-2570 N '62.

AMMONIUM PERCHLORATE

Thermal decomposition and combustion of ammonium perchlorate. A. A. Shidlovskii, L. F. Shmagin. Izv. vys. uch. zav.; khim. i khim. tekh. 5 no. 4: 529-532 '62.

AMMONIUM SULFATE

Nonsaturation method of ammonium sulfate production. O. N. Baier. Koks i khim. no. 11: 50-53 '62.

AMMONOIDEA see subdivision under Lena Valley Range, Verkhoyansk

AMMONOIDEA, FOSSIL see subdivision under Siberia

AMMONOLYSIS

Oxidation of organic compounds. Report No. 33: Oxidative ammonolysis of a mixture of p- and m-xylenes. B. V. Suvorov and others. Trudy Inst. khim. nauk AN Kazakh. SSR 9: 109-114 '62.

AMORTIZATION

New norms for amortization deductions in the fleet. M. Vol'fson. Rech. transp. 21 no. 12: 14-16 D '62.

New norms for the amortization of capital assets. R. M. Bankina. Uchet i fin. v kolkhoz. i sovkhoz. 10 no. 12: 30-32 D '62.

New uniform amortization norms. M. Zavalishchin, A. Shor. Bukhg. uchet 10 no. 11: 50-59 N '62.

AMPHIBIOUS MOTOR VEHICLES see Motor vehicles, Amphibious

AMPHIBOLE see subdivision under Ukraine

AMPLIFIERS (ELECTRONICS)

A.d.c. amplifier using regulated diodes with full-wave power supply. B. N. Ivanchuk, R. A. Lipman, B. IA. Rubinov. Elektrichestvo no. 10: 59-64 O '62.

AMPLIFIERS, ELECTRON-TUBE

Distortion of the spectrum of ionization bursts by the amplifier. N. N. Dmitrieva, V. A. Dmitriev. Vest. Mosk un. Ser. 3: Fiz., astron. 17 no. 6: 7-10 N-D '62.

Studying the amplification of electric oscillations in the physics course. G. R. Lisenker. Fiz. v shkole 22 no. 5: 46-47 S-O '62.

AMPLIFIERS, PARAMETRIC see Parametric amplifiers

AMPLIFIERS, TRANSISTOR see Transistor amplifiers

AMU DARYA—SHORE PROTECTION

Control of bank erosion on the Amu Darya. V. Nelubin. Rech. transp. 21 no. 12: 36-37 D '62.

Transportation of precast asphalt concrete for bank-protection covering. L. N. Udin. Transp. stroi. 12 no. 11: 34-36 N '62.

AMU DARYA DELTA—REED (BOTANY)

Woodpulp and Paperboard Combine in the Amu-Darya Delta. Bum. prom. 37 no. 11: 15 N '62.

AMU DARYA VALLEY—CARROTS—VARIETIES

Characteristics of carrot varieties grown in the lower reaches of the Amu Darya [with summary in English] G. E. Shmarev. Trudy po prikl. bot., gen. i sel. 31 no. 2: 166-171 '61.

AMU DARYA VALLEY—PETROLOGY

Modern psephitic-petrographic and terrigenous-mineralogic provinces in the upper Amu-Darya basin. N. I. Gridnev. Vop. geol. Uzb. no. 2: 56-67 '61.

AMUR CORK TREE see subdivision under Amur Province

AMUR PROVINCE—AMUR CORK TREE

Possibilities for developing plantations with a predominance of the Amur cork tree in Amur Province. R. N. Zolotov. Bot. zhur. 47 no. 10: 1461-1471 O '62

AMUR PROVINCE—DISTILLING INDUSTRIES—EQUIPMENT AND SUPPLIES

[illegible] [Instructions for the operation of the apparatus for the production of alcohol-containing products from potatoes and worts] Instruktsiia po ekspluatatsii apparatov dlia polucheniia [illegible] iz kartofelia i solodovykh zatorov dlia likero-vodochnykh zavodov; rukovodstvo po ekspluatatsii i naladke. Blagoveshchensk, Amurskoe knizhnoe izd-vo, 1960. 62 p.

[MICROFILM]

AMUR PROVINCE—WORMS, INTESTINAL AND PARASITIC

Helminths of wild and domestic water birds in Amur Province. K. M. Ryzhikov, T. N. Timofeeva. Trudy Gel'm. lab. 11: 213-222 '61

AMUR RIVER—REGULATION

The "black dragon" submits. G. Lianik. Az. i Afr. segs. no. 11: 20 N '62.

AMUR RIVER—TREMATODA

Trematodes of fishes in the Amur River basin. A. Kh. Akhmerov. Trudy Gel'm. lab. 11: 22-31 '61

AMUR VALLEY—HISTORY

Novikov-Daurskii, G. S. [Historical and archaeological sketches. Articles. Reminiscences] Istoriko-arkheologicheskie ocherki. Stat'i. Vospominaniia. Blagoveshchensk, Amurskoe knizhnoe izd-vo, 1961. 198 p. (MIC)

AMUR VALLEY—ROCKS, IGNEOUS

Alkaline granitoid intrusives at the middle reaches of the Amur River and the structures controlling them. T. A. Milai. Dokl. AN SSSR 147 no. 3: 671-674 N '62.

AMUR VALLEY—WORMS, INTESTINAL AND PARASITIC

Work of the Amur Helminthological Expedition (314th All-Union Helminthological Expedition) in 1958. K. M. Ryzhikov and others. Trudy Gel'm. lab. 11: 373-382 '61.

Work of the Amur Helminthological Expedition (314th All-Union Helminthological Expedition) in 1959. K. M. Ryzhikov and others. Trudy Gel'm. lab. 11: 393-413 '61.

AMUSEMENTS

"Popular holidays and spectacles." Reviewed by M. Ladur. Teatr 23 no. 11: 137-140 N '62.

AMYLASE

Changes in the amylase and phosphorylase activity in the development of a chicken embryo [with summary in English]. G. T. Adonts, R. R. Nersesian. Vop. biokhim. 2: 153-158 '61.

ANABAR SHIELD—ROCKS, CARBONATE

Role of fracturing in Lower Paleozoic carbonate rocks of the Anabar arch in prospecting for oil reservoirs. E. A. Dmitrieva, A. S. Kovtun. Trudy VNIGRI no. 193, 77-95 '62

ANALEPTICS

Effect of the complex of analeptics on the change in the metabolism indices of athletes. S. P. Letunov, P. M. Babarin. Teor. i prak. fiz. kul't. 25 no. 10: 30-33 O '62.

ANALOG COMPUTERS

Nikolaev, N. S., E. S. Kozlov, and N. P. Polgorodnik. [The USM-1 analog computer for solving boundary value problems of equations in mathematical physics] Analogovaia matematicheskaia mashina USM-1; dlia resheniia kraevykh zadach uravnenii matematicheskoi fiziki. Moskva, Mashgiz, 1962. 293 p.

ANALYSIS (CHEMISTRY) see Chemistry, Analytical

ANALYTIC FUNCTIONS see Functions, Analytic

ANALYTICAL MECHANICS see Mechanics, Analytic

ANAPHYLAXIS

Case of severe anaphylatic shock following the administration of bicillin-3. O. I. Khlzhniak. Klin. med. 40 no. 10: 128 O '62.

Characteristics of the action of diphacin in anaphylactic and histamine shock. I. N. Rakhmatullin. Vest. AMN SSSR 17 no. 8: 50-53 '62.

ANATOLIA—ORE DEPOSITS

Structure, magmatic activity and hypogene metallogeny of the Balkan-Anatolian section of the Alpine geosyncline. A. A. Malakhov. Zakonom. razm. polezn. iskop. 5: 283-303 '62.

ANATOMY

"Study material on the history of anatomy" by A. N. Alnev, V. N. Emel'ianov and N. A. Levin. Reviewed by V. N. Ternovskii. Sov. zdrav. 21 no. 12: 81-82 '62.

ANCHORAGE

Mooring walls with relieving anchor plates. A. I. Polovinkin. Transp. stroi. 12 no. 10: 25-26 O '62

ANCHOVIES

Elements of the nitrogen balance and feed rations of the Azov anchovy (Engraulis encrasicholus maeoticus Pusanov). G. E. Shul'man. Dokl. AN SSSR 147 no. 3: 724-726 N '62.

ANDREEV, ALEKSANDR

"Be an arbiter between us, people" by Aleksandr Andreev. Reviewed by V. Eremin. Sov. profsoiuzy 18 no. 23: 45-46 D '62.

ANDREEV, ALEKSANDR LAVRENT'EVICH, 1892-

Aleksandr Lavrent'evich Andreev; on his 70th birthday. Zhur. nevr. i psikh. 62 no. 8: 1275 Ag '62.

ANDROSTANE

Synthesis of alkyl derivatives of the androstane series. 2-hydroxymethylenedihydrotestosterone and 2α-methyldihydrotestosterone. L. N. Volovel'skii, G. V. Knorozova. Zhur. prikl. khim. 35 no. 11: 2560-2562 N '62.

ANEMIA

Case of hypoplastic hematopoiesis following pyrazolidine therapy. V. N. Lebedev. Probl. gemat. i perel. krovi no. 9: 54-55 '62.

Effect of blood transfusion on the excretion of 17-ketosteroids in gastric and duodenal peptic ulcer and hypochromic anemia. N. A. Dubrovina. Probl. gemat. i perel. krovi no. 9: 48-52 '62.

ANEMOMETER

Device for remote control of anemometers. A. A. Stepanian, L. I. Khainovskii. Les khoz. 15 no. 7: 57-58 Jl '62.

Prandtl tube with a thermal inclinometer [with summary in English]. M. A. Gol'dshtik. Inzh.-fiz. zhur. 5 no. 10: 82-85 O '62.

ANESTHESIA

Composition of the cerebrospinal fluid in animals under some types of Anesthesia. I. H. Bilchrudov. Vienyk sil'hosp. nauky 5 no. 11: 108-111 N '62.

Electromyography in modern anesthesia. V. A. Kovanov, IA. M. Klimelevskii. Vest. AMN SSSR 17 no. 8: 3-10 '62.

The most expedient level of anesthesia under clinical conditions. I. S. Zhorov. Vest. AMN SSSR 17 no. 8: 10-16 '62.

Premedication and anesthesia in chronic revascularization in coronary insufficiency. N. G. Roslavleva, Kh. N. Muratova. Vest. AMN SSSR 17 no. 8: 64-67 '62.

Reticulocytic reaction of the blood as an index of hypoxia during surgery under anesthesia and during the postoperative period [with summary in English]. M. I. Kuzin, N. A. Osipova. Khirurgiia 38 no. 10: 44-50 O '62.

Treatment of acute pulmonary edema under anesthesia in patients with mitral stenosis. IU. S. Ezhov. Vest. AMN SSSR 17 no. 8: 29-34 '62.

Use of imbretil in anesthesia with controlled respiration. IU. N. Shanin and others. Vest. AMN SSSR 17 no. 8: 53-56 '62.

Use of narcohypnosis for anesthesia in surgical operations. E. A. Damir and others. Vest. AMN SSSR 17 no. 8: 25-29 '62.

ANESTHESIOLOGY

D'iachenko, P. K., and V. M. Vinogradov. [Specialized anesthesiology; selection of the method of anesthesia] Chastnaia anesteziologiia; vybor metoda obezbolivaniia. Leningrad, Medgiz, 1962. 407 p. (DNLM)

Minutes of the anesthesiology section of the Pirogov Surgical Society. Vest. khir. 89 no. 9: 153-157 S '62.

Porphyria and its significance in anesthesiology. L. N. Bauchidze. Vest. AMN SSSR 17 no. 8: 75-82 '62.

"Surgical position and anesthesia" by A. P. Zil'ber. Reviewed by V. P. Smol'nikov. Vest. AMN SSSR 17 no. 8: 89-91 '62.

ANESTHETICS

Mechanism of the prolonged anesthetic sleep produced with Shein-Ashman mixtures. Z. V. Volkova, V. P. Smol'nikov. Vest. AMN SSSR 17 no. 8 56-60 '62.

Xenon anesthesia in man. L. N. Buachidze, V. P. Smol'nikov. Vest AMN SSSR 17 no. 8 22-25 '62.

ANGIOCARDIOGRAPHY

Contrast examination of the heart and large vessels in constrictive pericarditis [with summary in English] IU. I. Blau, G. A. Kuchinskii. Kardiologiia 2 no. 5:56-59 S-O '62

Stereoangioroentgenographic and histotopographic study of the cardiac vessels in congenital defects [with summary in English]. L. D. Krymskii, V. D. Arutiunov. Kardiologiia 2 no. 5 27-33 S-O '62

ANGIOGRAPHY

Age morphology of brain vessels in an angiographic visualization. M. D. Gal'perin. Trudy Gos nauch.-issl. psikhonevr. inst. 28 107-126 '62

Differential X-ray diagnosis of chronic obstruction of the arteries of the lower extremities [with summary in English]. E. M. Grapman. Klin. med. 40 no. 10:82-86 O '62.

Natsvlishvili, G. A. [Thoracic aortography] Grudnaia aortografiia. Tbilisi, Gos. izd-vo uchebno-pedagog. lit-ry "TSodna," 1962. 136 p. (DNLM)

Operative roentgenomanometry of the biliary tract [with summary in English] IU. A. Chistiakov. Khirurgiia 38 no. 10:74-81 O '62

ANGOLA—POLITICAL ATROCITIES

Punishment in Angola. Az. i Afr. seg. no. 12:19 D '62.

ANGOLA—POLITICS AND GOVERNMENT

Further stage in the struggle for the independence of Angola, interview with Mario de Andrade, President of the National Movement for the Liberation of Angola. Az. i Afr. seg. no. 12, 28-31 D '62.

ANGREN REGION—COAL GEOLOGY

Facies of peat bogs and the structure of coal seams in the Angren region. S. S. Aikhodzhaev. Vop. geol. Uzb. no. 2:96-104 '61.

ANGREN REGION—GEOLOGY, STRATIGRAPHIC

Lithofacies division of Jurassic sediments in the Angren region. A. A. Abdullakhodzhaev. Vop. geol. Uzb. no. 2: 105-113 '61.

ANGREN REGION—PEAT BOGS

Facies of peat bogs and the structure of coal seams in the Angren region. S. S. Aikhodzhaev. Vop. geol. Uzb. no. 2:95-104 '61.

ANGULAR MOMENTUM (NUCLEAR PHYSICS)

Analytical properties of partial scattering amplitudes of charged particles. Part 2. Arbitrary l [with summary in English]. IU. L. Mentkovs'kyi. Ukr. fiz. zhur. 7 no. 9:960-966 S '62.

Expansion of scattering amplitudes in relativistic spherical functions [with summary in English]. I. S. Shapiro. Zhur. eksp. i teor. fiz. 43 no. 5:1727-1730 N '62.

ANHYDRIDES

Use of hexamethylenimine in the quantitative determination of carboxyl and sulfonyl halides [with summary in English] A. P. Terent'ev and others. Zhur. anal. khim. 17 no. 7:900-902 O '62.

ANILINE

Catalytic hydrogenation of dianils of glutaconaldehyde and their salts (pyridine dyes). N. E. Grigor'eva, L. I. Shcherbakova, I. K. Gintse. Ukr. khim. zhur. 28 no. 7:848-851 '62.

Derivatives of aniline and phenol as effective inhibitors of titanium corrosion in hydrochloric acid. A. P. Brynza, L. I. Gerasiutina. Ukr. khim. zhur. 28 no. 9:1085-1088 '62.

ANILINE—TOXICOLOGY

Cancerogenic substances in the aniline dye industry and prophylactic measures [with summary in English]. Gig. truda i prof. zab. 6 no. 6:17-24 Je '62.

Study of the cancerogenic properties of some products of the aniline dye industry (1, 5-naphtalenediamine and 1, 8-naphthalenediamine hydrochloride). G. B. Pliss. Gig. truda i prof. zab. 6 no. 6 44-48 Je '62.

ANIMAL EXTRACTS

Comparative microscopic study of the action of substances of Actinomyces and animal origin on Ehrlich ascites tumor cells [with summary in English]. V. I. Boiko. Antibiotiki 7 no. 9:815-822 S '62.

ANIMAL INTRODUCTION
(see also subdivision under Armenia)

Acclimatization of commercial crabs in the Barents Sea. IU. I. Orlov. Trudy Gidrobiol. ob-va 12:400-409 '62.

Effect of water with increased calcium content on the molluska of the Sea of Azov; materials on the acclimatization of Syndesmya ovata and Corbulomya maeotica in the Aral Sea. A. F. Karpevich. Trudy Gidrobiol. ob-va 12:42-54 '62.

ANIMAL LOCOMOTION

Living engine. G. Novinskii. Izobr. i rats. no. 12:11 D '62.

ANIMALS, AQUATIC see Marine fauna

ANIMALS, FOOD HABITS OF

Daily requirement of natural food by muskrats [with summary in English]. L. I. Krasovskii. Zool. zhur. 41 no. 10:1529-1535 O '62.

ANIMALS AS CARRIERS OF DISEASE

Korostelev, N. B. [Animals and the health of man] Zhivotnye i zdorov'e cheloveka. Moskva, Izd-vo "Znanie," 1962. 55 p. (Narodnyi universitet kul'tury. Fakul'tet zdorov'ia, no. 11)

Rementsova, M. M. [Brucellosis in wild animals] Brutsellez dikikh zhivotnykh. Pod red. I. G. Galuzo. Alma-Ata, Izd-vo Akad. nauk Kazakhskoi SSR, 1962. 254 p. (DNLM)

ANIMALS IN MOTION PICTURES

Our friend, "the Pirate." Ukraina no. 20:32 O '62.

ANION EXCHANGE

Chemical stability of anion exchangers in nitric acid solutions. E. I. Kazantsev. Zhur. prikl. khim. 35 no. 11 2567-2569 N '62.

ANNEALING OF METALS

Effect of small additions of carbon on the kinetics of recovery and recrystallization of alpha-iron. L. N. Larikov, E. F. Zasimchuk, V. S. Shkirov. Fiz. met. i metalloved. 14 no. 2:218-222 Ag '62.

ANNIVERSARIES

Calendar of noteworthy dates. Geog. v shkole 25 no. 6: 82 N-D '62.

Commemorative dates for October-December, 1962. V. V. Tikhomirov, N. A. Voskresenskaia. Sov. geol. 5 no. 11:125-130 N '62.

ANOXEMIA

Reticulocytic reaction of the blood as an index of hypoxia during surgery under anesthesia and during the postoperative period [with summary in English] M. I. Kuzin, N. A. Osipova. Khirurgiia 38 no. 10, 44-50 O '62.

Studying biopotentials and oxygen tension in brain tissues during hypoxia [with summary in English]. E. A. Kovalenko, V. B. Malkin. Probl. kosm. biol. 1 427-437 '62.

Use of artificial hypothermia for the prevention and treatment of pleuropulmonary shock in an experiment [with summary in English]. I. D. Kudrin. Vest. khir. 89 no. 9:78-82 S '62.

ANOXIA (INSECT)—EXTERMINATION see subdivision under Rumania

ANTAGONISM (BACTERIA) see Antibiosis

ANTARCTIC REGIONS—GRAVIMETRY

Gravimetric determinations on the Ob' diesel-electric ship on the first Antarctic voyage. A. G. Gainanov. Mor. grav. issl. no. 1:23-36 '61.

Marine determinations of gravity in the Antarctica, 1956-1957. N. P. Grushinskii. Mor. grav. issl. no. 1: 41-62 '61.

Method and results of gravity determinations in the Antarctica. I. E. Zommer, A. G. Gainanov. Mor. grav. issl. no. 1:63-69 '61.

ANTARCTIC REGIONS—HYDROGRAPHY

Soviet hydrographic investigations in the Antarctic. V. Malitsev. Mor. flot 22 no. 12:10-11 D '62.

ANTARCTIC REGIONS—INSECTS

Insects of Antarctica. G. V. Konovalov. Priroda 51 no. 12:102 D '62.

ANTARCTIC REGIONS—METEOROLOGY

Gaigerov, S. S. [Problems of aerological structure, circulation and climate of the free atmosphere in the central Arctic and in the Antarctic] Voprosy aerologicheskogo stroeniia, tsirkuliatsii i klimata svobodnoi atmosfery TSentral'noi Arktiki i Antarktiki. Moskva, Izd-vo Akad. nauk SSSR, 1962. 317 p. (Akademiia nauk SSSR. Mezhduvedomstvennyi komitet po provedeniiu Mezhdunarodnogo geofizicheskogo goda. II razdel programmy MMG: Meteorologiia, no. 4) [With summary in English]

ANTARCTIC REGIONS—RUSSIAN EXPLORATION

Investigating the approaches to the Antarctic islands of Balleny and Peter I. P. Volkov. Mor. flot 22 no. 11: 40-42 N '62.

Next Antarctic expedition. Mor. flot 22 no. 9:46 S '62.

Nudel'man, A. V. [Soviet expeditions to the Antarctica, 1959-1961] Sovetskie ekspeditsii v Antarktiku, 1959-1961 gg. Otvet. red. B. I. Silkin. Moskva, Izd-vo Akad. nauk SSSR, 1962. 140 p. [With summary in English]

ANTARCTIC REGIONS—SNOW—ELECTRIC PROPERTIES

Electricity of snowstorms. T. V. Lobodin. Trudy GGO no. 136:62-77 '62.

ANTARCTIC REGIONS—WHALING

Long journey (conclusion). Igor' Nevelov. Sov. Ukr. 12 no. 10:131-147 O '62.

ANTENNAS (ELECTRONICS)

Roznikov, G. B. [Aircraft antennas] Samoletnye antenny. Moskva, Sovetskoe radio, 1962. 455 p.

ANTENNAS (ELECTRONICS)—CONGRESSES

Symposium on electromagnetic theory and antennas. N. A. Kuz'min, M. V. Persikov. Vest. AN SSSR 32 no. 12:79-80 D '62.

ANTHRACENE

Feasibility of induced radiation in systems with electronic-vibrational levels. V. L. Broude and others. Fiz. tver. tela 4 no. 10:2976-2978 O '62

ANTHRACENE—ELECTRIC PROPERTIES

Temperature dependence of dark currents in anthracene IU. I. Plotnikov. Fiz. tver. tela 4 no. 11:3104-3109 N '62.

ANTHRADIOL

Nitroso derivatives of 2, 6-dihydroxyanthracene and their bisulfite compounds. M. V. Gorelik, T. A. Mikhailova. Zhur. VKHO 7 no. 6:700-701 '62

ANTHROPOLOGICAL MUSEUMS AND COLLECTIONS see subdivision under Moscow

ANTIBIOSIS

Distribution of actinomyces antagonistic to cotton wilt in the soils of Uzbekistan [with summary in English]. G. M. Kublanovskaia. Mikrobiologiia 31 no. 3:502-506 My-Je '62.

Micro-organisms antagonistic to Ustilago zeae Unger [with summary in English]. Z. N. Fedoseeva. Mikrobiologiia 31 no. 3:499-501 My-Je '62.

ANTIBIOTICS

Action of antibiotics in combination with cholinomimetic substances. S. P. Zakrividoroga, I. I. Rybas. Vrach. delo no. 12:87-90 D '62.

Antimicrobial activity of nitrofuran series preparations in the combination with antibiotics. Report 3. Nature of the effectiveness of nitrofuran series preparations in the combination with antibiotics in white rat septicemia caused by bacteria of the genus Proteus. L. Alekseeva. Izv. AN Latv. SSR no. 1:101-108 '61.

Clinical use of aurantin on malignant neoplasms [with summary in English]. S. S. Akop'iants. Antibiotiki 7 no. 9:832-836 S '62.

Comparative microscopic study of the action of substances of Actinomyces and animal origin on Ehrlich ascites tumor cells [with summary in English]. V. I. Boiko. Antibiotiki 7 no. 9:815-822 S '62.

Direct determination of the sensitivity of the intestinal microflora to antibiotics. A. A. Chupin. Lab. delo 8 no. 5, 42-43 My '62.

Effect of chloramphenicol (levomycetin), oleptomycin, and oxytetracycline on the activity of acetylation enzyme [with summary in English]. A. I. Korotiaev. Mikrobiologiia 31 no. 3:482-485 My-Je '62.

Effect of desoxycorticosterone acetate, vitamin B12, cutaneous gland secretions of a toad, antibiotics, and campolon on the course and outcome of acute experimental radiation injury. E. G. Dolgov. Zdrav. Kazakh. 23 no. 3:47-50 '62.

Ermol'eva, Z. V., ed. [Antibiotics; and experimental and clinical study] Antibiotiki; eksperimental'no-klinicheskoe izuchenie. Sbornik rabot. Moskva, Medgiz, 1959. 434 p. (NJR)

Isolation and properties of some antibiotics-pigments from a culture fluid of strain No. 2844-31 of Act. prasinocolor [with summary in English]. D. M. Trakhtenberg and others. Antibiotiki 7 no. 9:776-783 S '62.

Mechanism of the weakening of the bactericidal action of colimycin on infectious purulent foci [with summary in English]. V. S. Zueva. Antibiotiki 7 no. 9:804-809 S '62.

Method for producing and studying antibiotic-resistant strains of micro-organisms. N. F. Gamaleia. Lab. delo 8 no. 6:43-46 My '62.

Mycerin therapy of urological and surgical patients with purulent infections. V. D. Vol'fovskii. Urologiia no. 5: 25-29 '62.

Rapid method for determining staphylococcal sensitivity to antibiotics. V. R. Sobolev, I. V. Vlasova. Lab. delo 8 no. 6:40-42 My '62.

Some production and scientific problems in the field of antibiotics. A. G. Natradze. Antibiotiki 7 no. 9 771-776 S '62.

Study of the therapeutic action of monomycin on white mice infected with Mycobacterium lepraе murium [with summary in English]. V. N. Pogorelov, L. M. Chernysheva. Antibiotiki 7 no. 9:810-813 S '62.

Studying the conditions for partitioning the antibiotics of the mycetin-violarine group by paper chromatography [with summary in English]. G. Z. IAkubov, IU. M. Khokhlova, N. O. Blinov. Mikrobiologiia 31 no. 3:528-533 My-Je '62.

Therapeutic properties of "neocid". V. S. Derkach. Antibiotiki 7 no. 9:813-815 S '62.

ANTIBIOTICS—STERILIZATION

Radiation sterilization of antibiotic preparations [with summary in English]. V. I. Pochapinskii, Z. V. Ermol'eva, A. Kh. Breger. Antibiotiki 7 no. 9:786-789 S '62.

ANTICOAGULANTS (MEDICINE)

Effectiveness of late anticoagulant therapy in cerebral vascular thrombosis. L. IA. Livshits, S. O. Parsamov, Klin. med. no. 9:137-139 '62.

ANTICONVULSANTS

Anticonvulsive action of some types of plants of the Lagochylus family. T. R. Abdurakhmanov. Med. zhur. Uzb. no. 3:59-60 Mr '62.

ANTIGENS AND ANTIBODIES

Antigenic properties of ascaride. E. S. Lotkina, N. P. Shikhobalova, A. A. Mozgovoi. Trudy Gel'm. lab. 11: 153-158 '61.

Effect of freeze-drying on the antigenic properties of the skin [with summary in English]. E. M. Snakkants. Khirurgiia 38 no. 10:26-31 O '62

Morphological reaction of the animal organism to the administration of chemical complexes of Mycobacterium tuberculosis [with summary in French]. A. I. Toganova, A. E. Chigir inskii. Probl. tub. no. 7:72-76 '62.

Polysaccharide in complete antigen and other polysaccharide fractions in B. Brenlau and in secondary cultures regenerated from its filtrates. Report No. 3: Quantitative determination of monosaccharides and polysaccharides by the chromatographic method [with summary in English]. I. IA. Zakharova. Mikrobiol. zhur. 24 no. 2:18-22 '62

Resistance (adaptation) of the organism to some medicinal preparations [with summary in English]. N. S. Petrov. Vrach. delo no. 12:72-79 D '62.

Specific cerebral antigens and autosensitization against them in a series of mental diseases. K. N. Nazarov. Zhur. nevr. i psikh. 62 no. 8:1211-1218 Ag '62.

ANTIGENS AND ANTIBODIES—ANALYSIS

Agar diffusion method for the determination of small concentrations of streptomycin and dihydrostreptomycin [with summary in English]. E. N. Druzhinina, D. V. Suvorkina. Antibiotiki 7 no. 9:825-830 S '62.

ANTIMONY

Electric transfer of antimony in aluminum [with summary in English]. P. P. Kuz'menko, V. S. Koval'chuk. Ukr. fiz. zhur. 7 no. 12:1350-1354 D '62.

Photomechanical effect in antimony. P. P. Kuz'menko, N. N. Novikov, N. IA. Gorid'ko. Fiz. tver. tela 4 no. 10: 2550-2559 O '62.

ANTIMONY—ISOTOPES

Diffusion and mobility of Sb^{124} in nickel. P. P. Kuz'menko, G. P. Grinevich. Fiz. tver. tela 4 no. 11:3266-3269 N '62.

ANTIMONY CHLORIDE

Relative intensities of nuclear quadrupole resonance lines of Sb^{121} in antimony trichloride [with summary in English]. V. S. Grechishkin, I. A. Klimtsel'. Zhur. eksp. i teor. fiz. 43 no. 5:1712-1713 N '62.

ANTIMONY COMPOUNDS

Polarographic investigation of antimony complexes with ethylenediaminetetraacetic and 1, 2-diaminocyclohexanetetraacetic acids. M. M. Privalova, D. I. Ryabchikov. Zhur. neorg. khim. 7 no. 11:2537-2544 N '62.

ANTIMONY-COPPER-ZINC ALLOYS see Copper-zinc-antimony alloys

ANTIMONY ORES see subdivision under Fergana

ANTIMONY ORES—CLASSIFICATION

Classification of geological types of mercury and antimony deposits. V. E. Polarkov. Razved. i okh. nedr. 28 no. 11:6-14 N '62

ANTIMONY-YTTRIUM-BISMUTH ALLOYS see Yttrium-bismuth-antimony alloys

ANTIOXIDANTS

Nonadditive effect in the stabilization of polyformaldehyde by the addition of polyamides and antioxidants [with summary in English]. V. R. Allakhov and others. Vysokom. soed. 4 no. 12:1887 D '62.

ANTIQUITIES see Archaeology; also subdivision 'Antiquities' under Egypt; Kaushany District; Khorezm Province; Kupan' region; Kyrlia Valley; Latvia; Maritime Territory; Panticapaeum; Rhodesia; Rumania; Serzhen'-Yurt

ANTIRELIGIOUS MOTION PICTURES see Motion pictures, Antireligious

ANTIRELIGIOUS MUSEUMS see subdivision under Kiev

ANTONOV, FEDOR TIKHONOVICH

Once in the night... V. Kryzhenko. Voen. znan. 38 no. 12:5 D '62.

ANUS—SURGERY

Formation of an artificial anus [with summary in English]. A. M. Aminev, Sh. B. Dolinko. Khirurgiia 38 no. 10:103-106 O '62

AORTA—DISEASES

Marina, Ovidiu. [Diagnosis of aortic coarctation] Diagnostika koarktatsii aorty. Moskva, Medgiz, 1961. 208 p. (DNLM)

AORTIC VALVE—DISEASES

Diagnostic problems in aortic stenosis. A. L. Shternberg, I. V. Shahan. Kardiologiia 2 no. 5:38-42 S-O '62.

APARTMENT HOUSES

(see also subdivision under China; Kadievka; Krasnoarmeyskiy, Donetskiy Province; Krivoy Rog, Leningrad; Moscow, Sverdlovsk)

Akademiia stroitel'stva i arkhitektury SSSR. Institut ekonomiki stroitel'stva. TSentral'noe normativno-issledovatel'skoe biuro. [Recommendations on the development and utilization of standard calculations for piecework assignments in construction of apartment houses according to standard plans] Rekomendatsii po razrabotke i primeneniiu tipovykh kal'kuliatsii dlia akkordnykh narIadov pri stroitel'stve zhilykh zdanii po tipovym proektam. Moskva, Gosstroiizdat, 1962. 120 p.

Akademiia stroitel'stva i arkhitektury SSSR. Institut organizatsii, mekhanizatsii i tekhnicheskoi pomoshchi stroitel'stvu. [Houses made of keramzit-concrete slabs] Doma iz keramzitobetonnykh panelei; opyt kombinata zhelezobetonnykh izdelii No. 355. Moskva, Gosstroiizdat, 1962. 20 p. [MICROFILM]

Khmoliuk, K. D., and N. N. Dushkin. [Heat and mass exchange in the exterior elements of apartment houses] Teplomassoobmen v ograzhdaiushchikh konstruktsiiakh zhilykh zdanii. Pod red. B. N. Lobacva. Kiev, Gosstroiizdat, 1962. 93 p.

Large-panel apartment houses with perlite concrete slabs for the exterior walls. N. V. Morozov, M. V. Strizhevskii. Bet. i zhel.-bet. 8 no. 9:408-410 S '62.

"Our apartment house" by O. Nazarov. Reviewed by A. Novikov. Zhil.-kom. khoz. 12 no. 6:34-35 Je '62

Shaburnikov, V. N. [Construction of apartment houses from large three-dimensional elements] Krupnoob"emnoe domostroenie; iz opyta proektirovaniia i stroitel'stva v SSSR. [Cheliabinsk] Cheliabinskoe knizhnoe izd-vo, 1961. 156 p.

Unit-flow line in the manufacture of outside wall slabs for series 1-464A houses. A. A. Gromov. Mekh. stroi. 19 no. 12:3-4 D '62.

APARTMENT HOUSES—HEATING AND VENTILATION

Hygienic factors in a one-family apartment. Kh. Zarivalskaia. Arkhit. SSSR no. 11:43-45 '62.

APARTMENT HOUSES—MAINTENANCE AND REPAIR

Repairing by rapid methods. L. Isakov. Zhil.-kom. khoz. 12 no. 6:21-22 Je '62.

APARTMENT HOUSES—VENTILATION see subdivision under Ukraine

APARTMENT HOUSES, COOPERATIVE

Cooperative building of apartment houses. D. Pudikov. Sov. deput. trud. no. 12:41-44 D '62.

APATITE see subdivision under Novomirgorod Massif

APLITE see subdivision under Gissar Range

APOPLEXY

Surgical treatment of cerebral insultus [with summary in French]. U. U. Lebedev. Zhur. nevr. i psikh. 62 no. 8:1160-1166 Ag '62.

APPARAO, GJURUZADA VENKATA, 1862-

Gjurazada Apparao, writer and humanist. Z. Petrunichova. Az. i Afr. seg. no. 12:43 D '62.

APPELLATE COURTS see subdivision under Kostroma Province

APPELLATE PROCEDURE

Losnitskaia, L. F. [Legal grounds for the reversal of judicial decisions by appellate courts] Osnovaniia k otmene obzhalovannykh sudebnykh reshenii. Moskva, Gosiurizdat, 1962. 132 p.

APPENDICITIS

Diagnosis of acute appendicitis. A. K. Pankratov. Vest. khir. 89 no. 9:125-127 S '62.

Diagnosis of acute appendicitis. M. TSvetkov-Ivanov. Khirurgiia 38 no. 10:121-122 O '62.

Diagnostic significance of Zakharin-Head and Villarnovskii zones and of viscero-cutaneous-vasomotor reflexes in acute appendicitis [with summary in English]. Z. Z. Alimov. Klin. med. no. 9:115-121 '62.

Surgical treatment of periappendicular infiltrate and abscess. V. Sima. Khirurgiia 38 no. 10:97-100 O '62.

APPLE

Kordon, B. IA., and F. I. Pekhoto. [Apple tree] IAblonia. Leningrad, Izd-vo sel'khoz. lit-ry, zhurnalov i plakatov, 1962. 270 p. (CU)

Pickling of apples. E. D. Suprun. Nauch. trudy Ukr. nauch.-issl. inst. sad. no. 38:98-110 '62.

APPLE—DISEASES AND PESTS

(see also subdivision under White Russia)

Applying mercaptophos with foliar feeding. V. S. Babii, N. I. Krasnovskaia. Zashch. rast. ot vred. i bol. 6 no. 8:27-28 Ag '61.

Dinitrothiocyanatobenzene with colloidal sulfur. M. F. Zubov. Zashch. rast. ot vred. i bol. 7 no. 8:34-35 Ag '62.

APPLE—GRADING

Determining the quality of pome fruit on the basis of external characteristics. M. I. L'vovskii. Nauch. trudy Ukr. nauch.-issl. inst. sad. no. 38:74-97 '62.

APPLE—STORAGE

Effect of changes in the sugar and organic acid content on the quality and keeping of apple. E. F. Dem'ianets, E. D. Suprun. Nauch. trudy Ukr. nauch.-issl. inst. sad. no. 38:165-178 '62.

APPLE SCAB see subdivision under Kursk Province

APSHERON PENINSULA—BIRDS

Supplement to the list of birds of the Apsheron Peninsula. K. M. Gambarov. Uch. zap. AGU. Biol. ser. no. 6:35-37 '60.

APSHERON PENINSULA—GAS, NATURAL—GEOLOGY

Subsurface extension of the Kechaldag fold within the boundaries of the Baku syncline and its oil and gas potentials. B. V. Grigor'iants, G. P. Tamrazian. Izv. AN Azerb. SSR. Ser. geol.-geog. nauk i nefti no. 3:23-31 '62.

APSHERON PENINSULA—LIMESTONE

Study of physicomechanical properties of limestones in the Apsheron Peninsula. M. E. Efendi. Uch. zap. AGU. Geol.-geog. ser. no. 1:31-42 '59.

APSHERON PENINSULA—PETROLEUM GEOLOGY

Oil volcanism and oil potential of the producing layer in the Apsheron Peninsula. V. A. Gorin. Uch. zap. AGU. Geol.-geog. ser. no. 1:3-9 '59.

Subsurface extension of the Kechaldag fold within the boundaries of the Baku syncline and its oil and gas potentials. B. V. Grigor'iants, G. P. Tamrazian. Izv. AN Azerb. SSR. Ser. geol.-geog. nauk i nefti no. 3:23-31 '62.

APSHERON PENINSULA—PREGNANCY

Carbonic anhydrase in the blood and the anhydrase index in actually healthy women builders of the petroleum district in eastern Apsheron during the child bearing period. M. M. Seidova. Uch. zap. AGU. Biol. ser. no. 6: 55-60 '60.

AQUALUNG

Using an aqualung in topographic surveys. L. Konstantinov. Voen. znan. 38 no. 12:35 D '62.

AQUATION

Aquation kinetics of trans-dichloro-bis-ethylenediamine cobalti chloride. V. N. Vasil'eva, K. B. IAtsimirskii. Zhur. neorg. khim. 7 no. 11:2520-2523 N '62.

AQUEDUCTS

Further improvement of the operations-flow method of working trenches by layers in the Virgin Territory. L. A. Morgulis, P. G. Bogusiavskii. Stroi truboprov. 7 no. 11:17-19 N '62.

Study of crack formation in concrete linings of high-pressure conduits. G. P. Verbetskii. Gidr. stroi. 33 no. 10:20-24 O '62

Two cases of accidents in the construction of a large water conduit. M. G. Mamedaliev, E. S. Krongol'd, V. I. Tochilov. Vod. i san. tekh. no. 10:33-34 O '62.

AQUEOUS HUMOR

Effect of stimulators on the mediator activity of the aqueous humor in experimental herpetic keratitis. N. L. Malanova. Vest. oft. no. 5:7-10 '62.

ARAB COUNTRIES—MILITARY BASES, FOREIGN

Barriers on the way to peace and progress. A. Zhemchugov. Az. i Afr. seg. no. 12:25-27 D '62.

ARABIC LITERATURE—HISTORY AND CRITICISM

Arabian literature and social progress. Muhammed Mandur. Az. i Afr. seg. no. 12:46-47 D '62.

ARABINOSE

Dynamics of the deadaptation of L-arabinose-adapted Candida tropicalis yeasts SD-5(T-3) [with summary in English]. IU. N. Karasevich. Mikrobiologiia 31 no. 3: 434-442 My-Je '62.

ARACHNIDA

Study of crustaceans and arachnids. I. A. Nevskii. Biol. v shkole no. 4:42-47 Jl-Ag '62.

ARACHNODACTYLY

Arachnodactyly (Marfan's disease). V. P. Kessel', N. M. Kubasova. Terap. arkh. no. 8:123-124 '62.

Effect of water with increased calcium content on the mollusks of the Sea of Azov, materials on the acclimatization of Syndesmya ovata and Corbulomya maeotica in the Aral Sea. A F. Karpevich. Trudy Gidrobiol ob-va 12 42-54 '62

ARALIA

Treatment with Aralia mandschurica infusion of an asthenic state in cerebral vasopathy and initial atherosclerosis of the vessels of the brain. S. I. Skorniakova Trudy Gos. nauch.-issl. inst. psikh. 25 335-341 '61.

ARARAT REGION—SPARROWS—EXTERMINATION

Very small amounts of fluoroacetate for rodent and sparrow control O R Avetisian, R S, Shagoian Zashch rast ot vred i bol 7 no 6:31-32 Je '62

ARBITRATION, INDUSTRIAL

[Collection of rules of the State Arbitration Commission] Sbor instr ukaz Gos arbitr no. 19/20 '62.

ARBITRATION AND AWARD

Decisions of arbitration agencies. Sov. just no. 11 31 Je '62.

Decisions of arbitration agencies. Sov. just. no. 22 32 N '62.

Decisions of arbitration agencies Sov just no 23 30 D '62

From the practice of arbitration agencies. Sov just. no 10 27-30 My '62

Let us improve procedure in the execution of the decisions of arbitration agencies. F. Liberman, Sov. just, no. 22 17-18 N '62.

Morgulis, M I [Practice of State Arbitration agencies in matters of transfer of industrial enterprises, buildings, structures and equipment] Voprosy peredachi predpriiatii, zdanii, sooruzhenii i oborudovaniia v praktike Gosarbitrazha. Otv. red. O N Sadikov Moskva, Gosiurizdat, 1962 78 p (Bibliotechka khoziaistvennika i rabotnika iuridicheskoi sluzhby)

ARBUZOV REARRANGEMENT see Rearrangements (Chemistry)

ARC WELDING see Electric welding

ARCHAEOLOGICAL SOCIETIES see subdivision under Odessa

ARCHAEOLOGY see subdivision under Kuban Valley

ARCHAEOLOGY—BIBLIOGRAPHY see Bibliography—Archaeology

ARCHANGEL—CIVIC IMPROVEMENT

Have I done something good for my city? A. Loginov Sov. deput. trud. no. 12 48-49 D '62.

ARCHANGEL—COMMUNICABLE DISEASES

Level of ascorbic acid in the blood in healthy subjects and in acute infections in Archangel [with summary in English]. Z. A. Kopylova, T. L. Komolikova. Vop. pit. 21 no. 4 66-71 Jl-Ag '62.

ARCHANGEL PROVINCE—LUMBER—TRANSPORTATION

State of switching systems on narrow-gauge lumber railroads. G. A. Kalinin. Izv. vys. ucheb. zav., les. zhur. 4 no. 5:90-94 '61.

ARCHANGEL PROVINCE—RAILROADS—SWITCHES

State of switching systems on narrow-gauge lumber railroads. G. A. Kalinin. Izv. vys. ucheb. zav., les. zhur. 4 no. 5:90-94 '61.

ARCHES

The design of arches erected using prestressed wedges. V. A. Slovinskii. Trudy GPI [Gruz.] no. 5:111-115 '61

Long-span reinforced concrete ribbed arch R. N Matselinskii, N. I Katin, A. N Stul'chikov. Prom. stroi 40 no. 11 34-36 '62

The problem of taking into account the plastic properties of concrete in designing hingeless arches. E A Sarkisian. Trudy GPI [Gruz.] no. 5:103-109 '61.

ARCHITECTURAL DECORATION AND ORNAMENT see Decoration and ornament, Architectural

ARCHITECTURE
(see also subdivision under Kiev; Peiping)

Akademiia stroitel'stva i arkhitektury SSSR, Institut teorii i istorii arkhitektury i stroitel'noi tekhniki [History of Soviet architecture, 1917-1958] Istoriia sovetskoi arkhitektury, 1917-1958. Moskva, Gosstroiizdat, 1962. 345 p

Architecture, economics, and time. K. Butuzova. Arkhit. SSSR no. 7:1-2 '62.

Architecture of world and international exhibitions and fairs. N. IA. Matveeva. Opyt zarub. stroi. no. 5:5-102 '62.

A criterion for evaluation of the architecture of capitalist countries. S. Khan-Magomedov. Stroi. i arkhit. 10 no. 11:16-21 N '62.

The great anniversary. Stroi. i arkhit. 10 no. 11:1-2 N '62.

Ideas of rationalism in Russian architecture of the second half of the 19th century. A. Punin. Arkhit. SSSR no. 11:55-58 '62.

and industrial buildings] Arkhitektura grazhdanskikh i promyshlennykh zdanii. Pod obshchei red. L. G. Oslpova. Moskva, Gosstroizdat, 1962. 334 p.

ARCHITECTURE—BIBLIOGRAPHY see Bibliography—Architecture

ARCHITECTURE—DESIGNS AND PLANS
(see also subdivision under Vilnius)

Electronic calculating techniques in design. A. Vishnevskii. Na stroi. Ros. 3 no. 6:25-27 S '62.

Plan of a complex of communication buildings. V Dubok. Stroi. i arkhit. 10 no. 11:14-15 N '62.

Procedures for financing planning and surveying work; letter No. 14, of the Construction Bank of the U.S.S.R., September 15, 1959. Sbor. post., prik. i instr. po fin.-khoz vop. 27 no. 11:5-9 N '59.

What should architecture be like? G Shemiakin Sov. profsoiuzy 18 no. 23 30-32 D '62.

ARCHITECTURE, DOMESTIC see subdivision under Lithuania

ARCHITECTURE, GEORGIAN see subdivision under Mtskheta

ARCHITECTURE, MODERN

Kirillova, L. I. [New building materials and architectural form] Novye stroitel'nye materialy i arkhitekturnaia forma. Moskva, Gosstroiizdat, 1962. 120 p.

ARCHITECTURE AND CLIMATE see subdivision under Africa, India

ARCHIVES
(see also subdivision under Ukraine)

We should try to increase the collections of our archives V Z Drobizhev, A A Novikova, Vop ist no. 12 198-200 D '62

ARCTIC FOX see subdivision under Nenets National Area

ARCTIC MEDICINE see subdivision under Murmansk region

ARCTIC REGIONS

Great Arctic route. A. Afanas'ev. Mor. flot 22 no. 12: 1-3 D '62.

Ice generation (conclusion). E. Fedorovskii. Vokrug sveta no. 10:17-20, 24-25 O '62.

ARCTIC REGIONS—CLIMATE

Polar ice and climate. M. I. Budyko. Izv. AN SSSR, Ser. geog. no. 6:3-10 N-D '62.

ARCTIC REGIONS—DRIFTING ICE STATIONS

News from polar stations. Mor. flot 22 no. 12:7-9 D '62.

ARCTIC REGIONS—METEOROLOGY

Gaigerov, S. S. [Problems of aerological structure, circulation and climate of the free atmosphere in the central Arctic and in the Antarctic] Voprosy aerologicheskogo stroeniia, tsirkuliatsii i klimata svobodnoi atmosfery Tsentral'noi Arktiki i Antarktiki. Moskva, Izd-vo Akad. nauk SSSR, 1962. 317 p. (Akademiia nauk SSSR. Mezhduvedomstvennyi komitet po provedeniiu Mezhdunarodnogo geofizicheskogo goda. II razdel programmy MMG: Meteorologiia, no. 4) [With summary in English]

ARCTIC REGIONS—RUSSIAN EXPLORATION

Northeastern polar expedition. B. Konov. Mor. flot 22 no. 12:6-9 D '62.

Outstanding explorer of the Northern regions V. Peseteskii. Mor flot 22 no 9 39-40 S '62

ARCTIC REGIONS—SHIPPING

Across five seas. V. V. Grigor'ev. Vokrug sveta no. 10:25 O '62.

ARCTIC REGIONS—TRANSPORTATION

The air footwear of transportation. G Lipman, B Likhterman Tekh. mol. 30 no. 10 18-21 '62.

ARGALI see subdivision under Alay Range

ARGASIDAE see subdivision under Turkmenistan

ARGILLIZATION

Concerning the remarks by G. T. Volostnykh and others on the article "Metasomatic zoning in the argillization of granite-porphyries in contact ore bodies." IU. V. Kazitsyn, G. V. Aleksandrov. Geol. rud. mestorozh. no. 5:101-102 S-O '62.

ARGUN VALLEY—BRONZE AGE

Monuments of the Bronze epoch in the gorge of the Argun River. V. I. Markovin. Krat. soob. Inst. arkheol. no. 88:45-50 '62.

ARID REGIONS—CONGRESSES

International Symposium on the Hydrogeology of Dry Zones. Vest. AN SSSR 32 no. 12:83-84 D '62.

ARITHMETIC—PROBLEMS, EXERCISES, ETC.

Analyzing the process of solving simple arithmetic problems. Report No. 3. Solution variants for "concretely presented" problems. G. P. Shchedrovitskii, S. G. IAkobson. Dokl. APN 8 no. 4:35-38 '62.

A new species of the genus Chainia [with summary in English]. V. D. Kuznetsov. Mikrobiologiia 31 no. 3: 534-539 My-Je '62.

ARMENIA—ANIMAL INTRODUCTION

Acclimatization of spotted deer in Armenia. V. A. Atrumian. Izv. AN Arm. SSR Biol nauki 15 no. 11:69-78 N '62.

ARMENIA—AUTOMATION

"Avtomatika" Scientific Research Institute at the service of the industry. R. Ashastin, L. Mal'ian. Prom. Arm. 5 no. 11:52-54 N '62.

ARMENIA—BACTERIA, PHYTOPATHOGENIC

Distribution and the damaging effects of cucumber bacteriosis in Armenia. A A. Oganesian Izv AN Arm SSR. Biol. nauki 15 no. 11:63-68 N '62.

ARMENIA—BARLEY

Minasian, A. K. [Barleys of Armenia] Iachmeni Armenii. Erevan, Armgosizdat, 1961. 200 p. (DNAL)

ARMENIA—BEECH

Reproduction in the fern-type beech forest. P. S. Kapitonovskii. Izv. AN Arm. SSR. Biol. nauki 15 no. 11:27-36 N '62.

ARMENIA—CEMENT INDUSTRIES

Raw material resources for the Armenian cement industry. G. Mikogosian. Prom. Arm. 5 no. 11 10-13 N '62.

ARMENIA—CERAMICS

Ceramics. Prom. Arm. 5 no. 11:30 N '62.

ARMENIA—COPPER ORES

Conditions of the formation and location of copper-molybdenum porphyritic deposits in the Armenian S. S. R. I. G. Magakian, S. S. Mkrtchian, G. O. Pidzhian. Zakonom. razm. polezn. iskop. 5:321-325 '62.

ARMENIA—CUCUMBERS—DISEASES AND PESTS

Distribution and the damaging effects of cucumber bacteriosis in Armenia. A. A. Oganesian Izv. AN Arm. SSR. Biol nauki 15 no. 11:63-68 N '62.

ARMENIA—DAIRY CATTLE

Interrelation between the live weight and milk yield of Caucasian Brown cows [in Armenian with summary in English]. Kh. M. Simonian. Izv. Glav. upr. sel'khoz., nauk i podgot. kad. Arm. SSR 5 no. 4:79-86 '62.

ARMENIA—DEER

Acclimatization of spotted deer in Armenia. V. A. Atrumian. Izv. AN Arm. SSR. Biol. nauki 15 no. 11:69-78 N '62.

ARMENIA—ECONOMIC CONDITIONS

In the Economic Council of the Armenian S. S. R. Prom. Arm. 5 no. 11:68-69 N '62.

ARMENIA—EFFICIENCY, INDUSTRIAL

In commemoration of the Great October. Prom. Arm. 5 no. 11:3-6 N '62.

ARMENIA—FIELD CROPS—FERTILIZERS AND MANURES

Application dates and placement depth of basic fertilizers for crops, sugar beets, and potatoes [in Armenian with summary in Russian]. G. M. Davidovskii. Izv. Glav. upr. sel'khoz. nauk i podgot. kad. Arm. SSR 5 no. 4:39-51 '62.

ARMENIA—FOREST REPRODUCTION

Reproduction in the fern-type beech forest. P. S. Kapitonovskii. Izv. AN Arm. SSR. Biol. nauki 15 no. 11:27-36 N '62.

ARMENIA—FUNGI, PHYTOPATHOGENIC

Osipian, L. L. [Parasitic hyphal fungi of the Armenian S. S. R.] Parazitnye gifal'nye griby Armianskoi SSR. Erevan, Izd-vo Erevanskogo gos. univ., 1962. 255 p

ARMENIA—GUIDEBOOKS

Arutiunian, N. A. [Armenia; a tourist's guide] Armeniia, turisticheskii putevoditel'. Erevan, Armianskoe gos. izd-vo, 1962. 160 p.

ARMENIA—HISTORY

From the diplomatic history of the annexation of eastern Armenia by Russia. B. P Hulatian. Izv. AN Arm SSR Obshchestv. nauki no. 11:19-32 N '62.

Kirakos, Gandzakotsi. [History. Translated from the Old Armenian] Istoriia. Otv. red. A. G. Ter-Mateosian. Baku, Izd-vo AN Azerbaidzhanskoi SSR, 1948. 302 p.
(CU)

Parsamian, V. A., S. P. Pogosian, and Sh. R. Arutiunian [History of the Armenian people; a textbook for the eighth grade. Translated from the Armenian] Istoriia armianskogo naroda, uchebnik dlia VIII klassa. Pod red. S. T. Eremiana i G. B. Garibdzhanianа. [Erevan] Armuchpedgiz, 1962. 312 p.

ARMENIA—HYDROELECTRIC POWER STATIONS

Ways of saving electric power in hydroelectric power plants. G. Danielian. Prom. Arm. 5 no. 11:47-49 N '62.

ARMENIA—INDUSTRIAL EQUIPMENT—MAINTENANCE AND REPAIR
Take good care of expensive equipment. V. Sanamian. Prom. Arm. 5 no. 11:16-17 N '63.

ARMENIA—INDUSTRIAL MANAGEMENT
Improve the industrial management. K. Gambarian. Prom. Arm. 5 no. 11 6-8 N '63.
Problems of the efficient utilization of material resources in the enterprises. S. Semenova. Prom. Arm. 5 no. 11:18-22 N '63.

ARMENIA—INDUSTRIES
Brief news. Prom. Arm. 5 no. 11:70 N '63.

ARMENIA—INDUSTRIES—BIBLIOGRAPHY
New books and information material received by the scientific and technological library of the Armenian Economic Council. Prom. Arm. 5 no. 11:73-75 N '63.

ARMENIA—IRON FOUNDING
Conference on iron casting. N. Manukian. Prom. Arm. 5 no. 11:61-63 N '63.

ARMENIA—KURDS
The Kurds of Soviet Armenia. Kh. Chatoev. Az. i Aft. sog. no. 11 26-27 N '63.

ARMENIA—MAPS
Atlas of the Armenian S. S. R. Z. I. Marlynova, A. A. Mints. Geod. i kart. no. 4:53-57 Ap '63
Compiling complete regional atlases; on the publication of the atlas of the Armenian S. S. R. L. M. Bitushgena and others. Geod. i kart. no. 11:57-63 N '63.

ARMENIA—MECHANICAL ENGINEERING
Use a scientific basis for the development of the overall mechanization. S. Datskovskii. Prom. Arm. 5 no. 11. 27-28 N '63.

ARMENIA—MINES AND MINERAL RESOURCES
Raw material resources for the Armenian cement industry. G. Mikogosian. Prom. Arm. 5 no. 11. 10-13 N '63.

ARMENIA—MOLYBDENUM ORES
Comprehensive processing of molybdenum concentrate in the Kadzharan flotation plant. A. Grigorian. Prom. Arm. 5 no. 11:22-27 N '63.
Conditions of the formation and location of copper-molybdenum porphyritic deposits in the Armenian S. S. R. I. G. Magak'ian, S. S. Mkrtchian, G. O. Pidzhian. Zakonom. razm. polezn. iskop. 5:321-325 '63.

ARMENIA—PHYSICAL EDUCATION AND TRAINING
Charchoglian, A. E. [Physical culture and sports in the Armenian S. S. R.] Fizkul'tura i sport v Armianskoi SSR. Erevan, Armianskoe gos. izd-vo, 1961. 242 p.

ARMENIA—POTATOES
Development and efficient distribution of vegetable and potato production in Armenia [in Armenian with summary in Russian]. A. K. Airumian. Izv. Glav. upr. sel'khoz. nauk i podgot. kad. Arm. SSR 5 no. 4:3-18 '63.

ARMENIA—SERICULTURE
Bezhanian, Z. S. [Development of sericulture in the Armenian S. S. R.] Razvitie shelkovodstva v Armianskoi SSR. Erevan, Izd-vo M-va sel'. khoz. Armianskoi SSR, 1958. 24 p.

ARMENIA—SOILS
Determining the amount of obstacles in stony soils ("khra") and their classification [in Armenian with summary in Russian]. L. A. Khachatrian. Izv. Glav. upr. sel'khoz. nauk i podgot. kad. Arm. SSR 5 no. 4: 19-29 '63.

ARMENIA—SOILS—NITROGEN CONTENT
Comparing various methods used in determining the resources of available nitrogen compounds in soils of the mountainous districts of Armenia. N. O. Avakian. Izv. AN Arm. SSR. Biol. nauki 15 no. 11:19-26 N '62.

ARMENIA—SPORTS
Charchoglian, A. E. [Physical culture and sports in the Armenian S. S. R.] Fizkul'tura i sport v Armianskoi SSR. Erevan, Armianskoe gos. izd-vo, 1961. 242 p.

ARMENIA—STONE
Determining the amount of obstacles in stony soils ("khra") and their classification [in Armenian with summary in Russian]. L. A. Khachatrian. Izv. Glav. upr. sel'khoz. nauk i podgot. kad. Arm. SSR 5 no. 4: 19-29 '63.

ARMENIA—TECHNOLOGY—INFORMATION SERVICES
In the Armenian House of Technology. Prom. Arm. 5 no. 11:68-70 N '63.

ARMENIA—THEATER
"Chronicle of the Soviet Armenian theater; book one, 1917-1940" by B. Arutiunian. Reviewed by Suren Kocharian. Teatr 23 no. 11:143-144 N '63.

ARMENIA—VEGETABLE GARDENING
Development and efficient distribution of vegetable and potato production in Armenia [in Armenian with summary in Russian]. A. K. Airumian. Izv. Glav. upr. sel'khoz. nauk i podgot. kad. Arm. SSR 5 no. 4:3-18 '63.

ARMENIA—VINYL ACETATE
Rectification of raw vinyl acetate. V. Rudoi-Kolker, R. Sardarian. Prom. Arm. 5 no. 11:54-57 N '63.

ARMENIAN LANGUAGE—DIALECTS
Muradian, M. A. [The Shatakh dialect. Shatakhskii dialekt. Erevan, Izd-vo Erevanskogo gos. univ.] 1962. 220 p. [In Armenian with summaries in Russian and English]

ARMENIAN LANGUAGE—PHONETICS
Affricates in the Armenian language. A. A. Khachatrian. Izv. AN Arm SSR. Obshchestv nauki no 11 45-60 N '62

ARMIES see also subdivision 'Army' under Russia

AROMATIC COMPOUNDS
Role of water vapors in the reactions of the vapor-phase catalytic oxidation of aromatic compounds. V. S. Kudinova and others. Zhur. prikl. khim. 35 no 10 2313-2316 O '62.

AROMATIC COMPOUNDS—SPECTRA
On the origin of the long-wave absorption band in nitro amino compounds of the aromatic series. V. I Danilova. Izv. vys. ucheb. zav. fiz. no. 5:108-112 '62

AROMATIC PLANTS
(see also subdivision under Abkhazia, Georgia)
Effect of the ionizing radiation on the harvest yield and increase of essential oil content of basil and anise. P. A. Buzinov. Masl.-zhir. prom 28 no 11:28-29 N '62.

AROMATIZATION
Effect of additions on the increase in activity of catalysts for the dehydrocyclization of paraffins. M. I. Rozengart, Z. F. Kuznetsova. Kin. i kat. 3 no 6:942 N-D '62

ARRYTHMIA
Cause of the combination of the syndrome of premature ventricle stimulation (Wolff-Parkinson-White) with nodal rhythm. V. A. Ovsiannikov. Kardiologiia 2 no. 5 71-73 S-O '62
Effect of magnesium-disodium salts of EDTA on some experimental ventricular arrhythmias in dogs [with summary in English]. E. I. Gendenshtein, L. A. Karskaia. Biul. eksp. biol i med. 54 no. 11:72-76 N '62.
Rhythm disorder and ion metabolism in the heart muscle, based on materials in the foreign literature. N. V Kalinina. Kardiologiia 2 no. 5 78-85 S-O '62

ARSENAZO
Complex formation of arsenazo III with elements [with summary in English] S B Savvin Zhur anal khim 17 no 7:785-795 O '62.

ARSENIC
Conductivity of crystallizing glasses $GeSe_{1.5-x}As_x$ ($x \leq 0.5$) [with summary in English]. Z. U. Borisova, E. V. Shkol'nikov, I. I. Kozhina. Vest. LGU 17 no. 22 114-118 '62.
Conductivity of some vitreous $AsS_xSe_yGe_2$ materials [with summary in English]. V. N. Timofeeva, Z. U. Borisova. Vest. LGU 17 no. 22, 155-159 '62.
Conductivity of the vitreous system arsenic - selenium gallium [with summary in English]. Z. U. Borisova, A. I. Bobrov. Vest. LGU 17 no. 22, 159-164 '62.
Conductivity of the vitreous system arsenic - sulfur - thallium [with summary in English]. T. P. Markova. Vest. LGU 17 no. 22 99-104 '62.
Conductivity of the vitreous system As - Se - Ge [with summary in English]. L. A. Baidakov. Vest. LGU 17 no. 22 105-113 '62.
Conductivity of vitreous $AsSe_{5-x}S_x$ [with summary in English]. L. A. Baidakov, Z. U. Borisova, V. V. Ipat'eva. Vest. LGU 17 no. 22, 90-95 '62.
Dependence of the dissolving rate of vitreous $AsSe_x$ on the concentration of alkali in solution [with summary in English]. Z. U. Borisova, O. V. Il'inskaia, TSzin' Chzhan [Chin Chang]. Vest. LGU 17 no. 22 165-167 '62.
Dissolving rate of vitreous $AsSe_xTl$ in alkali solutions [with summary in English]. T. P. Markova, Z. U. Borisova. Vest. LGU 17 no. 22, 150-155 '62.
Experimental data on the conductivity of the arsenic - sulfur vitreous state system [with summary in English]. R. L. Miuller, L. A. Baidakov, Z. U. Borisova. Vest. LGU 17 no. 22, 77-80 '62.
Glass-forming K boundary in the system arsenic - sulfur - germanium. R. L. Miuller and others. Vest. LGU 17 no. 22, 146-150 '62.
State of germanium and arsenic in solutions and their separation by means of ion exchange. R. M. Dranitskaia, A. I Gavril'chenko, A. A. Morozov. Ukr khim zhur. 28 no 7 866-870 '62.
Theory of the leaching of arsenic from arsenous dusts by sodium sulfate solutions. I. R. Polyvianyi, IA Z. Malkin. Vest. AN Kazakh. SSR 18 no. 11:3-18 N '62.

ARSENIC OXIDE
Absorption of arsenous and selenous anhydrides in roast gas scrubbing by sulfuric acid. E. V. IAshke. Khim. prom. no. 10:740-742 O '62.

ARSENIC SULFIDE
Considerations on the structures of arsenic and lead sulfides. M. Th. le Bihan. Zhur. strukt. khim. 3 no. 6:718-720 '62.

ART
Attention and organization. Sov. knizh. torg. 14 no. 11: 6-8 '63.
Brief notes. Iskusstvo 25 no. 10 78-80 '62.
Conversation that should be continued. E. K. Sov. knizh. torg. 14 no. 11 9-10 '63.
Desire to create! G. Gelovani Iskusstvo 25 no 10 5-6 '62.
For unity of creative forces! Iskusstvo 25 no. 10 2-3 '62.
The principal way is by specialization. I. Shal'ga. Sov. knizh. torg. 14 no. 11 20-21 '62.
Traditions or canons? IU Kugach. Iskusstvo 25 no. 10 6-9 '62.
The year 1963. Sov. knizh. torg. 14 no. 11 11-14 '62.

ART—BIBLIOGRAPHY see Bibliography—Art

ART—CATALOGS
[Chronicle of fine arts] Let izobr. isk. no. 4 '62.

ART—EXHIBITIONS
The first Traveling Exhibition. P. Gerasimovich Belarus' 19 no. 11 16 N '62.

ART—HISTORY
Akademiia khudozhestv SSSR. Institut zhivopisi, skul'ptury i arkhitektury. [History of Russian art] Istoriia russkogo iskusstva [Otvet red A. L Kaganovich] Moskva, Izd-vo Akad khudozh SSSR, 1961 314 p illus
(WU)

ART—PERIODICALS
Looking over foreign periodicals. Iskusstvo 25 no. 10:74-77 '62

ART—PHILOSOPHY
From the treasure house of Marxist aesthetic thought. Kommunist 39 no. 1:95-100 Ja '63.
Special features of art. S. T. Vainman. Vop. filos 16 no. 11:85-95 '62.
Work for the people is the ultimate goal of Soviet artists. Kommunist 39 no. 1 86-94 Ja '63.

ART—STUDY AND TEACHING
The beginning of a great undertaking. V. Semushkin, V. Lebedev. Sov. knizh. torg. 14 no. 11. 23-26 '62.

ART, ABSTRACT
Jakob Jordaens' painting "Pleasant dream." L Sak. Iskusstvo 25 no. 10:71-72 '62.
"Pictures of an era. Sociology and aesthetics of modern painting" [in German] by A. Gehlen Reviewed by A. Gulyga. Iskusstvo 25 no. 10:71-72 '62.
Work for the people is the ultimate goal of Soviet artists. Kommunist 39 no. 1. 86-94 Ja '63.

ART, AZERBAIJANI
M F Akhundov and fine arts [in Azerbaijani with summary in Russian] Nureddin Gabibov Izv. AN Azerb SSR Ser obshchestv nauk no 10:87-95 '62

ART, DECORATIVE
Akademiia khudozhestv SSSR. Institut teorii i istorii izobrazitel'nykh iskusstv. [Russian decorative art in three volumes] Russkoe dekorativnoe iskusstvo v trekh tomakh. Pod red. A. I. Leonova. Moskva, Izd-vo Akad. khudozh. SSSR.
Vol. 1. [Russian decorative art from earliest time to the 18th century] Russkoe dekorativnoe iskusstvo ot drevneishego perioda do XVIII v. 1962. 502 p.

ART, ESTONIAN—EXHIBITIONS
Eesti NSV Kunstniko Liit. [Art exhibition of the republic dedicated to the 22d Congress of the CPSU; a catalog] NLKP XXII kongressile pühendatud vabariiklik kunstinäituts, katalog. Tallinn, 1961. 49 p. illus. [Parallel texts in Estonian and Russian]

ART, INDIC
Traditions and contemporaneity in the art of the Orient. O. Prokof'ev. Iskusstvo 25 no. 10:46-52 '62.

ART, INDONESIAN
Traditions and contemporaneity in the art of the Orient. O. Prokof'ev. Iskusstvo 25 no. 10:46-52 '62.

ART, MONGOLIAN—EXHIBITIONS
Exhibition of traditional Mongolian art U. IAdamsuren, B. Rabsal Sovr. Mong. 7 no. 8 22-23 Ag '62.

ART, ORIENTAL
A tale warmed by love. N. Grigorovich. Ogonek 40 no. 40 25 S '62.

ART, PRIMITIVE
[Archaeology of the U. S. S. R.; survey of archaeological sources] Arkheologiia SSSR; svod arkheologicheskikh istochnikov. Pod obshchei red. B. A. Rybakova. Moskva, Izd-vo Akad. nauk SSSR.
No. A4-3. Abramova, Z. A. [Paleolithic art on the territory of the U. S. S. R.] Paleoliticheskoe iskusstvo na territorii SSSR. 1962. 84 p. plates.

ART AND RELIGION
The controversy not only concerns historical monuments B. Semenov, O. Il'in Nauka i rel. 4 no 12:38-43 D '62.

ART GALLERIES AND MUSEUMS
Additions to the state collections Iskusstvo 25 no. 10:73 '62.

ART INDUSTRIES see subdivision under Reshetilovka (Poltava Province)

ART SCHOOLS see subdivision under Khartoum

ARTEMISIA see subdivision under Uzbekistan

ARTERIOSCLEROSIS
Morbidity, mortality and disability in coronary atherosclerosis. M. I Khvilivitskaia, M. IU Magaril. Terap. arkh no. 8 53-58 '62
Pathogenic relationship between diabetes mellitus and atherosclerosis. E M. Egorova, R A Mezentsev Terap. arkh no. 8 67-71 '62
Study of the functional state of coronary circulation during the process of treatment in coronary atherosclerosis [with summary in English]. A. A. Katanian, G A Nargizian Terap. arkh no. 8 58-61 '62
Surgical treatment of thrombosis and stenosis of the internal carotid artery [with summary in French] F I Zlatnik, S. F. Sekach, Zhur nevr. i psikh 62 no 8: 1172-1177 Ag '62.

ARTERIOSCLEROSIS—CONGRESSES
Conference on the problem of atherosclerosis. A. P. Golikov, M K. Mikushkin Kardiologiia 2 no 5 90-94 S-O '62.

ARTERIOSCLEROSIS—PERIODICALS
Review of the "Journal of atherosclerosis research" for 1961. M. B. Sheikman Kardiologiia 2 no. 5:86-89 S-O '62.

ARTHRITIS
Akademiia meditsinskikh nauk, SSSR, Moscow, Institut pediatrii. [Problems of rheumatism and nonspecific infectious polyarthritis in children] Voprosy revmatizma i nespetsificheskogo infektsionnogo poliartrita u detei, trudy Pod red. O D. Sokolovoi-Ponomarevoi. Moskva, 1962. 307 p.
Vasler-Rose reaction and its dynamics under the influence of hydrogen sulfide baths in infectious nonspecific polyarthritis S. K. Kalandarov. Zdrav Tadzh 9 no 5 29-31 '62.

ARTIFICIAL HIBERNATION
Use of the "lytic cocktail" in the urological examination of patients. L. G. Smolilak, A. IU Svidler Urologiia no. 5:6-8 '62.

ARTIFICIAL INSEMINATION see subdivision under Altai Territory

ARTIFICIAL ISLANDS
Explosion under soils G. Pokrovskii Tekh mol. 30 no. 10 35 '62

ARTIFICIAL KIDNEY
"Artificial kidney" apparatus. IU. M. Kozlov. Med. prom. 16 no. 6 48-52 Je '62.
Heparinization method and blood coagulation control during hemodialysis using the "artificial kidney" apparatus [with summary in English]. V. A. Agranenko, L. A. Levitskaia, B. F Kaveshnikova. Khirurgiia 38 no. 10:51-58 O '62.
Physical and technical principles of the "artificial kidney" apparatus; report No. 1. E. A. Vainrib. Med. prom. 16 no. 6:52-55 Je '62.

ARTIFICIAL RESPIRATION
Pneumonias in poliomyelitis patients with a respiratory disorder [with summary in English]. V. P. Doroshchuk. Vrach. delo no. 12:101-105 D '62.

ARTIFICIAL SATELLITES
Hermetic cabin for animals [with summary in English]. A. M. Bakhramov, V. I. IAzdovskii. Probl. kosm. biol. 1 288-298 '62.
Medicobiological investigations in artificial earth satellites [with summary in English]. O. G. Gazenko, V. I IAzdovskii, V. N. Chernigovskii. Probl. kosm biol. 1:285-289 '62.
Periodicity in brightness variations of the Echo-1 satellite [with summary in English] O. B. Diuzhevskaia, G. A. Leikin. Biul sta opt nabl. isk sput. Zem. no 27 3-14 '62.

ARTIFICIAL SATELLITES—TRACKING
Conferences on photographic observations of artificial satellites M I Illenko Biul. sta. opt. nabl. isk sput Zem. no. 28:14-15 '62.
Determining the altitude of an artificial satellite basing only on the observation of celestial coordinates and their derivatives in time [with summary in English] E. Borichka. Biul. sta. opt. nabl. isk. sput Zem. no. 27: 31-36 '62.
Effect of the earth's gravitational anomalies on the motion of artificial satellites [with summary in French]. N. G. Kochina. Trudy ITA no. 9:65-85 '62.
Instruments and methods of observation at station No 154 in Poland G Gurnik. Biul. sta opt nabl isk sput Zem. no 28 10-11 '62
Photographic methods for satellite observations. M. A. Lur'e. Priroda 51 no. 12 99-100 D '62
Photographic photometry of the Echo-1 satellite L. M Volynskaia, A Kakhkhorov Biul sta opt nabl isk sput Zem no 27 26-30 '62
Photographing interrupter satellite track with the miniature "Leningrad" camera A D Chirtsov, G D Koposov. Biul. sta opt. nabl isk. sput Zem no 28 7-9 '62.
Preliminary orbital elements of the cabin (1960 ξ_3) of the fourth Soviet artificial satellite G A. Chebotarev, E N Makarova Biul sta opt nabl isk sput Zem no. 28 11-13 '62
Results of photographic observations of artificial satellites M. V Bratilchuk and others. Biul. sta opt nabl isk sput Zem. no 28:16-30 '62
Visual and photographic observations of faint satellites at the Biusk Station. A A. Zaitsev Biul. sta opt nabl isk sput Zem no. 28:6-7 '62
Visual photometric observations of the Echo-1 satellite. A A. Longvinenko and others. Biul sta. opt. nabl. isk sput Zem no. 27:15-28 '62
Visual satellite observation with a shutter [with summary in English]. V I Belenko. Biul sta opt nabl. isk sput Zem. no 28:3-6 '62

ARTIFICIAL SATELLITES IN METEOROLOGY
Processing televised cloud images obtained from meteorological satellites. N. F. Vel'tishchev Meteor. i gidrol. no. 11:39-42 N '62.

ASAF'EV, BORIS VLADIMIROVICH, 1884-1949
Formation and evolution of the aesthetic views of B. V. Asaf'ev. V. S. Kornienko. Nauch.-metod. zap. Novosib. gos. konser. no. 1:4-36 '58.

ASBESTOS CEMENT
Berkovich, T. M., and others. [Manufacture of asbestos-cement products] Proizvodstvo asbestotsementnykh izdelii. Izd. 2., perer i dop. Pod red. T. M. Berkovicha Moskva, Gosstroiizdat, 1962. 367 p.
The service of corrugated asbestos-cement sheets in the lining of the draw-off towers of cooling towers G. S Blokh, R Z. El'kinson, A. N Litvinov. Trudy NIIAsbestcementa no 13 79-87 '62
Strengthening sheets of asbestos cement with polyester glass reinforced plastics. V. V. Paturoev. Stroi. mat. 8 no. 11:39-40 N '62.

ASBESTOS CEMENT—TESTING
Effect of the mineralogical composition and degree of dispersion of cement on the physicomechanical properties and frost resistance of asbestos cement T M. Slavina, P. I. Sokolov. Trudy NIIAsbestcementa no. 13 100-113 '62
The stability of asbestos cement in media containing hydrogen sulfide E. O Barbakadze. Trudy NIIAsbestcementa no 13.68-78 '62.

ASBESTOS CEMENT—THERMAL PROPERTIES
The effect of freezing and thawing conditions on results of the determination of the frost resistance of asbestos cement. G S. Blokh. Trudy NIIAsbestcementa no 13 51-67 '62.
Effect of the operating conditions of a sheet-molding machine on the frost resistance of autoclaved asbestos cement T. M. Berkovich and others Trudy NIIAsbestcementa no. 13 68-99 '62.
Rapid method of testing asbestos cement for frost resistance. G. S. Blokh Trudy NIIAsbestcementa no. 13 29-50 '62

ASBESTOS CEMENT ROOFING see Roofing, Asbestos cement

ASCARIDS AND ASCARIASIS
Antigenic properties of ascarids. E. S. Leikina, N. P. Shikhobalova, A. A. Mozgovoi. Trudy Gel'm. lab. 11: 153-158 '61
Epizootiology of ascariasis in poultry. A. A. Mozgovoi, I. I. Magda, N. E. Shaiduga. Trugy Gel'm. lab. 11: 166-198 '61.
Experimental investigation of abnormal localization of ascarids. A. A. Mozgovoi and others. Trudy Gel'm. lab. 11:169-179 '61.
Movement of ascarids as a method for localizing them in intestines. B. A. Shishov. Trudy Gel'm. lab. 11: 353-355 '61.
Physiology of the movements of ascarids; a review of literature. B. A. Shishov. Trudy Gel'm. lab. 11: 340-352 '61.
Precursors of vitamin A in Ascaris suum. Z. K. Leutskaia. Trudy Gel'm. lab. 11:180-181 '61.
The problem of immunity in the epidemiology of ascariasis. N. P. Shikhobalova, E. S. Leikina. Trudy Gel'm. lab 11:322-331 '61.
Survey of studies on the histological structure of muscles of some ascarids. IU. K. Bogolavlenskii. Trudy Gel'm. lab. 11:38-49 '61.
Variation in the radiosensitivity of eggs separated from individual females of Ascaris and Ascaridia. N. P. Shikhobalova, L. S. Paruzhinskaia. Trudy Gel'm. lab. 11:337-338 '61.

ASCAROPS
Epizootiology of Ascaropa infestation of swine in the U. S. S. R G. IA. Shmytova. Trudy Gel'm. lab. 11 350-362 '61.

ASCAROPS—HOST ANIMALS
Development of Ascaropa strongylina (Rudolphi, 1819) in the organism of its intermediate host. G. IA. Shmytova Trudy Gel'm. lab 11:363-372 '61.

ASCORBIC ACID
Effect of unconditioned interoceptive metabolic reflexes from the stomach on the vitamin C content of the blood and the absorptive capacity of blood proteins in various functional states of the central nervous system. L. M Mamedova. Izv. AN Azerb. SSR, Ser. biol. i med. nauk no. 6:89-95 '62.
Level of ascorbic acid in the blood in healthy subjects and in acute infections in Arkhangel [with summary in English]. Z. A. Kopylova, T. L. Komolikova. Vopr. pit. 21 no. 4:66-71 Jl-Ag '62.

ASEEV, NIKOLAI NIKOLAEVICH, 1889-
Poetry affirms life. N. R. Mazepa. Ped. lit. 6 no. 6: 18-30 N-D '62.

ASH (TECHNOLOGY)
(see also subdivision under Kuznetsk Basin)
Agloporite made from ashes of the Novosibirsk Thermal Electric Plant No. 3 and lightweight concretes made from it. I. A. Ivanov. Shor. trud. VNIINSM no. 6 55-67 '62.
Gravel-shaped agloporite of ashes from the Krasnogorsk and Argayash thermal electric plants and lightweight concretes made from it D. G. Khokhlov and others. Shor trud. VNIINSM no 6 25-37 '62
Obtaining agloporite from raw material from the Urals and making lightweight concrete of it. M. F. Chebakov, L. F. Korlakov. Shor. trud VNIINSM no 6.33-55 '62.

ASH DISPOSAL
Approximate calculation of the maximum efficiency of a cyclone ash remover [with summary in English]. M. A. Gol'dshtik. Inzh.-fiz. zhur. 5 no. 6:105-109 Je '62.

ASIA—HISTORY
"The October Revolution and the historical fate of the African and Asiatic peoples [with summary in English, pp. 210-220]. G. F. Kim. Vop. ist. no. 11:21-32 N '62.

ASIA—WOMEN AS ATHLETES
Asian sportswomen, get ready! Rusiia(i). Zhen. raiia no. 8:28-29 '62.

ASIA, CENTRAL—MUSICAL NOTATION
History of musical notation in the Orient L. R. Radzhabov Obshchestv. nauki v Uz. 6 no 10 32-58 '62

ASIA, SOUTHEASTERN—ECONOMIC ASSISTANCE
What is the "Colombo Plan," I. Olminskii. Polit. samoobr. 8 no. 13:45-47 D '62.

ASIA, SOVIET CENTRAL see Soviet Central Asia

ASIAN-AFRICAN CONFERENCE, BANDUNG, JAVA, 1955
The Bandung Conference in 1955. V. P. Olizarevskii. Trudy Irk. un. 20:110-142 '61.

ASPARTIC ACID
N-acetyl-l-aspartic acid content of the brain in its various functional states [with summary in English]. G. Kh Buniatian, G. V. Aprikian. Vop. biokhim. 2:5-15 '61.
Role of N-acetyl-l-aspartic acid in the brain tissue [with summary in English]. G. Kh. Buniatian, V. S Oganesian Vop. biokhim. 2:17-28 '61.

ASPARTIC ACID METABOLISM
Effect of β-methylaspartic acid on the growth of Escherichia coli [with summary in English]. S B. Mardashev, E. P. Teofilova, G. A. Galegov. Mikrobiologiia 31 no. 3:391-395 My-Je '62.

ASPEN see subdivision under Siberia; White Russia

ASPEN—DISEASES AND PESTS
(see also subdivision under Siberia, Western)
Distribution of red color in the stem wood of aspen seedlings. I. I. Gusheiin. Izv. vys. ucheb. zav., les. zhur. 4 no. 5:47-50 '61.

ASPERGILLUS
Amount of phosphorus compounds in the mycelium of a mutant of Aspergillus niger produced under the influence of ultraviolet rays [with summary in English]. R. N. Grebeshova. Mikrobiologiia 31 no. 3.424-427 My-Je '62.
Free nucleotides of the thermophilic and mesophilic variants of Aspergillus fumigatus [with summary in English]. T. N. Evreinova, G. P. Miroshnichenko. Mikrobiologiia 31 no. 3:428-433 My-Je '62.

ASPHALT
The new IST$_3$ asphalt melter. V. P. Popov. Stroi. truboprov. 7 no. 11 27-28 N '62.

ASPHALT CONCRETE

Present-day technology of preparing asphalt concrete mixes. L. Gesentsvei. Zhil.-kom. khoz. 12 no. 6:21-25 Je '62.

The problem of the suitability of asphalt concrete for the subgrade of track in tunnels. Sh. S. Kitovani. Trudy GPI [Gruz.] no. 5:53-58 '61.

Transportation of precast asphalt concrete for bank-protection covering. L. N. Udin. Transp. stroi. 12 no. 11:34-36 N '62.

ASPHALT ROCK see subdivision under Azerbaijan

ASPHALTENES see subdivision under Daghestan

ASSEMBLY-LINE METHODS

Advanced form of the organization of continuous production lines. A. A. Makarenko. Shvein. prom. no. 6:4-6 N-D '62.

Egorov, M. E. [Lecture course on technological processes in the manufacture of machinery] Kurs tekhnologii mashinostroeniia. Moskva, Vses. zaochnyi energ. in-t.

Pt. 2. [Methods for machining machine-part elements and the technology of assembling processes] Metody mekhanicheskoi obrabotki elementov detalei mashin i tekhnologiia sborochnykh protsessov. 1962. 223 p.

Flow line for the manufacture of truck trailers. M. Sh. Gukhberg, P. P. Naumov. Svar. proizv. no. 11:26-28 N '62.

Improving the performance of continuous production lines for the processing of tomato paste and tomato juice. I. T. Leonov. Konserv. i ov. prom. 17 no. 12:16-18 D '62.

Intensification and mechanization of the operations for the preservation of raw leather. E. Gnevoi, P. Gnevoi. Miasn. ind. SSSR 33 no. 5:10-15 '62.

Kalitcevskii, R. E., S. E. Udin, and L. E. Shevelev. [Equipment and technological processes of band-saw continuous production lines] Oborudovanie i tekhnologicheskie protsessy lentochnopil'nykh potokov. Moskva, Goslesbumizdat, 1962. 146 p.

New methods of preservation of fur and garment sheep pelts and mechanization of their processing. G. Briuzgina and others. Miasn. ind. SSSR 33 no. 5:15-21 '62.

On the production lines. E. Samodaev. Stroi. i arkhit. Mosk. 11 no. 10:2-7 O '62.

Semiautomatic production line in the section peeling-clipping-lay up of veneer sheets. E. V. Vol'skii, O. S. Dmitriev, A. A. Porokhin. Der. prom. 11 no. 11:17-19 N '62.

ASSES AND MULES—PARASITES see Parasites—Asses and mules

ASSUAN DAM see Aswan Dam

ASTHENIA

Treatment with Aralia mandschurica infusion of an asthenic state in cerebral vasopathy and initial arteriosclerosis of the vessels of the brain. S. I. Skornlakova. Trudy Gos. nauch.-issl. inst. poikh. 25:335-341 '61.

ASTHENOPIA

Treatment of asthenopia with a weak galvanic current. V. I. Martynovskaia. Med. zhur. Uzb. no. 3:71-72 Mr '62

ASTHMA

Eosinopenic reaction (Thorn's test) and the excretion of 17-ketosteroids in attacks of bronchial asthma in children [with summary in English]. Iu. D. Beliaev. Pediatriia. 41 no. 9:51-56 S '62.

Intercentral relations in bronchial asthma complicated by another pathological process [with summary in English]. V. K. Vasil'eva. Vest. LGU 17 no. 21:140-143 '62

ASTRAKHAN PROVINCE—PRODUCTION STANDARDS

More on the role of the efficiency expert. S. Zhdanov. Sots. trud 7 no. 11:98-101 N '62.

ASTRAKHAN PROVINCE—PROSPECTING

Trends in prospecting for oil and gas in Astrakhan Province and the northeastern Kalmyk A. S. S. R. I. S. Eventov and others. Geol. nefti i gaza 6 no. 10:41-46 O '62

ASTROLOGY

Stars and belief in destiny. F. Zigel'. Nauka i rel. 4 no. 12:7-11 D '62.

ASTRONAUTICS

(see also subdivision under United States)

Excellent is a "GIRD" way! E. Borisov. Znan.-sila 37 no. 9:7 S '62.

Forward toward the victory of communism! Volov. ateist no. 9:4-5 S '62.

The living hero of fantastic stories visits with writers; interview with G. Titov. Tekh. mol. 30 no. 10:7-9 '62.

Long live the astronauts. Sovr. Mong. 7 no. 8:6 Ag '62.

New publications. V. Anatol'ev, A. Semenov, M. Beliakov. Znan.-sila 37 no. 9:45 S '62.

A new upswing of human genius. Volov. ateist no. 8:6-8 S '62.

Our space victories are the triumph of socialism. Nar. khoz. Uzb. 4 no. 8:3-4 S '62.

The outgoing year. Nov. vrem. 20 no. 52:1-3 D '62.

Routes of interplanetary flights. V. I. Cherednychenko. Rad. shk. 41 no. 9:72-78 S '62.

Seen and heard on the earth. A. Badalov. Radio no. 11 8-9 N '62.

To the Communist Party and peoples of the Soviet Union! To the peoples and governments of all countries! To the whole progressive mankind! an appeal of the Central Committee of the CPSU, Presidium of the Supreme Soviet of the U. S. S. R., and the Government of the U. S. S. R. Volov. ateist. no. 8:2-4 S '62

To the Communist Party and the peoples of the Soviet Union! To the peoples and governments of all countries! To all progressive humanity! Rad. shk. 41 no. 9:3-5 S '62.

Toward our neighbor in the sky. Volov. ateist 3 no. 12:2 D '62.

Unprecedented victory of Russian astronauts. Zhen. mira no. 8:7 '62.

ASTRONAUTICS AND RELIGION see Religion and astronautics

ASTRONAUTS

Astronauts. E. Petrov. Kul't. i zhizn' 6 no. 10:4-7 '62.

Glory to the space heroes. Teor. i prak. fiz. kul't. 25 no. 9:1 S '62

Merchant seamen are delighted with the performance of their countrymen. Mor. flot 22 no. 9 insert S '62

Moon became closer. Znan.-sila 37 no. 8:1 S '62.

Our homeland acclaims its heroes. Mat. v shkole no. 5:1 S-O '62.

Program carried out fully. Mor. flot 22 no. 9 insert S '62

ASTRONAUTS—NUTRITION

Amino acid composition of Chlorella pyrenoidosa [with summary in English]. N. M. Sisakian, E. N. Bezinger, M. G. Shaposhnikova. Probl. kosm. biol. 1:371-376 '62.

Providing the crew of a spaceship with food of animal origin [with summary in English]. K. S. Akhlebininskii and others. Probl. kosm. biol. 1:145-151 '62.

ASTRONOMICAL GEOGRAPHY—STUDY AND TEACHING

Studying the topic "Earth and its movement" in the fifth grade. N. A. Maksimov. Geog. v shkole 25 no. 6:42-49 N-D '62.

ASTRONOMICAL MODELS

Model for demonstrating the visible movement of planets. M. P. TSvetkov. Fiz. v shkole 22 no. 5:67-69 S-O '62.

Two instruments for spherical astronomy. R. M. Barenboim. Fiz. v shkole 22 no. 5:69-71 S-O '62.

ASTRONOMY

Present-day problems in physics and astronomy. IA. B. Zel'dovich. Usp. fiz. nauk 78 no. 4:549-578 D '62.

ASTRONOMY—AUDIO-VISUAL AIDS

School and a planetarium. N. K. Semakin. Fiz. v shkole 22 no. 5:58-60 S-O '62.

ASTRONOMY—OBSERVATIONS

The most important astronomical observations in 1963. M. M. Dagaev. Priroda 51 no. 12 124-128 D '62.

ASTRONOMY—STUDY AND TEACHING

Connection between the teaching of astronomy and the study of dialectical materialism in a course in the fundamentals of political science. E. P. Levitan. Fiz. v shkole 22 no. 5:19-22 S-O '62.

School evening devoted to astronomy. N. P. Zafiris. Fiz. v shkole 22 no. 5:84 S-O '62.

Some connections between the school courses in astronomy and mathematics. I. K. Petraitite. Mat. v shkole no. 5:36-39 S-O '62.

ASTRONOMY—YEARBOOKS

[Astronomical Calendar, Yearbook for 1963. Varying part] Astronomicheskii kalendar'. Ezhegodnik. Peremennaia chast', 1963. Red. kollegiia. P. I. Bakulin i dr. Moskva, Fizmatgiz, 1962. 287 p. (Vsesoiuznoe astronomo-geodezicheskoe obshchestvo, no. 68)

ASTROPHYSICS

Hypotheses, assumptions and projects. Znan.-sila 37 no. 9:22-24 S '62

Water exchange between the earth and the universe. V. F. Derpgol'ts. Geog. sbor. no. 15:198-207 '62.

ASWAN DAM

Reportage from Aswan. I. Beliaev. Az. i Afr. segn. no. 12:40-42 D '62.

ASYNCHRONOUS ELECTRIC MOTORS see Electric motors, Induction

ATHEISM

(see also subdivision under Kamenets-Podol'skiy; Lvov Province; Odessa; Poland; Svatovo District; Ukraine; Volovets District; Zhitomir Province)

A busy period for the propagandists of atheism. M. Tretiakov. Volov. ateist no. 7:27-28 Jl '62.

"The CPSU and the Soviet state on religion and atheistic propaganda," Reviewed by M. Sopin. Volov. ateist no. 11,59-60 N '62.

The communist way. I. Zhadanivs'kyi. Volov. ateist no. 6,24-25 Je '62

A dictionary of atheism. Volov. ateist no. 8:41 Ag '62.

Don't give up, Liuda! Nauka i rel. 4 no. 12:66 D '62.

Efficient work of a member of the Communist Youth League. I. Kovalenko. Volov. ateist no. 6,29 Je '62.

For young atheists. L. Lukachevskaia. Nauka i rel. 4 no. 12,88-90 D '62.

Forty-five. Volov. ateist no. 11:2-4 N '62.

"Godless defenders of God, antireligious subjects in Ukrainian literature" by P. Dovhaliuk. Reviewed by F. P. Pohrebennyk. Ukr. lit. zhur. 6 no. 6:119-120 N-D '62.

"Godless defenders of God; antireligious subjects in Ukrainian literature" by P. M. Dovhaliuk. Reviewed by M. Kovalenko. Volov. ateist 3 no. 12:58-61 D '62

I wish you happiness, Marita. I. Nordlienko. Volov. ateist no. 6:32-34 Ag '62.

Nauchnaia konferentsiia po probleme Kommunisticheskogo vospitaniia trudiashchikhsia v period razvernutogo stroitel'stva kommunizma, Novosibirsk, 1961. [Materials of the Conference on Problems of the Communist Education of Workers during the Large-scale Building of Communism] Materialy. Novosibirsk, Izd-vo Sibirskogo otd-niia Akad. nauk, SSSR.

No. 2 [Problems in the theory and practice of atheism] Voprosy teorii i praktiki nauchnogo ateizma. 1961. 1 v.

(MH)

Roberta with a cross on her neck. I. Okunev. Nauka i rel. 4 no. 12:85-86 D '62.

A strong-willed man who knows the truth. V. Sutarko. Volov. ateist no. 8:35 Ag '62.

They renounced God. Volov. ateist 3 no. 12:16-17 D '62.

Thoughts about religion. V. Babko. Volov. ateist no. 6:17-19 Je '62

Toward our neighbor in the sky. Volov. ateist 3 no. 12:2 D '62.

U. S. S. R., a country of mass atheism. Vitalii Boitko. Volov. ateist 3 no. 12:5-7 D '62.

Velychko, I. L., and F. D. Fedorov. [We are marching toward a happy life without God] Bez Boga do shchastia shyroka doroha. L'viv. Knyzhkovo-zhurnal'no vyd-vo, 1962. 48 p.

"What our people say about religion; based on the materials of Russian, Ukrainian, and White Russian folklore." Reviewed by D. A. Ryzhuk. Vop. filos. 16 no. 11:170-174 '62.

ATHEISM—AUDIO-VISUAL AIDS see subdivision under Stanislav

ATHEISM—BIBLIOGRAPHY see Bibliography—Atheism

ATHEISM—STUDY AND TEACHING

(see also subdivision under Berdyansk; Chernovtsy, Korostyshev; Nikolayev Province; Pereyaslav-Khmel'nitskiy District; Plavsk; Ukraine)

Akademiia pedagogicheskikh nauk RSFSR, Moscow. Institut teorii i istorii pedagogiki. [Our experience in the education of young atheists] Nash opyt vospitaniia iunykh ateistov. Pod red. P. A. Nikitina. Moskva, Izd-vo Akad. pedagog. nauk RSFSR, 1962. 27 p. (Pedagogicheskie chteniia)

"Atheistic education during geography classes in eight-year schools" by M. T. Otkalenko, M. M. Dubykivs'kyi. Volov. ateist no. 8:60 Je '62.

Atheistic education in zoology lessons. P. Horbik. Volov. ateist 3 no. 12:34-36 D '62.

"The attitude of the CPSU toward religion and the problems of atheistic education" by M. S. Pastukh. Reviewed by V. Antonenko. Volov. ateist no. 6:58-59 Je '62.

Contemporary religions and their reactionary role. O. Onyshchenko. Volov. ateist. 3 no. 12:25-27 D '62.

The distinguished role of the teacher. A. Bondar. Volov. ateist no. 9:12-14 S '62.

The party calls you. Volov. ateist no. 9:9-11 S '62.

"Popular lectures on atheism," Reviewed by V. Mezentsev. Nauka i rel. 4 no. 12:91-92 D '62.

"Problems of atheistic education in Soviet schools," Reviewed by I. Sochyvets'. Volov. ateist no. 11:60-61 N '62.

The role of popular scientific works in the system of atheistic education. Iu. V. Krianev. Vop. filos. 16 no. 11:158-162 '62.

To one goal by various ways. I. Sobko. Volov. ateist 3 no. 12:21-24 D '62.

Trade unions are a school of education. Nauka i rel. 4 no. 12:3-6 D '62.

ATLANTIC OCEAN—CALANOIDA

Diagnosis of the species Spinocalanus brevicaudatus Brodsky, 1950 (Copepoda, Calanoida) [with summary in English]. T. N. Semenova. Zool. zhur. 41 no. 10:1571-1574 O '62.

ATLANTIC OCEAN—FLYING FISH

Spatial interrelations between phytoplankton and fishes in the tropical waters of the Atlantic Ocean [with summary in English]. K. V. Beklemishev, L. B. Klitshtorin. Trudy Inst. okean. 58:40-44 '62.

Spatial interrelations between phytoplankton and fishes in the tropical waters of the Atlantic Ocean [with summary in English]. K.V.Bekleminshev, L.B.Klyashtorin. Trudy Inst.okean. 58 40-44 '62.

ATLANTIC OCEAN—STORMS
Stronger than metal. V. Pecheritsa. Voen znan 38 no.12:10-11 D '62

ATMOSPHERE
Water exchange between the earth and the universe. V.F. Derpgol'ts. Geog. sbor. no.15:198-207 '62

ATMOSPHERE, UPPER
Use of the electronic system of the FEU-34 photomultiplier as an amplifier of weak ionic currents. A.V Fedynskii. Trudy TSAO no.42.92-94 '62.

ATMOSPHERE, UPPER—CONGRESSES
Symposium on the theoretical interpretation of the emissions of the upper atmosphere. G.S.Ivanov-Kholodnyi. Vest.AN SSSR 32 no.12 76-78 D '62.

ATMOSPHERE, UPPER—ROCKET OBSERVATIONS
Investigation of the upper layers of the atmosphere; an international symposium on outer space. K.IA. Kondrat'ev. Priroda 51 no.12:56-58 D '62.
Rocket-mounted mass spectrometers. G.M. Maltynkevich. Trudy TSAO no.42 20-38 '62.
Some data on the composition of the upper layers of the atmosphere. A.V. Fedynskii Trudy TSAO no.42 5-19 '62.

ATMOSPHERIC ELECTRICITY
(see also subdivision under Voeykovo region, Leningrad Province)
Analytical method of processing observations in studying the distribution of atmospheric ions according to mobility. Kh.F.Tammet. Trudy GGO no.136 103-110 '62.
Electric conductivity of the air above the Soviet Union. N.A. Paramonov. Trudy GGO no.136:78-82 '62.
Electric structure of nonrain-bearing stratl of lower cloud layers. I.M. Imianitov, E.V. Chubarina. Trudy GGO no.136:21-34 '62.
Operating conditions of an electrostatic fluxmeter in the upper atmosphere. IA.M. Shvarts. Trudy GGO no.136 83-95 '62
Some causes of errors in working with an electrostatic fluxmeter in a plasma. IA.M. Shvarts. Trudy GGO no.136 96-102 '62.
Study of methods of recording atmospherics used in estimating storm activity. B.K. In'kov. Trudy GGO no.136:35-52 '62.
Study of the electric structure of shower and thunderstorm clouds. I.M Imianitov, T.V. Lobodin. Trudy GGO no.136:3-20 '62.

ATMOSPHERIC PRESSURE
Numerical calculation of the atmospheric pressure field using the complete system of hydrodynamic equations. V.M. Berezin Vest. Mosk. un. Ser. 3 Fiz., astron 17 no.6:82-83 N-D '62.

ATMOSPHERIC TEMPERATURE
(see also subdivision under Komi A.S.S.R.; Pacific Ocean)
Frequency spectrum of small-scale temperature fluctuations. A.S.Gurvich, T.K.Kravchenko. Trudy Inst.fiz.atm. no.4:144-146 '62.
Instruments for measuring temperature fluctuations and wind velocities, and instruments for the statistical analysis of measurements. V.M.Bovsheverov and others. Trudy Inst.fiz.atm. no.4:21-29 '62.
Measurement of turbulent heat flows and temperature fluctuation spectra. L.R.TSwaig. Trudy Inst.fiz. atm. no.4:137-143 '62.
Mishchenko, Z.A. [Daily variations of air temperature and its agroclimatic significance] Sutochnyi khod temperatury vozdukha i ego agroklimaticheskoe znachenie. Leningrad, Gidrometeoizdat, 1962. 199 p.
Structure of wind velocity and temperature fields in the bottom layer of the atmosphere. A.S.Monin. Trudy Inst.fiz.atm. no.4:5-20 '62.
Thermodynamic characteristics of a boundary layer of air when there is fog and low clouds. A.N Kovina. Meteor i gidrol. no 12 21-25 D '62

ATMOSPHERIC TRANSPARENCY
Determining the coefficient of atmospheric transparency. M.S.Averkiev. Meteor.i gidrol. no.11:36-39 N '62.

ATMOSPHERIC TURBULENCE
Determination of the amount of movement, heat, and moisture in turbulent currents from gradient measurement data. A.E. Kazanskii, A.S. Monin. Meteor i gidrol no. 12:3-8 D '62.
Effect of atmospheric turbulence on an airplane with elastic wings. IU.M.Romanovskii, S.P.Strelkov. Trudy Inst.fiz.atm. no.4:257-266 '62.
Experimental study of sound wave scattering in the atmosphere. M.A.Kallistratova. Trudy Inst.fiz. atm. no.4:203-256 '62.
Measurement of turbulent heat flows and temperature fluctuation spectra. L.R.TSwaig. Trudy Inst.fiz. atm. no.4:137-143 '62.
Methodology of determining the turbulence characteristics in jet streams. N.Z.Ariel', E.K.Blutner. Meteor.i gidrol. no.11:33-36 N '62.
Scattering of electromagnetic waves by turbulent inhomogeneities of the troposphere. Trudy Inst.fiz. atm. no.4:147-202 '62.
Structure of wind velocity and temperature fields in the bottom layer of the atmosphere. A.S.Monin. Trudy Inst.fiz.atm. no 4.5-20 '62.
Turbulent flow of the quantity of motion in unsteady stratification and under conditions approaching neutral equilibrium. A.S.Gurvich. Trudy Inst fiz.atm. no.4: 81-100 '62.

ATMOSPHERIC TURBULENCE—BIBLIOGRAPHY see Bibliography—Atmospheric turbulence

ATMOSPHERIC TURBULENCE—CONGRESSES
Conference on the study of atmospheric turbulence. Trudy Inst.fiz.atm. no.4:265-269 '62.

ATOMIC ENERGY
Brief news. Atom. energ. 13 no 6:618-619 D '62.

ATOMIC ENERGY—BIBLIOGRAPHY see Bibliography—Atomic energy

ATOMIC ENERGY—POPULAR WORKS
"The powerful atom," by V Orlov Reviewed by O Pisarzhevskii Tekh mol. 30 no 10 32-33 '62

ATOMIC ENERGY IN AGRICULTURE
Ol'khov, O.A. [Application of atomic energy in agriculture] Primenenie atomnoi energii v sel'skom khoziaistve. Moskva, Sel'khozizdat, 1962. 117 p. (DNAL)

ATOMIC ENERGY INDUSTRIES
"Atoms for peace." A book review. Priroda 51 no.12,53 D '62.

ATOMIC NUCLEI see Nuclei, Atomic

ATOMIC POWER-PLANTS see subdivision under United States

ATOMIC WEAPONS—INTERNATIONAL CONTROL
Are we on the road to war? Leo Szilard, Mezhdunar. zhizn' 10 no.1:129-136 Ja '63.
Emel'ianov, V.S. [On the responsibility of a scientist] Ob otvetstvennosti uchenykh. Moskva, Izd-vo "Znanie," 1962. 37 p. (Novoe v zhizni, nauke, tekhnike. IX Seriia: fizika i khimiia, no. 21)
They are delaying again. Nov. vrem. 20 no.52:3 D '62.

ATOMIC WEAPONS—TESTING see subdivision under United States

ATOMIC WEAPONS AND DISARMAMENT
Science and politics. V.Emel'ianov. Mezhdunar. zhizn' 10 no.1:62-66 Ja '63.

ATOMIC WEIGHTS—TABLES, ETC.
New scale and table of atomic weights. Standartizatsiia 26 no.11:56-59 N '62.

ATOMS
Distribution of displaced atoms in a solid due to primary atoms generated by radiation. A.Corciovel, G.Gika, D.Grecu. Fiz.tver.tela 4 no.10:2777-2780 O '62.
Scattering of light ions and atoms on atoms of a solid body. L.G.Gurvich. Izv.AN SSSR.Ser.fiz. 26 no.11: 1418-1421 N '62.

ATROPINE
Effect of atropine on the electrocardiogram. G.I. Rachiba. Klin.med. no.9:75-81 '62.

ATTACK AND DEFENSE (MILITARY SCIENCE)
Attack and counterattack. P. Miasoedov, N. Zubkov. Voen. znan. 38 no.12:13-14 D '62.

ATTAR OF ROSES
The "Michurinka" aromatic rose. Z.G. Maichenko. Masl.-zhir. prom. 28 no.11:27 N '62
Natural evaporation of essential oil from rose blossoms and the obtaining of rose oil by means of dynamic sorption. N.N.Much, E.D.Ponamarev. Masl.-zhir. prom. 28 no.11:29-30 N '62.

AUCHENORHYNCHA see subdivision under Azerbaijan

AUDIO-VISUAL EDUCATION
Beauty for children. F.Kondrashev. Doshk.vosp. 35 no.12:98-99 D '62.

AUDITING AND INSPECTION
(see also subdivision under Alma-Ata Province, Moscow)
"Auditing the financial operations of the enterprises of a regional economic council." Reviewed by G. Kniazev. Fin. SSSR 23 no.11:94-95 N '62.
Enlist the participation of volunteers in financial control more widely. F. Manolio. Fin. SSSR 23 no.11:8-12 N '62.
For communist labor; survey of correspondence and letters received by the editors. Fin. SSSR 23 no.11: 80-83 N '62.
Good initiative. N.Nechaev. Fin. SSSR 23 no.11:72-75 N '62.

AUER, LEOPOLD, 1845-1930
Raaben, L.N. [Leopold Semenovich Auer; a study of his life and work] Leopol'd Semenovich Auer; ocherk zhizni i deiatel'nosti. Leningrad, Gos. muzykal'noe izd-vo, 1962. 176 p.

AUEZOV, MUKHTAR OMARKHANOVICH, 1897-1961
M.O Auezov's work M Karataev. Vest AN Kazakh SSR 18 no 11:29-37 N '62
Stylistic similarity of the language used by Abai Kunanbaev and Mukhtar Auezov [in Kazakh with summary in Russian] E Zhanpeisov Vest AN Kazakh SSR 18 no 11 36-46 N '62

AUREOMYCIN
Chicken growth stimulant "Biovita-50" containing vitamin B_{12} and biomycin [in Latvian with summaries in English and Russian] R Andrusaitis. Izv AN Latv SSR no 3:91-96 '61.
Dynamics of quantitative changes of chlortetracycline in the animal organism V.O Fortushnyi, O I Il'ina Veterinar sil'khoz nauky 5 no 11:70-74 N '62
Treatment of trachoma in Tajikistan with the combination dibiomycin [with summary in English] A. Vaisblat, A.A.Dzhumambaeva, N.N.Livanova [et al.] Antibiotiki 7 no 8:829-832 S '62.

AURORAS
Automatic framewise operating photometer for "Aza" films. IU A Nadubovich. Trudy IAT AN SSSR no.4 26-34 '62.

AUSTRALIA—COMMUNIST PARTY
"Australian trade unions; communist theory and the practice of the trade-union movement" by Lawrence Lewis Sharkey. Translated from the English. Reviewed by I.A.Lebedev. Vop.ist. no.11:171-175 N '62.

AUSTRALIA—PETROLEUM INDUSTRY
Will the Australians own their petroleum? L. Vasil'ev. Mir.ekon.i mezhdunar.otn. no.12:82-84 D '62.

AUSTRALIA—TRADE UNIONS
"Australian trade unions; communist theory and the practice of the trade-union movement" by Lawrence Lewis Sharkey. Translated from the English. Reviewed by I.A.Lebedev. Vop.ist. no.11:171-175 N '62.

AUSTRIA—SLAVS
"Liberation movement of the southern Slavs in the Austro-Hungarian Monarchy, 1905-1914" by III A Diakov. Reviewed by I.M. Kulinych. Ukr.ist.zhur. 6 no.6: 129-131 N-D '62.

AUSTRIAN BALLADS AND SONGS see Folk songs, German

AUTHORS
Creativity, life, quests; thoughts on the questionnaire completed by authors. S. Galsarian. Vop.lit. 6 no.10:3-24 O '62.
"Writers of the peoples of the U.S.S.R." Reviewed by E. Manukian. Vop. lit. 6 no.10:236-247 O '62.

AUTHORS, BULGARIAN
At the source of life Kamen Kalchov. Vop.lit. 6 no 11:174-182 N '62
Authority of the writer. Liudmil Stoianov. Vop.lit. 6 no.11,171-174 N '62.
Two words on the creative process... Dimitr Ialov. Vop.lit. 6 no.11 182-187 N '62.
Work on the image and the word. Emiliian Stanev. Vop.lit. 6 no.11 187-191 N '62.

AUTHORSHIP, DISPUTED
"Authorship and theory of style" by V.V. Vinogradov. Reviewed by M. Kornilov. Vop.lit. 6 no.10:224-231 O '62.

AUTOCLAVES
Akademiia stroitel'stva i arkhitektury SSSR. Proizvodstvo betona i zhelezobeton. Perovo [Instructions regarding concrete and reinforced-concrete products at large-scale building sites] Instruktsiia po proizvodstvu betonnykh i zhelezobetonnykh izdelii na zavodakh i poligonakh Moskva, Gosstroiizdat, 1962. 33 p.
Device for packing and centering between the sleeves of a pile of pressure molds in a "Bolshevik" autoclave. E. M. Aristov. Kauch.i rez. 21 no 11:45-47 N '62
Manufacture of large reinforced concrete elements in portable steam chambers. M.A. Prokherov. Prom. stroi. 40 no.12,44-46 '62.

AUTOCLAVES—SAFETY MEASURES
Bondin, IU.N. [Handbook on accident prevention for the autoclave operator at silicate plants] Pamiatka po tekhniko bezopasnosti dlia avtoklavshchika na silikatnykh zavodakh. Moskva, Gosstroiizdat, 1962. 15 p. Tekhnika bezopasnosti v promyshlennosti stroitel'nykh materialov)

AUTOMATA
Automata and events (with summary in English) V.G. Bodnarchuk. Ukr. mat. zhur. 14 no. 4.351-361 '62

AUTOMATIC CONTROL

Akademiia budivnytstva i arkhitektury URSR. Ukrainskii nauchno-issledovatel'skii institut mekhanizheskoi obrabotki drevesiny. [Mechanization and automation of woodworking processes] Mekhanizatsiia i avtomatizatsiia protsessov derevoobrabotki, sbornik trudov. Kiev, Gosstroiizdat USSR, 1962. 73 p.

Analysis of automatic looping regulators on continuous small shape hot rolling mills. S. N. Kozhevnikov, S. D. Grinberg. Trudy Inst. chern. met. AN URSR 16,112-128 '62

"Analysis of the performance of automatic control systems" by V. I. Krutov. Reviewed by A. Ts. Chervyakovskii. Priborostroenie no. 11 32, 3 of cover N '62.

Automatic control of a 315-ton hydraulic press. V. IA. Vinokurov. Kuz.-shtam. proizv. 4 no. 10-11 O '62

Automatic control of conveyor lines. P. G. Kovyzhenko. Ugol' Ukr. 6 no. 11,10 N '62.

Automatic control of subway trains. L. S. Sokolov. Gor. khoz. Mosk. 36 no. 11 29-31 N '62.

Automatic control of the open-hearth process. E. V. Ahroshinov and others. Izv. vys. ucheb. zav., chern. met. 5 no. 11:37-41 '62.

Automatic control of the operation of horizontal centrifugal pumps installed in mines. I. T. Pershin. Nauch. trudy MGI no. 23,179-193 '58.

Automatic control of the process of grinding clinker in mills with a separator. G. M. Finkel'. Tsement 28 no. 6:20-21 N-D '62.

Automatic control of water and oil temperature as a means of increasing the motive power resources of diesel engines. A. A. Kurita. Trudy KHIIT no. 50:59-65 '61.

An automatic device for sorting jet needles into groups. Z. L. Tubenshlak, L. M. Sokolova. Trakt. i sel'khozmash. 32 no. 9 38-40 S '62

Automatic machine for cleaning clothing and hands. [Un. tekh. 7 no. 11-77 N '62.

Automatic precise stopping of reversing cold rolling mills. S. N. Kozhevnikov, B. G. Skuratov. Trudy Inst. chern. met. AN URSR 16 143-153 '62.

Automation of the preparation of the regenerative salt solution. I. N. Gofman, G. A. Bezrodnyi. Energetik 10 no. 10 6-9 O '62

Automation of units for maintaining water pressure. I. L. Fedotov. Vod. i san. tekh. no. 11-27 N '62

Barzam, A. B. [Student designing of relay protection and automatic control in electric power networks] Uchebnoe proektirovanie releinoi zashchity i avtomatiki energeticheskikh sistem. Moskva, Gosenergoizdat, 1962. 191 p.

Bogulakii, S. S., and others. [Automatically controlled mining systems] Rudnichnye avtomaticheskie ustanovki; prakticheskoe posobie po avtomatizatsii na shakhte. Moskva, Gosgortekhizdat, 1962. 196 p.

Certain properties of pulse-type nonlinear automatic control systems with absolute stability [with summary in English]. IA. Z. Tsypkin. Avtom. i telem. 23 no. 12:1565-1570 D '62.

Concerning the automation of programming operations of super-high-speed computer systems of discrete electronic automata. M. S. Neiman. Trudy MAI no. 149 158-174 '62.

Construction of a certain class of optimal control systems without the use of "pure undistorted derivatives in the control law [with summary in English]. V. I. Utkin. Avtom. i telem. 23 no. 12 1631-1642 D '62.

Device for the automatic control of the melting point of petroleum products in a technological stream. V. N. Gerzhevan-Lati. Khim. i tekh. topl. i masel 7 no. 11:57-60 N '62

Enterprise with high level automation. Bum. prom. 37 no. 11:12 N '62.

Fundamentals of automatic control. L. Girchenko. Izobr. i rats. no. 12:32-33 D '62.

Grinvald, P. P. [Automatic control of room temperature in low-pressure steam heating] Avtomaticheskoe regulirovanie temperatury pomeshchenii pri parovom otoplenii nizkogo davleniia. Riga, Izd-vo Akad. nauk Latviiskoi SSR, 1962. 24 p. (Nauchno-tekhnicheskaia informatsiia, no. 6)

Impulse type controller. V. P. Oleshko, D. G. Solovtsev, V. N. Pokrovskii. Masl.-zhir. prom. 28 no. 11:40-42 N '62.

Katsnel'son, V. B., and V. A. Rylov. [Experience in the automation of the turbine departments of electric power plants] Opyt avtomatizatsii turbinnykh tsekhov elektrostantsii. Moskva, Biuro tekhn. informatsii, 1961. 25 p.

[MICROFILM]

Kovner, S. S. [Contribution to the theory of automatic control of a drawing process] K teorii avtomaticheskogo regulirovaniia protsessa vytiagivaniia. Moskva, Rostekhizdat, 1962. 123 p.

Letov, A. M. [Stability of nonlinear controllable systems] Ustoichivost' nelinejnykh reguliruemykh sistem. Izd. 2., ispr. i dop. Moskva, Fizmatgiz, 1962. 483 p.

Markus, John, comp. [Handbook of electronic control circuits. Translated from the English] Skhemy elektronnoi avtomatiki. Pod red. i s predisl. V. A. Ivanova i A. A. Sokolova. Moskva, Izd-vo inostr. lit-ry, 1962. 342

A method for calculations related to a certain automatic adaptive process [with summary in English]. V. P. Grishin. Avtom. i telem. 23 no. 12:1602-1610 D '62.

Methods for solving variational problems based on the adequate conditions of absolute minimum. Part 1 [with summary in English]. V. F. Krutov. Avtom. i telem. 23 no. 12:1571-1583 D '62.

Nechaev, G. K. [Semiconductor thermistors in automatic control] Poluprovodnikovye termosoprotivleniia v avtomatike. Kiev, Gostekhizdat, USSR, 1962. 253 p.

"No defects," says the automatic machine. L. Lifshits. IUn. tekh. 7 no. 11 27-31 N '62

Nonlinear problem of optimization [with summary in English]. I. Sh. Pinsker, B. M. TSeitlin. Avtom. i telem. 23 no. 12 1611-1619 D '62.

Optimalizing control system for rapid technological processes. V. G. Ponomarenko, S. V. Ellis, E. E. Chernonosov. Koks i khim. no. 11 57-62 '62.

Optimum response control systems with presence of random interference [with summary in English]. V. N. Novosel'tsev. Avtom. i telem. 23 no. 12:1620-1630 D '62.

Optimum structure of digital systems of automatic control. IU. M. Korshunov. Izv. vys. ucheb. zav., prib. 5 no. 6 35-12 '62.

Overall automation and remote control of 35 to 110 kv. traction network substations. N. S. Shabalin. Elektrichestvo no. 10:80-83 O '62.

Present trends in the development of automatic control of diesel locomotives with electrical transmission systems. E. IA. Gakkel'. Trudy LILZHT no. 175:3-9 '61.

Principles of designing a mathematical model of the theory of mass servicing. G. A. Aliev, G. P. Klimov. Trudy Vych. tsentra AN Azerb. SSR 1 28-37 '62.

Principles of the design of memory and code selection elements for high-frequency sampled-data control systems. M. S. Neiman. Trudy MAI no. 149 148-157 '62

Principles of the design of super-high frequency sampled-data systems. M. S. Neiman. Trudy MAI no. 149,13-22 '62

Problem concerning the optimization of the final state of a control system [with summary in English]. L. S. Kirillova. Avtom. i telem. 23 no. 12:1584-1594 D '62.

Problem concerning the synthesis of an optimal controller in linear systems with delay subject to continuous action of disturbances [with summary in English]. M. E. Salukvadze. Avtom. i telem. 23 no. 12:1595-1601 D '62.

Pugachev, V. S. [Theory of random functions and its application to problems of automatic control] Teoriia sluchainykh funktsii i ee primenenie k zadacham avtomaticheskogo upravleniia. Izd. 3., ispr. Moskva, Fizmatgiz, 1962. 883 p.

Pulse element of width and amplitude modulation for electronic analog computers. A. A. Zluzin-Zinchenko, E. B. Ogarkov. Avtom. i telem. 23 no. 12 1675-1679 D '62.

Quantitative method for constructing transient processes in linear systems with consideration of their frequency characteristics. V. IA. Rotach. Izv. vys. ucheb. zav.; energ. 5 no. 11:46-50 N '62.

Registering of the frequency characteristics of an object and study of the optimum operation of an automatic control system of tube heating using a structural model. A. G. Abilov, I. B. Ibragimov, Z. S. Marbin. Trudy Vych. tsentra AN Azerb. SSR 1:59-70 '62.

Russia (1923- U. S. S. R.) Gosudarstvennyi komitet po voprosam truda i zarabotnoi platy. [Presently manufactured Soviet equipment for industrial initial counting and information transmission] Sredstva pervichnogo scheta i peredachi informatsii v proizvodstve vypuskaemye promyshlennostiu SSSR, obzor. Moskva, 1961. 147 p

Russia (1923- U. S. S. R.) Komitet po delam izobretenii i otkrytii. [Inventions, manufacture of instruments and automatic control devices] Sbornik izobretenii, priborostroenie i sredstva avtomatizatsii. Moskva, TSentr. biuro tekhn. informatsii, 1961. 286 p. (Sborniki otechestvennykh izobretenii)

Start network of a remote control and audio signaling system. B. S. Finkel'shtein, L. A. Dobrusin. Vest. elektroprom. 33 no. 12:65-67 D '62.

Stepping motors in program control systems. V. G. Zuevman, V. A. Ratmirov. Elektrichestvo no. 10:37-47 O '62.

Super-high frequency sampled-data computer automata. M. S. Neiman. Trudy MAI no. 149-5-12 '62.

Using polyethylene pipes for automatic control systems. D. M. Vainshtein, G. I. Dvorokovskii, N. P. Makin. Mont. i spets. rab. v stroi. 24 no. 12:11-12 D '62.

Vainshtein, D. M. [Installation of regulatory and automatic control devices] Montazh priborov kontrolia i avtomaticheskogo regulirovaniia; spravochnik. Moskva, Mashgiz, 1962. 302 p.

AUTOMATIC MACHINERY see Machinery, Automatic

AUTOMATIC PILOT (AIRPLANES)

A method for calculations related to a certain automatic adaptive process [with summary in English]. V. P. Grishin. Avtom. i telem. 23 no. 12:1602-1610 D '62.

AUTOMATIC PILOT (AIRPLANES)—COST

Some initial conditions for preliminary determination of the cost of automatic pilots. D. P. Andrianov. Trudy MAI no. 151 8-22 '62

AUTOMATIC TIMERS

Electronic calculating device manufactured by Novosibirsk young technicians. A. Terskikh. IUn. tekh. 7 no. 11 12-15 N '62

AUTOMATION

(see also subdivision under Armenia)

After the 22nd Congress of the CPSU. Mekh. i avtom. proizv. 16 no. 11 56-58 N '62.

Automation and cartography (from "The geographical review," vol. 49, no. 4, 1959). Geod. i kart. no. 3:56-63 Mr '62

[Automation in printing; a collection of translations] Avtomatizatsiia v poligrafii, sbornik perevodov. Pod red. i s predisl. A. N. Chernysheva. Moskva, Izd-vo inostr. lit-ry, 1961. 486 p.

Automation of production processes in nonferrous metallurgy. V. I. Feigin. Mekh. i avtom. proizv. 16 no. 11:30-33 N '62.

Evaluating the capacity of automatic production processes in the machinery industry. E. K. TSuprov. Trudy LPI no. 219:162-175 '62.

Experience in the work of automation. N. L. Storozhenko. Med. prom. 16 no. 6 37-40 Je '62.

For technological development. V. I. Degtiarev. Mekh. i avtom. proizv. 16 no. 11:12-16 N '62.

Important problems in the complex automation of seagoing ships. V. Syromiatnikov, A. IAkushenkov. Izv. AN Latv. SSR no. 3 165-167 '61.

Introduce transfer-machine lines more widely. L. N. Koshkin. Mekh. i avtom. proizv. 16 no. 11:34-40 N '62.

Introducing mechanization and automation in light industry of the Estonian S. S. R. IU. N. Vladychin. Mekh. i avtom. proizv. 16 no. 11.41-44 N '62.

Let us carry out the decisions of the 22nd Congress of the CPSU. V. F. IAzykovich. Mekh. i avtom. proizv. 16 no. 11:22-26 N '62.

Means for the mechanization and automation of engineering and management work in industrial enterprises. G. E. Stozinger. Mekh. i avtom. proizv. 16 no. 11: 47-51 N '62.

Mechanization and automation in enterprises of the Gorkiy Economic Council. T. I. Lapin. Mekh. i avtom. proizv. 16 no. 11.17-21 N '62.

Mechanization and automation of production processes in the Leningrad Economic Region. A. K. Antonov. Mekh. i avtom. proizv. 16 no. 11:5-12 N '62.

New instruments and machinery. Mekh. i avtom. proizv. 16 no. 11:18-19, 52-58 N '62.

Organizing experimental and model enterprises. P. D. Borodin. Mekh. i avtom. proizv. 16 no. 11:3-5 N '62.

Program-controlled automatic electroplating unit. I. A. Semenova. Med. prom. 16 no. 6:41-44 Je '62.

Smekhov, A. A. [Automation in warehouses] Avtomatizatsiia na skladakh. Moskva, Mashgiz, 1962. 207 p.

Theory of automation. A. IA. Lerner. Izobr. i rats. no. 12:2-3 D '62.

Tkalin, I. M., and V. L. Shtrum. [Automation and mechanization in the manufacture of electrical instruments] Mekhanizatsiia i avtomatizatsiia v elektropriborostroenii. Moskva, Gosenergoizdat, 1962. 331 p.

To the summits of progress. Priborostroenie no. 11: 1-2 N '62.

A year of hard work. A. S. Kolebaev. Mekh. i avtom. proizv. 16 no. 11.26-30 N '62.

AUTOMATION—BIBLIOGRAPHY see Bibliography—Automation

AUTOMATION—CONGRESSES

Magnetic units in automation. G. V. Subbotina, M. A. Bolarchenkov. Vest. AN SSSR 32 no. 12 111-112 D '62.

Problems of automation at the First International Congress on Chemical Engineering Techniques, Chemical Machinery Manufacture, and Automation. A. L. Leonov, V. N. Krainov. Khim. prom. no. 10.777-778 O '62.

AUTOMATION—ECONOMIC ASPECTS

Anisimov, G. D. [Scientific and technological progress during the building of communism] Nauchno-tekhnicheskii progress v period stroitel'stva kommunizma. Moskva, Izd-vo "Znanie," 1962. 45 p. (Novoe v zhizni, nauke, tekhnike. III Seriia: Ekonomika, no. 24)

Bourgeois technological theories of crises. I. Dvorkin. Mir. ekon. i mezhdunar. otn. no. 12:40-58 D '62.

AUTOMATION—STUDY AND TEACHING

Studying the great program of the development of communism in the process of teaching physics. A. L. Egorov. Fiz. v shkole 22 no. 5:22-37 S-O '62.

AUTOMOBILE DRIVERS see subdivision under Orel Province

AUTOMOBILE DRIVERS—EDUCATION AND TRAINING

Sabinin, A. A., I. P. Plekhanov, and V. A. Chernialkin. [Manual for motor-vehicle drivers of the second grade] Uchebnik shofera vtorogo klassa. Izd. 3., ispr. i dop. [Krasnoiarsk] Krasnoiarskoe knizhnoe izd-vo, 1962. 440 p.

AUTOMOBILE INDUSTRY see subdivision under Germany, West

AUTOMOBILE INDUSTRY—ACCOUNTING see subdivision under Gorkiy

AUTOMOBILE INDUSTRY—HYGIENIC ASPECTS see subdivision under Moscow

AUTOMOBILE INDUSTRY—INFORMATION SERVICES see subdivision under Moscow

AUTOMOBILE INDUSTRY—TECHNOLOGICAL INNOVATIONS see subdivision under Moscow

AUTOMOBILE INDUSTRY WORKERS see subdivision under Gorkiy, Minsk

AUTOMOBILE RACING

Championship of the U.S.S.R. on highway race rings. Avt. transp. 40 no. 11:57-58 N '62.

International records of Soviet racers. IU. Strachkov. Avt. transp. 40 no. 11:59 N '62.

AUTOMOBILES—ELECTRIC EQUIPMENT

An automatic automobile light dimmer (from "Radiomator i Kratkofalowiec," no. 5 1962). Radio no. 11:55-56 N '62.

AUTOMOBILES—ENGINES—CYLINDERS

Mechanism for centering engine cylinders. IU. Kostin. Tekh. v sel'khoz. 22 no. 10:75-76 O '62.

AUTOMOBILES—ENGINES—VALVES

Device for the continuous control of valve stems during centerless grinding. Z. L. Tubenshliak, M. I. Skalkin. Trakt i sel'khozmash. 31 [i e. 32] no. 11:37-38 N '62.

For the attention of drivers! Reseating of engine valves. P. Syrkin and M. Rudyk. Sel'. mekh. no. 10:33 '62.

AUTOMOBILES—MAINTENANCE AND REPAIR (see also subdivision under Vienna)

A cart for removing and installing motor vehicle springs. V. Zinov'ev. Tekh. v sel'khoz. 22 no. 10:76-79 O '62.

Mechanizing the maintenance of automobiles. B. Koguenko. Avt. transp. 40 no. 12:14-16 D '62.

Moscow. Nauchno-issledovatel'skii institut avtomobil'nogo transporta. [Technical specifications for the overhaul of the M-21 "Volga" automobile] Tekhnicheskie usloviia na kapital'noi remont avtomobilia M-21 "Volga." Moskva, Avtotransizdat.

Pt 2 [Technical specifications for checking and sorting parts of the M-21 "Volga" automobile] Tekhnicheskie usloviia na kontrol'-sortirovku detalei avtomobilia M-21 "Volga." 1962. 400 p.

AUTOMOBILES—SHOCK ABSORBERS

Improving telescopic shock absorbers of the M-21 "Volga" automobile. Avt. transp. 40 no. 12:50 D '62.

AUTOMOBILES—TESTING

Laptev, S. A. [Road testing of automobiles] Dorozhnye ispytaniia avtomobilei. Moskva, Mashgiz, 1962. 314 p.

AUTOMOBILES—TRANSMISSION DEVICES

Casting automobile engine camshafts in sand chills [in Georgian with summary in Russian]. B. V. Petriashvili, N. A. Gogua. Trudy Inst. met AN Gruz. SSR 12:145-151 '62.

AUTOMOBILES—WHEELS—TESTING

Stand for testing the alignement of front wheels. V. Ilarionov, S. Margolis. Avt. transp. 40 no. 11:18-22 N '62.

AUTOMOBILES, RENTAL

Contracts for the rental of motorcars [with summary in English]. E. M. Tynismae. Vest. LGU 17 no. 23:108-111 '62.

AUTONOMIC DRUGS

Treatment of blood transfusion shock occurring against a background of neuroplegic action [with summary in English]. L. IA. Fishchenko, E. M. Neiko. Biul. eksp. biol. i med. 54 no. 11:42-46 N '62.

AUTONOMY

Autonomy in the postwar constitutions of bourgeois states [with summary in English]. S. I. Rusinova. Vest. LGU 17 no. 23:89-99 '62.

AUTOTROPHIC BACTERIA see Bacteria, Autotrophic

AUTUMN see subdivision under White Russia

AUXILIARY POLICE

Sokolov, IU. A. [Participation of Soviet workers in the maintenance of law and order] Uchastie trudiashchikhsia v okhrane sovetskogo obshchestvennogo poriadka. Moskva, Goslurizdat, 1962. 168 p.

TSvetkov, B. N. [What voluntary policemen should know about their work] Eto nuzhno znat' druzhinniku [Leningrad] Lenizdat, 1962. 85 p.

AVITAMINOSIS see Deficiency diseases

AXIAL FANS see Fans, Mechanical

AXONOMETRIC PROJECTION

Plotting axonometric projections of machine parts in the rectangular coordinate system. M. M. IUditskii, G. G. Makukha. Izv. vys. ucheb. zav., mashinostr. no. 8:13-22 '62.

AYNI DISTRICT—GEOLOGY, STRATIGRAPHIC

Conditions governing the sedimentation of Jurassic coal-bearing sediments in the Fan-Yagnob coal deposit. Sh. K. Kabilov. Trudy Inst. geol. AN Tadzh. SSR 4:47-63 '61.

AZEPINONE

Induction periods of ε-caprolactam and Ś-enantholactam polymerization reactions under various conditions [with summary in English]. N. S. Enikolopian, A. K. Bonetskaia, S. M. Skuratov. Vysokom. soed. 4 no. 12:1779-1783 D '62.

AZERBAIJAN—AGRICULTURAL ADMINISTRATION

Agricultural administration in the Lenkoran, Astara, and Lerik districts of the Azerbaijan S. S. R. A. A. Izmailova. Izv. AN Azerb. SSR. Ser. obshchestv. nauk no. 9:11-21 '62.

AZERBAIJAN—ALOE

Cultivation of Aloe arborescens in Azerbaijan [in Azerbaijani with summary in Russian]. M. A. Raginov, G. B. Rasulova. Izv. AN Azerb. SSR. Ser. biol. i med. nauk no. 6:9-15 '62.

AZERBAIJAN—ASPHALT ROCK

Use of rock asphalt for the stimulation of soil microflora. G. S. Kasimova. Uch. zap. AGU Biol. ser. no. 6:19-25 '60.

AZERBAIJAN—AUCHENORHYNCHA

Cicadoidea (Homoptera) of Azerbaijan and their distribution. A. M. Kulieva. Izv. AN Azerb. SSR. Ser. biol. i med. nauk no. 4:59-66 '62.

AZERBAIJAN—BIOGRAPHY

Baku. Muzei istorii Azerbaidzhana. [Streets of Baku are named for them] Ikh imenami nazvany ulitsy goroda Baku. Baku, Akad. nauk Azerbaidzhanskoi SSR, 1962. 378 p. (MIl)

AZERBAIJAN—BITUMEN—GEOLOGY

Follow-up to V. V. Veber's article "Formation of oil in the productive formation of the southeastern Caucasus." N. Vassoevich. Geol. nefti i gaza 6 no. 10:56-61 O '62.

AZERBAIJAN—BORING

Karaev, S. K. [Improving equipment for drilling deep exploratory wells] Sovershenstvovanie tekhnologii bureniia glubokikh razvedochnykh skvazhin. Baku, Azerbaidzhanskoe gos. izd-vo, 1961. 131 p.

AZERBAIJAN—CINQUEFOIL

Ecologic and anatomic study of two species of cinquefoil (Potentilla). A. M. Gasanov. Izv. AN Azerb. SSR Ser. biol. i med. nauk no. 6:17-27 '62.

AZERBAIJAN—CLUBHOUSES

Planning rural community centers in the Azerbaijani S. S. R. [in Azerbaijani with summary in Russian]. Nifavi Rzaev. Izv. AN Azerb. SSR. Ser. obshchestv. nauk no. 10:79-81 '61.

AZERBAIJAN—COTTON GROWING

Distribution of actual temperature in cotton regions of Azerbaijan [in Azerbaijani with summary in Russian]. Izv. AN Azerb. SSR. Ser. geol. -geog. nauk i nefti no. 3:123-135 '62.

AZERBAIJAN—COYPU

Albinism in nutria. F. F. Aliev. Izv. AN Azerb. SSR. Ser. biol. i med. nauk no. 6:39-41 '62.

AZERBAIJAN—EURYGASTERS

Materials for studying the parasites eating eggs of Eurygaster integriceps in the Alazan'-Avtaran Valley of Azerbaijan. G. D. Samedov, D. A. Gidaiatov. Izv. AN Azerb. SSR. Ser. biol. i med. nauk no. 4:67-72 '62.

AZERBAIJAN—FIELD MICE

Ecology of the field mouse (apodemus agrarius Pall.) in Azerbaijan. Kh. M. Alekperov, S. N. Erofeeva. Izv. AN Azerb. SSR. Ser. biol. i med. nauk no. 6:29-37 '62.

AZERBAIJAN—FORAGE PLANTS

Effect of different times and types of sowing on the metabolism of some forage plants grown under conditions of dry farming [in Azerbaijani with summary in Russian]. A. M. Mamedov. Izv. AN Azerb. SSR. Ser. biol. i med. nauk no. 4:23-29 '62.

AZERBAIJAN—FORAMINIFERA, FOSSIL

Some species of ribbed Lenticulina from Middle Jurassic sediments of Azerbaijan. G. K. Kasimova. Izv. AN Azerb. SSR. Ser. geol. -geog. nauk i nefti no. 3:61-72 '62.

AZERBAIJAN—FOREST SOILS

Relation of Brown mountain-forest soils to the Crimean pine [in Azerbaijani with summary in Russian]. F. F. Sharifov. Izv. AN Azerb. SSR. Ser. biol. i med. nauk no. 6:71-75 '62.

AZERBAIJAN—GAS, NATURAL—GEOLOGY

Prospects for finding oil and gas in Mesozoic sediments of Azerbaijan in the light of new data. A. A. Ali-Zade and others. Izv. AN Azerb. SSR. Ser. geol. -geog. nauk i nefti no. 3:3-22 '62.

AZERBAIJAN—GEOLOGY

Abdullaev, R. A., and Kh. D. Dzhafarov. [Geological and geophysical characteristics of the oil- and gas-bearing area in Caspian Sea region of Azerbaijan] Geologo-geofizicheskaia kharakteristika Prikaspiiskogo neftenosnogo raiona Azerbaidzhana. Baku, Azerbaidzhanskoe gos. izd-vo, 1962. 164 p.

AZERBAIJAN—GRAPES

Effect of grass cultivation in the interrows of irrigated vineyards on the moisture and nutritive conditions of soils. M. K. Kasumova. Trudy Azerb. nauch.-issl. inst. sad., vin. i subtrop. kul't. no. 5:19-54 '62.

Photosynthesis of grapes in Gornyy Shirvan [in Azerbaijani with summary in Russian]. R. M. Mekhtizade. Trudy Azerb. nauch.-issl. inst. sad., vin. i subtrop. kul't. no. 5:55-66 '62.

AZERBAIJAN—GRAPES—VARIETIES

Economic and technological characteristics of some grape varieties in mountain regions. I. Kh. Dzhafarov. Trudy Azerb. nauch.-issl. inst. sad., vin. i subtrop. kul't. no. 5:99-102 '62.

Grape breeding. M. A. Mirzoian. Trudy Azerb. nauch.-issl. inst. sad., vin. i subtrop. kul't. no. 5:11-24 '62.

Pruning severity for the Shirvan Shakhi grape variety. A. N. Asadullaev. Trudy Azerb. nauch.-issl. inst. sad., vin. i subtrop. kul't. no. 5:127-129 '62.

AZERBAIJAN—GROWTH PROMOTING SUBSTANCES

Effect of a growth promoting substance of petroleum origin on woody plants. D. A. Komissarov, L. P. Shteinvol'f. Les khoz. 15 no. 7:34-36 Jl '62.

AZERBAIJAN—MACHINERY INDUSTRY—TECHNOLOGICAL INNOVATIONS

Ivanov, Kh. G. [Living springs of creative initiative] Zhivye rodniki tvorcheskoi initsiativy, opyt raboty Soveta VOIR ordena Lenina zavoda im. Ieil. Shmidta. Baku, Azernesbr, 1961. 31 p. (Biblioteka izobretatelia i ratsionalizatora)

AZERBAIJAN—MINING ENGINEERING

Mamedov, Sh. N. [Effective development of solid mineral deposits in the Azerbaijan S. S. R.] Ratsional'naia razrabotka mestorozhdenii tverdykh poleznykh iskopaemykh Azerbaidzhanskoi SSR. Baku, Azerbaidzhanskoe gos. izd-vo, 1961. 327 p.

AZERBAIJAN—MOHAMMEDANISM

Khadzhibelli, Dzhelkhun. [Anti-Islamic propaganda and its methods in Azerbaijan] Antiislamistskaia propaganda i ee metody v Azerbaidzhane. Munich, In-t po izucheniiu SSSR, 1960. 87 p. (IaU)

AZERBAIJAN—NIGHTSHADE—WATER REQUIREMENTS

Effect of different temperature and moisture on the growth and development of the nightshade Solanum aviculare [in Azerbaijani with summary in Russian]. S. M. Aslanov. Izv. AN Azerb. SSR. Ser. biol. i med. nauk no. 4:3-10 '62.

AZERBAIJAN—OIL FIELDS—PRODUCTION METHODS

In the third field of the Lenin Petroleum Trust. T. Akramian. Neftianik 7 no. 5:4 My '62.

AZERBAIJAN—OIL WELL DRILLING, SUBMARINE

Babaev, N. Kh. [Drilling deep wells in offshore areas of Azerbaijan] Burenie glubokikh skvazhin na morskikh ploshchadiakh Azerbaidzhana. Baku, Azernesbr, 1962. 209 p.

AZERBAIJAN—OIL WELLS—MAINTENANCE AND REPAIR

Abdullaev, D. Z. [Study and teach advanced practices] Uchit'sia i uchit' na peredovom opyte. Baku, Azernesbr, 1962. 30 p. (Biblioteka brigady kommunisticheskogo truda)

AZERBAIJAN—PARASITES—INSECTS

Materials for studying the parasites eating eggs of Eurygaster integriceps in the Alazan'-Avtaran Valley of Azerbaijan. G. D. Samedov, D. A. Gidaiatov. Izv. AN Azerb. SSR. Ser. biol. i med. nauk no. 4:67-72 '62.

AZERBAIJAN—PETROLEUM GEOLOGY

Prospects for finding oil and gas in Mesozoic sediments of Azerbaijan in the light of new data. A. A. Ali-Zade and others. Izv. AN Azerb. SSR. Ser. geol. -geog. nauk i nefti no. 3:3-22 '62.

AZERBAIJAN—PETROLEUM REFINERIES—EQUIPMENT AND SUPPLIES

Increasing the production capacities of units in petroleum refineries of Azerbaijan. R. O. Ismailov, M. A. Mamedov, Sh. Sh. Spektor. Khim. i tekh. topl. i masel 7 no. 11:5-7 N '62.

AZERBAIJAN—PHYSICAL GEOGRAPHY
Physicogeographical characteristics of provinces, regions, and subregions of the Lesser Caucasus, Nakhichevan subprovince, Kura-Aras Lowland, and Lenkoran' province. N. K. Keremov. Uch. zap. AGU. Geol.-geog. ser. no. 1:23-30 '59.

AZERBAIJAN—PINE
Relation of Brown mountain-forest soils to the Crimean pine [in Azerbaijani with summary in Russian] E. F. Sharifov. Izv. AN Azerb. SSR. Ser. biol. i med. nauk no. 6:71-76 '62.

AZERBAIJAN—PIPE MILLS
Gorin, L. S., and R. A. Faibisovich. [By way of great accomplishments] Dorogoi bol'shikh svershenii. Baku, Azerneshr, 1962. 63 p.

AZERBAIJAN—PLANTS, EFFECT OF SALTS ON
Effect of presowing hardening on carbohydrate metabolism in corn grown in soils of various salinity types. Z. S. Azizbekova, Zh. A. Babaeva. Izv. AN Azerb. SSR. Ser. biol. i med. nauk no. 6:3-8 '62

AZERBAIJAN—PRODUCTIVITY ACCOUNTING
Improve the planning of labor productivity indices. M. Begidzhanov, I. Baltrushevich. Sots. trud 7 no 11. 128-132 N '62.

AZERBAIJAN—PROSPECTING—GEOPHYSICAL METHODS
Abdullaev, R. A., and Kh. D. Dzhafarov. [Geological and geophysical characteristics of the oil- and gas-bearing area in Caspian Sea region of Azerbaijan] Geologo-geofizicheskaia kharakteristika Prikaspiiskogonef tenosnogo raiona Azerbaidzhana. Baku, Azerbaidzhanskoe gos. izd-vo, 1962. 164 p.

AZERBAIJAN—QUARTZ
Prospects for finding vein quartz (for smelting) in the Azerbaijanian part of the Lesser Caucasus. T. M. Mamedov. Izv. AN Azerb. SSR. Ser. geol.-geog. nauk i nefti no. 3:101-103 '62.

AZERBAIJAN—RELATIONS (GENERAL) WITH IRAN
M. F. Akhundov and Iranian enlighteners of the 19th century [in Azerbaijani with summary in Russian]. Gamid Mamed-zade Izv. AN Azerb. SSR. Ser. obshchestv. nauk no. 10:25-36 '62.

M. F. Akhundov's influence on the development of progressive social thought in Iran A. M. Agakhi. Izv. AN Azerb. SSR Ser. obshchestv. nauk no 10:75-84 '62.

AZERBAIJAN—ROCKS, IGNEOUS
Some volcanic rocks in the southern slope of the Caucasus in Azerbaijan. R. G. Sultanov. Uch. zap. AGU. Geol.-geog. ser. no. 1:11-22 '59.

AZERBAIJAN—RUSSIAN LANGUAGE—COMPOSITION AND EXERCISES
Laptev, V. I. [Instructive compositions in the Russian courses for grades 5-8 of Azerbaijani schools] Otuchatsshchie pis'mennye raboty na urokakh russkogo iazyka v V-VIII klassakh Azerbaidzhanskoi shkoly. Baku, Azeruchpedgiz, 1962. 63 p.

AZERBAIJAN—RUSSIAN LANGUAGE—STUDY AND TEACHING
Kolesnikov, V. I., and S. L. Nisimov. [Methodological instructions for the Russian language textbook for the fourth grade of Azerbaijani schools] Metodicheskie ukazaniia k uchebniku russkogo iazyka dlia 4 klassa azerbaidzhanskoi shkoly. Baku, Azeruchpedgiz, 1962. 63 p.

AZERBAIJAN—SOILS—TERMINOLOGY
Translation of complicated soil terms into Azerbaijani and their indexing. Sh. G. Gasanov. Izv. AN Azerb. SSR. Ser. biol. i med. nauk no. 6:77-82 '62.

AZERBAIJAN—TEMPERATURE
Distribution of actual temperature in cotton regions of Azerbaijan [in Azerbaijani with summary in Russian]. Izv. AN Azerb. SSR. Ser. geol.-geog. nauk i nefti no. 3: 123-135 '62.

AZERBAIJAN—TOBACCO INDUSTRY
Tobacco industry in Azerbaijan at the end of the 19th century. A. S. Sumbatzade. Izv. AN Azerb. SSR. Ser. obshchestv. nauk no. 10:15-22 '61.

AZERBAIJAN—VITICULTURE
Combination of branches on collective grape farms in the mountain regions of Azerbaijan as exemplified by Shemakha, Ismailly, and Divichi Districts. M. S. Fel'. Trudy Azerb. nauch.-issl. inst. sad., vin. i subtrop. kul't. no. 5:77-82 '62.

Economic effectiveness of viticulture and ways for its increase on the collective farms of Gornyy Shirvan. M. S. Fel'. Trudy Azerb. nauch.-issl. inst. sad., vin. i subtrop. kul't. no. 5:97-76 '62.

Effect of suckers on the yield and quality of grapes. A. N. Asadullaev. Trudy Azerb. nauch.-issl. inst. sad., vin. i subtrop. kul't. no. 5:141-142 '62.

Methods for protecting grapevines from the action of low temperatures. D. S. Suleimanov. Trudy Azerb. nauch.-issl. inst. sad., vin. i subtrop. kul't. no. 5:25-40 '62.

Selecting the location for grape planting on non-irrigated soils in the mountain regions of the Azerbaijan S. S. R. R. K. Allakhverdiev. Trudy Azerb. nauch.-issl. inst. sad., vin. i subtrop. kul't. no. 5 83-97 '62

Training of grapevines in Azerbaijan. D. IA. Voronovich. Trudy Azerb. nauch.-issl. inst. sad., vin. i subtrop. kul't. no. 5:3-10 '62.

AZERBAIJAN—WAGES—AUDITING AND INSPECTION
Vorob'ev, E. V. [Control over wage fund disbursement in the national economy] Kontrol' nad raskhodovaniem v narodnom khoziaistve fondov zarabotnoi platy. Baku, Azernoshr, 1962. 51 p

AZERBAIJAN—WOMEN
The granddaughter of the legendary Meshadi. A. Sharifov. Az. i Afr. seg. no. 11-23, 28 N '62.

AZERBAIJANI ART see Art, Azerbaijani

AZERBAIJANI LANGUAGE—ADJECTIVE
The intensive form of adjectives in the Azerbaijani language [in Azerbaijani with summary in Russian] B. M. Tagiev Izv. AN Azerb. SSR. Ser. obshchestv. nauk no. 9 23-32 '62

AZERBAIJANI LANGUAGE—ATTRIBUTION
Attributive phrases of type I in the "Dekhnama" (Pen letters) [in Azerbaijani with summary in Russian]. G. M. Gasanov Izv. AN Azerb. SSR. Ser. obshchestv. nauk no. 10:11-57 '61

AZERBAIJANI LANGUAGE—DIALECTS see subdivision under Akstafa region

AZERBAIJANI LANGUAGE—ETYMOLOGY
Etymology of some words [in Azerbaijani with summary in Russian]. K. T. Ramazanov. Izv. AN Azerb. SSR. Ser. obshchestv. nauk no. 10:59-66 '61.

AZERBAIJANI LANGUAGE—SENTENCES
Incomplete sentences in the contemporary Azerbaijani language. T. Efendieva-Gadzhieva. Izv. AN Azerb. SSR. Ser. obshchestv. nauk no. 10:33-43 '61.

AZIMUTH
Determination of the geodetic azimuth with micrometer instruments from observations of TSinger pairs N. A. Ortenberg. Geod. i kart no. 4,26-32 Ap '62

AZINES
Polyazines, a new class of polymers with conjugate bonds. A. V. Topchiev and others. Dokl. AN SSSR 147 no. 3:645-646 N '62.

AZIZBEKOV, MESHADI, 1876-1918
The granddaughter of the legendary Meshadi. A. Sharifov. Az. i Afr. seg. no. 11:23, 28 N '62.

AZIZBEKOVA, PISTA A.
The granddaughter of the legendary Meshadi. A. Sharifov. Az. i Afr. seg. no. 11 23, 28 N '62.

AZO COMPOUNDS—SPECTRA
Mass spectra of some poly- and perfluoro azo and azoxy compounds S. S. Dubov, A. M. Khokhlova, N. P. Rodionova. Zhur. VKHO 7 no 6 692 '62

AZO DYES
Migration-stable yellow monoazo pigments. N. G. Laptev, A. N. Vysokosov. Zhur. VKHO 7 no 6.698-700 '62.

AZOCINONE
Induction periods of ε-caprolactam and ζ-enantholactam polymerization reactions under various conditions [with summary in English] N. S. Enikolopian, A. K. Honetskaia, S. M. Skuratov. Vysokom. soed. 4 no 12 1770-1783 D '62.

Polymerization involving ethyl- and propyl-substituted enantholactams [with summary in English]. A. V. Volokhina and others. Vysokom soed 4 no 12 1829-1832 D '62.

AZOTOBACTER
Bacterial fertilizers, their effectiveness and mechanism of action. E. N. Mishustin, A. N. Naumova. Mikrobiologiia 31 no. 3:543-555 My-Je '62.

Distribution and characteristics of Azotobacter chroococcum [with summary in English]. G. N. Blinkov. Mikrobiologiia 31 no. 3:493-498 My-Je '62.

Effect of azotobacterin and phosphorobacterin on the yield of patchouli. L. N. Ladarina. Trudy Sukh. opyt. sta. efiromasl. kul't. no. 3/4:78-81 '61.

Effect of mercuran and TMTD on the habitation, dynamics, and activity of Azotobacter in the rhizosphere of spring wheat [in Latvian with summaries in English and Russian]. A. Klincare. Izv. AN Latv. SSR no. 1:109-114 '61.

Role of Azotobacter in the accumulation of nitrogen in soil. D. Karagulsheva. Izv. AN Kazakh. SSR. Ser. bot. i pochv. no. 3:36-41 '62.

Studying the physiology of Azotobacter vinelandii under conditions of a continuous flow culture [with summary in English]. N. D. Ierusalimskii, G. N. Zaitseva, I. A. Khmel'. Mikrobiologiia 31 no. 3.417-423 My-Je '62.

AZOV, SEA OF—LAMELLIBRANCHIATA
Effect of water with increased calcium content on the molluscs of the Sea of Azov, materials on the acclimatization of Syndesmya ovata and Corbulomya maeotica in the Aral Sea. A. F. Karpevich. Trudy Gidrobiol. ob-va 12,42-54 '62.

AZOV-KUBAN REGION—GAS, NATURAL—GEOLOGY
Azov-Kuban oil' and gas-bearing basin. I. O. Brod and others Zakonom. razm. polezn. iskop. 5 536-548 '62

AZOV-KUBAN REGION—PETROLEUM GEOLOGY
Azov-Kuban oil- and gas-bearing basin. I. O. Brod and others. Zakonom razm polezn. iskop. 5 536-548 '62.

AZOXY COMPOUNDS—SPECTRA
Mass spectra of some poly- and perfluoro azo and azoxy compounds. S. S. Dubov, A. M. Khokhlova, N. P. Rodionova Zhur VKHO 7 no 6 692 '62.

BCG
Significance of the pH and alkaline reserve of an egg medium for the growth of BCG [with summary in French]. M. I. Loginova. Probl tub. no. 7 83-87 '62.

BABAT, GEORGII IL'ICH, 1911-1960
High-frequency automobile is on its way. Anna Garf. Nauka i zhizn' 29 no 10:74-80 O '62.

BADAZADE, BADA KURBAN
Baba-Zade Baba Kurban Kuli; an obituary. Geol. nefti i gaza 6 no. 11:64-3 of cover N '62

BABBIT METAL
Pouring BK-2 babbit linings for 2D100 locomotive engines M. S. Gvozdev. Ind. proizv. no. 11:39 N '62.

BABESIELLA see subdivision under Karelia

BABUSHKIN, IVAN VASIL'EVICH, 1873-1906
Our national hero and the pride of our party; on the 90th anniversary of I. V. Babushkin's birth. P. L. Varhatiuk Ukr. ist. zhur. 6 no 6:132-133 N-D '62.

BACILLE CALMETTE-GUERIN see BCG

BACILLUS BREVIS
Synthetic medium for the development of Bacillus brevis var. G. B. and the formation of gramicidin S [with summary in English]. V. V. Koreshnov, N. S. Egorov. Mikrobiologiia 31 no. 3:515-519 My-Je '62.

BACTEREMIA
Bacteremia as one of the pathogenetic factors in burn disease [with summary in English]. A. M. IAkovlev and others. Khirurgiia 38 no 10:34-40 O '62.

BACTERIA
(see also subdivision under Otradnoye, Lake)
Battery in a test-tube. S. Pisochyns'kyi. Znan. ta pratsia no. 8:18 Ag '62.

Electron carriers in the respiratory chain and their connection with the structures of the bacterial cell. N. S. Gol'man, M. A. Lukianova. Mikrobiologiia 31 no. 3 556-569 My-Je '62.

Return to life after 320 million years. M. Kh. Gorlin. Priroda 51 no. 12:105-106 D '62.

BACTERIA, AUTOTROPHIC
Relation of photoautotrophic bacteria to vitamins and the synthesis of vitamins by these organisms [with summary in English]. V. E. Uspenskaia, E. N. Kondrat'eva. Mikrobiologiia 31 no. 3.396-401 My-Je '62.

BACTERIA, CELLULOSE-DECOMPOSING
Description of some new species and varieties of cellulose-decomposing myxobacteria [with summary in English]. N. I. Pronina. Mikrobiologiia 31 no. 3:470-477 My-Je '62

BACTERIA, EFFECT OF DRUGS ON
Method for producing and studying antibiotic-resistant strains of micro-organisms. N. F. Gamaleia Lab. delo 8 no. 5.43-46 My '62.

BACTERIA, NITRIFYING see subdivision under Kokchetav Province

BACTERIA, PHOSPHORUS
Bacterial fertilizers, their effectiveness and mechanism of action. E. N. Mishustin, A. N. Naumova. Mikrobiologiia 31 no. 3:543-555 My-Je '62.

Effect of azotobacterin and phosphorobacterin on the yield of patchouli. L. N. Ladarina. Trudy Sukh. opyt. sta. efiromasl. kul't. no. 3/4:78-81 '61.

Simultaneous treatment of seeds with phosphorobacterin and disinfection with granosan M. T. Kvaratskheliia Zemledelie 24 no. 7:53-55 Jl '62

BACTERIA, PHYTOPATHOGENIC
(see also subdivision under Armenia)
Millet bacteriosis. V. I. Potlaichuk. Zashch. rast. ot vred i bol. 7 no 8:57-58 Ag '62.

BACTERIA, SULFUR
Experimental investigation of the reduction of sulfates by bacteria in the Black Sea using S^{35} [with summary in English]. IU. I. Sorokin. Mikrobiologiia 31 no. 3 402-410 My-Je '62.
Taxonomy of iron-oxidizing Thiobacilli [with summary in English]. V. I. Ivanov, N. N. Ilarionova. Mikrobiologiia 31 no. 3 468-469 My-Je '62.

BACTERICIDES
Chemotherapeutic method for controlling the bacterial blight of stone fruits. A. K. Vasil'kova. Zashch. rast. ot vred. i bol. 6 no. 8 57 Ag '61.
Use of imanin in the eye clinic [with summary in English]. V. S. Gorianov. Vest. oft. no. 5 78-81 '62.

BACTERIOLOGY—CULTURES AND CULTURE MEDIA
Laboratory studies on the pine red heart rot. V. M. Bratuel', T. S. Kyrylenko. Nauk. pratsi lisohosp. fak. UASHN 15 no. 3-100-104 '60.
Significance of the pH and alkaline reserve of an egg medium for the growth of BCG [with summary in French]. M. I. Loginova. Probl. tub. no. 7 83-87 '62.
Sterilization of nutrient media using β-propiolactone. A. G. Bazhinov and others. Lab. delo 8 no. 5 46-49 My '62.
Synthetic medium for the development of Bacillus brevis var. G. B. and the formation of gramicidin S [with summary in English]. V. V. Korshunov, N. S. Egorov. Mikrobiologiia 31 no. 3 515-519 My-Je '62.

BACTERIOLOGY—TECHNIQUE
Needle pipette for artificial infection of plants with phytopathogenic bacteria. R. I. Hvozdiak. Mikrobiol. zhur. 24 no. 2 66-67 '62.
Use of polarization microscopy in the detection of formazan crystals in bacterial cells [with summary in English]. M. IA. Korn, N. N. Solov'ev. Mikrobiologiia 31 no. 3 540-541 My-Je '62.

BACTERIOLOGY, AGRICULTURAL see Agricultural microbiology

BACTERIOPHAGE
Electron microscope observations on bacteriophagia in actinomyces [with summary in English]. T. F. Kuz'mina. Mikrobiologiia 31 no. 3 490-492 My-Je '62.
Interrelations between algae and micro-organisms. Report No. 3. The effect of Chlorella vulgaris and Scenedesmus obliquus algae on the survivability of bacteriophages to Salmonella typhimurium [with summary in English]. N. V. Davydova, V. V. Pospelova, M. M. Telitchenko. Biul. eksp. biol. i med. 54 no. 11 84-87 N '62.

BACZYNSKI, KRZYSZTOF KAMIL, 1921-1944
"Krzysztof Baczynski" [in Polish] by Kazimierz Wyka. Reviewed by V. Khorev. Vop. lit. 6 no. 10 237-238 O '62.

BAER, KARL ERNST VON, 1792-1876
"Karl Ernst von Baer, his life and works" by B. E. Raikov. Reviewed by IU. I. Polianskii. Zool. zhur. 41 no. 10 1594-1595 O '62.

BAGHDAD
The city of the "Arabian nights." P. Demchenko. Az. i Afr. ser. no. 12 35-37 D '62.

BAGRATION, PETR IVANOVICH, 1765-1812
Wound and death of Bagration. B. A. Petrov. Ogonek 40 no. 40 20-21 S '62.

BAIKAL, LAKE—CURRENTS (HYDROLOGY)
Some information on currents in southern Lake Baikal. B. A. Pomytkin. Meteor. i gidrol. no. 11 47-50 N '62.

BAIKAL, LAKE—STURGEONS
Egorov, A. G. [Baikal sturgeon Acipenser baeri stenorrhynchus natio baicalensis A. Nikolski; taxonomy, biology, fisheries, stocks, and their reproduction] Baikal'skii osetr - Acipenser baeri stenorrhynchus natio baicalensis A. Nikolski; sistematika, biologiia, promysel, syr'evaia baza i vosproizvodstvo zapasov. Pod obshchei red. K. I. Misharina. Ulan-Ude, Buriatskii kompleksnyi nauchno-issl. in-t, 1960. 119 p.

BAIKAL LAKE REGION—DISCOVERY AND EXPLORATION
Serova, O. V., and S. G. Sarkisian. [The gem of Eastern Siberia] Zhemchuzhina Vostochnoi Sibiri. Ulan-Ude, Buriatskoe knizhnoe izd-vo, 1961. 167 p.

BAIKAL LAKE REGION—ECONOMIC CONDITIONS
Serova, O. V., and S. G. Sarkisian. [The gem of Eastern Siberia] Zhemchuzhina Vostochnoi Sibiri. Ulan-Ude, Buriatskoe knizhnoe izd-vo, 1961. 167 p.

BAIKAL LAKE REGION—PARASITES—FISHES
Parasites of Amur fishes acclimatized in the basin of Lake Baikal [with summary in English]. V. V. Cherepanov. Zool. zhur. 41 no. 10 1568-1571 O '62.

BAIKAL LAKE REGION—WINTER
Winter in the Lake Baikal region. V. E. Gudritis. Priroda 51 no. 12 122 D '62.

BAIKONUROV, OMIRKHAN AIMAGAMBETOVICH, 1912-
The fiftieth birthday of O. A. Baikonurov, member of the Academy of Sciences of the Kazakh S. S. R. Vest. AN Kazakh SSR 18 no. 11 88-89 N '62.

BAKERS AND BAKERIES—EQUIPMENT AND SUPPLIES
Mikheiev, A. A. [Handbook of the bakery mechanic] Spravochnik mekhanika khlebopekarnogo proizvodstva. Kiev, Gostekhizdat USSR, 1962. 472 p.
Zaitsev, N. V. [Technical equipment for bakeries] Tekhnologicheskoe oborudovanie khlebozavodov. Izd-2., perer. i dop. Moskva, Pishchepromizdat, 1961. 551 p.

BAKHMET'EV, PORFIRII IVANOVICH, 1860-1913
Professor Porfirii Ivanovich Bakhmet'ev. V. P. Bakhmet'eva-Zlateva. Sov. zdrav. 21 no. 12 71-72 '62.

BAKING—TECHNOLOGICAL INNOVATIONS
He made our bread. R. IArov. Izobr. i rats. no. 12: 24-26 D '62.

BAKSHEEV, VASILII NIKOLAEVICH, 1862-1958—BIBLIOGRAPHY see Bibliography—Baksheev, Vasilii Nikolaevich, 1862-1958

BAKU—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK
Musliumov, I. S., and N. L. Akhmedov. [The Baku party organization at the forefront of the movement for communist labor] Bakinskaia partiinaia organizatsiia vo glave dvizheniia za kommunisticheskii trud. Baku, Azerbaidzhanskoe gos. izd-vo, 1962. 160 p.

BAKU—CONSTRUCTION WORKERS
First in Baku. Mor. flot 22 no. 9 21 S '62.

BAKU—DESCRIPTION
Master Pir and his children. Leonid Tairov. Kul't. i zhizn' 6 no. 10 18-23 '62.

BAKU—EFFICIENCY, INDUSTRIAL
Musliumov, I. S., and N. L. Akhmedov. [The Baku party organization at the forefront of the movement for communist labor] Bakinskaia partiinaia organizatsiia vo glave dvizheniia za kommunisticheskii trud. Baku, Azerbaidzhanskoe gos. izd-vo, 1962. 160 p.

BAKU—PETROLEUM WORKERS
Master Pir and his children. Leonid Tairov. Kul't. i zhizn' 6 no. 10 18-23 '62.

BAKU—RAILROADS—CARS
The future is in today. A. Polonskii. Az. i Afr. ser. no. 11 26-28 N '62.

BAKU—STREETS
Baku. Muzei istorii Azerbaidzhana. [Streets of Baku are named for them] Ikh imenami nazvany ulitsy goroda Baku. Baku, Akad. nauk Azerbaidzhanskoi SSR, 1963. 378 p.
(MK)

BALANCE SHEETS see Financial statements

BALANTIDIUM COLI
Rectoromanoscopy in balantidiasis. V. G. Khomisov. Terap. arkh. no. 8 23-29 '62.

BALDONE—GUIDEBOOKS
Blaus, I. [Baldone; a tourist's guidebook to the resort and its environs] Baldone; turistskii putevoditel' po kurortu i ego okrestnostiam. Riga, Latvijskoe gos. izd-vo, 1962. 89 p.

BALKAN PENINSULA—ORE DEPOSITS
Structure, magmatic activity and hypogene metallogeny of the Balkan-Anatolian section of the Alpine geosyncline. A. A. Malekhov. Zakonom. razm. polezn. iskop. 5:283-303 '62.

BALKANS—CONGRESSES
International Colloquy on Balkan Civilizations. A. S. Tveritinova. Vest. AN SSSR 32 no. 12 88 D '62.

BALKHASH LAKE REGION—WATER, UNDERGROUND
New data on the hydrogeology of the northern Lake Balkhash region. K. I. Sychev and others. Mat. po geol. i pol. iskop. TSentr. Kazakh. no. 2 85-95 '62.

BALLAST (RAILROADS)
Lopal, S. D., A. I. Reprev, and D. S. Kondrashov. [Overall mechanization of ballasting operations] Kompleksnaia mekhanizatsiia ballastirovochnykh rabot. Moskva, Transzheldorizdat, 1962. 176 p.

BALLET
(see also subdivision under Bulgaria; Leningrad; Moscow; New York, City; Sofia, Voronezh)
Bon voyage, our dear students! Sovr. Mong. 7 no. 8, 21 Ag '62.

BALLISTICS, INTERIOR
Serebriakov, M. E. [Interior ballistics of barrel systems and powder rockets] Vnutrennialia ballistika stvol'nykh sistem i porokhovykh raket. 3 izd., dop. i perer. Moskva, Oborongiz, 1962. 703 p.

BALLISTOCARDIOGRAPHY
Baevskii, R. M. [Principles of practical ballistocardiography] Osnovy prakticheskoi ballistokardiografii. Moskva, Medgiz, 1962. 174 p. (Biblioteka prakticheskogo vracha)
(DNLM)
Recording seismocardiograms of dogs [with summary in English]. R. M. Baevskii, L. A. Kozarian. Fiz. i kosm. biol. 1 118-121 '62.
Significance of phono-, vecto- and ballistocardiography in the complex examination of mitral defects of the heart. N. P. Malyshkin. Kardiologiia 2 no. 5 67-74 S-O '62.

BALODIS, PETERS, 1830-1918
New material concerning the life and work of Petr Davydovich Ballod. M. Sochnev. Izv. AN Latv. SSR no. 1 3-10 '61.

BALTIC SEA—HYDROFOIL BOATS
Prospects for the use of ships on underwater wings in the Baltic Basin. A. Grunin. Mor. flot 22 no. 11 7 N '62.

BALTIC SEA REGION—CARP
Biological foundations for organizing combined carp and salmon farms. V. S. Ivlev. Trudy nov. Blt. i. no. 14 64-67 '62.

BALTIC SEA REGION—SALMON
Biological foundations for organizing combined carp and salmon farms. V. S. Ivlev. Trudy nov. Blt. i. no. 14 64-67 '62.

BALTIC STATES—ECONOMIC GEOGRAPHY
The Third Regional Conference of the Economic Geographers of the Baltic Region, August 20-25, 1962 in Vilnius. V. V. Pokshishevskii, M. I. Rontovtsev. Izv. AN SSSR. Ser. geog. no. 6 136-139 N-D '62.

BAMBERG, GERMANY—WITCHCRAFT
Middle Ages in our times. F. Tolarskaia. Nauka i rel. 4 no. 12 35 D '62.

BAND SAWS
Kaliteevskii, R. L., S. E. Rudin, and L. F. Shevelev. [Equipment and technological processes of band saw continuous production lines] Oborudovanie i tekhnologicheskie protsessy lentochnopil'nykh potokov. Moskva, Goslesbumizdat, 1962. 140 p.

BANDAGES AND BANDAGING
Use of BF glue during the postoperative period in the treatment of microtrauman, burns and frostbite [with summary in English]. B. V. Chetverukhkin, A. A. Avdykovich. Khirurgiia 38 no. 10 26-29 O '62.

BANK HOLDING COMPANIES see subdivision under France

BANKS AND BANKING
(see also subdivision under Tajikistan)
Brief information on foreign exchange and bank[illegible]. Den. i kred. 20 no. 10 88-91 O '62.
Complete the year successfully. A. Korovushkin. Den. i kred. 20 no. 10 3-17 O '62.
Expand the communist labor movement. N. Inle'Per. Den. i kred. 20 no. 10 30-35 O '62.
In the Board of Directors of the State Bank of the U. S. S. R. Den. i kred. 20 no. 10 93-93 O '62.
State Bank, economic problems and public participation. A. Boronnikov and others. Den. i kred. 20 no. 10 18-28 O '62.
Vorob'ev, E. V. [Control over wage fund disbursement in the national economy] Kontrol' nad raskhodovaniem v narodnom khoziaistve fondov zarabotnoi platy. Baku, Azerneshr, 1962. 51 p.

BANKS AND BANKING—ACCOUNTING see subdivision under Lvov Province

BANKS AND BANKING—CONGRESSES
Conferences and seminars. Den. i kred. 20 no. 12 94-95 O '62.

BAPTISTS
(see also subdivision under Bordichev; Cherkassy; Kramatorsk; Yemilchino District; Zhdanov)
Facts reveal. Nauka i rel. 4 no. 12 44 D '62.
How they "love their neighbors." Z. Kozak. Voinv. ateist no. 7, 14-15 Jl '62.
Local news. Brat. vest. no. 4 76-79 '62.
Present-day Peregrinus. IE. Dulumian. Voinv. ateist no. 7 16-19 Jl '62.
Thoughts and reminiscences. M. Kovalenko. Voinv. ateist no. 11 10-13 N '62.
Who are "Slundists?" Voinv. ateist no. 7 36 Jl '62.

BAR ASSOCIATIONS
(see also subdivision under Altai Territory; Rostov Province)
A conference of attorneys at law. Sov. iust. no. 11 24-25 Je '62.
Devoted work of Soviet lawyers. A. Gorin. Sov. iust. no. 8 24-25 Ap '62.
Early history of the Soviet legal profession. Sh. Mel'gunov. Sov. iust. no. 8 16-17 Ap '62.
First steps of the Soviet legal profession. V. Turin. Sov. iust. no. 8 18-19 Ap '62.
The 40th anniversary of the Soviet legal profession. Sov. iust. no. 8 1-3 Ap '62.

BARDA DISTRICT—SOCIAL PROBLEMS
Those who encourage loafers. G. Nasyrov. Sov. deput. trud. no. 11:78-80 N '62

BARENTS SEA—CRABS
Acclimatization of commercial crabs in the Barents Sea. IU. I. Orlov. Trudy Gidrobiol. ob-va 12,400-109 '62.

BARENTS SEA—EELGRASS
Eelgrass in the Barents Sea. E. I. Blinova. Priroda 51 no. 12, 105 D '62.

BARENTS SEA—FISHERIES—RESEARCH
One voyage of the "Tunets." IU. Krivonosov. Vokrug sveta no. 10:32-33 O '62.

BARGES—SPEED
Correlation between losses and increments in the speed of ships and barge trains. B. Ragozin. Rech. transp. 21 no. 12, 16 D '62.

BARITE see subdivision under Altai Mountains; Kazakhstan

BARIUM
Estimation of the electron transition in barium under pressure. E. S. Alekseev. Fiz. tver. tela 4 no 12: 3675-3676 D '62.

BARIUM CHLORIDE
Catalytic decomposition of H_2O_2 by $Na_2Cr_2O_4 + BaCl_2$ salts and barium peroxychromate formation. G. L. Petrova, R. I. Zaitseva, S. A. Mitrokhinchenko. Izv. vys. uch. zav., khim. i khim. tekh. 5 no. 4:533-535 '62.

BARIUM OXIDE
X-ray diffraction study of alloys in the system BaO - GeO. E. S. Zhmud' and others. Zhur. neorg. khim 7 no 11:2581-2590 N '62.

BARIUM TITANATE—SPECTRA
Absorption and reflection spectra of $BaTiO_3$ in the long-wave infrared region. A. I. Demeshina, V. N. Munzin Fiz. tver. tela 4 no. 10:2960-2962 O '62.

BARIUM TITANATE CRYSTALS
Effect of a mechanical load on the orientation of domains in $BaTiO_3$ single crystals. S. V. Bogdanov Kristallografiia 7 no 5 755-760 S-O '62.

BARIUM TITANATE CRYSTALS—GROWTH
Dielectric properties of barium titanate single crystals with a cobalt additive. A. IU. Kudzin Kristallografiia 7 no. 5:799-802 S-O '62.

BARLEY see subdivision under Armenia

BARLEY—DISEASES AND PESTS see subdivision under Kharkov Province; White Russia

BARLEY—FERTILIZERS AND MANURES see subdivision under Ukraine

BARNAUL—RAILROADS—CARS
Plant managers. V. Pavlov. Sov. profsoiuzy 18 no. 22: 7 N '62.

BARNAUL—WORKS COUNCILS
Plant managers. V. Pavlov. Sov. profsoiuzy 18 no. 22 7 N '62.

BARYONS
On resonances in a baryon system with the strangeness $|S| = 1$. E. V. Kuznetsov, IA. IA. Shalamov. Zhur. eksp. i teor. fiz. 43 no. 5:1070-1081 N '62.

BASARGECHAR DISTRICT—ORE DEPOSITS
Change the method of stripping the Zod deposit. G. Lusinian. Prom. Arm. 5 no. 11:14-15 N '62.

BASE-EXCHANGING COMPOUNDS
Effect of volatile substances on the exchange capacity of sulfocation exchangers obtained from the semicoke of gas coals and bitumen coke. D. Ruschev, L. Dimitrova. Zhur. prikl. khim. 35 no. 11:2509-2512 N '62.

BASES (CHEMISTRY)
Differentiated determination of weak bases by the method of spectrophotometric titration in nonaqueous solutions [with summary in English]. A. P. Kreshkov, V. I. Vasil'ev. Zhur. anal. khim. 17 no. 9:008-011 N '62.

BASHKIRIA—COMMERCE
Currency circulation in Bashkiria A. Kurmaev. Den. i kred. 20 no. 10:50-60 O '62.

BASHKIRIA—GASOLINE
Improving the quality of automobile gasolines in Bashkir petroleum refineries. K. V. Kostrin, IU. S. Sabadash. Neftianik 7 no. 5:13-14 My '62.

BASHKIRIA—MONEY
Currency circulation in Bashkiria. A. Kurmaev. Den. i kred. 20 no. 10:50-60 O '62.

BASHKIRIA—ROCKS, CARBONATE
Reservoir properties of carbonate rocks in Sakmara-Artinskian sediments of the Grachevka deposit in the Bashkir Ural Mountain region and the effect of dolomitization and sulfatization processes on them. L. P. Gmid Trudy VNIGRI no. 193 123-140 '62.

BASIDIOMYCETES
Decomposition of forest litter by pure cultures of Basidiomycetes [with summary in English]. V. IA. Chastukhin Uch. zap. LGU no. 313:3-22 '62.

BASIL (BOTANY) see subdivision under Georgia

BASIL (BOTANY)—DISEASES AND PESTS see subdivision under Georgia

BASIL (BOTANY)—FERTILIZERS AND MANURES see subdivision under Georgia

BASKETBALL
Dynamics of weight and body composition of basketball players and gymnasts of higher groups. A. G. Zhdanova, IA. IA. Parzhiskova Teor. i prak. fiz. kul't. 25 no. 9: 27-29 S '62.

BATHS, MEDICATED
Vanier-Rose reaction and its dynamics under the influence of hydrogen sulfide baths in infectious non-specific polyarthritis S. K. Kalandarov Zdrav. Tadzh. 9 no. 5 29-31 '62.

BATHS, PUBLIC see subdivision under Novosibirsk

BATHYSCAPHE
"To the depths of the sea in a bathyscaphe" by A. Piccard. Reviewed by K. Shuiko. Vokrug sveta no. 10:56 O '62.

BATUM—HARBOR
Visiting flags. Evgenii Vorob'ev. Ogonek 40 no. 30 6-8 S '62.

BAUXITE see subdivision under Siberia; Turgay Tableland, Ural Mountains

BAYAN KHONGOR PROVINCE—ECONOMIC CONDITIONS
In the Bayan Khongor aimak Ts. Shagdar Sovr. Mong. 7 no 8:11-15 Ag '62.

BAYRAM-ALI REGION—GAS, NATURAL—GEOLOGY
Bayram-Ali, a new field in eastern Turkmenia. V. IA. Sokolov. Geol. nefti i gaza 6 no. 11:31-34 N '62.

BEACHES see subdivision under Omsk

BEACONS
Grigor'ev, S. N. [Beaconage and the principles of navigation] Sudokhodnaia obstanovka i osnovy sudovozhdeniia. Moskva, Izd-vo "Rechnoi transport," 1962. 245 p.

BEAMS AND GIRDERS
Calculating compressed and bent beams. L. T. Berezhnitskii, M. IA. Leonov. Nauch. zap. IMA AN URSR. Ser. mashinoved. 9 141-150 '62.
Calculation of an infinite-length beam laying on a flexible support for the action of a momentary concentrated impulse. G. B. Muravskii. Izv. AN SSSR. Otd. tekh. nauk. Mekh. i mashinostr. no. 6:168-169 N-D '62.
Experimental determination of the energy dispersion in riveted beams with flitch plates. IU. Lebedev. Izv. AN Latv. SSR no. 1:11-46 '61.
Manufacture of welded beams of the V92-T aluminum alloy. L. N. Livshits and others. Prom. stroi. 40 no. 12, 23-26 '62.
Pincers for gluing rubber washers to hot mastic in the assembly of BNSD-18-4 beams. A. Soloviov. Bud. mat. i konstr. 1 no. 6 55 N-D '62.
Sealing 43.2 m. composite beams with fine seams. IU. M. Mitrofanov Transp. stroi 12 no 10 41-43 O '62

BEAMS AND GIRDERS—TESTING
Study of the support of a face by transverse force under flexure of prestressed two-layer beams. V. Savchenko-Biel'skyi. Bud. mat. i konstr. 4 no. 6:21-24 N-D '62.
Tables and graphs for checking the local stability of webs of steel beams. E. L. Tilina, G. G. Troitskaia. Prom. stroi. 40 no. 12:55-60 '62.

BEAMS AND GIRDERS—VIBRATION
Steady vibrations of a beam on an elastic foundation due to uniform motion of a load E. G. Goloskokov, A. P. Filippov. Sbor. trud. Lab. gidr. mash. AN URSR no. 10 10-26 '62

BEAN WEEVIL see subdivision under Russia, Southern

BEANS
(see also subdivision under Moscow Province; Ternopol' Province)
Efficiency of forage beans in the cow ration. S. Karbyshev. Ekon. sel'khoz. 33 no. 11:105-108 N '62.
N. I. Chekanova on the protection of forage beans. Zashch. rast. ot vred. i bol. 7 no. 2, 1-2 F '62.

BEANS—DISEASES AND PESTS see subdivision under Kustanay Province

BEANS AS FEED
Mixed sowing of corn and phaseolus for forage purposes. F. S. Marenkin. Zhivotnovodstvo 24 no. 8:48-49 S '62

BEARING INDUSTRY see subdivision under Kuybyshev

BEARING INDUSTRY—ACCOUNTING see subdivision under Moscow

BEARING METALS
New bearing alloys. N. P. Nikolaichik. Lit. proizv. no. 11:37-38 N '62.

BEARINGS (MACHINERY)
Group machining of bearing covers and housings. V. L. Kalikhovskii Trakt i sel'khozmash 32 no 9 40-42 S '62.
Repeated use of bushings. A. Kosilov. Sel'. mekh. no. 10: 30 '62.
Thermal analysis and experimental determination of the performance of sliding bearings S. M. Kuretko Trudy NPI 126 49-57 '61
Use of laminated plastic coatings in sleeve bearings V. V. Zhukov Mekh. stroi 19 no. 10, 25-26 O '62.

BEARINGS (MACHINERY)—TESTING
Testing machine for sliding bearings. V. N. Kostarev. Trudy LPI no. 210:153-161 '62.

BEAUTY, PERSONAL
Tomášková, Jana. [Beauty and health. Translated from the Czech] Krasota i zdorov'e. Moskva, Izd-vo M-va kommun. khoz. RSFSR, 1962. 86 p.

BEE CULTURE
Glushkov, N. M. [Manual for the beekeeper] Sputnik pchelovoda. Moskva, Sel'khozizdat, 1962. 318 p. (DNAL)

BEECH
(see also subdivision under Armenia; Bushtina region)
Investigating the moisture of beech wood (Fagus silvatica L.). P. I. Molotkov. Izv. vys. ucheb. zav.; les. zhur. 4 no. 5:133-136 '61.

BEEF
Effect of the temperature and of the duration of sterilization on the tryptophan content in beef. A. A. Sokolov, M. IUsef Kamal'. Vop. pit. 21 no. 4:82-84 Jl-Ag '62.

BEEF—GRADING
New method for objective estimation of the tenderness of meat. V. IA. Maksenkov, T. M. Olifiryk, B. I. Abramzon. Visnyk sil'hosp. nauky 5 no. 10:105-107 O '62.

BEEF CATTLE
(see also subdivision under Dergachi District)
Tissue extracts and the production of beef S. D. Volkov. Zhivotnovodstvo 24 no. 9 36-37 S '62.

BEEF CATTLE—FEEDING AND FEEDS
Fattening cattle on ensilaged sugar beet tops. V. IA. Maksenkov. Nauch. trudy Zootekh. fak. Khar. zoovet. inst. 11:108-112 '62.
Iankouski, I. D., and U. A. Maksimau. [Intensive fattening of young cattle] Intensiuny adkorm maladniku buinoi rahatai zhyvoly. Minsk, Dziarzh. vyd-va sel'skahaspadarchai lit-ry BSSR, 1962. 32 p. (Bibliatechka peredavoha vopytu) (DNAL)
Intensive fattening of young bulls by feeding ensilaged corn and sugar beets with additions of nitrogenous matter to their food rations. I. S. Tronchuk. Visnyk sil'hosp. nauky 5 no 11:61-65 N '62.
Practices of the machinery operators of livestock farms. A. Rozhko. Sel'. mekh. no. 10:3-4 '62.
Preparation and effectiveness of using corn silage enriched with urea nitrogen in fattening young cattle. I. S. Lebedinskii. Nauch. trudy Zootekh. fak. Khar. zoovet. inst. 11:51-61 '62.
Results of fattening young cattle on corn silage with supplements of urea and cobalt. H. Z. Bruzman. Visnyk sil'hosp. nauky 5 no. 10 72-76 O '62.

BEES, EFFECT OF SPRAYING AND DUSTING ON
Toxicity of some chemical poisons to honey bees. S. S. Nazarov. Zashch. rast. ot vred. i bol. 6 no. 8:26 Ag '61.

BEET LEAF MINER
Ecology of the beet leaf miner Pegomyia hyoscfami Panz. and the cabbage maggot Hylemyia brassicae Bouche (Diptera, Anthomyiidae) [with summary in English]. Sh. M. Zabirov. Vest. LGU 17 no. 21:54-62 '62.

BEETLES see subdivision under Ukhta District

BEETS
Morphogenesis in beet [with summary in English]. V. T. Krasochkin, L. N. Kobozeva. Trudy po prikl. bot., gen. i sel. 34 no. 2:41-46 '61.

BELAYA TSERKOV' DISTRICT—BRICK INDUSTRY
We improve the manufacture of brick S. Malyn Stil'. bud. 12 no. 11:19-20 N '62.

BELGIUM—FLAX
Practices in flax growing in Belgium and the Netherlands [with summary in English] A. R. Rogash. Trudy VNIIL no. 5, 305-324 '58.

BELGOROD PROVINCE—CONSTRUCTION INDUSTRY
You won't build much using such methods. M. Shulenin, Sel'. stroi. no. 11 27-28 N '62.

BELGOROD PROVINCE—FARM MANAGEMENT
New methods go into operation. I. Kurbatov. Part. zhizn' no 23 37-42 D '62

BELGOROD PROVINCE—FISH CULTURE
Present state and future development of pond fish culture in Belgorod Province. A. I. Neverov. Trudy, sov. ikht. kom. no 14:136-139 '62.

BELGRADE—TRACK ATHLETICS
Seventh height. V. Viktorov. Ogonek 40 no. 39 25 S '62.

BELOZERKA DISTRICT—RURAL CONDITIONS
Our villagers have chosen this path. P. Kyrtian. Volov. ateist no. 11 18-20 N '62.

BELTS AND BELTING
Sidorov, M. D. [Handbook on air and gas blowing machines] Spravochnik po vozdukhoduvnym i gazoduvnym mashinam. Moskva, Mashgiz, 1962. 257 p.

BELYNICHI REGION—FLAX
Red pennant. M. Savich. Belarus' 19 no. 11 8 N '62.

BENCH MARKS
Preservation of bench marks. I. N. Koltunov. Geod. i kart. no. 10 59 O '62

BENDERY—DESCRIPTION
Savchenko, G., and S. Khait. [Bendery; a plan for the future] Bendery, prospekt. Kishinev, Kartia moldovenaske, 1962. 39 p. illus.
(MiU)

BENGAL—WOMEN
Letters to the editor. Zhen. mira no. 3:5, 31 '62

BENT GRASS
Characteristics of anatomical structure in the bent grass genus (Agrostis L.). R. T. Protasevich. Vestsi AN BSSR, Ser. bital. nav. no. 3:67-75 '62

BENTHOS
(see also subdivision under Murman Coast, Volga River)
Zhadin, V. I. [Study of the bottom fauna of reservoirs] Izuchenie donnoi fauny vodoemov. Moskva, Izd-vo Akad. nauk SSSR, 1950. 30 p. (V pomoshch' rabotaiushchim na polezashchitnykh lesnykh polosakh, no 7)
(DN-HO)

BENTONITE see subdivision under Caucasus

BENZALDEHYDE
Effect of amines on the hydrogenation of benzaldehyde. D. V. Sokol'skii, A. M. Konovalov. Trudy Inst. khim. nauk AN Kazakh SSR 8:41-44 '62.

BENZENE
Alkylation of benzene by propylene and amylene. I. P. Radzevenchuk. Zhur. prikl. khim. 35 no. 11 2538-2542 N '62
Alkylation of chlorobenzene with isopropyl chloride in the presence of aluminum chloride. E. P. Babin, A. A. Kolpakchi. Kin. i kat. 3 no. 6:855-860 N-D '62.
Catalytic dehydrogenation of chloroethylbenzene. A. A. Balandin and others. Izv. AN SSSR, Otd. khim. nauk no. 11:2031-2036 N '62
Concurrent hydrogenation of acetylene and phenylacetylene. D. V. Sokol'skii, N. F. Noskova. Trudy Inst. khim. nauk AN Kazakh SSR 8:90-98 '62.
Effect of an additional component on the solubility in demixing solvents. Part 3: Effect of benzene on the solubility of potassium chloride in mixtures of propyl alcohol with water. A. S. Barkan, I. V. Rudakovskaia. Izv. vys. uch. zav. zhkhim. i khim. tekh. 5 no. 4:550-553 '62.
Electron paramagnetic resonance spectra of anions of elements-substituted aromatic compounds. Part 1: Electron paramagnetic resonance spectra of anions of trialkylsilylbenzenes and trialkylsilylalkylbenzenes. S. P. Solodovnikov, E. A. Chernyshev. Zhur. strukt. khim. 3 no. 6 665-668 '62.
Electron paramagnetic resonance study of radicals formed in the reaction of hydrogen atoms with benzene. L. I. Avramenko and others. Izv. AN SSSR, Otd. khim. nauk no. 11:2079-2081 N '62.
Improving the shops for the rectification of crude benzene. L. Z. Gorelova, I. K. Isupova. Koks i khim. no. 11:53-57 '62.
A new determination of the light scattering constant using benzene. M. F. Vuks, N. B. Rozhdestvenskaia. Dokl. AN SSSR 147 no. 3:573-575 N '62.
Oxidation of organic compounds. Report No. 34: Catalytic vapor phase oxidation of n-propylbenzene, n-butylbenzene, and some of their derivatives. V. S. Kudinova, B. V. Suvorov, R. U. Umarova. Trudy Inst. khim. nauk AN Kazakh. SSR 8:157-162 '62
Rate constants for elementary reactions in the process of oxidation of ethylbenzene by molecular oxygen. V. F. TSepalov, V. IA. Shliapintokh. Kin. i kat. 3 no. 6:870-876 N-D '62.
Reaction of toluene with phenylacetylene. V. D. Riabov, V. L. Vaiser, Chzhu IUi-tun [Chu Yü-t'ung]. Dokl. AN SSSR 147 no. 3:639-642 N '62.
Reactions of allylphenol and trimethylsiloxyallylbenzene with alkylalkoxy (hydride) silanes. K. A. Andrianov, V. I. Pakhomov, N. E. Lapteva. Izv. AN SSSR, Otd. khim. nauk no. 11:2039-2046 N '62.
Solubility of chlorobenzene in water. V. M. Kinalov. Zhur. prikl. khim. 35 no. 10 2347-2349 O '62.
Spectroscopic study of the effect of the medium on the reactivity of substituted benzenes. Part 4. Absorption spectra of polysubstituted benzenes. V. I. Danilova. Izv. vys. ucheb. zav. fiz. no. 5:113-120 '62.
20% dinitrorhodanbenzene against the American powdery mildew of gooseberries. E. V. Chemodanova. Zashch. rast. ot vred. i bol. 6 no. 8 30-31 Ag '61.
Volga crudes as a raw material for the production of benzene by catalytic reforming. R. F. Izmailov, A. M. Okruzhnov, R. A. Virobiants. Khim. i tekh. topl. i masel 7 no. 11 28-32 N '62

BENZENE—PHYSIOLOGICAL EFFECT
Myeloileal correlations in physiological and pathological conditions. Report No. 1: The therapeutic use of diathermy of the spleen in injuries to the bone marrow by ionizing radiations and benzene, experimental studies and clinical observations. L. I. Geller. Probl. gemat. i perel. krovi no. 9:17-23 '62.

BENZENE—SPECTRA
Electron paramagnetic resonance spectra of phenyl radicals. V. A. Tolkachev, I. I. Chkheidze, N. IA. Byben. Zhur. strukt. khim. 3 no. 6 709-711 '62.

BENZENE CRYSTALS—SPECTRA
Nature of the luminescence spectra of crystalline benzene at low temperatures. M. T. Shpak, A. V. Soloviev, N. I. Sheremet. Opt. i spektr. 13 no. 5 694-700 N '62.

BENZENE HEXACHLORIDE
Benzene hexachloride in the control of dwarf bunt of wheat. A. L. Storchevoi. Zashch. rast. ot vred. i bol. 6 no. 8 17-19 Ag '61.
Mechanization of cluster and strip placement of hexachloran in soils. V. A. Rider. Zashch. rast. ot vred. i bol. 5 no. 2:13-14 F '60.
Treatment of cattle with DDT and hexachlorocyclohexane as a measure of a simultaneous control of blood-sucking Diptera, ixodid ticks, and warble flies of cattle. A. S. Lutta. Trudy Kar. fil. AN SSSR no. 14: 124-137 '59.

BENZENE SULFONIC ACID—TOXICOLOGY
Early manifestations of intoxications with sulfonate ester alone and in combination with DDT [with summary in English]. IU. A. Moreinis. Vop. pit. 21 no. 4:63-66 Jl-Ag '62.

BENZOFURAN
Floors made of coumarone tiles. N. Gushchenko, K. Kostiushko. Stroitel' 8 no. 9 23 S '62.

BERDICHEV—BAPTISTS
I wish you happiness, Marifa. I. Nordifenko. Volov. ateist no. 8, 32-34 Ag '62

BERDYANSK—ATHEISM—STUDY AND TEACHING
Atheistic training of students in extracurricular work. IU. I. Shtan'. Rad. shk. 41 no. 8:46-48 S '62.

BEREZA—ELECTRIC POWER PLANTS
One turbine more. Ul. Dadziomau. Belarus' 19 no. 11: 4-5 N '62.
Visitors from Bulgaria. V. Turau. Belarus' 19 no. 11: 14 N '62.

BEREZHANY REGION—WILDLIFE, CONSERVATION OF
Revival of the fauna in the Berezhany Forest Working Circle. V. P. Koyalishin. Priroda 51 no. 12:118 D '62.

BEREZOVO REGION (TYUMEN' PROVINCE)—GEOLOGY
Bolarskikh, G. K. and others. [Berezovo key well (Tyumen' Province)] Berezovskaia opornaia skvazhina (Tiumenskaia oblast'). Leningrad, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, Leningr. otd-le, 1962. 120 p. (Leningrad. Vsesoiuznyi neftianoi nauchno-issledovatel'skii geologorazvedochnyi institut. Trudy, no. 195)

BERING SEA—WATER BIRDS
Relations in the distribution of zooplankton, sea birds, and whalebone whales [with summary in English]. V. M. Gudkov. Trudy Inst. okean. 58:298-313 '62.

BERING SEA—WHALES
Relations in the distribution of zooplankton, sea birds, and whalebone whales [with summary in English]. V. M. Gudkov. Trudy Inst. okean. 58:298-313 '62.

BERING SEA—ZOOPLANKTON
Relations in the distribution of zooplankton, sea birds, and whalebone whales [with summary in English]. V. M. Gudkov. Trudy Inst. okean. 58:298-313 '62.

BERLIN—CHEMICAL INDUSTRIES—CONGRESSES
Thirteenth Conference of the Permanent Commission on the Chemical Industry of the Mutual Economic Assistance Council. V. M. Semenov. Khim. prom. no. 10: 776-777 O '62.

BERLIN—CITY PLANNING
Architecture of the democratic Berlin. H. Salzman. Tekh. mol. 30 no. 10.15 '62.

BERLIN, WEST—WATER—PURIFICATION
The Spandau water works in West Berlin (from "Bauingenieur," no. 3, 1960). A. M. Konfushkov. Vod. i san. tekh. no. 10:36-38 O '62.

BERLIOZ, HECTOR, 1803-1869
Sollertinskii, I. I. [Berlioz. Moskva, Muzgiz, 1962. 70 p. (Bibliotechka liubitelia muzyki)

BERRIES—DISEASES AND PESTS see subdivision under Murmansk Province

BERYLLIUM—ANALYSIS
Titrimetric determination of beryllium by means of sulfosalicylic acid [with summary in English]. L. P. Kalinchenko, I. I. Kulinichenko. Zhur. anal. khim. 17 no. 7:840-843 O '62.

BERYLLIUM HALIDES—SPECTRA
Structure of beryllium halides in a concentrated aqueous solution. IA. S. Bobovich. Opt. i spektr. 13 no. 5 673-675 N '62.

BERYLLIUM OXIDE
Belikov, K. A. [Beryllium oxide, its properties and uses] Okis' berilliia, svoistva i primenenie. Pod red. P. P. Budnikova. Moskva, Gosatomizdat, 1962. 235 p.
Extraction-photometric determination of boron in beryllium oxide [with summary in English]. Z. K. Karalova, A. A. Nemodruk. Zhur. anal. khim. 17 no. 8:905-910 N '62.

BERYLLIUM SALTS
Volumes of the elementary cells of beryllides as a function of the atomic volumes of the components. N. N. Matiushenko. Kristallografiia 7 no. 5:701-703 S-O '62

BERYNDA, PAMVA, d. 1632
The first Ukrainian dictionary. M. Viryer. Ukraina no. 24:15 D '62

BESNIER-BOECK DISEASE see Granuloma benigrum

BESSEL'S FUNCTIONS
Graphic analysis method for calculating the roots of characteristic equations containing first and second order Bessel functions [with summary in English]. R. G. Goints. Inzh.-fiz. zhur. 5 no. 10 77-81 O '62

BESSEMER PROCESS
Smelting of steel in oxygen converters. D. Afanas'ev, I. Iu. Iskol'skii. Prof.-tekh. obr. 19 no. 7:15-17 Jl '62.

BET-PAK-DALA—PASTURE RESEARCH
Some data on the dynamics of the aerial mass of basic plant communities in Bet-Pak-Dala. N. G. Kirichenko. Trudy Inst. bot. AN Kazakh. SSR 13, 199-204 '62.

BET-PAK-DALA—PLANT COMMUNITIES
Some data on the dynamics of the aerial mass of basic plant communities in Bet-Pak-Dala. N. G. Kirichenko. Trudy Inst. bot. AN Kazakh. SSR 13 199-204 '62

BEVEL GEARING see Gearing, Bevel

BIBLE—CHRONOLOGY
Biblical chronology and real facts. M. Nordifenko. Volov. ateist no. 7:12-13 Jl '62.

BIBLIOGRAPHY
Akademiia nauk Azerbaidzhanskoi SSR, Baku. Tsentral'naia nauchnaia biblioteka. [Bibliography of the publications of the Academy of Sciences of Azerbaijan, 1911-1959] Bibliografiia izdanii Akademii nauk Azerbaidzhanskoi SSR, 1946-1959 gg. Baku, Izd-vo Akad. nauk Azerbaidzhanskoi SSR, 1962. 675 p.
[Book chronicle] Knizh. let. nos. 51-52 '62; nos. 1, 3 '63. Dopolnitel'nyi vypusk no. 11 '62.
[Information index of bibliographical lists and card files] Inform. ukaz. bibl. spis. i kart. 7 nos. 1-2 Ja '63.
[New books] Nov. knigi nos. 51-52 D '62
[New Soviet literature on science and general research in the U.S.S.R.] Nov. sov. lit. o nauke i nauch. issl. rab. v SSSR no. 9 '62
Publications of the Academy of Sciences of the Latvian S.S.R. [in Latvian]. E. Petle. Izv. AN Latv. SSR no. 1:177-179 '61.
Publications of the institutes of the Academy of Sciences of the Latvian S.S.R. E. Petle. Izv. AN Latv. SSR no. 3:161-164 '61.
"Sovetskaia Rossia" publications in 1963. E. Petrov. Sov. profsoiuzy 18 no. 23:45-47 D '62.
A year of great achievements; summary of the year 1962. Kal. znam. i pam. dat 7 no. 12:1-10 D '62.

BIBLIOGRAPHY—ACCOUNTING
New books on statistics and accounting. G. Arlash. Vest. stat. no. 11:63-65 '62.

BIBLIOGRAPHY—AERIAL PHOTOGRAMMETRY
Systematization of the scientific and technological literature on aerial photogrammetry and methods used. P. IA. Raizer. Geod. i kart. no. 3:72-76 Mr '62

BIBLIOGRAPHY—AFRICA
Africa Day. Kal. znam. i pam. dat 7 no. 12:11-16 D '62.

BIBLIOGRAPHY—AGRICULTURAL MACHINERY
New books. Tekh. v sel'khoz. 22 no. 10:91 O '62.

BIBLIOGRAPHY—AGRICULTURE
[Information bulletin of new foreign books, received by the Lenin Library. Series 2: Biological, Medical, and Agricultural Sciences] Inform biul. nov. inostr. knig, postup. v Bibl. im. V. I. Len. Ser. 2: Biol., med. i sel'-khoz nauki 5 no. 36 D '62; 6 nos. 1-2 Ja '63.
New books. Zemledelie 24 no. 7:03, 06 Jl '62
[New foreign books. Series V: Biology, medicine, agriculture] Nov. knigi za rub. Ser. V. Biol., med., sel'. khoz. 7 no. 1 Ja '63

BIBLIOGRAPHY—AGRICULTURE—ACCOUNTING
New books. Uchet i fin. v kolkhoz. i sovkhoz. 19 no. 12: 55, 58 D '62.

BIBLIOGRAPHY—AGRICULTURE—ECONOMIC ASPECTS
New books. Uchet i fin. v kolkho". i sovkhoz. 19 no. 12: 55, 58 D '62.

BIBLIOGRAPHY—ARCHAEOLOGY
[New foreign literature on history, archaeology, and ethnography] Nov. inostr. lit. po ist., arkheol. i etn no 9 '62.

BIBLIOGRAPHY—ARCHITECTURE
New books. Arkhit. SSSR no. 7 65 '62.
New books. Arkhit. SSSR no 11 63 '62.

BIBLIOGRAPHY—ART
What to read on art. V. Shleev. Sov. knizh. torg. 14 no. 11:31-32 '62.

BIBLIOGRAPHY—ATHEISM
Recommended literature. Voiov. ateist no. 6:03 Je '62.

BIBLIOGRAPHY—ATMOSPHERIC TURBULENCE
Bibliography of works on atmospheric turbulence by the Institute of Atmospheric Physics of the Academy of Sciences of the U.S.S.R. Trudy Inst. fiz. atm. no. 1: 270-271 '62.

BIBLIOGRAPHY—ATOMIC ENERGY
New literature. Atom. energ 13 no. 6 623-630 D '62

BIBLIOGRAPHY—AUTOMATION
From foreign periodicals, April 1962. Mekh. i avtom. proizv. 16 no. 11:62-64 N '62.
From Soviet periodicals, October 1962. Mekh. i avtom. proizv. 16 no. 11, 60-62 N '62.

BIBLIOGRAPHY—BAKSHEEV, VASILII NIKOLAEVICH, 1862-1958
V. N. Bakshaev. Kal. znam. i pam. dat 7 no. 12:30-32 D '62.

BIBLIOGRAPHY—BIOLOGY
[Information bulletin of new foreign books, received by the Lenin Library. Series 2: Biological, Medical, and Agricultural Sciences] Inform biul. nov. inostr. knig, postup. v Bibl. im. V. I. Len. Ser. 2: Biol., med. i sel'-khoz. nauki 5 no. 30 D '62, 6 nos. 1-2 Ja '63.
[New foreign books. Series V: Biology, medicine, agriculture] Nov. knigi za rub. Ser V: Biol., med., sel' khoz 7 no 1 Ja '63.

BIBLIOGRAPHY—BIOLOGY, EXPERIMENTAL
State Publishing House for Medical Literature is preparing these books for publication in 1963. Biul. eksp. biol. i med. 54 no. 11:3 of cover N '62.

BIBLIOGRAPHY—BOOKSELLERS AND BOOKSELLING
Books for book dealers. Sov. knizh. torg. 14 no. 11: 46 '62.

BIBLIOGRAPHY—BUILDING
Technical information. Stroi. i arkhit. Mosk. 11 no. 12: 30 D '62.

BIBLIOGRAPHY—CARTOGRAPHY
Bibliography. Geod. i kart. no. 3:76-80 Mr '62.
Bibliography. Geod. i kart. no. 4:76-78 Ap '62.
Bibliography. Geod. i kart. no. 10:70-80 O '62.
Bibliography. Geod. i kart. no. 11:70-80 N '62.

BIBLIOGRAPHY—CEMENT INDUSTRIES
Bibliography. TSement 28 no. 6:3 of cover N-D '62.

BIBLIOGRAPHY—CHEMISTRY
[Chemistry; classed index of articles in foreign periodicals] Khim.; sist. uk. st. v inostr. zhur. no. 10 '62.

BIBLIOGRAPHY—CHILDREN'S LITERATURE
For young atheists. L. Lukachevskaia. Nauka i rel. 4 no. 12:88-90 D '62.

BIBLIOGRAPHY—CHROMIUM
Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut aviatsionnykh materialov. [Chromium and its alloys; review of foreign and some Russian publications issued during 1950-1960] Khrom i ego splavy; obzor zarubezhnoi i nekotoroi otechestvennoi literatury za 1950-1960 gg. [n. p.] 1961. 30 p.
[MICROFILM]

BIBLIOGRAPHY—COAL MINES AND MINING
New books. Ugol' Ukr. 6 no. 11:45 N '62.

BIBLIOGRAPHY—COMMUNIST EDUCATION
Materials prepared by publishing houses for propagandists and students of the system of political education I. Pantin, F. Petrov. Politosamoobr 6 no 12:112-114 D '62.
New books and articles. E. M. Braverman. Fiz. v shkole 22 no. 5 108-110 S-O '62.

BIBLIOGRAPHY—COMMUNIST REVISIONISM
Against bourgeois ideology. S. Kazakov. Bibliotekar' no. 12, 4-7 D '62.

BIBLIOGRAPHY—CONSTRUCTION EQUIPMENT
From the pages of foreign magazines Mekh. stroi. 19 no. 12 30-31 D '62.
From the pages of Soviet magazines. Mekh. stroi 19 no 10 3 of cover O '62
From the pages of Soviet magazines Mekh stroi 19 no 12 29 D '62.

BIBLIOGRAPHY—CONSTRUCTION INDUSTRY
From the pages of magazines (October, 1962). Mont. i spets. rab. v stroi. 24 no. 12:30 D '62.
From the pages of magazines Prom stroi 40 no 11-64 '62
Notes on books. Na stroi. Ros. 3 no. 8:30 Ag '62.
What to read, Stroitel' 8 no. 9:31 S '62.

BIBLIOGRAPHY—CORN (MAIZE)—DISEASES AND PESTS
Bibliography on the protection of corn (continuation). T. M. Kolisdko, N. S. Nikitina Zash. rast. ot vred. i bol. 7 no. 2 62 F '62.
Literature on corn protection (continuation). T. M. Kolisdko, N. S. Nikitina. Zashch. rast. ot vred. i bol 6 no. 8:62-63 Ag '61.

BIBLIOGRAPHY—CRYSTALLOGRAPHY
List of works for 1959 containing new data on crystalline structures. B Organic Compounds. Zhur. strukt. khim. 3 no. 6 748-760 '62.

BIBLIOGRAPHY—DEFENSE (CRIMINAL PROCEDURE)
Studies discussing the work of soviet defense lawyers. R Rakhunov. Sov. iust no 6 28-29 Ap '62.

BIBLIOGRAPHY—ECONOMICS
[New foreign books on the social sciences; economics, philosophy, history, international relations] Nov knigi za rub. po obshchestv. naukam; ekon., filos., ist., mezhdunar. otn 6 no. 1 Ja '63
[New Soviet economic literature] Nov. sov ekon. lit. nos 29-30 '62

BIBLIOGRAPHY—EDUCATION
[Literature on the pedagogical sciences and public education] Lit. po ped. naukam i nar obr Ji-S '61; Ja-Mr '62, nos 1, 3 '62.

BIBLIOGRAPHY—ELECTRICITY ON SHIPS
Electrical equipment of ships. Sudostroenie 28 no. 11 43 N '62.

BIBLIOGRAPHY—ELECTRONICS
[Annotated bibliography on electronics] Annot. ukaz. lit. po radioelek. 18 nos. 23-24 '62.
Makalmova, G. P. [Recommended literature on the achievements of radio electronics and prospects for its future development] Radioelektronika, ee dostizheniia i perspektivy razvitiia; rekomendatel'nyi obzor literatury, Moskva, Gos. biblioteka SSSR im. V. I. Lenina, 1962. 23 p. (Novosti nauki i tekhniki, no. 33)

BIBLIOGRAPHY—ETHNOLOGY
[New foreign literature on history, archaeology, and ethnography] Nov. inostr. lit. po ist., arkheol. i etn. no. 9 '62.

BIBLIOGRAPHY—EUROPE, EASTERN—AGRICULTURE
Collections on agriculture in socialist countries. V. Balin. Ekon. sel'khoz. 33 no. 11:123-126 N '62.

BIBLIOGRAPHY—FOOD INDUSTRY
Books on the food industry published by the State Scientific and Technical Publishing House of the Ministry of the Food Products Industry. Mias. ind. SSSR 33 no. 5:63 '62.
New books. A. I. IArtseva. Kons. i ov. prom. 17 no. 12:37-39 D '62.
[News of technological literature. Series: "Food Industry"] Nov. tekh. lit. Ser.: "Pishch. prom." no. 12 '61.

BIBLIOGRAPHY—FORESTS AND FORESTRY
From the pages of foreign journals. Les. khoz. 15 no. 10:91 O '62.
New books. Les. khoz. 15 no. 7:18, 22, 64 Jl '62.
New books. Les. khoz. 15 no. 10:8, 62, 76 O '62.
Works of the Kirghiz Experimental Station. Les. khoz. 15 no. 10:90 O '62.

BIBLIOGRAPHY—FORGING
New books. Kuz.-shtam. proizv. 4 no. 10:47-48 O '62.

BIBLIOGRAPHY—FOUNDATIONS
Works on soil mechanics and foundation engineering. Osn., fund. i mekh. grun. 4 no 5 32-3 of cover '62.

BIBLIOGRAPHY—FRUIT—DISEASES AND PESTS
Three books on the protection of orchards. K. A. Mamaev. Zashch rast ot vred i bol. 7 no. 6:61-62 Je '62.

BIBLIOGRAPHY—GEOGRAPHY
List of materials published in the periodical "Geografiia v shkole" for 1960-1962 concerning the topics studied in the second quarter of a school year. Geog. v shkole 25 no. 6:67-68 N-D '62.
New literature on geography, local geography and tourism. I. S. IUn'ev. Geog. v shkole 25 no 6:90-92 N-D '62.

BIBLIOGRAPHY—GEOLOGY
Literature on geology received by the Library of the Department of Geological and Geographical Sciences of the Academy of Sciences of the U.S.S.R. during August 1962. Izv. AN SSSR. Ser. geol. 27 no. 11 103-109 N '62.

BIBLIOGRAPHY—GEORGIA—AROMATIC PLANTS
List of published works by the staff members of the Sukhumi Experiment Station of Essential Oil Crops. Trudy Sukh. opyt. sta. efiromasl. kul't. no. 3/4:185-189 '61.

BIBLIOGRAPHY—HEAT
Contents of the international journal "Teplo- i massoperenos." G. R. Maliavskaia. Inzh.-fiz. zhur. 5 no 10 132-136 O '62.

BIBLIOGRAPHY—HEAT—TRANSMISSION
International journal "Teplo- i massoperenos" ("Heat and Mass Transfer"). Reviewed by G. D. Rabinovich. Inzh.-fiz. zhur. 5 no. 6, 138-142 Je '62.

BIBLIOGRAPHY—HELMINTHOLOGY
Dissertations on helminthology defended at the Scientific Council of the Skriabin All-Union Institute of Helminthology in 1958-1960. Trudy Gel'm. lab. 11:436 '61

BIBLIOGRAPHY—HISTORY
Articles published in Soviet historical periodicals. Vop. ist. no. 11:162-165 N '62.
Foreign reviews of Soviet historical studies. Vop. ist. no. 11 203-204 N '62.
Foreign reviews of Soviet historical studies Vop. ist. no. 12 184-186 D '62.
Historical articles in periodicals published in socialist countries. Vop. ist. no. 11:183-184 N '62.
Historical articles in periodicals published in socialist countries. Vop. ist. no. 12 165-167 D '62.
Historical studies published in Soviet periodicals. Vop. ist. no. 12:146-149 D '62
New books. Vop. ist. no. 11:160-162 N '62.
New books. Vop. ist. no 12 145-146 D '62.
[New foreign books on the social sciences; economics, philosophy, history, international relations] Nov. knigi za rub. po obshchestv naukam, ekon., filos., ist., mezhdunar otn 6 no 1 Ja '63.
[New foreign literature on history, archaeology, and ethnography] Nov. inostr. lit. po ist., arkheol. i etn. no. 9 '62.

BIBLIOGRAPHY—HYDRAULIC ENGINEERING
New books on hydraulic engineering and hydrology published by the Academy of Sciences of the Ukrainian S. S. R. Gidr. stroi 33 no 10:61 O '62

BIBLIOGRAPHY—HYDROLOGY
Literature on meteorology, hydrology, and oceanography in 1961. Meteor. i gidrol. no. 11:62-67 N '62.
Literature on meteorology, hydrology, and oceanography in 1961. Meteor. i gidrol no 12:51-56 D '62.

BIBLIOGRAPHY—HYDROLYSIS
From scientific and technical journals Gidroliz i lesokhim. prom. 15 no 8 insert:2-4 '62

BIBLIOGRAPHY—INDUSTRIAL HYGIENE
New books. Gig. truda i prof. zab. 6 no. 6:3-4 of cover Je '62.

BIBLIOGRAPHY—INTERNATIONAL RELATIONS
[New foreign books on the social sciences; economics, philosophy, history, international relations] Nov. knigi za rub. po obshchestv. naukam; ekon., filos., ist., mezhdunar., otn. 6 no 1 Ja '63.

BIBLIOGRAPHY—INVENTIONS
Soviet inventions on welding practices. Svar. proizv. no. 5:45 My '62.

BIBLIOGRAPHY—JOURNALISTS
Journalists write books. Sov. pech. no. 11:49-50 N '62.

BIBLIOGRAPHY—LABOR AND LABORING CLASSES
New books. Sots. trud 7 no. 11:158-159 N '62.

BIBLIOGRAPHY—LATVIAN LITERATURE—TRANSLATIONS INTO RUSSIAN

Mil'kina, R. B. [Bibliography of Latvian literature in Russian translations] Bibliografiia latyshskoi literatury v perevodakh na russkii iazyk. Moskva, Mosk. gos. bibliotechnyi in-t, 1961. 29 p. (Bibliografiia literatury narodov SSSR v perevodakh na russkii iazyk, no. 3)
(MH)

BIBLIOGRAPHY—LAW

Akademiia nauk SSSR. Institut gosudarstva i prava. [Literature on Soviet law, a bibliography] Literatura po Sovetskomu pravu, bibliograficheskii ukazatel'. Moskva, Izd-vo Akad. nauk SSSR, 1960. 279 p.
(NIC) (MH) (NjP)

BIBLIOGRAPHY—LEGUMES—DISEASES AND PESTS

Bibliography on the protection of pulse crops. T. M. Kolladko, N. S. Nikitina. Zashch. rast. ot vred. i bol. 7 no. 6 60-61 Je '62.

BIBLIOGRAPHY—LIBRARY SCIENCE

Akademiia nauk SSSR. Biblioteka. [Classified union catalog of foreign books on library science, 1917-1945, works received in the Library of the Academy of Sciences of the U. S. S. R. and in the Leningrad Public Library] Svodnyi sistematicheskii katalog inostrannykh knig po bibliotekovedeniiu, 1917-1945 gg.; izdaniia, postupivshie v Biblioteku Akademii nauk SSSR i Gosudarstvennuiu publichnuiu biblioteku im. M. E. Saltykova-Shchedrina. Leningrad, 1962. 133 p.

[Library science and bibliography. Ap-Je '62] Bibliotekoved. i bibl. no. 2 '62.

BIBLIOGRAPHY—LITERATURE

[Information bulletin of new foreign books, received by the Lenin Library. Series 3: Social sciences, belles-lettres, art] Inform. biul. nov. inostr. knig, postup. v Bibl. im. V. I. Len. Ser. 3: Obshchestv. nauki, khud. lit., isk. 6 nos. 1-2 Ja '63.

BIBLIOGRAPHY—LITERATURE—HISTORY AND CRITICISM

[New Soviet literature on the study of literature] Nov. sov. lit. po lit. no. 9 '62.

BIBLIOGRAPHY—MARINE ENGINEERING

Design and operation of marine engines and boilers. Sudostroenie 28 no. 11 37 N '62.

Ship systems and devices. Sudostroenie 28 no. 11 27 N '62.

Shipbuilding and marine engineering. Sudostroenie 28 no. 11 43 N '62.

BIBLIOGRAPHY—MARINE ENGINES

From pages of books. Sudostroenie 28 no. 11 35, 51 N '62.

BIBLIOGRAPHY—MASS TRANSFER

Contents of the international journal "Teplo-i massoperenos." G. R. Mallavskaia. Inzh.-fiz. zhur. 5 no. 10-132-136 O '62.

International journal "Teplomassoperenos." ("Heat and Mass Transfer"). Reviewed by G. D. Rabinovich. Inzh.-fiz. zhur. 5 no. 6 138-142 Je '62.

BIBLIOGRAPHY—MATHEMATICS

New books on mathematics. Usp. mat. nauk 17 no. 2: 256-269 Mr-Ap '62.

New books on mathematics. Usp. mat. nauk 17 no. 5: 219-230 S-O '62.

BIBLIOGRAPHY—MECHANICAL ENGINEERING

New books. Mashinostroitel' no. 11-48 N '62.

BIBLIOGRAPHY—MEDICINE

Bookshelf. Lab. delo 8 no. 5:3 of cover My '62.

Dissertations on the organization of public health, sanitary statistics and the history of medicine, approved by the higher Certification Commission in 1958-1961. G. I. Bukhantseva, L. P. Kriukova. Sov. zdrav. 21 no. 12, 74-77 '62.

[Information bulletin of new foreign books, received by the Lenin Library. Series 2: Biological, Medical, and Agricultural Sciences] Inform. biul. nov. inostr. knig, postup. v Bibl. im. V. I. Len. Ser. 2: Biol., med. i sel'khoz. nauki 5 no. 36 D '62; 6 nos. 1-2 Ja '63.

New books. Sov. zdrav. 21 no. 12:77, 96 and 3-4 of cover '62.

New books. Zdrav. Tadzh. 9 no. 5:3 of cover '62.

New books on sale. Med. prom. 16 no. 6:3-4 of cover Je '62.

[New foreign books. Series V: Biology, medicine, agriculture] Nov. knigi za rub. Ser. V: Biol., med., sel'. khoz. 7 no. 1 Ja '63.

State Publishing House for Medical Literature is preparing these books for 1963 publication. Khirurgiia 38 no. 10:2-4 of cover O '62.

State Publishing House for Medical Literature is preparing these books for 1963 publication. Klin. med. 40 no. 10:3-4 of cover O '62.

State Publishing House for Medical Literature is preparing these books for publication. Vest. AMN SSSR 17 no. 8:4 of cover '62.

State Publishing House of Medical Literature is preparing these books for publication in 1963. Zdrav. Ros. Feder. 6 no. 11:2-4 of cover N '62.

BIBLIOGRAPHY—MEDICINE, EXPERIMENTAL

State Publishing House for Medical Literature is preparing these books for publication in 1963. Biul. eksp. biol. i med. 54 no. 11, 3 of cover N '62.

BIBLIOGRAPHY—METEOROLOGY

Literature on meteorology, hydrology, and oceanography in 1961. Meteor. i gidrol. no. 11:62-67 N '62.

Literature on meteorology, hydrology, and oceanography in 1961. Meteor. i gidrol. no. 12:51-55 D '62.

BIBLIOGRAPHY—MINING ENGINEERING—SAFETY MEASURES

New books published by the State Publishing House of the Mining Engineering Literature. Bezop. truda v prom. 6 no. 12:32 D '62.

BIBLIOGRAPHY—MOSCOW, BATTLE OF, 1941-1942

New studies on the history of the political development of the Union Republics. A. M. Davidovich and others. Vop. ist. no. 12 112-117 D '62.

BIBLIOGRAPHY—MOTION PICTURES

"Iskusstvo" publishing house in 1963. B. Dolynin. Isk. kino no. 12, 159-160 D '62.

BIBLIOGRAPHY—MOTOR VEHICLES

New books. Avt. transp. 40 no. 12:55 D '62.

BIBLIOGRAPHY—MUSIC

[Chronicle of musical literature] Let. muz. lit. Ukazatel' k nos. 1-4 za 1962 god.

New books and scores published abroad. Sov. muz. 26 no. 11:144 N '62.

BIBLIOGRAPHY—MUSIC, UKRAINIAN

Published in the Ukraine. Sov. muz. 26 no. 10:137 O '62.

BIBLIOGRAPHY—NATIONALITIES

The Union of Soviet Socialist Republics. Kal. znam. i pam. dat. 7 no. 12:33-38 D '62.

BIBLIOGRAPHY—NAVAL ARCHITECTURE

Design and operation of vessels. Sudostroenie 28 no. 11 13, 18, 51 N '62.

BIBLIOGRAPHY—OCEANOGRAPHY

Literature on meteorology, hydrology, and oceanography in 1961. Meteor. i gidrol. no. 11, 62-67 N '62.

Literature on meteorology, hydrology, and oceanography in 1961. Meteor. i gidrol. no. 12:51-55 D '62.

The ocean lies ahead. I. Mikhailov. Vokrug sveta no. 10-62 O '62.

BIBLIOGRAPHY—OIL INDUSTRIES

Review of articles from journals of the oil, perfumery and cosmetics industry. Masl.-zhir. prom. 28 no. 11 44-45 N '62.

BIBLIOGRAPHY—OIL WELL DRILLING

Books for petroleum workers. Neftianik 7 no. 5:32-33 My '62.

BIBLIOGRAPHY—OIL WELL DRILLING, SUBMARINE

Collective effort of offshore petroleum workers. IU. V. Gurevich. Neftianik 7 no. 5:32 My '62.

BIBLIOGRAPHY—OSSETIA, NORTH—AGRICULTURE

Bibliography on problems in the agriculture of North Ossetia. G. B. Bugdanov. Izv. Sev.-Oset. nauch.-issl. inst. 22 no. 3 399-402 '60.

BIBLIOGRAPHY—OSSETIA, SOUTH

Kurbelashvili, L. A. [South Ossetia; survey of its economic geography and a bibliography] IUgo-Osetiia; ekonomiko-geograficheskii obzor i bibliografiia. Tbilisi, Izd-vo Akad. nauk Gruzinskoi SSR, 1962. 424 p. [In Georgian and Russian]

BIBLIOGRAPHY—PERIODICALS

[Chronicle of periodical publications of the U. S. S. R.] Let. period. izd. SSSR for 1947, publ. 1948.

BIBLIOGRAPHY—PHILOSOPHY

New books. Vop. filos. 16 no. 11:183-184 '62.

[New foreign books on the social sciences; economics, philosophy, history, international relations] Nov. knigi za rub. po obshchestv. naukam, ekon., filos., ist., mezhdunar. otn. 6 no. 1 Ja '63.

Present-day bibliography of Soviet philosophical studies. G. P. Pochepko. Vop. filos. 16 no. 12:167-173 '62.

BIBLIOGRAPHY—PHOSPHORITES

Bibliography on deposits of phosphorites. Zakonom. razm. polezn. iskop. 5:656-623 '62.

BIBLIOGRAPHY—PIONEERS (COMMUNIST YOUTH)

Moscow. Gosudarstvennaia biblioteka po narodnomu obrazovaniiu. [All-Union Pioneer Organization; on the occasion of the 40th anniversary of the organization. Recommended bibliography] Vsesoiuznaia pionerskaia organizatsiia imeni V. I. Lenina; k 40-letiiu organizatsii. Rekomendatel'nyi ukazatel' literatury. Moskva, Izd-vo Akad. pedagog. nauk RSFSR, 1962. 200 p.

BIBLIOGRAPHY—PIPELINES

Recently published. Stroi. truboprov. 7 no. 11:30 N '62.

BIBLIOGRAPHY—PLANTS, PROTECTION OF

Bookshelf. Zashch. rast. ot vred. i bol. 5 no. 2:61 F '60

Bookshelf. Zashch. rast. ot vred. i bol. 6 no. 8:61 Ag '61.

Bookshelf. Zashch. rast. ot vred. i bol. 7 no. 2:61 F '62

Bookshelf. Zashch. rast. ot vred. i bol. 7 no. 4:63 Ap '62.

Bookshelf. Zashch. rast. ot vred. i bol. 7 no. 6:10, 63 Je '62.

Bookshelf. Zashch. rast. ot vred. i bol. 7 no. 8:30 Ag '62.

From the pages of foreign journals. Zashch. rast. ot vred. i bol. 7 no. 4, 55 Ap '62.

From the pages of foreign journals. Zashch. rast. ot vred. i bol. 7 no. 8:55 Ag '62.

From the pages of journals. D. P. Dovnar-Zapol'skii. Zashch. rast. ot vred. i bol. 7 no. 2:62-63 F '62.

From the pages of journals. D. Z., R. K. Zashch. rast. ot vred. i bol. 7 no. 3:62-63 Ag '62.

A worthy place for plant protection; review of publications. R. N. Zashch. rast. ot vred. i bol. 5 no. 3, 58-60 F '60.

BIBLIOGRAPHY—PLASMA (IONIZED GASES)

Bibliographic index of papers by workers of the P. N. Lebedev Physical Institute of the Academy of Sciences of the U. S. S. R. on the subject "Plasma physics" published in 1943-1961. Trudy Fiz. inst. 18:201-2[illegible] '62.

BIBLIOGRAPHY—POLAND

[New literature on Poland] Nov. lit. po Pol'. no. 9 '62.

BIBLIOGRAPHY—POWDER METALLURGY

New books. Poroshk. met. 2 no. 6:107-109 N-D '62.

BIBLIOGRAPHY—POWER ENGINEERING

From pages of technical journals. Energetik 10 no. 10 37 O '62.

BIBLIOGRAPHY—PROHIBITED BOOKS

Dobrovol'skii, L. M. [Prohibited books in Russia, 1825-1904; a bibliography] Zapreshchennaia kniga v Rossii, 1825-1904; arkhivno-bibliograficheskie materialy. Moskva, Izd-vo Vses. knizhnoi palaty, 1962. 253 p.

BIBLIOGRAPHY—PUBLIC HEALTH

Dissertations on the organization of public health, sanitary statistics and the history of medicine, approved by the higher Certification Commission in 1958-1961. G. I. Bukhantseva, L. P. Kriukova. Sov. zdrav. 21 no. 12:74-77 '62.

New books. Gig. truda i prof. zab. 6 no. 6:[illegible] of cover Je '62.

New books. Vop. pit. 21 no. 4 3-4 of cover Jl Ag '62.

BIBLIOGRAPHY—RADIO

Maksimova, G. P. [Recommended literature on the achievements of radio electronics and prospects for its future development] Radioelektronika, ee dostizheniia i perspektivy razvitiia; rekomendatel'nyi ukazatel' literatury. Moskva, Gos. biblioteka SSSR im. V. I. Lenina, 1962. 23 p. (Novosti nauki i tekhniki, [illegible])

BIBLIOGRAPHY—RADIO ASTRONOMY

Bibliographic index of papers by workers of the Laboratory for Radio Astronomy at the P. N. Lebedev Physical Institute of the Academy of Sciences of the U. S. S. R. for the years 1946-1961. Trudy Fiz. in-t. 17:179-189 '62.

BIBLIOGRAPHY—RAILROADS

New books. Vest. TSNII MPS 21 no. 7:63-64 '62.

BIBLIOGRAPHY—REFRACTORY MATERIALS

List of studies of the Ukrainian Scientific Research Institute of refractories. Sbor. nauch. trud. UNIIO no. 5:342-347 '61.

BIBLIOGRAPHY—RUMANIA

[New literature on Rumania] Nov. lit. po Rum. [illegible] 9 '62.

BIBLIOGRAPHY—RURAL ELECTRIFICATION

New books. Tekh. v sel'khoz. 22 no. 10:91 O '62.

BIBLIOGRAPHY—RUSSIA—CONSTITUTION

Studies devoted to the establishment of the U. S. S. R., the First Constitution of the Soviet Union, and the constitutions of the Union Republics. Sov. gos. i prav. 32 no. 12:162-167 D '62.

BIBLIOGRAPHY—RUSSIA—POLITICS AND GOVERNMENT

Soviet Constitution Day. Kal. znam. i pam. dat. 7 no. 12 17-22 D '62.

BIBLIOGRAPHY—RUSSIA—REVOLUTION, 1917-1921

Studying the history of the Great October Revolution [with summary in English, pp. 220-221]. G. N. Golikov. Vop. ist. no. 11:33-53 N '62.

Moscow. Publichnaia biblioteka. Otdel spravochno-bibliograficheskoi i informatsionnoi raboty [Cultivation of Russian speech; a bibliography] Kul'tura russkoi rechi, ukazatel' literatury V pomoshch' bibliotechnym rabotnikam, lektoram, propagandistam, uchiteliam Moskva, 1960. 17 p.
(MH)

BIBLIOGRAPHY—RUSSIAN LITERATURE

Matsuev, N.I. [Soviet belles lettres and literary criticism, 1956-1959; a bibliography] Sovetskaia khudozhestvennaia literatura i kritika, 1956-1959, bibliografiia. Moskva, Sovetskii pisatel', 1962. 671 p.
(MH)

BIBLIOGRAPHY—SANITARY ENGINEERING

Books published by the State Construction Publishing House Ved. i san. tekh no 11 40-3 of cover N '62.

List of literature with summaries Ved i san tekh. no 9 40-3 of cover '62

List of literature with summaries. Ved i san tekh. no 11-39 N '62.

BIBLIOGRAPHY—SCIENCE

Akademiia nauk Azerbaidzhanskoi SSR, Baku [Bibliography of the publications of the Academy of Sciences of Azerbaijan, 1945-1959] Bibliografiia, 1945/1959 Baku, 1962. 675 p.
(NNM)

[Information bulletin of new foreign books, received by the Lenin Library. Series 1: Physical, mathematical, chemical, geological, and geographical sciences; technology and technological sciences] Inform. biul. nov. inostr. knig, postup. v Bibl. im. V. I. Len. Sci. 1 Fiz.-mat., khim. i geol.-geog. nauki, tekh. i tekh nauki 8 nos. 1-2 Ja '63.

New books. Vest. AN SSSR 32 no. 12 118-121 D '62.

New books and articles. E. M. Braverman Fiz. v shkole 22 no. 5:108-110 S-O '62.

[New foreign books. Series A: Mathematics, mechanics, astronomy, physics, geophysics, chemistry, geology] Nov. knigi za rub Ser A: Mat., mekh., astron., fiz., geofiz., khim., geol. 16 no. 1 Ja 63

BIBLIOGRAPHY—SHEEP

List of literature on early lambing Zhivotnovodstvo 24 no 9 p 3 of cover S '62

BIBLIOGRAPHY—SHELT-METAL WORK

New books. Kuz.-shtam proizv. 4 no. 10:47-48 O '62.

BIBLIOGRAPHY—SHIP HANDLING

Design and operation of vessels. Sudostroenie 28 no. 11 13, 18, 51 N '62.

BIBLIOGRAPHY—SHIPBUILDING

Shipbuilding and marine engineering. Sudostroenie 28 no 11:43 N '62.

BIBLIOGRAPHY—SOCIAL SCIENCES

[Information bulletin of new foreign books, received by the Lenin Library. Series 3: Social sciences, belles-lettres, art] Inform. biul. nov. inostr. knig, postup. v Bibl. im. V. I. Len. Ser. 3: Obshchestv. nauki, khud. lit., isk. 6 nos. 1-2 Ja '63.

BIBLIOGRAPHY—SPINNING

TSentral'naia nauchno-tekhnicheskaia biblioteka legkoi promyshlennosti. [Reducing the breakage in spinning and weaving; an index of Soviet and foreign literature received by the Central Scientific and Technical Library of Light Industry from 1957 to December 1961] Snizhenie obryvnosti v priadenii i tkachestvo; spisok otechestvennoi i inostrannoi literatury, postupivshei v biblioteku s 1957 po dekabr' 1961 gg. Moskva, 1962. 43 p.

[MICROFILM]

BIBLIOGRAPHY—STANDARDIZATION

From technical periodicals. T. V. Truskolifavskaia. Standartizatsiia 26 no. 11:63-64 N '62.

BIBLIOGRAPHY—STATISTICS

New books on statistics and accounting. G Allutin. Vest. stat. no. 11. 63-65 '62.

BIBLIOGRAPHY—STOCK AND STOCKBREEDING

Brochures on advanced practices issued by local publishers. Zhivotnovodstvo 24 no. 9:93 S '62.

New books on stockbreeding. Zhivotnovodstvo 24 no 9:p. 2 of cover S '62.

BIBLIOGRAPHY—SURGERY

State Publishing House for Medical Literature is preparing these books for 1963 publication. Khirurgiia 38 no. 10:2-4 of cover. O '62.

BIBLIOGRAPHY—SURVEYING

Bibliography. Geod. i kart. no. 3:76-80 Mr '62.

Bibliography. Geod. i kart. no. 4:76-78 Ap '62.

Bibliography. Geod. i kart. no. 10:79-80 O '62.

Bibliography. Geod. i kart. no. 11:78-80 N '62.

Akademiia nauk URSR, Kiev. Biblioteka, Lvov. Vidil bibliografii. [Modernization of equipment is an important means of technological progress, a bibliography] Modernizatsiia obo udovaniia - vazhnoe sredstvo tekhnicheskogo progressa, bibliograficheskii ukazatel'. [L'vov] Izd-vo L'vovskogo univ., 1960. 151 p.

"Collected articles on science and technology," issue no. 1(5). Reviewed by G. Muradian. Prom. Arm. 5 no. 11 71-72 N '62.

From foreign periodicals, April 1962. Mekh. i avtom. proizv. 16 no. 11. 62-64 N '62.

From Soviet periodicals, October 1962. Mekh. i avtom. proizv. 16 no. 11:60-62 N '62.

In the world of science and technology, developments in foreign countries. Prom. Arm. 5 no. 11:66-67 N '62.

In the world of science and technology; developments in the U.S.S.R. Prom. Arm. 5 no. 11. 64-65 N '62.

BIBLIOGRAPHY—TECHNOLOGY

[Information bulletin of new foreign books, received by the Lenin Library. Series 1: Physical, mathematical, chemical, geological, and geographical sciences, technology and technological sciences] Inform. biul. nov. inostr. knig, postup. v Bibl. im. V. I. Len. Sci. 1 Fiz.-mat., khim i geol.-geog. nauki, tekh. i tckh. nauki 8 nos. 1-2 Ja '63.

New books. Vest. AN SSSR 32 no. 12 118-121 D '62.

[New foreign books Series B. Technology] Nov knigi za rub Ser B: Tekh. 7 no 1 Ja '63.

BIBLIOGRAPHY—TRADE UNIONS

Resolution of the December, 1957 Plenum of the Central Committee of the CPSU on the "Work of trade unions in the U. S. S. R." Kal. znam. i pam. dat 7 no. 12, 23-29 D '62.

The Trade Union Publishing House in 1963. Sov. profsoiuzy 18 no. 22 43 N '62.

BIBLIOGRAPHY—TRANSPORTATION, AUTOMOTIVE

New books. Avt. transp. 40 no. 11:62-63 N '62.

BIBLIOGRAPHY—UKRAINE—LABOR AND LABORING CLASSES

Studies on the history of the Ukrainian laboring classes during the second five-year plan. M. V. Bielʹska Ukr. ist. zhur. 6 no. 6:89-94 N-D '62.

BIBLIOGRAPHY—UKRAINIAN LITERATURE

Brief book reviews. Sov. Ukr. 12 no. 10:187-191 O '62.

Prospective plans for the publishing house of the Academy of Sciences of the Ukrainian S. S. R. for 1963. V. I. Hilelakh. Rad. lit. 6 no. 6:154-155 N-D '62.

BIBLIOGRAPHY—UROLOGY

Inasaridze, G. Z. [Bibliographic index to Soviet urology and related fields for the 100-year period, 1855-1955] Bibliograficheskii ukazatel' otechestvennoi urologii i smezhnykh oblastei za 100 let, 1855-1955. Tbilisi, Gos. izd-vo "Sabchota Sakartvelo."
Vols. 3-4. 1962. 618 p.

BIBLIOGRAPHY—VAZOV, IVAN MINCHOV, 1850-1921

Likhacheva, L. P., comp. [Ivan Vazov; a biobibliography] Ivan Vazov; biobibliograficheskii ukazatel'. Moskva, Izd-vo Vses. knizhnoi palaty, 1962. 174 p (Pisateli zarubezhnykh stran)

BIBLIOGRAPHY—VITICULTURE

Abramova, F. Sh., comp. [Reading lists for viticulturists; a bibliography of recommended literature] Chto chitat' vinogradaram; rekomendatel'nyi ukazatel' literatury. Ashkhabad, Turkmenskaia gos. biblioteka im. Karla Marksa, 1958. 21 p.
(CU-A)

BIBLIOGRAPHY—WEAVING

TSentral'naia nauchno-tekhnicheskaia biblioteka legkoi promyshlennosti. [Reducing the breakage in spinning and weaving; an index of Soviet and foreign literature received by the Central Scientific and Technical Library of Light Industry from 1957 to December 1961] Snizhenie obryvnosti v priadenii i tkachestvo; spisok otechestvennoi i inostrannoi literatury, postupivshei v biblioteku s 1957 po dekabr' 1961 gg. Moskva, 1962. 43 p.

[MICROFILM]

BIBLIOGRAPHY—WELDING

Foreign publications on welding. Svar. proizv. no. 9: 47-48 S '62.

Foreign publications on welding. Svar. proizv. no. 11: 47-48 N '62.

Foreign publications on welding practices. Svar. proizv. no. 5:47-48 My '62.

Soviet inventions in welding. Svar. proizv. no. 9:45 S '62.

Soviet inventions in welding. Svar. proizv. no. 11:45-46 N '62.

Soviet publications on welding. Svar. proizv. no. 9:46-47 S '62.

Soviet publications on welding. Svar. proizv. no. 11: 46-47 N '62.

Soviet publications on welding practices. Svar. proizv. no. 5:46-47 My '62.

From scientific and technical journals Gidroliz. i lesokhim prom 15 no 8 insert:2-4 '62

BIBLIOGRAPHY—WOODPULP INDUSTRY

From foreign journals. Bum. prom. 37 no. 11:32 N '62.

BIBLIOGRAPHY—WOOD-USING INDUSTRIES

[Literature on forest and paper industries] Lit. po les. i bum. prom nos. 60, 63 '62.

BIBLIOGRAPHY—WOODWORKING INDUSTRIES

From pages of technical and economic bulletins. Der. prom. 11 no. 11:2-4 of insert N '62.

BIBLIOGRAPHY—YUGOSLAVIA

[New literature on Yugoslavia] Nov. lit. po IUg. no. 9 '62.

BIBLIOGRAPHY (THEORY, METHODS, ETC.)

[Library science and bibliography. Ap-Je '62] Bibliotekoved. i bibl. no. 2 '62.

BICILLIN

Bicillin prophylaxis of rheumatism. III. N. Gordon. Klin. med. 40 no. 10 108-112 O '62.

Study of the concentration of penicillin in biological fluids of the body following the administration of bicillin I. A. Antipova. Pediatriia no. 7. 71-75 '62.

BICILLIN—TOXICOLOGY

Case of severe anaphylactic shock following the administration of bicillin-3. O. I. Khizhniak. Klin. med. 40 no. 10:128 O '62.

BICYCLES AND TRICYCLES see subdivision under Minsk

BIG BUSINESS see subdivision under Germany, West

BILE

Effect of feeding regimes on the processes of bile formation and secretion [with summary in English]. A. G Zagorodnaya. Vrach. delo no. 12 122-123 D '62.

BILE DUCTS—DISEASES

Stenosis of the terminal segment of the common bile duct of noncancerous origin [with summary in English]. V. M. Sitenko, A. I. Nechai. Vest. khir. 89 no. 8-57-62 S '62.

BILIARY CALCULI see Calculi, Biliary

BILIARY TRACT—DISEASES

Biliary peritonitis without bile duct perforation. V. G. Mitrofanov Khirurgiia 38 no 10:120-121 O '62.

Characteristics of the course of peptic ulcer complicated by lambliasis of the biliary tract. V. K. Ilinich. Terap. arkh. no. 8 38-40 '62.

BILIARY TRACT—RADIOGRAPHY

Operative roentgenomanometry of the biliary tract [with summary in English] Iu. A Chistiakov. Khirurgiia 38 no 10:74-81 O '62.

X-ray and surgical comparisons in acute cholecystitis [with summary in English]. L. A. Zbykovskaia. Klin. med. 40 no. 10:65-70 O '62.

BILIARY TRACT—SURGERY

Drainage of the abdominal cavity in operations on the biliary tract [with summary in English]. E. S. Shakhbazian. Klin. med. 40 no. 10:70-73 O '62.

BINDING MATERIALS

Local binding materials replace cement. A. Birkengof. Sel'. stroi. no. 11. 15-17 N '62.

Modification in the binder in the first stage of sintering of carbon-graphitic materials. A. S. Fialkov, G. P. Gumilevskaia, M. B. Grinberg. Zhur. prikl. khim. 35 no. 10:2308-2313 O '62.

Theory of hardening of mineral binding materials. I. P. Vyrodov. Zhur. prikl. khim. 35 no. 10:2341-2343 O '62.

Utilization of Mesozoic carbonate rocks of Daghestan in the production of binding materials. G. K. Kerimov. Trudy Geol. inst. Dag. fil AN SSSR. 2:278-283 '60.

BINDONE

Sulfonation of β-dicetones. Report No. 15: Bindonesulfonic acid and its salts [with summary in English]. E. Gudriniece and others. Izv. AN Latv. SSR no. 2:111-114 '61.

BIOCHEMISTRY

Apropos of D. L. Ferdman's book, "Biochemistry" (in place of a review). V. S. Tongur. Vest. AMN SSSR 17 no. 9:94-95 '62.

Biochemistry of cancer. V. S. Shapot. Priroda 51 no. 12:19-25 D '62.

From the positions of molecular biology. V. S. Shapot. Nauka i zhizn' 29 no. 10:38-40 O '62.

"Medical clinical biochemical research" by A. F. Kriatskii. Reviewed by N. A. Kosarikhina. Lab. delo 8 no 5:61 My '62.

Problem of cancer in a physicochemical aspect. N. M Emanuel'. Nauka i zhizn' 29 no. 10 42-43 O '62.

BIOCHEMISTRY (continued)

Supplementary comments on the review of the biochemistry sections of the "Manual of clinical laboratory research" founded by V. E. Predtechenskii (5th edition, revised and enlarged under the editorship of L. G. Smirnova and E. A. Kost, Moscow, Medgiz, 1960) L. Shutskii. Lab. delo 8 no. 5 61-62 My '62.

BIOCHEMISTRY—CONGRESSES

Important landmark in the development of biochemistry; on the 5th International Congress of Biochemistry. A. S. Gasanov and others. Izv. AN Azerb. SSR, Ser. biol. i med. nauk no. 6:115-126 '62.

International Congress of Biochemistry, 5th, Moscow, 1961. [Biochemical principles in the technology of the food industries, Symposium VIII] Biokhimicheskie osnovy tekhnologii pishchevykh proizvodstv, Simpozium VIII. 1962, 342 p. (Its Trudy) [MICROFILM]

International Congress of Biochemistry, 5th, Moscow, 1961. [Biological structures and functions at the molecular level, symposium I] Biologicheskie struktury i funktsii na molekuliarnom urovne, simpozium I. Moskva, Izd-vo Akad. nauk SSSR, 1962. 298 p. (Its: Trudy)

International Congress of Biochemistry, 5th, Moscow, 1961. [Functional biochemistry of cell structures, symposium II] Funktsional'naia biokhimiia kletochnykh struktur, simpozium II. 1962. 314 p. (Its: Trudy) [MICROFILM]

BIOLOGICAL ASSAY

Methods for laboratory testing of new seed disinfectants. E. I. Andreeva. Zashch. rast. ot vred. i bol. 6 no. 8: 40-41 Ag '61.

BIOLOGICAL PRODUCTS

Corn ensilage with the dry "SKR" biological preparation. V. P. Roshchin, L. N. Galiamin, S. E. Muravskii. Zhi. otno. odstvo 24 no. 9 50-52 S '62.

BIOLOGICAL SPECIMENS—ANALYSIS

Determining iodine in various biological materials. M. S. Veretka. Visnyk sil'hosp. nauky 5 no. 10:120-121 O '62.

BIOLOGY—ABSTRACTS

[Biology] Ref. zhur.: Biol. no. 24 D 62.

BIOLOGY—BIBLIOGRAPHY see Bibliography—Biology

BIOLOGY—PHILOSOPHY

Dialectics of biological "organization" [with summary in English, p. 186]. Z. V. Kaganova. Vop. filos. 16 no. 12: 83-73 '62.

BIOLOGY—STUDY AND TEACHING

(see also subdivision under Germany, East; Lipetsk Province)

Acquainting students with the achievements of biology. A. P. Sadovskii. Biol. v shkole no. 4:13-16 Jl-Ag '62.

Celebrating the harvest day. A. E. Ovinchenko. Biol. v shkole no. 4 90-91 Jl-Ag '62.

Compete with progressive teachers. Biol. v shkole no. 4 3-7 Jl-Ag '62.

Forms of independent work in biology lessons. N. S. Nekrasova. Biol. v shkole no. 4:19-24 Jl-Ag '62.

Measuring the knowledge of students in biology. N. A. Shumanskaia. Biol. v shkole no. 4:25-28 Jl-Ag '62.

Problems of improving the teaching of biology in connection with the progress of biological science. B. V. Vseaviatskii. Biol. v shkole no. 4 8-13 Jl-Ag '62.

BIOLOGY, EXPERIMENTAL—BIBLIOGRAPHY see Bibliography—Biology, Experimental

BIPHENYL

Measurement of neutron spectra in lattices of uranium-water and uranium - monoisopropylbiphenyl. V. I. Mostovoi and others. Atom. energ. 13 no. 6:547-555 D '62.

BIPYRIDINE

Photocolorimetric determination of germanium by means of α,β-dipyridyl. Sh. T. Talipov, R. Kh. Dzhianbaeva, V. S. Anishina. Uzb. khim. zhur. 6 no. 5:25-28 '62.

BIRCH see subdivision under Polesye; Tomsk Province; Ukraine

BIRDS see subdivision under Apsheron Peninsula

BIRDS—EGGS AND NESTS

Rzhevskii, B. M. [Traveling nests] Puteshestvuiu - shchie gnezda. Moskva, 1961. 15 p.

BIRDS—EMBRYOLOGY see Embryology—Birds

BIRDS—PARASITES see Parasites—Birds

BIRSTONAS—VIEWS

Kirsnys, V. [Birstonas] Birshtonas. [Vil'nius, Gos. izd-vo polit. i naucho. lit-ry Litovskoi SSR, 1961] 1 v. (chiefly illus.)

"People! Challenge to survival" [in English] by William Vogt. Reviewed by A. Popov. Mir. ekon. i mezhdunar. otn. no. 12 121-122 D '62.

BISMUTH

Diffusion of silver in liquid bismuth [with summary in English]. T. V. Vasylenko, IE. I. Khar'kov. Ukr. fiz. zhur. 7 no. 12:1345-1349 D '62.

BISMUTH—METALLURGY

Obtaining pure bismuth. B. N. Aleksandrov. Fiz. met. i metalloved. 14 no. 5:733-736 N '62.

BISMUTH-CADMIUM ALLOYS—THERMAL PROPERTIES

Correlation between properties and composition of near-eutectic alloys in the system bismuth - cadmium. A. A. Tsiitsyn. Fiz. met. i metalloved. 14 no. 5:683-686 N '62.

BISMUTH COMPOUNDS

Extraction of chloride complexes of bismuth by means of n-octylamine. I. A. Shevchuk, L. I. Degtiarenko. Ukr. khim. zhur. no. 9 1112-1114 '62.

BISMUTH OXIDE

Investigating the system Bi_2O_3 - WO_3 - PbO. N. P. Smolianinov, I. N. Belianev. Zhur. neorg. khim. 7 no. 11:2591-2595 N '62.

BISMUTH-YTTRIUM-ANTIMONY ALLOYS see Yttrium-bismuth-antimony alloys

BITUMEN

Bitumen measuring hopper for the D-333 automatic mixer. M. I. Fomin, I. A. Kulev. Mekh. stroi. 19 no. 12 24 D '62.

BITUMEN—GEOLOGY see subdivision under Azerbaijan; Daghestan

BITUMINOUS MATERIALS

Applying active agents in strengthening road surfaces with bituminous emulsions. A. L. Okovityi. Izv. vys. ucheb. zav.: lesn. zhur. 4 no. 5 76-81 '61.

BJERKNES, VILHELM, 1862-1951

Vilhelm Bjerknes, on his 100th birthday. A. Kh. Khrgian. Meteor. i gidrol. no. 12 46-48 D '62.

BLACK FLIES see subdivision under Ethiopia; Karelia, Ob' Valley

BLACK FLIES—EXTERMINATION see subdivision under Karelia

BLACK IRTYSH VALLEY—CALLIGONUM

Calligonum stands of the sandy soils of the Black Irtysh Valley. L. IA. Kurochkina. Trudy Inst. bot. AN Kazakh. SSR 13,101-132 '62.

BLACK-LEAD see Graphite

BLACK SEA—DIATOMS

Diatom fouling in the Black Sea [with summary in English]. S. B. Kuvaeva. Trudy Inst. okean. 58:328-331 '62.

BLACK SEA—MARINE FOULING

Diatom fouling in the Black Sea [with summary in English]. S. B. Kuvaeva. Trudy Inst. okean. 58:328-331 '62.

BLACK SEA—MUSSELS

Distribution and stock of mussels (Mytilus galloprovincialis Lam.) in the northwestern part of the Black Sea based on the data of 1958. M. V. Zhelienkova. Trudy Gidrobiol. ob-va 12:375-390 '62.

BLACK SEA—OCEAN BOTTOM

Tectonics of the northwestern part of the Black Sea based on geophysical and geomorphological studies. V. A. Kornev, IU. P. Neprochnov. Biul. MOIP, Otd. geol. 37 no. 5:168-169 S-O '62.

BLACK SEA—OCEANOGRAPHIC INSTRUMENTS

Using new oceanographic instruments to study the sea. E. N. Al'tman. Meteor. i gidrol. no. 12:33-36 D '62.

BLACK SEA—SULFATES

Experimental investigation of the reduction of sulfates by bacteria in the Black Sea using S^{35} [with summary in English]. IU. I. Sorokin. Mikrobiologiia 31 no. 3: 402-410 My-Je '62.

BLACK SEA—WAVES

Storm waves off the southern coast of the Crimea. V. I. Zats. Priroda 51 no. 12:88-90 D '62.

BLACK SEA REGION—CITRUS FRUITS—DISEASES AND PESTS

Practices in controlling the citrus mites. A. V. Ivanchenko. Zashch. rast. ot vred. i bol. 5 no. 2:22-23 F '60.

BLACK SEA REGION—GAS, NATURAL—GEOLOGY

Eastern Black Sea oil- and gas-bearing basin. E. K. Vakhantia, V. B. Olenin, B. A. Sokolov. Zakonom. razm. polezn. iskop. 5:549-557 '62.

Practices in controlling the citrus mites. A. V. Ivanchenko. Zashch. rast. ot vred. i bol. 5 no. 2:22-23 F '60.

BLACK SEA REGION—PETROLEUM GEOLOGY

Eastern Black Sea oil- and gas-bearing basin. E. K. Vakhantia, V. B. Olenin, B. A. Sokolov. Zakonom. razm. polezn. iskop. 5 549-557 '62.

BLADDER—DISEASES

Herpes zoster of the mucous membrane of the bladder. A. E. Fain. Urologiia no. 5:61-62 '62.

BLADDER—TUMORS

Prevention of occupational neoplasms of the bladder [with summary in English]. A. S. Kurapellian, I. S. Temkin. Gig. i sanit. 27 no. 6 25-28 Je '62.

BLADDER-WORM see Hydatids

BLAST FURNACES

Assembling the incline for a blast furnace. D. IA. Moizhes. Mont. i spets. rab. v stroi. 24 no. 11:26-28 N '62.

Blowing oxygen deep into a blast furnace hearth. V. I. Loginov, A. N. Chechuro, V. M. Dolgov. Metallurg 7 no. 12:4-5 D '62.

Brazhnikov, N. V., and V. I. Bondarenko, and V. P. Chistov [Automatic control of blast-furnace and rolling mill processes with use of digital computers] Avtomaticheskie upravleniia domennogo i prokatnogo proizvodstva s primeneniem tsifrovykh schetno-reshaiushchikh ustroistv. Sverdlovsk, Metallurgizdat, 1962. 256 p.

Calculating the thermal balance in blast furnace smelting. N. G. Makhanek. Izv. vys. ucheb. zav., chernaia met. 5 no. 11:30-36 '62.

Effect of a cooled wall on the temperature of the charge and a gas moving in the counterflow [with summary in English]. I. S. Zhitomirskii, S. B. Kuz'minskaia. Inzh.-fiz. zhur. 5 no. 10 89-92 O '62.

Mineralogical composition of grog refractories (fireclay) and their service in a blast furnace. L. I. Kuznetsov, Trudy nauch.-tsvet. UNIIO no. 5:137-167 '61.

Our reserves for increasing the efficiency of labor. L. Grigor'ev. Na strol Ros. 3 no. 8 24-25 Ag '62.

Shchedrin, V. M. [Theory of blast-furnace operation under pressure] Teoriia domennoi plavki pod davleniem. Moskva, Metallurgizdat, 1962. 454 p.

BLAST FURNACES—DESIGN AND CONSTRUCTION

Durability of blast furnace hearth bottoms. D. K. Beerkov. Metallurg 7 no. 12:9-10 D '62.

Surveying operations in redesigning a blast furnace. I. G. Maimunov. Geod. i kart. no. 10:50-52 O '62.

BLAST FURNACES—EQUIPMENT AND SUPPLIES

Analyzing the accuracy of weighing on lever-type batch scales. S. N. Kozhevnikov and others. Trudy Inst. chern. met. AN URSR 16:15-25 '62.

Investigating rapid winches for manipulating ladle hooks. M. Z. Levin, M. F. Leshchinskii. Izv. vys. ucheb. zav., chern. met. 5 no. 11:108-109 '62.

BLASTING

(see also subdivision under Georgia)

Blasting under shelters. A. V. Petrov, S. A. Slavyanov. Mont. i spets. rab. v stroi. 24 no. 12:20-21 D '62.

Detonating blast holes without percussion caps. V. I. Igonin, A. S. Vorobinin. Bezop. truda v prom. 6 no. 11, 30 D '62.

Effect of the number of delay stages on the efficiency of charges explosion in case of wedge crosscutting. G. A. Berlshvili, V. D. Gabidzashvili. Bhakhl. sbor. 6 no. 11:16-18 N '62.

Irgaev, Sh. I. [Boring and blasting operations in mines] Burovzryvnye raboty na rudnikakh; pri prokhodke vyrabotok. Alma-Ata, Kazakhskoe gos. izd-vo, 1963. 183 p. [MICROFILM]

Mel'nikov, N. V., ed. [Handbook on drilling and blasting in construction] Spravochnik po burovzryvnym rabotam na stroitel'stve. Moskva, Gosstroiizdat, 1962. 352 p.

Reducing the seismic effect of large scale blasting in pits. I. V. Klevtsov, V. D. Marchuk. Bezop. truda v prom. 6 no. 12:19-21 D '62.

BLEACHING

Changes of the functional groups of viscose cellulose in the process of its bleaching. L. E. Akim and others. Zhur. prikl. khim. 35 no. 11:2534-2536 N '62.

BLIND-DEAF

Changes in my perceptions and concepts under the influence of life experience. O. I. Skorokhodova. Izv. APN no. 121:143-198 '62.

Some special characteristics of blind-deaf children prior to their entering a training clinic. I. A. Sokolianskii. Izv. APN no. 121:113-142 '62.

Special aspects of the primary development of a blind-deaf child. A. I. Meshcheriakov. Izv. APN no. 11: 31-41 '62.

Izv. APN no. 121 15-30 '62

Foreword A Meshcheriakov. Izv APN no. 121 13-14 '62

Forming the concepts of fundamental geometrical forms in the blind-deaf R. A Mareeva. Izv APN no 121 42-64 '62

Preparing a blind-deaf teen-ager for productive work under the conditions of domestic education I A Sokolianskii. Izv. APN no. 121 65-107 '62

BLIND-DEAF—REHABILITATION, ETC.

Preparing a blind-deaf teen-ager for productive work under the conditions of domestic education I A. Sokolianskii Izv. APN no 121 65-107 '62

Training blind-deaf IUlia V. in vocational skills N V Ivanova Izv. APN no 121 108-111 '62

BLINDNESS

Clinical and experimental pathophysiology of disorders of the visual analyzer caused by intoxications. M T Karapancha Vest. oft. no. 5:87-89 '62.

BLOCK DIAGRAMS

Use of a special instrument to construct block diagrams. I.D.Goldin. Razved.i okh.nedr. 28 no.11:19-23 N '62.

BLOOD—AGGLUTINATION

Reactions of hemagglutination and hemolysis in animals with clinical symptoms of tuberculosis H V Dunaiev Visnyk akthosp. nauky 5 no 11:104-106 N '62

Vasler-Rose reaction and its dynamics under the influence of hydrogen sulfide baths in infectious non-specific polyarthritis S. K. Kalandarov Zdrav Tadzh. 9 no 5 29-31 '62.

BLOOD—ANALYSIS AND CHEMISTRY

Activity of some enzymes in schizophrenic patients [with summary in French]. L. A. Khaimovich. Zhur. nevr i psikh. 62 no. 8:1205-1210 Ag '62.

Biochemical investigation of the blood and urea of animals after the flight in a spaceship [with summary in English]. A. A. Gurdzhian and others. Probl. kosm. biol. 1:152-160 '62.

Changes in some morphological and biochemical indices of the peripheral blood of animals after a rocket flight [with summary in English]. I. I Kas'ian, L. M. IUganov, T. S. L'vova. Probl. kosm. biol. 1:161-165 '62.

Indices of normal peripheral blood and bone marrow in the Macaca rhesus monkeys [with summary in English]. I. N. Usacheva, N. V. Raeva. Biul. eksp. biol. i med. 54 no. 11 106-108 N '62.

Modification of Shaw's method for determining adrenalinelike substances in a small quantity of blood. E. Sh. Matlina. Lab delo 8 no. 5:28-30 My '62.

New method of determining glycoproteins in the blood serum and plasma [with summary in English]. S IA. Shteinberg, IA. N. Botsenko. Vrach. delo no. 12:43-45 D '62.

BLOOD—CIRCULATION

Cranial rheography in some vascular diseases [with summary in English]. G. I. Enina. Klin. med. no. 9: 89-94 '62.

"Essays on the clinical physiology of blood circulation" by V. V Parin and F. Z. Meerson. Reviewed by A. T. Lidskii. Khirurgiia 38 no. 10:138-138 O '62.

Hemodynamic study using a dye method. L. V. Veselnikov. Kardiologiia 2 no. 5:74-77 S-O '62.

BLOOD—CIRCULATION, ARTIFICIAL

Dynamics of myocardial oxygen tension in artificial circulation [with summary in English]. G. M. Solov'ev, G. IA. Khodas. Kardiologiia 2 no. 5:33-37 S-O '62.

BLOOD—CIRCULATION, DISORDERS OF

Gegesi Kiss, Pal, Gyula Szuirely, and Jozsef Kudasz. [Diseases of the heart and organs of blood circulation in infancy and childhood. Translated from the Hungarian] Zabolevaniia serdtsa i organov krovoobrashcheniia v mladenchestkom i detskom vozrastakh. Budapest, Akademiai Kiado, 1962, 907 p.
(DNLM)

Prevention of a recurrent circulatory disorder in mitral heart defects [with summary in English]. G. L. Kats. Vrach. delo no. 12:19-23 D '62.

BLOOD—COAGULATION

Heparinization method and blood coagulation control during hemodialysis using the "artificial kidney" apparatus [with summary in English]. V. A. Agranenko, L. A. Levitskaia, B. F. Kaveshnikova. Khirurgiia 38 no. 10:51-58 O '62.

Machabeli, M. S. [Problems in the clinical study of coagulation] Voprosy klinicheskoi koagulologii. Tbilisi, Izd-vo Akad. nauk Gruzinskoi SSR, 1962. 294 p.
(DNLM)

Physiological anticoagulation system in acute blood loss [with summary in English]. D. M. Zubairov. Biul. eksp. biol. i med. 54 no. 11:33-36 N '62.

Simple method for the determination of the natural lysis and retraction of a blood clot. M. A. Kotovshchikova, B. I. Kiznik. Lab. delo 8 no. 5:6-9 My '62.

L. D. Orlova, G. A. Rogunov, I. V. Frinovskaia Probl. gemat. i perel. krovi no 9 34-37 '62.

BLOOD—COLLECTION AND PRESERVATION

Stand for collecting fibrinolyzed blood in flasks. G. A. Pafomov. Probl. gemat i perel krovi no 9:56-58 '62

BLOOD—DISEASES

[Multivolume manual on internal diseases] Mnogotomnoe rukovodstvo po vnutrennim boleznlam. Otv. red. A. L. Miasnikov. Moskva, Medgiz.
Vol. 6. [Diseases of the blood system and hemopoietic organs] Bolezni sistemy krovi i krovotvornykh organov. Red. toma: A. A. Bagdasarov. 1962. 700 p.
(DNLM)

Use of a new type of thrombelastograph in blood diseases L. D. Orlova, G. A. Rogunov, I. V. Frinovskaia. Probl gemat. i perel. krovi no. 9:34-37 '62.

BLOOD—EXAMINATION

Morphological changes in the blood picture in closed cranial trauma. M K Maksunova. Zdrav Tadzh. 9 no 5 45-47 '62.

Some indices of body reactivity in pneumonias in nursing infants [with summary in English]. V. D. Surkov. Pediatriia 41 no. 8:38-46 S '62

BLOOD—OXYGEN CONTENT

Results of the experimental checking of errors in oxyhemographic investigations A. B. Gandel'sman and others. Teor. i prak. fiz. kul't. 25 no. 10:33-36 O '62

Some data on the use of oxyhemometry for the comparative evaluation of the effectiveness of oxygen and aerotherapy in the children's clinic [with summary in English]. E. S. Ermakov. Pediatriia 41 no. 9:50-54 S '62.

BLOOD—SEDIMENTATION

Fractional reaction of erythrocyte sedimentation in healthy children. O. V. Emel'ianova. Pediatriia no. 7: 55-59 '62.

BLOOD—TRANSFUSION

Akopian, S. A. [Higher nervous activity in blood transfusion shock and blood loss] Vysshaia nervnaia deiatel'nost' pri gemotransfuzionnom shoke i krovopotere. Erevan, Izd-vo Erevanskogo univ., 1961. 228 p
(DNLM)

Blood transfusion according to data from the surgical ward of a district hospital. V. I. Shepotinovskii. Vest. khir. 89 no. 9 114-116 S '62.

Comments on the chapter, "Blood and lymph. The organs of blood and lymph circulation", in A. M. Brotburg's monograph, "The physiology of nutrition." A. A. Savin. Vop. pit. 21 no. 4 94 Jl-Ag '62.

Effect of blood transfusion on the excretion of 17-ketosteroids in gastric and duodenal peptic ulcer and hypochromic anemia. N. A. Dubrovina. Probl. gemat. i perel. krovi no. 9:48-52 '62.

Filtration of the blood during transfusion. N. G. Kartashevskii, V. V. Rumiantsev. Probl. gemat. i perel. krovi no. 9:41-45 '62.

Treatment of blood transfusion shock occurring against a background of neuroplegic action [with summary in English]. L. IA. Fishchenko, E. M. Neiko. Biul. eksp. biol. i med. 54 no. 11:42-46 N '62.

Zhvaniia, T. O. [Blood transfusion reactions and complications caused by the transfusion of bacterially contaminated blood, their prevention and treatment] Gemotransfuzionnye reaktsii i oslozhneniia, vyzvannye perelivaniem bakterial'no-zagriaznennoi krovi, ikh profilaktika i lechenie. Tbilisi, Izd-vo Akad. nauk Gruzinskoi SSR, 1961. 87 p.
(DNLM)

BLOOD AS FOOD OR MEDICINE

Leucocytic reaction as a prognostic index of the effectiveness of autohemotherapy [with summary in English]. A. A. Shtein, T. I. Polishova. Vrach. delo no. 12:79-81 D '62.

Prophylaxis and treatment using immune blood in Leptospirosis of farm animals [in Armenian with summary in Russian]. L. S. Pogosian. Izv. Glav. upr. sel'khoz. nauk i podgot. kad. Arm. SSR 5 no. 4:97-103 '62.

BLOOD CELLS

Hematological changes in children with acute leukemias during present-day methods of treatment. L. A. Makhonova. Probl. gemat. i perel. krovi no. 9:38-41 '62.

BLOOD DONORS

Character of the changes in the nonhemoglobin iron of the serum and in the total iron of the blood in donors following bloodletting. E. A. Guliaev. Probl. gemat. i perel. krovi no. 9:52-54 '62.

BLOOD PLATELETS

Measurement of the blood platelets in healthy subjects. O. N. Piksanov. Lab. delo 8 no. 5:17-21 My '62.

Cerebrovascular reflexes as a method for studying the functional state of the arterial and venous systems, preliminary report. G. V. Arkhangel'skii. Trudy Gos. nauch.-issl. inst. psikh. 25:488-491 '61.

Correlation of arterial and venous pressure in hypertension with mental disorders. V. V. Gromova. Trudy Gos. nauch.-issl. inst. psikh. 25 478-487 '61

Dynamics of the arterial pressure in hypertonic psychoses during the process of reserpine treatment. I. S. Romanova. Trudy Gos. nauch.-issl. inst. psikh. 25: 165-177 '61.

Effect of infusions of Lagochylus inebrians on venous pressure under experimental conditions M M. Mansurov Med zhur Uzb no. 3 60-61 Mr '62

Use of one method of measuring venous pressure in neurosurgery. M. Maksudov. Med. zhur. Uzb. no. 3 57-59 Mr '62.

Vascular asymmetry according to graphic data [with summary in English]. P V. Voloshin Vrach delo no. 12:23-27 D '62.

BLOOD PRESSURE, HIGH see Hypertension

BLOOD PRESSURE, LOW see Hypotension

BLOOD PROTEINS

Change in the protein fractions of the blood in acute intestinal obstruction A. S. Synovets. Vrach delo no. 12:52-54 D '62.

Changes in the serum proteins in some diseases. S. IA. Kaplanskii. Vest. AMN SSSR 17 no. 9:10-21 '62.

Clinical significance of the electrophoretic examination of blood protein fractions in eye diseases. G. A Sokolovskii. Vest. oft. no. 5:11-17 '62.

Effect of unconditioned interoceptive metabolic reflexes from the stomach on the vitamin C content of the blood and the absorptive capacity of blood proteins in various functional states of the central nervous system L. M. Mamedova. Izv. AN Azerb. SSR. Ser. biol. i med. nauk no. 6:89-95 '62.

Indices of various methods for the analysis of blood serum proteins in normal and sick animals. A. P. Prostiakov. Lab. delo 8 no. 5:55-56 My '62.

Method for protein fraction electrophoresis in the blood serum. P. P. Bulgakov, B S Dobrinkov. Lab. delo 8 no. 5:34-35 My '62.

Modified method for staining electrophoregrams with bromophenol blue. V B. Broide. Lab delo 8 no. 5: 36-37 My '62.

Protein and lipid composition of the blood serum of newborn infants [with summary in English]. G. V. Fevralev. Pediatriia no. 7:47-49 '62.

Protein fractions of the blood serum in pneumonias in infants [with summary in English]. L. L. Kuz'mina. Pediatriia 41 no. 9:46-50 S '62.

Proteinogram in guinea pigs. V. A. Saarma, Y. S. Ralassar. Lab. delo 8 no. 5:54-55 My '62. abroad.

Total protein and its fractions in the blood serum and lymph in elephantiasis [with summary in English]. A. N. Retvinskii, S. A. Karpiuk. Klin. med. 40 no. 10: 94-99 O '62.

BLOOD SUGAR

Some data on physiological norms for blood sugar and chlorides in experimental animals. A Z Buzina, A K Shilenkova, O. N. Borofeeva. Lab. delo 8 no. 5:58-59 My '62.

BLOOD VESSELS

The effect of A. P. Polosukhin's antishock liquid on plasma metabolism and vascular tonus. K. A Samoilova. Vest. AN Kazakh. SSR 18 no. 11 76-78 N '62.

Results of the investigation of some indices of peripheral blood vessels in dogs during and after a flight into outer space [with summary in English]. V. V. IAkovlev. Probl. kosm. biol. 1:166-170 '62.

BLOOD VESSELS—PERMEABILITY

Changes in the permeability of the vascular wall in cerebrovascular diseases accompanied by mental disorders. V. V Zakharova. Trudy Gos. nauch.-issl. psikhonevr. inst. 28:127-131 '62.

Permeability of the histohematic barriers in experimental tuberculosis and the simultaneous administration of antibacterial preparations and tuberculin. A. M. Soskin. Probl. tub. no. 7:78-82 '62.

BLOOD VESSELS—RADIOGRAPHY see Angiography

BLOODLETTING

Physiological anticoagulation system in acute blood loss [with summary in English]. D. M. Zubairov. Biul. eksp. biol. i med. 54 no. 11:33-36 N '62.

BOARDING SCHOOLS

(see also subdivision under Ukraine; Ul'yanovsk Province)

Akademiia pedagogicheskikh nauk RSFSR, Moscow. Institut teorii i istorii pedagogiki. [Educational work in boarding schools] Uchebno-vospitatel'naia rabota v shkole-internate. Pod red. V. E. Gmurmana. Moskva, Izd-vo Akad. pedagog. nauk RSFSR, 1962. 333 p.

Efficient work of a member of the Communist Youth League. I. Kovalenko. Votov. ateist no 6:29 Je '62

From the editor's mail. Sov. deput. trud. no. 12:61 D '62.

BODAYBO—LABOR AND LABORING CLASSES—MEDICAL CARE

Medical service for the workers of Bodaybo, on the 50th anniversary of the Lena events. T. A. Larionova, T. P. Vlasova. Sov. zdrav. 21 no. 12 6-9 '62.

BODY TEMPERATURE

Vegetative disorders in cerebral atherosclerosis with initial mental disorders (a disorder of vasomotor innervation). I. N. Bobrova. Trudy Gos. nauch.-issl. inst. psikh. 25:195-201 '61

BODY TEMPERATURE—REGULATION

Effect of surrounding thermal conditions on the daily temperature rhythm of the fowl body. S. K. Karapetian, R. A. Arutiunian. Izv. AN Arm SSR Biol. naukl 15 no. 11 3-10 N '62

BODY WEIGHT

Dynamics of weight and body composition of basketball players and gymnasts of higher groups. A. G. Zhdanova, IA. IA. Parzhiakova. Teor i prak. fiz. kult. 25 no 9 27-29 S '62.

BOGDANOV, ANATOLII PETROVICH, 1834-1896

V. M. Shimkevich's letters to A. P. Bogdanov (1881-1890). E. E. Raikov. Vest LGU 17 no. 21:122-134 '62.

BOHR, NIELS HENRIK DAVID, 1885-1962

Niels Bohr; obituary. A. I. Alikhanov and others. Vest. AN SSSR 32 no. 12:90-91 D '62

BOILER EXPLOSIONS

Explosions in boiler gas conduits when burning liquid or solid fuel. N. P. Kariagin. Vod i san. tekh no. 11 30-31 N '62

BOILERS

(see also subdivision under Taganrog)

Concerning the stability of the steam formation process in the parallel coils of a once-through boiler. I. I. Morozov. Izv. vys. ucheb. zav. ,energ. 5 no. 11:86-88 N '62.

Construction of boiler houses on permafrost. M. V. Kim. Prom. stroi 40 no 11:28-31 '62

Control of continuous blow-out in high-pressure boilers. E. A. Miasnikov. Elek. sta. 33 no. 11:82-83 N '62.

Dynamic coupling between VTI system controllers. IU. N. Novozhilov. Energetik 10 no 11:28-29 N '62.

Group-type fuel oil and gas valves. K. A. Zel'din. Energetik 10 no 11 19-21 N '62.

Gutorov, V. G. [Accidents and damages in boiler systems] Avarii i povrezhdenila kotel'nykh agregatov. Moskva, Gosenergoizdat, 1962. 95 p.

Increase in the evaporative capacity of boilers converted to operation on natural gas. O. M. Rabinovich and others. Energetik 10 no 11 11-14 N '62

Krol', L. B. [Principal features of high-pressure and super-high pressure boiler units] Osnovnye osobennosti kotel'nykh agregatov vysokogo i sverkhkriticheskogo davlenila. Moskva, Gosenergoizdat, 1962. 239 p.

Mechanization of labor consuming processes in the lining of boilers. G. V. Reznik. Energetik 10 no. 10:28-30 O '62.

Pneumatic transportation of shot in boiler systems and methodology for its designing. G. I. Luzhnov and others. Elek. sta. 33 no 11.12-19 N '62.

Redesigning of the burners of the TP-100 boiler of the Zmiyev State Regional Electric Power Plant. G. G. Zarochentsev. Elek. sta. 33 no. 11:81-82 N '62.

Redesigning of the fastening assembly of beater holders of shaft mills. L. I. Silant'ev. Energetik 10 no. 10: 12-13 O '62

Results of the determinatio[illegible] moisture in [illegible]ferent'ev. N '62

[illegible]lc [illegible]sfan-

[illegible], Moise-

Improving the scavenging of combined steam boilers. I. Orekhov. Mor flot 22 no 11:23-25 N '62.

BOILERS, MARINE—MAINTENANCE AND REPAIR

Repairing the steam boiler of a floating crane. G. Karakulin. Rech. transp. 21 no. 12 22 D '62.

BOILS see Furunculosis

BOLGARCHAY VALLEY—SALINE AND ALKALI SOILS

Dynamics of the salinization of soils in the alluvial cone of the Bolgarchay River (southern Mugan'). A. Sh Bibarsova. Izv. AN Azerb. SSR. Ser. biol i med. nauk no. 5:59-64 '62.

BOLOGA, VALERII LUSHAN, 1902-

Professor Valerii Lushan Bologa; on his 70th birthday. B. D. Petrov. Sov. zdrav. 21 no. 12:93-94 '62

BOLOMETER

Dynamic characteristics of vacuum metallic bolometers (with summary in English). L. S. Kremenchugskyi, A. F. Mal'nev, O. V. Roitsyna. Ukr. fiz. zhur 7 no. 12: 1298-1306 D '62.

BOL'SHAYA GUDYR'YA, LAKE—LIMNOLOGY

Deepwater lake Bol'shaya Gudyr'ya in the valley of the Pechora River, a limnological essay. A. P. Brattsev and others. Trudy Gidrobiol. ob-va 12:200-213 '62.

BOL'SHAYA SYNYA VALLEY—TEETH, FOSSIL

A find of a stegocephalia's original teeth. V. I. Chalyshev. Izv. Komi fil. Geog. ob-va SSSR no. 7 119-121 '62.

BOLSHEVISM see Communism

BOL'SHEZEMEL'SKAYA TUNDRA—GEOLOGY, STRATIGRAPHIC

Pleistocene deposits in the eastern part of Bol'shezemel'skaya Tundra and the conditions of their formation. L. D. Danilov. Izv. AN SSSR. Ser. geog. no. 6:74-80 N-D '62.

BOMBARDMENT WITH PARTICLES see Collisions (Nuclear physics)

BONDARENKO, PAVEL IVANOVICH, 1917-

Baltun, P. K. Pavel Ivanovich Bondarenko, Leningrad, Khudozhnik RSFSR, 1961. 30 plates. (MH)

BONDARI DISTRICT (TAMBOV PROVINCE)—MEDICINE, RURAL

Work of the Bondari District Hospital in Tambov Province on medicosanitary service for the population. R. A. Lebedeva. Zdrav. Ros. Fede[illegible] 6 no. 11:40-43 N '62.

BONDARTSEV, APOLLINARII SEMENOVICH, 1877-

Anniversaries. N. A. Cheremisinov. Zashch. rast. ot vred i bol 7 no 8:60-61 Ag '62.

BONDS, CHEMICAL see Chemical bonds

BONE MEAL

Domestic bone meal and its use in fattening swine for meat [with summary in English]. V. A. Tashchilin. Izv. TSKHA no. 4:127-141 '62.

BONES—DISEASES

Latent osteoarthropathies in psoriasis patients. G. Kh. Kogon. Vrach. delo no. 12:129-130 D '62.

BONES—TUBERCULOSIS

(see also subdivision under Sverdlovsk)

Early resections in osteoarticular tuberculosis. IA. B. Il'din. Probl. tub. no. 7:51-55 '62.

Fifth Republic Conference on Osteoarticular Tuberculosis. D. K. Khokhlov. Vest. khir. 89 no. 9:142-146 S '62.

BONUS SYSTEM

(see also subdivision under Rumania)

Letters from the editor. Sov. profsoiuzy 18 no. 23:44 D '62.

Loading and unloading works in seaports. E. Korsakov, V. Peretrutov. Sots. trud 7 no. 11:117-122 N '62.

New developments in paying bonuses to engineers and technicians. E. Vasil'ev. Sots. trud 7 no. 11:108-116 N '62.

Partial amendment of the regulation on bonuses, for improvement of the quality of products, for managerial, engineering and technical workers in enterprises of the textile and light industries. Biul. Gos. kom. po vop. truda i zar. platy no. 4:7 '62.

Partial amendment to the standard regulations on bonuses to managerial, engineering and technical workers and employees. Biul. Gos. kom. po vop. truda i zar. platy no. 9:3-59 '62.

Time-based bonus payment. Sel'. mekh no. 10:18-19 '62.

BOOKBINDING—EQUIPMENT AND SUPPLIES

Materials for book binding. Z. V. Kirsanova, T. P. Zorina. Standartizatsiia 26 no. 12:40 D '62.

So that Soviet books will be excellent, the best in the world. M. V. Pashkov. Poligraf. proizv. no. 12:3-4 D '62.

BOOKS—REVIEWS

[Chronicle of reviews] Lit. i[illegible] no. 4 '62.

BOOKS AND READING

Kalitin, N. I. [Readers and books; the art of being a reader] Chitatel' i kniga; ob iskusstve byt' chitatelem. Moskva, Izd-vo "Znanie," 1962. 46 p. (Novoe v zhizni, nauke, tekhnike. VI Serlia Literatura i iskusstvo, no. 23)

BOOKS FOR CHILDREN see Children's literature

BOOKSELLERS AND BOOKSELLING

(see also subdivision under Kirov Province, Moscow, Pochinok, Gorkiy Province; Svecha, Kirov Province, Yaroslavl)

At our friends' stores. Sov. knizh. torg. 14 no 11 32-36 '62.

Attention and organization. Sov. knizh. torg. 14 no. 11 6-8 '62.

Conversation that should be continued. P. K. Sov. knizh. torg. 14 no. 11:9-10 '62.

The good name of the Soviet bookman. Nadezhda Skurikhina. Sov. knizh. torg. 14 no. 11:40 '62.

The Great October Revolution and culture. Sov. knizh. torg. 14 no. 11:1-2 '62.

In the struggle for the championship. A. Ozerskaia. Sov. knizh. torg. 14 no. 11 37-38 '62.

The principal way is by specialization. I. Shul'ga. Sov. knizh. torg. 14 no. 11:30-31 '62.

What agitates rural book suppliers. Sov. knizh. torg 14 no. 11:43-45 '62.

The year 1963. Sov. knizh. torg. 14 no. 11:11-14 '62.

BOOKSELLERS AND BOOKSELLING—BIBLIOGRAPHY see Bibliography—Booksellers and bookselling

BOOTS AND SHOES

Improving the waterproofing of boots made with [illegible] leather. M. M. Bernshtein. Nauch.-issl. inst. p. [illegible] no. 32:103-122 '60.

BOOTS AND SHOES, FELT

Physicomechanical action exerted on felt footwear [illegible] in the process of rubber sole fastening by vulcanization. V. I. Pimenov, P. I. Arkhipov, L. G. [illegible]. [illegible] issl. trudy TSNIKP no. 32:95-103 '60.

BORERS (INSECTS)—EXTERMINATION see subdivisions under Caucasus, Northern

BORIC ACID

Conductometric titration of the system H_3BO_3 - [illegible] - $MgSO_4$. Z. P. IAkusheva, G. V. IAn-shan-shan [Yang Shuo-hsiang]. Zhur. prikl. khim. 35 no. 10 2[illegible]-23 [illegible] O '62.

Formation of a pyrocatechol violet complex with boric acid [with summary in English]. L. I. Gerdin, [illegible] Silich. Zhur. anal. khim. 17 no. 7:802 806 [illegible] '62

BORING

(see also subdivision under Azerbaijan)

Calculation of loss of pressure in standard and slit holes. V. I. Molchanov, D. A. Leshchinv. [illegible] SNIIGGIMS no. 10:85-108 '60.

Ibragy, Sh. I. [Boring and blasting operations in [illegible] Burovzryvnye raboty na rudnikakh; pri prokhodke [illegible] botok. Alma-Ata, Kazakhskoe gos. izd-vo, 1963. 193 p.

[MICROFILM]

Mol'nikov, N. V., ed. [Handbook on drilling and blasting in construction] Spravochnik po burovzryvnym rabotam na stroitel'stvo. Moskva, Gosstroiizdat, 1962. 353 p.

Nesterov, P. G. [Driller] Buril'shchik. Kiev, Gostekhizdat USSR, 1962. 156 p.

[Technical methods and equipment for drilling deep wells] Tekhnika i tekhnologiia burenila glubokikh skvazhin; materialy respublikanskogo soveshchanila v g. Kuibyshevo. Moskva, Gostoptekhizdat, 1962. 278 p.

Using roller bits for the calibration of borehole walls. A. M. Abdul-zade, A. A. Shamsiev. Izv. AN Azerb. SSR. Ser. geol.-geog. nauk i nefti no. 3:105-109 '62.

Vibration boring of shallow wells for water supply. A. K. Tokarev. Vod. i san. tekh. no. 11:6-9 N '61

BORING—SAFETY MEASURES

Preventing fires and explosions in air drilling. V. M. Nikulin. Razved. i okh. nedr. 28 no. 11:49-50 N '62.

BORING MACHINERY

Attachments and devices for mobile drilling units. B. A. Kostin, A. A. Kiselev. Bezop. truda v prom. 6 no. 11: 28-30 D '62.

Il'skii, A. L. [Calculation and design of drilling equipment and tools] Raschet i konstruirovanie burovogo oborudovanila i instrumenta. Moskva, Gostoptekhizdat, 1962. 636 p.

Rubin, S.M., G.S. Bichutskii, and R.P. Brakengeimer. [Hydraulic mechanization in plant growing] Gidromekhanizatsiia v rastenievodstve. [Moskva] Mosk. rabochii, 1962. 26 p. (Ikh opyt dostupen vsem) (DNAL)

BORING MACHINERY—TESTING

Testing pin roller bits used in prospecting. I.I. Barabashkin, V.I. Volchkov, S.M. Razhev. Razved. i okh. nedr. 28 no. 11,26-30 N '62.

BORN, MAX, 1882-

Max Born; on his 80th birthday. IU.B. Rumer. Usp. fiz. nauk 78 no. 4:650-699 D '62

On the philosophic views of Max Born. S.G. Suvorov. Usp. fiz. nauk 78 no 4:699-700 D '62

BORNEO

Simonlia, N.A. ["The Island of a great river."] Ostrov bol'shoi reki Moskva, Izd-vo vostochnoi lit-ry, 1962 156 p

BORODINO, BATTLE OF, 1812

"Battle of Borodino" panorama. N.D. Mironov. Gor. khoz. Mosk. 36 no. 11:26-28 N '62.

Building for the "Battle of Borodino" panorama. Stroi. i arkhit. Mosk. 11 no. 11:24-25 N '62.

BORON

Diffusion distribution of boron in silicon. D.N. Mikhailova. Fiz. tver. tela 4 no. 10:2992-2994 O '62.

Effect of heavy doping on the fundamental absorption edge in silicon. G.B. Dubrovskii, V.K. Subashiev. Fiz. tver. tela 4 no. 11:3018-3026 N '62

BORON—ANALYSIS

Extraction-photometric determination of boron in beryllium oxide [with summary in English] Z.K. Karalova, A.A. Nemodruk. Zhur. anal. khim. 17 no. 6:985-989 N '62.

BORON ORGANIC COMPOUNDS

Transformations of boron cyclic compounds under the action of methyl borate. B.M. Mikhailov, L.S. Vasil'ev, E.N. Safonova. Dokl. AN SSSR 147 no. 3:630-633 N '62.

BORON-TITANIUM-CHROMIUM ALLOYS see Titanium-boron-chromium alloys

BOSPORUS, CIMMERIAN (KINGDOM) see Cimmerian Bosporus (Kingdom)

BOSTON—TUNNELING

Vehicular tunnel in Boston (from "Civil Engineering and Public Works Review," no. 664, 1961). I.S. Voitenko Transp. stroi. 12 no. 11:58-59 N '62.

BOTANICAL GARDENS see subdivision under Nikita (Crimea)

BOTANICAL RESEARCH see subdivision under White Russia

BOTANY see subdivision under Khanka Plain; Tarbagatay Range

BOTANY—ANATOMY

Characteristics of anatomical structure in the bent grass genus (Agrostis L.). R.T. Protasevich. Vestsi AN BSSR, Ser. biol. nav. no. 3:67-75 '62.

Materials on the anatomy of the tribe Salicornieae Dum. Report No. 1; Structural characteristics of Halocnemum strobilaceum (Pall.) M.B. R.G. Medvedva. Izv. AN Kazakh. SSR, Ser. bot. i pochv. no. 3:81-91 '62.

Nature of the cauliflower head and some characteristics of its anatomical structure. A.I. Klimova. Trudy po prikl. bot., gen. i sel. 34 no. 2 28-40 '61.

BOTANY—AUDIO-VISUAL AIDS

Dynamic model of self-pollination in a flax flower. S.A. Pavlovich. Biol. v shkole no. 4,96 Jl-Ag '62.

Model of a flax flower. I.V. Anashkin, V.V. Russov. Biol. v shkole no. 4:05-06 Jl-Ag '62.

Model of a winter cress flower. V.I. Sadovnikov. Biol. v shkole no. 4:94 Jl-Ag '02.

BOTANY—ECOLOGY

Longevity of some species of Cousinia Cass. and Arctium L. S.A. Paizieva. Bot. zhur. 47 no. 10:1517-1522 O '62.

BOTANY—ELECTROPHYSIOLOGY see Electrophysiology of plants

BOTANY—EMBRYOLOGY

Anatomic and morphological structure of the embryo and sprout of Cousinia umbrosa Bge. C. pseudoarctium Borm. and Arctium lelospermum Juz. [with summary in English]. S.A. Paizieva. Vest LGU 17 no. 21:148-153 '62.

BOTANY—MORPHOLOGY

Morphogenesis in beet [with summary in English]. V.T. Krasochkin, L.N. Kobozeva. Trudy po prikl. bot., gen. i sel. 34 no. 2:41-46 '61.

BOTANY—PHYSIOLOGY see Plant physiology

Fall excursion to a forest. I.G. Gavrilov. Biol. v shkole no. 4 38-42 Jl-Ag '62.

Independent work of students during the study of the topic "Variety of flowering plants." E.G. Kononova, N.I. Glukhikh. Biol. v shkole no. 4 28-32 Jl-Ag '62.

Laboratory work on the topic "General acquaintance with flowering plants." G.M. Murtazin. Biol. v shkole no. 4:32-37 Jl-Ag '62.

BOTANY—VARIATION

Changing the nature of fiber flax by late fall sowing [with summary in English] A.A. Slinin Trudy VNIIL no 5 25-32 '58

Studying the mechanism of recombination in Actinomyces rimosus [with summary in English]. S.Z. Mindlin, S.I. Alikhanian, L.I. Murav'eva. Mikrobiologiia 31 no. 3,443-446 My-Je '62.

BOTANY, ECONOMIC

[Biological control in agriculture; methods for determination, tables, and brief description of the phases of organogenesis in 50 plant species] Biologicheskii kontrol' v sel'skom khoziaistve, metodika opredeleniia, tablitsy i kratkoe opisanie etapov organogeneza 50 vidov rastenii. [Moskva] Izd-vo Mosk. univ., 1962. 273 p. (DNAL)

BOTANY, MEDICAL

(see also subdivision under Georgia)

Herbicides in the fields of medicinal plants. V.I. Bukin. Zashch. rast. ot vred. i bol. 7 no. 1 58 Ap '62.

BOTKIN, SERGEI PETROVICH, 1832-1889

Unpublished note of S.P. Botkin on the organization of hospitals and increasing the period of higher medical education. A.M. Geselevich. Klin. med. 40 no. 10: 142-145 O '62.

BOTRYTIS

Captan and phthalan in the control of the gray mold of strawberries N.M. Golyshin. Zashch. rast. ot vred. i bol 7 no 6,36-37 Je '62

BOTTLING

Producing fruit juices under sterile conditions by using a box-type container for bottling. IU.T. Zhuk. Nauch. trudy Ukr. nauch.-issl. inst. sad. no. 38:193-200 '62.

BOTULISM

Pathogenetic diagnosis and the therapy of botulism [with summary in English]. S.M. Minetvin Vrach delo no. 12:91-94 D '62.

Pathomorphological changes in rabbit organs under the action of botulism microbes and type A and B toxins [with summary in English]. E.A. Uspenskii Vrach. delo no. 12:95-101 D '62.

BOUNDARY LAYER

Calculating the thermal boundary layer in compressible gas flow [with summary in English]. L.M. Zysina-Molozhen. Inzh.-fiz. zhur. 5 no. 6:21-26 Je '62.

Local method of direct measurement of the velocity profile of the boundary layer of a nonuniformly heated plane plate [with summary in English]. Z.F. Slezenko. Inzh.-fiz. zhur. 5 no 10,47-52 O '62.

Speed and thermal boundary layers on an axisymmetric body rotating in an unlimited immovable medium L.A. Dorfman. Izv. AN SSSR, Otd. tekh. nauk. Mekh i mashinostr. no. 6:17-24 N-D '62.

BOUNDARY VALUE PROBLEMS

A boundary value problem. V.P. Mikhailov. Dokl. AN SSSR 147 no. 3:548-551 N '62.

A nonlinear boundary value problem in the theory of analytic functions involved in certain elastic-plastic problems. G.P. Cherepanov. Dokl. AN SSSR 147 no. 3:566-568 N '62.

On supplementary boundary conditions in the theory of additional electromagnetic waves in crystals [with summary in English]. S.I. Pekar, V.I. Suhakov. Ukr. fiz. zhur. 7 no. 11:1191-1194 N '62.

BOXING

Technique, tactics and methodology of teaching and improving various combinations in boxing. E.I. Ogurenkov. Teor. i prak. fiz. kult. 25 no 9:48-51 S '62

BOYARKA REGION—PINE

Effect of seeding times and quantity of precipitation on the growth of pine in the Boyarka Forest Working Circle. P.M. Mohalina'kyi. Nauk. pratsi lisohosp. fak. UASHN 16 no. 8:42-47 '60.

BRAIN

Absorption of glucose and pyruvate by the brain in its various functional states [with summary in English]. E.E. Mkheian, Vop. biokhim. 2:61-72 '61.

Changes in the activity of glucose-6-phosphate dehydrogenase and 6-phosphogluconic dehydrogenase in the brain in its various functional states [with summary in English]. G.S. Khachatrian, Vop. biokhim. 2:73-86 '61.

Effect of γ-aminobutyric acid on glucose absorption by the brain [in Armenian with summaries in Russian and English]. V.B. Eglan, Vop. biokhim. 2:29-37 '61.

Effect of unilateral extirpation of the superior cervical sympathetic ganglion on the absorption of glucose and pyruvate by the brain [with summary in English]. G.Kh. Buniatian, E.E. Mkheian, Vop. biokhim. 2:53-60 '61.

Experimental analysis of epileptic discharges occurring in electric stimulation of the hippocampus [with summary in English]. A.I. Shumilina, N.A. Ivanova Biul. eksp. biol. i med. 54 no. 11 3-7 N '62.

Intensity of the metabolism of separate phospholipide fractions in the brain (with summary in English) I.F. Dumitru Vest LGU 17 no. 21:94-105 '62

Model of phylogenic embryogenesis in the evolution of the brain G.Z. Levin Trudy Gos. nauch.-issl. psikhonevr inst 28:163-234 '62

N-acetyl-l-aspartic acid content of the brain in its various functional states [with summary in English] G.Kh. Buniatian, G.V. Aprikian. Vop. biokhim. 2:5-15 '61.

Role of N-acetyl-l-aspartic acid in the brain tissue [with summary in English]. G.Kh. Buniatian, V.S. Oganesian. Vop. biokhim. 2,17-28 '61.

Specific cerebral antigens and autosensitization against them in a series of mental diseases. K.N. Nazarov. Zhur. nevr. i psikh. 62 no. 8:1211-1218 Ag '62.

Variations in the stereotaxic coordinates of the rabbit brains. R.M. Meshcherskii, I.K. Khaetskii. Zhur. vys. nerv. deiat. 12 no. 1,186-190 Ja-F '62.

BRAIN—BLOOD SUPPLY

Age morphology of brain vessels in an angiographic visualization M.D. Gal'perin. Trudy Gos. nauch.-issl. psikhonevr. inst. 28,107-126 '62.

Cerebrovascular reflexes as a method for studying the functional state of the arterial and venous systems, preliminary report. G.V. Arkhangel'skii Trudy Gos. nauch.-issl. inst. psikh. 25 485-491 '61.

Methods of studying blood circulation in the brain under the conditions of a changed gravitational field [with summary in English]. IU.E. Moskalenko, R.M. Baevskii, O.G. Gazenko. Probl. kosm. biol. 1 400-404 '62.

Morphological characteristics of the vessels in glial brain tumors [with summary in English]. A.D. Dzevetina. Vrach. delo no. 12:55-64 D '62.

Rare variant of basilar artery. Sh.A. Khidroglulan. Trudy Gos. nauch.-issl. psikhonevr. inst. 28:103-106 '62

Variations of the branches of the middle cerebral artery in man. B.I. Shapiro. Trudy Gos. nauch.-issl. psikhonevr inst. 28:69-77 '62.

Variations of the posterior cerebral artery in man. Sh.A. Khidroglulan. Trudy Gos. nauch.-issl. psikhonevr inst 28:70-102 '62.

Variations of the topography of the anterior cerebral artery in man A.S. Iontov Trudy Gos. nauch.-issl. psikhonevr inst 28:45-65 '62

BRAIN—DISEASES

Effect of previous and concomitant pulmonary and cerebral diseases on the clinical course of hypertension [with summary in English]. N.V. Kalinina. Terap. arkh. no. 8 61-67 '62.

BRAIN—HEMORRHAGE

Clinical diagnosis of cerebellar hemorrhages and their surgical treatment [with summary in French]. D.K. Lunev, I.F. Nikolaeva Zhur. nevr. i psikh. 62 no. 8: 1167-1171 Ag '62.

Pathogenesis of cerebral hemorrhages of varying etiology. G.IA. Liberzon. Trudy Gos. nauch.-issl. inst. psikh. 25:631-642 '61.

Surgical treatment of hemorrhages into the brain; a survey of the literature. L.S. Soskin. Klin. med. 40 no. 10:17-25 O '62.

BRAIN—INFLAMMATION see Encephalitis

BRAIN—SYPHILIS

Differential diagnosis of syphilitic and atherosclerotic parkinsonism. G.A. Meshanova, A.U. Umankulov. Trudy Gos. nauch.-issl. inst. psikh. 25:157-166 '61.

BRAIN—TUMORS

Morphological characteristics of the vessels in glial brain tumors [with summary in English]. A.D. Dzevetina. Vrach. delo no. 12:55-64 D '62.

BRAIN—WOUNDS AND INJURIES

Agrypnotic syndrome in vascular and traumatic diseases of the brain and neuroses and the change in it under the influence of electrosleep. E.I. Kulikova (Lebedinskaia). Trudy Gos. nauch.-issl. inst. psikh. 25 763-778 '61.

Complications with the local use of penicillin for treating brain wounds. G.I. Volkov. Antibiotiki 7 no. 9: 839-840 S '62.

Conference on the problems of craniocerebral trauma. I.M. Grigorovskii. Khirurgiia 38 no. 10:147-149 O '62.

Disorder of vascular tonus in traumatic vasopathy. M.P. Bazarova. Trudy Gos. nauch.-issl. inst. psikh. 25:779-786 '61.

Meteorotropic reactions in atherosclerosis of the vessels of the brain, neuroses and traumatic encephalopathies. E.I. Kulikova (Lebedinskaia). Trudy Gos. nauch.-issl. inst. psikh. 25:745-752 '61.

Morphological changes in the blood picture in closed cranial trauma. M. K. Maksunova. Zdrav. Tadzh. 9 no. 5 45-47 '62.

Recovery of speech after brain damage. Report No. 4. Recovery of writing ability after damage to the temporal lobe of the left cerebral hemisphere. L. S. TSvetkova. Dokl. APN 6 no. 4 123-127 '62.

Some clinical characteristics of initial atherosclerosis in patients who have suffered contusion of the brain. K. A. Bobkova, V. V. Gromova. Trudy Gos. nauch.-issl. inst. psikh. 25:23-35 '61.

BRANDY see subdivision under Khanlar

BRASS—TESTING

Effect of mercury on the strength of brass. F. P. IAnchishin, G. G. Maksimovich. Nauch. zap. IMA AN URSR Ser. mashinoved. 9 37-40 '62.

Strength of dezincified brasses subjected to alternating stretching. G. G. Maksimovich, S. V. Nagirnyi. Nauch. zap. IMA AN URSR. Ser. mashinoved. 9:72-76 '62.

BRASSICACEAE—DISEASES AND PESTS see subdivision under Karelia

BRATSK—COMMUNITY CENTERS

On my heart. Boris Kostiukovskii. Sov. profsoiuzy 18 no. 23:34-35 D '62.

BRATSK HYDROELECTRIC POWER STATION

Shchegolev, G. S. [The largest hydroelectric power station in the world] Samaia moshchnaia v mire Moskva, Izd-vo "Znanie," 1962, 15 p. (Novoe v zhizni, nauke, tekhnike IV Seriia' Tekhnika, no. 20)

BRATSK RESERVOIR

Experience in preparing the reservoir of the Bratsk Hydroelectric Power Station. I. P. Kukushkin. Gidr. stroi. 33 no. 10 11-13 O '62.

BREAKDOWN, ELECTRIC

Breakdown voltage of solid dielectrics as dependent on thickness in the range of low thickness values. A. A. Vorob'ev, G. A. Vorob'ev, L. T. Murashko. Izv. vys. ucheb. zav., fiz. no. 5 174 '62.

Progress of breakdown in semiconductors with time. V. A. Chuenkov, Chen' Ke-min [Ch'en K'o-ming]. Fiz. tver. tela 4 no. 11:3054-3064 N '62.

BREAKWATERS see subdivision under St. Lawrence River

BREAST—CANCER

Two cases of diabetes insipidus following cancer of the mammary gland. D. M. Akhmedov. Zdrav. Tadzh. 9 no. 5:53-54 '62.

BRECCIA see subdivision under Pechora Valley

BRECHT, BERTOLT, 1898-1956

"Brecht" by B. Raikh. Reviewed by IU. Borev. Vop. lit. 6 no. 11:237-239 N '62.

"Good man from Sezuan," B. Zingerman. Teatr. 23 no. 11:107-110 N '62.

BREST PROVINCE—ECONOMIC GEOGRAPHY

Akinchits, A. S. [Brest Province; geographical study] Brestskaia oblast'; geograficheskii ocherk. Minsk, Izd-vo M-va vysshego, srednego spetsial'nogo i professional'nogo obrazovaniia BSSR, 1962. 143 p. (Oblasti Belorusskoi SSR)

BRICK INDUSTRY see subdivision under Belaya Tserkov' District

BRICK WALLS

Vibration molding of large brick articles. P. Kovalevskii. Sel'. stroi. no. 11:14 N '62.

BRICKLAYING—PRICES

Russia (1923- U.S.S.R.) Gosudarstvennyi komitet po delam stroitel'stva. [Collection No. 25 of standardized regional unit rates for refractory bricklaying for industrial furnaces and stacks. Price-list average, regional estimate prices for refractory materials and products. Approved and put into effect as of January 1, 1962] Sbornik No. 25 edinykh raionnykh edinichnykh rastsenok na ogneupornuiu kladku promyshlennykh pechei i trub. TSennik srednikh raionnykh smetnykh tsen na ogneupornye materialy i izdeliia. Utverzhden... i vveden v deistvie s 1 ianvaria 1962 g. Moskva, Metallurgizdat, 1962. 287 p.

BRICKMAKING

Firing brick with liquid fuel. V. Ermolaev. Sel'. stroi. 16 no. 2:17-18 F '62.

BRIDGE CIRCUITS

Design and regraduation of measuring circuits of automatic bridges. T'ao Li-teng. Priborostroenie no. 11, 8-9 N '62.

(see also subdivision under Krasnoyarsk)

[illegible]

verted in accordance with the price scale introduced on 1-1-1961] Sbornik norm vremeni i rastsenok na dorozhnye raboty. Rastsenki pereschitany tekhodia iz masshtaba tsen, vvedennogo s 1/I 1961 g. Moskva, Avtotransizdat

Pt 2 [Construction and repair of highway bridges and conduits] Stroitel'stvo i remont avtodorozhnykh mostov i trub. 1962. 463 p.

Sealing 43.2 m. composite beams with fine seams. IU. M. Mitrofanov. Transp. stroi. 12 no. 10 41-43 O '62.

Using removable cofferdams in the construction of footing grillage. A. A. Baev. Transp. stroi. 12 no. 10 16-19 O '62.

Ways to lower the labor input and cost of building precast reinforced concrete bridges. V. P. Kamentsev. Transp. stroi. 12 no. 10 30-33 O '62.

BRIDGE CONSTRUCTION—COSTS

Technical and economic indices for comparing bridges with underwater tunnels. D. I. Dzhincharadze. Trudy GPI [Gruz.] no. 5:31-40 '61.

BRIDGES—FOUNDATIONS AND PIERS

Abutments with lower transverse cantilevers. K. V. Samokhvalov. Trudy GPI [Gruz.] no. 5, 97-101 '61.

An answer. A. S. Kanantian and E. P. Kriukov. A. A. Luga. Osn., fund. i mekh. grun. 4 no. 5:26-27 '62.

Construction of bridge footings made of reinforced concrete shells in deposits of gravel and boulders. M. IA. Shklovskii and others. Transp. stroi. 12 no. 11:23-25 N '62.

Determining stresses in radial sections of the shells of columnar foundations. E. P. Kriukov, G. S. Shpiro. Transp. stroi. 12 no. 11:41-17 N '62.

Precast reinforced concrete footings for medium-sized and large bridges. Z. V. TSagareli. Trudy GPI [Gruz.] no. 5:123-128 '61.

BRIDGES, CONCRETE

(see also subdivision under Kiev; Moscow)

Assembly of precast reinforced concrete arches from the ice. D. M. Merkulov, G. M. Merkulova. Transp. stroi. 12 no. 10 20-21 O '62.

Bridges in the modern city. B. Nadezhin. Arkhit. SSSR no. 11:21-24 '62.

Bridges shorten the distance. M. H. Bonder. Znan. ta. pratsia no. 8:5-6 Ag '62.

Loop joints in flexible slabs of precast reinforced concrete bridges. IU. L. Mel'nikov. Transp. stroi. 12 no. 11:49-51 N '62.

Unit production-line technique for the manufacture of bridge spans. I. IU. Barenholm, E. P. Dubrova. Transp. stroi. 12 no. 11:19-23 N '62.

BRILLOUIN ZONES

Electrons in metals; introduction to the theory of Fermi surfaces. Part 2. Bands and zones [translated from the English]. J. M. Ziman. Usp. fiz. nauk 78 no. 4:679-693 D '62.

BRINING see Salting of food

BRIQUETS (FUEL)

Use of briquetting in the manufacture of metallurgical fuel. B. M. Ravich. Koks i khim. no. 11:21-25 '62.

BRITISH CHANNEL—RULE OF THE ROAD AT SEA

Regulating navigation on the sea routes of Northwestern Europe. V. Taratynov. Mor. flot 22 no. 12:23-25 D '62.

BROAD BEAN

[Forage beans] Kormovye boby; sbornik statei. Moskva, Sel'khozizdat, 1962. 318 p. (DNAL)

Physiology and biochemistry of the development of seeds in forage beans [with summary in English]. S. Grzesiuk, T. Mierzwinska, E. Sojka. Fiziol. rast. 9 no. 6:682-692 '62.

BROD, IGNATII OSIPOVICH, 1902-1962

Ignatii Osipovich Brod, obituary. Geol. zhur. 22 no. 5:114-115 '62.

BRODSKAIA, LIDIIA ISAAKOVNA, 1910-

Abramova, A. V. Lidiia Isaakovna Brodskaia. Leningrad, Khudozhnik RSFSR, 1962. 44 p. illus., col. plates. (MH)

BROILERS (POULTRY)

[Raising broilers abroad; collection of translations from foreign periodical literature] Proizvodstvo broilerov za rubezhom; sbornik perevodov iz inostrannoi periodicheskoi literatury. Pod red. i s predisl. E. O. Penionzhkevicha. Moskva, Sel'khozizdat, 1962. 306 p. (DNAL)

Sterically hindered phenols. Report No. 7: Mechanism of the formation of bromoquinone compounds. V. V. Ershov, A. A. Volod'kin. Izv. AN SSSR. Otd. khim. nauk no. 11: 2015-2022 N '62.

Sterically hindered phenols. Report No. 8: Formation of cyclohexadienones in the bromination of 2, 6-dialkylphenols. A. A. Volod'kin, V. V. Ershov. Izv. AN SSSR. Otd. khim. nauk no. 11:2022-2028 N '62.

BROMINE

Neural regulation of the bromine level in the blood at various stages of the rheumatic process in children [with summary in English]. A. A. Volkova. Zhurn. nevr. deist. 12 no. 1:74-81 Ja-F '62.

BROMOFORM

Infrared dispersion of liquid bromoform in the 650 to 900 cm^{-1} region. IU. P. TSiashchenko. Ukr. fiz. zhur. 7 no. 9:1021-1023 S '62.

BROMOPHENOL BLUE

Modified method for staining electrophoretograms with bromophenol blue. V. B. Broide. Lab. delo 8 no. 5: 36-37 My '62.

BRONCHI—CANCER

Chronic pneumonitis and bronchial cancer [with summary in English]. M. A. Ziv, K. A. Pavlov. Vest. khir. 89 no. 9:20-21 S '62.

Difficulties in the timely diagnosis of bronchial cancer [with summary in English]. V. I. Ivanov. Vest. khir. 89 no. 9:15-20 S '62.

BRONCHI—DISEASES

Repeated bronchial node perforations in chronic cheesy adenitis in adults [with summary in French]. N. D. mitrescu, O. Bercea. Probl. tub. no. 7:29-33 '62.

BRONCHI—INNERVATION

Structure and distribution of the nervous apparatus in the human trachea and bronchi. R. A. Askerov. Izv. AN Azerb. SSR. Ser. biol. i med. nauk no. 8:109-114 '62.

BRONCHI—RADIOGRAPHY

State of the bronchi in primary tuberculosis in children [with summary in French]. G. A. Nelubina. Probl. tub. no. 7:24-29 '62.

BRONCHITIS

Sinobronchitis and sinopneumopathies in infants [with summary in English]. A. K. Svetlova and others. Pediatriia 41 no. 9:19-24 S '62.

BRONCHOSCOPY

Bronchoscopy through an intubation tube. G. I. Ba[illegible]. Khirurgiia 38 no. 10:131-135 O '62.

General anesthesia in bronchoscopy in children [with summary in English]. G. L. Feofilov, S. V. K[illegible]. Pediatriia 41 no. 9:62-65 S '62.

State of the bronchi in primary tuberculosis in children [with summary in French]. G. A. Nelubina. Probl. tub. no. 7:24-29 '62.

BRONZE AGE

(see also subdivision under Argun Valley, Dnieper Valley; Dombarovskiy District)

Work of the sections of the Institute of Archaeology of the Academy of Sciences of the U.S.S.R. V. I. Mark[illegible], IU. S. Grishin. Krat. soob. inst. arkheol. no. 88:102-111 '62.

BRONZED SKIN see Addison's disease

BROOMRAPE

Method of selecting broomrape-resistant sunflowers. V. F. Kukin. Zashch. rast. ot vred. i bol. 7 no. 8:27 Ag '62.

BRUCELLOSIS

The most important stages and results of the study of human brucellosis abroad and in the U.S.S.R. [on the 100th anniversary of the clinical differentiation of brucellosis as a new human disease]. P. F. Zdrodovskii. Vest. AMN SSSR 17 no. 9:68-68 '62.

Rementsova, M. M. [Brucellosis in wild animals] Brutsellez dikikh zhivotnykh. Pod red. I. G. Galai. Alma-Ata, Izd-vo Akad. nauk Kazakhskoi SSR, 1962. 254 p. (DNLM)

Use of aminazine under electroencephalographic control in the treatment of brucellosis. S. Zh. Tleulin. Zdrav. Kazakh. 22 no. 3:18-21 '62.

BRUCITE—TOXICOLOGY

Changes in the lungs following the administration of brucite dust. O. V. Klier, V. N. Karacharova. Gig. truda i prof. zab. 6 no. 6:44-46 Je '62.

BRUNEI—POLITICS AND GOVERNMENT

Revolt in Brunei. D. Vol'skii. Nov. vrem. 38 no. 50 20 D '62.

BRUSSELS—PUPPETS AND PUPPET PLAYS

Theater of Toon the Sixth in Brussels. F. Sperantskii. Teatr. 23 no. 11:190-191 N '62.

Editor's mailbox. Mol mira no. 5/6·32 '62.

BRYANSK—FINES (PENALTIES)

"This lawbreaker must be fined." N Serkov, I. Kaolan. Sov. deput. trud. no. 12:79-80 D '62.

BRYANSK PROVINCE—FEEDS

Producing vitamin meal in a mobile unit V. Nikolaiuk. Les khoz 15 no 7·73-75 Jl '62

BUCKWHEAT

Nature of bound amino acids in the bleeding sap of buckwheat. E. S. Avundzhian. Fiziol rast. 9 no. 6·730-733 '62.

BUDAPEST—OPERETTA

Here they dance V. Gaevskii. Teatr 23 no. 11:176-179 N '62.

New musical theater of Hungary Lajos Lenkey Teatr 23 no. 11:185 N '62.

BUDGET

[Laws on the budget rights of the U. S. S. R., Union and Autonomous Republics and local soviets of workers' deputies] Zakony o biudzhetnykh pravakh Soiuza SSR, soiuznykh i avtonomnykh respublik i mestnykh Sovetov deputatov trudiashchikhsia. Moskva, Gosfinizdat, 1962 366 p

BUDS

Rate and rhythm of the formation of vegetative bud elements in some Andromedoideae (Ericale) E. Busch [with summary in English]. N V. Shilova. Vest LGU 17 no. 21:23-30 '62.

BUG, SOUTHERN see Southern Bug River

BUILDING

Azriliant, IA. M., and L. B. Arsen'ov [For young builders] Molodym stroiteliam. Izd-2., perer. i dop. Moskva, Profizdat, 1962. 307 p

Calculating the temperature field in a multilayer wall. L. P. Zhuk Inzh. - fiz. zhur. 5 no 10 100-103 O '62.

Concerning B. I. Filippov's article, "Preparation of engineers for assembly organizations." L. E. Khaikin. Mont. i spets. rab. v stroi. 24 no. 12:22 D '62.

Heat transfer calculations in construction engineering. E. S. Slobodkina. Inzh. - fiz zhur. 5 no 10 97-99 O '62.

Il'ichev, A. S., A. D. Kokin, and I. S. Rebortovich. [Principles of construction] Osnovy stroitel'nogo dela. Izd. 2., perer. i dop. Moskva, Profizdat, 1962. 508 p.

Ivanov, V. F., and others. [The history of building practices] Istoriia stroitel'noi tekhniki. [By] N. N. Aistov i dr. Pod obshchei red. V. F. Ivanova. Leningrad, Gosstroiizdat, 1962. 560 p.

Measuring the temperatures of white and black surfaces of various orientations. A. A Tsvid Inzh - fiz.zhur 5 no 10 118-124 O '62

More attention to riverside engineering and building. B. Egorov. Rech. transp. 21 no. 12:33-35 D '62.

Temperature field of a multilayer wall A G Temkin. Inzh - fiz. zhur. 5 no 10 101-117 O '62

BUILDING—ACCIDENTS

Gapeev, V. N. [Dissemination of information on accident prevention in construction. Recording and analysis of accidents] Propaganda tekhniki bezopasnosti na stroitel'stve. Uchet i analiz travmatizma. Pod obshchei red. N. A Smirnova. Leningrad, 1962. 32 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Serila: Bibliotechka stroitelia po tekhnike bezopasnosti, no. 2)

Two cases of accidents in the construction of a large water conduit. M. G. Mamedaliev, E. S. Krongol'd, V. I. Tochilov. Vod. i san. tekh. no. 10:33-34 O '62.

BUILDING—BIBLIOGRAPHY see Bibliography—Building

BUILDING—COLD WEATHER CONDITIONS

"Designing buildings for regions of the Far North" by A. F Kushnev. Reviewed by N. A. TSytovich, V. F. Zhukov. Osn., fund. i mekh. grun. 4 no. 5 31 '62.

Sealing joints of panels under winter conditions. S. Mironov and others. Stroi. i arkhit. Mosk. 11 no. 11·12-15 N '62.

BUILDING—DETAILS

Determining maximum distances between expansion joints in panel structures A. Emel'ianov. Stroi i arkhit. Mosk. 11 no. 10 18-20 O '62

Effect of the quality of the assembling on the condition of the joints I. Shikunov Stroi. i arkhit. Mosk. 11 no. 10 15 O '62.

Joints of wall panels. M. Kamenkovich, IU. Rainovskii. Stroi. i arkhit Mosk. 11 no 12:10-12 D '62.

Monolithic joints of large-panel buildings. M. Feigin, G. Zaidman. Na stroi. Ros 3 no 8·36-37 Ag '62.

A multiplicity of design details hinders the construction of the plant. S. D. TSeitlin. Prom. stroi. no. 10:18-19 '62.

The problem of joints in large-panel construction. V. Nesterov. Arkhit. SSSR no. 11:36-41 '62.

Sealing joints of panels under winter conditions. S. Mironov, and others. Stroi. i arkhit. Mosk. 11 no. 11: 12-15 N '62.

Estimates and construction costs. Ekon stroi. no. 12: 54-55 D '62.

BUILDING—SAFETY MEASURES

Profsoiuz rabochikh stroitel'stva i promyshlennosti stroitel'nykh materialov. [Regulations on accident prevention and industrial hygiene in construction and assembly work] Sbornik pravil tekhniki bezopasnosti i proizvodstvennoi sanitarii pri proizvodstve stroitel'no-montazhnykh rabot. Moskva, Gosstroiizdat, 1961. 330 p.

Safe work methods. P. Kaminskii, V. Komarov. Stroitel' 8 no. 8:28-29 S '62.

BUILDING—TECHNOLOGICAL INNOVATIONS

(see also subdivision under Kostroma Province)

Efficiency promoters suggest.... Transp stroi 12 no. 11:57 N '62.

Efficiency suggestions. Sel'. stroi. no. 11·19 N '62.

In the Technical Council Transp stroi. 12 no. 11:64 N '62.

Jig for the assembly of wall slabs in large blocks N IAkubovskii, V Rusanov. Stroi truboprov 7 no 11 24-25 N '62

New developments in building techniques Sil' bud 12 no 11 22 N '62

BUILDING—TOOLS AND IMPLEMENTS

From the practice of the finishing worker. A. Pivanov. Stroitel' 8 no. 8.27 S '62.

Small machines for assembly work. A. M. Stikhovnin. Mekh stroi 19 no. 10 19-21 O '62

BUILDING, EARTHQUAKE-PROOF see Earthquakes and building

BUILDING, IRON AND STEEL

Livshits, L. S. [Welding steel alloys in assembly work in construction] Svarka legirovannykh stalei na montazhnykh rabotakh v stroitel'stve. Moskva, Gosstroiizdat, 1962. 191 p.

BUILDING, WOODEN

How to prolong the life of wooden houses V. Stanov. Sel' stroi 16 no 2 28 F '62

Sventsitskii, G. V. [Wooden structural elements; present state and prospects for development] Dereviannye konstruktsii; sostoianie i perspektivy razvitiia. Moskva, Gosstroiizdat, 1962. 114 p.

BUILDING AND LOAN ASSOCIATIONS

New phase in the development of cooperative residential building associations. S. Rozantsev. Sov. iust. no. 22. 4-5 N '62.

BUILDING MATERIALS

(see also subdivision under Kalinin Province; Kuznetsk Basin; Temkino)

Alizade, Z. I. [The principal open-hearth slags as a raw material for construction] Osnovnye martenovskie shlaki - stroitel'noe syr'e. Baku, Azernashr, 1961. 145 p.

Building materials from wood wastes with soluble glass. S Shishkin Sel' stroi. 16 no. 2.12-13 F '62.

Coated particle board, a new building material. A. Bykov, S. Labkovskii. Stroi. i arkhit. Mosk. 11 no. 11:30-32 N '62.

"Fiberglass building materials" by T. M. Barbarina, M. P. Sukhov, N. A. Sheludiakov. Reviewed by IA. A. Shkol'nikov, D. P. Kocharov. Stek. i ker. 19 no. 11:48 N '62.

Kirillova, L. I. [New building materials and architectural form] Novye stroitel'nye materialy i arkhitekturnaia forma. Moskva, Gosstroiizdat, 1962. 126 p.

Korsunskii, A. I., L. G. Levinskii, and B. A. Tibilov. [Structural plastics] Stroitel'nye plastiki. Leningrad, Gosstroiizdat, 1962, 128 p.

Manufacture of ceramic blocks and single-layer exterior reinforced ceramic slabs made of them. E. G. Pudovkin. Stroi. mat. 8 no. 11:24-26 N '62.

Mel'nikov, N. P., ed. [Handbook for the designer of industrial, residential and public buildings and structures; metal elements of industrial buildings and structures] Spravochnik proektirovshchika promyshlennykh, zhilykh i obshchestvennykh zdanii i sooruzhenii; metallicheskie konstruktsii promyshlennykh zdanii i sooruzhenii. Moskva, Gosstroiizdat, 1962, 618 p.

Nokhratian, K. A. [Drying and firing in the structural ceramics industry] Sushka i obzhig v promyshlennosti stroitel'noi keramiki. Moskva, Gosstroiizdat, 302 p.

Obtaining new materials made of gypsum-cement-pozzolan binding material and organic fiber on cylinders. G. S. Blokh and others. Stroi. mat. 8 no. 11:8-10 N '62.

The possibility of using asbestos-cement wastes for the production of large silicate blocks. E. I. Ved', V. A. Sviridov, L. E. Tereshchenko. Stroi. mat. 8 no. 11: 11-12 N '62.

Production of solid crystalline cast material from basic types of blast-furnace slag. V. M. Verbitskii and others. Stroi. mat. 8 no. 11:14-16 N '62.

BUILDING MATERIALS—CORROSION

Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut po stroitel'stvu. [Protection of building materials from corrosion] Zashchita stroitel'nykh konstruktsii ot korrozii. Moskva, Gosstroiizdat, 1962. 121 p.

Stendor, G. M., comp. [German-Russian dictionary on cement, concrete and reinforced concrete] Nemetsko-russkii slovar' po tsementu, betonu i zhelezobetonu Moskva, Gosstroiizdat, 1962. 377 p

BUILDING MATERIALS—PERMEABILITY

Mercury-impermeable structural materials M A. Matveev, B. I Kutsenok. Zhur. VKHO 7 no. 6 707-709 '62

BUILDING MATERIALS—TESTING

Chmyr', V. D. [Laboratory tests of building materials; for masons] Laboratornye raboty po lapydariiu stroitel'nykh materialov, dlia kamenshchikov. Moskva, Profizdat, 1962. 103 p.

BUILDING MATERIALS—THERMAL PROPERTIES

Kinetics of the initial heating of lightweight silicate concrete made with porous aggregates in the process of autoclave treatment. K E Gorlainov, T. F. Protsko. Stroi. mat. 8 no. 11 12-14 N '62.

BUILDING MATERIALS—TRANSPORTATION see subdivision under Moscow

BUILDING MATERIALS INDUSTRY

(see also subdivision under Kazakhstan, Moscow)

New equipment for making plastics into building products. P. P. Prikhodchenko. Stroi. mat. 8 no. 11 17-18 N '62.

On the path of steady development. I I. Lebed'. Stroi. mat. 8 no. 11 1-4 N '62.

BUILDING MATERIALS INDUSTRY—EQUIPMENT AND SUPPLIES

Sapozhnikov, M. IA. [Mechanical equipment for the production of building materials and products] Mekhanicheskoe oborudovanie dlia proizvodstva stroitel'nykh materialov i izdelii. Moskva, Mashgiz, 1962. 520 p.

BUILDING MATERIALS INDUSTRY—PERIODICALS

Readers' conference in Minsk. Stroi. mat. 8 no. 11· 40-3 of cover N '62.

BUILDING MATERIALS INDUSTRY—SAFETY MEASURES

Dzhalalian, E. S. [Booklet for a volunteer inspector of safety measures at enterprises of the building materials industry] Pamiatka dlia obshchestvennogo inspektora po okhrane truda na predpriiatiiakh promyshlennosti stroitel'nykh materialov. Moskva, Gosstroiizdat, 1962. 52 p. (Tekhnika bezopasnosti v promyshlennosti stroitel'nykh materialov)

BUILDING SITES

Creating construction surveying nets at industrial construction projects I. F. Bolgov. Prom. stroi 40 no. 11.46-49 '62.

Geodetic services for construction of an industrial complex. T S Danilenko. Prom stroi. 40 no. 11: 49-53 '62.

Russia (1923- U. S. S. R.) Gosudarstvennyi komitet po delam stroitel'stva. [General regulations SN 210-62 relating to the instructions on engineering surveys for basic types of construction] Obshchie polozheniia k instruktsiiam po inzhenernym izyskaniiam dlia osnovnykh vidov stroitel'stva (SN 210-62). Moskva, Gosstroiizdat, 1962. 8 p.

Russia (1923- U. S. S. R.) Gosudarstvennyi komitet po delam stroitel'stva. [Instructions SN 211-62 for engineering surveys for city and village construction] Instruktsiia po inzhenernym izyskaniiam dlia gorodskogo i poselkovogo stroitel'stva (SN 211-62). Moskva, Gosstroiizdat, 1962. 119 p.

R [illegible]

geodezhicheskim rabotam dlia gorodskogo, poselkovogo i promyshlennogo stroitel'stva (SN 212-62). Moskva, Gosstroiizdat, 1962. 99 p.

"Surveying and staking operations in industrial and civil engineering" by P. I. Poltakov, L. U. Selikov, S. I. Shchirin; "Principles of surveying for construction and assembly work" by M. M. Livanov. Reviewed by V. N. Garishin. Geod. i kart. no. 11:69-74 N '62.

Using maps at 1:10, 000 and 1:25, 000 scales as bases for projecting linear structures. D. M. Ivanov. Geod. i kart. no. 4:50-52 Ap '62.

BUILDING STONES

(see also subdivision under Crimea)

Armianskii nauchno-issledovatel'skii institut stroitel'nykh materialov i sooruzhenii. [Production of natural stone wall materials and lightweight aggregates] Proizvodstvo prirodnykh kamennykh stenovykh materialov i legkikh zapolnitelei; sostoianie i perspektivy razvitiia. Moskva, Gosstroiizdat, 1962. 211 p.

BUILDING TRADES

Training of volunteer inspectors. IA. Sizemov. Prof.-tekh. obr. 19 no. 7:31 Jl '62.

(see also subdivision under Novokuznetsk)

Moldavian S.S.R. Ministerstvo prosveshchenila. [Programs for secondary schools with industrial training, building specialities] Programmy srednei shkoly s proizvodstvennym obucheniem; stroitel'nye spetsial'nosti. Kishinev, Kartia moldovenieske, 1962. 132 p.

They write to us. K. S. Minlibaev, D. D. Zdorenko. Transp stroi 12 no 10 62 O '62

BUILDINGS—REPAIR AND RECONSTRUCTION

New electrophysical devices for the structural testing of buildings. N. I Kostiakov, V. A. Morozov. Gor. khoz. Mosk. 36 no. 10:44-45 O '62.

Portable combined stand and workbench. IA. Mednis. Zhil -kom khoz. 12 no. 6 22 Je '62

BUILDINGS, PREFABRICATED

Assembly of apartment houses without cranes. G. Serostanov. Stroi. i arkhit 10 no 11:22-23 N '62

Bliuger, F. G., and A. A. Gagarina. [Testing and calculations of three-dimensional elements for apartment houses] Ispytaniia i raschet ob"emnykh elementov zhilykh zdanii. Moskva, Gosstroiizdat, 1962. 74 p.

Finishing operations performed in shops of building plants. S Ivanov, A Ruderman. Stroi i arkhit. Mosk. 11 no 1 10-13 Ja '62.

In the interests of the development of completely prefabricated buildings. Stroi i arkhit Mosk 11 no 12 2-9 D '62

Model K-7 houses built of three-dimensional elements L London. Stroi i arkhit Mosk 11 no 1 34-36 Ja '62

On the production lines E. Samodaev. Stroi i arkhit Mosk 11 no 10 2-7 O '62

Perfecting a system of tolerances for completely prefabricated building. A. Brengauz. Stroi. i arkhit. Mosk. 11 no. 11 20-21 N '62.

Raise the quality of assembly equipment for completely prefabricated buildings Z. Kagan Stroi i arkhit Mosk 11 no. 10 16-17 O '62

Shaburnikov, V. N. [Construction of apartment houses from large three-dimensional elements] Krupnoob"emnoe domostroenie; iz opyta proektirovaniia i stroitel'stva v SSSR. [Cheliabinsk] Cheliabinskoe knizhnoe izd-vo, 1961. 158 p.

BUKHARA PROVINCE—POPULATION

Kovalev, S. A. [Geography of the rural population and rural settlements in Samarkand and Bukhara Provinces] Geografiia sel'skogo naseleniia i sel'skikh naselennykh punktov Samarkandskoi i Bukharskoi oblastei. Tashkent, Izd-vo Akad. nauk UzSSR, 1962. 182 p. (DBC)

BUKHARA PROVINCE—STONE IMPLEMENTS

Functional determination of the stone implements from the Kyzylkyr neolithic site. M. R Kasymov, G. A Korobkova. Obshchestv. nauki v Uz 6 no. 10 62-66 '62.

BUKOVINA—CATHOLIC CHURCH

Ecclesiastic oppressors. V. Dobrzhans'kyi, E. Androsiuk. Volov. ateist no. 9:54-57 S '62.

BUKOVINA—DAIRY WORKERS—DISEASES AND HYGIENE

Experience in organizing mass prophylaxis and treatment for occupational diseases of the hands of milkmaids on the collective farms of Chernovtsy Province. E. M. Tul'chinskii. Sov. zdrav. 21 no. 12:17-23 '62.

BUKOVINA—RADIO JOURNALISM

A radio newspaper. V. Honcharuk. Volov. ateist no. 11. 45 N '62.

BUKOVINA—SEVENTH-DAY ADVENTISTS

They are not right in their faith. O. Miriuka. Volov. ateist no. 9:18-19 S '62.

BUKOVINA—SOCIAL LIFE AND CUSTOMS

A glorious New Year. I. Serediuk. Volov. ateist 3 no. 12:18-19 D '62.

BULGARIA—AGRICULTURE

In the Bulgarian People's Republic. Zemledelie 24 no. 7:87-88 Jl '62.

BULGARIA—BALLET

Voices of a new life. E. Grosheva. Sov. muz. 26 no. 10: 110-122 O '62.

BULGARIA—COMMERCE

Sergeev, S. D., and A. F. Dobrokhotov. [The People's Republic of Bulgaria; its economy and foreign trade] Narodnaia Respublika Bolgariia; ekonomika i vneshniaia torgovlia. Moskva, Vneshtorgizdat, 1962. 271 p.

BULGARIA—COMMUNIST PARTY

"Report of the Central Committee of the Bulgarian Communist Party to its Eighth Congress" by Todor Zhivkov. Translated from the Bulgarian. Reviewed by S. Morkovnikov. Kommunist 39 no. 1:122-126 Ja '63.

BULGARIA—COMMUNIST PARTY—CONGRESSES

The glorious future of the Bulgarian people. V. Kirsanov. Part. zhizn' no. 23:63-69 D '62.

Amendments of the criminal procedure code in the People's Republic of Bulgaria IA. Grobovenko Sov just no 10:18-19 My '62

BULGARIA—ECONOMIC CONDITIONS

"Report of the Central Committee of the Bulgarian Communist Party to its Eighth Congress" by Todor Zhivkov. Translated from the Bulgarian. Reviewed by S. Morkovnikov. Kommunist 39 no. 1:122-126 Ja '63.

Sergeev, S. D., and A. F. Dobrokhotov. [The People's Republic of Bulgaria, its economy and foreign trade] Narodnaia Respublika Bolgariia; ekonomika i vneshniaia torgovlia. Moskva, Vneshtorgizdat, 1962. 271 p.

BULGARIA—ECONOMIC POLICY

The glorious future of the Bulgarian people. V. Kirsanov Part zhizn' no 23 63-69 D '62

BULGARIA—EDUCATION—CONGRESSES

First Congress of the Teachers of Bulgaria. V. Belikin, Prof. -tekh. obr. 19 no. 8 29-31 Ag '62.

BULGARIA—FOREST MANAGEMENT

"Organization and planning in forest management" [in Bulgarian] by Khristo Strakov. Reviewed by T. A. Kislova. Izv. vys. ucheb. zav., les. zhur. 4 no. 5:173-174 '61.

BULGARIA—HELMINTHOLOGY

Complex measures for controlling helminthiases of man and farm animals in the Bulgarian People's Republic. K. I. Skriabin, N. P. Shikhobalova. Trudy Gel'm. lab. 11:234-241 '61.

BULGARIA—HISTORY

Zhebokritskii, V. A. [Bulgaria during the Balkan Wars, 1912-1913] Bolgariia vo vremia Balkanskikh voin 1912-1913 gg. [Kiev] Kievskii gos. univ., 1961. 298 p. (CSt-H) (CU)

BULGARIA—LABOR AND LABORING CLASSES

"Early history of the labor and trade-union movement in Bulgaria, 1878-1891" [in Bulgarian] by K. Lambrev. Reviewed by S. Sh. Grinberg. Vop. ist. no. 11:170-172 N '62.

BULGARIA—OPERA

[Opera in Bulgaria] Opera v Bolgarii. Sofia, Izd-vo lit-ry na inostr. iazykakh, 1962. 1 v. (chiefly illus.)

Voices of a new life. E. Grosheva. Sov. muz. 26 no. 10: 110-122 O '62.

BULGARIA—POLITICS AND GOVERNMENT

Public participation in the work of the people's councils in Bulgaria. B. Spasov. Sov. deput. trud. no. 11:100-105 N '62.

BULGARIA—RELATIONS (GENERAL) WITH RUSSIA

Fruits of friendship. Kiril Petkov. Sov. pech. no. 11: 58-59 N '62.

BULGARIA—SHIPBUILDING

Visiting with Bulgarian shipbuilders and ship repair workers. A. Gordeev. Mor. flot 22 no. 12:42 D '62.

BULGARIA—TRADE UNIONS

"Early history of the labor and trade-union movement in Bulgaria, 1878-1891" [in Bulgarian] by K. Lambrev. Reviewed by S. Sh. Grinberg. Vop. ist. no. 11:170-172 N '62.

BULGARIA—WOODWORKING INDUSTRIES

The woodworking industry of the Bulgarian People's Republic. P. Dochev. Der. prom. 11 no. 11:28-30 N '62.

BULGARIAN AUTHORS see Authors, Bulgarian

BULGARIAN LITERATURE—PERIODICALS

"Literaturna mis' l," nos. 3, 4, 1962. Vop. lit. no. 11: 240 N '62.

BULLDOZERS

Degtiarev, A. P., and others. [Bulldozer work] Bul'dozernye raboty. Pod red. A. P. Degtiareva. Moskva, Gosstroiizdat, 1962. 212 p. (Serlia posobii po povyshseniiu masterstva stroitelei)

Using bulldozers on the Bukhara -Ural Mountain region route V. I. Klimov. Stroi. truboprov. 7 no 11:15-17 N '62.

BUNIN, IVAN ALEKSEEVICH, 1870-1953

Il'in, I. A. [The dark and the light; a book of literary criticism: Bunin, Remizov, and Shmelev] O t'me i prosvetlenii; kniga khudozhestvennoi kritiki: Bunin, Remizov, Shmelev. Munich [Tip. Obiteli prep. Iova Pochaevskago], 1959. 196 p. (IEN)

BUNT (DISEASE OF WHEAT) see Smuts

BURDOCK

Longevity of some species of Cousinia Cass. and Arctium L. S. A. Paizieva. Bot. zhur. 47 no. 10:1517-1522 O '62.

BURMA—YOUTH

Editor's mailbox. Mol. mira no. 5/6:32 '62.

Bacteremia as one of the pathogenetic factors in [illegible] disease [with summary in English] A M [illegible] and others Khirurgiia 38 no. 10 11-16 O '62

Beware of burns! IA. Dubrov. Sel'. mokh no. 10:19 '62.

Case of the plastic formation of an artificial esophagus from the large intestine in simultaneous burns of the esophagus and stomach M. P. Pavlovskii Khirurgiia 38 no. 10:116-117 O '62

Cicatricial contracture following burns of the neck and shoulders. N. E Povetkina. Khirurgiia 38 no 10 117-119 O '62.

Clinical aspects, treatment and prevention of burn cachexia [with summary in English] V [illegible] Khirurgiia 38 no 10:15-22 O '62

Clinical pathology of the internal organs in burn disease [with summary in English]. L. M. Klinchkin Klin. med. 40 no. 10:26-33 O '62.

Errors in the treatment of burn patients [with summary in English]. A. A Vishnevskii, M. I Shraibman, M I Dolgina. Khirurgiia 38 no 10:8-11 O '62

Prevention and treatment of burns. D. M. [illegible] Khirurgiia 38 no 10:32-34 O '62.

Role of the piperidin test in evaluating the [illegible] reaction to burn trauma [with summary in English] R. I. Murazian, I. L. Cheitkov. Klin. med. 40 no. 1 33-35 O '62.

Use of BF glue during the postoperative period in the treatment of microtraumas, burns and frostbite [with summary in English] B. V. Chaiterushkin, A A Avdykovich. Khirurgiia 38 no 10:20-28 O '62

BURYAT FOLKLORE see Folklore, Buryat

BURYAT-MONGOLIA—FARM MECHANIZATION

Army of agricultural innovators awaits commissars N. Blinov. Izobr. i rats. no. 11 26 N '62

BURYAT-MONGOLIA—FISH CULTURE

Present state and future development of [illegible] in Irkutsk Province and the Buryat A.S.S.R. S. G. Egorov. Trudy sov. ikht. kom. no. 14:142-153 '62.

BURYAT-MONGOLIA—HISTORY

Zateev, V. I. [Formation and development of the Buryat socialist nation] Formirovanie i stanovlenie buriatskoi sotsialisticheskoi natsii. Ulan-Ude, Buriatskoe knizhnoe izd-vo, 1961. 193 p.

BUS CONDUCTORS (ELECTRICITY)

Installing heavy busbars in aluminum electrolysis shops M. O. Shikhter, D. M Simonov Mont. i spets. rab. v stroi 24 no. 11:10-12 N '62.

BUS CONDUCTORS (ELECTRICITY)—WELDING

Semiautomatic argon-arc welding of aluminum busbars by means of a consumable electrode. [illegible] V. S. Karpov. Svar. proizv. no. 12. 20-22 D '62.

BUSHTINA REGION—BEECH

Valuable beech forest. N N. Barna. Les. kh-vo 15 no 10:70-80 O '62.

BUSINESS—FORMS, BLANKS, ETC.

Tarbeev, A. A. [Book of completed blanks and documents for November and December for the continuing operations of the "Agricultural Machinery Plant."] Al'bom zapolnennykh blankov, dokumentov za noiabr' i dekabr' k skvoznoi zadache "Zavod Sel'mash." Moskva, Gosstatizdat, 1962. 243 p.

BUSINESS CYCLES

Bourgeois technological theories of crises. [illegible] Mir. ekon. i mezhdunar. otn. no. 12:49-58 D '62.

Varga, E. S. [Modern capitalism and economic crises] Sovremennyi kapitalizm i ekonomicheskie krizisy. Izbrannye trudy. Moskva, Izd-vo Akad. nauk SSSR, 1962. 502 p.

BUSINESSMEN see subdivision under United States

BUSTS

Quests for expressiveness in the sculptural portrait I. Svetlov. Iskusstvo 25 no. 10:25-30 '62

BUTADIENE

Interaction of 2, 3-dimethylbutadiene with ethylene and propylene chlorophosphites. B. A. Arbuzov, [illegible] shinskaia, V. M. Erokhina. Izv. AN SSSR. Otd. khim. nauk no. 11:2074-2078 N '62.

BUTADIENE POLYMERS

Chemical structure of rubidium catalyzed butadiene polymers. A. I. IAkubchik, V. D. Nikitina. Zhur. obshch. khim. 35 no. 11:2401-2405 N '62.

BUTADIONE

Hallucinatory syndrome as a sign of the side effect of butadione. E. S. Sigal'. Klin. med. no. 6:152-155 '62.

Use of butadione in active pulmonary tuberculosis [with summary in French]. A. M. Vilenman. [illegible] no. 7:33-36 '62.

Use of butadione in tuberculosis [with summary in French]. T. N. Oleneva and others. Probl. tub. no. 7 39-44 '62.

BUTANE

Behavior of some plastic materials under conditions of the production of synthetic acetic acid by n-butane oxidation. I. IA. Klinov, M. A Vorob'eva, Khim. prom. no. 10:769-772 O '62.

Rate of burning up of carbonaceous deposits in the regeneration of a butane dehydrogenation catalyst I IA Tiurisev, L. A. Gusakova. Kin i kat. 3 no 6:927-930 N-D '62.

BUTANONE

Oxidation of methyl ethyl ketone in the liquid and gas phases. G. E. Zaikov, E. k. Maizus. Kin i kat. 3 no. 6:846-854 N-D '62.

BUTENE

Isomerizing action of the catalytic system $Al(C_2H_5)_3$+ $CrCl_3$ in the polymerization of 1-butene [with summary in English]. E L. Erasova and others. Vysokom. soed. 4 no. 12 1796-1798 D '62.

BUTENYNE

Adsorption of monovinylacetylene on zeolites. N S Torocheshnikov, N. V. Kel'tsev, V. L Miakinenkov. Zhur. VKHO 7 no 6 691-695 '62.

BUTYRIC ACID

Effect of γ-aminobutyric acid on glucose absorption by the brain [in Armenian with summaries in Russian and English]. V. B. Eglan. Vop. biokhim. 2, 29-37 '61.

Effect of γ-aminobutyric acid on glucose absorption by various tissues [in Armenian with summaries in Russian and English]. S. G. Movsesian. Vop. biokhim. 2:87-107 '61.

Effect of insulin and γ-aminobutyric acid on the action of hyaluronidase [with summary in English]. IU. M. Demin Vop. biokhim. 2:115-127 '61.

Histochemical analysis of the mechanism of the effect of γ-aminobutyric acid and insulin on the transport of glucose in tissues [with summary in English]. A A. Galoian, R. F. Manaalan, R. M Sraptonian. Vop. biokhim. 2:109-114 '61.

Some aspects of the effect of gamma aminobutyric acid on carbohydrate metabolism. B. A. Kazarian. Izv AN Arm. SSR. Biol. nauki 15 no 11:11-18 N '62

BUYNAKSK DISTRICT—MINERAL WATERS—COMPOSITION

Hydrochemical characteristics of the Chirkey hydrosulfide springs. V. V. Getsev, A N. Kariagina. Trudy Geol. inst. Dag. fil. AN SSSR 2 260-266 '60.

BYALOVEZHSKA PUSHCHA—FOREST SOILS

Soils and forest growth in the Byalovezhska Pushcha. P. P. Rogovoi. Shor nauch trud BLTI no. 11,122-158 '58.

BYLINY

A concept impossible to agree with B Putilov. Vop. lit 6 no 11 98-111 N '62.

BYZANTINE EMPIRE

The Fourth Crusade and the Byzantine Empire [in Georgian with summary in Russian]. G. Gozalishvili. Trudy Tbil. GU 87:259-281 '60.

Social foundation of Byzantine Emperor Andronicus I Comnenus' rule. A. P. Kazhdan. Vop. ist. no. 11: 201-202 N '62.

BYZANTINE EMPIRE—LAND TENURE

"The rural communes of the Byzantine Empire" [in Serbian] by G. A. Ostrogorskii. Reviewed by A. P. Kazhdan. Vop. ist. no. 12:170-180 D '62.

CABBAGE

(see also subdivision under Murmansk Province)

How to evaluate preservation capacity of cabbage. V. D'iachenko. Sov. potreb. koop. 6 no. 9:61 S '62.

Individual changes of chemical composition in cabbage and rutabaga [with summary in English]. G. A. Lukovnikova. Trudy po prikl. bot., gen. i sel. 34 no. 2:109-114 '61.

CABBAGE—STORAGE

Shirokov, E. P. [Storing cabbage] Khranenie kapusty. Pod red. N. V. Saburova. [Moskva] Mosk. rabochii, 1961. 66 p. (DNAL)

CABBAGE MAGGOT

Ecology of the beet leaf miner Pegomyia hyosciami Panz. and the cabbage maggot Hylemyia brassicae Bouche (Diptera, Anthomyiidae) [with summary in English]. Sh. M. Zabirov. Vest LGU 17 no. 21:54-62 '62.

CADASTERS

Control and rectification of records in the cadasters of rural soviets. Sov. deput. trud. no. 12:93-94 D '62.

CADAVERS

Stand for collecting fibrinolyzed blood in flasks. G. A. Paforov. Probl. gemat. i perel. krovi no. 9:66-68 '62.

CADMIUM

Chizhikov, D. M. [Cadmium] Kadmii. Moskva, Izd-vo Akad. nauk SSSR, 1962. 227 p.

CADMIUM—ANALYSIS

Atomic absorption flame photometric determination of cadmium [with summary in English]. N. S. Poluektov, R. A. Vitkun. Zhur. anal. khim. 17 no. 6:935-939 N '62.

Determination of cadmium with β-hydroxynaphthylaiα-aminopyridine [with summary in English] S I Gusev, A S Pesia. Zhur anal khim 17 no 7-843 O '62

Photometric determination of cadmium by means of "bromobenzothiazo" [with summary in English]. D A Drapkina and others. Zhur. anal khim 17 no 8:940-944 N '62.

Polarographic behavior of cadmium and lead ions in aqueous solutions of acetic acid. O I Khotsianovskii Ukr khim. zhur no 9 1107-1110 '62

CADMIUM-BISMUTH ALLOYS see Bismuth-cadmium alloys

CADMIUM CHLORIDE

Precipitation of basic cadmium chlorides by ammonia. A. K. Kirakosian Zhur neorg khim 7 no 11 2557-2562 N '62

Ternary system consisting of sodium, cesium, and cadmium chlorides I I Il'inov. Zhur neorg. khim 7 no. 11:2604-2605 N '62.

CADMIUM-MAGNESIUM ALLOYS see Magnesium-cadmium alloys

CADMIUM SELENIDE

Emission of nonequilibrium electrons from cadmium selenide. B. L. Boichenko. Ukr. fiz. zhur. 7 no. 11: 1257-1258 N '62.

CADMIUM SELENIDE—SPECTRA

Spectral distribution of optical changes in the contact potential of CdSe films. L. P. Strakhov and others. Fiz. tver. tela 4 no. 12:3422-3426 D '62.

CADMIUM SULFIDE

Photocatalytic activity of cadmium sulfide A V. Pamfilov, IA. S Mazurkevich. Ukr khim zhur 28 no 9 1014-1018 '62

Temperature dependence of the field emission from cadmium sulfide. I. L. Sokol'skaia Fiz. tver. tela 4 no 11,3332-3334 N '62

CADMIUM SULFIDE—SPECTRA

Observation of the dispersion effect of reflection bands in CdS crystals. Chzhan Guan-in' [Chang Kuang-yin]. Opt. i spektr. 13 no. 5:701-707 N '62.

CADMIUM SULFIDE CRYSTALS

Bound excitons and the band structure in CdS crystals. E. F. Gross, B. S. Razbirin, V. I. Sokolov. Fiz. tver tela 4 no. 12:3673-3675 D '02.

Dark polarization of polycrystalline cadmium sulfide. P. S. Nesterenko. Fiz. tver. tela 4 no. 10:2897-2900 O '62.

Emission of nonequilibrium electrons from cadmium sulfide. V. F. Bibik, P. G. Borziak, O. G. Sarbei. Fiz. tver. tela 4 no. 11:3003-3009 N '62

Experimental study of the energy distribution of field emission electrons from CdS single crystals. G. P Shcherbakov, I. L. Sokol'skaia. Fiz. tver. tela 4 no. 12: 3526-3536 D '62.

Fine structure of the spectral dependence of field emission from CdS single crystals. B. V. Novikov, I. L. Sokol'skaia, G. P. Shcherbakov. Fiz tver. tela 4 no 11:3240-3243 N '62

Long-wave photosensitivity and infrared luminescence of cadmium sulfide single crystals. V. V. Serdiuk. Fiz. tver. tela 4 no. 10:2802-2805 O '62.

Thermally stimulated field emission current from CdS single crystals. I. L. Sokol'skaia. Fiz. tver. tela 4 no. 11:3330-3332 N '62.

CADMIUM SULFIDE CRYSTALS—SPECTRA

Spectral distribution of photoconductivity in CdS single crystals excited by modulated light. F. I. Kreingol'd. Fiz. tver. tela 4 no. 12:3415-3417 D '62.

CADMIUM TELLURIDE

High-voltage photo-emf in "monocrystal" films of cadmium telluride. F. T. Novik. Fiz. tver. tela 4 no. 11:3334-3335 N '62.

CALANOIDA see subdivision under Atlantic Ocean; Pacific Ocean

CALCITE—SPECTRA

Study of the nature of the coloration of optical calcite crystals from absorption spectra. Kh. K Sarsembaeva. Vest. AN Kazakh. SSR 18 no. 11:83-87 N '62.

CALCIUM

(see also subdivision under Nura-Tau)

Treatment of wounds by calcium electrophoresis. N. A. Barsukov. Khirurgiia 38 no. 10:41-44 O '62.

CALCIUM—ISOTOPES

Isotopic effects of plant uptake of calcium [with summary in English]. V. M. Klechkovskii, N. I. Selotkova. Izv. TSKHA no. 4:69-78 '62.

Simple nuclear reactions on Ca^{48} induced by high-energy protons [with summary in English]. I. Levenberg, V. Pokrovskii, I. IUtlandov. Zhur. eksp. i teor. fiz. 43 no. 5:1619-1624 N '62.

CALCIUM ALUMINATE

Characteristics of the formation of calcium aluminates during the firing of charges containing gypsum. S. D. Okorokov and others. Zhur. prikl. khim. 35 no. 11. 2551-2558 N '62.

CALCIUM CYANAMIDE

Effect of dialkylcyanamides on the brittleness temperature of films made with chloroprene latex. L. M Markova and others Kauch i rez. 21 no 11 22-23 N '62.

CALCIUM FLUORIDE

Complexonometric determination of calcium fluoride in fluorite ores [with summary in English]. V F Luk'ianov, E. M. Kniazeva, K. I. Orekhova. Zhur. anal khim 17 no. 8:931-934 N '62.

CALCIUM IN THE BODY

Determination of the total dialyzing and nondialyzing calcium in the blood serum by the method of flame photometry D M. Arnov Lab. delo 8 no 5:30-34 My '62

CALCIUM SILICATE

Solid solutions of lanthanum orthosilicate in dicalcium silicate. N. A. Toropov, N. F. Fedorov. Zhur. prikl. khim. 35 no. 11:2546-2550 N '62.

Stability of calcium hydrosilicates in corrosive solutions. IU. M. Butt, K. Kuatbaev. Zhur. prikl. khim. 35 no. 10: 2181-2190 O '62.

Stabilization of the high temperature forms of dicalcium silicate by the orthosilicates of the lanthanum series. N. A. Toropov, N. F. Fedorov. Zhur. prikl. khim. 35 no. 10.2156-2161 O '62.

CALCIUM SULFATE CRYSTALS

Accurate description of the crystalline structure of the anhydrite $CaSO_4$. E. Hohne. Kristallografiia 7 no 5 690-700 S-O '62

CALCULATING MACHINES

Machine accounting for the work of motor vehicles. V. Regova. Avt. transp. 40 no. 11:33 N '62.

CALCULI, BILIARY

Case of liver abscess complicated by a calculus of the common bile duct N F Khokhlov Zdrav Kazakh. 22 no 3 59-60 '62.

Significance of liver biopsy in cholelithiasis [with summary in English]. Sándor Dubec, Tivador Nagy. Vest. khir. 89 no. 9:53-57 S '62.

CALCULI, URINARY

(see also subdivision under Uzbekistan)

Dissolving renal calculi. The possibility of using trilon B as a chemical solvent; experimental study [with summary in English]. S. U. Volkov, V. U. Korolikhin. Urologiia no. 5:38-43 '62.

Giant calculus of the urethra. A. I. Prozument. Urologiia no. 5:68-69 '62.

CALCULUS OF VARIATIONS

Convergence of variational processes. I. G. Globenko. Dokl. AN SSSR 147 no. 3:533-536 N '62.

Solving problems of nonsteady-state thermal conductivity of hollow cylinders by Grinberg's method (method of finite integral transformations) [with summary in English]. Sh. N. Pliat. Inzh.-fiz. zhur. 5 no. 6 61-67 Je '62.

CALLAS, MARIA, 1923-

Maria Callas in Cherubini's "Medea." G. Troitskaia. Teatr 23 no. 11:191-192 N '62.

CALLIGONUM see subdivision under Black Irtysh Valley

CALLISTHENICS

Effect of active relaxation during the working hours on the health of intellectual workers [with summary in English]. M. M. Potapova. Vest LGU 17 no. 21:100-112 '62.

Principles for developing the program of callisthenics in industry. V. V. Belinovich. Teor i prak fiz. kul't. 25 no. 9:33-36 S '62

Utilization of industrial callisthenics in order to make the working day of agricultural workers more efficient during the harvest of vegetables. V. N. Tikhonov. Teor. i prak. fiz. kul't. 25 no. 9:38-39 S '62.

CALVES—FEEDING AND FEEDS

Changes with age in the external secretion of the pancreas in calves as related to the live weight and chemical composition of food rations [with summary in English]. P. I. Zherebtsov, M. M. Serykh. Izv. TSKHA no. 4:214-217 '62.

CAMBODIA—ECONOMIC CONDITIONS

On the Siamese shore. K. Perevoshchikov. Az. i Afr. seg. no. 11:34-36 N '62.

CAMBODIA—POLITICS AND GOVERNMENT

On the Siamese shore. K. Perevoshchikov. Az.i Afr. segodnia no.11 34-36 N '62.

CAMELS—PARASITES see Parasites—Camels

CAMERAS

Among photographic cameras Nauka i zhizn' 29 no.10 94-96 O '62

CAMEROONS, BRITISH—ETHNOLOGY

Bourgeois ethnographers on the state of Bali. S.R. Usakovskaia Vop.ist. no 11 200-201 N '62.

CAMPHOR

"Chemistry and technology of camphor" by G D. Rudakov. Reviewed by V. L Liubomilov Zhur VKHO 7 no 6 683 '62

CAMS

Determining curvature radii of cam profiles designed for a given motion of the follower. N.I. Kolchin Trudy LPI no 219:5-10 '62.

CANADA—ALMANACS, UKRAINIAN

Homin Ukrainy, Vydavnytstvo, Toronto. [Calendar almanac of "Homin Ukrainy" for 1963] Al'manakh kalendar...na rik 1963. Toronto, Nakladom vyd-va "Homin Ukrainy [n.d.] 190 p.

CANADA—MINE RAILROADS

Rock removal train with a scraper winch (from "Mine and Quarry Engineering," May, 1962). N.A. Vagin. Shakht. stroi. 6 no.11 30 N '62.

CANADA—SHIPBUILDING

Canadian-built ships (from foreign journals). no.74-75 N '62.

CANADA—UNEMPLOYED

The future of freedom. Charlotte Carter. Dyson Carter Ukraina no 20 5-6 O '62

CANCER

Biology of a tumor cell IA V Dobrynin. Nauka i zhizn' 29 no 10 49-51 O '62

Clinical use of auramin on malignant neoplasms [with summary in English]. S S Akopiants. Antibiotiki 7 no.9 832-836 S '62.

Immunity in cancer Nauka i zhizn' 29 no 10 52-53 O '62

Our questionnaire N N Blokhin and others Nauka i zhizn' 29 no 10 47-55, 62-63 O '62

Results of the treatment of malignant neoplasms with a benzotef preparation. R. P Pal'chikova Vrach delo no.12:117-118 D '62.

Theories of the origin of tumors Nauka i zhizn' 29 no.10 36-37 O '62

CANCER—CONGRESSES

Eighth International Anticancer Congress. Gig. truda i prof zab 6 no 6 3-5 Je '62

CANCER RESEARCH

Biochemistry of cancer. V.S.Shapot. Priroda 51 no.12:19-25 D '62.

Comparative microscopic study of the action of substances of Actinomyces and animal origin on Ehrlich ascites tumor cells [with summary in English]. V.I. Boiko. Antibiotiki 7 no.9:815-822 S '62.

Epidemiology of cancer Nauka i zhizn' 29 no. 10 56-57 O '62

From the history of the problem "Viruses and tumors." Laureates of the prizes of the United Nations. Nauka i zhizn' 29 no 10 64 O '62.

From the positions of molecular biology. V. S. Shapot. Nauka i zhizn' 29 no 10.38-40 O '62.

Let us intensify our struggle against the bitterest enemy of mankind T. Paddubnaia. Belarus' 12 no.11:30 N '62.

Problem of cancer in a physicochemical aspect. N. M. Emanuel'. Nauka i zhizn' 29 no.10:42-43 O '62

Role of the World Health Organization in the struggle against cancer. Nauka i zhizn' 29 no.10 34 O '62.

World struggle against cancer. J. Heller. Nauka i [illegible] O '62.

CANNING INDUSTRY

(see also subdivision under Cheremosy; Cantindi, Kherson, Moldavia, Namangan, Ukraine)

From pages of newspapers. Konserv i ov prom 17 no 12 42 D '62

Role of the Scientific and Technical Society in the further expansion of the canning industry Konserv i ov. prom 17 no 12 1-3 D '62

CANNING INDUSTRY—EQUIPMENT AND SUPPLIES

(see also subdivision under Kherson)

Efficient utilization of juice vapors G S Rabzi Konserv i ov prom 17 no 12:18-20 D '62.

CAPILLARIES

Dynamics of the bioelectrical activity of the brain and the state of the capillaries in cerebral atherosclerosis with insomnia during the period of electrosleep therapy. E.I Kulikova (Lebedinskaia). Trudy Gos. nauch.-issl. inst. psikh. 25 226-232 '61.

Vegetative disorders in cerebral atherosclerosis with initial mental disorders (a disorder of vasomotor innervation). I. N Bobrova. Trudy Gos. nauch.-issl. inst. psikh. 25 195-201 '61.

CAPILLARIES—PERMEABILITY

Role of humoral factors of a peptide and protein nature in the regulation of capillary permeability. T. S. Paskhina. Vest. AMN SSSR 17 no 9:21-28 '62

CAPILLARITY

"Capillary methods for studying micro-organisms" by B. V Perfil'ev, D. R. Gabe. Reviewed by S. I Kuznetsov Mikrobiologiia 31 no. 3 571-573 My-Je '62

Capillary penetration in ideal and real loose-porous materials. A. N. Braslavskii. Zhur. prikl. khim. 35 no 10.2231-2235 O '62.

CAPITAL

Growth of labor productivity is the basis for socialist accumulation I. Slavnyi. Fin. SSSR 23 no. 11:13-21 N '62.

Levin, B. M. [Working capital and its utilization in U.S.S.R. industries] Oborotnye fondy i ikh ispol'zovanie v promyshlennosti SSSR; uchebnoe posobie po kursu "Ekonomika promyshlennosti i ekonomika, organizatsiia i planirovanie promyshlennogo proizvodstva. Moskva, Vses. zaochnyi finansovo-ekon. in-t, 1960. 69 p.

Nagavitsyn, M. T. [The accumulation of capital and the worsening of the working class' condition] Nakoplenie kapitala i ukhudshenie polozhenita rabochego klassa. Moskva, Vysshaia shkola, 1962, 101 p.

CAPITAL INVESTMENTS

(see also subdivision under Moldavia)

Increase the efficiency of capital investments in rural construction. S. Nefedov. Ekon. strol. no 12 18-28 D '62.

[Problems in the economic efficiency of capital investments] Voprosy ekonomicheskoi effektivnosti kapitalovlozhenii, sbornik statei Pod obshchei red i so vstup stat'ei T. S Khachaturova. Moskva, Izd-vo inostr lit-ry, 1962. 276 p

CAPITALISM

Discussion of the problems of contemporary capitalism. I. D. Ivanov. Vest. AN SSSR 32 no.12:71-77 D '62.

Varga, E. S. [Modern capitalism and economic crises] Sovremennyi kapitalizm i ekonomicheskie krizisy; izbrannye trudy. Moskva, Izd-vo Akad. nauk SSSR, 1962. 502 p

CAPRI—DESCRIPTION AND TRAVEL

Sun loves this land. M. Kozlowskyi, I. Potapska. Znan. ia pratsia no. 8:24-25 Ag '62.

CAPTAN

Captan and phthalan in the control of the gray mold of strawberries. N. M. Golyshin. Zashch. rast. ot vred i bol. 7 no. 8:36-37 Je '62.

CAR AXLES

Investigating the strength of the axle and wheel press joints. P. V. Shevchenko, K. G Ryl'kov. Trudy KHIIT no. 49:55-70 '61

CAR COUPLINGS

Basic parameters of the automatic coupler construction for the rolling stock of lumber railroads with a gauge of 750 mm. V. P. Trusov, N. I. Gedz. Izv. vys. uchob. zav., les. zhur. 4 no.5:82-89 '61.

CAR WHEELS

Determining the parameters of seamless rolled wheels. P. V. Shevchenko. Trudy KHIIT no. 49 5-19 '61.

Determining the residual stresses in the disks of seamless rolled car wheels with the rosette method. P. V. Shevchenko. Trudy KHIIT no. 49:20-33 '61.

Investigating the state of stress of car wheel disks P. V. Shevchenko, B. I. Kogan. Trudy KHIIT no. 49: 34-54 '61.

Investigating the strength of the axle and wheel press joints. P. V. Shevchenko, K. G. Ryl'kov. Trudy KHIIT no. 49, 55-70 '61.

Wear of locomotive wheel bands due to the [illegible] wheel diameters. A. P Koutiuk. Trudy [illegible] 89 111 '61.

CARBOHYDRATE METABOLISM

Content of carbohydrates in the leaves of [illegible] plants (in Azerbaijani with summary in Russian) [illegible] Tagi-Zade, Kh. A. Ismailov. Izv. Akad. Azerb. SSR, ser. biol. i med. nauk no. 6:15-17 '60.

Effect of preowing hardening on carbohydrate [illegible] in corn grown in soils of various salinity. Z. S. Alekseeva, Zh. A. Babneva. Izv. Akad. Azerb. SSR, ser. biol. i med. nauk no. 6:3-8 '62.

Some aspects of the effect of gamma radiation on carbohydrate metabolism. R. A. Ivanova. Izv. Akad. Azerb. SSR, Biol. nauki 15 no. 11:81-86 N '62.

State of tissue carbohydrate metabolism in peptic ulcer patients following stomach surgery (with summary in English). M. S. Glovatova. Vrach. delo no. 12 [illegible] '62.

CARBOHYDRATES

Effect of large doses of gamma rays on the [illegible] complex of wheat (with summary in English) [illegible] Sokolov, Z. B. Dreidova. Trudy Vsesoiuz. [illegible] '60

Zhdanov, Iu. A., and G. N. Dorofeenko. [Condensation formations of the carbon skeleton structure of carbohydrates] Khimicheskie prevrashchenita uglevodnykh skeleta uglevodov. Moskva, Izd-vo Akad. [illegible] 1962. 210 p.

CARBON

(see also subdivision under Kuban region)

Disintegration of the C^{12} nucleus into three [illegible] caused by inelastic scattering of 400 Mev. [illegible] [with summary in English]. V. I. Negrienko, V. I Ostroumov. Zhur. eksp. i teor. fiz. 43 1582-1591 N '62.

Thermodynamic analysis of interaction between [illegible] fluoric acid vapors and carbon. N. P. Galkin, S. S. Shubin, A. S. Krylov. Khim. prom. no. 10 [illegible] O '62.

Thermodynamic analysis of some [illegible] during the reduction of sodium sulfate by [illegible] Lotiev. Zhur. prikl. khim. 35 no. 12 [illegible]

CARBON—ANALYSIS

Microdetermination of carbon and hydrogen in [illegible] organic compounds [with summary in English] [illegible] Lebedeva, N. A. Nikolaeva, V. A. Grechina. [illegible] Khim. 17 no. 8:993-997 N '62.

CARBON—ISOTOPES

Coefficients of separation of the carbon isotopes C^{12} and C^{14} during the equilibrium vaporization of [illegible] O. V. Uvarov and others. Zhur. VKHO 7 [illegible] '62

CARBON BLACK

Effect of elementary composition of raw materials on the formation of carbon black in the process of cracking in mixtures. A. D. Kokurin, V. D. [illegible] Zhur. prikl. khim. 35 no. 11 2574-2577 N '62.

Investigating the process of carbon black formation in turbulent flame and development of the [illegible] the production of active furnace black from [illegible] fuels V. P. Zuev. Kauch i rez 21 no. 11 [illegible] '62

CARBON DIOXIDE

Compressibility of mixtures of ammonia and carbon dioxide, and the equilibrium of reactions in the urea synthesis. G. D. Efremova, [illegible] Khim. prom. no. 10:742-747 O '62.

CARBON DISULFIDE

Explosion-proofing in the production and storage of disulfide. B. S. Aronovich, G. V. Smolkov, V. [illegible] Zhur. VKHO 7 no 6:667-672 '62.

CARBON MONOXIDE

Catalytic reduction of quinones by carbon monoxide in the liquid phase. A. B. Faeman, V. A. Golubeva, P. [illegible] Sokolskii. Trudy Inst. khim. nauk AN Kazakh. SSR 8:137-149 '62.

CARBON TETRACHLORIDE

Association of rhodamine 6G molecules in solutions of chloroform and carbon tetrachloride. I. V. [illegible] T. D. Slavnova. Vest. Mosk. un-ta Ser. 3: Fiz., astron. 17 no. 6:24-27 N-D '62.

CARBONATES

Infrared spectra of the carbonate complex of [illegible] A. V. Karlakin, M. P. Volynets. Zhur. strukt. khim. 3 no. 6:714-716 '62.

CARBONATITES see subdivision under Siberia, Eastern

CARBONIC ACID

Scattering of light in carbonic acid and its relation to the equation of state [with summary in English]. P. P. Kolpakov, V. P. Skripov, E. N. Gorbunova. Ukr. fiz. zhur. 7 no. 7:787-792 Jl '62.

CARBONIC ANHYDRASE

Carbonic anhydrase in the blood and the anhydrase index in actually healthy women builders of the petroleum district in eastern Apsheron during the child bearing period. M. M. Seidova. Uch. zap. AGU Biol. sci., no. 6 55-60 '60.

CARBONYL COMPOUNDS

Determination of the carbonyl compounds of noncarbohydrate character in furfurole condensates. V. G. Kul'kevich, I. G. Mokhnachev, A. M. Filatova. Gidroliz. i lesokhim. prom. 15 no. 8 16-18 '62.

CARBONYL GROUP

Catalytic carbonylation of aliphatic amines in the presence of alkali metal alcoholates. A. Iu. Aliev, I. B. Romanova, L. Kh. Freidlin. Uzb. khim. zhur. 6 no. 5 79-83 '62.

Determination of molecular weights and carbonyl groups of cotton lignins. N. N. Shorygina, Kh. R. Niiazov. Izv. AN SSSR, Otd. khim. nauk no. 11 2094-2095 N '62.

CARBONYL GROUP—SPECTRA

Determination of the number of hydroxyl and carbonyl groups in steroid molecules based on the intensity of bands in the infrared spectra [with summary in English]. G. G. Dvoriantseva, Iu. N. Sheinker. Zhur. anal. khim. 17 no. 7 803-809 O '62.

Intensity of C=O bands in infrared spectra of some carbonyl-containing heterocyclic compounds. B. F. Zaitsev, Iu. N. Sheinker. Izv. AN SSSR, Otd. khim. nauk no. 11 2070-2073 N '62.

CARBUNCLE

Furuncles and carbuncles of the face and their treatment. K. B. Akhmedova, N. A. Shikhirev. Klin. med. 40 no. 10 134-137 O '62.

CARCINOGENS

Blastomogenic action of 3-amino-1, 2, 4-triazole. N. P. Napalkov. Gig. truda i prof. zab. 6 no. 6 44-48 Je '62.

Cancerogenic products in the chemical industry [with summary in English]. T. A. Korosteleva. Gig. truda i prof. zab. 6 no. 6 11-17 Je '62.

Cancerogenic substances in the aniline dye industry and prophylactic measures [with summary in English]. Gig. truda i prof. zab. 6 no. 6 17-24 Je '62.

"Pollution of air by cancerogenic substances" by I. M. Shabadn, P. P. Dikun. Book review. Nauka i zhizn' 29 no. 10 44-46 O '62.

Principle and methodological possibilities for the preliminary evaluation of the cancerogenic activity of substances recently introduced into industry [with summary in English]. L. S. Saltamon. Gig. truda i prof. zab. 6 no. 6 28-32 Je '62.

Study of occupational neoplasms and the cancerogenicity of substances recently introduced into industry [with summary in English]. N. V. Lazarev, N. P. Napalkov. Gig. truda i prof. zab. 6 no. 6 5-11 Je '62.

Study of the cancerogenic properties of some products of the aniline dye industry (1, 5-naphtalenediamine and 1, 8-naphthalenediamine hydrochloride). G. B. Pliss. Gig. truda i prof. zab. 6 no. 6 41-46 Je '62.

CARDIAC GLYCOSIDES

Prevention of a recurrent circulatory disorder in mitral heart defects [with summary in English]. G. L. Kats. Vrach. delo no. 12, 10-23 D '62.

CARDIOLOGY

Determination of the time correlations during systole phases in children. A. A. Galstian. Pediatriia no. 1, 10-55 '62.

CARDIOVASCULAR PATIENT—REHABILITATION

Karamyshev, F. I. [Effect of work activities on cardiovascular patients under the industrial conditions in the machinery industry] Vliianie trudovoi deiatel'nosti na bol'nykh s serdechno-sosudistymi zabolevaniiami v proizvodstvennykh usloviiakh mashinostroitel'nogo zavoda. Moskva, Medgiz, 1962. 207 p. (DNLM)

CARDIOVASCULAR SYSTEM

Man'le cardiovascular reactions during speech. N. V. Sukhanova. Dokl. APN 6 no. 4:107-110 '62.

CARDIOVASCULAR SYSTEM—DISEASES

Hypnotherapy in cardiovascular diseases. S. L. Krasnykh. Trudy Gos. nauch.-issl. inst. psikh. 25:787-794 '61.

[Multivolume manual on internal diseases] Mnogotomnoe rukovodstvo po vnutrennim boleznlam. Otv. red. A. L. Mirankov. Moskva, Medgiz,
Vol. 1. [Diseases of the cardiovascular system] Bolezni serdechno-sosudistoi sistemy. Red. toma: P. E. Lukomskii i N. N. Savitskii. 1962. 686 p. (DNLM)

CARGO HANDLING
(see also subdivision under Novorossiysk)

Direct method of operation. N. Fionov, V. Zubritskii. Mor. flot 22 no. 9:10-13 S '62.

CARGO HANDLING—COSTS

Method and practice of cost accounting for the loading and unloading of individual types of cargo. L. Rushchinskii. Mor. flot 22 no. 12:16-18 D '62.

CARGO HANDLING—EQUIPMENT AND SUPPLIES

Follow the example of progressive mechanizers. Mor. flot 22 no. 11:9 N '62.

For a better use of cargo handling equipment. Mor. flot 22 no. 11:47 N '62.

Over-all mechanization in the Vladivostok harbor. G. Kapustin, E. Fisher. Mor. flot 22 no. 9 13-15 S '62.

Reply to Novorossiisk mechanizers. B. Dvoeglaz, F. Shmilovich, A. Kats. Mor. flot 22 no. 12:45 D '62.

Vibration grab for long lumber. G. Panushkin. Mech. transp. 21 no. 12 43 D '62.

CARGO HANDLING—PRODUCTION STANDARDS

Revise ship-hour norms. S. Kachalov, N. Bronin. Mech. transp. 21 no. 12 12-14 D '62.

CARGO VESSELS see Freighters

CARICATURES AND CARTOONS

Kukrynitsy, pseud. [Playing with fire; [caricatures.] Igra s ogniem; [karikatury]. Moskva, Pravda, 1961. 1 v. (MH)

CAROTENE

On the feasibility of reciprocal transformation of carotenes and carotenoids. T. N. Godnev, R. M. Rotfarb. Dokl. AN SSSR 147 no. 3:735-737 N '62.

CAROTENOIDS

On the feasibility of reciprocal transformation of carotenes and carotenoids. T. N. Godnev, R. M. Rotfarb. Dokl. AN SSSR 147 no. 3:735-737 N '62.

CAROTID ARTERY—DISEASES

Change in the electrical activity of the brain in lesions of the large cerebral vessels (carotid and vertebral arteries) [with summary in French]. V. A. Chukhrova, N. V. Vershchagin, D. N. Dzhibladze. Zhur. nevr. i psikh. 62 no. 8, 1181-1186 Ag '62.

Role of the pathological stimosity of the carotid and vertebral arteries in disorders of cerebral circulation [with summary in French]. F. V. Shmidt and others. Zhur. nevr. i psikh. 62 no. 8:1149-1159 Ag '62.

Surgical treatment of thrombosis and stenosis of the internal carotid artery [with summary in French]. E. I. Zlatnik, S. F. Sokach. Zhur. nevr. i psikh. 62 no. 8: 1172-1177 Ag '62.

CAROTID SINUS

Clinical significance of a delayed reflex from the zone of the carotid sinus on cardiac activity [with summary in English]. P. P. Alekseev. Klin. med. no. 9, 71-75 '62.

CARP
(see also subdivision under Baltic Sea region, Moldavia; Moscow Province; Russia, Northwestern; Ukraine, Western)

Effectiveness of feeding carp with granulated food. V. K. Vinogradov, L. V. Erokhina. Trudy sov. ikht. kom. no. 14, 53-58 '62.

CARP—PARASITES see Parasites—Carp

CARP BREEDING
(see also subdivision under Ukraine)

Breeding a winter hardy Kursk carp. F. I. Ryl'skii. Trudy sov. ikht. kom. no. 14:176-178 '62.

Cyprinoid hybrids as fishes for joint rearing in ponds. I. V. Kiselev. Trudy sov. ikht. kom. no. 14:188-195 '62.

CARPATHIAN MOUNTAIN REGION—PETROLEUM—ANALYSIS

Composition and properties of Carpathian oils. E. F. Latsenko, G. M. Dontsova. Geol. nefti i gaza 6 no. 10: 29-34 O '62.

CARPATHIAN MOUNTAINS—FLYSCH

Stratigraphy and tectonics of the flysch zone in the Eastern Carpathians. Ion Marinescu. Geol. zhur. 22 no. 5:50-60 '62.

CARPATHIAN MOUNTAINS—GAS, NATURAL—ANALYSIS

Change in the chemical composition of natural gases from fields in the outer zone of the Carpathian piedmont fault. A. K. Ivanov. Geol. nefti i gaza 6 no. 10: 34-37 O '62.

CARPATHIAN MOUNTAINS—GAS, NATURAL—GEOLOGY

Time of the formation of oil and gas pools in the eastern Carpathian oil- and gas-bearing province. I. N. Kukhtin. Geol. nefti i gaza 6 no. 10:38-41 O '62.

CARPATHIAN MOUNTAINS—MAPLE

Distribution, characteristics, and natural regeneration of sycamore maple (Acer pseudoplatanus L.) in the Ukrainian Carpathians. Iu. D. Tretiak, S. M. Stoiko. Izv. vys. ucheb. zav., les. zhur. 4 no. 5:41-46 '61.

CARPATHIAN MOUNTAINS—PETROLEUM GEOLOGY

Time of the formation of oil and gas pools in the eastern Carpathian oil- and gas-bearing province. I. N. Kukhtin. Geol. nefti i gaza 6 no. 10:38-41 O '62.

CARPATHIAN MOUNTAINS—THERMAL WATERS

Thermal waters in the Carpathians. V. M. Shchepak and others. Geol. zhur. 22 no. 5 66-69 '62.

CARPENTRY

Iankovskii, I. P., and others. [Carpentry and joinery] Plotnichnye i stolliarnye raboty. Minsk, Gostizdat BSSR, 1962. 235 p.

CARRIERS—MAINTENANCE AND REPAIR

Potentialities of an old lumber carrier. Mor. flot 22 no. 11, 47-48 N '62.

CARROTS see subdivision under Uzbekistan

CARROTS—VARIETIES see subdivision under Amu Darya Valley

CARTILAGE—TRANSPLANTATION

Homotransplantation of cartilage following enucleation [with summary in English]. L. M. Bakin. Vest. oft. no. 5:47-53 '62.

CARTOGRAPHY

Abbreviations of explanatory words in names of inhabited places. N. V. Malakhov. Geod. i kart. no. 3 54-56 Mr '62.

Automation and cartography (from "The geographical review," vol. 49, no. 4, 1959). Geod. i kart. no. 3:56-63 Mr '62.

Forty-fifth anniversary of the Great October Revolution. Geod. i kart. no. 11:3-10 N '62.

Inventiveness and efficiency. L. V. Ovchinnikov. Geod. i kart. no. 10 3-6 O '62.

Organization of indoor work of the party. V. D. Antonenko. Geod. i kart. no. 11:41-43 N '62.

Results of the socialist competition of agencies of the Main Administration of Geodesy and Cartography under the Ministry of Geology and Conservation of Mineral Resources of the U. S. S. R. during the fourth quarter of 1961. Geod. i kart. no. 3 3-4 Mr '62.

Using the dotted method to map branches of agriculture (practice followed in making maps for the Agricultural Atlas of the U. S. S. R.) G. P. Venevitseva. Geod. i kart. no. 4 57-61 Ap '62.

CARTOGRAPHY—BIBLIOGRAPHY see Bibliography—Cartography

CARTOGRAPHY—EQUIPMENT AND SUPPLIES

Hostaphane, a transparent plastic material, its use in cartography. A. V. Shilov. Geod. i kart. no. 4:64-69 Ap '62.

CARTOGRAPHY—STUDY AND TEACHING see subdivision under Moscow

CASE HARDENING

Effect of the vapor phase pressure on the manganese nitriding process [in Georgian with summary in English]. V. M. Berezhiani, I. B. Doratashvili. Trudy Inst. met. AN Gruz. SSR 12 93-101 '62.

Nitriding of manganese. G. I. Batalin, M. S. Tkachenko. Izv. vys. ucheb. zav.: chern. met. 5 no. 11:76-79 '62.

CASPIAN DEPRESSION—GEOLOGY, STRATIGRAPHIC

Correlation of continental Quaternary sediments in the northeastern Caspian Sea region with sediments in Caspian transgressive overlaps. L. B. Aristarkhova. Sov. geol. 5 no. 11:105-110 N '62.

CASPIAN LOWLAND—GAS, NATURAL—GEOLOGY

Shore area of the Caspian Lowland; future prospects for increasing oil and gas production in the lower Volga Valley. S. P. Kozlenko and others. Geol. nefti i gaza 6 no. 12, 24-32 D '62.

CASPIAN LOWLAND—PETROLEUM GEOLOGY

Shore area of the Caspian Lowland; future prospects for increasing oil and gas production in the lower Volga Valley. S. P. Kozlenko and others. Geol. nefti i gaza 6 no. 12:24-32 D '62.

CASPIAN SEA

Discussion of the project for diverting the runoff of the northern rivers of Pechora and Vychegda into the Caspian Sea Basin. L. A. Brattsev. Izv. Komi fil. Geog. ob-va SSSR no. 7:132-133 '62.

CASPIAN SEA—MERCHANT MARINE—PASSENGER TRAFFIC

Passenger traffic in the Caspian basin. A. Voloshin. Mor. flot 22 no. 11:5 N '62.

CASPIAN SEA—MOLLUSKS

Mollusks as food in the Apsheron-Astara region of the Caspian Sea [in Azerbaijani with summary in Russian]. A. D. Aliev. Izv. AN Azerb. SSR, Ser. biol. i med. nauk no. 6:43-48 '62.

CASPIAN SEA—SEA ICE

Physicochemical properties of the Caspian Sea ice. L.V. Lukianova. Izv. AN Azerb. SSR. Ser. geol.-geog. nauk i nefti no. 3:137-146 '62.

CASPIAN SEA—SPONGES

Sponges (Porifera) of the Caspian Sea [with summary in English]. V.M. Koltun. Zool. zhur. 41 no. 10:1469-1476 O '62.

CASPIAN SEA REGION—GAS, NATURAL—GEOLOGY

Middle Caspian oil- and gas-bearing basin, appearance of regularities in the spread of oil and gas accumulations in central and eastern Ciscaucasia and in the Kara-Bogaz region. I.O. Brod and others. Zakonom. razm. polezn. iskop. 483-535 '62.

CASPIAN SEA REGION—GEOLOGY, STRUCTURAL

Basic features of the tectonics of the Caspian Sea and adjacent land areas. A.A. Borisov and others. Geol. nefti i gaza 6 no. 12:18-23 D '62.

CASPIAN SEA REGION—GEOMORPHOLOGY

Akademiia nauk SSSR. Kompleksnaia fizicheskaia geologicheskaia ekspeditsiia, 1956- [Transactions of the General Southern Geological Expedition. Trudy] Pod red. I.O. Brods. Leningrad, Gostoptekhizdat.

No. 7. [Structural and geomorphological studies in the Caspian Sea region] Strukturno-geomorfologicheskie issledovaniia v Prikaspii. 1962. 511 p.

CASPIAN SEA REGION—PETROLEUM GEOLOGY

Middle Caspian oil- and gas-bearing basin, appearance of regularities in the spread of oil and gas accumulations in central and eastern Ciscaucasia and in the Kara-Bogaz region. I.O. Brod and others. Zakonom. razm. polezn. iskop. 483-535 '62.

CAST IRON

Effect of chemical characteristics on the microstructure and strength characteristics of chilled cast iron. R. Kamenskii. Lit. proizv. no. 11:27-28 N '62.

Using 18XGT steel wastes for manufacturing antifriction gray iron. V. Avakian, A. Grishchuk. Prom. Arm. 5 no. 11:35-36 N '62.

CAST IRON—ELECTROMETALLURGY

Investigating processes of simultaneous oxidation of silicon, manganese, and chromium in native alloy cast iron. V. Mikhalych, M. Gaier, D.I. Ryzhonkov. Izv. vys. ucheb. zav.; chern. met. 5 no. 11:20-22 '62.

CAST IRON—HYDROGEN CONTENT

Hydrogen saturation and the fluidity of cast iron. B.A. Noskov, A.V. Kashirskii. Lit. proizv. no. 11:32-33 N '62.

CAST IRON—METALLOGRAPHY

Bogachev, I.N. [Metallography of cast iron] Metallografiia chuguna. 2. izd. dop. i ispr. Sverdlovsk, Metallurgizdat, 1962. 392 p.

Effect of phosphorus on the graphitization of iron-carbon alloys and the structure of phosphide eutectics in cast iron. A.A. Zhukov. Fiz. met. i metalloved. 14 no. 5: 715-726 N '62.

New graphite spheroidizer. E.M. Blank, A.S. Filippov, A.D. Popov. Fiz. met. i metalloved. 14 no. 5:799-800 N '62.

CAST IRON—METALLURGY

Carburizing cast iron in the ladle. V.A. Zakharov. Lit. proizv. no. 11:41 N '62.

Efficiency of treatment with rare metal alloys. N.F. Kashtanova, K.F. Klubnichkin, E.M. Shkolnikov. Lit. proizv. no. 11:37 N '62.

Kinetics of sulfur transition from cast iron into slag. V.A. Grigorian, V.A. Marichev. Lit. proizv. no. 11: 30-32 N '62.

Kinetics of the graphitization of isolated cementite in malleable cast iron with a large and small ratio of sulfur to manganese. R.A. Sidorenko, F.A. Sidorenko, A.S. Kosnarev. Fiz. met. i metalloved. 14 no. 2:303-305 Ag '62.

Use of pyrite cinder from the Ingur Paper Combine in the production of basic pig iron. M.A. Kekelidze and others. Trudy Inst. met. AN Gruz. SSR 12 3-17 '62.

Yttrium is a spheroidizer of graphite. E.M. Blank, A.S. Filippov, A.D. Popov. Lit. proizv. no. 11:36 N '62.

CAST IRON—THERMAL PROPERTIES

Chemical properties of cast iron in the system iron - chromium - nickel - silicon - carbon. F.N. Tavadze and others. Trudy Inst. met. AN Gruz. SSR 12 137-144 '62.

CAST IRON—WELDING

Welding of cast iron parts with a TSCH-4 electrode. A. Abramov. Mor. flot 22 no. 12:38 D '62.

CAST STONE see Stone, Cast

CASTING, CONTINUOUS see Continuous casting

CATALOGS, UNION

[Union list of new foreign books, received by the libraries of the U.S.S.R. Series B: Social sciences] Svod. biul. nov. inostr. knig, postup. v bibl. SSSR. Ser. B: Obshchestv. nauki no. 4 '62.

CATALYSIS

Catalytic and kinetic features of the stereospecific polymerization of α-olefins. G. Natta, I. Pasquon. Kin. i kat. 3 no. 6:807-820 N-D '62.

Copolymerization of styrene with propylene in the presence of a heterogeneous Ziegler-Natta catalytic system [with summary in English]. G.A. Razuvaev, K.S. Minsker, I.Z. Shapiro. Vysokom. soed. 4 no. 12 1833-1838 D '62.

Multiplet theory of catalysis. Structural factors in catalysis. A.A. Balandin. Usp. khim. 31 no. 11:1265-1300 N '62.

Potentiometric study of the reactions underlying the catalytic hydrogenation in the gas phase. V.A. Druz', D.V. Sokol'skii. Trudy Inst. khim. nauk AN Kazakh SSR 8:45-55 '62.

Reactions between tin oxides and isopropyl alcohol. V.A. Komarov, S.A. Abdulaeva, E.A. Chernikova. Kin. i kat. 3 no. 6:920-926 N-D '62.

CATALYSTS

Effect of additions on the increase in activity of catalysts for the dehydrocyclization of paraffins. M.I. Rozengart, Z.F. Kuznetsova. Kin. i kat. 3 no. 6:912 N-D '62.

Isomerizing action of the catalytic system $Al(C_2H_5)_3$ + $CrCl_3$ in the polymerization of 1-butene [with summary in English]. F.L. Erusova and others. Vysokom. soed. 4 no. 12 1796-1798 D '62.

Kinetics and mechanism of α-olefin polymerization on complex catalysts. Part 6. Polymerization of propylene in the presence of $TiCl_3$ and $Be(C_2H_5)_2$. A.P. Firsov and others. Vysokom. soed. 4 no. 12 1812-1816 D '62.

Kinetics of reduction of ammonia catalysts of various chemical composition. Iu.N. Artiukh, M.T. Rusov, G.A. Streltsov. Ukr. khim. zhur. 28 no. 7:825-826 '62.

Rate of burning up of carbonaceous deposits in the regeneration of a butane dehydrogenation catalyst. I.A. Tiurlaev, L.A. Gusakova. Kin. i kat. 3 no. 6:927-930 N-D '62.

CATARACT

Intracapsular vacuum extraction of senile cataract. A.S. Smolovskii. Vest. oft. no. 5:70-73 '62.

Secondary glaucoma as a sequel of pupillary block. M.M. Kreanov, V.V. Shmeleva. Vest. oft. no. 5:31-33 '62.

Use of a cryoextractor in cataract extraction. R. Golominova. Vest. oft. no. 5:74 '62.

CATGUT SUTURES

Primary suture of the flexor digitorum tendons with alcohol-quinone catgut [with summary in English]. M.F. Oberfeld. Khirurgiia 38 no. 10:111-115 O '62.

CATHEDRALS see subdivision under Kalinin

CATHODE RAY TUBES

The composition of glass for kinescope screens. D.L. Glik, O.V. Medved', Z.A. Gradov. Stek. i ker. 19 no. 11:16-17 N '62.

CATHODES

Characteristics of photoelectronic multipliers with multi-alkali photocathodes. B.M. Glukhovskoi, L.G. Letteizen. Izv. AN SSSR. Ser. fiz. 26 no. 11:1386-1389 N '62.

The effect of dynamic fatigue of photocathodes. V.G. Polskii. Izv. AN SSSR. Ser. fiz. 26 no. 11:1396-1399 N '62.

Emission properties of multi-alkali photocathodes sensitized by oxygen. V.S. Guseĭnikov, A.N. Khokhlova. Izv. AN SSSR. Ser. fiz. 26 no. 11 1392-1395 N '62.

Near-the-threshold spectral sensitivity region of silver-oxygen-cesium photocathodes and its relation to the structure of the photosensitive film. N.A. Soboleva, A.S. Shefov, V.N. Tolmasova. Izv. AN SSSR. Ser. fiz. 26 no. 11:1370-1376 N '62.

Properties of photoelectronic multipliers with multi-alkali photocathodes. E.G. Kormakova. Izv. AN SSSR. Ser. fiz. 26 no. 11:1365-1370 N '62.

Some possibilities for raising the sensitivity of multi-alkali photocathodes by optical means. A.S. Shefov, G.A. Lisina. Izv. AN SSSR. Ser. fiz. 26 no. 11:1392-1395 N '62.

Study of the long-wave self-absorption edge of a antimony-cesium photocathode. I.S. Gorban'. Izv. AN SSSR. Ser. fiz. 26 no. 11:1378-1382 N '62.

Thermionic emission from a hollow cathode. M.B. Pytieva, E.M. Dubinina. Izv. AN SSSR. Ser. fiz. 26 no. 11:1343-1348 N '62.

Use of a thermionic cathode in a microtron. B.Z. Kanter. Izv. AN SSSR. Ser. fiz. 26 no. 11:1353-1358 N '62.

CATHODIC PROTECTION

Cathodic protection of copper in acid solutions. V.M. Novakovskii, E.F. Lapshina, L.A. Polubolartseva. [Trudy] UNIKHIM no. 9:122-136 '61.

CATHOLIC CHURCH

(see also subdivision under Bukovina; Lithuania)

Koval'skii, N.A. [Affairs of the Vatican] Dela vatikanskie. Moskva, Gospolitizdat, 1962. 62 p.

A servant of the moneybag. Volov. ateist 9 '62.

The Vatican and its attitude toward science. N. Gerbyn. Volov. ateist no. 9:6-12 Ag '62.

CATHOLIC CHURCH—RELATIONS—ORTHODOX EASTERN CHURCH

Sojourn in Moscow of Monseigneur J. Villebrand's. Zhur. Mosk. Patr. no. 10:43-44 O '62.

CATHOLIC CHURCH (BYZANTINE RITE) see subdivision under Ukraine, Western

CATION EXCHANGING COMPOUNDS see Base exchanging compounds

CATTLE—ANATOMY

Parallel changes in the structure of adrenal glands, ovaries, and the uterine in cows. O.M. Lendel'. Visnyk sil'shosp. nauky 5 no. 10:112-114 O '62.

CATTLE—DISEASES AND PESTS

Changes in the peripheral blood and marrow in cows during various phases of utrichyhotyphlitis. P.F. Zaiatin. Visnyk sil'shosp. nauky 5 no. 10:116-118 O '62.

CATTLE—FEEDING AND FEEDS

(see also subdivision under Ukraine)

Important reserves in the intensive fattening. K. Stepanov. Agitator no. 11:38-39 Je '62.

CATTLE—PARASITES see Parasites—Cattle

CAUCASUS—BENTONITE

Microelement content in Upper Cretaceous bentonites in the northeastern slope of the Lesser Caucasus. Kh.A. Alizade. Izv. AN Azerb. SSR. Ser. geol.-geog. nauk i nefti no. 3:83-90 '62.

CAUCASUS—DIKES (GEOLOGY)

Dikes and mineralization of the Mekhmana ore region. K.I. Museibov. Izv. AN Azerb. SSR. Ser. geol.-geog. nauk i nefti no. 3:85-90 '62.

CAUCASUS—GLACIERS

Glaciological studies in the Caucasus Mountains. Sh.V. Khmaladze. Meteor. i gidrol. no. 11:52-53 N '62.

Kharkov. Universytet. Kavkazskaia ekspeditsiia. [Material of the Caucasian Expedition (under the program of the International Geophysical Year)] Materialy Kavkazskoi ekspeditsii (po programme Mezhdunarodnogo geofizicheskogo goda). Khar'kov, Izd-vo Khar'kovskogo gos. univ.

Vol. 3. 1961. 439 p.

CAUCASUS—HYDROLOGY—TABLES, CALCULATIONS, ETC.

[Hydrological yearbook] Gidrologicheskii ezhegodnik. Leningrad, Gidrometeoizd-vo.

1960. Vol. 3. [Caucasian river basins] Basseĭny rek Kavkaza.

Nos. 2-5. [Black Sea basin from the Psou River basin to the Kuban River basin and the Caspian Sea basin southward from the Terek River basin to the Kura River basin in Chernogo morfa i basseina r. Kuban' do g. Novorossiĭska vklyuchitel'no i basseina r. Terek do g. Mozdok vklyuchitel'no, i Kaspiĭskogo moria k iugu ot basseina r. Terek do granitsy. Pod red. T.N. Dzhaparidze. 1962. 376 p.

CAUCASUS—NAMES, GEOGRAPHICAL

The names "Albania" and "Arran." Iu. Iu. Ivanov. Izv. AN Azerb. SSR. Ser. obshchestv. nauk no. 11:71-78 '61.

CAUCASUS—ORE DEPOSITS

Dikes and mineralization of the Mekhmana ore region. K.I. Museibov. Izv. AN Azerb. SSR. Ser. geol.-geog. nauk i nefti no. 3:85-90 '62.

CAUCASUS—RIVERS

Vertical zoning of source materials of rivers in the northeastern part of the Lesser Caucasus [in Azerbaijani with summary in Russian]. Iu.S. Dadashev. Izv. AN Azerb. SSR. Ser. geol.-geog. nauk i nefti no. 3: 119-122 '62.

CAUCASUS—SOIL CHEMISTRY

Some genetic characteristics of mountain-forest brown soils of the southern slope of the Greater Caucasus Range. B.I. Gasanov. Izv. AN Azerb. SSR. Ser. biol.-med. nauk no. 4:97-106 '62.

CAUCASUS, NORTHERN—AGRICULTURE

Problems of agricultural development in the North Caucasian Economic Region. E.P. Maslov. Izv. AN SSSR. Ser. geog. no. 6:50-59 N-D '62.

CAUCASUS, NORTHERN—AGRICULTURE—ACCOUNTING

Practice in using the journal-voucher accounting system. N.F. Makarov. Uchet i fin. v kolkhoz. i sovkhoz. 12 no. 12:13-15 D '62.

CAUCASUS, NORTHERN—BORERS (INSECTS)—EXTERMINATION

Sphenoptera lutshniku on sainfoin V. A. Pokatacv. Zashch. rast. ot vred. i bol. 6 no. 8 57 Ag '61.

CAUCASUS, NORTHERN—CHALCOPYRITE

Regularities in the location of pyritic copper ores in the Northern Caucasus. E. A. Snezhko. Zakonom. razm. poleza. iskop. 5:335-344 '62.

CAUCASUS, NORTHERN—GAS, NATURAL—GEOLOGY

Lower Cretaceous continental deposits of western Ciscaucasia. A. A. Shimanskii. Dokl. AN SSSR 147 no. 3:679-682 N '62.

CAUCASUS, NORTHERN—GEOLOGY, STRATIGRAPHIC

Lower Cretaceous continental deposits of western Ciscaucasia. A. A. Shimanskii. Dokl. AN SSSR 147 no. 3:679-682 N '62.

CAUCASUS, NORTHERN—GROUND BEETLES—EXTERMINATION

The ground beetle Zabrus tenebrioides in the Northern Caucasus. A. D. Orishchenko. Zashch. rast. ot vred. i bol. 6 no. 8 23 Ag '61.

CAUCASUS, NORTHERN—MOUNTAINEERING

[Toward the snowy peaks of the Caucasus, reminiscences of mountain climbers] K sedoglavym vershinam Kavkaza, vospominaniia al'pinistov. [Stavropol] Stavropol'skoe knizhnoe izd-vo, 1962. 182 p.

CAUCASUS, NORTHERN—OIL SANDS

Some data on fracturing in Cretaceous sediments of the Argun-Sunzha interfluve (Northern Caucasus) T. V. Dorofeeva, G. IA. Gaas. Trudy VNIGRI no. 193 96-101 '62.

Study of fracturing in Upper Cretaceous rocks of the northeastern Caucasus. M. Kh. Bulach, M. F. Kaplan. Trudy VNIGRI no. 193 30-55 '62.

CAUCASUS, NORTHERN—PETROLEUM GEOLOGY

Alferov, B. A. [Aleksandriyskaya well (Northern Caucasus)] Aleksandriiskaia opornaia skvazhina (Severnyi Kavkaz). Leningrad, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, Leningrad otd-nie, 1962. 66 p. (Leningrad. Vsesoiuznyi neftianoi nauchno-issledovatel'skii geologorazvedochnyi institut. Trudy, no. 192)

CAUCASUS, NORTHERN—ROCKS, CARBONATE

Upper Cretaceous carbonate rocks of the Karabulak-Achaluki and Zumenkul deposits. L. P. Gmid. Trudy VNIGRI no. 193 22-29 '62.

CAUCASUS, NORTHERN—SAINFOIN—DISEASES AND PESTS

Sphenoptera lutshniku on sainfoin. V. A. Pokatacv. Zashch. rast. ot vred. i bol. 6 no. 8:57 Ag '61.

CAUCASUS, NORTHERN—TEMPERATURE

Method of forecasting the average winter temperature in distant pastures of the Northern Caucasus. A. K. Antonova. Meteor. i gidrol. no. 12 26-29 D '62.

CAULIFLOWER

Nature of the cauliflower head and some characteristics of its anatomical structure. A. I. Klimova. Trudy po prikl. bot., gen. i sel. 34 no. 2:28-40 '61.

CAUSATION

M. F. Akhundov's views on causality [in Azerbaijani with summary in Russian] R. G. Mamedov. Izv. AN Azerb. SSR. Ser. obshchestv. nauk no. 10:65-73 '62.

CAUSTOBIOLITHS—ANALYSIS

Petrenko, I. G. [Isotopes in the geochemistry of causobiolithes] Izotopy v geokhimii kaustobiolitov. Moskva, Izd-vo Akad. nauk SSSR, 1962. 85 p.

CAVES see subdivision under Crimea; Pechora Valley

CAVITATION

Cavitation crisis of the discharge. L. G. Petrosian. Izv. AN Arm. SSR, Ser. tekh. nauk 15 no. 5:43-50 '62.

Relationship between stalling cavitation and vortexes. A. F. Dol'nikov. Sbor. trud. Lab. gidr. mash. AN URSR no. 10 157-159 '62.

Trajectory of the motion of a cavity during a separation flow. S. S. Avetisov. Izv. AN Arm. SSR, Ser. tekh. nauk 15 no. 5:51-58 '62.

Using cavitation originated by electric discharges for preventing the obstruction of condenser tubes. A. E. Dol'nikov. Sbor. trud. Lab. gidr. mash. AN URSR no. 10 164-171 '62.

CEILINGS

Prefabricated ceilings supported by mortarless bearing elements, and the strength of panel walls. A. Shishkin, E. Bravinskii. Strol. i arkhit. Mosk. 11 no. 12:14-17 D '62.

CELL DIVISION (BIOLOGY)

Multiplication of nerve cells in the solar plexus of man. M. F. Raiskaia. Uch. zap. Volg. gos. ped. inst. no. 13: 149-152 '61.

CELLS

Biology of a tumor cell. IA. V. Dobrynin. Nauka i zhizn' 29 no. 10 49-51 O '62.

CELLULOSE

Alkali soluble carboxymethyl cellulose and possibilities of its use in the paper and textile industries. G. A. Petropavlovskii, G. G. Vasil'eva. Trudy LTA no. 91 115-121 '60.

Applying the luminescent method of studying the sorption of water by celluloses to characterize their structure. I. N. Efremenko, M. Z. Gavrilov, L. F. Gladchenko. Trudy LTA no. 91 83-87 '60.

Change of the structure of the sulfate cellulose fiber in the process of preparing pulp for the production of thin condenser paper. L. F. Akim, L. IA. Zbrozhek. Trudy LTA no. 91 39-47 '60.

Changes of some characteristics of cellulose during oxidation. F. P. Komarov, Z. D. Kuz'mina, K. P. Iziumskaia. Trudy LTA no. 91 89-94 '60.

Changes of the functional groups of viscose cellulose in the process of its bleaching. L. E. Akim and others. Zhur. prikl. khim. 35 no. 11:2531-2538 N '62.

Constants of the dissociation of glucuronic acid and cellulose oxidized by nitrogen dioxide. IU. G. Zverev. Trudy LTA no. 91 71-82 '60.

Determining the amount of water retained in cellulose. R. Kh. Roshier. Trudy LTA no. 91 21-26 '60.

Effect of ionizing radiations on the fibers of wood cellulose. F. I. Korchemkin, IU. M. Malinskii, G. V. Sukhov. Trudy LTA no. 91 101-104 '60.

Effect of polydispersity on the elastic and viscous properties of cellulose and its grinding quality. N. IA. Solechnik, V. P. Alikin. Trudy LTA no. 91, 19-61 '60.

Heat of wetting and sorption of water vapor by cellulose substances. A. V. Dumanskii, E. F. Nekriach. Trudy LTA no. 91 3-10 '60.

Investigating the chemical transformations of cellulose during oxidation by nitrogen-dioxide using infrared spectroscopy. A. B. Politk. Trudy LTA no. 91 95-100 '60.

Solution of cellulose and other polymeric materials. A. I. Meos, M. N. Vishniakova, E. A. Bykova. Trudy LTA no. 91 27-31 '60.

Structure of cellulose chain molecules. V. I. Ivanov and others. Trudy LTA no. 91 33-37 '60.

Synthesis of new cellulose derivatives. Part 22. Synthesis of a graft copolymer of cellulose with polyvinylidene chloride [with summary in English] A. G. Isprsvnikova, L. S. Sletkina, Z. A. Rogovin. Vysokom. soed. 4 no. 12 1790-1795 D '62.

Thermodynamics of the interaction of cellulose with water and water solutions of electrolytes. Report No. 3. K. P. Mishchenko, N. F. Dymarchuk, A. I. Sergeeva. Trudy LTA no. 91 65-70 '60.

CELLULOSE—ELECTRIC PROPERTIES

Studying the adsorption and electrokinetic characteristics of sulfite and sulfate celluloses in relation to aluminum salt solutions. V. I. Uriev, S. S. Pozin, G. M. Skurikhina. Trudy LTA no. 91 11-20 '60.

CELLULOSE ACETATE

Plasticizing action of compounds dissolving cellulose triacetate. L. V. Rozental', F. G. Zhurina, O. K. Smirnov. Zhur. prikl. khim. 35 no. 11:2512-2520 N '62.

CELLULOSE-DECOMPOSING BACTERIA see Bacteria, Cellulose-decomposing

CELLULOSE ESTERS

Synthesis of myrtenyl ester of cellulose. Report No. 1. E. N. Liubimova. Trudy LTA no. 91 135-141 '60.

CELLULOSE LIQUOR see Sulfite liquor

CELLULOSE XANTHATES

Effect of electrolytes on the solution properties of xanthogenates of various degrees of substitution. L. A. Abramova. Trudy LTA no. 91:123-134 '60.

CEMENT

Automatic control of the process of grinding clinker in mills with a separator. G. M. Finkel'. TSement 28 no. 6 20-21 N-D '62.

Cement requirements of precast reinforced concrete. A. E. Sheikin. TSement 28 no. 6 6-8 N-D '62.

Effect of the mineralogical composition and degree of dispersion of cement on the physicomechanical properties and frost resistance of asbestos cement. T. M. Slavina, P. I. Sokolov. Trudy NIIAsbestcementa no. 13:100-113 '62.

Using hydro-cyclones for grading cement slurries of plastic raw material. L. A. Bernshtein and others. TSement 28 no. 6:12-15 N-D '62.

CEMENT—TRANSPORTATION

The S-652 cement truck. Na strol. Ros. 3 no. 9:2 of cover S '62.

CEMENT INDUSTRIES

(see also subdivision under Armenia, Krichov, Moscow Province, Tatar A. S. S. R.)

Activate the potentials of production. TSement 28 no. 6 1-2 N-D '62.

CEMENT INDUSTRIES—BIBLIOGRAPHY see Bibliography—Cement industries

CEMENT INDUSTRIES—LABOR PRODUCTIVITY

Secure a further increase in labor productivity. TSement 28 no. 6:23 N-D '62.

CEMENT KILNS

Factory manufacture of outsize cement kiln bodies. G. V. Raevskii, S. M. Biletskii, A. S. Pal'chevskii. Mont. i spets. rab. v strol. 24 no. 12 2-6 D '62.

CEMENT PLANTS

Causes of damage to elements of buildings and structures at cement plants. N. P. Utenko. TSement 28 no. 6: 9-10 N-D '62.

Ways to increase the output of cement. N. F. Tupitsyn, A. A. Okhrem. TSement 28 no. 6:5-6 N-D '62.

CENSORSHIP

Black shadow of the persecutors of books. V. Donchik, O. Molodchykov. Volov ateist no. 6 38-41 Je '62.

CENSUS see subdivision under Russia; Uzbekistan

CENTRAL ASIA see Asia, Central

CENTRAL ASIA, SOVIET see Soviet Central Asia

CENTRAL BLACK EARTH REGION—AGRICULTURE

Basic agricultural problems in the Central Black Earth provinces. I. A. Skachkov. Zemledelie 24 no. 7 3-12 Jl '62.

CENTRAL BLACK EARTH REGION—RUNOFF

Recent and future water balance in the provinces of the Central Black Earth Region. A. M. Grin. Izv. AN SSSR. Ser. geog. no. 6 34-42 N-D '62.

CENTRAL BLACK EARTH REGION—SUGAR BEETS

Improved fall tillage in the Central Black Earth areas. V. K. Rykun. Zemledelie 24 no. 7 61-66 Jl '62.

CENTRAL BLACK EARTH REGION—TILLAGE

Improved fall tillage in the Central Black Earth areas. V. K. Rykun. Zemledelie 24 no. 7 61-66 Jl '62.

CENTRAL BLACK EARTH REGION—WHEAT—FERTILIZERS AND MANURES

Side dressing of winter crops. V. A. Sukhoivanov, V. G. Mukhin. Zemledelie 24 no. 7 42-46 Jl '62.

CENTRAL EUROPE—POPLAR

Culture of poplar in Central Europe. M. I. Shendrykov. Nauk. pratsi Ilchosp. fak. UASHN 16 no. 3:94-99 '60.

CENTRAL INDUSTRIAL REGION—REVOLUTION, 1917-1921

History of the organization of the Red Guards in the Central Industrial region, February-October, 1917 [with summary in English, p. 222]. G. A. TSypkin. Vop. ist. no. 11:78-96 N '62.

CENTRIFUGAL PUMPS—TESTING

Testing centrifugal pumps under working conditions. V. D. Slepisov. Vod. i san. tekh. no. 10 26-29 O '62.

CENTRIFUGES

Causes of the break of the rotor axle of a centrifuge. A. Gal'perin, V. Kudinov. Tekh. v sel'khoz. 22 no. 10: 50 O '62.

Using hydro-cyclones for grading cement slurries of plastic raw material. L. A. Bernshtein and others. TSement 28 no. 6 12-15 N-D '62.

CERAMIC INDUSTRIES

(see also subdivision under Kharkov)

Under the banner of the Great October Revolution! Steklo i ker. 19 no. 11:1-3 N '62.

CERAMIC METALS

"Ceramic metal solid solutions" by V. I. Tret'iakov. Reviewed by M. IU. Balshin. Poroshk. met. 2 no. 6: 104-105 N-D '62.

Fedorchenko, I. M. [Ceramic metal products in the national economy] Metalokeramichni vyroby u narodnomu hospodarstvi. Kyiv, 1962. 39 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR. Seriia 7, no. 7)

Fine structure of X-ray K absorption spectra of titanium in complex solid solutions of the system TiC - TiN. Poroshk. met. 2 no. 6 81-84 N-D '62.

Production and certain properties of materials on a basis of silicon carbide with additions of boron and aluminum [with summary in English]. N. D. Antonova, A. A. Kalinina, V. I. Kudriavtsev. Poroshk. met. 2 no. 6:54-60 N-D '62.

CERAMIC METALS—TESTING

Investigating the physical properties and the structure of alloys in the system TiC - WC - Co [with summary in English]. V. F. Funke, S. I. IUdkovskii, V. S. Panov. Poroshk met. 2 no. 6 61-66 N-D '62.

CERAMICS

(see also subdivision under Armenia)

Effect of additions of electrolytes on the electrophoretic precipitation of ceramic masses from suspensions. A. I. Avgustinik, V. S. Vigdergauz, G. I. Zhuravlev. Zhur. prikl. khim. 35 no. 10 2338-2341 O '62

Electrophoretic precipitation of ceramic masses from suspensions and calculation of the yield of precipitate. A. I. Avgustinik, V. S. Vigdergauz, G. I. Zhuravlev. Zhur. prikl. khim. 35 no. 10 2175-2180 O '62.

From the pages of foreign magazines. Stek. i ker. 19 no. 11 44-45 N '62.

Manufacture of ceramic blocks and single-layer exterior reinforced ceramic slabs made of them. E. G. Pudovkin. Stroi. mat. 8 no. 11 24-26 N '62

Nokhratian, K. A. [Drying and firing in the structural ceramics industry] Sushka i obzhig v promyshlennosti stroitel'noi keramiki. Moskva, Gosstroiizdat, 602 p.

Presnov, V. A., IU. B. Novodvorskii, and M. P. IAkubenia. [Principles of the techniques and physics of bonding] Osnovy tekhniki i fiziki spaia. Pod red. V. A. Presnova. Tomsk, Izd-vo Tomskogo univ., 1961. 233 p.

We answer readers' questions. Stek. i ker. 19 no. 11 43 N '62.

Welded diaphragm pump with one or two plungers for slip. I. M. Kershenbaum, A. I. Trushchelev. Stek. i ker. 19 no. 11 39 N '62.

CEREBRAL ARTERIOSCLEROSIS

Characteristics of the compensation for mental activity deficiencies in cerebral atherosclerosis. B. V. Zeigarnik. Trudy Gos. nauch.-issl. inst. psikh. 25 255-263 '61.

Characteristics of the mental disorders in cerebral atherosclerosis in combination with alcoholism. G. M. Entin. Trudy Gos. nauch.-issl. inst. psikh. 25. 17-74 '61.

Classification of atherosclerotic diseases of the brain and the organization of therapeutic aid. A. M. Chirkov. Trudy Gos. nauch.-issl. inst. psikh. 25:396-406 '61.

Clinical characteristics of atherosclerotic dementia in senility and its delimitation from senile dementia. D. B. Golant. Trudy Gos. nauch.-issl. inst. psikh. 25 105-118 '61.

Clinical statistical analysis of autopsy material in cerebral arteriosclerosis with mental disorders. IU. E. Raikhel'skii. Trudy Gos. nauch.-issl. inst. psikh. 25. 315-326 '61.

Comparative characteristics of a disorder in the dynamics of thinking in initial arteriosclerosis of the vessels of the brain and schizophrenia. IU. F. Polikov. Trudy Gos. nauch.-issl. inst. psikh. 25:264-277 '61.

Diagnosis of initial atherosclerosis of the vessels of the brain. V. M. Banshchikov. Trudy Gos. nauch.-issl. inst. psikh. 25 6-22 '61.

Differential diagnosis of atherosclerotic parkinsonism and paralysis agitans; the clinical aspects and pathomorphology. P. B. Kazakova, G. A. Mashanova. Trudy Gos. nauch.-issl. inst. psikh. 25 278-314 '61.

Differential diagnosis of syphilitic and atherosclerotic parkinsonism. G. A. Mashanova, A. U. Umankulov. Trudy Gos. nauch.-issl. inst. psikh. 25 157-168 '61.

Dynamics of higher nervous activity and the state of neurovascular regulation in cerebral atherosclerosis. V. M. Banshchikov, V. I. Savchuk. Trudy Gos. nauch.-issl. inst. psikh. 25:159-184 '61.

Dynamics of the bioelectrical activity of the brain and the state of the capillaries in cerebral atherosclerosis with insomnia during the period of electrosleep therapy. E. I. Kulikova (Lebedinskaia). Trudy Gos. nauch.-issl. inst. psikh. 25:228-242 '61.

EEG data in cerebral atherosclerosis and hypertension with mental disorders. IU. N. Fedorovskii. Trudy Gos. nauch.-issl. inst. psikh. 25:202-204 '61.

Emotional disorders in atherosclerosis of the vessels of the brain. K. A. Bobkova. Trudy Gos. nauch.-issl. inst. psikh. 25 36-46 '61.

Hallucinatory paranoid states in cerebral atherosclerosis at a late age; report No. 2. I. A. Maslov. Trudy Gos. nauch.-issl. inst. psikh. 25:75-86 '61.

Maniacal states in hypertension and atherosclerosis of the vessels of the brain. IU. E. Raikhel'skii. Trudy Gos. nauch.-issl. inst. psikh. 25:87-95 '61.

Materials from a study of corticovisceral interrelationships in cerebral atherosclerosis with mental disorders. IU. N. Uspenskii. Trudy Gos. nauch.-issl. inst. psikh. 25:243-254 '61.

Metacratropic reactions in atherosclerosis of the vessels of the brain, neuroses and traumatic encephalopathies. E. I. Kulikova (Lebedinskaia). Trudy Gos. nauch.-issl. inst. psikh. 25 745-762 '61.

Pathoanatomical materials on the problem of psychoses related to hypertension in combination with atherosclerosis. V. P. Kushelev. Trudy Gos. nauch.-issl. inst. psikh. 25:667-677 '61.

Pathophysiological characteristics of a geriopathic-hypochondriacal syndrome in cerebral atherosclerosis. E. S. Tolmasskaia. Trudy Gos. nauch.-issl. inst. psikh. 25, 218-227 '61.

Some clinical characteristics of initial atherosclerosis in patients who have suffered contusion of the brain. K. A. Bobkova, V. V. Gromova. Trudy Gos. nauch.-issl. inst. psikh. 25 23-35 '61.

Some problems in preventing mental disorders in cerebral atherosclerosis. I. N. Bobrova. Trudy Gos. nauch.-issl. inst. psikh. 25:386-395 '61.

Treatment of atherosclerotic psychoses. V. M. Banshchikov, V. I. Levi. Trudy Gos. nauch.-issl. inst. psikh. 25 368-385 '61.

Treatment with Aralia mandschurica infusion of an asthenic state in cerebral vasopathy and initial atherosclerosis of the vessels of the brain. S. L. Skornikova. Trudy Gos. nauch.-issl. inst. psikh. 25 335-341 '61.

Treatment with the sum of saponins from Dioscorea caucasina and blue valerian in cerebral atherosclerosis with mental disorders. V. V. Gromova. Trudy Gos. nauch.-issl. inst. psikh. 25:327-331 '61.

Unique speech disorders of fanciful character expressed in atherosclerotic dementia. D. B. Golant. Trudy Gos. nauch.-issl. inst. psikh. 25:119-130 '61.

Vegetative disorders in cerebral atherosclerosis with initial mental disorders (a disorder of vasomotor innervation). I. N. Bobrova. Trudy Gos. nauch.-issl. inst. psikh. 25 195-201 '61.

CEREBRAL CORTEX

Change in the electrical activity of the cerebral cortex of the rabbit under the influence of an ultrahigh frequency electromagnetic field. Report No. 1. The effect of an ultrahigh frequency field on the electroencephalogram of intact rabbits [with summary in English]. IU. A. Kholodov, Z. A. IAnson. Biul. eksp. biol. i med. 54 no. 11:8-12 N '62.

Controversial problems in the theory of the unconditioned reflex activity of the cerebral cortex in man and in animals [with summary in English]. L. S. Levin. Zhur. vys. nerv. deiat. 12 no. 1:44-53 Ja-F '62.

Effect of bilateral destruction of the cortex of the orbital and anterior gyrus [sic] of Sylvius on unconditioned and conditioned salivation in dogs [with summary in English]. V. N. Kovalenko. Zhur. vys. nerv. deiat. 12 no. 1 135-144 Ja-F '62.

Electrophysiological characteristics of cerebral cortex function in a pain reaction. Report No. 1. L. A. Idiatova. Zdrav. Kazakh. 22 no. 3 51-54 '62

Neural regulation of the bromine level in the blood at various stages of the rheumatic process in children [with summary in English]. A. A. Volkova. Zhur. vys. nerv. deiat. 12 no. 1 74-81 Ja-F '62.

Rhythm assimilation as a method for the functional evaluation of the cerebral cortex in hypertension [with summary in English]. L. I. Il'ina. Klin. med. no. 9 82-89 '62.

Significance of the rate of afferent stimulation for the level of functional lability of the cerebral cortex [with summary in English]. R. L. Rabinovich. Zhur. vys. nerv. deiat. 12 no. 1:40-43 Ja-F '62.

Study of the physiological mechanisms of speech [with summary in English]. R. V. Tonkova-IAmpolskaia. Zhur. vys. nerv. deiat. 12 no. 1:82-87 Ja-F '62.

Treatment of hypotony. G. V. Ryzhikov. Trudy Gos. nauch.-issl. inst. psikh. 25:440-449 '61.

CEREBRAL HEMORRHAGE see Apoplexy

CEREBROSPINAL FLUID

Composition of the cerebrospinal fluid in animals under some types of Anesthesia. I. H. Bilchrudov. Visnyk sil'hosp nauky 5 no. 11:108-111 N '62

Registration of cerebrospinal fluid pressure [with summary in English]. G. D. Luchko, A. D. Smirnov. Klin. med. no. 9 28-31 '62.

CEREBROVASCULAR DISEASE

Agrypnotic syndrome in vascular and traumatic diseases of the brain and neuroses and the change in it under the influence of electrosleep. E. I. Kulikova (Lebedinskaia). Trudy Gos. nauch.-issl. inst. psikh. 25 763-778 '61.

Biochemical changes in vascular diseases of the brain with mental disorders during the period of treatment. V. M. Banshchikov, L. I. Lando, IU. L. Zakharin. Trudy Gos. nauch.-issl. inst. psikh. 25:205-217 '61.

Changes in the permeability of the vascular wall in cerebrovascular diseases accompanied by mental disorders. V. V. Zakharova. Trudy Gos. nauch.-issl. psikhonevr. inst. 28, 127-161 '62

Clinical aspects and treatment of cerebrovascular disorders complicated by some harmful occupational factors. R. G. Golodets. Trudy Gos. nauch.-issl. inst. psikh. 25:603-619 '61.

Clinical aspects and treatment of obsessive states in vascular lesions of the brain and neurosis. V. M. Banshchikov, A. G. Ambrumova, I. N. Bobrova. Trudy Gos. nauch.-issl. inst. psikh. 25, 90-104 '61.

Clinical characteristics and disorders of higher nervous activity in cerebral vasopathy. Z. V. Kosenko, V. I. Savchuk. Trudy Gos. nauch.-issl. inst. psikh. 25:518-537 '61.

Comparative characteristics of subject and verbal classification as methods for studying thinking in vascular and other mental diseases. T. I. Tepenitsyna. Trudy Gos. nauch.-issl. inst. psikh. 25:725-732 '61.

Conservative therapy of acute disorders of cerebral circulation. G. Z. Levin, V. A. Svetlichnyi. Klin. med. no. 9 155-158 '62.

Correlation of neurological symptoms and mental disorders in vascular diseases and atrophic processes in the cerebral cortex. A. M. Velsner. Trudy Gos. nauch.-issl. inst. psikh. 25 141-156 '61.

Cranial rheography in some vascular diseases [with summary in English]. G. I. Laina. Klin. med. no. 9 89-94 '62.

Data from a clinical and pathophysiological study of the therapeutic action of dicaline in the treatment of vascular diseases of the brain with mental disorders, report No. 2. V. I. Savchuk, V. V. Gromova, G. M. Fidin. Trudy Gos. nauch.-issl. inst. psikh. 25 352-367 '61.

Diagnostic significance of the determination of C-reactive protein in vascular lesions of the nervous system [with summary in French]. Ch. L. Kasaliten, I. IA. Dymshits. Zhur. nevr. i psikh. 62 no. 8:1176-1180 Ag '62.

Disorder of vascular tonus in traumatic vasopathy. M. P. Bazarova. Trudy Gos. nauch.-issl. inst. psikh. 25:779-786 '61.

Disorders of cerebral circulation in acute coronary insufficiency. N. K. Bogolepov, L. O. Badalian, T. A. Luzhetskaia. Trudy Gos. nauch.-issl. inst. psikh. 25 581-593 '61.

Effectiveness of late anticoagulant therapy in cerebral vascular thrombosis. L. IA. Livshits, S. O. Portnov. Klin. med. no. 9:137-139 '62.

Methods for studying the vasomotor sphere of patients suffering from vascular diseases of the brain. B. IA. Rubinshtein. Trudy Gos. nauch.-issl. inst. psikh. 25 700-725 '61.

Principles for the classification of vascular lesions of the nervous system [with summary in French]. N. K. Bogolepov. Zhur. nevr. i psikh. 62 no. 8:1137-1144 Ag '62.

Prognosis in hypertensive cerebral crises [with summary in French]. R. A. Tkachev, L. I. Aleksandrova, P. S. Prokhorova. Zhur. nevr. i psikh. 62 no. 8 1141 1148 Ag '62.

Role of the pathological sinuosity of the carotid and vertebral arteries in disorders of cerebral circulation [with summary in French]. E. V. Shmidt and others. Zhur. nevr. i psikh. 62 no. 8:1149-1159 Ag '62.

Some problems of cerebral circulatory disorders, based on materials of the neurology department of Tambov Province Hospital for 1955-1960. A. A. Shenfain. Trudy Gos. nauch.-issl. inst. psikh. 25:213-226 '61.

Therapeutic significance of suggestion and hypnosis in cerebral vasopathy. I. M. Vinik. Trudy Gos. nauch.-issl. inst. psikh. 25:548-550 '61.

Treatment of vascular diseases associated with mental disorders [with summary in French]. Z. S. Tvirinskii. Zhur. nevr. i psikh. 62 no. 8:1189-1192 Ag '62.

Treatment with aminazine of vascular patients with a geriopathic-hypochondriacal syndrome. K. A. Bobkova, V. V. Gromova. Trudy Gos. nauch.-issl. inst. psikh. 25:442-451 '61.

Use of piriton in the treatment of the cerebral forms of hypertension [with summary in English]. Z. N. Drachova, T. M. Kuznetsova. Klin. med. no. 9:103-106 '62.

CEREBROVASCULAR DISEASE—CONGRESSES

Thematic conference devoted to the pathology of the great vessels of the head. G. A. Makoudov. Vest. AMN SSSR 17 no. 6:83-88 '62.

CERES (PLANET)

Theory of the motion of Ceres. Part 3. Absolute second order perturbations of Ceres relative to the principal masses [with summary in French]. V. I. Prokof'eva. Trudy ITA no. 9:3-61 '62.

CERIUM ALUMINATE

Reactions between Ce_2O_3 and Al_2O_3 at high temperatures and properties of formed cerium aluminates. A. I. Leonov, F. K. Keler. Izv. AN SSSR. Otd. khim. nauk no. 11:1905-1910 N '62.

CERIUM BORIDE—OPTICAL PROPERTIES

Optical constants of LaB_6 and CeB_6 [with summary in English]. B. M. TSarev, S. V. Illarionov. Fiz. tver. tel. 2 no. 6:85-88 N-D '62.

CERIUM NITRIDE

Preparation of cerium nitride. G. V. Samsonov, M. D. Litvin. Zhur. prikl. khim. 35 no. 11:2450-2452 N '62.

CERIUM OXIDE

Reactions between Ce_2O_3 and Al_2O_3 at high temperatures and properties of formed cerium aluminates. A. I. Leonov, F. K. Keler. Izv. AN SSSR. Otd. khim. nauk no. 11:1905-1910 N '62.

CERIUM SALTS

Mutual volumetric determination of cerium salts and trisodium orthophosphate. A. I. Ul'ianov, T. I. Katal'nik. Izv. AN SSSR. Otd. khim. nauk no. 11:2098-2102 N '62

CERIUM SULFATE

Interaction of cerium (III) sulfate with orthophosphoric acid and its sodium salts in an aqueous solution at 25°C A. I. Ufimanov, T. I. Kazakova, E. IA. Rumiantseva Izv AN SSSR, Otd. khim nauk no 11 1910-1920 N '62

CESIUM

Effect of a magnetic field on phenomena in a diode with cesium vapors [with summary in English]. N. D. Morgulis, IU. I. Chutov. Ukr. fiz. zhur. 7 no 9:1003-1014 S '62

CESIUM—ISOTOPES

Half-life of Cs^{137} D. G. Fleishman, I. V. Burovina, V. P. Nesterov. Atom energ 13 no 6 592-593 D '62.

CESIUM BROMIDE CRYSTALS

Raman spectrum in the cesium bromide crystal A. I. Stekhanov, A. P. Korol'kov Fiz. tver. tela 4 no. 11: 3156-3160 N '62.

CESTODA *see* subdivision under Volga Valley

CEYLON—ECONOMIC CONDITIONS

Ancient Lanka today. Vladimir Li. Az. i Afr. ekog. no. 11:37-40 N '62.

CHAIKOVSKII, PETR IL'ICH, 1840-1893

IArustovskii, B. M. Čhaikovskii. 2. izd. Moskva, Gos. muzykal'noe izd-vo, 1961. 47 p. (MIU)

CHAINS

Welded links instead of cast. IU. N. Bondarenko. Mashinostroitel' no. 11,13 N '62.

CHALCID FLIES *see* subdivision under Khachmas District; Kuba District

CHALCOGENIDES

Molecular composition and vapor pressure of chalcogenides of the zinc subgroup **A. S. Pashinkin.** Zhur neorg. khim 7 no. 11:2632-2633 N '62

CHALCOPYRITE *see* subdivision under Caucasus, Northern

CHALYI, VLADIMIR EVDOKIMOVICH, 1905-1962

Vladimir Evdokimovich Chalyi; obituary A Mikoian and others. Kons. i ov. prom 17 no. 12:48 D '62

CHANY, LAKE—CHIRONOMIDAE

Distribution of Chironomus f. l salinarius Kieff under the conditions of a homogenous biotope [with summary in English]. E. P. Bitiukov. Zool. zhur. 41 no. 10 1503-1508 O '62.

CHAPAEV, VASILII IVANOVICH, 1887-1919

Kozlov, V. V. [Our Chapai; reminiscences of his personal chauffeur] Nash Chapai; vospominaniia lichnogo shofera. [Cheliabinsk] Cheliabinskoe knizhnoe izd-vo, 1961. 78 p.

CHAPLAINS, MILITARY

In the service of imperialistic armies. E. Semushin. Nauka i rel. 4 no. 12:32-35 D '62.

CHARACTERS AND CHARACTERISTICS IN LITERATURE

For the full-length portrayal of the heroes of our time. V Kochetov. Kommunist 39 no. 18:83-91 D '62.

CHARUSHIN, EVGENII IVANOVICH, 1901-

Grodenskii, G. P. [E. Charushin; an account of his life and works] E. Charushin, kritiko-biograficheskii ocherk. Leningrad, Detgiz, 1962. 48 p. (MH)

CHAVCHAVADZE, IL'IA GRIGOR'EVICH, 1837-1907

Gagoidze, V. A. [Philosophy of Il'ia Chavchavadze. Mirovozzrenie Il'i Chavchavadze. Tbilisi, Akad. nauk Gruzinskoi SSR] 1962. 401 p. [In Georgian]

CHECHEN-INGUSH A.S.S.R.—PETROLEUM CHEMICALS

Shock workers carry on. A. Zheleznlak. Neftianik 7 no. 5:5 My '62.

CHECHAN-INGUSH A.S.S.R.—PETROLEUM—REFINING

Shock workers carry on. A. Zheleznlak. Neftianik 7 no. 5:5 My '62.

CHECHEN-INGUSH A.S.S.R.—SOCIAL ETHICS

Reconciliation of the irreconcilables. Magomet Mamakaev, Viktor Shchepotev, Ogonek 40 no. 39, 14-15 S '62.

CHECHEN-INGUSH A.S.S.R.—STYLOLITES

Stylolites of Upper Cretaceous carbonate sediments in the Chechen-Ingush A. S. S. R. T. V. Dorofeeva, V T. Vychev. Trudy VNIGRI no. 193:187-191 '62.

CHEGEM VALLEY—SCHISTS

Albitized porphyroblastic schists in the Chegem-Kuban interfluve (Northern Caucasus). I S. Krasivskaya. Biul. MOIP. Otd geol. 37 no. 5:175-176 S-O '62.

CHEKHOV, ANTON PAVLOVICH, 1860-1901

"A P. Chekhov, his ideological and literary quest" by G. Bialik-ov. Reviewed by V. Khalizev Vop lit. 6 no. 10 217-220 O '62.

CHEKUNOV, IVAN AFANAS'EVICH, d 1928

Sheiest, P Z. [Life of a peasant deputy] Sud'ba khodoka. Moskva, Gospolitizdat, 1962. 61 p (Geroi i podvigi)

CHELYABINSK PROVINCE—ECONOMIC CONDITIONS

[Chelyabinsk Province in the period from the 21st to the 22d Congress of the CPSU, facts and figures] Cheliabinskaia oblast' ot XXI k XXII s"ezdu KPSS; tsifry i fakty [Cheliabinsk] Cheliabinskoe knizhnoe izd-vo, 1961. 152 p.

CHELYABINSK PROVINCE—STANDARDIZATION

Standardization in enterprises of the Chelyabinsk Economic Council. I. E. Tomin. Standartizatsiia 26 no. 11 38-40 N '62.

CHELYABINSK PROVINCE—TELECOMMUNICATION

Zemerov, N. I. [Development of telecommunications in Chelyabinsk Province in the seven year plan] Razvitie sviazi Cheliabinskoi oblasti v semiletke. [Cheliabinsk] Cheliabinskoe knizhnoe izd-vo, 1960. 21 p. (Besedy o semiletnem plane)

CHEMICAL AFFINITY

The affinity of niobium for oxygen G. IA Meerson, T. Segoreenu. Atom. energ. 13 no 6 597-599 D '62.

CHEMICAL APPARATUS

Automation of the preparation of the regenerative salt solution I N Gofman, G A Bezrodnyi. Energetik 10 no 10:8-9 O '62

Optimalizing control system for rapid technological processes. V. G. Ponomarenko, S. V. Ellis, E. E. Chernonosov. Koks i khim. no. 11 57-62 '62.

CHEMICAL APPARATUS—CORROSION

Theoretical comparison of the parameters of diffusion processes in tubes and on disks. V. M. Novakovskii, S. N. Fishman. [Trudy] UNIKHIM no. 9:71-92 '61.

CHEMICAL APPARATUS—WELDING

Automatic welding of chemical apparatuses of 1Kh18N9T steel. A. A Makarenko. Svar. proizv. no 5:21-24 My '62.

CHEMICAL BONDS

Empirical relationships between force constants, lengths, and frequencies of nitrogen-oxygen bond stretching vibrations. IU. IA. Kheiltonov Izv. AN SSSR Otd khim. nauk no. 11:1953-1960 N '62.

Failure of the theory of covalence of chemical bonds. A. O. Arzumanov. Izv. vys uch. zav.; khim. i khim. tekh. 5 no. 1:675-679 '62.

Use of phosphate binders in refractories. E. V. Degtiareva. Sbor. nauch. trud. UNIIO no. 5-290-298 '61.

CHEMICAL ELEMENTS

Lavrukhina, A K., and G M. Kolesov. [Formation of chemical elements in cosmic bodies] Obrazovanie khimicheskikh elementov v kosmicheskikh telakh. Moskva, Gosatomizdat, 1962. 171 p (Nauchno-populiarnaia biblioteka gosatomizdata)

CHEMICAL ELEMENTS—SPECTRA

Spectral determination of impurities in magnesium of high purity [with summary in English]. O. F. Degtiareva, L. G. Sinitsyna, A. E. Proskuriakova. Zhur. anal. khim 17 no. 6:926-930 N '62.

CHEMICAL ENGINEERING—EQUIPMENT AND SUPPLIES

[Chemical machinery manufacture] Ref. zhur. Otd. vyp. 47: Khim. mashinostr. no. 19 O '62.

Determination of the free volume (porosity) in a layer of plant materials. T. A. Zamorueva, IU [illegible] Izv. vys. uch. zav.; khim. i khim. tekh. '62.

Problems of automation at the First International Congress on Chemical Engineering Technology. Machinery Manufacture, and Automation. Leonov, V. N. Kratnov. Khim. prom. O '62.

CHEMICAL EQUATIONS

Obtaining the calculations of equations varying units of measurement. N. I. prikl. khim. 35 no. 10:2262-2268 O

CHEMICAL EQUILIBRIUM

Apparatus for studying phase equilibria systems at low temperatures. O. K. K. S. Konenkov. Trudy VNIIGAZ no.

Determining the equilibrium constant of ammonia dissociation over wide te pressure ranges [with summary in E Kessel'man, A. G. Tabachnikov. Inz no. 10 19-25 O '62.

Equilibrium of homogeneous gas mixti high pressure. IA. S. Kazarnovskii, skaia, I. P. Stdorov. Khim. prom. '62.

Experimental importance of the constants of equilibrium in hydrocarbons in some binary mixtures. IA D. Savvina. Trudy VNIIGAZ no. 17:185-196 '62

Graduation of apparatus for the study of phase equilibria of liquid-gas hydrocarbon systems. G S Stepanova Trudy VNIIGAZ no. 17:253-258 '62

New determination of the equilibrium constant of $I_2+I^- \rightleftarrows I_3^-$ by the distribution method. E. N. Rengevich, E. A. Shilov. Ukr. khim. zhur. 28 no. 9:1080-1086 '62.

Phase equilibria in triple hydrocarbon systems. IA. D. Savvina, A. S. Velikovskii. Trudy VNIIGAZ no 17:197-202 '62.

Study of phase equilibria in the methane-n-hexane system. G. S. Stepanova, IA. I. Vybornova. Trudy VNIIGAZ no. 17:203-208 '62.

CHEMICAL INDUSTRIES

Determining the total expenditure of work time per unit of production in the chemical industry. N. Fedorenko, I. Mashinskii. Biul. nauch. inform trud i zar. plate 5 no. 11:42-49 '62.

Experimental and model enterprises in the chemical industry. V. A. Nikitin. Mekh. i avtom. proizv. 16 no. 11 14-16 N '62.

"New chemistry and its raw materials" by B. A. Krentsel' and M. I. Rokhlin. Priroda 51 no. 12 87 D '62.

Role of the local organization of the D. I Mendeleev All-Union Chemical Society in carrying out the decisions of the March (1962) Plenum of the Central Committee of the CPSU IA. I. Kil'man. Zhur. VKHO 7 no 6 689 '62

CHEMICAL INDUSTRIES—HYGIENIC ASPECTS

Cancerogenic products in the chemical industry [with summary in English]. T A Korosteleva. Gig truda i prof zab 6 no 6 11-17 Je '62

CHEMICAL INDUSTRIES—PRODUCTION STANDARDS *see* subdivision under Donetsk Province

CHEMICAL INDUSTRIES—SAFETY MEASURES

Apparatus for determining the explosion hazard of gas-air media A N Baratov. Zhur. VKHO 7 no 6 672-677 '62.

Explosion-protected electrical equipment for explosion hazardous processes in the chemical industry. I. L. Rakovich. Zhur VKHO 7 no. 6-619-625 '62.

Modern methods for the prevention of explosions in automated chemical plants. I. S. Rotzen. Zhur. VKHO 7 no. 6 602-618 '62

Principles for the normalization of protection from static electricity in the chemical industry I. S Rotzen, B L. Kaner Zhur. VKHO 7 no. 6.626-632 '62

CHEMICAL MODELS

Inorganic models of Hill's reaction. A. A. Krasnovskii, G. P. Brin, Dokl. AN SSSR 147 no. 3:656-659 N '62.

CHEMICAL PLANTS *see* subdivision under Dzhambul; Erivan

CHEMICAL REACTION, RATE OF

Effect of pressure on the rate of A. E. Arbuzov reactions. M. G. Gonikberg, I. Z. Fainshtein. Dokl. AN SSSR 147 no. 3:612-614 N '62.

Formal kinetics of some concurrent bimolecular reactions and calculation of kinetic isotope effect in the distribution of isotopic molecules. G. A. Skorobogatov Izv. AN SSSR, Otd. khim. nauk no. 11:1954-1977 N '62.

Kinetics of reactions involving a solid phase. Part 1: Kinetic equations and determination of the specific rates of reactions. A. IA. Rozovskii. Kin. i kat. 3 no. 6:894-896 N-D '62.

Method of calculating the rate constant and distribution coefficient in reactions with high rate constant and low distribution coefficient in a system liquid - liquid with various concentrations of reagents A. A. Abramzon, M. V. Ostrovskii. Zhur prikl. khim. 35 no. 11:2426-2429 N '62.

Rate constants for elementary reactions in the process of oxidation of ethylbenzene by molecular oxygen V F

CHEMICAL REACTORS (Continued)

Effect of the reactor diameter on the conversion of methanol in the presence of a silver catalyst M V Poltakov N. P Evmeneko, V V Shalia Ukr khim zhur 28 no 9 1019-1023 '62

Hydrodynamics of a bubbling shell-and-tube reactor. V N. Sokolov, IU K. Gellis Khim prom no 10 757-761 O '62

Investigation and design of sieve gratings for sectioning reactors with a fluid-bed catalyst. I. IA. Tiurlaev, A. B. Bulev. Zhur. prikl. khim 35 no. 10 2224-2231 O '62

Nagiev, M F [Principles of the development of complex chemical processes and designing of reactors] Osnovy razrabotki kompleksnykh khimicheskikh protsessov i proektirovaniia reaktorov Pod red A. V. Topchieva Baku, Azerbaidzhanskoe gos. Izd-vo, 1961. 489 p

Role of the reaction vessel walls in the process of initiated polymerization of styrene IU N Poliakhchuk, T P. Kornienko, M. V. Polikov. Ukr khim zhur. 28 no 9 1024-1030 '62

CHEMICAL TESTS AND REAGENTS

Determination of cadmium with β-hydroxynaphthyl-α-aminopyridine [with summary in English] S I Gusev, A S. Pesis Zhur anal khim 17 no 7 843 O '62.

Photometric determination of cadmium by means of "bromobenzothiazo" [with summary in English] D A. Drapkina and others Zhur anal. khim. 17 no 8 940-944 N '62

CHEMICALS—DRYING

Drying of chemical products in air stream driers B S. Sazhin, IU A. Mikin Zhur VKHO 7 no. 6 704-706 '62

CHEMICALS—SAFETY MEASURES

Explosion-proofing in the production and use of carbon disulfide B. S Aronovich, G. V Smelkov, V S Smurov Zhur VKHO 7 no 6 667-672 '62.

Explosion-proofing in work with acetylene at high pressure I I. Strizhevskii. Zhur VKHO 7 no 6 632-640 '62

CHEMISTRY—ABSTRACTS

[Chemistry] Ref. zhur : Khim nos 17, 23-24 S, D '62 Avtorskii ukazatel' N-N, vol 3, 1961 g

CHEMISTRY—BIBLIOGRAPHY see Bibliography—Chemistry

CHEMISTRY—CONGRESSES

Second International Symposium on the Chemistry of Natural Compounds. I. V. Torgov. Vest. AN SSSR 32 no. 12:81-82 D '62.

CHEMISTRY—PROBLEMS, EXERCISES, ETC.

Reshetnikov, A. V. [Problems and exercises in chemistry for secondary schools, a manual for teachers] Sbornik zadach i uprazhnenii po khimii dlia srednei shkoly, posobie dlia uchitelei. Izd. 2., ispr. i dop. Moskva, Uchpedgiz, 1962. 92 p.

CHEMISTRY, ANALYTICAL

"Methods of infrared spectroscopy in chemical analysis" by I. Kessler. Reviewed by A. V Kariakin. Zhur anal khim. 17 no. 6:1031 N '62.

Theory of phototurbidimetric analysis, study by the method of light extinction of suspensions of calcium oxalate, silver iodide and ferrocyanide in the presence of an excess of precipitating agents and mineral acids. N. D. Podobed, E S. Kozhevnikova, L V. Strigina. Izv. vys. uch. zav., khim. i khim. tekh 5 no 1 544-549 '62.

CHEMISTRY, ANALYTICAL—QUANTITATIVE

"Gravimetric methods in chemical analysis. Vol. 1: Theory and procedures of gravimetric analysis. Vol 2: Determination of metals. Vol 3: Determination of nonmetals" by L. Erdey. Reviewed by N. Rudnev Zhur anal. khim. 17 no. 8:1032 N '62.

CHEMISTRY, INORGANIC—RESEARCH

Eternally young N N. Semenov, V. I Evdokimov Nauka i zhizn' 29 no 10 10-18 O '62.

CHEMISTRY, ORGANIC

students of medical dlia studentov medi- 1962.

Use of organomagnesium compounds in the synthesis of organic derivatives of the elements of groups II-V in an ether-free medium L. I Zakharkin, O IU Okhlobystin, B. N. Strunin Izv AN SSSR, Otd khim. nauk no. 11:2002-2008 N '62.

CHEMISTRY, PHYSICAL AND THEORETICAL

Multiplet theory of catalysis. Structural factors in catalysis. A. A. Balandin. Usp. khim. 31 no 11 1265-1308 N '62

CHEREMSHAN RIVER—INLAND WATER TRANSPORTATION

Passenger traffic on the Kuybyshev - Melekess line. I. Skrizhalin. Rech. transp. 21 no. 12:48 D '62.

CHERENKOV RADIATION

Cherenkov radiation and additional waves in a dielectric F G. Bass, M I Kaganov, V M IAkovenko Fiz. tver tela 4 no 11 3260-3265 N '62

Radiative corrections to energy losses of particles in a medium [with summary in English]. V. N. TSytovich. Zhur. eksp. i teor fiz. 43 no. 5:1782-1784 N '62.

Radiation from a magnetic monopole in a medium. A. A. Kolomenskii. Vest. Mosk un-ta. Ser 3. Fiz., astron 17 no. 6:56-58 N-D '62.

CHEREPOVETS—CONSTRUCTION INDUSTRY—TECHNOLOGICAL INNOVATIONS

Role of a technological development plan in reducing costs. E. Golubeva. Ekon. strol no. 12:30-35 D '62

CHERKASSY—BAPTISTS

The roots of religious beliefs. Mykh. Khomenko. Volov. ateist no. 6 21-23 Ag '62.

CHERKASSY—CANNING INDUSTRY

Our tasks IU. T. Maliarchuk. Konserv. i ov. prom 17 no 12 4-5 D '62

CHERKASSY—CLOTHING INDUSTRY

Advanced form of the organization of continuous production lines. A. A. Makarenko. Shvein. prom no. 6 4-6 N-D 62.

CHERKASSY—TEACHERS

An old teacher is proud of his achievements. IU. IUrchenko. Ukraina no. 20 24 O '62.

CHERKASSY PROVINCE—SWINE—FEEDING AND FEEDS

Some possibilities of increasing the production and reducing the costs of pork I O Alekseiev Visnyk sil'hosp nauky 5 no. 11, J-7 N '62

CHERKASSY PROVINCE—TILLAGE

Effect of various methods of tillage on soil properties and crop yields. M. M. Hodlin, M. P. Zmunchyleva. Visnyk sil'hosp. nauky 5 no. 10 89-92 O '62.

CHERNIKOV, SERGEI NIKOLAEVICH, 1912-

Sergei Nikolaevich Chernikov; on his 50th birthday. A. I. Mal'tsev, V. S. Chalin. Usp. mat. nauk 17 no. 5:177-181 S-O '62

CHERNOVTSY—ATHEISM—STUDY AND TEACHING

We harden the souls of young people. P. Melnyk Volov. ateist no. 7 29-31 Jl '62.

CHERNOVTSY—GUIDEBOOKS

Chernovtsy. Kraevedcheskii muzei. [Chernovtsy; handbook and guide] Chernivtsi; dovidnyk-putivnyk. Chernivtsy, Chernivets'ke obl. vyd-vo, 1959. 113 p.

CHERNOVTSY—MACHINERY INDUSTRY WORKERS

Shabashkevych, H. L. [Iaroslav Soltysyk's happiness] Shchastia Iaroslava Soltysyka. Stanislav, Stanislavs'ke oblasne knyzhkovo-gazetne vyd-vo, 1962. 14 p. (My v svit komunizmu idemo)

CHERNOVTSY PROVINCE see Bukovina

CHERNYAKHOV DISTRICT—COLLECTIVE FARMS—INTERFARM COOPERATION

Work the way N G. Zahlada appeals to you to work S Kovalchuk Sil' bud 12 no. 11 3-4 N '62.

CHERNYSHEV, ALEKSANDR ALEKSEEVICH, 1882-

Aleksandr Alekseevich Chernyshev (on the occasion of his 80th birthday). Izv. vys. ucheb. zav., prib. 5 no. 6:132-136 '62.

CHERNYSHEVSKII, NIKOLAI GAVRILOVICH, 1828-1889

Astakhov, V. G. [G. V. Plekhanov and N. G. Chernyshevskii; the methodological basis of Plekhanov's evaluation of Chernyshevskii's theory of literature and aesthetics] G. V. Plekhanov i N. G. Chernyshevskii; o metodologicheskikh osnovakh plekhanovskoi otsenki literaturno-esteticheskoi teorii Chernyshevskogo. Stalinabad, Tadzhikskii gos. univ., 1961. 343 p. (MH) (CaOTU)

"Chernyshevskii's views on aesthetics" by A. P. Belik; "N. G. Chernyshevskii" by B. Riurikov Reviewed by A. Lavretskii. Vop. lit 6 no. 11:212-217 N '62.

CHERRY

Sour cherries as raw material for producing juices and compotes. M. I. Panasiuk. Nauch. trudy Ukr. nauch.-issl. inst. sad. no. 38:111-121 '62.

CHERRY—VARIETIES see subdivision under Fruits

CHERSONESE (CITY)

Sevastopol', Khersonesskii gosudarstvennyi istoriko-arkheologicheskii muzei. [Tauric Chersonesus; guide to the museum and excavations] Khersones Tavricheskii; putevoditel' po muzeiu i raskopkam. Sudak-Simferopol', Krymizdat, 1962. 142 p

CHERUBINI, LUIGI, 1760-1842

Maria Callas in Cherubini's "Medea." Teatr 23 no. 11:191-192 N '62.

CHESS—TOURNAMENTS see subdivision under Moscow

CHESSMEN

Emmanuel Lasker A Igritskii, P Ilanov. Ukraina 7 no 11 74-76 N '62

CHEST—TUMORS

Clinical aspects of intrathoracic neurogenic tumors [with summary in English]. L. A. Novitskii. Khirurgiia 40 no. 10:47-53 O '62.

CHEST—WOUNDS AND INJURIES

Disorder of the coronary circulation in open chest wounds of the chest cavity. S. S Rabinovich. Fel'd i med. 46 no. 10:130-133 O '62.

CHIATURA—MANGANESE ORES

Comparative characteristics of the ratio of silicon, aluminum and iron in Chiatura manganese ores M. A. Kekelidze, A. V Perova Trudy Inst met AN Gruz. SSR 12 [illegible] '62

CHIATURA REGION—MANGANESE ORES

Results of the industrial sintering of washed concentrates of Chiatura manganese ores. M. A Kekelidze and others Trudy Inst met AN Gruz. SSR 12 29-38 '62

CHILD STUDY

Liublinskaia, A. A. [Discussions with the teacher on the development of the child] Besedy s vospitateliem o razvitii rebenka. Moskva, Uchpedgiz, 1962. 248 p.

Motor reaction of choice as an index of typological differences in preschool children. I. V. Ilarionova, M. K. Trifonova Dokl. APN 6 no. 5:[illegible] '62.

Special aspects of the primary development of a blind deaf child A. I. Meshcheriakov. Izv. APN [illegible] 41 '62.

Some special characteristics of blind children prior to their entering a training class. I. A. [illegible] lianskii. Izv. APN no. 121 112-118 '62

CHILDREN—CARE AND HYGIENE see subdivision under Turkestan

CHILDREN—DISEASES

Notkin, S. E. [Little children protected] Malen'kie pod zashchitoi. Moskva, Izd-vo "Znanie," 1962. 64 p. (Novoe v zhizni, nauke, tekhnike. VIII Serila [illegible] i meditsina, no. 24)

CHILDREN—GROWTH

(see also subdivision under Frunze)

Influence of active games and physical exercises on the physical development of the youngest children in a boarding school [with summary in English]. A. A. Guzhalovskii Pediatriia no. 7 20-21 '62

CHILDREN—HOSPITALS see subdivision under Evpatoriya

CHILDREN—LAW

Testimony of parties during the examination of cases over the custody of children S Ivanova [illegible] no. 11:30-31 Je '62.

CHILDREN—MANAGEMENT

About children and for children. P. Pankina Doshk. vosp. 36 no. 12:81-83 D '62.

Plasticine. K. Mal'tseva. Doshk. vosp. 35 [illegible] 12 80 D '62.

Productive work as a means of forming a stable collective in boarding schools. T. G. Ilovaiskaia Rad. shk. 41 no. 9:38-39 S '62.

CHILDREN—NUTRITION

Changes in the content of nucleic acids in blood of children of various ages with varying nutrition [with summary in English]. P. V. Simnikov. Vop. pit. 21 no. 4:10-14 Jl-Ag '62.

CHILDREN—SURGERY

Minutes of the pediatric surgery section of the Leningrad Surgical Society. Vest. khir. 89 no. 8:157-[illegible] '62.

CHILDREN, DEAF

Working on the development of the speech of deaf students in the grades 3 and 4 subject lessons. S. M. Zverenko. Ukr. mova v shkoli 12 no. 6:38-44 [illegible] '62.

CHILDREN'S CLOTHING

Supply children with good-looking and comfortable clothing. M. Golovenkova. Sov. profsoiuzy 18 no. 23 [illegible] '62.

CHILDREN'S CLUBS

[Club for children] Klub - detiam. Moskva, Izd-vo "Sovetskaia Rossiia," 1962. 170 p. (Biblioteka "Khudozhestvennaia samodeiatel'nost'," no. 23)

CHILDREN'S LIBRARIES see Libraries, Children's

CHILDREN'S LITERATURE

Kuprianova, K. N., and others [Extracurricular reading] Vneklassnoe chtenie, ukazki rukovodstva vneklassnym chteniem v nachal'noi shkole. Posobie dlia uchitelei nachal'nykh klassov. Moskva, Uchpedgiz, 1962. 93 p.

CHILDREN'S LITERATURE—BIBLIOGRAPHY see Bibliography—Children's literature

CHILDREN'S PARTIES

Gay Christmas tree. N. Kolchinskaia. Sov.profsoiuzy 18 no 23 17-18 D '62

CHILDREN'S PERIODICALS

Wide scientific horizons for little readers. Nauka i zhizn' 29 no 10 65-67 O '62

CHILDREN'S PLAYS

(see also subdivision under Norway)

Forty thousand times the question "Why?" is asked. N. Davydova. Teatr 23 no. 11:85-91 N '62

CHILE—ECONOMIC CONDITIONS

Chilean trade unions call for unity and struggle. Luis Figueroa. Vsem. prof. dvizh. no 11:3-7 N '62.

CHILE—TRADE UNIONS—CONGRESSES

Chilean trade unions call for unity and struggle. Luis Figueroa. Vsem. prof. dvizh. no. 11:3-7 N '62.

CHILE—YOUTH

The unity of chilean youth gets stronger. Emilio Rocco. Mol. mira no. 5/6:26-27 '62.

CHIMNEYS

Bel'skii, V. I., and B. V. Sergeev. [Industrial furnaces and smokestacks] Promyshlennye pechi i fabrichno-zavodskie truby. Moskva, Gosstroiizdat, 1962. 270 p.

CHIMPANZEES

Our friend, "the Pirate." Ukraina no 20:32 O '62

CHINA—AGRICULTURE—TAXATION

Special features of agricultural taxation in China in the late 19th and the early 20th century. A. I. Chekhutov. Krat. soob. Inst. nar. Az. no 55 84-93 '62

CHINA—APARTMENT HOUSES

Housing construction in China. P. Prikhod'ko. Stroi. i arkhit. 10 no 11 36-37 N '62.

CHINA—DESCRIPTION AND TRAVEL

Kukanov, A. A. [Way to the heart; a reporter's notebook] Doroga k serdtsu, reportazh. Tallin, Estonskoe gos. izd-vo, 1962. 87 p. (MH)

Ovchinnikov, V. V. [Conquering the dragon] Pokorenie drakona. Moskva, Detgiz, 1961. 124 p.

CHINA—ECONOMIC CONDITIONS

"Spring in Chinese gardens" [in French] by Jean Deschamps. Reviewed by G. Gerasimov. Az. i Afr. segi. no. 12:59-60 D '62.

CHINA—FOREIGN RELATIONS—INDIA

The imperialists and the conflict in the Himalayas. I. Andronov. Nov. vrem. 20 no 50:5-6 D '62

CHINA—FOREIGN RELATIONS—RUSSIA

Holubnychy, Vsevolod [A new conflict in the Communist camp] Novyi konflikt u komunistychnomu tabori. Munich, Suchasnist', 1962. 72 p. (CSt-H)

CHINA—HISTORY

A discussion of the nature of the Chinese Government in the period of peasant wars. V. A. Rubin. Vop. ist. no 12 171 D '62

Formation of the national demands of the revolutionary wing of the Chinese bourgeoisie, 1895-1900. A. M. Galgortev. Krat. soob. Inst. nar. Az. no 55:45-66 '62.

How the Communist Party of China tried to organize a united national antiimperialist front, 1922-1923. N. P. Vinogradov. Krat. soob. Inst. nar. Az. no 55: 94-111 '62.

Interpretation of the movement of the Chinese revolutionary bourgeoisie in the recent historical studies published outside the U. S. S. R. V. N. Nikiforov. Krat. soob. Inst. nar. Az. no 55:67-83 '62

Organization of the Chinese National Democratic Government in the liberated regions during the third revolutionary civil war. K. A. Martynov. Krat. soob. Inst. nar. Az. no 55 112-136 '62

"The reform movement in China at the end of the 19th century and Kang-Yu-wei" by S. L. Tikhvinskii. Reviewed by G. V. Efimov. Vop. ist. no 12 134-135 D '62

CHINA—LAND TENURE

Land tenure of the "Eight-banner Army" in China and the reasons of its decay, the 18th and 19th centuries. A. N. Khokhlov. Krat. soob. Inst. nar. Az. no 55:8-31 '62.

CHINA—MUSIC

Prosperity of a national art. V. Pasenchuk. Sov. muz. 26 no 10 125-129 O '62

CHINA—NAMES, GEOGRAPHICAL

Chinese geographic names and their Russian transliteration. I. A. Mitropol'skii. Geod. i kart. no 1 61-64 Ap '62

CHINA—PHOSPHORUS

Comparison of the basic regularities in the location of phosphorus deposits in the U. S. S. R. and the Chinese People's Republic. B. M. Gimmel'farb. Zakonom. razm. polezn. iskop. 3 131-163 '62

CHINA—TRADE UNIONS—OFFICERS

Head of our large family. Hsuan Wen. Sov. profsoiuzy 18 no 23 38-39 D '62.

CHINA—WATER RESOURCES DEVELOPMENT

Ovchinnikov, V. V. [Conquering the dragon] Pokorenie drakona. Moskva, Detgiz, 1961. 124 p.

CHINA—WATER SUPPLY

Glaciers will serve people. Wang Wei. Mol. mira no. 5/6:37 '62

CHINESE LANGUAGE—TRANSLITERATION INTO RUSSIAN

Chinese geographic names and their Russian transliteration. [A. A. Mitropol'skii. Geod. i kart. no 1.61-64 Ap '62

CHIRCHIK—ELECTROCHEMISTRY, INDUSTRIAL—TECHNOLOGICAL INNOVATIONS

Business and thoughts of volunteer engineering designers. B. Pak. Nar. khoz. Uzb. 4 no. 9 72-73 S '62.

CHIRCHIK—LIBRARIES AND READERS

All will become readers. G. Kaenzov. Bibliotekar' no. 12 36-38 D '62.

CHIRCHIK—POLITICS AND GOVERNMENT

More about the residential blocks which belong to business enterprises. G. Psenzov. Sov. deput. trud. no 11: 75-77 N '62

CHIRONOMIDAE see subdivision under Chany, Lake

CHISTOPOL' DISTRICT—PLANTS, PROTECTION OF

Using all possibilities for effective protection of crops. S. S. Mironov. Zashch. rast. ot vred. i bol. 7 no 6:1-2 Je '62

CHITA PROVINCE—INDUSTRIES

Denisov, N. S. [Lights of Transbaikal industry; industry of Chita Province from the 20th to the 22d Congress of the CPSU] Ogni zabaikal'skoi industrii; promyshlennost' Chitinskoi oblasti ot XX do XXII s"ezda KPSS. Chita, Chitinskoe knizhnoe izd-vo, 1961. 91 p. (Navstrechu XXII s"ezdu KPSS)

[MICROFILM]

CHKALOV PROVINCE see Orenburg Province

CHLORAL

Effect of chloral hydrate on electric responses in corpora quadrigemina and the cortex of the brain of a rabbit during rhythmical light stimulation [with summary in English]. A. G. Kopylov. Vest. LGU 17 no. 21:143-148 '62.

CHLORATES

Extraction-photometric determination of perchlorates in the presence of chlorates [with summary in English] V. A. Golosnitskaia, V. I. Petrashen'. Zhur. anal. khim. 17 no. 7 878-882 O '62.

CHLORIDES

Electrodeposition of lead from chloride baths. L. I. Filippova, G. A. Shmeleva. Izv. vys. uch. zav.; khim. i khim. tekh. 5 no. 4:624-628 '62.

Electrolytic separation of lead from chloride electrolytes. L. I. Filippova, V. P. Kuritsyna. Izv. vys. uch. zav., khim. i khim. tekh. 5 no. 4:621-624 '62.

Role of chlorides in the hydrothermal transportation of metals in the formation of ores. N. IU. Ikornikova. Geol. rud. mestorozh. no 5 20-33 S-O '62

CHLORIDES IN THE BODY

Correlation between blood chlorides and sodium in the blood plasma in acute myocardial infarct [with summary in English]. M. I. Zolotova-Kostomarova, V. A. Berzov. Vrach. delo no. 12:16-18 D '62.

Some data on physiological norms for blood sugar and chlorides in experimental animals. Lab. delo 8 no. 5: 58-59 My '62.

CHLORINATION

Chlorination of titanium slags in melted carnallite. A. B. Bezukladnikov. Zhur. prikl. khim. 35 no. 11:2380-2385 N '62.

CHLORINE

Effect of chlorine ions on the kinetics of cathodic deposition of an iron-nickel alloy. V. V. Sysoeva, A. L. Rotinian. Zhur. prikl. khim. 35 no. 11:2430-2435 N '62.

CHLORINE—ANALYSIS

High-frequency titration. Report No. 6. Determination of fluorine in fluoropolymers containing and free of chlorine [with summary in English] A. I. Filina, G. P. Shcherbachev, V. A. Zaringskii. Zhur. anal. khim. 17 no. 6,990-992 N '62.

CHLORINE INDUSTRY

Use of platinum-titanium anodes in the chlorine industry. L. M. Abramenko and others. Khim. prom. no. 10, 728-735 O '62.

CHLORINE ORGANIC COMPOUNDS

Chlorine organic insecticides (continuation). E. F. Granin. Zashch. rast. ot vred. i bol. 7 no. 6 41-42 Je '62

CHLOROFORM—SPECTRA

Vibrational absorption spectrum of chloroform as affected by pressure. IU. A. Kliuev, A. N. Petrenin. Dokl. AN SSSR 147 no. 3:653-655 N '62

CHLOROPHOS

Autocide chlorophos bands. S. G. Abdullaev, A. V. Vinogradov. Zashch. rast. ot vred. i bol. 7 no. 6, 33 Je '62

Mist spraying of chlorophos against the shield bug Eurygaster integriceps. D. M. Paikin and others. Zashch. rast. ot vred. i bol. 7 no. 2:20-21 F '62

Practices in applying chlorophos to grain crops. G. P. Beziodnyi. Zashch. rast. ot vred. i bol. 7 no. 2 19-20 F '62

CHLOROPHYLL

Changes of chlorophyll and nitrogen substances in tobacco leaves of different color during maturation and fermentation. A. G. Petrenko, Z. P. Belinkova. Sbor. nauch.-issl. rab. VITIM no. 152:131-140 '61.

Effect of soaking seeds in microelement solutions on changes in the chloroplast volume and the accumulation of chlorophyll in sugar beet leaves. N. A. Lipskaia. Vestsi AN BSSR, Ser. biial. nav. no 3 53-57 '62

Light and chlorophyll formation in green leaves. A. A. Shlyk and others. Priroda 51 no. 12:91-91 D '62

Qualitative changes in protochlorophyll (precursor of chlorophyll) in various plants [with summary in English] E. D. Buslova. Fiziol. rast. 9 no. 6:674-681 '62

CHLOROPICRIN

Mechanized disinsectization of the surface layer of stored bulk grain by chloropicrin. A. A. Brudnaia. Trudy VNIIZ no. 39 93-107 '60

CHLOROSIS (PLANTS)

Some characteristics of iron metabolism in iron-manganese chlorosis [with summary in English] B. A. Rubin, I. A. Chernavina, E. R. Kartashova. Fiziol. rast. 9 no. 6:657-662 '62.

CHLORPROMAZINE

Action of aminazine, chloracizine, phenamin and their combination on food and defense conditioned reflexes in rats in a labyrinth [with summary in English]. L. L. Shchelkunov. Zhur. vys. nerv. delat. 12 no. 173-180 Ja-F '62.

Characteristics of remissions and the restoration of work capacity in paranoid schizophrenia treated with aminazine [with summary in French]. L. M. Pigazina. Zhur. nevr. i psikh. 62 no. 8:1219-1224 Ag '62

Treatment of vascular diseases associated with mental disorders [with summary in French] Z. S. Tylevich. Zhur. nevr. i psikh. 62 no. 8:1189-1191 Ag '62.

Treatment with aminazine of vascular patients with a geriopathic-hypochondriacal syndrome. K. A. Bobkova, V. V. Gromova. Trudy Gos. nauch.-issl. inst. psikh. 25:342-351 '61.

Use of aminazine in the therapeutic department of a municipal hospital. IU. L. Anin, S. L. Tarashchanskaia, O. G. Ovsiannikova. Vrach. delo no. 12:120-121 D '62.

Use of aminazine under electroencephalographic control in the treatment of brucellosis. S. Zh. Tleulin. Zdrav. Kazakh. 22 no 3:18-21 '62.

CHLORTETRACYCLINE

Intestinal microflora in chlortetracycline and vitamin therapy of dysentery [with summary in English]. N. I. Korabel'nikova, A. L. Buldakova. Antibiotiki 7 no. 9: 822-825 S '62.

Residual amount of chlortetracycline in the meat and by-products of poultry treated with antibiotics. V. Stepanov. Mias. ind. SSSR 33 no. 5 57-58 '62.

CHOICE (PSYCHOLOGY)

Discrimination of a system of signals. Report No. 1. Methods of studying discrimination of signal systems. O. K. Tikhomirov. Dokl. APN 6 no. 4:65-68 '62.

Reaction pattern of man to tests involving the choice of one of two possible solutions. Report No. 3. Dependence of reaction time on the complexity of signals. V. A. Bodrov, A. A. Genkin, G. M. Zaralovskii. Dokl. APN 6 no. 4 73-76 '62.

CHOLESTEROL

Cholesterol and phospholipids in the blood during prolonged exposure to some industrial poisons (lead, carbon disulfide and benzene). G. S. Konikova Terap. arkh. no 8 96-101 '62.

Some characteristics of liquid crystal textures of the cholesteric and nematic types I G Chistiakov Kristallografiia 7 no 5 764-767 S-O '62

Systems with liquid crystals. Part 1: Cholesterol compounds. I. G. Chistiakov, V. A. Usol'tseva, Izv. vys. uch. zav., Khim. i khim. tekh. 5 no. 4:585-588 '62

Systems with liquid crystals. Part 2: Systems cholesterol - cetyl alcohol and cholesterol - glycerol. I G Chistiakov, V. A Usol'tseva, Izv. vys. uch. zav., Khim. i khim tekh 5 no. 4 589-593 '62.

CHOLESTEROL METABOLISM

Cholesterol metabolism in experimental lead poisoning [with summary in English]. G S. Konikova. Biul. eksp. biol. i med 54 no. 11 65-67 N '62.

CHOLINE

Action of antibiotics in combination with cholinomimetic substances S P Zakrividoroga, I. I. Rybas. Vrach. delo no. 12:87-90 D '62

CHOLINESTERASES

Cholinesterase activity in coronary insufficiency G. A. Kvitko, L. P. Pogorelova Vrach delo no. 12:124-126 D '62.

CHONKOY REGION (UZBEKISTAN)—ROCKS, CARBONATE

Quartz-carbonate rocks (listvenite) of the Chonkoy ore zone and mercury mineralization associated with them. A V. Krishtal' Vop. geol. Uzb. no 2:48-55 '61.

CHORAL SINGING

Sveshnikov, A. V. [Choral singing is a genuine folk art] Khorovoe penie - iskusstvo istinno narodnoe. [Moskva] Izd-vo "Molodaia gvardiia," 1962 29 p.

CHORAL SOCIETIES see subdivision under Kharkov

CHOREOGRAPHY

[Dances] Dejas. [Jelgava] Em. Melngaila tautas maksias nams, 1962. 199 p. [In Latvian]

CHRISTIAN ETHICS—CONTROVERSIAL LITERATURE

"We continue our talk with religious people" by A. A. Osipov. Reviewed by B. Kernychnyi. Voiov. ateist no. 9, 62-64 S '62.

CHRISTIANITY—CONTROVERSIAL LITERATURE

Cult of the Cross M Petrenko Voiov. ateist no 7:22-26 Jl '62

"The truth about Christian holidays" by H. F Demlianenko. Reviewed by I Khropko Voiov ateist no 8: 63-64 Ag '62

CHRISTMAS

The Holy Christmas fraud. A. Chertkov. Nauka i rel. 4 no. 12, 24-27 D '62.

CHRISTMAS DECORATIONS

Gay Christmas tree. N. Kolchinskaia. Sov. profsoiuzy 18 no. 23:47-48 D '62.

CHRISTMAS PLAYS see subdivision under Ukraine

CHRISTMAS TREES

..., was the custom to decorate Christmas trees preserved? Nauka i rel. 4 no 12:75 D '62.

CHROMAFFIN SYSTEM

Chromaffin system and its state in some pathological processes [with summary in English]. N. M Kovrizhko. Vrach. delo no. 12, 84-89 D '62.

CHROMAFFIN SYSTEM—TUMORS

Adrenal pheochromocytomas and pheochromoblastomas. E. A. Dombrovskaia. Urologiia no. 5:51-55 '62.

CHROMATES

Quantitative determination of silver based on the oxidation of chromite to chromate. M. N. Tul'chinskii. Izv. vys. uch. zav.; khim. i khim. tekh. 5 no. 4:669-670 '62.

CHROMATOGRAPHIC ANALYSIS

Chromatographic separation of rhenium form molybdenum and tungsten by means of mixed eluents on the EDE-10 anion exchanger [with summary in English] D. I. Riabchikov, L. V. Borisova, IU. B. Gerlit Zhur. anal khim. 17 no 7:890-892 O '62.

Determination of microquantities of DDT in biological material on the basis of Schechter and Haller's method with supplementary chromatographic identification [with summary in English]. F. P. Vaintraub, Vop. pit. 21 no. 4 55-60 Jl-Ag '62.

CHROMIC ACID

Electrode impedance in solutions of chromic acid. R F. Boichuk. Ukr khim. zhur. 28 no. 9, 1042-1047 '62

CHROMITE see subdivision under Southern Bug Valley

CHROMIUM

Obtaining filiform crystals of chromium. B. M. Vasiutinskii, G. N. Kartmazov, V. A. Finkel'. Fiz. met. i metalloved. 14 no. 5:792-793 N '62.

On the antiferromagnetic structure of chromium V I Gomankov and others Kristallografiia 7 no 5 790-792 S-O '62

CHROMIUM—BIBLIOGRAPHY see Bibliography—Chromium

CHROMIUM—ISOTOPES

Quantitative determination of the blood loss in gastrointestinal hemorrhages using radioactive chromium A Z Tsfasman. Terap. arkh no 8, 17-22 '62.

Study of stripping reactions on chromium isotopes P. H. Ivanyta'kyi. Ukr. fiz. zhur. 7 no. 9:1023-1024 S '62

CHROMIUM ALLOYS

Temperature dependence of the X-ray interference intensity in aluminum and chromium ferrite [with summary in English]. I. P. Mikhailiuk, V. P. Mikhal'chenko, II. P. Kushta. Ukr. fiz. zhur 7 no. 11 1246-1251 N '62.

CHROMIUM BORIDE—TESTING

Physical properties of the boride phases of chromium [with summary in English]. P. S. Kislyi and others. Poroshk. met. 2 no. 6 50-53 N-D '62.

CHROMIUM COMPOUNDS

Effect of chemical bonding on the $K_{\alpha_{1,2}}$ X-ray emission line in chromium compounds A Z Men'shikov, S A Nemnonov Fiz met i metalloved 14 no 2 186-191 Ag '62.

Interaction of dibenzenechromium (O) with acrylonitrile and the mechanism of polymerization of the latter [with summary in English] G A Domrac. ev, G A. Razuvaev Vysokom soed 4 no 12 1822-1828 D '62

CHROMIUM-IRON ALLOYS see Iron-chromium alloys

CHROMIUM-MANGANESE-IRON ALLOYS see Iron-manganese-chromium alloys

CHROMIUM-MANGANESE STEEL—CORROSION

Effect of copper on the corrosion-resistance of chromium-manganese-silicon steel. V N Tavadze, Sh G Svanidze, S N Mandrhgaladze Trudy Inst met. AN Gruz SSR 12 129-136 '62

CHROMIUM-NICKEL ALLOYS see Nickel-chromium alloys

CHROMIUM OXIDE

Effect of chromium anhydride on steel corrosion in fused sodium bisulfate, V. M. Novakovskii, N. S. Ukshe [Trudy] UNIKHIM no. 9:59-70 '61.

CHROMIUM PLATING

Chromium plating in a self-regulating electrolyte. D. Kudriavtsev and others. Avt. transp. 40 no. 11, 28-30 N '62.

Investigating chromium sulfate solutions for the electrolytic deposition of chromium. N. T. Kudriavtsev, IA. B. Pshilusski, I. I. Potapov. Izv. vys. uch. zav., khim. i khim. tekh. 5 no. 4:617-620 '62.

Molchanov, V. F. [Rapid self-relating chrome plating, characteristics of chrome plating, properties of deposits, and selection of efficient methods] Skorostnoe samoregulirovannoe khromirovanie, osobennosti khromirovaniia, svoistva osadkov i vybor ratsional'nykh rezhimov. Leningrad, 1962. 50 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Seriia: Zashchitnye pokrytiia)

CHROMIUM-SILICON ALLOYS

Investigating the electrophysical properties of alloys on a base of chromium and manganese semiconductor disilicides [with summary in English]. L. D. Dudkin, E. S. Kuznetsova. Poroshk. met. 2 no. 6:26-31 N-D '62.

CHROMIUM SULFATE

Investigating chromium sulfate solutions for the electrolytic deposition of chromium. N. T. Kudriavtsev, IA. B. Pshilusski, I. I. Potapov. Izv. vys. uch. zav.; khim. i khim. tekh. 5 no. 4:617-620 '62.

CHROMIUM-TITANIUM ALLOYS see Titanium-chromium alloys

CHROMIUM-TITANIUM-BORON ALLOYS see Titanium-boron-chromium alloys

CHROMOSOMES

Space flight factors and primary nondisjunction of chromosomes [with summary in English]. N. P. Dubinin, O. L. Kanaveta. Probl. kosm. biol. 1:252-257 '62.

CHRONOLOGY, ORIENTAL

"Synchronous tables correlating the Hejira and European chronology." Reviewed by S. Seleshnikov. Az. i Afr. soc. no. 12:64 D '62.

CHRONOMETER—STANDARDS

Stopwatches and chronoscopes. E. I. Levitan, B. M. Chernagin. Standartizatsiia 26 no. 11:46-47 N '62.

CHUGUYEV DISTRICT—POLITICS AND GOVERNMENT

Arbitrary violence in Chuguyev. A. Vinnik, P. Kharchenko. Sov. deput. trud. no. 12:76-78 D '62.

CHURCH

Religion and church abroad. Nauka i rel. 4 no 12 [illegible] D '62

CHURCH—MAINTENANCE AND REPAIR

The controversy not only concerns historical [illegible] B. Semenov, O. Il'in Nauka i rel. 4 no 1 [illegible] '62.

CHURCH AND SOCIAL PROBLEMS

Apology for the evolution of Catholic social [illegible] N. A Kovalskii Vop fut no 12 179-180 D '62

Clericals are the henchmen of neofascists. [illegible] shchenko Voiov ateist no 6 51-57 Jn '62

Levada, IU. A. [Present-day Christianity and social progress] Sovremennoe khristianstvo i sotsial'nyi progress Moskva, Sotsekgiz, 1962 206 p.

CHURCH CALENDAR

[Ukrainian Orthodox Calendar for 1963] Ukrains'kyi Pravoslavnyi Kalendar na 1963 rik. [Sb. Bern 3 fir-a N. J.] Vyd. Ukrains'kol Pravoslavnol T-Serkvy V SShA.

Vol. 13 [n. d.] 159 p.

CHURCH OF ENGLAND—RELATIONS—ORTHODOX EASTERN CHURCH

A historical visit (Doctor Michael Ramsey, Archbishop of Canterbury, visits the Russian Orthodox [illegible] Zhur. Mosk. Pata. no 10:15-30 O '62.

CHUVASHIA—FARM MANAGEMENT

The quantity and quality of work. M. Dolgov, G. [illegible] Part 2. Mekh. no. 2:12-17 D '62.

CHUVASHIA—FOREST MANAGEMENT

We are mechanizing forest management operations A. Fadeev Les khoz 15 no 10 55-58 O '62

CHUVASHIA—HISTORY

Cheboksary Chuvashskii nauchno-issledovatel'skii institut iazyka, literatury, istorii i ekonomiki [Chuvashia during the civil war, the formation of the Chuvash Autonomous Province; a collection of documents] Chuvashiia v gody grazhdanskoi voiny, obrazovanie Chuvashskoi avtonomnoi oblasti. Sbornik dokumentov. Cheboksary, Chuvashskoe [illegible] 1960. 710 p. maps.

(MH)

CHUVASHIA—OAK

Dynamics of the marketability and cutting age [illegible] oak plantations in the Volga Upland of the [illegible] A. S. S. R. M. M. Mikhailov. Izv. vys. uch. zav., Les. zhur. 1 no 5:16-20 '61.

CHUVASHIA—SOIL CONSERVATION

Andreev, S. I. [Soil erosion control; manual for [illegible] tural workers in the Chuvash A. S. S. R.] Bor'ba s eroziei pochv, rukovodstvo dlia rabotnikov sel'skogo khoziaistva Chuvashskoi ASSR. Cheboksary, [illegible] skoe knizhnoe izd-vo, 1962. 91 p.

(DNAL)

[MICROFILM]

CHYLE

Case of chyluria. I. S. Fil'o. Urologiia [illegible] '62.

CIMMERIAN BOSPORUS (KINGDOM)—POTTERY, GLAZED

Import and local production of "Megarian" [illegible] Bosporus. N. M. Loseva Mat. i issl. po arkh. [illegible] no. 10:195-205 '62

CINQUEFOIL see subdivision under Azerbaijan

CIRCUITS, BRIDGE see Bridge circuits

CIRCULAR SAWS—TESTING

Technological comparison analysis of the [illegible] circular multiple-unit sawmills in case of [illegible] feed rate and its automatic control V. S. Gafa. [illegible] khim. zhur. 6 no. 5:68-74 '62.

CIRCUMSTANTIAL EVIDENCE see Evidence, Circumstantial

CITIES AND TOWNS

(see also subdivision under Great Britain, Ukraine)

City limits. S. Bystrov. Sov. deput. trud no. 12 [illegible] D '62.

CITRIC ACID

Hydroxy acids of cotton. A. S. Sadykov, N. I. [illegible] khim. zhur. 6 no. 5:68-74 '62.

CITRUS FRUITS—DISEASES AND PESTS see subdivision under Black Sea region, Georgia

CITY PLANNING

(see also subdivision under Berlin; Dzerzhinsk; Elektrostal'; Kadievka; Kharkov Province; Kiev; Leningrad; Moscow; Omsk)

Akademiia stroitel'stva i arkhitektury SSSR. Trudy [illegible] [Regional [illegible] sbornik. Moskva, Gosstroiizdat, 1962. 100 p.

CITY PLANNING (Continued)

Cooperation is the basic requirement for the construction of villages on railroad lines. B. M Prshov Transp stroi. 12 no. 11:38-39 N '62.

Distribution of service establishments in residential areas. L. Tatarzhinskii. Arkhit. SSSR no. 7:30-34 '62.

"Examples of layout, vertical planning, and public improvement designs for microdistricts. Album No 1 Layout and vertical planning." Reviewed by G. Frumin. Arkhit. SSSR no. 7:64 '62.

Functional zoning of small cities P. Sitnitskii. Stroi. i arkhit. 10 no. 11:6-7 N '62.

Lowering the cost of developing and landscaping cities Stroi. i arkhit. 10 no. 11:40 N '62.

The optimum size and structure of a city. O. Malyshenko. Stroi. i arkhit. 10 no. 11 10-11 N '62.

The planning paperwork for small cities and villages V. Gurskii. Stroi. i arkhit 10 no 11 11-12 N '62

Problems in planning and building residential areas and microdistricts. I. Kontorovich. Arkhit. SSSR no. 7 6-29 '62.

Urgent problems of planning and building cities. V. Shkvarikov. Arkhit. SSSR no. 7, 3-5 '62.

CITY PLANNING—CONGRESSES

Progressive methods of planning and developing small and medium-sized cities. Stroi. i arkhit 10 no. 11: 13 N '62.

CIVIL DEFENSE

Russia (1923- U.S.S.R.) Shtab grazhdanskoi oborony. [How to protect yourself from the weapons of mass contamination] Kak zashchishchat'sia ot oruzhiia massovogo porazheniia. Moskva, Izd-vo DOSAAF, 1962. 30 p.

CIVIL DEFENSE—EQUIPMENT AND SUPPLIES

How to equip school civil defense training lots. E. Slavnitskii. Voen. znan. 38 no. 12:28-29 D '62.

CIVIL ENGINEERING—CONGRESSES

Twenty-first Technological Conference of the Moscow Kuibyshev Construction Engineering Institute. I I Kandalov Gidr stroi 33 no 10 55-56 O '62

CIVIL LAW

Answering our readers' questions. Sov. iust. no. 23 28-29 D '62.

Civil law measures should also be used in our struggle against loafers. S. P. Chernushkas. Sov. gos. i pravo 32 no. 12:144-145 D '62.

Enactment of the "Basic Principles of Civil Law" and the "Basic Principles of Civil Procedure." G Dobrovol'skii. Sov. iust. no. 11:10-13 Je '62

Problems prompted by life. A. Korotkov. Sov. iust. no 12:11 Je '62.

CIVIL PROCEDURE

Answering our readers' questions. Sov. iust no 23 28-29 D '62.

"Basic Principles of Civil Procedure" and the civil procedure codes of the Union Republics. IA. Shiutin. Sov. iust. no. 22:21-22 N '62.

Enactment of the "Basic Principles of Civil Law" and the "Basic Principles of Civil Procedure." G Dobrovol'skii Sov. iust. no. 11, 10-13 Je '62

Establishment of presumed facts in Soviet civil procedure. T. A. Liliashvili. Sov. gos. i pravo 32 no. 12: 146-147 D '62.

Problems prompted by life. A. Korotkov. Sov. iust. no. 12:11 Je '62.

Refusal to accept a civil complaint. E. Riabova Sov. iust. no. 23:11-13 D '62

CIVIL RIGHTS see subdivision under Portugal

CIVILIZATION AND SCIENCE see Science and civilization

CLASSICAL ANTIQUITIES see subdivision under Panticapaeum

CLASSIFICATION, DECIMAL

Universal decimal classification of literature. G. L. Smolian. Atom. energ. 13 no. 6:620-623 D '62.

CLAY

(see also subdivision under Dnieper-Donets Lowland; Donets Basin; Naryn region; Ob' Valley; White Russia)

Chernosvitov, IU. L. [How to search for clay deposits] Kak iskat' mestorozhdeniia gliny. Izd. 3. Moskva, Gosgeolitekhizdat, 1962. 34 p. (Bibliotechka iskatelia poleznykh iskopaemykh)

Some problems of the technology of producing agloporite from clay raw material V. S. Bureiko, Kh R. Grinshtein, R. I. Khodakata. Sbor. trud. VNIINSM no. 6:159-166 '62

CLAY—TESTING

Total moisture capacity of clay fill. G. G. Saatchian. Transp. stroi. 12 no. 10:36-37 O '62.

CLEANING COMPOUNDS

Use synthetics correctly. R. Mezhlumova. Zhil.-kom. khoz 12 no. 6:32 Je '62.

CLEANING MACHINERY AND APPLIANCES

Automatic machine for cleaning clothing and hands Ukh tekh 7 no 11 77 N '62

CLEARING OF LAND

Stump pulling and skidding of large-stemmed trees V. S Kurilo Les khoz 15 no 10 80-82 O '62

CLEMENS, SAMUEL LANGHORNE, 1835-1910

Final stage of Twain's career. A Startsev. Vop lit 6 no 11 136-159 N '62

CLEOPATRA, QUEEN OF EGYPT, d. 30 B. C.

Cleopatra's jewels Teatr 23 no 11:158-159 N '62

CLERGY

Sivtsov, K. I. [Why priests today make a break with religion] Pochemu sluzhiteli kul'ta poryvaiut segodnia s religiei. [Perm'] Permskoe knizhnoe izd-vo, 1962. 38 p. (Bibliotechka "Razgovor u po dusham")

CLIMATOLOGY

(see also subdivision 'Climate' under Arctic regions)

Akademiia nauk SSSR. Mezhvedomstvennyi komitet po provedeniiu Mezhdunarodnogo geofizicheskogo goda [Studies of glaciers and glacial regions] Issledovaniia lednikov i ledrikovykh rajonov. Moskva, [In Russian with summaries in English]
No 2. 1962. 233 p.

CLIMATOLOGY—STUDY AND TEACHING

Snow surveys with seventh grade students. K. I. Usol'tseva. Geog. v shkole 25 no. 6:32-35 N-D '62.

CLIMATOLOGY, MEDICAL

New data on air ionization in the biotron [with summary in English]. IU. A. Isakov. Vrach. delo no. 12:110-113 D '62.

Normalization of arterial pressure under the influence of stable meteorological factors [with summary in English]. L. P. Lukashevich. Vrach delo no. 12:27-31 D '62.

Polyetiological nature of hypertension; further observations in the biotron [with summary in English] D I Panchenko. Vrach. delo no. 12:31-38 D '62.

CLOCKMAKING AND WATCHMAKING—MACHINERY

Automatic machining of the plates of "Zaria" watches. G I Shrizher, V G Khannanov Priborostroenie no 11 23-24 N '62

CLOSTRIDIUM

Pathomorphological changes in rabbit organs under the action of botulism microbes and type A and B toxins [with summary in English]. E. A. Uspenskii Vrach. delo no. 12 95-101 D '62.

CLOTHING, PROTECTIVE

Adoption of standard departmental norms for free issue of special clothing, special shoes and protective equipment to workers in public health institutions Biul. Gos kom. po vop. truda i zar. platy no. 4:8-24 '62

Raikhman, S. F. [Protective air-filled suits for workers engaged in tank cleaning] Zashchitnyi ventiliruemyi kostium dlia rabochikh, zaniatykh ochistkoi tsistern Moskva, Transzheldorizdat, 1962 20 p

Supplements to standard departmental norms for free issue of special clothing, special shoes, and protective equipment. Biul. Gos. kom po vop. truda i zar. platy no. 4:25 '62.

CLOTHING INDUSTRY

(see also subdivision under Cherkassy; Kiev, Lipetsk Province)

Creation of consolidated firms in the clothing industry. N. L. Sotnikov. Shvein. prom. no 6:10-15 N-D '62.

Under the sign of the resolutions of the 22d Congress of the CPSU. Shvein. prom. no. 6:1-3 N-D '62.

CLOTHING INDUSTRY—ACCOUNTING see subdivision unde Odessa

CLOTHING INDUSTRY—EQUIPMENT AND SUPPLIES

"Handbook of the clothing industry worker." Reviewed by V. S. Novikov. Shvein. prom. no. 6:33-34 N-D '62

CLOTHING INDUSTRY—LABOR PRODUCTIVITY

Improve the leadership in communist labor competition. Shvein. prom. no. 6:39 N-D '62.

CLOTHING INDUSTRY—MANAGEMENT see subdivision under Kiev

CLOTHING INDUSTRY—STANDARDS

Standardization of the parts of men and boys' suits and coats. E. IA. Semikolenov. Shvein. prom. no. 6:27 N-D '62.

CLOTHING INDUSTRY—WAGES see subdivision under Melitopol'

CLOUDS

Processing televised cloud images obtained from meteorological satellites. N. F. Vel'tishchev. Meteor. i gidrol. no. 11:39-42 N '62.

Soveshchanie po serebristym oblakam 3d, Tallinn, 1961. [Transactions of the Conference on Noctilucent Clouds] Trudy Tallinn, Akad nauk Estonskoi SSR, 1960. 139 p

CLOVER

(see also subdivision under Ukraine)

Role of micro-organisms in the production of flax and clover E L Dudarev. Trudy VNIIL no 1 162-167 '55

CLOVER—DISEASES AND PESTS

Biology of the small-seeded clover dodder Cuscuta epithymum Murr and measures for its control [with summary in English] S. N Privalova Trudy VNIIL no 5 113-124 '58

Problems in controlling the diseases and pests of flax and clover M F Ermolaev, T. I Popova Trudy VNIIL no 1 129-146 '55

CLOVER BREEDING

Red clover breeding and seed production N S Razin, Z I. Stepanova Trudy VNIIL no. 4 59-72 '55

CLUBHOUSES see subdivision under Azerbaijan

CLUTCHES (MACHINERY)

Problem concerning the use of by-pass clutches in agricultural machinery T. G Nonieva Trakt i sel'khozmash 32 no 9 28-31 S '62

CLUTCHES (MACHINERY)—TESTING

Experimental investigation of flexible clutches. V. S. Poliakov, I. D. Barbash. Trudy LPI no. 210:140-152 '62.

COAL—ANALYSIS

Determining germanium content in coal. I. N. Nikolaev. Standartizatsiia 26 no. 12:37-38 D '62.

Hydraulic coal-cutter sampler. V. M. Ongoev. Mat. po geol. i pol. iskop. TSentr. Kazakh. no. 2:124-128 '62.

COAL—CARBONIZATION see subdivision under Kuznetsk Basin

COAL, PULVERIZED

Increase in the productive capacity of a coal pulverizing system using 250/300 ball mills in anthracite culm grinding operation P A Bars Prom energ 17 no 11 28-31 N '62

Increasing the operative efficiency of pulverized coal feeders M. S Malinin, V. M Novik Energetik 10 no 10 11-12 O '62

Redesigning of the fastening assembly of beater holders of shaft mills. L I Silant'ev Energetik 10 no 10 12-13 O '62

Sliver traps in a coal pulverizing system. R. A. Beloshenko Energetik 10 no 11 17-18 N '62.

Testing of the first-running model of a 400/800 (Sh-50) ball mill. P. A. Maslovskii, K. IA. Polferov. Plek. sta. 33 no. 11:5-11 N '62.

COAL GEOLOGY see subdivision under Angren region, Donets Basin; Karaganda Basin; Soviet Far East; Tatar A. S. S. R.

COAL MINES AND MINING

(see also subdivision under Donets Basin; Kuznetsk Basin; Lvov-Volyn' Basin; Ukraine)

"Brief manual of the mine builder" by I. K. Srasovitskii. Reviewed by A. A. Vovk, G. S. Kal'chik, Shakht. stroi. 6 no. 11, 31-32 N '62.

Fritzsche, C. H., and E. L. J. Potts. [Horizontal mining Translated from the English] Etazhnaia razrabotka ugol'nykh mestorozhdenii Pod red. B M. Vorob'eva Moskva, Ugletekhizdat, 1958. 304 p. (MIDW)

Work organization in coal mine development work and stoping operations. L Bogachek, I. Kaminskii. Biul nauch. inform. trud i zar. plata 5 no. 11:66-71 '62.

COAL MINES AND MINING—BIBLIOGRAPHY see Bibliography—Coal mines and mining

COAL MINES AND MINING—COSTS see subdivision under Pechora Basin

COAL MINES AND MINING—FIRES AND FIRE PREVENTION

Fireproof insulation of mined areas by means of double cofferdams. L. P. Tomashevskii, V. I. Murashov, V. A. Moiseev. Bezop. truda v prom. 6 no. 12, 6-8 D '62.

COAL MINES AND MINING—LABOR PRODUCTIVITY see subdivision under Kuznetsk Basin

COAL MINES AND MINING—SAFETY MEASURES

Improve the quality of engineering work. A. K. Voronkov. Bezop. truda v prom. 6 no. 12:2-3 D '62.

COAL MINING MACHINERY

(see also subdivision under Kharkov)

Coal extraction by means of coal plows in foreign countries (from foreign periodicals). E. M. Dubrovskii. Ugol' Ukr. 6 no. 11:43 N '62.

Coal mining machinery for open pit mining. A. P. Tarasenko. Ugol' Ukr. 6 no. 11:30-31 N '62.

Modernization of the LGD-2 cutter-loader. V. N. Khorin, B. M. Geller. Ugol' Ukr. 6 no. 11:19-21 N '62.

COAL MINING MACHINERY—HANDBOOKS, MANUALS, ETC.

[Handbook for the mechanic in a coal pit] Spravochnik mekhanika ugol'nogo kar'era. Moskva, Gosgortekhizdat, 1961. 639 p.

COAL MINING MACHINERY—MAINTENANCE AND REPAIR

Organization of repair and mechanical services in coal mines. V T Sai Ugol' Ukr, 6 no.11:21-23 N '62.

COAL PREPARATION

Coal preparation for coking by means of preliminary heating and efficient crushing. N.S.Grianov, I.M. Lazovskii, M.G Pel'dbrin Koks i khim. no.11.10-12 '62.

Sokolov, V.G. [Curves of beneficiation properties of coals] Krivye obogatimosti uglei. Moskva, Gosgortekhizdat, 1962. 88 p.

Suprun, IU.M [Preparation of large sizes of coal] Obogashchenie krupnykh klassov uglei Moskva, Gosgortekhizdat, 1962. 117 p

COAL PREPARATION PLANTS

Modernization of jigging machines in coal dressing plants M A Bratslavskii and others Prom energ 17 no 11 9-10 N '62

COAL PREPARATION PLANTS—EQUIPMENT AND SUPPLIES

Magnetic screen for coal preparation I Remesnikov, S Glushnev. Tekh. mol 30 no 10 4 '62.

COBALT

(see also subdivision under Yakutia)

Kinetics of sulfidizing cobalt at high temperatures. S. Mrovets, T. Verber. Fiz. met. i metalloved 14 no.5:770-774 N '62.

COBALT—ANALYSIS

Volumetric determination of cobalt by means of potassium permanganate G P Aleksandrov, IA. N. Shuter, IU V Shevchenko Ukr khim zhur 28 no 7 871-874 '62

COBALT—PHYSIOLOGICAL EFFECT

Effect of cobalt and copper on the quantitative relation of globin and hematin in the blood of white rats. A.A. Abrarov. Med. zhur. Uzb. no.3 54-57 Mr '62.

Results of fattening young cattle on corn silage with supplements of urea and cobalt H Z. Huzman. Visnyk sil'hosp. nauky 5 no.10:72-76 O '62.

COBALT COMPOUNDS

Aquation kinetics of trans-dichloro-bis-ethylenediamine cobaltichloride V N Vasil'eva, K B IAsimitskii Zhur neorg khim 7 no 11 2520-2523 N '62

Correlation between changes in the K 5-line intensity and the values of initial absorption regions in certain cobalt compounds. L. D. Finkel'shtein, S. A. Nemnonov. Fiz met. i metalloved 14 no.5 660-665 N '62

Luteo chloride associated compounds. V A Fedorov, V E Mironov, F IA Kul'ba Zhur neorg khim. 7 no 11 2526-2533 N '62

Problem of the formation of luteo chloride associated compounds V E. Mironov, V. A. Fedorov Zhur. neorg khim. 7 no 11 2524-2527 N '62

Salts of oxalato- and melonatodiphenanthroline cobalt (III) A V Ablov, D M Palade Zhur neorg khim. 7 no 11 2514-2519 N '62

COBALT COMPOUNDS—SPECTRA

Electron absorption spectra of tetrahedral complex compounds of cobalt chloride with some heterocyclic compounds in acetone. A. G. Muftakhov, A. S. Sadykov, V. B. Leont'ev. Uzb. khim. zhur. 6 no 5 61-67 '62.

COBALT-GADOLINIUM ALLOYS

Phase diagram of the system of cobalt-gadolinium alloys. E. M. Savitskii, V. F. Terekhova, I V. Burov Zhur. neorg. khim. 7 no 11:2572-2571 N '62.

COBALT-IRON ALLOYS see Iron-cobalt alloys

COBALT ORGANIC COMPOUNDS

Kinetics of isotopic exchange between gaseous oxygen and oxygen absorbed by the complex organic compounds of cobalt. G. M. Panchenkov, A. M Tolmachev. Kin. i kat. 3 no.6:881-884 N-D '62.

COBALT SULFIDE

Thermochemical determination of the standard heat of formation of Co_2S_3. L. L. Pankova. Izv. vys. uch. zav., khim. i khim. tekh. 5 no. 4 564-569 '62.

COCKCHAFERS—EXTERMINATION

Method for chemical control of the *may beetle*. V. M. Berezina Zashch rast ot vred. i bol 5 no. 2:18-19 F '60.

CODFISH see subdivision under Pacific Ocean

CODLING MOTH—BIOLOGICAL CONTROL see subdivision under White Russia

COENZYMES

Effect of chloramphenicol (levomycetin), streptomycin, and oxytetracycline on the activity of acetylation enzyme [with summary in English]. A. I. Korotiaev. Mikrobiologiia 31 no. 3:482-485 My-Je '62

COFFERDAMS

(see also subdivision under Dnieper River)

Using removable cofferdams in the construction of footing grillage A A Baev Transp stroi 12 no 10 16-19 O '62

COINS, ORIENTAL see subdivision under Dvin

COKE

Coal charge for the production of other than blast-furnace coke. T. P. Varshavskii and others. Koks i khim. no.11 18-20 '62.

Coke for the production of ferroalloys. A. S. Bruk and others. Koks i khim. no. 11 28-31 '62.

Coke sorting for the production of two classes of metallurgical coke. I. I. Poliakov, N. A. IAtsenko. Koks i khim. no.11 41-43 '62.

Coking of the coal charge in an oven with a rotating ring floor. G. N. Markov and others. Koks i khim. no.11 34-41 '62.

Effect of volatile substances on the exchange capacity of sulfocation exchangers obtained from the semi-coke of gas coals and bituminous coke D. Ruschev, L. Dimitrova. Zhur. prikl. khim. 35 no. 11 2509-2512 N '62.

COKE—TESTING

Effect of the coking period on the quality of coke. F. Z. Elenskii. Koks i khim. no.11:26-28 '62.

Effect of the coking time on the mechanical properties of coke. E. B. Ivanov, R. M. Fattushnaia. Koks i khim. no.11 28-29 '62.

COKE INDUSTRY

Coke chemical industry during the 15 year period of the soviet regime. Koks i khim. no.11:3-7 '62.

Coke-chemical products. A. T. Prokof'ev. Standartizatsiia 26 no.12,38-40 D '62.

Coke consumption in the U.S.S.R. A. A. Liubimov. Koks i khim. no.11:63-64 '62.

For a faster adoption of the new technology. A. K. Sheikov. Koks i khim. no.11:7-9 '62.

Study of the heat of glowing coke. A G Notych. Prom energ 17 no 11:3-6 N '62

COKE INDUSTRY—BY-PRODUCTS

Improving the shops for the rectification of crude benzene. L. Z. Gorelova, I. K. Isupova. Koks i khim. no.11 53-57 '62.

Nonsaturation method of ammonium sulfate production O. N. Bolar. Koks i khim. no.11:50-53 '62.

Petrenko, D. S. [Production of pyridine bases in the coke by-product industry] Proizvodstvo pridinovykh osnovanii na koksokhimicheskikh zavodakh. Khar'kov, Metallurgizdat, 1961, 175 p.

Reprocessing of excess flushing liquor. I. IA. Slotsenko. Koks i khim. no.11 47-50 '62.

Yields and quality of chemical products of coking from charges with an increased quantity of gas- and free-burning coals. M S Kotelenets, L. V. Nosikova. Koks i khim. no.11 44-46 '62.

COKE INDUSTRY—EQUIPMENT AND SUPPLIES

Improving the mechanism for cleaning doors, casings and frames. N. I. Robinovich. Koks i khim. no.11: 62-63 '62.

COKE-OVEN GAS

Prevention of explosions in apparatus for the separation of coke gas by the method of deep cooling. I I Gel'perin, A. P. Dariusin. Zhur. VKHO 7 no 6 661-666 '62.

COKE OVENS

Selecting the heating level for large capacity coke ovens. IU. S. Vasil'ev. Koks i khim. no.11:31-34 '62.

COLD STORAGE WAREHOUSES

Temperature field in the soil beneath the insulating floor of a cold store without cellar. G. V. Poddubnyi. Izv vys. ucheb. zav.; mat. no.6:101-107 '62.

COLITIS

Amount of enterokinase and pancreatic enzymes in the duodenal juice of patients with chronic colitis and enterocolitis. V. I. Alieva, S. IA. Mikhlin. Med. zhur. Uzb. no.3:38-40 Mr '62.

Clinical aspects and treatment of chronic nonspecific ulcerative colitis. O. S. Radbil' and others. Terap. arkh. no.6:11-16 '62.

Problems in the etiology and classification of chronic colitis. A. G. Gukasian. Terap. arkh. no.6 3-10 '62.

COLLAGEN

Histochemical study of the proteins of precollagenous fibers in regenerating connective tissue [with summary in English]. S. G. Kolaeva. Biul. eksp. biol. i med. 54 no.11:98-101 N '62.

Orekhovich, V. N., and V. O. Shpikiter. [Biological role, characteristics and structure of soluble collagenlike proteins (procollagens); read at the 13th annual Lukh Lecture on March 17, 1962] Biologicheskoe znachenie, svoistva i stroenie rastvorimykh kollagenopodobnykh belkov (prokollagenov), dolozhenno na vosemnadtsatom ezhegodnom Bakhovskom chtenii 17 marta 1962 g. Moskva, Izd-vo Akad. nauk SSSR, 1962. 29 p. (Bakhovskie chteniia, no.18)

Theory of the structure of collagen and some problems of leather technology. A. L. Zalkina, A. N. Mikhailov. Nauch.-issl. trudy TSNIKP no.32 4-16 '60.

COLLECTIVE FARMS

(see also subdivision under Georgia; Mamlyutka District, North Kazakhstan Province; Ryazan Province, Tal'noye District, Uzbekistan, Vinnitsa Province, White Russia)

Past, present and future of the "kreshchenki" collective farms. N. Kuznetsov Ekon. sel'khoz 11 no.11:68-72 N '62.

Those who encourage loafers. G. Nasyrov. Sots. trud. no.11:78-80 N '62

COLLECTIVE FARMS—ACCOUNTING

(see also subdivision under Gorotskiy District, Pakitnoye District, Belgograd Province)

Accounting work. M. A. Gostev. Uchet i fin. v kolkhozakh i sovkhoz. 19 no.12:15-16 D '62.

Good calculation means good management. F. Golubev. Kommunist 39 no.1,69-77 Ja '63.

Russia (1923- U.S.S.R.) TSentral'noe statisticheskoe upravlenie. [Accounting on collective farms distributing income according to workdays] Uchet oplaty truda v kolkhozakh, raspredeliaiushchikh dokhody po trudodniam. Moskva, Gosstatizdat, 1962. 271 p.

Strieter Accounting and control producers better results. V. N. Petrov. Uchet i fin. v kolkhoz i sovkhozakh 19 no.12 17-18 D '62.

COLLECTIVE FARMS—AUDITING AND INSPECTION see subdivision under Grodno Province

COLLECTIVE FARMS—FINANCE

(see also subdivision under Moldavia)

The true path. I. I. Pokoloda. Uchet i fin. v kolkhozakh i sovkhoz. 19 no.12 23-27 D '62.

"Working capital of collective farms" by I. N. Barsov. Reviewed by tr. IA. Lebedinskii. Uchet i fin. v kolkhozakh i sovkhoz. 19 no.12:56-58 D '62.

COLLECTIVE FARMS—INCOME DISTRIBUTION

(see also subdivision under Kalinin Province, Poltava Province, Tajikistan)

Material incentives of the collective farmers in the "Batumskiy" Artel V. Tsulia, A. Kvirkvelia, I. Imnadze, Ekon. sel'khoz. 33 no.11:82-86 N '62.

Practice in paying collective farm wages. A. Kabaev. Uchet i fin. v kolkhoz. i sovkhoz 19 no.12:19-20 D '62.

COLLECTIVE FARMS—INTERFARM COOPERATION

(see also subdivision under Chernyakhov District, Moldavia; Samarkand Province; Ukraine)

Changing the annual report forms of an interfarm cooperative (council) V. Korherova Vest. stat. no.11.74-75 '62

How the Odessa Province Communists organized the "communist mutual aid associations" of rural workers. M. S. Synytsia. Ukr. ist. zhur. 6 no.6:18-21 N-D '62.

Legal regulation of interfarm production cooperation; a review of studies published in 1960-1962. M. I. Kozyr'. Sov. gos. i pravo 32 no.12:154-161 D '62.

Let's build rhythmically the year round M Grin Stf. bud 12 no.11:5-6 N '62

Supply center of the interfarm building organizations. N. Abrosymov. Biul. mat. i konstr. 4 no.6 46-49 N-D '62.

We improve the manufacture of brick S Mulyr Stf bud 12 no.11:19-20 N '62.

COLLECTIVE FARMS—LAWS AND LEGISLATION

Brief interpretation. Sov. deput. trud. no.11:64-65 '62.

"How Soviet civil law protects the property rights of collective farms" by G. F. Dobravol'skaia. Reviewed by M. Kozyr'. Sov. iust. no.10:24-24 My '62

Legal regulation of interfarm production cooperation; a review of studies published in 1960-1962. M. I. Kozyr'. Sov. gos. i pravo 32 no.12 154-161 D '62.

Work of the plenary session of the Supreme Court of the R.S.F.S.R. Sov. iust. no.11:16-17 Je '63

COLLECTIVE FARMS—OFFICIALS AND EMPLOYEES

"The falls don't freeze" by Petro Inhul'skyi. Reviewed by Volodymyr Vil'nyi. Ukraina no.20 0 41 '62

COLLEGE SPORTS—CONGRESSES

Second All-Russian Scientific and Methodological Conference of the Ministry of Higher and Secondary Special Education of the R.S.F.S.R. on problems of physical education in institutions of higher learning. N. V. Kovalev. Teor. i prak. fiz. kul't. 25 no.10.78 O '62

Cross section of inelastic atom collisions. E.M. Kishinevskii. Izv.AN SSSR Ser.fiz. 26 no 11: 1110-1114 N '62.

On the theory of electron - atom collisions. B.A. Veklenko. Izv.vys.ucheb.zav.,fiz no 5:100-107 '62

Resonance interactions of K-mesons [with summary in English] IA.I.Granovskii, A.A.Pantiushin. Zhur. eksp.i teor.fiz 43 no.5:1681-1687 N '62.

COLLISIONS AT SEA—PREVENTION

Mathematics or common sense? I.Bukhanovskii. Mor. flot 22 no.12 27-29 D '62.

COLLODION

Application of collodion replicas for the study of polished sections. B.E.Frolova Gor.i rud.mestorozh no 6 117-118 N-D '62

COLLOIDS—CONGRESSES

Fifth All-Union Conference on Colloid Chemistry Ukr.khim.zhur no.9 1111 '62

Introduce the achievements of the modern science of colloids into the printing industry. L.A.Kozarovitskii, V.S.Lapatukhin. Poligr.proizv. no.12:21-23 D '62.

COLON (ANATOMY)—TUMORS

Subserous lipoma of the transverse colon M.A.Petushinov. Vest.khir. 89 no.9:123-125 S '62.

COLONIES

"Against the ideology of present-day colonialism" by K.N.Brutents, "Ideology of present-day neocolonialism" by E.D.Modzhinskaia. Reviewed by R.Avakov. Mir.ekon.i mezhdunar.otn. no.12 122-126 D '62.

"Imperialism, a historiographical review" [in English] by Fieldhouse. Reviewed by N.A.Nikolaev. Vop.ist. no.11:196-197 N '62.

Kharlamova, L.A. [The world should do away with colonialism] Kolonializmu net mesta na zemle. Moskva, Gospolitizdat, 1962. 78 p. (Bibliotechka vneshnei politiki SSSR)

S.M.Tendevin's defense and propagation of the Marxist-Leninist theory of the national and colonial problem [in Azerbaijani with summary in Russian]. A.A. Talyshov. Izv.AN Azerb.SSR,Ser.obshchestv.nauk no.10 3-11 '61.

COLOR CENTERS

Diffusion of impurity centers in the coating of copper oxide rectifiers. V.I.Kuznetsov, M.I.Shchevelev Izv.vys.ucheb.zav.;fiz. no.5:161-163 '62.

COLOR MEASUREMENT

Tests of new functions of color composition. G.N. Rautian. Trudy inst.Kom.stand., mer i izm.prib. no.56:113-117 '61.

COLOR OF LEAVES

Light requirements of ornamental and typical forms of woody plants [with summary in English]. V.S.Vakulin Bot.zhur. 47 no.10:1426-1436 O '62.

COLOR PHOTOGRAPHY

Comprehensive color separation tests of the color photographic process L.F.Artiushin, N.F.Semenova Zhur.nauch.i prikl.fot.i kin 7 no 6 418-433 N-D '62

Investigating the color gamut. Part I. Optimum system of color coordinates D.K.Balabukha Zhur.nauch.i prikl.fot.i kin 7 no 6:409-417 N-D '62

COLOR PHOTOGRAPHY—FILMS

Formation of light blue dyes in color films containing alkyl hydroquinones. V.A.Bogoliubskii, L.V.Gurechko Zhur.nauch.i prikl.fot.i kin 7 no 6 461-462 N-D '62

COLOR PRINTING

Choosing light sources for reproducing color originals. G.N.Babinskii and others. Poligr.proizv. no.12:14-15 D '62.

COLOR SENSE

Color discrimination in retarded children. K.V.Bardin. Dokl.APN 6 no.4:119-122 '62.

New tables for color sense testing. E.N.Ustova. Trudy inst.Kom.stand., mer i izm.prib. no.56:99-105 '61.

COLORADO BEETLE see Potato beetle

COLORED GLASS see Glass, Colored

COLORIMETERS

A visual colorimeter developed by the All-Union Scientific Research Institute of Meteorology. E.N. Ustova. Trudy inst.Kom.stand., mer i izm.prib. no.56:85-88 '61.

COLORIMETRY

Addition method in photocolorimetry [with summary in English]. L.P.Adamovich. Zhur.anal.khim. 17 no.8:912-916 N '62.

Evaluation of the colorimetric and precipitation methods of determining the proteolytic activity of duodenal juice. I.A.Klimov. Lab.delo 8 no.5:24-26 My '62.

Colorimetric determination of the content of sulfur in steel. A.B. Blank Zhur.anal.khim 17 no 8:1015-1017 N '62.

COLORS

Acquainting students with the science of colors G.V. Popov. Fiz.v shkole 22 no.5:85-90 S-O '62.

COLUMBIA—POLITICS AND GOVERNMENT

Columbia will be free Volodymyr Kharytonov. Ukraina no 24 10-11 D '62

COMA

"Comatose states" by N.K.Bogolepov. Reviewed by D.I. Pronin, P.P.Tsarliuk Vrach.delo no.12:139-140 D '62.

COMBINES (AGRICULTURAL MACHINERY)

Do it yourself! Sel'mekh no.10 26 '62.

Production line for the manufacture of combine driving wheel disks A.N.Cherepakhin, N.I.Deplov Kuz.-shtam.proizv 4 no.10 23-27 O '62

S-1M modified combine. M.Levin. Sel'mekh no.10 25-29 '62.

COMBUSTION

Change in the length of the combustion zone of a homogeneous mixture in a turbulent flow as dependent on pressure [with summary in English] V.S.Pelevin. Inzh.-fiz.zhur. 5 no.6 3-7 Je '62.

Demidov, P.G. [Combustion and the properties of fuels] Goronie i svoistva goriuchikh veshchestv. Moskva, Izd-vo M-va komm. khoz. RSFSR, 1962. 263 p.

Rate of burning up of carbonaceous deposits in the regeneration of a butane dehydrogenation catalyst. I.IA Tiurlaev, L.A Gusakova. Kin i kat. 3 no 6:927-930 N-D '62.

Thermal decomposition and combustion of ammonium perchlorate. A.A.Shidlovskii, L.I. Shmagin. Izv.vys. uch.zav.; khim.i khim.tekh. 5 no.4:529-532 '62.

COMBUSTION, SPONTANEOUS

Prevention of explosions in apparatus for the separation of coke gas by the method of deep cooling L.I.Gel'perin, A.P.Darinskii Zhur.VKHO 7 no.6 661-666 '62

Prevention of the formation of explosive gas-vapor mixtures in technological processes A.I.Rozlovskii Zhur.VKHO 7 no 6 651-661 '62

COMEDY FILMS see subdivision under Italy

COMMERCE

Meivart, Josef. [Price determination in international commerce. Translated from the Czech] TSenoobrazovanie v mezhdunarodnoi torgovle. Pod red. i so vstup. stat'ei G.S.Roginskogo. Moskva, Izd-vo inostr. lit-ry, 1962. 350 p.

Zmeev, A.A., and N.G.Kovalev. [Railroad rolling stock; the production and foreign trade of capitalist countries] Zheleznodorozhnyi podvizhnoi sostav; proizvodstvo i vneshniaia torgovlia kapitalisticheskikh stran. Moskva, Vneshtorgizdat, 1962. 214 p. [MICROFILM]

COMMERCIAL AGENTS

Granting the right to sign foreign trade transactions. Vnesh.torg. 42 no.12 45-47 '62.

COMMERCIAL LAW

Responsibility for the late and incomplete delivery of imported goods. A.Dmitriev Sov.iust. no.12:21-23 Je '62

COMMUNICABLE DISEASES
(see also subdivision under Archangel)

Causes of staphylococcal complications in acute infectious diseases in children and their treatment [with summary in English]. Z.I.Krasovitskii. Pediatriia 41 no 9:35-38 S '62.

[Manual on infectious diseases] Rukovodstvo po infektsionnym bolezniam. Pod red. A.M.Bilibina i G.P.Rudneva. Moskva, Medgiz, 1962. 678 p. (DNLM)

COMMUNICABLE DISEASES—PREVENTION see subdivision under Uzbekistan

COMMUNICATION AND TRAFFIC

[Accounting in communications enterprises] Bukhgalterskii uchet v predpriiatiiakh sviazi. [By] M.P.Titchenko i dr. Moskva, Svtaz'izdat, 1962. 422 p.

COMMUNISM

"Communism and philosophy" by P.N.Fedoseev. Reviewed by A.P.Belik. Vop.filos. 16 no.12:156-160 '62.

The Department of the Theory of Scientific Communism. Vest.Mosk.un,Ser.8: Ekon., filos. 17 no.6:90-91 N-D '62.

Doing more today means having more tomorrow! V.Kudriakov. Nar.khoz.Uzb. 4 no.9:17-23 S '62.

Dzmitruk, A.A. [Present-day phase of the international communist movement] Mizhnarodny kamunistychny rukh na suchasnym etape. Minsk, Dziarzh. vyd-va BSSR. Red. satsyial'na-ekanamichnai lit-ry, 1962. 66 p. (Hutarki ab novai pragramie KPSS)

Forty-five years along the path of the Great October Socialist Revolution. Louis Saillant. Vsem.prof. dvizh. no.11 1-2 N '62.

[General laws and special features of the transition of different countries to socialism] Obshchie zakonomernosti i osobennosti perekhoda k sotsializmu v razlichnykh stranakh. Moskva, Sotsekgiz, 1962. 373 p.

Glagolev, V.F. [Socialism is the decisive force of the present time] Sotsializm - reshaiushchaia sila sovremennosti. Moskva, Gospolitizdat, 1962. 70 p.

Great triumphs Okhr.truda i sots.strakh 6 no 11 1-3 N '62

Ideas of October reform in the world. Kul't.i zhizn' 6 no.10:1-3 '62.

Marczau, V.D. [Communism is the great goal of the party and the Soviet people] Kamunizm - viatkavia meta partyi i naroda. Minsk, Dziarzh. vyd-va BSSR. Red. satsyial'na-ekanamichnai lit-ry, 1962. 77 p. (Hutarki ab novai pragramie KPSS)

Moscow. Akademiia obshchestvennykh nauk. [Program for studying the materials of the 22d Congress of the CPSU] Programma izucheniia materialov XXII s"ezda KPSS; dlia politshkol, kruzhkov istorii KPSS, osnov marksizma-leninizma i tekushchei politiki. Moskva, 1961. 30 p.

Moscow. Akademiia obshchestvennykh nauk. [Program for the course on "The history and theory of the international communist and labor movement" for evening universities of Marxism-Leninism (Faculty for the Principles of Marxism-Leninism)] Programma kursa "Istoriia i teoriia mezhdunarodnogo kommunisticheskogo i rabochego dvizheniia" dlia vechernikh universitetov marksizma-leninizma.Fakul'tet osnov marksizma-leninizma). Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1962, 23 p.

New books. Part.zhizn' no.23:76-77 D '62.

The path of work and victories. Radio no.11:1-2 N '62.

Petrov, S.M. [Beginning of the workers' movement and the spread of Marxism in Russia, 1883-1894] Nachalo rabochego dvizheniia i rasprostranenie marksizma v Rossii; 1883-1894 gg. Izd.2. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1960. 78 p. (Istoriia KPSS; kurs lektsii. Tema 1)
(RPB)

Power engineering at the 45th Anniversary of the Great October Revolution. Energetik 10 no 11 1-4 N '62.

Pravda, Moscow. [Strengthening the unity of the communist movement for the triumph of peace and socialism] Ukreplm edinstvo kommunisticheskogo dvizheniia vo imia torzhestva mira i sotsializma; redaktsionnaia stat'ia opublikovannaia v gazete "Pravda" 7 ianvarla 1963 goda. Moskva, Izd-vo "Pravda," 1963. 31 p.

Sanakoev, P.A., and V.G.Vorshinin. [General laws and national characteristics of the transition to socialism] Obshchie zakonomernosti i natsional'nye osobennosti perekhoda k sotsializmu. Moskva, Gospolitizdat, 1962. 28 p. (Konsul'tatsii po istorii KPSS)

Sharlia, K.S. [Problems in the correlation of two phases of communist society] Nekotorye voprosy sootnosheniia dvukh faz kommunisticheskogo obshchestva. Tbilisi, Akad. nauk Gruzinskoi SSR, 1961. 58 p
(Mil) (NjP)

Social and economic equality and communism. N.B. Bikhenin. Vop.filos. 16 no.11:127-138 '62.

Social and personal factors in the period of the large-scale building of communism N.Sendriks. Izv.AN Latv.SSR no.3:3-11 '61.

Struggle for the new is the general feature of our movement toward communism. G.Smirnov. Kommunist 39 no.1 36-48 Ja '63.

The tempo of industrial electrification is increasing. Prom.energ. 17 no 11 1-3 N 62

This generation of Soviet people will live under communism. Transp.stroi. 12 no.11:1-3 N '62

Triumph of great October ideas. Kryl.rod. 13 no.11: 1 N '62.

COMMUNISM AND LITERATURE

Ivanov, A.I. [Role of his world outlook in the works of a writer] Rol' mirovozzrenila v tvorchestve pisatelia. [Saratov] Izd-vo Saratovskogo univ., 1962. 385 p.

"V.I.Lenin and literary criticism." Reviewed by B.Platonov. Vop.lit. 6 no.10 189-192 O '62.

COMMUNISM AND RELIGION

"The attitude of the CPSU toward religion and the problems of atheistic education" by M.S.Pastukh. Reviewed by V.Antonenko. Votov ateist no 6:58-59 Je '62

Editor's mailbox. D.Terasov and others. Agitator no.12:60-61 Je '62.

Slytsov, K.I. [Why priests today make a break with religion] Pochemu sluzhiteli kul'ta porvalut segodnia s religiei. [Perm'] Permskoe knizhnoe izd-vo, 1962, 38 p. (Bibliotechka "Razgovory po dusham")

Two concepts of social life. O.Bilous. Votov.ateist no 8:36-41 Ag '62.

What is the meaning of life L. Sytenko Voiov ateist 3 no 12,30-33 D '62.

Work and religion. Voiov ateist no 6 2-4 Je '62

COMMUNISM AND SCIENCE

Science as an immediate productive force of society. D.M. Proshin Priroda 51 no 12 3-9 D '62

COMMUNISM AND ZIONISM

Answer to an honorable rabbi. N Gotlib, B Zak Nauka i rel 4 no 12 28-30 D '62.

COMMUNIST COUNTRIES—CUSTOMS ADMINISTRATION

Customs agreement among socialist countries S Konoralov. Vnesh torg 42 no.12 16-17 '62.

COMMUNIST COUNTRIES—DIVISION OF LABOR

"International division of labor among communist countries." Reviewed by V. Terekhov Vnesh. torg. 42 no 12 36-40 '62

New stage in the development of the world socialist system and changes in its economic geography N.D Stolpov. Izv AN SSSR,Ser geog. no.6 17-27 N-D '62

COMMUNIST COUNTRIES—ECONOMIC CONDITIONS

[General laws and special features of the transition of different countries to socialism] Obshchie zakonomernosti i osobennosti perekhoda k sotsializmu v razlichnykh stranakh. Moskva, Sotsekgiz, 1962, 373 p.

The Great October is the guiding star of mankind Vest stat no 11 3-13 '62

Holubushin, IU. S., and Z. Z. Danyliuk [Socialist countries on the path toward communism] Sotsialistychni krainy na shliakhu do kommunizmu Kyiv, Vyd-vo Akad. nauk URSR, 1962 51 p. (Problemy komunistychnoho budivnytstva v svitli rishen' XXII z'izdu KPRS)

COMMUNIST COUNTRIES—ECONOMIC POLICY

Economic consolidation of socialist states and European "integration." I Dudinskii. Mir.ekon i mezhdunar. otn no.12;3-15 D '62.

Senin, M. V. [At the new frontier, on the development of the world socialist economy] Na novom rubezhe, o razvitii mirovogo sotsialisticheskogo khoziaistva. Moskva, Izd-vo "Znanie," 1962. 63 p. (Novoe v zhizni, nauke, tekhnike. VII Seriia Mezhdunarodnaia, no. 23-24)

Vashentseva, E. M. [The law of planned proportional development of a socialist national economy] Zakon planomernogo proportsional'nogo razvitiia sotsialisticheskogo narodnogo khoziaistva Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1962 55 p

Year 1962, year 1963.... A. Sovetov. Mezhdunar. zhizn' 10 no.1 3-14 Ja '63

COMMUNIST COUNTRIES—FOREIGN ECONOMICS RELATIONS

Budkin, V. S. [International division of labor in the world socialist economic system] Mizhnarodnyi podil pratsi v svitovii sotsialistychnii systemi hospodarstva Kyiv, 1961 44 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' URSR [Vydannia] Ser 3, no 5)

"International division of labor among communist countries." Reviewed by V. Terekhov. Vnesh torg 42 no 12 34-40 '62

The international socialist division of labor and the underdeveloped areas. A. Kodachenko. Az. i Afr. seg. no 12;22-24 D '62.

COMMUNIST COUNTRIES—INDUSTRIES, LOCATION OF

New stage in the development of the world socialist system and changes in its economic geography. N.D. Stolpov. Izv. AN SSSR. Ser. geog. no.6;17-27 N-D '62.

COMMUNIST COUNTRIES—INTERNATIONAL COOPERATION

Senin, M. V. [At the new frontier; on the development of the world socialist economy] Na novom rubezhe; o razvitii mirovogo sotsialisticheskogo khoziaistva. Moskva, Izd-vo "Znanie," 1962. 63 p. (Novoe v zhizni, nauke, tekhnike. VII Seriia. Mezhdunarodnaia, no. 23-24)

COMMUNIST COUNTRIES—LEGAL RESEARCH

A conference of the directors of the institutes of the state and law in socialist countries. Sov. gos. i pravo 32 no.12;148-149 D '62.

COMMUNIST COUNTRIES—TECHNOLOGY—INTERNATIONAL COOPERATION

Stepanenko, S. I. [Scientific and technical cooperation of socialist countries] Nauchno-tekhnicheskoe sotrudnichestvo sotsialisticheskikh stran. Moskva, Sotsekgiz, 1962. 66 p.

COMMUNIST EDUCATION
(see also subdivision under Ukraine)

"Born of life" Reviewed by L. Volkov. Part. zhizn' no.24;67-68 D '62.

A conference at the Faculty of Philosophy of Leningrad University. G.N. Kushkov. Vest. LGU 17 no.23; 143-144 '62.

no. 12,60-61 Je '62.

How the exposition of a topic should be made in a group. V. Surov. Polit samoobr. 6 no 12 85-94 D '62

Moscow. Akademiia obshchestvennykh nauk. [Theoretical and practical problems of communist education] Voprosy teorii i praktiki kommunisticheskogo vospitaniia Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1962 396 p.

Party chronicle. Part. zhizn' no. 24 70-71 D '62.

Stepakov, V. I. [Marxist-Leninist education of the Communists and nonparty workers] Marksistsko-leninskoe obrazovanie kommunistov i bespartiinykh. Moskva, Gospolitizdat, 1962. 61 p. (Bibliotechka sekretaria pervichnoi partiinoi organizatsii, no 4)

[Studying the program of the CPSU] K izucheniiu programmy KPSS, sbornik metodicheskikh materialov Moskva, Gospolitizdat, 1962 214 p.

Theoretical training of the cadres of leaders. D. Zemlianskii. Part zhizn' no. 24,41-46 D '62.

Vocational schools should have a training program. M. Rashchinskii, B. Adaskin. Prof.-tekh. obr. 19 no. 8 7-8 Ag '62.

COMMUNIST EDUCATION—BIBLIOGRAPHY see Bibliography—Communist education

COMMUNIST ETHICS

Communists are the promoters and guardians of lofty ethical principles. M Lukianov. Komm. Vooruzh. Sil 3 no.22;48-53 N '62.

Dedication to the communist cause is the highest principle of communist ethics. Kh. G. Rasulev Obshchestv. nauki v Uz 6 no 10 10-16 '62.

Ideology, social psychology, and moral factors. T. Kondratkov. Komm. Vooruzh. Sil 3 no. 22;59-67 N '62.

Mikhalevich, A. V. [People and principles] Liudi i printsipy. Moskva, Gospolitizdat, 1962. 107 p. (Moral'nyi kodeks stroitelia kommunizma)

Moscow. Akademiia obshchestvennykh nauk. [Theoretical and practical problems of communist education] Voprosy teorii i praktiki kommunisticheskogo vospitaniia. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1962. 396 p.

Religion and the moral code of the builders of communism. A. Kurantov. Bibliotekar' no. 12;29-33 D '62.

Social and personal factors in the period of the large-scale building of communism. N Sendriks. Izv. AN Latv. SSR no 3;3-11 '61.

The triumph of communist ethics. V. Chernokozova, I. Chernokozov. Voiov. ateist no. 11 5-8 N '62.

We should strictly adhere to the ethical principles of the builders of communism. A. Skrypinik Komm Vooruzh Sil 3 no 24 65-71 D '62

COMMUNIST PARTIES
(see also subdivision under America)

Firm basis of the solidarity of the communist movement. V. Vershinin Polit. samoobr. 6 no. 12,11-18 D '62.

Lobatenko, N. G. [The international communist and workers' movement today] Mezhdunarodnoe kommunisticheskoe i rabochee dvizhenie na sovremennom etape. Minsk, Gosizdat BSSR, 1961, 70 p. (MH)

Militant vanguard of the international revolutionary movement. E. Kuskov. Komm. Vooruzh. Sil 3 no. 22; 19-27 N '62.

COMMUNIST PARTY see subdivision under Algeria; Australia; Bulgaria, Czechoslovakia; Japan; Rumania

COMMUNIST PARTY OF THE SOVIET UNION
(see also subdivision under Ukraine; White Russia)

Development of industry and agriculture is the most important part of the building of communism Kommunist 39 no. 18 3-11 D '62.

Effective implementation of the Leninist principles of the guidance of human society. Vop filos 16 no 12;3-12 '62.

Industrial principle in party structure N. Petrovichev. Kommunist 39 no. 18;20-29 D '62.

Krutsko, M. H. [The Communist Party leads the struggle of the Soviet people for communism] Kamunistychnaia partyia - rullavy savetskaha naroda u barts'be za kamunizm. Minsk, Dziarzhvyd BSSR, 1962, 69 p. (Hutarki ab noval programe KPSS)

A new edition of the textbook "History of the CPSU," V. Zaitsev. Polit. samoobr. 6 no. 12;31-41 D '62.

"Sixty-five years in the ranks of the party of Lenin" by F. I. Petrov. Reviewed by V Pliaskin. Komm Vooruzh. Sil 3 no. 24;84-86 D '62.

COMMUNIST PARTY OF THE SOVIET UNION—CONGRESSES

Magyar Tudományos Akademia, Budapest, Közgazdaságtudományi Intézet. [The 22d Congress of the Communist Party of the Soviet Union and Hungarian economics] XXII s"ezd Kommunisticheskoi partii Sovetskogo Soiuza i Vengerskaia ekonomicheskaia nauka. Budapest, 1962. 136 p.

New books. Part. zhizn' no. 23;76-77 D '62.

Leninizm v deistvii, sbornik statei Prague, Mir i sotsializm, 1962. 125 p (InU) (MH)

COMMUNIST PARTY OF THE SOVIET UNION—REFERENCE BOOKS, MANUALS, ETC.

[Brief reference book for the secretaries of basic party organizations in rural areas] Korotkyi dovidnyk sekretaria sil's'koi pervynnoi partiinoi orhanizatsii Derzhpolitvydav URSR, 1961 120 p.

[Notebook for party activists] Zapysna knyzhka partiinoho aktyvista. [Kyiv] Derzhpolitvydav URSR [1962] 192 p.

COMMUNIST PARTY OF THE SOVIET UNION—MEMBERSHIP

Correspondence with readers M Burtsev, N Petrov Part zhizn' no 24 53-55 D '62

Liapeski, I. I. [Who can be admitted into the party] Kaliu partyia pryme u svae radu Moskva, Derzh. vyd-va BSSR. Red. nauchno-politychnai literatury. 32 p. (Hutarki ab novym Statutse KPSS)

Materials of "Partiinaia zhizn'" Part zhizn' no 24 78 D '62

Registration and conferment of party cards. I Voorukh. Sil 1 no. 22 83-85 N '62

COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK
(see also subdivision under Baku; Crimea Area; Chodno; Irkutsk Province, Kursk, Leningrad District, Kuybyshev, Orsha; Riga, Rostov Province, Tambov Province)

Abroslmov, P. M. [Verification of the execution of decisions] Proverka ispolnenila reshenii, [Moskva] Sovet rabochii, 1962, 37 p. (Biblioteka sekretaria organizatsii)

Artsenenko, P. N. [Activists are the main force of party committees] Aktiv - opora partiinykh komitetov Moskva, Gospolitizdat, 1962 45 p. (Voprosy partiinogo stroitel'stva)

Discussions on the program of the CPSU, Part. zhizn' no. 24 66-67 D '62

Entering the fifth year of the seven-year plan Part zhizn' no 24;3-7 D '62.

Every propagandist must be an organizer, P. I. Polit. samoobr. 6 no. 12 51-57 D '62

Improve the party guidance of the national economy Part zhizn' no 23 3-8 D '62

Increase the responsibility of party organizations for the admission to the CPSU I Mednikov Komm Vooruzh Sil 1 no 24 25-30 D '62

Lagunovskii, M. I. [Party organization and the introduction of technological innovations] Partiinaia organizatsiia i massovoe tekhnicheskoe tvorchestvo Moskva, Gos. izd-vo BSSR, 1962, 44 p. (Iz opyta partiinoi raboty)

Lebedev, N. I. [Ideological work of the Communist Party of White Russia in the country and its role in creating the collective-farm system] Ideinaia rabota KPB v derevne i ee rol' v sozdanii kolkhoznogo stroia. Minsk, Izd-vo M-va vysshego, srednego spetsial'nogo i professional'nogo obrazovaniia BSSR, 1962. 83 p. (Iz istorii KPB)

Leninist friendliness is an indispensable quality of guidance I. Mukarov Part zhizn' no 24 3-14 '62.

Martyn', N. A. [So that our leaders fight more boldly] Chtoby nashi rukovoditeli borolis' smelee. Gos. izd-vo BSSR, 1962. 37 p. (Iz opyta partiinoi raboty)

Materials of "Partiinaia zhizn'," Part zhizn' no 09 D '62.

Party chronicle. Part. zhizn' no. 24;70-71 D '62

Party guidance of the national economy [Articles] to the new tasks. Polit. samoobr. 6 no 12;3-6 D '62.

Political education is creative work. I. Kuzmin. Polit. samoobr. 6 no 12;56-61 D '62.

Resolutions of the November Plenum of the Central Committee of the Communist Party of the Soviet Union practice. Part. zhizn' no. 24;3-15 D '62

Working more today means having more time Agitator no 11;3-5 Je '62

COMMUNIST REVISIONISM—BIBLIOGRAPHY see Bibliography—Communist revisionism

COMMUNIST SELF-CRITICISM

Materials of "Partiinaia zhizn'," Part zhizn' no 76 D '62

COMMUNIST STATE

Farberov, N. P. [Program of the CPSU on the role of the socialist state] Programma KPSS o roli sotsialisticheskom gosudarstvo. Moskva, Gospolitizdat, 1962 60 p. (Konsul'tatsii po istorii KPSS)

The state and communism. A. P. Butenko. Voprosy filosofii 16 no. 12;129-141 '62.

COMMUNIST STRATEGY

Modern world and diplomacy. V. Israelian Mezhdunar. zhizn' 10 no. 1;44-52 Ja '63.

(see also subdivision under Latvia, Loyev District, Moscow; Uman')

Competition among members of the Communist Youth League for a better participation in the creation of specialized and model welding enterprises. V.S.Volodin. Svar.proizv. no.5:44-45 My '62.

Guidance of the Communist Youth League is the prime objective of political organizations and party groups. V.Golovkin. Komm.Vooruzh.Sil 3 no.22 55-61 N '62.

Udaev, L.N. [When twilight has fallen] Kogda opuskaiutsia sumerki. [Rizan'] Rinzanskoe knizhnoe izd-vo, 1961. 76 p.

Kudriakov, V.N. [Today we have a meeting] Segodnia u nas sobranie. [Moskva] Molodaia gvardiia, 1962. 95 p. (Komu omol'skomu aktivistu) (C8t-H)

COMMUNIST YOUTH LEAGUE—CONGRESSES

Youth has taken the baton. A.Vezirov. Agitator no.11: 15-17 Je '62

COMMUNISTS

Party organizations and the family life of Communists. V.Vlasenko. Komm.Vooruzh.Sil 3 no.22 74-75 N '62

COMMUNITY AND SCHOOL

Good friendship. V.Ur'ev. Prof.-tekh.obr. 19 no.7: 17 Jl '62.

COMMUNITY CENTERS

(see also subdivision under Bratsk; Minsk)

[New methods in the work of community centers] Novoe v rabote klubov. Moskva, Izd-vo "Sovetskaia Rossiia," 1962. 150 p.

The "Red Torch" turns on the lights. The Safonov brothers. Sov.profsoiuzy 18 no.22,23-26 N '62.

COMMUTATIVE GROUPS see Abelian groups

COMPASS

"Meopta," a special type of geological compass. Iu.G.Safanov. Geol.rud.mestorozh. no.5 99-100 S-O '62

COMPETITION, INTERNATIONAL

Economic consolidation of socialist states and European "integration." I.Dudinskii. Mir.ekon.i mezhdunar. otn. no.12:3-15 D '62.

The Great October is the guiding star of mankind. Vest stat. no.11:3-13 '62.

Problem of solving contradictions between the two world systems in modern bourgeois and revisionist sociology. B.G.Dolgodilin. Vest.Mosk.un.Ser.8 Ekon., filos. 17 no.6:81-89 N-D '62.

"Who dominates the second half of the 20th century?" [in German] by Fritz Sternberg. Reviewed by L.Kapitonov. Az.i Afr.segs. no.11:58 N '62.

"Who dominates the second half of the 20th century?" [in German] by Fritz Sternberg. Reviewed by L.Moskvin. Mezhdunar.zhizn' 10 no.1,164-165 Ja '63.

Year 1962, year 1963..., A.Sovetov. Mezhdunar. zhizn' 10 no.1:3-14 Ja '63.

COMPLEMENT FIXATION

Diagnostic value of the agar fixation reaction. B.T. Bilynskii. Vrach.delo no.12:128 D '62.

Using the complement fixation inhibition reaction for typing the foot-and-mouth disease virus from the serum of reconvalescents. Iu.F.Shvatsov. Visnyk sil'hosp nauky 5 no.11,75-78 N '62.

COMPLEX COMPOUNDS

Complex formation in the system $AlBr_3$ - $(C_4H_9)_2O$ - C_6H_5Cl. E.IA.Gorenbein, V.V.Sukham. Ukr.khim. 28 no.7:799-801 '62.

Complex formation in the systems $AlBr_3$ - $(iso\text{-}C_5H_{11})_2O$ - $C_6H_5NO_2$ and $AlBr_3$ - $(iso\text{-}C_5H_{11})_2O$ - C_2H_5Br. E.IA.Gorenshtein. Zhur.neorg.khim. 7 no.11:2627-2629 N '62.

Complexformation of arsenazo III with elements [with summary in English]. S.B.Savvin. Zhur.anal.khim 17 no.7:785-795 O '62.

COMPLEXONS

Anode amperometric method of the direct titration of indium with complexon III. V.A.Khadeev, I.Buzarov. Ural.khim.zhur. 6 no.5:17-53 '62.

Complexonometric determination of calcium fluoride in fluorite ores [with summary in English]. V.F.Lukitanov, E.M.Kniazeva, K.I.Orekhova. Zhur.anal.khim 17 no.8:931-934 N '62.

Polarographic determination of rhodium as a complexon [with summary in English]. N.A.Ezerskaia, V.N. Filimonova. Zhur.anal.khim. 17 no.8:972-976 N '62.

7-(5-sulfo-2-naphthylazo)-8-hydroxyquinoline-5-sulfonic acid, 7-(4-sulfo-1-naphthylazo)-8-hydroxyquinoline-5-sulfonic acid, 7-4,8-disulfo-2-naphthylazo)-8-hydroxyquinoline-5-sulfonic acid, and 7-(5,7-disulfo-2-naphthylazo)-8-hydroxyquinoline-5-sulfonic acid as indicators for the direct complexonometric determination of gallium [with summary in English] A.I Busev, L.M Skrebkova, L.L.Tatipova. Zhur.anal.khim 17 no.7:831-839 O '62.

solutions of ethylenediaminotetraacetic complexes [with summary in English] V.T Mishchenko, N.S Poluektov. Zhur.anal.khim 17 no.7 825-830 O '62

COMPOSERS

[Soviet composers, recipients of Lenin Prizes] Sovetskie kompozitory - laureaty Leninskoi premii. Leningrad, Muzgiz, 1961. 130 p.

COMPOSITION (ART)

On some principles of composition. Elena Kotova. Iskusstvo 25 no.10 53-61 '62.

COMPOUND E see Cortisone

COMPRESSED WOOD see Wood, Compressed

COMPRESSIBILITY

Applying the law of corresponding states to the compressibility and heat capacity of liquids. N.I Afenkov. Izv.vys.uch.zav.; Khim.i khim.tekh. 5 no.4 672-674 '62.

Compressibility of marine organisms [with summary in English]. L.P.Lebedeva. Trudy Inst.okean. 58:322-327 '62.

COMPRESSORS

(see also subdivision under Erivan)

Compressor for the GST-L device. I.V.Mukhin. Geofiz.razved. no.10:87-88 '62.

Construction of approximate characteristics of an axial compressor. E.T.Baitosh. Trudy TSNII MPS no.241 112-116 '62

Friction power of inclined plates in rotary plate machines having no discharge rings. IU.V Peshti. Izv.vys.ucheb.zav.,mashinostr. no.6:139-146 '62

Kurits, S.IA., L.L.Pashonin, and IU.S.Charnyi. [Use of open arrangements of compressor and pumping stations driven by gas turbines] Primenenie otkrytykh komponovok kompressornykh i nasosnykh stantsii s privodom ot gazovykh turbin. Moskva, VNIIST Glavgaza SSSR, redaktsionno-izd. otdel, 1962. 47 p. (Opyt stroitel'stva magistral'nykh truboprovodov)

Simplified conversion of turbocompressor characteristics during industrial tests. V.A.Murzin, IU.A.TSeitlin. Izv.vys.ucheb.zav.;energ. 5 no.11:98-104 N '62.

COMPULSORY MILITARY SERVICE see Military service, Compulsory

COMPUTATION LABORATORIES see subdivision under Tiflis

CONCERTS see subdivision under Moscow

CONCILIATION, INDUSTRIAL see Arbitration, Industrial

CONCRETE

Decorative concrete finish. A.M.Orlov. Gor.khoz. Mosk. 36 no.10 24-25 O '62.

The phenomenon of electroosmosis in the dehydration of concrete [with summary in English]. A.V.Sidorov. Inzh.-fiz.zhur 5 no.6:110-114 Je '62.

Possibilities for the utilization of hydrophobic sand treated with wood tar. G.Beilakov, N.Ermuss, A.Kalnins. Izv.AN Latv SSR no.3:85-90 '61

Talatavicius, Vladas, and Ricardas Zolynas. [Sand concrete, a building material of the future] Smelio betonai - progresyvi statybine medziaga. [Vilnius] Valstybine politines ir mokslines literaturos leidykla, 1962. 24 p. [In Lithuanian]

Waterproof quick-setting concrete for the reinforcement of vertical shafts in mines. F.E.Bugro, V.V.Evtushenko, B.P.Karpov. Shakht.stroi. 6 no.11 13-14 N '62.

CONCRETE—CORROSION

Concrete supports for potassium mine shafts. M.I. Subbotkin, L.G.Tokareva, I.E.Baier. Mont.i spets. rab.v stroi. 24 no.12:17-10 D '62.

Increasing the stability of reinforced concrete cooling tower. N.A.Moshchanskii and others. Prom.stroi 40 no.11:36-39 '62

Protecting reinforced concrete blocks for tunnel lining from corrosion. F.M.Ivanov, S.N.Vlasov. Transp. stroi. 12 no.11:41-43 N '62.

CONCRETE—CURING

Electric heating of concrete. Stroitel' 8 no.9:7-10, 12-13, 18 S '62.

Nonpressure steam chambers. A.Birkengof. Sel'.stroi. 16 no.2:10-11 F '62.

CONCRETE—TESTING

New problems in determining the strength of concrete. B.G.Skramtaev. Bet.i zhel.-bet. 8 no.9:385-388 S '62.

Pflaumer, O.E. [Principles and practice of ultrasonic testing of concrete] Osnovy i praktika ul'trazvukovykh ispytanii betona. Moskva, Gosstroiizdat, 1962. 39 p.

Some problems of the strength and deformation of types of concrete under extension. O.P.Kvirikadze. Trudy GPI [Gruz.] no.5:147-152 '61.

Testing the solidity of concrete by ultrasonics. S.Korotkov, E.Koskin. Na stroi.Ros. 3 no.8:29-30 Ag '62.

Using vibrators for speeding up the unloading of concrete. A.Vel'mozhin. Avt.transp. 40 no.12 12-13 D '62.

CONCRETE, AIR-ENTRAINED see Air-entrained concrete

CONCRETE BRIDGES see Bridges, Concrete

CONCRETE CONSTRUCTION

Adhesives for fusing concrete and "plastic" concrete structures in underground construction. K.D. Lamba, S.V.Vasil'eva. Shakht.stroi. 6 no.11:14-16 N '62.

Problems of the construction of grain elevators in the Virgin Territory. V.A.Egorov. Prom.stroi. no.10: 14-17 '62.

Standardization of reinforced concrete silos. V.I. Litvinenko. Prom.stroi. 40 no.12 12-15 '62.

CONCRETE PIPE see Pipe, Concrete

CONCRETE PLANTS

The flow of precast reinforced concrete at state farm construction projects is increasing. L.Bykhovskii. Sel'.stroi. no.11 3-5 N '62.

CONCRETE PLANTS—EQUIPMENT AND SUPPLIES

Lapir, F.A., A.A.Susnikov, and D.L.Shaginov. [Mechanical equipment of plants manufacturing precast reinforced-concrete elements; atlas of technical drawings] Mekhanicheskoe oborudovanie zavodov sbornykh zhelezobetonnykh izdelii; atlas konstruktsii. Pod. red. D.L. Shaginova. Moskva, Mashgiz, 1962. 128 p.

CONCRETE PLANTS—SAFETY MEASURES

Birman, A.E. [Handbook on accident prevention for workers in concrete products plants, for the mold operator and concrete worker] Pamiatka po tekhnike bezopasnosti dlia rabochikh zavodov zhelezobetonnykh izdelii; dlia formovshchika-betonshchika. Moskva, Gosstroiizdat, 1961. 15 p. (Tekhnika bezopasnosti v promyshlennosti stroitel'nykh materialov)

Makhnovich, A.T. [Handbook on accident prevention for the molding machine operator, production of reinforced-concrete products] Pamiatka po tekhniko bezopasnosti dlia mashinista formovochnoi mashiny; po proizvodstvu zhelezobetonnykh izdelii. Moskva, Gosstroiizdat, 1962. 21 p. (Tekhnika bezopasnosti v promyshlennosti stroitel'nykh materialov)

CONCRETE PRODUCTS

Rotary concrete placer for molding reinforced concrete products. IA.Kaplanskii. Na stroi.Ros. 3 no.8:37-38 S '62

CONCRETE REINFORCEMENT

Manufacture of the loops of reinforcement frameworks for contact network poles. I.S Vol'skii. Transp. stroi. 12 no.10 52-54 O '62.

New design of an anchor. V.N.Kutsenko. Transp.stroi. 12 no.11:55 N '62.

Protecting the reinforcement from corrosion in cellular concretes. V.E.Sokolovich. Bet.i zhel.-bet. 8 no.9:422-424 S '62.

CONCRETE REINFORCEMENT—WELDING

Automatic welding under flux of insertion pieces for sectional reinforced concrete constructions. A.IA. Brodskii, N.V.Tolmacheva. Svar.proizv. no.11: 28-31 N '62.

New data about submerged arc welding of butt joints of reinforcement in assembly. A.IA.Brodskii. Prom. stroi. 40 no.11:42-46 '62.

We master new methods of welding. V.A. Taratuta. Transp.stroi. 12 no.11:5-6 N '62.

CONCRETE ROOFING see Roofing, Concrete

CONCRETE SLABS

Effect of the quality of the assembling on the condition of the joints. I.Shikunov. Stroi.i arkhit. Mosk. 11 no.10:15 O '62.

Mooring walls with relieving anchor plates. A.I.Polovinkin. Transp.stroi. 12 no.10 25-26 O '62.

New technique for the production of large keramzit-concrete slabs. N.Maksimovskii, N.Sokolov. Na stroi.Ros. 3 no.8:33-35 S '62.

Single-layer slab made of nonautoclaved air-entrained fly-ash concrete. B.Danilov and others. Stroi.i arkhit. 10 no.11:30-31 N '62.

CONCRETE WALLS

Arakelian, A.A. [Lightweight concretes for large wall blocks made with tuff and pumice aggregates] Legkie betony dlia krupnykh stenovykh blokov na tufovykh i pemzovykh zapolniteliakh. Erevan, Armianskoe gos. izd-vo, 1962. 139 p.

Diatomite concrete based on perlite "sand" for wall slabs. IU.Natsiievs'kyi. Bud.mat.i konstr. 4 no.6:33-35 N-D '62.

CONCRETE WALLS—TESTING

Study of the strength and rigidity of bearing wall slabs made of perlite concrete. M.T.Sedakova. Bet.i zhel.-bet. 8 no.9:402-406 S '62.

Aromatic and six-membered naphthene hydrocarbons contained in the fraction boiling between 50-150° from the Malkop condensate. IA D Savvina, L. D Shuklina Trudy VNIIGAZ no 17:279-284 '62.

Concise data on some gas-condensate fields of the Soviet Union. A S Velikovskii and others. Trudy VNIIGAZ no 17:58-65 '62.

Constant factors in the composition of condensates A. S Velikovskii, IA. D. Savvina. Trudy VNIIGAZ no 17: 270-278 '62

Effect of pressure and temperature on the solubility in the gas of hydrocarbons forming condensates IA D Savvina Trudy VNIIGAZ no 17:209-214 '62

Introduction Trudy VNIIGAZ no 17:3-10 '62.

Methods for studying gas-condensate fields. A. S. Velikovskii and others Trudy VNIIGAZ no 17:11-32 '62.

Mirzadzhanzade, A Kh, and others. [Theory and practice of the development of gas-condensate wells] Teoriia i praktika razrabotki gazokondensatnykh mestorozhdenii. Pod obshchei red. A Kh. Mirzadzhanzade Moskva, Gostoptekhizdat, 1962. 228 p. [MICROFILM]

Reservoir losses of condensate A S. Velikovskii and others. Trudy VNIIGAZ no. 17:66-74 '62.

Selection of an effective method for extracting and separating condensates based on reservoir and well head conditions, the composition of gas, and transportation systems. A. K. Ivanov, A S Velikovskii, V. V IUskin Trudy VNIIGAZ no. 17:142-153 '62.

Using linear models of a layer in the experimental study of gas recovery in the water-flooding process. O F. Khudiakov, A. S Velikovskii. Trudy VNIIGAZ no. 17 75-96 '62.

CONDENSATE OIL WELLS—EQUIPMENT AND SUPPLIES
(see also subdivision under Krasnodar Territory)

Apparatus for studying gas-condensate fields. V. V. IUshkin, K. S. Konenkov. Trudy VNIIGAZ no. 17:33-51 '62.

Apparatus for studying phase equilibria of hydrocarbon systems at low temperatures O. K Tabunshchikova, K. S. Konenkov. Trudy VNIIGAZ no. 17 265-269 '62

Modernization of the PVT-7 bomb. N. S. Gushchin and others. Trudy VNIIGAZ no. 17 259-264 '62.

Practice in adapting and starting the UGK-3 apparatus. O. F. Khudiakov. Trudy VNIIGAZ no 17:52-57 '62.

CONDENSATION

On the theory of condensation, the critical point, and the metastable state [with summary in English]. I. M. Dubrovskii Ukr fiz. zhur. 7 no 7:724-732 Jl '62.

CONDENSATION PRODUCTS (CHEMISTRY)

Condensation of phthalic anhydride and phenylacetic acid in triethylamine and acetic anhydride solution [with summary in English] V Ostaja, G Vanags Izv. AN Latv SSR no 3,67-76 '61

CONDITIONED RESPONSE

Action of aminazine, chloracizine, phenamine and their combinations on food and defense conditioned reflexes in rats in a labyrinth [with summary in English] E. L. Shchelkunov. Zhur vys. nerv. deiat. 12 no. 1:173-180 Ja-F '62.

Change in the respiratory component of a motor defense conditioned reaction in various functional states of the respiratory center [with summary in English]. I. I. Tokarenko. Zhur. vys. nerv. deiat. 12 no. 1 128-134 Ja-F '62.

Changes in the activity of the central nervous system in the offspring of irradiated rats [with summary in English]. M. S. Alekseeva. Zhur. vys. nerv. deiat. 12 no. 1 169-172 Ja-F '62.

Comparative characteristics of the physiological conditions in elaborating a stereotype in the first and second signal systems [with summary in English]. L. N. Degtiar'. Zhur. vys. nerv. deiat. 12 no. 1:63-68 Ja-F '62.

Comparative characteristics of the physiological conditions in elaborating a switch-over in the first and second signal systems in the child [with summary in English]. A. N. Znamenskaia. Zhur vys. nerv. deiat. 12 no. 1 69-73 Ja-F '62.

Comparative data on the lability and interactivity of neural processes in the auditory and visual analyzers in dogs and the lower monkeys [with summary in English]. N. S. Popova. Zhur. vys. nerv. deiat. 12 no. 1:88-94 Ja-F '62.

Conditioned reflex respiratory changes in relation to sleep inhibition [with summary in English]. D. A. Birlukov, T. P. Shliafer, M. I. IAkovleva. Zhur. vys. nerv. deiat. 12 no. 1:22-29 Je-F '62.

Conditioned reflexes in stockbreeding. Zhivotnovodstvo 24 no 9:54,56 S '62

Development of the individual characteristics of higher nervous activity in infants in ontogenesis. A. N. Karlova. Pediatriia no. 7:3-8 '62.

Differentiation of photic conditioned stimuli in primates after their simultaneous and successive presentation [with summary in English]. IU. IA. Zakher. Zhur. vys. nerv. deiat. 12 no. 1:95-102 Ja-F '62.

mary in English]. G. A. Obraztsova. Zhur. vys. nerv. deiat. 12 no. 1:155-160 Ja-F '62.

Dynamics of the electrical processes in the structures of the medulla oblongata and in the cortex during reflex reactions in dogs to irritations of varying intensity [with summary in English]. T. S. Naumova. Zhur. vys. nerv. deiat. 12 no. 1 118-127 Ja-F '62.

Effect of bilateral destruction of the cortex of the orbital and anterior gyrus [sic] of Sylvius on unconditioned and conditioned salivation in dogs [with summary in English]. V. N. Kovalenko. Zhur. vys. nerv. deiat. 12 no. 1 135-141 Ja-F '62.

Formation of conditioned reflexes of a high order in adult subjects [with summary in English]. G. A. Shichko. Zhur. vys. nerv. deiat. 12 no 1,30-36 Ja-F '62.

Interaction between the olfactory and auditory, as well as the olfactory and photic components of simultaneous complex stimuli [with summary in English]. E. G. Vatsuro, V. K. Shepelova. Zhur. vys. nerv. deiat. 12 no. 1 103-109 Ja-F '62.

Observations on the conditioned response activity of albino rats at remote dates after the flight in the second spaceship [with summary in English]. L. D. Luk'ianova Probl. kosm. biol. 1 171-180 '62

Role of the order of application and force of combined stimuli in closing conditioned connections [with summary in English]. M. E. Vartga, IA. M. Pressman. Zhur. vys. nerv. deiat. 12 no. 1,110-117 Ja-F '62.

CONDITIONED RESPONSE—CONGRESSES

Results of the All-Union conference on the philosophic aspects of the physiology of higher nervous activity and psychology. Vest AN SSSR 32 no 12 96-97 D '62.

CONDITIONED RESPONSE—STUDY AND TEACHING

Developing conditioned reflexes in fish. B. O Bernosikov. Biol. v shkole no. 4 67-69 Jl-Ag '62.

CONDUCTOMETRIC ANALYSIS

Amperometric titration of manganese with permanganate in the presence of pyrophosphate [with summary in English]. O. A. Songina, M. R. Dausheva, S. A. Khodasevich Zhur. anal. khim. 17 no. 8:966-971 N '62.

Anode amperometric method of the direct titration of indium with complexon III V. A. Khadeev, I Bazarov. Uzb khim. zhur 6 no. 5 17-53 '62.

Conductometric titration of phosphoric acid. Z. P. IAkusheva. Zhur. prikl. khim. 35 no. 10 2195-2199 O '62

Conductometric titration of the system H_3BO_3 - H_2SO_4 - $MgSO_4$. Z. P. IAkusheva, G. V IAn-Sho-tsian [Yang Shuo-hsiang] Zhur. prikl. khim. 35 no. 10 2199-2204 O '62.

CONFECTIONERY

Zhuravleva, E. I., and others. [Technology of confectionery] Tekhnologiia konditerskogo proizvodstva. Pod obshchei red. E. I. Zhuravlevoi. Moskva, Pishchepromizdat, 1962. 442 p.

CONFLICT OF LAWS—PATENTS

Boguslavskii, M. M. [Patent problems in international relations; international law problems relating to inventions] Patentnye voprosy v mezhdunarodnykh otnosheniakh, mezhdunarodno-pravovye problemy izobretatel'stva. Moskva, Izd-vo Akad. nauk SSSR, 1962 342 p

CONFORMAL MAPPING

Analytical variant of Meleni'ev's method I G Gubarl Ukr. mat zhur 14 no 4 398-403 '62

CONGLOMERATE see subdivision under Daghestan

CONGO (LEOPOLDVILLE)—ETHNIC TYPES

The ethnic structure of the Congo. A. I Sobchenko Trudy Inst etn 72 89-107 '62.

CONGO LANGUAGE

The ethnic structure of the Congo. A. I. Sobchenko Trudy Inst. etn 72 89-107 '62

CONIFERAE

Producing vitamin meal in a mobile unit. V Nikolaiuk. Les khoz 15 no. 7:73-75 Jl '62.

Structure and strength of the wood of coniferous species. V. P. Levchenko. Nauk. pratsi lisohosp. fak. UASHN 16 no. 8:151-158 '60.

CONIFERAE—DISEASES AND PESTS
(see also subdivision under Tuva A. S. S. R.)

Forecast for forest pests feeding on conifer needles. G. O. Goltato. Zashch. rast. ot vred i bol. 5 no. 2:41-45 F '60.

CONIFERAE—FERTILIZERS AND MANURES see subdivision under Kostroma Province

CONJUGATIONS (CHEMISTRY)

Polyazines, a new class of polymers with conjugate bonds. A. V. Topchiev and others. Dokl. AN SSSR 147 no. 3:645-648 N '62.

conjunctiva G. G. Zlangirova. Vest oft no 5:3 '62.

CONJUNCTIVITIS, GRANULAR
(see also subdivision under Tajikistan)

Clinical and epidemiological characteristics of fresh forms of trachoma during its eradication A. S. Gushchina. Vest. oft. no. 5 53-58 '62.

Treatment of trachoma with etazol and sulfacyl Kh. S. Abdurakimov Med. zhur. Uzb no 3 69-71 '62

CONNECTIVE TISSUES

Histochemical study of the proteins of precollagen fibers in regenerating connective tissue [with summary in English]. S. G. Kolaeva. Biul. eksp. biol. i med. 51 no 11:98-101 N '62.

Morphological and histochemical changes in the connective tissue of the skin of newborn white rats in dysfunction of the mother's pancreas [with summary in English] V P. Zhuk Biul. eksp. biol. i med. 54 no. 11,92-95 N '62.

CONSCIENTIOUS OBJECTORS

They ruined the lives of these people. M Volkov, N Sokolovskyi Voiov. ateist no. 7 20-21 Jl '62

CONSERVATION OF NATURAL RESOURCES

[More expensive than gold; nature in our wealth] Dorozhe zolota, priroda nashe bogatstvo. Moskva, Geografgiz, 1962. 237 p

CONSERVATION OF NATURAL RESOURCES—CONGRESSES

Fifth All-Union Conference on Conservation. S. S. Verina. Priroda 51 no. 12:100-102 D '62.

CONSERVATORIES OF MUSIC see subdivision under Leningrad

CONSTRUCTION see Building

CONSTRUCTION EQUIPMENT
(see also subdivision under Poland)

The equipment works without idle time. N. P. Nashtrol. Ros. 3 no. 9:1-6 S '62.

For further mechanization and use of prefabricated techniques in assembly work P. A. Zimin, A. I. Shchepet'ev Mekh. stroi. 19 no. 10 1-2 O '62

Improve the organization and establishment of reliable the stocks of materials. D. Bukshtein, IA. Ekon. stroi. no 12:21-28 D '62.

Increasing the reliability and durability of construction and road machinery. D. A. Lazovoi, N. I. Mekh. stroi 19 no 12:15-16 D '62.

Mechanization of construction operations and repair of machinery. Mekh. stroi 19 no. 10 32 O '62

New form for calculations of the work of construction equipment. P. Makar'ev. Na stroi. Ros. S '62.

Raise technology to its full capacity. Na stroi. Ros. no. 9 1 S '62.

Russia (1923- U. S. S. R.) Gosudarstvennyi komitet po delam stroitel'stva. [Standard norms and rates for construction, assembly, repair and construction work] Edinye normy i rastsenki na stroitel'nye, montazhnye i remontno-stroitel'nye raboty. Moskva, Gosstroiizdat.

Sbornik 36. [Assembly and disassembly of construction equipment] Montazh i demontazh stroitel'nykh mashin. 1962. 46 p.

Small roller with electric drive. Stroitel' no. 11 insert 4 pages S '62.

They introduce small equipment skillfully. Transp. stroi. 12 no. 11 8-9 N '62.

With the spark of creative genius. I. Shenfinkel'. Na stroi. Ros. 3 no. 9,2-4 S '62.

CONSTRUCTION EQUIPMENT—ABSTRACTS

[Manufacture of construction equipment and road machinery. Mining machinery] Ref. zhur. Otd. vyp. 43. Stroi. i dor. mashinostr. Gor. mash. no. 24 1962

CONSTRUCTION EQUIPMENT—BIBLIOGRAPHY see also Biography—Construction equipment

CONSTRUCTION EQUIPMENT—EXHIBITIONS

New construction equipment and machinery. Stroitel' no. 11:17-18 N '62.

New machinery at the "Building and road machinery" pavilion of the Exhibition of Achievements of the National Economy of the U. S. S. R. A. F. Vasil'ev Prom. stroi. 40 no 11:62-64 '62.

CONSTRUCTION EQUIPMENT—MAINTENANCE AND REPAIR

The electric shop helps the assemblers. G. Lagutin Na stroi. Ros. 3 no. 9:1 S '62.

"Main principles of the organization of servicing and repairing construction equipment" by I. A. Lutk Reviewed by S. E. Kantorer. Mekh. stroi. 19 no 11 26-28 D '62.

CONSTRUCTION EQUIPMENT—WELDING

Mechanization of welding at repair and machine enterprises M IA, Flenskii Transp stroi 12 no 10 27-29 O '62

CONSTRUCTION INDUSTRY

(see also subdivision under Kalinin; Kamenets-Podol'skiy District, Kazakhstan, Kharkov, Komi A.S.S.R., Kostroma Province, Leningrad; Moscow; Siberia, Western, Tashkent, Ukraine, White Russia)

Achievements of transportation construction workers in celebration of the 45th anniversary of the Great October Revolution. Transp. stroi. 12 no. 11 4 N '62

Apply the decisions of the November Plenum of the Central Committee of the CPSU to construction practice Ekon stroi. no 12 4-5 D '62.

Building materials production and engineering bases for repair and construction organizations IU Dumashev Zhil -kom khoz 12 no 6 16 Je '62

Burning questions of improving planning in industrial construction B. S. Shestov. Prom stroi 10 no 11 2-6 '62

Carry out the decisions of the plenum of the Central Committee of the CPSU Stroi i arkhit Mosk 11 no 12 1 D '62

Central control of production at a housing construction combine. L S Aizenberg, I M Sakharov. Mekh stroi 19 no 12:1-3 D '62.

Consultation Transp stroi 12 no 10:61 O '62.

Economic factor in cutting construction time N Puchkovskii Na stroi Ros 3 no 8 27-28 Ag '62

The great anniversary. Stroi. i arkhit. 10 no. 11:1-2 N '62.

Happy holiday, Comrade Builder! Na stroi Ros 3 no 6.1 Ag '62

Improving the planning of capital construction and changing the wage conditions and system of rewarding workers in construction and assembly and design organizations. Mont i spets rab v stroi 24 no 11 32 N '62.

In response to the call of the Party. A. Tolstov. Stroitel' 8 no. 9 26 S '62.

In the Board of the Ministry. Transp. stroi. 12 no. 11: 63-64 N '62.

In the Board of the Ministry. Transp stroi no 10: 63-64 O '62

In the Ministry of Construction of the R.S.F.S.R. Mont i spets. rab. v stroi. 24 no. 12:27-28 D '62

In the State Committee on Construction of the Council of Ministers of the R.S.F.S.R. Na stroi Ros 3 no 8 38 Ag '62.

In the State Committee on Construction of the R.S.F.S.R. Na stroi. Ros. 3 no. 9 39 S '62.

In the State Committee on Construction of the R.S.F.S.R. Sel'. stroi. no. 11:20 N '62.

In the Technical Council. Transp. stroi 12 no 10:61 O '62.

Information. Sel'. stroi. no. 11 30 N '62.

Inter-collective farm building organizations in Moldavia. G. Tiliov. Ekon. sel'khoz. 33 no. 11 99-105 N '62.

Leading builders of the republics of the Union. Stroitel' 8 no. 9:11, 14-15, 18 S '62.

Let the lights of socialist competition burn brighter! Stroitel' 8 no. 8. 24-26 S '62.

Letters to the editor. Ekon. stroi. no. 12:57-65 D '62.

Marching into the fourth year of the seven-year plan. Stroi. i arkhit Mosk 11 no. 1. 1 Ja '62

Our production base is expanding. V. Glebov. Sel'. stroi 16 no 2:3-5 F '62

Our task by every means to improve the organization of construction work G Lalaian Stroi i arkhit Mosk. 11 no. 1:27-30 Ja '62.

Our way to the industrialization of construction on state farms. V. Sharov. Sel'. stroi. no. 11:6 N '62.

Problems of industrial construction in Kazakhstan. V. IA. Putintsev. Prom. stroi. no. 10:2-4 '62.

Provide rural construction with a strong material and technological base. Sel'. stroi 16 no 2:1-2 F '62.

Questions and answers. Bud. mat. i konstr. 4 no. 6: 59 N-D '62.

Raise the level of mechanization and organization of construction. Sel'. stroi. no. 11 1-2 N '63.

Specialization of building organizations in power-station construction. I. F. Senchenko and others. Prom. stroi. no. 10:24-27 '62.

Speed and quality in construction! Stroi. i arkhit. Mosk. 11 no. 11:1-2 N '62.

State farms deserve high-quality capital construction P. Dmytrenko, P. Zakharchenko. Sil' bud 12 no. 11:6-7 N '62

CONSTRUCTION INDUSTRY—ACCOUNTING

(see also subdivision under Leningrad)

Change the form of the title record. L. Zhebrak. Den. i kred. 20 no. 10:61-62 O '62.

Improve the index of fulfilling the plan. M. E. Sherman. Transp. stroi 12 no. 10:34-36 O '62.

"Mechanization of calculations in construction" by M. M. Rappoport. Reviewed by I. A. Smolina. Mont. i spets. rab. v stroi. 24 no. 12:29 D '62.

On the revision of basic accounting regulations in construction. N. Prokhorov. Bukhg. uchet 19 no. 11 45-46 N '62.

CONSTRUCTION INDUSTRY—AUDITING AND INSPECTION

Increase intradepartmental financial control. S. Timofeev Bukhg. uchet 19 no 11:41-44 N '62.

Inspection of state farm construction carried out with its own resources IA. Kotliarov Den i kred 20 no 10 62-66 O '62

CONSTRUCTION INDUSTRY—BIBLIOGRAPHY see Bibliography—Construction industry

CONSTRUCTION INDUSTRY—COSTS

Lowering the cost of developing and landscaping cities Stroi. i arkhit. 10 no. 11 40 N '62

CONSTRUCTION INDUSTRY—FINANCE

(see also subdivision under Uzbekistan)

Belkina, R. K. [Working capital of contracting construction organizations] Oborotnye sredstva podriadnykh stroitel'nykh organizatsii. Moskva, Gosfinizdat, 1962. 186 p.

Obtain maximum use from capital assets. Gor. khoz. Mosk. 36 no. 11:1-2 N '62.

[Problems in the economics of housing construction] Voprosy ekonomiki zhilishchnogo stroitel'stva. Kishinev, Partiinoe izd-vo TsK KP Moldavii, 1962. 22 p. [MICROFILM]

Problems of improving financial planning in housing construction. G. Bromberg. Fin. SSSR 23 no. 11:50-55 N '62.

Procedures for financing planning and surveying work, letter No. 14, of the Construction Bank of the U.S.S.R., September 15, 1959. Sbor. post., prikl. i instr. po fin.-khoz. vop. 27 no. 11:5-9 N '59.

CONSTRUCTION INDUSTRY—HYGIENIC ASPECTS see subdivision under Irkutsk

CONSTRUCTION INDUSTRY—LABOR PRODUCTIVITY

(see also subdivision under Magnitogorsk region)

Determining obligations in raising labor productivity in pipeline construction A P. Sverdlov Stroi truboprov 7 no 11 26 N '62

Further development and introduction of new techniques is the most important potential for raising labor productivity S N Shcherbakov Mont i spets rab v stroi 24 no 11 1-3 N '62.

Our labor productivity is growing. G. Khalkin, A. Batushkin Sel' stroi 16 no 2 21-22 F '62.

CONSTRUCTION INDUSTRY—MANAGEMENT

(see also subdivision under Minsk; Moldavia)

Measuring the regular production flow of construction and assembly work. I. Krasnov and others. Ekon stroi. no. 12:41-51 D '62

On the problem of continuous planning in construction. B. Sokolov. Ekon. stroi. no 12:6-11 D '62.

CONSTRUCTION INDUSTRY—PRODUCTION METHODS see subdivision under Ukraine

CONSTRUCTION INDUSTRY—TECHNOLOGICAL INNOVATIONS

(see also subdivision under Chorepovets)

New books. Ekon. stroi. no. 12:37 D '62.

CONSTRUCTION WORKERS

(see also subdivision under Baku)

Fly, baton of happiness! Oles' Bentukh. Az. i Afr. seg. no. 11, 30-31 N '62.

CONSUMPTION (ECONOMICS)—STATISTICS

Shchenkov, V. V. [Statistical methods for studying consumers' demand] Statisticheskie sposoby izucheniia pokupatel'skogo sprosa. Moskva, Gosstatizdat, 1962. 79 p.

CONTAINERS

Contest for containers. IUn. tekh. 7 no. 11:18-19 N '62.

Potentialities of a further expansion and increase in efficiency of freight transportation in containers. V. V Povorozhenko, M F Trikhunkov Trudy MIIT no 146: 4-37 '62.

CONTAMINATED FOOD see Food contamination

CONTINUOUS CASTING

Madianov, A. M. [Solidification and new methods of steel casting] Zatverdevanie i novye sposoby razlivki stali. Pod red. A. A. Ryzhikova. Moskva, Metallurgizdat, 1962. 109 p.

CONTRACEPTION see Birth control

CONTRACTS

The registration of contracts for the sale and purchase of buildings. Sov. deput. trud. no. 12:91-93 D '62

CONTRACTS, MARITIME

"The sales contract in the foreign trade of the U.S.S.R." by D. F. Ramzaitsev. Reviewed by V. Tepliakov. Vnesh. torg. 42 no. 12:43 '62.

CONTRACTURE

Cicatricial contracture following burns of the trunk and shoulders. N E Povstianoi Khirurgiia 38 no 10: 117-119 O '62

Exercise therapy for contracture patients V. D. Lisovskaia. Vrach. delo no. 12 123-124 D '62

CONVALLATOXOL

Convallatoxoloside, a new cardioglycoside from the seeds of Lilies-of-the-valley (Convallaria majallis L.). N. F. Komissarenko Dokl. AN SSSR 117 no. 3:625-627 N '62.

CONVERGENCE

Rapidity of convergence of the Newton-Kantorovich method A. IU. Levin, V V Strygin. Usp. mat. nauk 17 no 3 185-187 My-Je '62.

CONVERTERS

Service of refractories in converters with top oxygen blow and improvement of the procedure for the production of converter bricks. E. V. Ivanov and others. Sbor. nauch. trud. UNIIO no. 5 210-233 '61.

CONVEX SURFACES

Example of a discontinuum of nontrivially isometric convex surfaces. I. A Shor. Usp. mat. nauk 17 no. 5 157-160 S-O '62.

CONVEYING MACHINERY

(see also subdivision under Germany, West)

Automatic control of conveyor lines. P. G. Kovyzhenko. Ugol' Ukr. 6 no. 11:40 N '62.

Determining the parameters of screw conveyors [with summaries in English and German] O. Kepe Izv AN Latv. SSR no 3.51-58 '61

Gorbachev, V. I., A. E. Savitskii, and M. Kh. Timofeeva. [Conveyor operator] Mashinist konveiera. Moskva, Gosgortekhizdat, 1962. 99 p. (Bibliotechka molodogo obogatitelia)

Using steam for heating belts of inclined conveyors. I Shokhter, N Poishkov. Sel' stroi 16 no 2 29 F '62

CONVEYING MACHINERY—ABSTRACTS

[Hoisting and conveying machinery and structures] Ref. zhur Otd vyp. 39 Pod -transp mash. i soor. no. 24 D '62.

CONVEYING MACHINERY—MAINTENANCE AND REPAIR

Device for setting and removing telphers. E. M. Gil'dinson. Mashinostroitel' no. 11 26 N '62.

CONVEYING MACHINERY—SAFETY REGULATIONS

Piterskov, N. I. [Safety regulations for fitter and assembler of hoisting and conveying machinery] Pamiatka po tekhnike bezopasnosti dlia slesaria-montazhnika pod"emno-transportnykh mashin. Moskva, Gosstrolizdat, 1962 34 p. (Tekhnika bezopasnosti v promyshlennosti stroitel'nykh materialov)

COOKERY (CRANBERRIES)

Consultation F F. Butenko. Kons. i ov. prom. 17 no 12 39 D '62.

COOKERY (VEGETABLES)

Cholcheva, P. I. [Vegetables in present-day cookery, Translated from the Bulgarian] Ovoshchi v sovremennoi kulinarii. Pod red. Kirilla Gerasimova. Sofia, Gos. izd-vo "Tekhnika," 1962. 353 p.

COOKERY, BULGARIAN

Bulgarian cookery. Belarus' 19 no. 11:27 N '62.

COOKERY, TATAR

Akhmetzianov, IU. A. [Tatar cookery] Tatarskie bliuda. Kazan', Tatarskoe knizhnoe izd-vo, 1961. 127 p.

COOLING TOWERS

Increasing the stability of reinforced concrete cooling tower N. A Moshchanskii and others. Prom. stroi. 40 no. 11 36-39 '62.

The service of corrugated asbestos-cement sheets in the lining of the draw-off towers of cooling towers. G. S. Blokh, R. Z. El'kinson, A. N. Litvinov. Trudy NIIAsbestsementa no. 13 78-87 '62.

COOPERATIVE APARTMENT HOUSES see Apartment houses, Cooperative

COOPERATIVE SOCIETIES

(see also subdivision under Altai Territory, Indonesia, Minsk Province)

Editor's mail. Sov. potreb. koop. 6 no. 9:33 S '62.

"Sixty years of the International Cooperative Alliance" by Henri Fosher. Reviewed by A. Gavrilo. Sov. potreb. koop. 6 no. 9:53-55 S '62.

Stories on progressive workers. E. G. Kucheruk and other. Sov. potreb. koop. 6 no. 9:6-11 S '62.

COOPERATIVE SOCIETIES—ACCOUNTING see subdivision under Gomel' Province, Kamenskoye (Odessa Province)

COOPERATIVE SOCIETIES—AUDITING AND INSPECTION see subdivision under Irkutsk Province

COOPERATIVE SOCIETIES—CONGRESSES

Forum on cooperation. Sov. potreb. koop. 6 no. 9:1-5 S '62.

COOPERS AND COOPERAGE

Pototokov, S. I. [Manufacture of tight and slack barrels] Proizvodstvo zalivnykh i sukhotarnykh bochek. Moskva, Pishchepromizdat, 1962. 357 p.

COORDINATES

"Manual for calculating the coordinates and heights of ground points of control" by M. M. Izvekov and others. Reviewed by V. L. Kagan. Geod. i kart. no. 11:75-77 N '62.

COORDINATION COMPOUNDS

Luteo chloride associated compounds. V. A. Fedorov, V. E. Mironov, F. IA. Kul'ba. Zhur. neorg. khim. 7 no. 11 2528-2533 N '62.

Problem of the formation of luteo chloride associated compounds. V. E. Mironov, V. A. Fedorov. Zhur. neorg. khim. 7 no. 11 2524-2527 N '62.

COPENHAGEN—CERAMICS—CONGRESSES

Eighth International Congress on Ceramics in Copenhagen. A. D. Fedoseev. Zhur. VKHO 7 no. 6 678-679 '62.

COPPER

Chemiluminescent catalytic reaction in the system luminol - copper - hydrogen peroxide. Part 2. Photoelectric method of investigating the effect of copper concentration. A. K. Babko, N. M. Lukovskaia. Ukr. khim. zhur. 28 no. 7 861-865 '62.

Effect of copper on the corrosion-resistance of chromium-manganese-silicon steel. V. N. Tavadze, Sh. G. Svanidze, S. N. Mandzhgaladze. Trudy Inst. met. AN Gruz. SSR. 12 129-136 '62.

Effect of hardening on vacancy concentration in copper and silver condensates. A. S. Palatnik, A. I. Il'inskii. Fiz. tver. tela. 4 no. 12:3564-3567 D '62.

COPPER—CORROSION

Cathodic protection of copper in acid solutions. V. M. Novakovskii, L. F. Lapshina, L. A. Poluboiartseva. [Trudy] UNIKHIM no. 9:122-130 '61.

COPPER—PHYSIOLOGICAL EFFECT

Effect of cobalt and copper on the quantitative relation of globin and hematin in the blood of white rats. A. A. Abrarov. Med. zhur. Uzb. no. 3 54-57 Mr '62.

COPPER ALLOYS

On the article by I. I. Kalinichenko and A. A. Knizeva "Photocolorimetric determination of nickel in alloyed copper without separating it." A. K. Babko. Izv. vys. uch. zav., khim. i khim. tekh. 5 no. 4:684-685 '62.

Reply to the letter by A. K. Babko on the article by I. I. Kalinichenko and A. A. Knizeva "Photocolorimetric determination of nickel in alloyed copper without separating it." I. I. Kalinichenko, A. A. Knizeva. Izv. vys. uch. zav.: khim. i khim. tekh. 5 no. 4 685-687 '62.

COPPER-ALUMINUM ALLOYS—METALLOGRAPHY

Investigating the nature of low-temperature transformations in deformed Cu-Al alloys. T. S. Sidorova, V. E. Panin, M. A. Bol'shanina. Fiz. met. i metalloved. 14 no. 5:750-756 N '62.

COPPER CATALYSTS

Oxidation of unsaturated hydrocarbons on a copper catalyst. L. P. Shapovalov, IA. B. Gorokhovatskii, M. IA. Rubanik. Ukr. khim. zhur. 28 no. 9:1031-1036 '62.

Pyrolysis of some hydrocarbons in the presence of copper. A. T. Dobrianskii, M. M. Visneveskaia. Zhur. prikl. khim. 35 no. 11:2472-2477 N '62.

COPPER CHLORIDES

Interaction in the system AgCl+Cu+CuCl+Ag. A. P. Palkin, IU. P. Afinogenov. Zhur. neorg. khim. 7 no. 11 2606-2610 N '62.

COPPER-GOLD ALLOYS

Mechanical properties of ordering copper-gold alloys. V. I. Siutkina, E. S. IAkovleva. Fiz. tver. tela. 4 no. 10: 2901-2907 O '62.

COPPER-MANGANESE ALLOYS

Solid state transformations in alloys of the system copper-manganese rich in copper. E. M. Sokolovskaia, A. T. Grigor'ev, E. M. Smirnova. Zhur. neorg. khim. 7 no. 11:2636-2638 N '62.

COPPER-NICKEL ALLOYS

Development of submicroporosity in composite electrolytic films of the system Cu - Ni during heating and under load. B. IA. Pines, R. I. Kuznetsova, M. F. Dubovik. Fiz. tver. tela. 4 no. 12:3409-3414 D '62.

COPPER ORES see also subdivision under Armenia; Kyzyl Kum; Siberian Platform; Udokan Range

COPPER OXIDE

Diffusion of impurity centers in the coating of copper oxide rectifiers. V. I. Kuznetsov, M. I. Shchevelev. Izv. vys. ucheb. zav.: fiz. no. 5:161-163 '62.

Effect of oxygen vacancies on the luminescence and photoconductivity of copper oxide. IU. V. Vorob'ev, IU. I. Karkhanin. Fiz. tver. tela. 4 no. 11:3336-3337 N '62.

COPPER OXIDE—ELECTRIC PROPERTIES

Luminescence and conductance of copper oxide under the action of an electric field applied to the surface. G. P. Peka, IU. I. Karkhanin. Fiz. tver. tela. 4 no. 12:3618-3625 D '62.

COPPER OXIDE—OPTICAL PROPERTIES

Luminescence and conductance of copper oxide under the action of an electric field applied to the surface. G. P. Peka, IU. I. Karkhanin. Fiz. tver. tela. 4 no. 12:3618-3625 D '62.

COPPER OXIDE CRYSTALS

Comparison of the Bloch and Heitler-London methods in their application to the ground state of Cu_2O type crystals [with summary in English]. N. V. Starostin. Vest. LGU 17 no. 22 19-22 '62.

Kinetic equation for excitons in Cu_2O crystals [with summary in English]. O. I. L'vov, P. P. Pavinskii. Vest. LGU 17 no. 22, 23-28 '62.

COPPER POTASSIUM SULFATE

Thermodynamic properties of the spin system of copper potassium sulfate. K. P. Sitnikov. Fiz. tver. tela. 4 no. 10:2916-2947 O '62.

COPPER SULFATE

Preliminary data on the effect of copper sulfate on the larvae of Anopheles and the algal pellicle of rice fields. N. P. Sokolov and others. Trudy Gidrobiol. ob-va. 12:55-59 '62.

COPPER-ZINC-ANTIMONY ALLOYS

Physical properties of Cu-Zn-Sb alloys. V. A. IUrkov. Fiz. met. i metalloved. 14 no. 2:172-181 Ag '62.

COPYRIGHT

Examination of the quality of literary works in the judicial investigation of copyright disputes. V. Chertkov. Sov. iust. no. 23 7-8 D '62.

New regulations pertaining to copyright royalties. Sov. iust. no. 11:28-29 Je '62.

COR PULMONALE

Chronic cor pulmonale syndrome in older and aged persons [with summary in English]. O. V. Korkushko, P. S. Fedyshin, V. F. Radzivil. Vrach. delo. no. 12:38-43 D '62.

Clinical aspects of pulmonary and cardiopulmonary insufficiency in children [with summary in English]. IU. I. Dombrovskaia. Pediatriia. 41 no. 6:3-6 S '62.

CORALS, FOSSIL
(see also subdivision under Crimean Mountains)

Biostratigraphic and biogeographic review of Tabulata affinities of Paleozoic corals in the U.S.S.R. [with summary in English]. B. S. Sokolov. Geol. i geofiz. no. 10:53-67 '62.

CORE DRILLING

Drilling practices and power consumption in core drilling. M. G. Glazov. Mat. po geol. i pol. iskop. TSentr. Kazakh. no. 2 126-137 '62.

CORE DRILLING—EQUIPMENT AND SUPPLIES

New device for oriented core extraction from slim holes. E. E. Gittsigrat, V. V. Shitikhin. Razved. i okh. nedr. 28 no. 11:58-61 N '62.

Use of hydrodynamic gears in the drives of core drills. N. N. Sumancev. Razved. i okh. nedr. 28 no. 11:31-33 N '62.

COREMAKING—PRODUCTION STANDARDS

Moscow. TSentral'noe biuro promyshlennykh normativov po trudu. [Time norms established in the general machinery industry for sheet molding and coremaking] Obshchemashinostroitel'nye normativy vremeni na izgotovlenie obolochkovykh form i sterzhnei. Moskva, 1961. 65 p.

CORES (ELECTRICITY)

Calculation of pulse parameters of ferromagnetic plates and ribbon-type cores [with summary in English]. M. G. Vitkov. Avtom. i telem. 23 no. 12: 1686-1691 D '62.

CORK TREE see subdivision under Crimea

CORN (MAIZE)
(see also subdivision under Orel Province; Russia, Northwestern; Sweden; Ternopol' Province; Ukraine)

Corn ensilage with the dry "SKR" biological preparation. V. P. Roshchin, L. N. Galiamin, S. E. Muravskii. Zhivotnovodstvo 24 no. 9 50-52 S '62.

[Corn] Kukuruza. [Moskva] Mosk. rabochii, 1962. 99 p. (Slushateliam shkol peredovogo opyta) (DNAL)

Dziarkach, L. S. [Practices in growing corn for grain] Vopyt vyrashchvannia kukuruzy na zerno. Minsk, Dziarzh. vyd-va sel'skahaspadarchai lit-ry BSSR, 1962. 16 p. (Bibliatechka peradavoha vopytu) (DNAL)

Editor's mailbox. D. Tarasov and others. Agitator no. 12, 60-61 Je '62.

Effect of radioactivity on the germination of pollen in corn. L. P. Vitkalenko. Visnyk sil'hosp. nauky 5 no. 11:84 N '62.

Effect of the time of pollination on the interception [illegible] development of kernels in corn ears. T. I. Mishchenko. Izv. AN Kazakh. SSR. Ser. bot. i pochv. no. 3:55-61 '62.

Effectiveness of injecting ammonia powders in soils. F. K. Vorob'ev, V. N. Kol'berg. Zashch. rast. ot vred. i bol. 7 no. 4 25-26 Ap '62.

Method for determining "residual" amounts of nitrates in corn seed [with summary in English]. G. P. Kostina, IU. I. Shillinger, B. V. Mikhal'chuk. Vop. pit. 21 no. 4:60-63 Jl-Ag '62.

Physiological and biochemical characteristics of [illegible] seeds at various stages of ripening [with summary in English]. IU. S. Rall. Izv. TSKHA no. 1:84-91 '62.

What they knew about corn in 1634. N. Zlenko. Ukr. ist. zhur. no. 29:26 O '62.

Zhudro, N. F. [How we grow corn] IAk my vyrashchvaem kukuruzu. Minsk, Dziarzh. vyd-va sel'skahaspadarchai lit-ry BSSR, 1962. 39 p. (Bibliatechka peradavoha vopytu) (DNAL)

CORN (MAIZE)—ANALYSIS AND CHEMISTRY

Physical and biochemical characteristics of starch [illegible] unshelled corn harvested at various stages of [illegible] [with summary in English]. V. IA. IAkovenko, I. I. Isarova. Trudy VNIIZ no. 38 213-212 '60.

CORN (MAIZE)—DISEASE AND PEST RESISTANCE see subdivision under Rostov Province

CORN (MAIZE)—DISEASES AND PESTS
(see also subdivision under Altai Territory, Ukraine)

All-Union conference on stalk rot of corn [illegible] K. N. Bel'tiukova. Mikrobiol. zhur. 24 no. 2 [illegible] '62.

Corn smut. N. I. Salunskaia, V. I. Shkolenko, V. [illegible] tsenko. Zashch. rast. ot vred. i bol. 7 no. 8 [illegible] '62.

Effectiveness of disinfecting seed corn with [illegible] thiuram-disulfide. T. I. Doldaeva. Zashch. rast. ot vred. i bol. 6 no. 8 26 Ag '61.

Micro-organisms antagonistic of Ustilago zeae [illegible] [with summary in English]. Z. N. I[illegible] biologiia 31 no. 3 499-501 My-Je '62.

Mixed plantings and the Swedish fly. I. N. Shapiro, V. F. Koraviankii, IU. K. Novoselov. Zashch. rast. ot vred. i bol. 7 no. 1:37-38 Ap '62.

Poisoned barriers for corn protection against wireworms. I. I. Sobolova-Dokuchaeva. Zashch. rast. ot vred. i bol. 7 no. 4:43 Ap '62.

Role of combine harvesting of corn in the [illegible] of smut. F. E. Nemlienko, I. I. Sidenko. Zashch. rast. ot vred. i bol. 7 no. 8 25-27 Ag '62.

Role of seeds in the spread of Diplodia zeae infection of corn. F. E. Nemlienko, G. V. Glushenko. Zashch. rast. ot vred. i bol. 7 no. 2 45-47 F '62.

Stem rot of corn and sorgo. M. V. Gorlenko, [illegible] rast. ot vred. i bol. 6 no. 9:15-16 Ag '61.

Tetramethylthiuram-disulfide in the control of corn smut of corn. M. P. Kul'pinova. Zashch. rast. ot vred. i bol. 6 no. 8:20 Ag '61.

The weevil Tanymecus dilaticollis Gyll. [illegible] A. F. Lukashevich. Zashch. rast. ot vred. [illegible] 50 Ag '62.

CORN (MAIZE)—DISEASES AND PESTS—BIBLIOGRAPHY see Bibliography—Corn (Maize)—Diseases and pests

CORN (MAIZE)—FERTILIZERS AND MANURES

Effect of microelements on the growth and development of corn at various temperatures [in Azerbaijani with summary in Russian]. B. Z. Guseinov, Z. [illegible] dova. Izv. AN Azerb. SSR. Ser. biol. i med. nauk. no. 6 11-21 '62.

CORN (MAIZE)—HARVESTING

A universal MDU-3 thresher-crusher. I. A. Khi[illegible] Trakt. i sel'khozmash. 31 [i.e. 32] no. 11:34-35 N '62.

CORN (MAIZE)—MICROBIOLOGY see subdivision under Ukraine

CORN (MAIZE)—STORAGE

Effect of Co^{60} gamma rays on the activity of the [illegible] lipase and the characteristics of the grain fats in [illegible] corn [with summary in English]. A. D. Chmyr'. Trudy VNIIZ no. 38:97-104 '60.

CORN (MAIZE)—VARIETIES see subdivision under Ossetia, North

CORN AS FEED

Mixed sowing of corn and phaseolus for forage [illegible] F. S. Marenkin. Zhivotnovodstvo 24 no. 6:55-57 Je '62.

Preparation and effectiveness of using corn silage [illegible] riched with urea nitrogen in fattening young [illegible] I. S. Lebedinskii. Nauch. trudy Zootekh. fak. Kher zoovet. inst. 11:51-61 '62.

Results of fattening young cattle on corn silage [illegible] supplements of urea and cobalt. N. Z. Krusir[illegible] Visnyk sil'hosp. nauky 5 no. 10:72-78 O '62.

CORN OIL

Practices in the production of corn oil. M. IA. Sh[illegible] galter. Masl.-zhir. prom. 28 no. 11:38-40 N '62.

CORNCOBS

Dynamics of starch and hemicellulose accumulation in the corncob in the course of its development F Sh. Osmanova, Bot. zhur. 47 no 10 1510-1517 O '62

CORNCOBS—DRYING

Corncob drier. L Mykhailov, Stil' bud 12 no 11 15-16 N '62.

CORNCOBS AS FEED

Shop for processing corncobs A D. Nazarov Zhivotnovodstvo 24 no 9 23 S '62

CORNEA—DISEASES

Effect of stimulators on the mediator activity of the aqueous humor in experimental herpetic keratitis N.I., Malanova, Vest. oft. no 5:7-10 '62.

CORNEA—TRANSPLANTATION

Electrokeratome for laminar transplantation of the cornea [with summary in English]. V. Г Zheleznova Vest. oft. no. 5:44-47 '62.

Method for taking a graft for laminar transplantation of the cornea [with summary in English]. I. V. Morkhat. Vest. oft. no. 5 42-44 '62.

Transplantation of a cornea preserved at low temperatures [with summary in English]. N. M. Savushkina. Vest. oft. no. 5:36-42 '62.

CORONARY HEART DISEASE

Cholinesterase activity in coronary insufficiency. G. A. Kvitko, L. P. Pogorelova. Vrach. delo no 12:124-126 D '62.

Disorder of the coronary circulation in nonpenetrating wounds of the chest cavity. S. S. Rabinovich. Klin. med. 40 no. 10:130-133 O '62.

Disorders of cerebral circulation in acute coronary insufficiency. N. K. Bogolepov, L. O. Badalian, T A. Luzhetskaia. Trudy Gos. nauch.-issl. inst. psikh. 25: 581-593 '61.

Electrophoretic study of serum lipoproteins in coronary insufficiency. N. V Demidova. Terap arkh. no. 8 10-53 '62.

Morbidity, mortality and disability in coronary atherosclerosis. M. I. Khvilivitskaia, M. Iu. Magull. Terap. arkh. no. 8:53-58 '62.

Neurological aspects of the surgical treatment of coronary disease. A. N. Bakulev and others. Klin. med. no. 9:57-62 '62.

Premedication and anesthesia in chronic revascularization in coronary insufficiency. N. G. Rostavleva, Kh. N. Muratova. Vest. AMN SSSR 17 no. 8:04-07 '62.

Study of the functional state of coronary circulation during the process of treatment in coronary atherosclerosis [with summary in English]. A. A. Katanian, G. A. Nargizian. Terap. arkh. no. 8:58-61 '62.

CORPUS LUTEUM

Structure and function of a persistent corpus luteum in the ovaries of cows. H. S Krok, M. Iu. Shaiduba. Visnyk sil'hosp. nauky 5 no. 11:99-101 N '62.

CORRESPONDENCE SCHOOLS AND COURSES
(see also subdivision under Kirov Province)

Correspondence students should have more good textbooks. Sh. Kurmanbaev. Sov. potreb. koop. 6 no. 9: 39 S '62.

Higher correspondence schools and evening courses in the U.S.S.R. K. A. Mokichev. Sov. gos. i pravo 32 no. 12:120-130 D '62.

CORROSION, ELECTROLYTIC see Electrolytic corrosion

CORROSION AND ANTICORROSIVES

Avdeeva, A. V. [Metal corrosion in the food industry] Korroziia metallov v pishchevoi promyshlennosti. Moskva, Pishchepromizdat, 1962. 209 p.

Chemical properties of cast iron in the system iron - chromium - nickel - silicon - carbon. F. N. Tavadze and others. Trudy Inst. met. AN Gruz. SSR 12 137-144 '62.

Criteria of chemical and electrochemical corrosion. V. M. Novakovskii. [Trudy] UNIKHIM no. 9:5-12 '61.

Protecting the reinforcement from corrosion in cellular concretes. V. E. Sokolovich. Bet. i zhel.-bet. 8 no. 9:422-424 S '62.

Tavadze, F. N., and S. N. Mandzhgaladze. [Corrosion and the protection of metals in mineral waters of Georgia] Korroziia i zashchita metallov v mineral'nykh vodakh Gruzii. Tbilisi, Izd-vo Akad. nauk Gruzinskoi SSR. Pt. 2, 1962. 270 p.

We are waiting for an improved insulating machine. N. V. Lobanov. Stroi. truboprov. 7 no. 11:25 N '62.

CORTICOSTERONE

Effect of desoxycorticosterone acetate, vitamin B6, cutaneous gland secretions of a toad, antibiotics, and camphor on the course and outcome of acute experimental radiation injury. E. G. Dolgov. Zdrav. Kazakh. 22 no. 3:47-50 '62.

CORTISONE

Changes in the thyroid gland during the prolonged intramuscular administration of cortisone; an experimental study. V. V. Nekachalov. Zdrav. Tadzh. 9 no. 5:41-44 '62.

Use of cortisone in the treatment of acute pancreatitis B M Gershman. Khirurgiia 38 no 10:71-74 O '62

CORUNDUM

Paramagnetic resonance and spin-lattice relaxation of Ti^{3+} ions in corundum. S. A. Al'tshuler, Sh. Sh Bashkirov, M. M. Zaripov. Fiz. tver. tela 4 no 12 3367 3372 D '62.

CORYNEBACTERIUM

Localization of mannan of diphtherial bacteria in the bacterial cell [with summary in English] O K Orlova Mikrobiol zhur 24 no 2 14-18 '62

COSMIC DUST

Dusty matter in the vicinity of the Earth. IU. P. Pskovskii. Priroda 51 no. 12:68-73 D '62.

COSMIC RAYS

Absorption coefficient of the intensity of cosmic rays responsible for solar diurnal variations. A I. Kuz'min, G V Skripin Trudy IAF AN SSSR Ser. fiz. no. 4:103-107 '62

Angular distribution of cosmic ray intensity below ground at depths equivalent to 0 to 60 meters of water. A I Kuz'min, G. F Krymskii, G. V. Skripin Trudy IAF AN SSSR. Ser. fiz. no 4,22-25 '62.

Counter for studying the neutron component of cosmic rays in the atmosphere. V D Sokolov, I N. Kapustin Trudy IAF AN SSSR Ser. fiz. no. 4:10-14 '62.

The "day-night" effect in cosmic ray intensity according to stratospheric measurements. IU. G Shafer Trudy IAF AN SSSR. Ser. fiz. no. 4:111-112 '62.

Effect of magnetic storms on cosmic ray intensity according to stratospheric measurements. IU G Shafer, V D. Sokolov. Trudy IAF AN SSSR. Ser. fiz. no. 4:138-141 '62.

Eleven-year variations on cosmic ray intensity N. P Chirkov, V A Filippov, G. V. Shafer. Trudy IAF AN SSSR. Ser. fiz. no. 4:122-131 '62.

Flare-up of cosmic ray intensity on May 4, 1960 A. I. Kuz'min and others. Trudy IAF AN SSSR Ser. fiz no 4:132-137 '62.

Fundamental properties of solar diurnal variations according to data of selective cosmic ray measurements G V Skripin. Trudy IAF AN SSSR. Ser. fiz. no 4:83-90 '62

How to allow for geometric effects in frequency variations of extensive air showers near sea level. D. D. Krasil'nikov. Trudy IAF AN SSSR. Ser. fiz. no 4:51-56 '62

July 1959 according to data of comprehensive geophysical observations at Yakutsk A. I. Kuz'min and others Trudy IAF AN SSSR. Ser. fiz. no. 4:142-155 '62.

Lunar diurnal variations in cosmic rays. G. F. Krymskii. Trudy IAF AN SSSR. Ser. fiz. no. 4:108-110 '62.

Measurement of slow neutrons in cosmic rays on an airplane. N. L. Grigorov, V D Sokolov, V. F. Litvenko Trudy IAF AN SSSR. Ser. fiz. no. 4:4-9 '62.

The multiplicity factor. G. F. Krymskii. Trudy IAF AN SSSR. Ser. fiz. no. 4:57-60 '62.

Neutrinos and the cosmic ray intensity at great depths [with summary in English]. B. Pontecorvo, A. E. Chudakov. Zhur. eksp. i teor. fiz. 43 no. 5:1967-1969 N '62.

Operating conditions for SNM-8 counters at voltages up to 3 kv. A. V. Sergeev, A. A. Luzov. Trudy IAF AN SSSR. Ser. fiz. no. 4:38-40 '62.

Pathways of high-energy physics; an interview with S. Powell, Nobel Prize winner for 1962. Priroda 51 no. 12 54-55 D '62.

Relation between the intensity of the ionization burst and the shower intensity in high-pressure chambers D. D Krasil'nikov Trudy IAF AN SSSR. Ser. fiz. no. 4:15-18 '62

Relation between the width ratio and the mean intensity of extensive air showers. D D. Krasil'nikov and others Trudy IAF AN SSSR. Ser. fiz. no. 4, 19-21 '62.

Results of studying the quantity γ off in the differential spectrum of π-meson production. A. A. Danilov, G. F Krymskii, V. A. Filippov. Trudy IAF AN SSSR. Ser. fiz. no. 4:41-46 '62.

Role of the upper atmospheric layers in minor effects of the hard component of cosmic rays during chromospheric solar flares. A. I. Kuz'min. Trudy IAF AN SSSR. Ser. fiz. no. 4:61-65 '62

Seasonal effect in cosmic ray intensity according to stratospheric measurements. IU. G. Shafer, V. D. Sokolov. Trudy IAF AN SSSR. Ser. fiz. no. 4:49-50 '62.

Some principal properties of disturbed solar diurnal variations in cosmic ray intensity. A. I. Kuz'min. Trudy IAF AN SSSR. Ser. fiz. no. 4:91-102 '62.

Variations in cosmic rays below ground during 1957-1960. A. I. Kuz'min, G. V. Skripin. Trudy IAF AN SSSR. Ser. fiz. no. 4:66-82 '62

Zastavenko, L. G., and A. Chilok. [Angular and energy distributions of fast μ-mesons penetrating deep into the earth from the atmosphere] Uglovoe i energeticheskoe raspredelenie bystrykh μ-mezonov, proniknikh iz atmosfery na bol'shuiu glubinu v zemliu. Dubna, Ob"edinennyi in-t iadernykh issledovanii, 1962. 7 p. [With summary in English]

COSMIC RAYS—PHYSIOLOGICAL EFFECT

Biological effect of cosmic and solar radiation in the mountains [with summary in English]. V. I. Danilenko Probl. kosm. biol. 1 382-389 '62.

Radiobiological problems of space flights [with summary in English]. A. A. Giurdzhian. Probl. kosm. biol 1:27-103 '62.

COSMOGONY

Behavior of spherically symmetrical mass distributions in the general theory of relativity. Part. 2 I. D Novikov Vest. Mosk. un. Ser. 3 Fiz., astron. 17 no 6:68-72 N-D '62

Formation of stars in an expanding universe. IA. B. Zel'dovich Zhur. eksp. i teor. fiz. 43 no. 5 1982-1984 N '62.

Lavrukhina, A. K., and G. M. Kolesov. [Formation of chemical elements in cosmic bodies] Obrazovanie khimicheskikh elementov v kosmicheskikh telakh. Moskva, Gosatomizdat, 1962. 171 p. (Nauchno-populiarnaia biblioteka gosatomizdata)

COSMOLOGY

Wheeler, John A. [Gravitation, neutrinos, and the universe. Translated from the English] Gravitatsiia, neitrino i Vselennaia Pod red. D. Ivanenko. Moskva, Izd-vo inostr. lit-ry, 1962. 403 p. (Problemy fiziki) [Publ. in English as: Neutrinos, gravitation and geometry. Russian edition has additional articles by author and others]

COST AND STANDARD OF LIVING
(see also subdivision under Hungary; Tambov Province)

Kabkov, IA. I. [Further efforts of the party organizations to improve the standard of living of Soviet workers] Rabota partiinykh organizatsii po dal'neishemu povysheniiu blagosostoianiia trudiashchikhsia; lektsiia, prochitannaia v Vysshei partiinoi shkole pri TsK KPSS. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1962. 29 p. (Partiinoe stroitel'stvo, kurs lektsii)

COSTS (LAW)

Some shortcomings in the collection of court costs A Grun. Sov. iust. no 10 14-15 My '62.

COSTS, INDUSTRIAL

Effect of the reduction in cost of new equipment due to specialization in its manufacture on improvement in the utilization of working capital A V Tikhomirova Trudy MAI no. 151 102-114 '62

COSTUME see subdivision under Syria

COTTON
(see also subdivision under Uzbekistan)

Hydroxy acids of cotton. A. S. Sadykov, N. I. Salit. Uzb. khim. zhur. 6 no. 5:68-74 '62.

COTTON—DISEASES AND PESTS
(see also subdivision under Egypt)

Differences among caterpillars harmful to cotton bolls. V. V. Il'ichev. Zashch. rast. ot vred. i bol 6 no. 8 48-49 Ag '61.

COTTON—IRRIGATION see subdivision under Golodnaya Steppe

COTTON—PRICES see subdivision under Uzbekistan

COTTON—TRANSPORTATION see subdivision under Uzbekistan

COTTON—WATER REQUIREMENTS

Effectiveness of microelements under different irrigation conditions. V. I. Alieva. Izv AN Azerb. SSR Ser. biol i med. nauk no. 4:43-51 '62.

COTTON BREEDING see subdivision under Echmiadzin District

COTTON GROWING
(see also subdivisio
Central Asia)

Tiupko, V. A. [Ov
Kompleksnaia m
skva, Sel'khoziz
(DNAL)

COTTON-PICKING

Machinery design
N. Iomdin. Nar.

COTTON WILT

Distribution of act
in the soils of U.
G. M. Kublanovsk
My-Je '62.

Wilt of fine-fiber
Malinin. Zashch
'62.

COTTONSEED OIL

Hydrogenation of c
tory column-type
D. V. Sokol'skii a
Kazakh. SSR 8:1

Hydrogenation of c
D. V. Sokol'skii,
AN Kazakh. SSR

COUNTING DEVICES

Mechanical counter of beta rays emitted from metallometric samples. V.IA Kirillov Razved.i okh nedr, 28 no.11 51 N '62.

The R-3 device for automatic registration of the work of construction cranes V V Volkov, N N Kopeilina, M G Feigin Mekh stroi 19 no 10 22-23 O '62

Russia (1923- U S S R) Gosudarstvennyi komitet po voprosam truda i zarabotnoi platy [Presently manufactured Soviet equipment for industrial initial counting and information transmission] Sredstva pervichnogo scheta i peredachi informatsii v proizvodstve vypuskaemye promyshlennostiu SSSR, obzor Moskva, 1961 147 p

COUNTING TUBES see Ionization chambers

COUPLINGS

Karmadonov, A. F. [Shaft couplings] Soedinitel'nye ustroistva valov. Moskva, Mashgiz, 1962, 86 p.

COURTS

(see also subdivision under Ukraine)

For the well-organized sessions of Soviet courts. D Shavkov Sov just no. 12 1-6 Je '62

Important form of the work of people's assessors. *G Karnatov. Sov just no 8 1? Ap '62*

In the Presidium of the Supreme Soviet of the R. S. F. S. R Sov just no 11;29 Je '62

Our readers continue their discussion of "judicial culture " Sov just no 23 11 D '62

People's courts as the organs of workers' participation in the government. Sov. just. no. 22 1-3 N '62.

COUSINIA

Longevity of some species of Cousinia Cass. and Arctium L. S. A. Patzieva. Bot. zhur. 47 no 10,1517-1522 O '62.

COWLES, GARDNER, 1903-

Khrushchev, N.S. [Conversation with G. Cowles, the American publisher] Beseda s amerikanskim izdatelem G. Koulsom. Moskva, Gospolitizdat, 1962 32 p. (MH)

COWS

Effect of ultraviolet rays on metabolism in cows. A.I. Shcherbyna. Visnyk sil'hosp.nauky 5 no. 10 107-110 O '62.

Functional connection of organs through interoceptors. IE.M. Fedii. Visnyk sil'hosp.nauky 5 no. 10-118-119 O '62.

COWS—DISEASES AND PESTS

Structure and function of a persistent corpus luteum in the ovaries of cows H S Krok, M IU Shaiduha Visnyk sil'hosp nauky 5 no 11:99-101 N '62

COWS—FEEDING AND FEEDS

(see also subdivision under Altai Territory)

Concentrate batcher. G A Emets Zhivotnovodstvo 24 no 9 86-87 S '62

Effect of large amounts of corn silage in food rations for pregnant cows on the development of the fetus and the quality of colostrum and milk. S I, Kravchenko. Nauch trudy Zooteh. fak. khar. zoovet. inst. 11,62-67 '62

Feeding cows with silage and grass from highly productive pastures V P Mel'nichuk. Zhivotnovodstvo 24 no 9 46-47 S '62

COYPU see subdivision under Azerbaijan

CRABS see subdivision under Barents Sea

CRACKING PROCESS

Dehydrogenation cracking of a diesel fuel on chromia-aluminosilicate catalysts. I. A. Buvalkina, B Dauletov Trudy Inst. khim. nauk AN Kazakh SSR 8:115-127 '62.

Effect of elementary composition of raw materials on the formation of carbon black in the process of electrocracking in microarcs. A. D. Kokurin, V. D. Obrezkov. Zhur. prikl. khim. 35 no. 11:2574-2577 N '62.

Effect of preheating of gas in the electrocracking of methane to acetylene. D. T. Il'in, E. N. Eremin. Zhur. prikl. khim. 35 no. 11:2496-2504 N '62.

CRANES, DERRICKS, ETC.

Changing the load limit of the BKSM-5-5A tower crane. I. M. Andrianov, IU N. Vasil'ev. Mekh. stroi. 19 no 10 18-19 O '62.

Choosing the parameters of assembly cranes. P. A. Zimin Mekh. stroi. 19 no. 10 14-17 O '62.

Dynamic loads of crane mechanisms and means for their reduction. A. L. Aleiner. Trudy LPI no. 219:92-100 '62.

"Harbor and deck load-hoisting machinery" by A. I. Dukel'skii. Reviewed by I. Niurkin, Z. Sherle. Rech. transp. 21 no. 12.55-56 D '62.

Improving the utilization of tower cranes in construction A. T. Chistiakov. Mekh. stroi 19 no. 10-30-31 O '62.

Increasing the load limit of gantry cranes. V. Babich. Stroi. i arkhit. 10 no. 11:34-35 N '62.

New types of tower cranes I. Shabalin Stroi i arkhit Mosk 11 no 10 34-35 O '62.

Piling bridge cranes. G. M Nikolaevskii, V. V. Bitiukov. Mashinostroitel' no. 11 6-8 N '62.

Self-propelled cranes assemble technical equipment L E Fel'dshtein, B M Magid Mekh stroi 19 no 10 10-12 O '62

Strut-system crane gantries for buildings with a large network of columns M M Berdichevskii, B G Lozhkin, IU A. Rakovshchik. Prom. stroi. 10 no. 12 28-32 '62

Use of cranes in the assembly of structural elements N I Bogdanov, E I Gurevich, E V Kuruna Mekh. stroi 19 no 10 3-5 O '62

Vakulov, N. F. [Diesel and electric crane operator's manual] Posobie kranovshchiku dizel'nogo i elektricheskogo krana. Moskva, Izd-vo "Rechnoi transport," 1961. 202 p.

CRANES, DERRICKS, ETC.—EQUIPMENT AND SUPPLIES

Boom upswing limiter of the K-32 and LAZ-690 truck-mounted cranes G A Rybchenko Mekh stroi 19 no 10 17 O '62

The R-3 device for automatic registration of the work of construction cranes V V Volkov, N N Kopeikina, M G Feigin. Mekh stroi 19 no 10 22-23 O '62.

Stock reinforced concrete anchor for assembling and dismantling tower cranes. I. Limarenko, Kh Kirlatsev Stroi. i arkhit. 10 no 11-34 N '62.

CRANES, DERRICKS, ETC.—SAFETY MEASURES

Damper for the grab Transp stroi. 19 no 10 55 O '62

CRANKS AND CRANKSHAFTS

Damping of torque vibrations in diesel engines for locomotives with cast iron crankshafts. R M Sukhomlinov. Trudy KHIIT no. 46 30-42 '61

CRANKS AND CRANKSHAFTS—CLEANING

Unit for washing crankshafts. A. Gazin. Avt. transp. 40 no. 11 30 N '62.

CRANKS AND CRANKSHAFTS—STANDARDS

Crankshafts. A. G. Shnitser. Standartizatsiia 26 no. 11: 44-46 N '62.

CRANKS AND CRANKSHAFTS—VIBRATION

On the phenomenon of parametric resonance in torsional vibrations of crankshafts M M Zateplakin, Ukr mat. zhur. 14 no. 4 403-407 '62.

CRAWLER TRACTORS

Crawler track with rubber-supported metal joints A. Spirin. Tekh. v sel'khoz 22 no. 10-68-71 O '62.

Devices for regulating the engine temperature of the DT-75 tractor I I Kats, A I Prosikhin Trakt i sel'khozmash 31 [i e 32] no 11 11-13 N '62

Working system of the ChTZ tractor I. I. Kalabanov. Trakt i sel'khozmash *32 no 9,9-11 S '62*

CRAYFISH see subdivision under Pskov Province

CREDIT

From our readers' letters. Den i kred 20 no 10 69-76 O '62

Important factor in the development of local industry. D. Pudikov. Fin. SSSR 23 no 11:30-34 N '62.

Leningrad. Finansovo-ekonomicheskii institut. [Money circulation and credit in the U. S. S. R.; a textbook] Denezhnoe obrashchenie i kredit SSSR; *uchebnoe* posobie. [Leningrad] Izd-vo Leningradskogo univ., 1962 234 p (MH)

Several problems of currency circulation and credit in capitalist countries A. Palaguta. Den. i kred. 20 no. 10 77-87 O '62

Utilization of State Bank loans is an important lever in technical progress. E. Kovenskii. Rech. transp. *21 no. 12,47 D '62.*

CREEP OF METALS

Regularities of the creep kinetics of metals at high temperatures. B. IA. Pines, A. F Sirenko. Fiz tver. tela 4 no. 10;2727-2732 O '62.

CREEP OF NICKEL

Dependence of the mechanism of plastic deformation during creep on deformation conditions in Ni-Al and Ni-Co alloys. V. A. Pavlov, M. G. Gaidukov, V. V. Mel'nikova. *Fiz. met. i metallovod.* 14 no. 2-275-282 Ag '62.

CREEP OF STEEL

Creep analysis of a thin-walled pipe in the zone of a rigid flange I. V. Stasenko. Izv. vys. uchob zav., mashinostr. no. 6 104-112 '62.

CRIME AND CRIMINALS

Criminal responsibility for offenses against life, *health, and rights* of Soviet citizens committed under the pretense of the observance of religious rites. P. Dagel'. Sov. just. no. 22;23-24 N '62.

Criminal violation of agricultural laws and regulations according to the criminal code *of the R. S. F. S. R.* P. Nekipelov. Sov. just. no. 23:19-21 D '62.

The end of his "golden days." G. Romanenko Sov. just no 12-28-29 Je '62

Examination of cases concerning the disorganization of the work of prisons and reformatories G. Chechot Sov just no. 10 22-23 My '62.

Kul'berg, IA. M. [Crimes against the administration of justice] Prestupleniia protiv pravosudiia. Moskva, Gosiurizdat, 1962. 60 p.

Loafers have been tried by the Soviet people Sov. just. no. 11;32 N '62.

"The object of crime according to Soviet criminal law" by B. S. Nikiforov. Reviewed by V. Kudriavtsev. just. no. 22 29-30 N '62.

Pretrial procedure and judicial examination of cases concerning the punishment of loafers G Levitskii Sov. just. no 12;12-14 Je '62.

Some theoretical problems concerning the objective side of crimes [with summary in English]. Ia. A Tsesarskii. Vest. LGU 17 no. 23 80-88 '62.

CRIME PREVENTION

Bykhovskii, I. E. [Criminal offenses must be prevented] Prestuplenie nuzhno predupredit'. Leningrad, Znanie RSFSR, 1962. 58 p.

Important objective of Soviet courts. V. Shkredov and A. Shitapochnikov. Sov. just. no. 10-6-8 21, '62

CRIMEA—ADMINISTRATIVE AND POLITICAL DIVISIONS

Krymskaya oblast'. Ispolnitel'nyi komitet [Administrative and territorial division of the Crimea as of Jan. 1, 1960] Spravochnik administrativno-territorial'nogo delenita Krymskoi oblasti na 15 ianvaria 1960 g. Simferopol' Krymizdat, 1960. 157 p.

[MICROFILM]

CRIMEA—BUILDING STONES

Mechanization of loading and unloading operations in the extraction of wall blocks. V. L. Mukanov, A. V. Starichikov. Mekh. stroi 19 no. 12 10-11 D '62

CRIMEA—CAVES

"How secrets have been discovered". Reviewed by A. Lebedinskii, A. I. Shalimov. Priroda 51 no. 12,118-117 D '62.

CRIMEA—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

[Let the masses hear the message of the party] Slovo partii - v massy, sbornik. Simferopol', Krymizdat, 1962. 44 p.

CRIMEA—CORK TREE

Cork oak plantations on the southern coast of the Crimea. T. F. Stania. Les. khoz 15 no 7;70-72 Jl '62

CRIMEA—FISHING

Gerasimov, D. D. [With a gun and a fishing rod] S ruzh'em i udochkoi. Simferopol', Krymizdat, 1962. 76 p.

CRIMEA—FUNGI, PHYTOPATHOGENIC

Effect of an arid climate on the distribution of powdery and some other groups of fungi [with summary in English]. S. A. Gutsevich. Vest LGU 17 no. 21:5 14 '62

CRIMEA—GRAPES—DISEASES AND PESTS

Deilephila linenta, var. livornica Esp. on grapevines. V. G. Strukov. Zashch. rast. ot vred. i bol 5 no. 8 F '60

CRIMEA—GUIDEBOOKS

Shliaposhnikov, V. I., and I. A. Kirillov. [On highways of the Crimea] Poshkom po Krymu Simferopol', Krymizdat, 1955. 196 p

CRIMEA—HAWKMOTHS

Deilephila linenta, var. livornica Esp. on grapevines. V. G. Strukov. Zashch. rast. ot vred. i bol 5 no. 8 F '60.

CRIMEA—*HEALTH RESORTS*, WATERING PLACES, ETC.

Late results of the hospitalization of children with chronic nonspecific pulmonary diseases in rehabilitation centers of the southern Crimean shore [with summary in English]. M. M. Deeva and others. Pediatriia 41 no. 8 F '62.

Shantyr', S. P. [Miskhor, Koreiz, Gaspra; an essay-guidebook] Miskhor, Koreiz, Gaspra; ocherk-putevoditel'. Simferopol', Krymizdat, 1962. 86 p.

CRIMEA—HUNTING

Gerasimov, D. D. [With a gun and a fishing rod] S *ruzh'em i udochkoi. Simferopol', Krymizdat, 1962.* 76 p.

CRIMEA—*LITERARY SOCIETIES*

With Crimean literary scholars and critics. R Rad. lit. 6 no. 6:150 N-D '62.

CRIMEA—MUSIC

The Crimea needs changes. D. Blagoi. Sov. muz. 26 no 10-60-71 O '62.

Fungi of the genus Phyllosticta gathered in the Crimea [with summary in English]. S. A. Gutsevich. Uch. zap. LGU no 313,58-136 '62

CRIMEA—PLANTS, PROTECTION OF

Communal aid in protecting the green riches V. M. Potchenko Zashch. rast. ot vred. i bol. 7 no 6,55 Je '62

On the experimental demonstration farm of the Crimea. S. A. Kiseliev, A. M. Besplatykh. Zashch. rast. ot vred. i bol. 6 no. 8 1-6 Ag '61.

CRIMEA—RADIO OPERATORS

Our achievements. M. Zozulia. Radio no. 11:15 N '62.

CRIMEA—ROAD CONSTRUCTION

Romanov, M. M. [Marvellous highway, an essay on the Crimean mountain trolley- bus line] Chudesnaia magistal', ocherk o krymskoi gornoi trolleibusnoi linii. Simferopol', Krymizdat, 1962. 110 p

CRIMEA—ROSES

The "Michurinka" aromatic rose. Z. G. Maichenko. Masl.-zhir. prom. 28 no. 11:27 N '62

CRIMEA—SEASIDE RESORTS

Sukhanova, S. N. [Pleasure trips by launch from Alushta to Foros] Morskie progulki; ot Alushty do Forosa - na katere. Simferopol', Krymizdat, 1962. 79 p.

CRIMEA—TRANSPORTATION, AUTOMOTIVE

We prize our workers' honor. Avt. transp. 40 no. 12: 3-4 D '62

CRIMEA—TROLLEY BUSES

Roman, M. M. [Marvellous highway; an essay on the Crimean mountain trolley-bus line] Chudesnaia magistal', ocherk o krymskoi gornoi trolleibusnoi linii. Simferopol', Krymizdat, 1962. 110 p

CRIMEAN MOUNTAINS—CORALS, FOSSIL

Corals on the Yaila. F. Shapovalov, V. Lykholat. Znan. ta pratsia no. 8 30 Ag '62.

CRIMEAN MOUNTAINS—DIABASE

Differentiated diabasic sill in the Crimean Mountains. V. I. Lebedinskii. Izv. AN SSSR, Ser. geol. 27 no. 11: 81-91 N '62.

CRIMEAN MOUNTAINS—SILLS (GEOLOGY)

Differentiated diabasic sill in the Crimean Mountains. V. I. Lebedinskii. Izv. AN SSSR, Ser. geol. 27 no. 11: 81-91 N '62.

CRIMEAN MOUNTAINS—VOLCANOES

Lebedinskii, V. I., and N. N. Makarov. [Volcanism of the Crimean Mountains] Vulkanizm Gornogo Kryma. Kiev, Izd-vo Akad. nauk USSR, 1962. 206 p. [MICROFILM]

CRIMINAL JUSTICE, ADMINISTRATION OF

Important objective of Soviet courts. V. Shirvinskii, A. Shliapochnikov. Sov. iust. no 10:6-8 My '62.

Kul'berg, IA. M. [Crimes against the administration of justice] Prestupleniia protiv pravosudiia. Moskva, Gosiurizdat, 1962. 60 p.

Let us effectively struggle against the perpetrators of criminal offenses. Sov. iust. no. 12, 1-3 Je '62.

Let us uncompromisingly struggle against surviving traces of the past Sov. iust. no 11:1-13 Je '62

Milonov, N. R. [Program of the CPSU and the efforts to ensure the observance of laws and maintenance of public order] Programma KPSS i voprosy dal'neishego ukrepleniia zakonnosti i pravoporiadka; lektsiia, prochitannaia v Vysshei partiinoi shkole pri TsK KPSS Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1962. 64 p. (Partiinoe stroitel'stvo, kurs lektsii)

We should eliminate the surviving traces of the cult of personality in Soviet law (conclusion). Sov. iust. no. 6: 1-7 Ap '62

CRIMINAL LAW

"The object of crime according to Soviet criminal law" by B. S. Nikiforov. Reviewed by V. Kirichenko. Sov. iust. no. 22:20-30 N '62.

"Problems concerning the theory of punishment in Soviet criminal law" by I. S. Noi. Reviewed by M. IAkovlev Sov. iust. no 23 27-28 D '62.

Russia (1917- R. S. F. S. R.) Laws, statutes, etc. [Commentaries on the 1960 criminal code of the R. S. F. S. R.] Kommentarii k Ugolovnomu kodeksu RSFSR 1960 g. [Leningrad] Izd-vo Leningrad. univ., 1962. 450 p.

CRIMINAL PROCEDURE

(see also subdivision under Bulgaria; Uzbekistan)

Kuznetsova, N. F. [Jurisdiction of fellow workers' courts in the examination of criminal cases] Dela o prestupleniiakh, rassmatrivaemykh tovarishcheskimi sudami. [Moskva] Izd-vo Mosk. univ., 1962. 62 p.

The trial of criminal cases and court rulings. G. Min'kovskii. Sov. iust. no. 12:16-20 Je '62

The trial of criminal cases initiated by private persons. V. Savitskii, I. Potoruzha. Sov. iust. no. 10:12-14 My '62.

CRITICAL POINT

On the theory of condensation, the critical point, and the metastable state [with summary in English]. I. M. Dubrovskii. Ukr. fiz. zhur. 7 no. 7 724-732 Jl '62.

CRITICISM, TEXTUAL

Akademiia nauk SSSR. Institut mirovoi literatury. [Principles of textual criticism] Osnovy tekstologii. Pod red. V. S. Nechaevoi. Moskva, Izd-vo Akad. nauk SSSR, 1962. 497 p.

Likhachev, D. S. [Textual criticism, based on materials from Russian literature of the 10th to the 17th centuries] Tekstologiia, na materiale russkoi literatury X - XVII vv Moskva, Izd-vo Akad. nauk SSSR, 1962. 605 p

CROPS AND CLIMATE

Effect of meteorological factors (temperature and precipitation) on the accumulation of protein substances in different varieties of wheat and barley [with summary in English] N. M. Sichkar' Trudy VNIIZ no 38:163-173 '60

Importance of the microclimate in raising cucumbers. Z. I. Bychkova, E. A. Dadyko. Meteor. i gidrol no. 11: 43-45 N '62.

Mishchenko, Z. A. [Daily variations of air temperature and its agroclimatic significance] Sutochnyi khod temperatury vozdukha i ego agroklimaticheskoe znachenie. Leningrad, Gidrometeoizdat, 1962. 109 p.

CROSSES

Cult of the Cross. M. Petrenko. Voiov. ateist no. 7,22-26 Jl '62

CRUSADES

The Fourth Crusade and the Byzantine Empire [in Georgian with summary in Russian]. G. Gozalishvili Trudy Tbil. GU 87:259-281 '60

"Papacy and the Crusades" and "Crusaders and their expeditions to the East in the 11th-13th centuries" by M. A. Zaborov. Reviewed by G. G. Litavrin Vop. ist. no. 12 142-144 D '62.

Problem of relations between the Crusaders and Georgia [in Georgian with summary in Russian] I. Beradze Trudy Tbil. GU 87:283-301 '60.

CRUSHING MACHINERY

Drive of large jaw crushers V. F. Fedorov Mekh. stroi. 19 no 12 13-14 D '62

Mill for grinding soft rock Z. A. Deniakin. Mekh. stroi 19 no 12 23 D '62

CRUSTACEA

Study of crustaceans and arachnids. I. A. Novskii. Biol. v shkole no. 4 42-47 Jl-Ag '62.

CRYOSTAT

Absorption spectra of alcohol-water solutions of neodymium chloride at low temperatures [with summary in English]. I. S. Pominov. Ukr. fiz. zhur. 7 no 7:796-799 Jl '62.

CRYSTAL LATTICES

Absorption of gamma rays in infinite lattice systems B. M. Terent'ev, A. P'itekov, IU. S. Riabukhin Atom. energ 13 no. 6 566-571 D '62

Anisotropy of even effects in crystals with orthorhombic and rhombohedral lattices. N. I. Davidenko. Fiz. tver tela 4 no 12:3396-3402 D '62.

Anisotropy of temperature vibrations of atoms in cementite crystals. A. M. Belikov, A. A. Savinskaia Fiz. met. i metalloved. 14 no. 2:299-301 Ag '62

Calculation of neutron diffusion in periodic lattices. G. IA. Rumiantsev. Atom. energ 13 no. 6:556-562 D '62.

Characteristics of alloys hardening with a low energy of packing defects. V. E. Panin, T. S. Sidorova, M. A. Bol'shanina. Fiz. met. i metalloved. 14 no. 2 238-243 Ag '62.

Effect of gamma radiation on the intensity of a nuclear quadrupole resonance signal [with summary in English]. I. Birlukov. Izv. AN Latv SSR no. 3:59-60 '61

Electric conductivity of metals having vacancies. S. I. Masharov. Fiz. met. i metalloved. 14 no. 2:288-290 Ag '62.

Evaluating the interatomic interaction in iron-chromium alloys at high temperatures. I. IA. Dekhtiar, V. S. Mikhalenkov, R. G. Fedchenko. Sbor. nauch. rab. Inst. metallofiz. AN URSR no. 15:117-122 '62.

Investigating short range order in aluminum-zinc single crystals by the method of diffusive scattering of X rays. A. S. Lashko. Sbor. nauch. rab. Inst. metallofiz AN URSR no. 15:80-86 '62

The long-range order parameter and arrangement of interstitial atoms in Mg-Cd alloys [with summary in English]. P. P. Kuz'menko, H. I. Kal'na. Ukr. fiz. zhur. 7 no. 12:1340-1344 D '62.

On the continuity theory of elastic interaction of atoms in interstitial solid solutions. G. L. Krasko, B. IA. Liubov. Dokl. AN SSSR 147 no. 3:562-565 N '62.

Spin-lattice interaction in crystals containing evolved paramagnetic complexes. L. K. Aminov, B. I. Kochelaev. Fiz. tver. tela 4 no. 11.3273-3276 N '62.

Structure of the energy spectrum of electrons in Th_3P_4 type crystals. G. F. Karavaev, N. V. Kudriavtseva, V. A. Chaldyshev. Fiz. tver. tela 4 no. 12:3471-3481 D '62.

Term splitting in multicomponent disordered crystals A. N. Men', V. E. Naish Fiz. tver. tela 4 no 12 3522-3525 D '62.

Theory of residual electric resistance in binary unordered alloys with periodically changing composition Part 2 I. D. Kolomiets, A. A. Smirnov Fiz. met. i metalloved. 14 no. 2:161-164 Ag '62

CRYSTAL LATTICES—DEFECTS

Crystal lattice defects and the scattering of X rays V. M. Danilenko, L. V. Tikhonov. Sbor. nauch. rab. Inst. metallofiz. AN URSR no. 15:3-78 '62.

Magnitude of the energy of packing defects in lead. L. M. Butkevich, P. A. Kondrat'ov, M. A. Bol'shanina Fiz met. i metalloved. 14 no 5 783-784 N '62.

CRYSTAL OPTICS

Making allowance for surface excitons in the theory of electromagnetic waves in crystals. G. F. Kventsel', S. I. Pekar. Fiz. tver. tela 4 no. 10:2818-2828 O '62

Optical crystallographic method of determining defects in glass. M. V. Okhotin, A. V. Rybchinskaia. Stek. i ker. 19 no. 11,7-10 N '62.

CRYSTALLIZATION

Application of the activation energy concept to the analysis of the mechanism of alloy recovery processes. L. N. Larikov. Sbor. nauch. rab Inst metallofiz AN URSR no. 15:137-141 '62.

Crystallization of $As_2Se_3Ge_y$ glasses studied by the measurement of conductivity [with summary in English]. R. L. Miuller, E. V. Shkol'nikov. Vest. LGU 17 no. 22:119-133 '62.

Distribution of impurities of silver during the purification of thallium by crystallization methods. V. N. Vigdorovich and others. Zhur. prikl. khim. 35 no. 10 2165-2170 O '62.

Effect of molybdenum and tantalum additives on the rate of grain growth in nickel [with summary in English]. L. N. Larikov, O. E. Zasimchuk. Ukr. fiz. zhur. 7 no. 11,1237-1241 N '62.

Effect of pressure on the nucleation of new phase I. L. Aptekar', D. S. Kamenetskaia. Fiz. met i metalloved 14 no. 2:315-318 Ag '62.

Effect of the radioactive radiation of the solid phase on the kinetics of potassium sulfate recrystallization. Vikt. I. Spitsyn, V. V. Gromov. Dokl. AN SSSR 147 no. 3:663-666 N '62.

Investigating the temperature and concentration dependence of the effect of chromium and molybdenum on the growth rate of recrystallization centers in nickel. E. E. Zasimchuk, L. N. Larikov. Sbor. nauch. rab. Inst. metallofiz AN URSR no. 15 147-151 '62.

Obtaining filiform crystals of chromium. B. M. Vasiutinskii, G. N. Kartmazov, V. A. Finkel'. Fiz met. i metalloved. 14 no. 5:702-703 N '62

Recrystallization of silicon carbide in refractory products during high-temperature firing in a reducing atmosphere. I. S. Kainarskii, E. V. Degtiareva, V. A. Kukhtenko. Sbor. nauch. trud. UNIIO no. 5:92-107 '61.

CRYSTALLOGRAPHY

Circular optical axes in absorbing crystals A. P. Khapalyuk. Kristallografiia 7 no. 5:724-729 S-O '62.

Considerations on the structures of arsenic and lead sulfides. M. Th. Le Bihan. Zhur. strukt. khim. 3 no. 6:718-720 '62.

Faraday effect in a high magnetic field in crystals near the fundamental absorption edge. L. I. Korovin I. V. Kharitonov. Fiz. tver. tela 4 no. 10:2813-2817 O '62

Formula of gagarinite. IU. A. Pliatenko, A. A. Voronkov. Zhur. strukt. khim. 3 no. 6 720-721 '62.

On two large groups of structural types corresponding to the formula AX_2. I. L. Smirnova, N. V. Belov Kristallografiia 7 no 5,671-679 S-O '62.

Shubnikov groups (of antisymmetry) for infinite bilateral bands. N. V. Belov, T. S. Kuntsevich, N. N. Neronova Kristallografiia 7 no 5 805-808 S-O '62.

Spectroscopic criterion of aluminum coordination in anion framework. V. A. Kolesova Izv. AN SSSR. Otd. khim. nauk no. 11:2082-2084 N '62.

Structure of the type Th_3P_4 described as a pack of polyhedra. P. I. Kripiakevich. Kristallografiia 7 no. 5.686-689 S-O '62

Structure of uranyl and its analogs. M. E. Diatkina, IU. N. Mikhailov. Zhur. strukt. khim. 3 no. 6:724-747 '62.

Varieties of the cube in crystallography I. I. Shafranovskii Kristallografiia 7 no. 5,664-670 S-O '62

Volumes of the elementary cells of beryllides as a function of the atomic volumes of the components. N. N. Matiushenko. Kristallografiia 7 no. 5 701-703 S-O '62.

CRYSTALLOGRAPHY—BIBLIOGRAPHY see Bibliography—Crystallography

CRYSTALLOGRAPHY, MATHEMATICAL

Acoustic axes in crystals. A. G. Khatkevich. Kristallografiia 7 no. 5 742-747 S-O '62.

Some remarks on the statistical analysis of intensities in the case when a noncentrosymmetrical (acentric) cell contains a heavy atom V. V. Ilukhin. Kristallografiia 7 no 5 680-685 S-O '62.

Theoretical bases of the experimental determination of the electrooptical constants of crystals V. A. Shamburov. Kristallografiia 7 no. 5:730-734 S-O '62

CRYSTALS

Crystallization formations in thick films of polymethyl methacrylate [with summary in English]. O N Trapeznikova, L.B Shigaeva Vest LGU 17 no 22 56-62 '62.

Effect of the intensity of mixing on the dimensions of crystals formed during decomposition of sodium fluorosilicate by sodium carbonate solutions G. A. Lopatkina, G.V Bopachov, N S Volefko Zhur prikl khim. 35 no.10 2180-2184 O '62.

On supplementary boundary conditions in the theory of additional electromagnetic waves in crystals [with summary in English] S.I Pekar, V.I Suhalov. Ukr. fiz.zhur. 7 no 11 1191-1194 N '62.

Reflection of elastic shear waves from the interface of two anisotropic media K S Aleksandrov Kristallografiia 7 no.5 735-741 S-O '62

Theory of radiationless transitions in crystals in a "non-Condon approximation" High temperatures V A Kovarskii, E P Sinitsyn Fiz tver tela 4 no 11 3202-3207 N '62

CRYSTALS—DEFECTS

Defects in quartz due to radiation I V Kolontsova, I.V.Telegina. Dokl AN SSSR 147 no.3 592-593 N '62

Determining the activation energy of the different levels of impurity centers and structural defects in semiconductors. N.A. Vitovskii, T V Mashovets, S.M Ryvkin. Fiz tver tela 4 no 10 2849-2853 O '62

On the theory of annihilation of radiation defects in semiconductors. A.V. Spitsyn, L S Smirnov Fiz.tver tela 4 no.12 3455-3460 D '62.

On the theory of dielectric loss at ultrahigh frequencies in crystals with a nonideal lattice V S Vinogradov Fiz tver tela 4 no 11 3318-3349 N '62

Role of defects in the exciton luminescence of molecular crystals. IU.V. Konobeev Fiz.tver tela 4 no 12: 3634-3639 D '62

CRYSTALS—GROWTH

Capture of nonisomorphous impurities by crystals growing from the melt. A.N. Kirgintsev, F.G Avvakumov Fiz.tver. tela 4 no.12 3427-3434 D '62

Determining the preferred direction of the growth of single crystals and single-crystal blocks produced by the zone melting method, and the detection of dislocations in them A.P. Izergin, V.A Selivanova Izv vys. ucheb. zav. ;fiz no. 5:96-99 '62

Effect of certain factors on the growth of tin whisker crystals V.K Glazunova Kristallografiia 7 no. 5 761-763 S-O '62

The growing of crystals and the kinetics of their formation E. M. Beliaev, A V Chernov Kristallografiia 7 no 5 659-663 S-O '62

Shape of p-n junctions in semiconductor single crystals grown from compensated melts by oriented crystallization. M. G Mil'vidskii. Fiz.tver tela 4 no 10:2791-2794 O '62

CRYSTALS—MAGNETIC PROPERTIES

Double magnetic resonance in crystals B N Provotorov Fiz.tver. tela 4 no 10:2940-2945 O '62

Slow neutron scattering on composite magnetic structures S. V. Maleev, V.G. Baryakhtar, R A. Suris. Fiz tver tela 4 no. 12:3461-3470 D '62.

CRYSTALS—MODELS

Application of the statistical theory to a finite ionic crystal. Part 1. Description of the statistical model of an ionic crystal and determination of the bonding energy (with numerical calculation for RbBr) A A. Medvinskii. Izv. vys. ucheb. zav. ;fiz no. 5 140-149 '62

CRYSTALS—SPECTRA

Vibration spectra of mixed crystals in the system Li_2SiO_3 - Li_2GeO_3. A.N. Lazarev, T.F. Tenisheva, Opt. i spektr. 13 no.5:709-713 N '62.

CRYSTALS, ELECTRON STATE see Excitons

CTENOPHARYNGODON see subdivision under Volga Delta

CTENOTAENIA

Discovery of Ctenotaenia marmotae(Fröhlich, 1802) in marmots of the U S S R. A. A. Spasskii, N. M Shalaeva. Trudy Gel'm. lab. 11:286-292 '61.

CUBA—ALLIGATORS

On courageous hunters, tight lassos, and the bloodthirsty population of the swamps. O. J. Cardoso. Vokrug sveta no. 10,59-60 O '62.

CUBA—DESCRIPTION AND TRAVEL

Granin, Daniil. [Island of the young; stories about Cuba] Ostrov molodykh; rasskazy o Kube. [Leningrad] Lenizdat, 1962. 100 p.

CUBA—FINANCE

Finances of free Cuba. N. Obolenskii. Fin. SSSR 23 no. 11:41-49 N '62.

CUBA—FOREIGN RELATIONS

Khrushchev, N. S. [Present-day international situation and the foreign policy of the Soviet Union] Sovremennoe mozhdunarodnoe polozhenie i vneshniaia politika Sovetskogo Soiuza, doklad na sessii Verkhovnogo Soveta SSSR 12 dekabria 1962 goda. Moskva, Gospolitizdat, 1962. 63 p.

Let this black shadow be dispelled! [Urii Zhanatskyi. Ukraina no 24 4 D '62

A triumph of the Leninist policy of peaceful coexistence Kommunist 39 no 18 12-19 D '62

CUBA—FOREIGN RELATIONS—UNITED STATES

"The Cuba story" [in English] by Herbert L. Matthews Reviewed by V Polikov Mezhdunar zhizn' 10 no 1:151-157 Ja '63.

CUBA—HISTORY

"Cuba, historical and ethnographical studies" Reviewed by L S Dabagian Vop ist. no 12,136-138 D '62

Varela, Alfredo [Revolutionary Cuba. Translated from the Spanish] Kuba revoliutsionnaia Moskva, Sotsekgiz, 1962 310 p. (DS)

CUBA—MUSIC

Music on the island of freedom. G.E. Sov. muz. 26 no. 11 118-122 N '62.

CUBA—POLITICS AND GOVERNMENT

"The Cuba story" [in English] by Herbert L. Matthews. Reviewed by V. Polikov. Mezhdunar. zhizn' 10 no 1 151-157 Ja '63.

Twelve grapes. Lmilia Kolobkova. Ukraina no. 24:16 D '62

CUBA—PUBLIC HEALTH

Public health problems in socialist Cuba. V.S. Grazhul'. Zdrav. Ros. Feder. 6 no. 11:27-31 N '62.

CUBA—RELATIONS (GENERAL) WITH RUSSIA

Everlasting friendship. Mol. mira no. 5/6:14-15 '62.

CUBAN PERIODICALS

"Cuba socialista," a theoretical publication of the Cuban revolution. IA.G. Mashgits. Vop. ist. no. 11:184-190 N '62.

CUCUMBER BREEDING

Effect of selection on the increase of the quantity of cucumber plants with the female type of flowers [with summary in English] A A Zal'kain Trudy po prikl. bot., gen i sel. 31 no 2 72-74 '61.

CUCUMBERS

(see also subdivision under Soviet Central Asia)

Importance of the microclimate in raising cucumbers. Z. I. Bychkova, E. A. Dadyko. Meteor. i gidrol. no. 11: 43-45 N '62

New cucumber hybride for canning. V. M Lisitsyn Kons i ov prom 17 no 12 25-26 D '62

Quality of cucumber seeds as related to the location of the fruit on the plant [with summary in English]. K. I Tsytovich. Trudy po prikl bot., gen. i sel 34 no 2: 131-137 '61

CUCUMBERS—DISEASE AND PEST RESISTANCE

Cucumber varieties resistant to the powdery mildew Erysiphe cichoracearum Fr. [with summary in English] E T. Meshcheriov Trudy po prikl bot., gen. i sel 34 no 2,103-108 '61

CUCUMBERS—DISEASES AND PESTS

(see also subdivision under Armenia, Volgograd Province)

Biology of the pathogen of cucumber bacteriosis and the elaboration of methods for its control. L. N. Bushkova. Bot. zhur. 47 no.10:1472-1481 O '62.

CULTIVATORS

Parameters of the working parts of a cultivator for operation at increased speeds. V S. Revuka. Visnyk sil'hosp. nauky 5 no. 11:17-24 N '62.

CULTURE

Brovchenkov, A. E. [The West: claims and reality] Zapad; reklama i deistvitel'nost'. Moskva, Gospolitizdat, 1962. 221 p.

CULVERTS

Andreev, N. P., A. I. Dubrovskii and I. S. Fainshtein. [Handbook on the construction of engineering structures] Spravochnik po postroike iskusstvennykh sooruzhenii. Izd. 2., dop. i perer. Moskva, Transzheldorizdat, 1962. 511 p.

Russia (1917- [illegible]

[illegible] in accordance with the price scale introduced on 1-1-1961] Sbornik norm vremeni i rastsenok na dorozhnye raboty. Rastsenki pereschitany iskhodia iz masshtaba tsen, vvedennogo s 1/1 1961 g. Moskva, Avtotransizdat.

Pt. 2. [Construction and repair of highway bridges and conduits] Stroitel'stvo i remont avtodorozhnykh mostov i trub. 1962. 463 p.

Some problems of the manufacture of [illegible] A F Zhukov Transp stroi 12 no [illegible]

CUPOLA FURNACES

Kuznetsov, S. P. [Aid to an iron melter] [illegible] plavil'shchiku chuguna. [Chelliabinsk] [illegible] knizhnoe izd-vo, 1962. 133 p.

Use of natural gas in large cupolas. [illegible] and others. Lit. proizv. no. 11 [illegible]

CURRANTS—DISEASE AND PEST RESISTANCE

subdivision under Poltava Province

CURRENTS (GYDROLOGY) see subdivision [illegible] Lake

CURVES

Curvature of stress-rupture strength [illegible] shin and others. Fiz. met. i metallov. [illegible] 251 Ag '62.

Detailed classification of finite [illegible] curves on a Lobachevskii plane with [illegible] directorial invariants. S. I. [illegible] Izv. vys. ucheb. zav. ;mat. no. 5,85-90 '62.

CURVES ON SURFACES

Variant exposition of the theory on the [illegible] surface S. A. Alhorov. Dokl AN [illegible]

CUSTOMS ADMINISTRATION see subdivision [illegible] Communist Countries

CUTTING MACHINES

Automatic cutting machine. N. I. [illegible] struktsii no. 11:10 N '62.

Cutting blade. L. Grigovich. Sel' mekh. [illegible]

CUTWORMS—EXTERMINATION see subdivision [illegible] Kazakhstan; Orenburg Province

CYANINE DYES

Thiazolocyanines. Part II Synthesis of [illegible] from derivatives of thiazole with ketone [illegible] as substitutes I. D Sych, I. D [illegible] Ukr. khim. zhur. 28 no 9 1087-1093 [illegible]

CYANOCOBALAMINE

Chicken growth stimulant "Biovite [illegible] min B_{12} and biomycin [in Latvian with English and Russian] R. Andruskaite [illegible] SSR no 1,91-96 '61

Enrichment of dairy products with vitamin [illegible] of Propionibacterium [with summary] [illegible] Kruglova. Izv. TSKHA no. 1,201-214 [illegible]

CYBERNETICS

Automation in live nature and [illegible] viewpoint of cybernetics [with summary] [illegible] V.G. Nesterov. Izv. TSKHA no. 1 [illegible]

A conference on philosophical problems [illegible] B.V. Birkukov. Vop. filos. 16 no. 11 [illegible]

Decisions of the "Theoretical Conference [illegible] ophy of Cybernetics Study Group" [illegible] 2, 1962. Vop. filos. 16 no. 11 [illegible]

The "kibernetika" becomes materialistic [illegible] Tekh. 7 no. 11 66-68 N '62

The 1962 conference of the Moscow [illegible] sical Institute. Atom energ. [illegible]

The role of cybernetics in programming [illegible] law schools [with summary in English] [illegible] Vest. LGU 17 no. 23:116-118 '62.

CYBERNETICS—PERIODICALS

"La cybernetique," a French periodical. [illegible] Vop. filos. 16 no. 11:180-182 '62.

CYCLIZATION

Heterochain polyamides. Part III. [illegible] capacity on monomers on the [illegible] tion process [with summary in English] T. M. Frinze, E. A Krasnianskaia [illegible] 4 no. 12:1761-1769 D '62.

CYCLOALKANONES

Interaction of cyclones with [illegible] B. A. Arbuzov, L. A. Shapshinskaia, [illegible] Izv. AN SSSR. Otd. khim. nauk no. 11 [illegible]

CYCLOHEXADIENONE

Sterically hindered phenols. Report [illegible] cyclohexadienones in the bromination [illegible] phenols. A. A. Volod'kin, V. V. [illegible] Otd. khim. nauk no. 11:2022-2026 [illegible]

CYCLOHEXANE

New data on the molecular compounds [illegible] ditertiary glycols of the 1, 1-di-(w-hydroxy [illegible] cyclohexane series. A. I. Lilina [illegible] Izv. AN SSSR. Otd. khim. nauk no. 11:[illegible]

CYCLOHEXANOL

Interaction of ions and molecules of [illegible] cyclohexanol. V. I. Dulova, A. A. Kiar, [illegible] Izv. vys. uch. zav. ;khim. i khim. tekh. [illegible] '62.

Polarographic determination of 2-cyclohexen-1-one in cyclohexanone and cyclohexanol [with [illegible] lish]. T. S. Ivchor, E. M. Peresleshkina, [illegible] man. Zhur. anal. khim. 17 no. 8:1005-[illegible]

CYCLOHEXANONE

Polarographic determination of 2-cyclohexen-1-one in cyclohexanone and cyclohexanol [with summary in English]. T. S. Ivchet, I. M. Perepletchikova, L. N. Zil'berman. Zhur. anal. khim. 17 no. 8 1005-1008 N '62

CYCLOHEXENE

Adsorption of methylcyclohexene from solutions at elevated temperatures. I. V. Smirnova and others. Dokl. AN SSSR 147 no. 3:660-662 N '62.

Polymerization of cyclohexylacetylene [with summary in English]. M. I. Pugina, P. S. Shantarovich. Vysokom. soed. 4 no. 12:1781-1790 D '62

CYCLOHEXENONE

Polarographic determination of 2-cyclohexen-1-one in cyclohexanone and cyclohexanol [with summary in English]. T. S. Ivchet, I. M. Perepletchikova, L. N. Zil'berman. Zhur. anal. khim. 17 no. 8:1005-1008 N '62

CYCLOPENTADIENE

New method for the depolymerization of dicyclopentadiene. M. Kovach, B. Rashkal. Khim. prom. no. 10:712-711 O '62.

Reaction of polymers of cyclopentadiene with vegetable oils. A. V. Chernobai. Zhur. prikl. khim. 35 no. 10:2316-2347 O '62.

Some features of equilibrium transformations of substituted cyclopentadienes. V. A. Mironov, I. V. Soholev, A. N. Il'inova. Izv. AN SSSR, Otd. khim. nauk no. 11:2077-2078 N '62.

CYCLOSERINE

Cycloserine therapy of urogenital tuberculosis. T. P. Mochalova and others. Probl. tub. no. 7:67-71 '62.

CYCLOTRON

Changes in the charge of various ions due to their interaction with the residual gas. V. S. Nikolaev and others. Izv. AN SSSR. ser. fiz. 26 no. 11:1430-1431 N '62.

CYCLOTRON RESONANCE

Quantum theory of cyclotron resonance in a degenerated valence band. G. A. Baramidze, G. L. Gurgenishvili, G. R. Khutsishvili. Fiz. tver. tela 4 no. 10:2958-2963 O '62.

Spin structure of hole levels in the degenerate band and cyclotron resonance saturation. G. R. Kutaishvili. Fiz. tver. tela 4 no. 10:2708-2713 O '62.

CYLINDERS—VIBRATION

Direction of natural vibrations of cantilever cylinders in a flow. A. F. Dol'nikov. Sbor. trud. Lab. gidr. mash. AN UkrSSR no. 10:160-163 '62

CYPRUS—COMMERCE—RUSSIA

Final anniversary of a trade agreement. Iu. Balod, Iu. Kochenovskii. Vnesh. torg. 42 no. 12:19-20 '62.

CYPSUM CRYSTALS see subdivision under Tarutino District

CYSTS

Significance of congenital bronchopulmonary cysts in the development and course of chronic pneumonia in children. S. Iu. Kaganov, I. V. Makarov, V. M. Pedanova. Pediatriia 41 no. 9:77-81 S '62.

CYTODIAGNOSIS see Diagnosis, Cytologic

CYTOLOGY

Problems of space microbiology and cytology [with summary in English]. N. N. Zhukov-Verezhnikov and others. Probl. kosm. biol. 1:113-116 '62.

CYTOTOXIC DRUGS

Drugs against cancer. Nauka i zhizn' 28 no. 10:59 O '62.

How cancer cells perish. . . S. G. Komm. Nauka i zhizn' 29 no. 10:58-59 O '62

CZECHOSLOVAKIA—COMMUNIST PARTY

New books. Part. zhizn' no. 23:76-77 D '62.

Prague. Ustav dejin Kommunisticke strany Ceskoslovenska. [History of the Communist Party of Czechoslovakia. Translated from the Czech] Istoriia Kommunisticheskoi partii Chekhoslovakii. Moskva, Gospolitizdat, 1962. 822 p.

CZECHOSLOVAKIA—ECONOMIC POLICY

The example of Czechoslovakia. Nov. vrem. 38 no. 51:1-2 D '62.

CZECHOSLOVAKIA—FOREIGN ECONOMIC RELATIONS

Development of Soviet-Czechoslovak economic relations. N. Pasenkov. Vnesh. torg. 42 no. 12:10-19 '62.

CZECHOSLOVAKIA—FOREIGN ECONOMIC RELATIONS—UNDERDEVELOPED AREAS

Czechoslovakia; vital foreign trade problems. J. Kohout, R. Wagner. Mezhdunar. zhizn' 10 no. 1:89-92 Ja '63.

CZECHOSLOVAKIA—FOREIGN RELATIONS—RUSSIA

Shishkin, V. A. [Czechoslovak-Soviet relations during the years 1918-1925] Chekhoslovatsko-sovetskie otnosheniia v 1918-1925 godakh. Moskva, IMO, 1962. 285 p.

CZECHOSLOVAKIA—GEOMORPHOLOGY—MAPS

Geomorphological mapping in Czechoslovakia. J. Demek. Izv. AN SSSR, Ser. geog. no. 6:114-116 N-D '62.

CZECHOSLOVAKIA—ICE SHOWS

Warm welcome from the skating rink. Miroslav Basta. Ukraina no. 20:22-23 O '62.

CZECHOSLOVAKIA—INCENTIVES IN INDUSTRY

Technological progress and wages in Czechoslovak industries. V. Razha. Biul. nauch. informa. i trud. i zar. plata 5 no. 11:52-56 '62

CZECHOSLOVAKIA—LAW

Czechoslovak Republic. Laws, statutes, etc. [Czechoslovak Socialist Republic, constitution and legislative enactments] Chekhoslovatskaia Sotsialisticheskaia Respublika, konstitutsiia i zakonodatel'nye akty. Moskva, Izd-vo In-ta mezhdunarodnykh otnoshenii, 1962. 403 p.

CZECHOSLOVAKIA—PINE BREEDING

Pine breeding and seed production in Czechoslovakia. Karel Kanak. Les. khoz. 15 no. 10:81-85 O '62

CZECHOSLOVAKIA—PLASTICS—STANDARDS

Standard for dimension allowances of plastic parts in Czechoslovakia. V. A. Braginskii. Standartizatsiia 26 no. 12:56-59 D '62.

CZECHOSLOVAKIA—POLITICS AND GOVERNMENT

The example of Chechoslovakia. Nov. vrem. 20 no. 51:1-2 D '62

CZECHOSLOVAKIA—PUPPETS AND PUPPET PLAYS

Puppet theaters in the kindergartens of Czechoslovakia. T. Karamanenko. Doshk. vosp. 35 no. 12:112-115 D '62.

CZECHOSLOVAKIA—RELATIONS (GENERAL) WITH WITH RUSSIA

Zdenek Nejedly on White Russia. A. Mazheika. Belarus' 10 no. 12:25 D '62.

CZECHOSLOVAKIA—SEED PRODUCTION

Pine breeding and seed production in Czechoslovakia. Karel Kanak. Les. khoz. 15 no. 10:81-85 O '62

CZECHOSLOVAKIA—SOCIAL CONDITIONS

Laponogov, I. S. [In socialist Czechoslovakia] V Chekhoslovakii sotsialisticheskoi. Moskva, Gospolitizdat, 1962. 94 p.

CZECHOSLOVAKIA—TECHNOLOGICAL INNOVATIONS

Technological progress and wages in Czechoslovak industries. V. Razha. Biul. nauch. informatrud i zar. plata 5 no. 11:52-56 '62.

CZECHOSLOVAKIA—THEATER

"Unfinished struggle, the theater during the socialist revolution" by Jan Kopecky. Reviewed by V. Savitskii. Teatr 23 no. 11:140-142 N '62.

CZECHOSLOVAKIA—UKRAINIAN LITERATURE

[A swallow from Presov Province; folk and literary creations of the Ukrainians in Czechoslovakia] Lastivka z Priashivshchyny; z narodnoi ta literaturnoi tvorchosti ukrainsiv Chekhoslovachchyny. Kyiv, Radians'kyi pys'mennyk, 1960. 254 p. (CaOTU) (CaAEU)

CZECHOSLOVAKIA—WOODPULP INDUSTRY

Woodpulp production from small timber. J. Fellegyi and others. Bum. prom. 37 no. 11:13-15 N '62.

DDT (INSECTICIDE)

Determination of DDT analogues (perthane and methoxychlor) in food products [with summary in English]. M. A. Tretsenko, I. N. Shul'ga. Vop. pit. 21 no. 4:52-55 Jl-Ag '62.

Determination of microquantities of DDT in biological material on the basis of Schechter and Haller's method with supplementary chromatographic identification [with summary in English]. F. P. Vainshtub. Vop. pit. 21 no. 4:55-60 Jl-Ag '62.

Restrictions in the use of DDT. Zashch. rast. ot vred. i bol. 6 no. 8:41 Ag '61.

Seasonal changes in the sensitivity to DDT in some species of synanthropic flies of Samarkand [with summary in English]. V. I. Sychevskaia. Zool. zhur. 41 no. 10:1509-1515 O '62.

Treatment of cattle with DDT and hexachlorocyclohexane as a measure of a simultaneous control of blood-sucking Diptera, ixodid ticks, and warble flies of cattle. A. S. Lutta. Trudy Kar. fil. AN SSSR no. 14:124-137 '59.

DDT (INSECTICIDE)—TOXICOLOGY

Early manifestations of intoxications with sulfonate ester alone and in combination with DDT [with summary in English]. Iu. A. Moreinis. Vop. pit. 21 no. 4:63-66 Jl-Ag '62.

DAGHESTAN—ASPHALTENES

Connection between the character of asphaltenes and the chemical composition of oils in Tertiary and Mesozoic sediments of Daghestan. V. D. Patrusheva. Trudy Geol. inst. Dag. fil. AN SSSR. 2 111-117 '60.

DAGHESTAN—BITUMEN—GEOLOGY

Qualitative and quantitative characteristics of bitumens in Bathonian and Bajocian sediments of Daghestan. G. I. Timofeev, K. S. Magatacv. Trudy Geol. inst. Dag. fil. AN SSSR 2 105-110 '60

DAGHESTAN—CONGLOMERATE

First find of conglomerates containing pebbles of Pre-Jurassic igneous and metamorphic rocks in the Bajocian of southeastern Daghestan. G. N. Brovkov, T. A. Moskalenko. Trudy Geol. inst. Dag. fil. AN SSSR 2 165-168 '60

DAGHESTAN—ECOLOGY

Bionomic conditions in the basins of Daghestan in the Lower Cretaceous epoch. K. G. Samyshkina. Trudy Geol. inst. Dag. fil. AN SSSR 2 169-175 '60

DAGHESTAN—FORAMINIFERA, FOSSIL

Foraminifera and some new data on the stratigraphy of the Middle Jurassic of Daghestan as revealed by the Tsmur cross section (Rychal-vats and Tsmur-chay Valleys). T. A. Moskalenko. Trudy Geol. inst. Dag. fil. AN SSSR 2 151-161 '60

New species of Vaginulina and Cristellaria in Lower Cretaceous sediments of Daghestan. K. G. Samyshkina. Trudy Geol. inst. Dag. fil. AN SSSR 2 137-153 '60

Vertical range of foraminifers in Lower Cretaceous sediments of Daghestan. K. G. Samyshkina. Trudy Geol. inst. Dag. fil. AN SSSR 2 162-164 '60

DAGHESTAN—GAS, NATURAL—GEOLOGY

Oil and gas potentials of Upper Cretaceous and foraminiferous sediments in Daghestan. S. E. Mussaev. Trudy Geol. inst. Dag. fil. AN SSSR 2 39-56 '60

Prospects for finding oil and gas in Mesozoic sediments of Daghestan. S. F. Mussaev. Trudy Geol. inst. Dag. fil. AN SSSR 2 25-38 '60

DAGHESTAN—GEOCHEMISTRY

Geochemical conditions governing the formation of Middle Jurassic sediments in Daghestan. V. D. Patrusheva. Trudy Geol. inst. Dag. fil. AN SSSR 2 98-104 '60

DAGHESTAN—GEOLOGY, STRATIGRAPHIC

Facies and paleogeographic factors in the accumulation of Lower Aalen sediments in southeastern Daghestan. G. N. Brovkov. Trudy Geol. inst. Dag. fil. AN SSSR 2 10-24 '60

DAGHESTAN—JOINTS (GEOLOGY)

Jointing of Upper Jurassic carbonate sediments of Daghestan. G. R. Komardinkina, G. A. Urin. Razved. i okh. nedr. 28 no. 11:14-19 N '62.

DAGHESTAN—LIMESTONE

Chemical characteristics of Upper Miocene limestones of Daghestan. G. K. Kerimov. Trudy Geol. inst. Dag. fil. AN SSSR 2 294-303 '60

Qualitative characteristics of Upper Miocene building limestones. G. K. Kerimov. Trudy Geol. inst. Dag. fil. AN SSSR 2, 267-278 '60

DAGHESTAN—MINERAL WATERS—RADIOACTIVE PROPERTIES

Radioactivity of mineral waters in some springs of southern Daghestan. A. A. Babaev. Trudy Geol. inst. Dag. fil. AN SSSR 2 256-259 '60

DAGHESTAN—OIL FIELD BRINES

Oil and gas field waters in Daghestan and their practical utilization. V. V. Getsen. Trudy Geol. inst. Dag. fil. AN SSSR. 2-57-80 '60

DAGHESTAN—OIL SANDS—PERMEABILITY

Stylolites in limestones as paths of oil migration. A. G. Mileshina, N. P. Moskalev. Geol. nefti i gaza 6 no. 12:51-53 D '62.

DAGHESTAN—ORE DEPOSITS

Some characteristics of the distribution of mineralization in complex metal veins of g[illegible] Bunin, V. A. Likhachev [illegible] SSSR. 2 213-22[illegible]

DAGHEF

Hal-

DAGHESTAN -- PETROLEUM GEOLOGY (Continued)

Prospects for finding oil and gas in Mesozoic sediments of Daghestan S E Mussaev Trudy Geol inst Dag fil AN SSSR, 2 25-36 '60

DAGHESTAN—PROSPECTING

Development of geological prospecting on the plains of northern Daghestan K S Magataev, S E. Mussaev, D A Mirzoev Trudy Geol inst Dag. fil AN SSSR 2 88-97 '60

DAGHESTAN—ROCKS, CARBONATE

Utilization of Mesozoic carbonate rocks of Daghestan in the production of binding materials G K Kerimov Trudy Geol inst Dag fil AN SSSR 2 279-293 '60

DAGHESTAN—ROCKS, SEDIMENTARY

Facies factors in the formation of Cretaceous sediments in Daghestan A G Aliev, T.G Zhgenti Trudy Geol inst Dag fil AN SSSR 2 3-9 '60

DAGHESTAN—ROCKS, SEDIMENTARY—ANALYSIS

Nitrogen and the ratio of carbon to nitrogen in Bathonian and Bajocian sediments of Daghestan and their importance in the delineation of oil producing series G. I Timofeev, K. S. Magataev Trudy geol inst Dag fil AN SSSR 2 118-127 '60

DAGHESTAN—STATE FARMS

The farmstead of the "Kizlliarskii" State Farm is becoming a garden city I Nakhaeva Sel'. stroi 16 no 2 22-23 F '62

DAGHESTAN—TOMATOES—DISEASES AND PESTS

Treating tomato seeds before sowing. E. K. Pogosov. Zashch rast. ot vred. i bol. 7 no. 4 57 Ap '62.

DAGHESTAN—WORMS, INTESTINAL AND PARASITIC

Helminths of the turtle Cryptodira in southern Daghestan. G. S. Markov. Uch. zap. Volg. gos. ped. inst. no. 13 121-133 '61.

DAIRY BACTERIOLOGY

Bogdanov, V. M. [Microbiology of milk and milk products] Mikrobiologiia moloka i molochnykh produktov. 1 izd., perer. i dop. Moskva, Pishchepromizdat, 1962. 307 p.

DAIRY BARNS

(see also subdivision under Ukraine)

Carousel-type conveyor system and its advantages. I. Peslenko, V. Kitasheva. Ekon. sel'khoz. 33 no. 11 87-90 N '62.

DAIRY BARNS—EQUIPMENT AND SUPPLIES

Hydraulic removal of manure from cow barns. M. Galashev, E Pikus. Tekh v sel'khoz. 22 no 10:26-30 O '62.

DAIRY BARNS—HEATING AND VENTILATION

A hot air curtain at the entrance of a cow barn N. Balyberdin, M. Beketov. Tekh. v sel'khoz. 22 no. 10:33-35 O '62.

DAIRY CATTLE

(see also subdivision under Armenia)

Effect of the season of calving on the milk yields of cows. A. IA. Popov. Nauch trudy Zootekh. fak. Khar. zoovet. inst. 11:58-72 '62.

DAIRY CATTLE—FEEDING AND FEEDS

Effect of the structure of rations on the quality of milk of Simmenthal, Black-and-White, and hybrid cows. M. P Antipina. Nauch trudy Zootekh. fak Khar. zoovet. inst. 11 129-134 '62

Improving the quality of milk by high-grade feeds to cows. M I. Kniga. Nauch. trudy Zootekh. fak. Khar. zoovet. inst. 11 119-128 '62.

DAIRY CATTLE BREEDING

(see also subdivision under Kharkov Province)

"Increasing the butterfat percentage in cows," a useful *motion picture*" A I Chizhov Zhivotnovodstvo 24 no 9.92 S '62.

DAIRY PRODUCTS

Enrichment of dairy products with vitamin B_{12} by means of Propionibacterium [with summary in English]. L. A. Kruglova. Izv. TSKHA no. 4,208-213 '62.

DAIRY PRODUCTS—ANALYSIS AND EXAMINATION

Ilkhov, G. S. [Biochemistry of milk and milk products] Biokhimiia moloka i molochnykh produktov. 2. izd. Moskva, Pishchepromizdat, 1962. 287 p.

DAIRY WORKERS—DISEASES AND HYGIENE *see subdivision* under Bukovina

DAIRYING

Milk conveyor in action I. El'shanskii Nauka i zhizn' 29 no. 10 28-29 O '62

DAMPING (MECHANICS)

Damping of torque vibrations in diesel engines for locomotives with cast iron *crankshafts*. R. M. Sukhamtinov Trudy KHIIT no 46 30-42 '61

Selecting a type of rubber for metal-rubber dampers in sintering plant mixer *drums*. V. I. Striuk, D. P. Fritykin. Trudy Inst. chern. met. AN URSR 16:165-170 '62.

Skobtsov, E. A., A. D. Izotov, and L. V. Tuzov. [Methods for reducing the vibration and noise of diesel engines] Metody snizhenila vibratsii i shuma dizelei. Moskva, Mashgiz, 1962 191 p.

DAMPNESS IN BUILDINGS

Effect of moisture on exterior walls. S. Permiakov, I. Telegina. Stroi. i arkhit. Mosk. 11 no. 11:15-17 N '62.

DAMS

M[illegible] V[illegible] i[illegible] [illegible]skii institut [illegible] [illegible] [illegible]

DELIVERY OF GOODS (LAW)

From the practice of arbitration agencies. Sov. fust. no 10-27-30 My '62

DELUSIONS see Hallucinations and Illusions

DENSITOMETERS

Density of H_2 - D_2 liquid solutions [with summary in English]. V.N.Grigor'ev, N.S.Rudenko. Ukr.fiz. zhur. 7 no.7:737-739 Jl '62

New method of logarithmic conversion in densitometers with direct reading. IU P Selivanov, E.S Karpenko, E V. Mikulin Zhur nauch i prikl fot i kin 7 no 6 447-453 N-D '62

Simple densitometer for paper electrophoresis [with summary in English]. A.A.Strokalov. Biul.eksp. biol.i med. 54 no.11:118-121 N '62.

DENTAL CLINICS see subdivision under United States

DENTAL INSTRUMENTS AND APPARATUS

Construction of hard-alloy dental drills and the technology of their preparation. V.G.Shakhmatov. Med. prom. 16 no.6:20-24 Je '62.

Diamond-tipped instruments in stomatology. V.D. Shortin, V.F.Chekin, IU.V.Sychev. Med.prom. 16 no.6:28-30 Je '62.

Investigation of high-speed miniature turbines for dental drills. S.G.Kostyleva. Med.prom. 16 no.6:24-28 Je '62.

Parallelometer. V.IU.Kurliandskii, A.A.Gremiakina, V.D.Shortin. Med.prom. 16 no.6:47-49 Je '62.

Production of stomatological materials and articles. L.I. Revzin, K.N.Velezhev. Med.prom. 16 no.6, 8-10 Je '62.

Use of ultrasonics in stomatology. A.A.Kolosov. Med.prom. 16 no.6:30-33 Je '62.

DENTAL INSTRUMENTS AND APPARATUS—CLEANING

Portable ultrasonic apparatus for cleaning dental drills. A.S. Putilin, IU.E. Riabets. Med.prom. 16 no.6:45-46 Je '62.

DEPOLYMERIZATION

New method for the depolymerization of dicyclopentadiene. M. Kovach, B. Rashkai. Khim.prom. no.10:712-713 O '62.

DERGACHI DISTRICT—BEEF CATTLE

Economics of the production of beef on the collective farms of the suburban zone K G Peleshek. Nauch trudy Zootekh. fak. Khar. zoovet inst. 11:3-10 '62.

DESCHAMPSIA

Biological characteristics of Deschampsia caespitosa (L.) P. B. in different plant communities [with summary in English]. V.A.Chizhikova. Vest LGU 17 no.21, 31-41 '62.

DESCRIPTIVE GEOMETRY see Geometry, Descriptive

DESERT FLORA see subdivision under Kyzyl Kum; Russia, Southern

DESULFURATION

Thermal desulfurization of the hydrogen form of the KU-2 resin in some hydrocarbon media. N.G.Polianskii, F.E.Tulupov. Zhur.prikl.khim. 35 no.10, 2281-2287 O '62

DETERMINATIVE MINERALOGY see Mineralogy, Determinative

DEUTERIUM

Dissociation cross sections for 3.5 - 100 kev. D_2^+ ions in collision with D_2 molecules [with summary in English]. S.E.Kupriianov, A.A.Perov, N.N.Tunitskii. Zhur.eksp.i teor.fiz. 43 no.5:1636-1637 N '62.

Hydrogen exchange of nonbenzenoid (ferrocene) aromatic systems. Report No. 1; Hydrogen exchange of ferrocene and mono- and diacetylferrocene with acids. A. N. Nesmeianov and others. Izv. AN SSSR. Otd. khim. nauk no. 11:1932-1936 N '62.

Some features of equilibrium transformations of substituted cyclopentadienes. V. A. Mironov, E. V. Sobolev, A. N. Elizarova. Izv. AN SSSR. Otd khim. nauk no. 11: 2077-2078 N '62.

DEUTERIUM COMPOUNDS

Mechanism underlying the Kucherov reaction. Part 2. Isotopic effect in the reactions of acetylene with acetic acid. A. F. Rokasheva, I. M. Samchenko. Ukr. khim zhur 28 no 9.1054-1060 '62.

DEUTERONS

Emission of fast deuterons in the photodisintegration of O^{16} [with summary in English]. A.P.Komar and others. Zhur.eksp.i teor.fiz. 43 no.5:1657-1659 N '62.

Splitting of deuterons in a field of deformed nuclei [with summary in English]. E. Ismatov. Ukr.fiz.zhur. 7 no.12:1271-1273 D '62.

DIABASE see subdivision under Crimean Mountains

DIABETES

Pathogenic relationship between diabetes mellitus and atherosclerosis. E. M. Egorova, R. A. Mezentsev. Terap.arkh. no.8:67-71 '62.

Pulmonary resection for tuberculosis in diabetes mellitus [with summary in English]. G G Gorovenko, N. S. Orlov Vest Khir. 89 no.9 10-15 S '62

Treatment of diabetes mellitus with diaboral and the state of nutrition in the clinics of the Tashkent Medical Institute. N. L. Romanchenko, A. IA. Makhmudov. Med. zhur. Uzb. no. 3 31-32 Mr '62.

Two cases of diabetes insipidus following cancer of the mammary gland D. M Akhmedov Zdrav Tadzh 9 no 5 53-54 '62.

DIAGNOSIS

Use of ultrasonics in the diagnosis of some surgical diseases [with summary in English]. D. I. T'Surupa Vest khir. 89 no. 9-63-69 S '62.

DIAGNOSIS, CYTOLOGIC

Histological diagnosis of unrecognized gall bladder cancer. M. A. Potekaeva, K. F Smirnova. Klin. med. 10 no.10 118-120 O '62.

DIAGNOSIS, FLUOROSCOPIC

Experience in organizing X-ray fluorographic examinations. A. I. Liubarskii-Zaika, M. I. Tabakman. Vrach. delo no.12:132-133 D '62.

DIAGNOSIS, RADIOSCOPIC

Experience in organizing X-ray fluorographic examinations. A. I. Liubarskii-Zaika, M. I. Tabakman. Vrach. delo no.12:132-133 D '62.

DIALECTICAL MATERIALISM

"Communism and philosophy" by P. N. Fedoseev. Reviewed by A. P. Belik. Vop. filos 16 no 12 156-160 '62.

Kelle, V. Zh., and M. IA. Koval'zon. [Historical materialism] Istoricheskii materializm, kurs lektsii. Moskva, Gos. izd-vo "Vysshaia shkola," 1962. 478 p.

Lehén, Tuure. [Ideology of the laboring classes, lectures on dialectical materialism. Translated from the Finnish] Mirovozzrenie rabochego klassa, lektsii po dialekticheskomu materializmu. Predisl. A. F. Okulova. Moskva, Izd-vo inostr. lit-ry, 1962. 171 p.

Leningrad. Universitet. [Some problems of dialectical materialism] Nekotorye voprosy dialekticheskogo materializma. Leningrad, 1962. 193 p.

"Marxist-Leninist philosophy" by I. T. Vorob'ev, A. B. Kogan. Reviewed by G Emel'ianenko, V Oratovskii, N. Shcherbin. Polit. samoobr. 6 no.12:117-118 D '62.

"Materialistic dialectics as logic and the theory of knowledge" by V. I. Cherkesov. Reviewed by M. V. Emdin. Vest. LGU 17 no.23:140-142 '62.

Pliushch, L. [Content and form] Soderzhanie i forma. [Moskva] Mosk. rabochii, 1962. 62 p. (Obshchedostupnaia bibliotechka po filosofii)

"Studies on dialectical materialism" [in Uzbek]. Reviewed by K. Kh. Khanazarov. Vop. filos 16 no. 12:173 '62.

DIAMAGNETISM

Role of diamagnetism in paramagnetic resonance. A. B. Roitsin Fiz. tver tela 4 no. 10 2982-2983 O '62.

DIAMONDS

Burov, A. P. [How to search for diamonds] Kak iskat' almazy. Izd. 2. Moskva, Gosgeoltekhizdat, 1962. 36 p. (Bibliotechka iskatelia poleznykh iskopaemykh)

Radunskaia, I. L. [When atoms are close-packed] Kogda atomam tesno. Moskva, Izd-vo "Znanie," 1962. 46 p. (Narodnyi universitet kul'tury: Estestvennonauchyi fakul'tet, no. 12)

DIAMONDS, INDUSTRIAL

Moscow. Gosudarstvennyi nauchno-issledovatel'skii institut almaznogo instrumenta i protsessov almaznoi obrabotki. [Diamond tools] Almaznye instrumenty. Pod red. L. K. Petrosiana. Moskva, Mashgiz, 1962. 96 p.

DIAPHRAGMS (MECHANICAL DEVICES)

Clapping of a flapping diaphragm with flexible supports. B. A. Korbut. Izv. vys. ucheb. zav., mashinostr. no. 8-23-26 '62.

DIATHERMY

Myeloileal correlations in physiological and pathological conditions. Report No. 1; The therapeutic use of diathermy of the spleen in injuries to the bone marrow by ionizing radiations and benzene; experimental studies and clinical observations. L. I. Geller. Probl. gemat. i perel. krovi no. 9:17-23 '62.

DIATOMACEOUS EARTH

Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut mineral'nogo syr'ia. [Industry's requirement as to the quality of mineral raw materials] Trebovaniia promyshlennosti k kachestvu mineral'nogo syr'ia; spravochnik dlia geologov. Moskva, Gosgeoltekhizdat.
No. 21. Grigorovich, M. B., and S. P. Kamenetskii. [Diatomite, tripoli, opoka] Diatomit, trepel, opoka. Izd. 2., perer. 1962. 34 p.

DIATOMS see subdivision under Black Sea; Estonia, Kaliningrad Province; Pacific Ocean

DIATOMS, FOSSIL see subdivision under Sakhalin

DICHLORO DIPHENYL-TRICHLOROETHANE see DDT (Insecticide)

DICKSON ISLAND—IONOSPHERIC RESEARCH

Leningrad. Arkticheskii i antarkticheskii nauchno-issledovatel'skii institut. [Dickson Island] Ostrov Dikson. Moskva. [Its: Materialy ionosfernykh issledovanii]

Jan.-Feb	1958	1962.	31 p.
May-June	1958.	1962.	37 p
July-Aug	1958.	1962.	43 p.
Nov.-Dec.	1958.	1962.	29 p.
Jan.-Feb.	1959.	1962.	34 p.
Mar.-Apr.	1959	1962.	35 p.
May-June	1959.	1962.	33 p.
July-Aug.	1959.	1962.	38 p.
Sept.-Oct.	1959.	1962.	35 p.

[MICROFILM]

DICOLINE

Data from a clinical and pathophysiological study of the therapeutic action of dicoline in the treatment of vascular diseases of the brain with mental disorders; report No. 2. V. I. Savchuk, V. V. Gromova, G. M. Entin. Trudy Gos. nauch.-issl. inst. psikh. 25:352-367 '61

DIE CASTING—EQUIPMENT AND SUPPLIES

Simple preparation of die-casting molds. A. Glazkov, N. Ivannikov. Mashinostroitel' no. 11:32 N '62.

DIELECTRIC CONSTANTS

Depolarization of μ^+-mesons in solid bodies [with summary in English]. V. G. Nosov, I. V. IAkovleva. Zhur. eksp. i teor. fiz. 43 no.5:1750-1764 N '62.

Dielectric properties of barium titanate single crystals with a cobalt additive A IU. Kudzin. Kristallografiia 7 no. 5 799-802 S-O '62

Dispersion of dielectric permeability in heterogeneous systems. E. M. Trukhan. Fiz. tver tela 4 no. 12:3498-3511 D '62.

Dispersion relations for the refractive index and absorption coefficient in media with exciton absorption [with summary in English]. A. S Davydov. Zhur. eksp. i teor. fiz. 43 no.5:1832-1840 N '62.

Ferroelectric properties of $SrNb_2O_6$ - 0.5 YbFeO. E. V Siniakov, L. F. Dudnik. Fiz. tver. tela 4 no. 10-2971-2972 O '62.

General case of the method for determining dielectric permeability by means of resonators. P. F Veselovskii, IU. D. Suchkov. Fiz. tver. tela 4 no 10 2989-2992 O '62.

Negative photodielectric effect. A. V. Burlakov. Opt. i spektr. 13 no.5:724-727 N '62.

Nonlinear properties and phase shifts in strontium-bismuth titanates. A. N Gubkin and others Fiz. tver. tela 4 no 11.3293-3300 N '62

DIELECTRIC LOSS

Conductance and dielectric loss in polyvinyl chloride plastics. V. M. Anikeenko and others. Izv. vys. ucheb. zav. ;fiz. no. 5:75-80 '62.

On the anomalous polarization of titanium dioxide (rutile). N. P. Bogoroditskii, L. V. Smirnov Fiz. tver. tela 4 no. 12:3418-3421 D '62.

On the theory of dielectric loss at ultrahigh frequencies in crystals with a nonideal lattice V. S. Vinogradov Fiz tver. tela 4 no. 11.3346-3349 N '62.

Variation of the dielectric loss in crystallizing polymers under the action of ionizing radiation. N. I. Ol'shanskaia, B. I. Vorozhtsov. Izv. vys. ucheb. zav. ;fiz. no. 5:150-155 '62.

DIELECTRICS

Breakdown voltage of solid dielectrics as dependent on thickness in the range of low thickness values. A A Vorob'ev, G. A. Vorob'ev, L. T. Murashko. Izv. vys. ucheb. zav. ;fiz. no. 5:174 '62.

Cherenkov radiation and additional waves in a dielectric. F. G. Bass, M I Kaganov, V M. IAkovenko Fiz. tver tela 1 no. 11:3260-3265 N '62.

On the appearance of dipole configurations in certain structures with singular dielectric properties. V N Liubimov, IU N. Venevtsev Kristallografiia 7 no. 5:783-794 S-O '62

Possibility of determining the effective depth of the yield of secondary electrons in the ion-electron emission from dielectrics. L. P. Moroz, A. Kh. Atukhanov. Izv. AN SSSR. Ser. fiz. 26 no. 11:1322-1327 N '62.

Relaxation properties of cooperative systems, dielectric relaxation in an one-dimensional chain of dipoles [with summary in English]. IU. IA. Gotlib. Ukr. fiz. zhur. 7 no. 7:709-715 Jl '62.

DIELECTRICS, EFFECT OF RADIATION ON

Dielectric loss in X-rayed fluorite crystals when studied at low temperatures at a wavelength of 3.18 cm. I. I. Ezhik. Izv. vys. ucheb. zav. ;fiz. no. 5:81-85 '62.

Dielectric properties of insulating materials subjected to gamma radiation. Part 2 Polyethylene. B. I. Vorozhtsov, V. M. Nesterov, N. I. Ol'shanskaia. Izv. vys. ucheb. zav. ;fiz. no. 5:34-37 '62.

Reversible radiation-electrical effects in dielectrics. V. M Nesterov and others. Fiz. tver. tela 4 no. 11: 3010-3017 N '62.

DIELECTRICS, EFFECT OF RADIATION ON (cont.)

Studying the effect of ionizing radiation on glasses of the system Na_2O, B_2O_3, SiO_2 by the method of electron paramagnetic resonance. G. O. Karapetian, D. M. Udin. Fiz. tver. tela 4 no. 10, 2647-2655. O '62.

DIENCEPHALON—DISEASES

Function of the thyroid gland in relation to the state of lipid metabolism in the diencephalic syndrome. I. E. Ganelina, I. N. Komarova, IA. M. Kraevskii. Klin. med. no. 9, 129-136. '62.

Zonal electrophoresis of protein fractions, glyco- and lipoproteins in some neuroinfections [with summary in English]. A. F. Makarchenko, N. B. Man'kovskii, B. A. Reitrub. Vrach. delo no. 12, 89-92. D '62.

DIES (METALWORKING)

Bel'skii, E. I., and R. I. Tomilin. [Increasing the strength of dies for die forging] Povyshenie stoikosti shtampov pri ob'emnoi shtampovke. Minsk, Gos. izd-vo BSSR Red. nauchno-tekhn. lit-ry, 1962. 197 p.

Equilibrium conditions of a rigid die on a flexible rough support under the action of variable loads. N. V. Florina. Izv. AN SSSR. Otd. tekh. nauk. Mekh. i mashinostr. no. 6, 108-112. N-D. '62.

Stresses in the walls of hollow dies. IA. M. Okhrimenko, B. D. Kop, shii. Izv. vys. ucheb. zav., chern. met. 5 no. 11, 113-120. '62.

DIESEL ENGINES

Dizelestroitel'nyi zavod im. S. M. Kirova, Bol'shoi Tokmak. [The 4CH 10, 5/13 and 6CH 10, 5/13 Diesel engines, descriptions and maintenance instructions] Dizeli 4CH 10, 5/13 i 6CH 10, 5/13; opisanie i instruktsii po obsluzhivaniiu. Moskva, Mashgiz, 1962. 158 p.

Improvement of the technical and economic indices of the two-stroke diesel locomotive engine by means of the modification of the intensity of the scavenging vortex. IU. N. Glagolev. Trudy KHIIT no. 50, 14-22. '61.

Investigating the causes of the destruction of pins fastening the D50 engine to the foundation frame. N. D. Verner, A. M. Tarasov. Trudy KHIIT no. 50, 13. '61.

Preliminary lubrication of the slide bearings of a diesel engine before its start. N. F. Ivanov. Trakt. i sel'khozmash. 32 no. 9, 18-20. S. '62.

Selecting the pressure value of pressure charging as a potentiality for increasing the economic efficiency of a combined engine. N. K. Shokotov, V. I. Oleinik. Trudy KHIIT no. 50, 88-98. '61.

Skobtsov, E. A., A. D. Izotov, and L. V. Tuzov. [Methods for reducing the vibration and noise of diesel engines] Metody snizheniia vibratsii i shuma dizelei. Moskva, Mashgiz, 1962. 191 p.

Stabilization of pressure gauge readings during the adjustment of jets. V. Gnoinik, M. Pantukh. Tekh. v sel'khoz. 22 no. 10, 66-67. O. '62.

Study of the working process of the turbine of the TK-1 turbocompressor. A. V. IAzik. Trakt. i sel'khozmash. 31 [i e. 32] no. 11, 14-18. N. '62.

DIESEL ENGINES—COOLING

Automatic control of water and oil temperature as a means of increasing the motive power resources of diesel engines. A. A. Kurits. Trudy KHIIT no. 50, 59-65. '61.

DIESEL ENGINES—DESIGN AND CONSTRUCTION

Increasing the power and economic efficiency of the D50 engine. V. V. Vodolazhchenko. Trudy KHIIT no. 46, 61-72. '61.

Possibility of using non-cooled pistons in the D70 engine. V. I. Oleinik. Trudy KHIIT no. 50, 66-77. '61.

Problems in the development of diesel engine power series. A. A. Kurits. Trudy KHIIT no. 46, 89-99. '61.

DIESEL ENGINES—FUEL SYSTEMS

Development of fuel system apparatus for the type D50 hopped-up engine. T. F. Kuznetsov, Z. I. Surzhenko, B. F. Bobrov. Trudy KHIIT no. 50, 52-58. '61.

Investigating the fuel feed system of the D60 engine in case of forced feed. Z. I. Surzhenko. Trudy KHIIT no. 46, 73-88. '61.

DIESEL ENGINES—MAINTENANCE AND REPAIR

Gosudarstvennyi vsesoiuznyi nauchno-issledovatel'skii tekhnicheskii institut remonta i ekspluatatsii mashinno-traktornogo parka. [Album technological cards for the repair and adjustment of diesel engines] Al'bom tekhnologicheskikh kart na remont i regulirovku dizel'noi toplivnoi apparatury. 2. izd., dop. i perer. Moskva, Biuro tekhn. informatsii, 1961. 850 p.

DIESEL ENGINES—TESTING

Economic efficiency of the performance of diesel locomotive engines. G. V. Gladilov, IA. M. Shcheglov. Trudy KHIIT no. 50, 23-35. '61.

Method of investigating the heat transfer in a diesel engine by means of an analysis of temperature variations in the combustion chamber walls. G. B. Rozenblit. Trudy KHIIT *no. 46, 121-132. '61.*

Some problems of the performance of the 2D100 diesel engine in idle running. A. P. Kudritsh. Trudy KHIIT no. 46, 141-145. '61.

Studying the performance of the D50 diesel locomotive engine under idling conditions. G. N. Zaslavskii. Trudy KHIIT no. 50, 36-40. '61.

DIESEL FUELS

Dehydrogenation cracking of a diesel fuel on chromia-aluminosilicate catalysts. L. A. Buvalkina, B. Dauletov. Trudy Inst. khim. nauk AN Kazakh SSR. 8, 115-127. '62.

Preliminary fuel filters for tractor diesel engines. A. M. Pimenov, N. A. Mikhailov. Trakt. i sel'khozmash. 32 no. 9, 20-22. S. '62.

DIESEL LOCOMOTIVES

Efficiency of the operation of the primary motor of a diesel locomotive. M. A. Nitsulin, I. L. Shegalov. Trudy LIIZHT no. 175, 56-65. '61.

List of reports and communications made at the branch technical and scientific conference on diesel locomotives. Trudy KHIIT no. 46, 146-147. '61.

Present trends in the development of automatic control of diesel locomotives with electrical transmission systems. E. IA. Gafkel'. Trudy LIIZHT no. 175, 3-9. '61.

Study of the start process of the engine of a diesel locomotive. V. V. Strelopytov. Trudy LIIZHT no. 175, 123-137. '61.

Use of translator devices in the automatic control system of the hydromechanical transmission of a diesel locomotive. I. F. Pushkarev. Trudy LIIZHT *no.* 175, 91-100. '61.

DIESEL LOCOMOTIVES—COOLING

Improving the economic efficiency of diesel engines and their motive power resources by means of a modification of the cooling system. V. N. Poliakov. Trudy KHIIT no. 50, 78-87. '61.

DIESEL LOCOMOTIVES—ELECTRIC DRIVING

Technical and economic evaluation of various transmission types. P. M. Sharoiko. Trudy KHIIT no. 10, 7-11. '61.

DIESEL LOCOMOTIVES—ELECTRIC EQUIPMENT

Methodology for evaluating the operational features of a three-stage amplidyne for use in the electrical transmission systems of diesel locomotives. V. F. Batko. Trudy *LIIZHT no.* 175, 10-41. '61.

Some methods for improving the parameters of an amplidyne for use of the electrical transmission systems of diesel locomotives. G. L. Boldyrev. Trudy LIIZHT *no.* 175, 43-52. '61.

DIESEL LOCOMOTIVES—HYDRAULIC DRIVE

Studying the double-flow hydromechanical transmission *of a 3000 HP* diesel locomotive. V. T. Sereda. Trudy KHIIT no. 46, 43-60. '61.

Technical and economic evaluation of various transmission types. P. M. Sharoiko. Trudy KHIIT no. 10, 7-11. '61.

DIESEL LOCOMOTIVES—INSPECTION

Kharlamov, P. G., G. S. Shcherbachevich, and B. S. Skachkov. [Organization of technical and preventive inspection of diesel locomotives] Organizatsiia tekhnicheskikh i profilakticheskikh osmotrov teplovozov. Moskva, Transzheldorizdat, 1962. 51 p. (Bibliotechka slesaria po remontu teplovozov)

DIESEL LOCOMOTIVES—MAINTENANCE AND REPAIR

Fil'kov, N. I., V. M. Shabili, and M. M. Maizel'. [Repair of the trucks of the TE3 diesel locomotive] Remont telezhek teplovoza TE3. Moskva, Transzheldorizdat, 1962. 57 p. (Bibliotechka slesaria po remontu teplovozov)

[Repair of diesel locomotives] Remont teplovozov. [By] IA. A. Norkin i dr. Moskva, Transzheldorizdat, 1962. *300 p.*

DIESEL LOCOMOTIVES—PERFORMANCE

Improving the performance of D50 an D100 diesel engines under idling and small load conditions. N. D. Verner. Trudy KHIIT no. 46, 133-140. '61.

DIESEL LOCOMOTIVES—TESTING

Stability of characteristics of a TE3 diesel locomotive under operation conditions. *M. N. Khrapov, V. D.* Sirotenko. Vest. TSNII MPS. 21 no. 7, 37-40. '62.

DIESEL LOCOMOTIVES—TRANSMISSION DEVICES

Electronic control of the hydraulic transmission system of a diesel locomotive. *I. F. Pushkarev.* Trudy LIIZHT no. 175, 71-90. '61.

DIET IN DISEASE

Treatment of diabetes mellitus with diaboral and the state of nutrition in the clinics of the Tashkent Medical Institute. N. L. Romanchenko, A. IA. Makhmudov. Med. zhur. Uzb. no. 3, 31-32. Mr. '62.

DIFFERENTIAL ANALYZERS, ELECTRONIC see Electronic differential analyzer

DIFFERENTIAL EQUATIONS

Asymptotic behavior of linear systems in the case of multiple roots of a characteristic equation [with summary in English]. N. I. Shkil'. Ukr. mat. zhur. 14 no. 4, 383-392. '62.

A boundary value problem. V. P. Mikhailov. Dokl. AN SSSR. 147 no. 3, 548-551. N. '62.

Cauchy problem for a second-order hyperbolic equation with a singularity in the coefficient. E. T. Buraev. Uch. mat. nauk. 17 no. 2, 167-174. Mr-Ap. '62.

Concerning the order of the differential equation of a transient process in a complex electrical network. A. E. Kaplianskii, S. G. Ginzburg. Elektrichestvo no. 10, 57-59. O. '62.

Continual integrals connected with evolutional operator equations. IU. L. Daletskii. Usp. mat. nauk. 17 no. 5, 3-115. S-O. '62.

Differential equations of heat transfer in disperse flows of the "moving bed" type [with summary in English]. Z. R. Gorbis. Inzh.-fiz. zhur. 5 no. 10, 32-39. O. '62.

Differential equations with deviating argument. A. M. Zverkin and others. Usp. mat. nauk. 17 no. 2, 77-164. Mr-Ap. '62.

Extremum properties of solutions to elliptic equations. A. G. Tetenov. Dokl. AN SSSR. 147 no. 3, 559-561. N. '62.

Guter, R. S., and A. R. IAnpol'skii. [Differential equations] Differentsial'nye uravneniia. Moskva, Fizmatgiz, 1962. 46 p. (Izbrannye glavy vysshei matematiki dlia inzhenerov i studentov vtuzov)

A method for evaluating the region of convergence of periodic series representing solutions to quasi-linear *differential equations* with a small parameter. Cases of resonance. IU. A. Riabov. Izv. vys. ucheb. zav., mat. no. 6, 108-118. '62.

On the construction of asymptotic solutions for a steady-state differential equations with a delayed argument and a small parameter. V. I. Fodchuk. Ukr. mat. zhur. 14 no. 4, 415-440. '62.

On the density of the probability of transition for solutions to stochastic equations of higher orders. Gan Chzhan'-tsiuan' [Kan Chan-chüan]. Ukr. mat. zhur. 14 no. 4, 393-397. '62.

On the genesis of limiting cycles. A. IA. Khukhlaeva. Izv. vys. ucheb. zav., mat. no. 6, 115-117. '62.

Operator method for the integration of a hyperbolic equation. I. M. Kurnaev. Usp. mat. nauk. 17, 175-181. Mr-Ap. '62.

Ordinary differential equations. D. V. Anosov. Priroda 51 no. 12, 46-48. D. '62.

Principle of linear inclusion for systems of differential equations. B. I. Bylov, D. M. Grobman. Usp. mat. nauk. 17 no. 3, 159-164. My-Je. '62.

Problem of a generalized solution in the theory of quasi-linear equations and in gas dynamics. S. K. Godunov. Usp. mat. nauk. 17 no. 3, 147-158. My-Je. '62.

Separation of variables in the problem of scattering by a body of arbitrary shape. R. G. Barantsev. Dokl. AN SSSR. 147 no. 3, 569-570. N. '62.

Solution of a system of Oseen equations for the case of flow around a plane contour of a viscous incompressible fluid using the method of potentials. Part 3. Izv. vys. ucheb. zav., mat. no. 6, 73-84. '62.

Solution of Cauchy's problem for one class of hyperbolic equations. G. I. Chandirov. Trudy Vych. tsentra AN Azerb. SSR. 1, 17-27. '62.

Theorems in the qualitative theory of highly elliptic systems of the second order. L. M. Kuku. Dokl. AN SSSR. nauk. 17 no. 3, 181-184. My-Je. '62.

Zastavenko, L. G., and A. Chlick. [*Use of the Mall-Laff* phase method in solving kinetic equations] Primenenie metoda statsionarnoi fazy k resheniiu kineticheskikh uravnenii. Dubna, Ob"edinennyi in-t iadernykh issledovanii, 1962. 8 p. [With summary in English]

DIFFERENTIAL EQUATIONS, LINEAR

Convergence of methods of steepest descent. V. M. Fridman. Usp. mat. nauk. 17 no. 3, 201-204. My-Je. '62.

Linear second-order parabolic equations. A. M. Il'in, A. S. Kalashnikov, O. A. Oleinik. Usp. mat. nauk. 17 no. 3, 3-146. My-Je. '62.

DIFFERENTIAL GEOMETRY see Geometry, Differential

DIFFERENTIAL INVARIANTS

Analytic properties of the amplitudes of Feynman diagrams (n-tails) with a single closed loop [with summary in English]. V. P. Antsiferov. Zhur. eksp. i teor. fiz. 43 no. 5, 1826-1831. N. '62.

DIFFRACTION

Effect of stray light on the diffraction image of straight-line objects. Z. O. Kirilluk, I. P. Moroz. Opt. i spektr. 13 no. 5, 734-739. N. '62.

Inelastic diffraction processes at high energies [with summary in English]. E. D. Zhizhin, IU. P. Nikitin. Zhur. eksp. i teor. fiz. 43 no. 5, 1731-1742. N. '62.

Second All-Union Symposium on Wave Diffraction. V. P. Tartakovskii. Usp. fiz. nauk. 78 no. 4, 701-721. N. '62.

Some characteristics of the calculation of diffraction images in visible rays. M. E. Gurevich. Izv. vys. ucheb. zav. fiz. no. 5, 60-64. '62.

DIFFUSION

Anisotropy of the surface diffusion coefficient in Ag. IA. E. Geguzin, N. N. Ovcharenko. Fiz. tver. tela. 4 no. 11, 3117-3123. N. '62.

Calculation of neutron diffusion in periodic lattices G. IA Rumiantsev Atom energ 13 no 6 556-562 D '62

Diffusion and mobility of Sb^{124} in nickel. P. P. Kuz'menko, G. P Grinevich Fiz tver tela 4 no 11 3266-3269 N '62

Diffusion near the critical demixing point of the system triethylamine - water - phenol [with summary in English]. I. R. Krichevskii, N. E. Khazanova, M. V. Kal'sina. Inzh.-fiz. zhur 5 no. 6 93-96 Je '62.

Diffusion of polar substances through the cell walls of wood. IU. M. Ivanov. Zhur. prikl. khim 35 no. 11 2578-2580 N '62

Diffusion of silver in liquid bismuth [with summary in English]. T. V. Vasylenko, IE I Khar'kov. Ukr fiz. zhur. 7 no. 12 1315-1349 D '62

Iron diffusion in hematite. V. I. Izvekov, N. S Gorbunov, A. A. Babad-Zakhrapin Fiz met. i metalloved 14 no. 2:195-199 Ag '62.

Light scattering in solutions and its relation to diffusion and the absorption of ultrasound [with summary in English]. L. I. Lianinskii, M F. Vuks. Ukr. fiz. zhur 7 no. 7 776-781 Jl '62.

New method for determining the moisture diffusion coefficient of moist materials [with summary in English]. V D. Ermolenko Inzh - fiz. zhur 5 no 10 70-72 O '62

One-dimensional problem of unsteady convective diffusion [with summary in English] V. V. Dil'man Inzh - fiz zhur 5 no 10 86-88 O '62

Self-diffusion of electron transfer in intercrystallite joining of silver. S. M. Klotsman, A. N Timofeev, I Sh. Trakhtenberg. Fiz. met. i metalloved. 14 no 5 703-705 N '62.

Significance of diffusion in the migration of salts. M. R Abduev. Izv. AN Azerb. SSR, Ser. biol. i med. nauk no. 6:19-57 '62.

Soret coefficient in two-component solid substances. N. S. Kostiukov Fiz. tver tela 4 no 11:3326-3327 N '62

Use of diagrams of state in studying mutual diffusion. P. A. Savintsev, V. IA. Zlenko Izv vys. ucheb zav. fiz. no. 5:40-53 '62.

DIFFUSION COATINGS

Development of residual stresses on steel surfaces during diffusive allying with addition elements. G. N Dubinin, L. Gribovski. Izv. vys. ucheb. zav., chern. met. 5 no. 11:170-174 '62.

Methods of data processing in reaction diffusion. M. A. Krishtal, A. P. Mokrov. Fiz. met. i metalloved. 14 no. 2:200-204 Ag '62.

DIGESTIVE ENZYMES

Effect of a diet with a low content of essential fatty acids and vitamin B_6 on the secretion of phospholipids and enzymes in the intestine [with summary in English]. I. B. Kuvaeva. Vop. pit. 21 no. 4:30-35 Jl-Ag '62.

Effect of a high protein diet on the formation and excretion of some enzymes by the small intestine in chronic enteritis and enterocolitis [with summary in English]. K. B. Bakhadyrov. Vop. pit. 21 no. 4.35-41 Jl-Ag '62.

DIGESTIVE ORGANS

Daily rhythm of mitotic activity in mice under the conditions of a changed feeding regimen [with summary in English]. N. V. Krasil'nikova. Biul. eksp. biol. i med. 54 no. 11.95-98 N '62.

DIGESTIVE ORGANS—DISEASES

Use of a protein hydrolysate from the Central Order of Lenin Institute of Blood Transfusion in some diseases of the digestive organs [with summary in English]. V. A. Olonova, N. M. Gruzdeva. Vop. pit. 21 no. 4: 42-46 Jl-Ag '62.

DIGESTIVE ORGANS—INNERVATION

Functional connection of organs through interoceptors. IE. M. Fedit. Visnyk akl'hosp. nauky 5 no. 10:113-119 O '62.

DIKES (ENGINEERING)

Methods for diking and afforesting gullies in the Zolotoye Forest Working Circle. IU. B. Dushkov. Les khoz 15 no 10:42-44 O '62.

DIKES (GEOLOGY) see subdivision under Caucasus, Takob Valley

DIMENSIONAL ANALYSIS

Similarity theory and its use in heat engineering. P. K. Konakov. Inzh.-fiz. zhur. 5 no. 6:132-135 Je '62.

DIOCTOPHYMA RENALE

First case of larvae of the nematode Dioctophyme renale (Goeze, 1782) in fishes of the U. S. S. R. E. M. Karmanova. Trudy Gel'm. lab. 11:118-121 '61.

Recent data on the histological structure of the cuticle and hypodermis in Dioctophyme renale (Goeze, 1782). IU. K. Bogolavlenskii, N. V. Pulliaevskaia. Trudy Gel'm. lab. 11:50-53 '61.

DIODES

Compression of a plasma in a p-i-n diode under the action of an intrinsic magnetic field. G. V. Gordeev. Fiz. tver. tela 4 no. 10:2890-2896 O '62.

Demonstration of extra currents arising in the closing and breaking of circuits using germanium diodes G A. Zabirov. Izv. vys. ucheb. zav. fiz. no 5:179 '62.

Effect of a magnetic field on phenomena in a diode with cesium vapors [with summary in English]. N. D. Morhulis, IU. I. Chutov. Ukr. fiz zhur 7 no 9:1003-1014 S '62.

Use of semiconductor iodes for electric frequency control in superhigh-frequency cavity resonators I M Andreeva, I. V. Ivanov. Vest. Mosk. un. Ser 3, Fiz., astron 17 no. 6:3-6 N-D '62.

DIPHENYLAMINE

Nitrodiphenylamines with trifluoromethyl and trifluoromethylsulfonyl groups. S. M. Shein Zhur. prikl. khim 35 no 11 2582-2584 N '62.

DIPHOSPHINE

Synthesis of methylenediphosphine oxide. M. I. Kabachnik, T. IA. Medved'. Izv. AN SSSR Otd. khim. nauk no. 11: 2103-2104 N '62.

DIPLACIN

Characteristics of the action of diplacin in anaphylactic and histamine shock. I N. Rakhmatullin. Vest. AMN SSSR 17 no. 8 50-53 '62.

DIPLODIA

Role of seeds in the spread of Diplodia zeae infection of corn F. E. Nemlienko, G V Orlsenko Zashch rast ot vred i bol. 7 no 2 45-47 F '62.

DIPLOMACY

"The diplomacy of tomorrow" [in French] by A. P. Frangulis. Reviewed by A. E. Roginskaia. Vop. ist. no. 11:194-195 N '62.

DIPOLE MOMENTS

Electron scattering on protons taking dipole moments into account [with summary in English]. A. A Bogush, I. S. Satsunkevich. Zhur. eksp. i teor. fiz. 43 no. 5: 1953-1956 N '62.

On the appearance of dipole configurations in certain structures with singular dielectric properties V. N Linbimov, IU. N Venevtsev Kristallografiia 7 no 5 793-794 S-O '62.

DIRECT ENERGY CONVERSION

Magnetohydrodynamic method of direct conversion of heat energy into electric power. S. L. Rivkin, D. A Zuperman. Energetik 10 no 10 1-6 O '62

DIRICHLET'S SERIES see Series, Dirichlet's

DISABILITY EVALUATION

(see also subdivision under Sverdlovsk, United States)

Method for analysing the indices of temporary disability due to tuberculosis. L. E. Berenzon, Zdrav. Ros. Feder. 6 no. 11:44-47 N '62.

Results of treating injuries of the extremities as revealed by data of the Medical Expert Commission for the Evaluation of Work Capacity in the city of Alma-Ata A. A Rozhkova, A. T Turabaev Zdrav. Kazakh 22 no 3 8-12 '62.

DISARMAMENT

Bonn opposes disarmament. G. Ponomarev. Mezhdunar. zhizn' 10 no. 1:87-72 Ja '63.

Letters to the editor. Zhen. mira no. 3-5, 31 '62.

We shall forge plows out of swords. Mol. mira no. 5/6-1 '62.

A world gathering of women for disarmament Zhen. mira no. 3-4 '62

DISARMAMENT—CONGRESSES

A historic stage in the struggle for peace and universal disarmament. Zhen. mira no. 3-4-5 '62.

A serious present-day problem. Sovr. Mong 7 no 8 5 Ag '62

Universal Congress for Disarmament and Peace. IA. I. Zhidkov. Brat. vest no. 4:20-21 '62.

DISARMAMENT—ECONOMIC ASPECTS

The economic program for disarmament. K. Ivanov, M. Kalugin, B. Batsanov. Mezhdunar. zhizn' 10 no. 1:24-43 Ja '63.

The economic program of disarmament. V. Aboltin. Nov. vrem. 26 no. 52:16-18 D '62.

False theories of "military prosperity." Jürgen Kuczynskii. Sov. profsoiuzy 18 no. 23:36-37 D '62.

DISCUS THROWING see Weight throwing

DISEASES—CAUSES AND THEORIES OF CAUSATION

"Study of the concrete causes of disease according to data from case histories" by E. L. Notkin. Reviewed by R. N. Biriukova. Zdrav. Ros. Feder. 6 no. 11:32-33 N '62.

DISKS, ROTATING—CORROSION

Corrosion of low-carbon steel in concentrated sulfuric acid. L. A. Polubolrtseva, V. M. Novakovskii. [Trudy] UNIKHIM no. 9:93-100 '61.

DISLOCATIONS IN CRYSTALS

Application of selective etching in studying the twin and dislocation structures of triglycine sulfate. V. P. Konstantinova. Kristallografiia 7 no. 5:748-754 S-O '62.

dissolution in the vapors of another substance A V Sandulova, M I. Dronfuk Fiz. tver tela 4 no 10: 2917-2920 O '62.

Determining the preferred direction of the growth of single crystals and single-crystal blocks produced by the zone melting method, and the detection of dislocations in them. A. P. Izergin, V. A Selivanova. Izv. vys. ucheb. zav. fiz no 5:96-99 '62

Effect of the frictional force on a moving dislocation A. I Landau Fiz. tver. tela 4 no 10 2733-2737 O '62.

"Inborn" dislocations and recombination in p-germanium P. G. Eliseev, Kan Chan-kho [K'ang Ch'ang-ho]. I A Nakhodnova. Fiz tver tela 4 no 10:2880-2884 O '62.

DISLOCATIONS IN METALS

Effect of the mosaic structure in cast single crystals of aluminum on their critical breaking stress D E Ovsienko, E I. Sosnina. Fiz met i metalloved 14 no 2 252-258 Ag '62

Investigating the dislocation structure in zinc crystals by the method of selective etching. A A Predvoditelev, G. V Bushueva, V M. Stepanova. Fiz. met i metalloved 14 no. 5,687-692 N '62.

Mechanical properties of ordering copper-gold alloys V. I. Siutkina, E. S IAkovleva. Fiz tver tela 4 no 10: 2901-2907 O '62.

Structure of slip bands. S. V. Zatsepin, V. E. Kochnov. Fiz. met. i metalloved. 14 no 5 673-677 N '62.

DISPERSION

Dispersion relations for the refractive index and absorption coefficient in media with exciton absorption [with summary in English]. A. S. Davydov. Zhur. eksp. i teor. fiz. 43 no 5 1832-1840 N '62.

Optical properties of a phenanthrene single crystal in the region of main exciton absorption bands [with summary in English]. M. S. Brodin, A S. Krochuk. Ukr. fiz. zhur. 7 no. 11:1205-1213 N '62.

DISPLACEMENT (SHIPS)

More on the sagging of ships. M Selivanov Mor. flot 22 no 11:16-17 N '62

DISSERTATIONS, ACADEMIC

Moscow. Publichnaia biblioteka. [Catalog of candidate and doctoral dissertations received by the V. I. Lenin Library and the State Central Medical Library in the first quarter of 1962] Katalog kandidatskikh i doktorskikh dissertatsii, postuplvshikh v Biblioteku V. I. Lenina i Gosudarstvennuiu tsentral'nuiu nauchnuiu meditsinskuiu biblioteku v 1-m kvartale 1962 goda. Moskva, 1962. 255 p.

DISSOCIATION

Constants of the dissociation of glucuronic acid and cellulose oxidized by nitrogen dioxide IU. G Zverev. Trudy LTA no 91 71-82 '60

Dissociation cross sections for 3.5 - 100 kev. D_2^+ ions in collision with D_2 molecules [with summary in English]. S. E. Kupriianov, A. A. Perov, N. N. Tunitskii. Zhur. eksp. i teor fiz. 43 no. 5:1636-1637 N '62.

Relationship between dissociation and recombination rate constants under nonequilibrium conditions. P. P. Nikitin. Kin. i kat. 3 no. 6:830-835 N-D '62

DISTILLATION

Rectification of raw vinyl acetate. V. Rudol-Kolker, R. Sardarian. Prom. Arm. 5 no. 11:54-57 N '62.

DISTILLATION APPARATUS

Optimum designing of a rectification apparatus by means of digital computer. V. M. Platonov, V. B. Petliuk, I. V. Girsanov. Khim. prom. no. 10.764-769 O '62.

Russia (1923- U. S. S. R.) Gosudarstvennyi komitet po koordinatsii nauchno-issledovatel'skikh rabot. [Continuous distillation of glycerol] Nepreryvnaia distillliatsiia glitserina. Moskva, TSINTIpishcheprom, 1962. 30 p. (Tekhnicheskaia informatsiia)

DISTILLING INDUSTRIES—EQUIPMENT AND SUPPLIES see subdivision under Amur Province

DISTILLING INDUSTRIES—RESEARCH

Shul'man, M. S. [Authors' abstracts of completed research] Avtoreferaty vypolnennykh issledovanii. Moskva, TSentr. nauchno-issl. in-t spirtovoi i likerno-vodochnoi promyshl. pri VSNKh, 1962, 32 p.

DISTRIBUTION (PROBABILITY THEORY)—CONGRESSES

Vsesoiuznoe soveshchanie po teorii veroiatnostei i matematicheskoi statistike i kollokviuma po raspredeleniiam v beskonechnomernykh prostranstvakh. 6th, Vilnius, Palanga, 1960. [Transactions of the Sixth Conference on Probability Theory and Mathematical Statistics and of the Colloquy on Distributions in Infinite-Dimensional Spaces] Trudy. Vil'nius, Gos. izd-vo polit. i nauchn. lit-ry Litovskoi SSR, 1962, 493 p.

DISTRIBUTIVE EDUCATION

Akademiia pedagogicheskii nauk RSFSR, Moscow Institut proizvodstvennogo obucheniia. [Distributive education in secondary schools] Opyt obucheniia torgovym spetsial'nostiam v srednei shkole. Pod red. E. D. Varnakovot. Moskva, Izd-vo Akad. pedagog. nauk RSFSR, 1962 109 p. (Pedagogicheskie chtenila)

For close coordination between training and practice. A. Turetskii and others. Sov. potreb. koop. 6 no. 9: 40 S '62.

DISULFIDE

Effect of mercuran and TMTD on the habitation, dynamics, and activity of Azotobacter in the rhizosphere of spring wheat [in Latvian with summaries in English and Russian] A. Kilncare. Izv AN Latv SSR no. 1 109-114 '61.

Effectiveness of disinfecting seed corn with tetramethylthiuram-disulfide T. I. Doldaeva. Zashch. rast. ot vred. i bol. 6 no. 8:28 Ag '61.

Tetramethylthiuram-disulfide in the control of common smut of corn. M. P. Kul'pinova. Zashch. rast. ot vred. i bol. 6 no. 8 28 Ag '61.

DITHIOL

Complex-forming capacity of mercapto compounds Part 1 Comparative evaluation of the strength of complex compounds of dithiols with mercury, lead, cadmium, and zinc cations. E. V. Vasil'eva, T. K. Nedopekin, V. E. Petrun'kin Ukr. khim. zhur. 28 no. 7 773-778 '62

DIVING

Studying heart activity with the help of continuous recording of the heart-beat rate in swimming and diving A. A. Arutsev. Teor. i prak. fiz. kul't. 25 no. 10:36-41 O '62.

DIVISION OF LABOR see subdivision under Communist Countries

DNEPRODZERZHINSK—ROLLING MILLS—TESTING

Experimental investigation of an universal mill at the Dzerzhinskii plant. S. N. Kozhevnikov, P. IA. Skichko. Trudy Inst. chern. met. AN URSR 16 78-87 '62.

Investigating the 950 blooming mill at the Dzerzhinskii plant by experimental and analytical means and with help of an electron model. S. N. Kozhevnikov and others. Trudy Inst. chern. met. AN URSR 16 37-55 '62.

DNEPROPETROVSK PROVINCE—FISHES—FOOD

Theoretical premises and practical measures for increasing natural feed supply for fishes as exemplified by the bodies of water of Dnepropetrovsk Province. P. A. Zhuravel' Trudy sov. ikht. kom. no. 14 21-23 '62

DNEPROPETROVSK PROVINCE—RELIGIOUS EDUCATION

May the life of our children be happy! D. Fedorenko. Volov. ateist no. 11 46-47 N '62.

DNIEPER-DONETS LOWLAND—CLAY

Mineralogy of Bajocian clay formations in the northwestern margins of the Donets Basin and adjacent parts of the Dnieper-Donets Lowland IU. O. Rus'ko Trudy Inst. geol. nauk AN URSR Ser. petr., min. ta geokhim. no. 6 185-195 '60.

DNIEPER-DONETS LOWLAND—GAS, NATURAL—GEOLOGY

Formation of gas fields in the Donets Basin and Dnieper-Donets Lowland. O. I. Pokrovs'kyi. Geol. zhur. 22 no. 5:85-90 '62.

Geotectonic development of the southeastern Dnieper-Donets Lowland in the Lower Permian epoch. V. K. Gavrish. Geol. nefti i gaza 6 no. 10 23-29 O '62

New type of oil and gas pools and some problems in classifying them B. S. Vorob'ev Geol. nefti i gaza 6 no. 10 17-23 O '62

Some problems of hydrogeological conditions in the Dnieper-Donets Lowland in connection with oil and gas potentials. L. P. Shvai and others. Geol. zhur. 22 no. 5 80-85 '62.

DNIEPER-DONETS LOWLAND—PETROLEUM GEOLOGY

Geotectonic development of the southeastern Dnieper-Donets Lowland in the Lower Permian epoch. V. K. Gavrish Geol. nefti i gaza 6 no. 10, 23-29 O '62.

New type of oil and gas pools and some problems in classifying them B. S. Vorob'ev. Geol. nefti i gaza 6 no. 10, 17-23 O '62.

Some problems of hydrogeological conditions in the Dnieper-Donets Lowland in connection with oil and gas potentials. L. P. Shvai and others. Geol. zhur. 22 no. 5:80-85 '62.

DNIEPER HYDROELECTRIC POWER STATION

The Dnieper Hydroelectric Power Station is working for communism. Ukraina no. 20:2 O '62.

Thirty years of operation of the Lenin Dnieper Hydroelectric Power Station. A. F. IAkovlev Gidr. strol. 33 no. 10, 1-5 O '62.

DNIEPER RIVER—COFFERDAMS

Cofferdamming the channel of the Dnieper in line with the Dneprodzerzhinsk Hydroelectric Power Station V. I. Levushkin Gidr. strol. 33 no. 10 6-11 O '62

DNIEPER VALLEY—BRONZE AGE

Settlements of the central Dnieper Valley Culture in the upper Dnieper Valley. I. I. Artemenko. Krat. soob. Inst. arkheol. no. 88:64-73 '62.

DNIEPER VALLEY—GEOLOGY

Basic stages in the development of the Ukrainian Shield. IA. M. Bielievtsev, A. K. Prus. Geol. zhur. 22 no. 5: 3-18 '62.

DNIEPER VALLEY—GEOLOGY, STRUCTURAL

Formations and elements of the tectonic pattern of the Ukrainian iron-ore province. G. I. Kaliaev. Sov. geol. 5 no. 11:70-87 N '62.

DNIEPER VALLEY—IRON ORES

Chemical composition of magnetites from iron-bearing rocks in magnetic anomalies on the right side of the Dnieper Valley IE. F. Shnitukov Trudy Inst. geol. nauk AN URSR Ser. petr., min. ta geokhim no. 6: 157-160 '60

DNIEPER VALLEY—MAGNETITE

Chemical composition of magnetites from iron-bearing rocks in magnetic anomalies on the right side of the Dnieper Valley IE. F. Shnitukov Trudy Inst. geol. nauk AN URSR Ser. petr., min. ta geokhim no. 6 157-160 '60

DNIEPER VALLEY—MARTITE

Martite and processes of the martite formation in magnetite in anomalies on the right side of the Dnieper Valley IE. F. Shnitukov Trudy Inst. geol. nauk AN URSR Ser. petr., min. ta geokhim no. 6 81-98 '60

DNIEPER VALLEY—PINE

Effect of the species variety of the grass cover on the growth of pine on sandy soils. G. I. Vasil'ev. Izv. vyu. ucheb. zav.; les. zhur. 4 no. 5:51-52 '61.

DNIEPER VALLEY—RAILROADS

Three equators of the Dnieper Valley Little Railroad. IU. Ternovyi. Znan. ta pratsia no. 9, 12 Ag '62.

DNIEPER VALLEY—REED (BOTANY)

Organization and management of reed procurement enterprises in the lower reaches of the Dnieper River. P. G. Krotkevich. Bum. prom. 37 no. 11:7-8 N '62.

DNIEPER VALLEY—SUPERSTITION

Folk omens and superstitions. Volov. ateist 3 no. 12: 28-29 D '62.

DNIEPER VALLEY—TOURMALINE

Tourmaline of the Ukrainian Crystalline Shield. IU. IU. IUrk, S. M. Riabokon', IE. F. Shnitukov Trudy Inst. geol. nauk AN URSR. Ser. petr., min. ta geokhim. no. 6 5-30 '60.

DNIEPER VALLEY—WATER, UNDERGROUND

Evaluation of the possibilities of the movement of moisture in the aeration zone of the Dnieper-Molochnaya interfluve on the basis of studying the content of connate water. M. H. Kostianoi, V. I. Lial'ko. Geol. zhur. 22 no. 5 61-66 '62.

DOBROLIUBOV, NIKOLAI ALEKSANDROVICH, 1936-1961

Shakhty. Gosudarstvennyi pedagogicheskii institut. [Problems of the heritage of N. A. Dobrolliubov; on the centenary of his death] Nekotoryye voprosy naslediia N. A. Dobrolliubova; k 100-letiiu so dnia smerti. Shakhty, 1961. 112 p. (MII)

DOCKS

(see also subdivision under Great Britain)

Analysis of the technical and economic indices of precast reinforced concrete mooring structures. D. I. Sadovskii. Transp. strol. 12 no. 11:39-41 N '62.

DOCUMENTARY MOTION PICTURES see Motion pictures, Documentary

DODDER

Biology of the small-seeded clover dodder Cuscuta epithymum Murr and measures for its control [with summary in English]. S. N. Privalova. Trudy VNIIL no. 5 113-124 '58

Dodders in the floodland forests of the southeast of the U. S. S. R. IU. V. Sindaskii. Zashch. rast. ot vred. i bol. 5 no. 2:26-29 F '60

DOGS—DISEASES AND PESTS

Dangerous disease in dogs. G. Pomortsev. Voen. znan. 38 no. 12:36 D '62.

DOLICHOS

New leguminous vegetables [with summary in English]. N. R. Ivanov. Trudy po prikl. bot., gen. i sel. 34 no. 2:3-7 '61.

DOLIDZE, VIKTOR ISIDOROVICH, 1890-1933

Vachnadze, M. A. [Viktor Dolidze; a study] Viktor Dolidze, ocherk. Tbilisi, Izd-vo Soiuza pisatelei Gruzii "Zaria Vostoka," 1961. 63 p.

DOLLS

Doll for children. Z. P. Doshk. vosp. 35 no. 12:60-61 D '62.

DOMAIN STRUCTURE

Connection between magnetostriction curves with the domain structure of silicon iron crystals. V. A. Zaikova, IA. S. Shur. Fiz. met. i metalloved. 14 no. 5:705-707 N '62.

Domain structure of the Mn_5Ge_3 intermetallic compound. A. Vrzhetsiono. Fiz. met. i metalloved. 14 no. 2:182-186 Ag '62.

DOMBAROVSKIY DISTRICT—BRONZE AGE

Archaeological study of the monuments of the Andronovo Culture in the Yelenovka microdistrict. I. I. Artemenko. Krat. soob. Inst. arkheol. no. 88:64-72 '62

DOMESTIC ANIMALS—PARASITES see Parasites—Domestic animals

DOMESTIC RELATIONS

(see also subdivision under France)

A family. P. Sobal'. Belarus' 19 no. 11:10 N '62.

The results of indifference A. Blekh. Sov. iust. no. 23 26-27 D '62.

DOMINICAN REPUBLIC—POLITICS AND GOVERNMENT

Roots of the troubles in the Dominican Republic [Interview] Laev Nov. vrem. 20 no. 50:12-13 D '62.

DON RIVER—PSEUDOMORPHIS

Pseudomorphoses of fluvial sediments. V. I. Rost. Priroda 51 no. 12:38 D '62.

DON VALLEY—AFFORESTATION

Raising forest plantations without additional planting N. D. Samoilenko Les. khoz. 15 no. 10 17-18 O '62

DON VALLEY—GEOLOGY, STRUCTURAL

Formation of local uplifts in the zone of Don-Medveditsa dislocations. IA. Sh. Shaftan, V. N. Khlynova, [et al.] MOIP. Otd. geol. 37 no. 5:111-131 S-O '62.

DON VALLEY—MAPS

Russia (1923- U. S. S. R.) Glavnoe upravlenie geodezii i kartografii. [The Volga and Don Valleys, the tourist's map] Povolzh'e i Don; turisticheskaia karta. Moskva, 1958. 2 fold. maps [With text. 57 p.]

DON-VOLGA CANAL see Volga-Don Canal

DONATELLO, 1386 (ca.)-1466

Libman, M. IA. Donatello. Moskva, Gos. izd-vo "Iskusstvo," 1962. 250 p.

DONETS BASIN—AFFORESTATION

Put the hard-to-manage soils of the Donets Basin under forests A. A. Podkopaev. Les. khoz. 15 no. 10 17-18 O '62

DONETS BASIN—CLAY

Mineralogy of Bajocian clay formations in the northwestern margins of the Donets Basin and adjacent parts of the Dnieper-Donets Lowland IU. O. Rus'ko Trudy Inst. geol. nauk AN URSR. Ser. petr., min. ta geokhim. no. 6 185-195 '60.

DONETS BASIN—COAL GEOLOGY

Accumulation factors of the layer l_8 of the northern limb in the western part of the Bokovo-Khrustal'skaia syncline in the Donets Basin. V. I. Bondarenko, G. I. Zhur. 22 no. 5:90-93 '62.

Importance of studying manganese-bearing coal [illegible] in the Greater Donets Basin. M. I. Selin, [illegible] 22 no. 5:93-94 '62.

DONETS BASIN—COAL MINES AND MINING

Conference of the mechanizers of mines in the Donets Basin Province. B. M. Shcharomskii. Ugol' Ukr. [illegible] 40 N '62.

Further reduction of labor consuming tasks in the operation of Luganuk mines. P. S. Ilianenskii [illegible] Ukr. 6 no. 11:17-18 N '62.

Meeting of the permanent commission of integration and modernization. A. A. Zaplotynskii [illegible] Ukr. 6 no. 11:47-48 N '62.

Mining 43,042 tons of coal monthly with the UMZ-1 loader. M. A. Selezney. Ugol' Ukr. 6 no. 11 [illegible] '62.

Produced 28,032 tons of coal in one month with the "Donbass-1" cutter loader. I. I. Altsov and others. Ugol' Ukr. 6 no. 11:9-10 N '62.

Rapid mining of development workings in the Donetsk Economic Region. V. A. Dubodelov, A. G. Klotkin. Ugol' Ukr. 6 no. 11:4-6 N '62.

Twin drifts for mining flat seams at great depth. A. F. Bakhtin. Ugol' Ukr. 6 no. 11:24-25 N '62

DONETS BASIN—GAS, NATURAL—GEOLOGY

Formation of gas fields in the Donets Basin and adjacent Donets Lowland. O. I. Pokrovs'kyi. Geol. zhur. 22 no. 5:85-90 '62.

Gas potential of coal-bearing sediments in the [illegible] Petropavlovka area of the western Greater Donets Basin. P. S. Ianiev, I. T. Kondratiuk, O. V. Sergeeva. Geol. zhur. 22 no. 5:36-49 '62.

DONETS BASIN—GRAPES—VARIETIES

Fel'dberg, K. A. [Table grape varieties in the Donets Basin] Stolovye sorta vinograda v Donbasse. Kiev, Gosse'lkhozizdat USSR, 1962. 151 p. (DNAL)

DONETS BASIN—HYDRAULIC MINING

Hydromechanical mining of thin steeply dipping coal seams. I. F. Bobrov and others. Ugol' Ukr. 6 no. 11:14-16 N '62.

DONETS BASIN—MANGANESE ORES

Importance of studying manganese-bearing coal deposits in the Greater Donets Bassin. IU.I Selin. Geol.zhur., 22 no.5;93-91 '62.

DONETS BASIN—MINE RAILROADS

Selecting locomotives for the airways of Donets Basin mines. S.A Chumak. Ugol' Ukr., 6 no.11 29-30 N '62.

DONETS BASIN—MINE TIMBERING

Factors determining the cost of supporting haulage drifts in steep seams in the Donets Basin A P Tuchnin Izv.vys.ucheb.zav., gor.zhur 5 no 10 57-61 '62

Use of reinforced concrete arch supports in the Donets Basin mines. M.N.Gelenkul, A.A.Il'enko, B.M Usak-Fedgornov Ugol' Ukr. 6 no 11 11-13 N '62.

DONETS BASIN—MUSIC

Musical Donets Basin G. I Sypin. Sov.muz 26 no 10 61-66 O '62

DONETS BASIN—RADIO IN MINING

Radio communications in shaft sinking in the Mel'nikov Mine No.7. N.V.Novikov, I.V.Shil'man. Ugol' Ukr., 6 no.11:36 N '62.

DONETS BASIN—ROCKS

Lightweight concrete made of agloporite from rock from the mines of the Donets Basin G A Frank Shor. trud VNIINSM no.6 102-109 '62.

DONETS BASIN—RUSSIAN SOCIAL DEMOCRATIC PARTY

Distribution of the newspaper "Pravda" in the Donets Basin in 1912-1914. A.M.Makoimov. Vop.ist. no.11 209-214 N '62.

DONETS PROVINCE—SUNFLOWERS

Economics of growing sunflowers in the Ukraine. M.IU.Vydalko. Visnyk sil'hosp.nauky 5 no.10:15-18 O '62.

DONETSK—AGRICULTURAL WORKERS

The efficiency experts of Donetsk G. Mashuta. Tekh v sel'khoz. 22 no.10:74-75 O '62.

DONETSK—TECHNICAL EDUCATION

Kaplun, IU.V., comp. [Forty years of the Donetsk Polytechnical Institute] Donetskii ordena Trudovogo Krasnogo Znameni politekhnicheskii institut za 40 let. Stalino, Knizhnoe izd-vo, 1961. 124 p. (MIl)

DONETSK PROVINCE—CHEMICAL INDUSTRIES—PRODUCTION STANDARDS

New tasks and the role of the group. I. Goloperov. Sots. trud 7 no.11:53-58 N '62.

DONETSK PROVINCE—MACHINERY INDUSTRY—CONGRESSES

For a perfect work organization. Sots.trud 7 no.11: 143-146 N '62.

DONETSK PROVINCE—WHEAT

Practices in obtaining high yields of winter wheat. I A Pogromskii Zemledelie 21 no.7:66 Jl '62

DONSKOY (TULA PROVINCE)—EMPLOYEES, DISMISSAL OF

Factory committee permitted. B. Povolotskii Okhr truda i sots.strakh. 5 no 11:20 N '62.

DOSTOEVSKII, ANDREI FEDOROVICH

Dostoevskii's grandson. A. Borin. Izobr.i rats no.11: 18 N '62.

DOSTOEVSKII, FEDOR MIKHAILOVICH, 1821-1881

Dostoevskii on Pushkin's "Egyptian nights" V. Kirpotin Vop.lit. 6 no.11.112-121 N '62.

DRAGOMANOV, MIKHAIL PETROVICH, 1841-1895

Dershchak, Il'ko. [Dragomanov in France; based on unpublished documents] Drahomanov u Frantsii; za nevydanymy dokumentamy. Munich, 1957. 46 p. (NNC)

DRAGONFLIES see subdivision under Ukhta District

DRAGONHEAD see subdivision under Kazakhstan

DRAINAGE

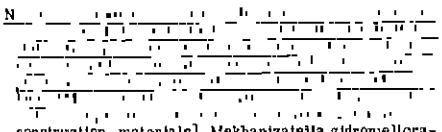
(see also subdivision under Meshchera; White Russia)

Khovanskii, G.S. [Nomograms for hydraulic calculation of drains] Nomogrammy dlia gidravlicheskogo raschota dren Moskva, Vychislitel'nykh tsentr AN SSSR, 1962. 12 p. 6 graphs.

Planning improvement measures in forest management V. Olerinskii, N. Volkova. Les khoz. 15 no.10 71-72 O '62.

Possibilities of using plastic materials in irrigation and drainage construction [in Armenian with summary in Russian]. G.A.Karamian. Izv.Glav.upr.sel'khoz. nauk i podgot.kad.Arm.SSR 6 no.4.63-77 '62.

DRAINAGE—CONGRESSES



construction, materials] Mekhanizatsiia gidromeliorativnykh rabot i ispol'zovanie plastmass v gidromeliorativnom stroitel'stve, materialy Mezhdunarodnogo nauchno-metodicheskogo soveshchaniia. Moskva, Izd. VNIIGIM, 1962. 242 p.

DRAINAGE, HOUSE

Draining precipitation from the built-up roofs of large-panel buildings. I. Lan'ko. Strol.i arkhit. 10 no 11: 27-30 N '62.

Hydraulic calculations for interior leaders in buildings. P V Lobachev, F F. Tertukhanov Vod i san tekh no 9 5-8 '62.

DRAINAGE, SURGICAL

Drainage of the abdominal cavity in operations on the biliary tract [with summary in English]. E.S.Shakhbazian. Klin.med. 40 no.10:70-73 O '62.

DREDGING MACHINERY

Calculations for the loss of head due to friction in a horizontal spoil line L.S. Zhivotovskii and others Gidrstroi 33 no 10 15-19 O '62

For an accurate and continuous determination of the position of dredgers P Chelyshev Mor flot 22 no 11: 38-39 N '62

Improved loosener for dredging compact bottom material I. Golodenko Mor flot 22 no.9 36 S '62.

Nozzles for the hydraulic giant method of spoil transportation. L. Ostpov. Rech. transp. 21 no.12 38-39 D '62.

Operations of 8PZU-type suction dredgers without discharge pipes. D. Popoiko. Rech. transp. 21 no.12.37-38 D '62.

Powerful infant. S. Strashun. Znan.ta pratsia no.8: 15 Ag '62.

Suction dredge with hydrovibrators L G Zhilkov Gidr i mel no 11 61-63 N '62

DRESSINGS (SURGERY) see Bandages and bandaging

DRIFTING ICE STATIONS see subdivision under Arctic regions

DRILLING AND BORING

Boring dynamometer. V.V.Amalitskii. Izv.vys.ucheb. zav.; les.zhur. 4 no.5:117-120 '61.

Flame boring of reinforced concrete. P. Pisipenko, M. Mekler. Strol i arkhit. 10 no.11:25-27 N '62.

DRILLING AND BORING MACHINERY

Tkachenko, S.D., V.I.Kurchatov, and N.M.Kolotushkin. [Automatic machine for drilling piston pins] Avtomat dlia sverlenila porshnevykh pal'tsev. [Chelliabinsk] Chellabinskoe knizhnoe izd-vo, 1961. 12 p.

DRILLING AND BORING MACHINERY—ATTACHMENTS

Changeable marking center with a hard-alloy tip. A.V. Antropov. Mashinostroitel' no.11:23 N '62.

DRILLING FLUIDS

Tables for determining the lag of drilling fluid in conducting gas logging in coal fields B I Ioffe. Geofiz. razved no 10,95-112 '62

DRINKING AND TRAFFIC ACCIDENTS see subdivision under Moscow

DROGOBYCH—MARRIAGE CUSTOMS AND RITES

"The palace of happiness." I.Arema. Volov.ateist no 8,29 Ag '62

DRUG INDUSTRY

Experience in the work of automation. N.L.Storozhenko. Med.prom. 16 no.6:37-40 Je '62.

Some production and scientific problems in the field of antibiotics. A.G. Natradze. Antibiotiki 7 no.9:771-776 S '62.

DRUG INDUSTRY—PATENTS

Profits of pharmaceutical monopolies in the U.S.A. and patents. E.N. Voevodin. Med.prom. 16 no.6 59-63 Je '62.

DRUGS

Bicalin in the compound treatment of peptic ulcer. M L Livshits. Vrach. delo no.12:116-117 D '62

Results of the treatment of malignant neoplasms with a benzotef preparation. R.P. Pal'chikova. Vrach. delo no.12:117-118 D '62.

DRUGS—PATENTS

Influence of patents on the price of drugs in capitalistic countries. E. Voevodin. Vnesh.torg. 42 no.12.26-30 '62.

DRUGS—PHYSIOLOGICAL EFFECT

"Allergy to medicinal substances" [translated from the English]. Reviewed by S.M Navashin. Antibiotiki 7 no.9:853-854 S '62.

Resistance (adaptation) of the organism to some medicinal preparations [with summary in English] N S. Petrov Vrach delo no.12:72-79 D '62.

DRUGS—PRICES AND SALE

Influence of patents on the price of drugs in capitalistic countries. E. Voevodin Vnesh torg. 42 no.12:26-30 '62.

DRYING

Fundamental factors determining the process of drying of pastelike materials in roller-ribbon dryers [with summary in English]. B.S Sazhin Inzh.-fiz.zhur. 5 no.6:13-20 Je '62.

New method for determining the moisture diffusion coefficient of moist materials [with summary in English] V.D Ermolenko Inzh.-fiz zhur 5 no 10: 70-72 O '62.

DRYING APPARATUS

Units for drying and heating buildings. Z. Lipkovich. Stroitel' 8 no.8 5-7, 4 of cover S '62.

Utilizing the heat of the exterior air for drying clay tile in tunnel dryers A.A. Toporkova. Strol mat. 8 no.11 27 N '62

DRYING APPARATUS—FOUNDRY SAND

Improved system of drawing-off waste gases from driers for the drying of mold surfaces. L R. Khesson. Lit proiz. no.11:42 N '62.

DUBROVINSKII, IOSIF FEDOROVICH, 1877-1913

Kreer, A.M. [Iosif Dubrovinskii (Innokentii). Moskva, Gospolitizdat, 1962. 62 p.

DUBROVITSA DISTRICT—RURAL CONDITIONS

Achievements of industrious farmers. K. Avramovshyn. Volov.ateist no.11:9-11 N '62.

DUCKS

(see also subdivision under Zolotonosha District)

Quality of duck meat preserved with the sublimation method E Tkachenko. Miias.ind.SSSR 33 no 5 39-42 '62

DUCKS—PARASITES see Parasites—Ducks

DUMP TRUCKS

The MM3-811 semitrailer-dump truck. A. Aklimov, A. Melik-Sarkisiants. Avt.transp. 40 no.12:33-36 D '62.

DUMPING APPLIANCES

Experimental investigation of a rotor car-dumper. S.N. Kozhevnikov, P.IA Skichko, V.A. Skuma. Trudy Inst.chern.met. AN URSR 16:3-8 '62.

Self-dumping sledge. V.Konvisarov. Sel' mekh no.10 29 '62.

DUNAEV, EVLAMPII ALEKSANDROVICH, 1877-1919

Nilakit, V.V. Evlampii Dunaev. [Gor'kii] Gor'kovskoe knizhnoe izd-vo, 1962 86 p (Nizhegorodtsy-revoliutsionery) (MIl)

DUODENUM

Evaluation of the colorimetric and precipitation methods of determining the proteolytic activity of duodenal juice I A Klimov Lab delo 8 no.5:24-26 My '62

Formation of a stump of the duodenum by an instrument from the Research Institute for Experimental Surgical Apparatus and Instruments. E.F. Sokolov, E.M. Khodlev. Med. zhur. Uzb. no.3 46-47 Mr '62.

DURALUMIN—WELDING

Automatic quality control of spot-welded duralumin by means of high-speed X-ray examination. R.M. Dombrugov, L.S. Fol'dman, A.P. Zozulia-Churina. Svar. proizv. no.12 37-39 D '62.

DUSHANBE—INFLUENZA

Serum diagnosis of focal influenzal diseases. A.I. Kirianova Zdrav Tadzh 9 no 5 12-15 '62.

DUSHANBE—MILK, HUMAN

Trace elements in parturients' milk under the climatic and geographical conditions of the dry subtropics. B L Gurtovoi. Zdrav Tadzh. 9 no 5:58-60 '62.

DUST COLLECTORS

Changing the design of Lurgi electrostatic filters. A.V. Shubin, N S.Boiko. TSement 28 no.6 21-22 N-D '62.

Proper use of electrostatic filters. V.N. Uzkov. TSement 28 no.5 11-12 N-D '62.

Use of foam apparatus for fine sanitary purification and removal of toxic carbon dust from air exiting from the adsorber with "fluidized" beds of sorbents. I.F Zemskov, A.S.Stepanov, A.V. Melikih Zhur.prikl.khim. 35 no.11:2467-2472 N '62.

DUVANNYY ISLAND—MUD VOLCANOES

Eruption of the mud volcano on Duvannyy Island. A.D. Sultanov, F.G.Dadashev. Izv.AN Azerb.SSR.Ser. geol.-geog.nauk i nefti no.3 73-82 '62.

DVIN—COINS, ORIENTAL

Mushegian, Kh.A. [Money circulation in Dvin according to numismatic data] Denezhnoe obrashchenie Dvina po numizmaticheskim dannym. Erevan, Izd-vo AN Armianskoi SSR, 1962. 201 p.

DWELLINGS see subdivision under Komi A. S. S. R.

DYES AND DYEING
Active dyes based on epichlorohydrin P. P. Karpukhin, T. A. Korotenko. Izv. vys. uch. zav., khim. i khim. tekh. 5 no. 4 636-641 '62.
Catalytic hydrogenation of dianils of glutaconaldehyde and their salts (pyridine dyes) N. E. Grigor'eva, L. I. Shcherbakova, I. K. Gintse. Ukr. khim. zhur. 28 no. 7 848-851 '62.

DYKES see Dikes (Engineering)

DYNAMOMETER
Boring dynamometer. V. V. Amalitskii. Izv. vys. ucheb. zav., lesn. zhur. 4 no. 5 117-120 '61.
Gymnastics recording dynamometer. Iu. Verkhalo. Iun. tekh. 7 no. 11 8-9 N '62.
Hydraulic compression dynamometer. I. I. Gruznov. Mashinostroitel' no. 11 28 N '62.
Investigating strain-measuring dynamometers. V. A. Koval' and others. Priborostroenie no. 11 10-11 N '62.

DYSENTERY
Functional disorders in the digestive glands in patients with chronic dysentery. Report No. 2 (Changes in the secretion of the digestive glands). V. K. Kadyrov. Med. zhur. Uzb. no. 3, 34-37 Mr '62.
Intestinal microflora in chlortetracycline and vitamin therapy of dysentery [with summary in English]. N. I. Korabel'nikova, A. L. Buldakova. Antibiotiki 7 no. 9: 822-825 S '62.

DZERZHINSK—CITY PLANNING
Experimental design for a residential area in the city of Dzerzhinsk. D. Grishin, I. Lialiskina, Iu. Sdobnov. Arkhit. SSSR no. 7: 35-37 '62.

DZERZHINSKII, FELIKS EDMUNDOVICH, 1877-1926
Ardent fighter for communism, 85th anniversary of F. E. Dzerzhinskii's birth. S. Khromov. Mor. flot 22 no. 9 4-6 S '62.
[Reminiscences about Dzerzhinskii; on the 65th anniversary of his birth] Vospominaniia o Dzerzhinskom, k 85-letiiu so dnia rozhdeniia. Moskva, Izd-vo "Znanie," 1962. 45 p. (Novoe v zhizni, nauke, tekhnike. X Seriia. Molodezhnaia, no. 10)

DZHABARLY, DZHAFAR, 1899-1934
"Works of Dzhafar Dzhabarly" by Mamed Arif. Reviewed by G. Orudzhali. Vop. lit. 6 no. 11 234-236 N '62.

DZHAMBUL—CHEMICAL PLANTS
Renovating the Dzhambul superphosphate plant. V. P. Kaliapin. Prom. stroi. no. 10 11-14 '62.

DZHANGOU RANGE—GEOLOGY, STRUCTURAL
Morphology and structural characteristics of the Dzhangou Range. V. M. Reiman, S. A. Morozov, A. M. Babaev. Trudy Inst. geol. AN Tadzh. SSR 4 113-125 '61.

DZHAVID, GUSEIN
Guseĭn Dzhavid's "Demon" [in Azerbaijani with summary in Russian]. IA. Karaev. Izv. AN Azerb. SSR Ser. obshchestv. nauk no. 9: 71-81 '62.

DZHEZKAZGAN DISTRICT—ORE DEPOSITS
Mechanism of the origin of low-pressure zones in sheet rocks as possible localizers of mineralization as revealed by the studies in the Dzhezkazgan deposit. M. Chekhovich. Izv. AN Kazakh. SSR, Ser. geol. no. 5: 58-63 '62.

DZHEZKAZGAN DISTRICT—PALEOBOTANY, STRATIGRAPHIC
First find of fossil flora in Zhideliisay sediments of Dzhezkazgan District. B. Sh. Klingor, M. A. Trusova. Mat. po geol. i pol. iskop. TSentr. Kazakh. no. 2, 21-22 '62.

DZUNGARIAN ALA-TAU—AFLATUNIA
Stands of Aflatunia ulmifolia in the Dzungarian Ala-Tau. V. P. Goloskokov, I. I. Roldugin. Trudy Inst. bot. AN Kazakh. SSR 13: 183-188 '62.

DZUNGARIAN ALA-TAU—ORE DEPOSITS
Structural types of complex metal deposits in the Dzungarian Ala-Tau. A. K. Kalupov, IU. I. Kazanin. Izv. AN Kazakh. SSR, Ser. geol. no. 5: 27-31 '62.

EAR—DISEASES
Otoneurological symptoms in hypertension. A. V. Zhukovich. Klin. med. no. 9: 94-99 '62.

EAR—SURGERY
Radical operations on the middle ear in medical institutions of Riga in the last 10 years [with summary in English]. E. Gaudins. Izv. AN Latv. SSR no. 1: 139-146 '61.

EARTH
Flysh and astrogeology. N. Vassoevich. Geog. sbor. no. 15: 168-178 '62.
Mezonisev, V. A. [Are there miracles in nature?] Chi ie v prirodi chudesa. Kyiv, Vyd-vo "Molod'," 1958. 160 p. (NIC)
Relationship of contours and distribution of continents to the structure and movement of the earth. D. G. Panov. Geog. sbor. no. 15: 151-161 '62.
Resolutions of the Third Astrogeological Conference. Geog. sbor. no. 15: 208-209 '62.
Significance of the terrestrial theory and necessity of its creation. B. L. Lichkov. Geog. sbor. no. 15: 7-28 '62.
Silkin, B. I., V. A. Troitskaia, and N. V. Shebalin. [On unknown planet] Nasha neznakomaia planeta; itogi Mezhdunarodnogo geofizicheskogo goda. Moskva, Izd-vo Akad. nauk SSSR, 1962. 292 p.
Similarity and dissimilarity in the geological development of the earth-moon system. Konrad Beneah. Izv. AN SSSR, Ser. geol. 27 no. 11: 50-57 N '62.
Some problems in the development of the earth sciences [with summary in English, pp. 185-186]. E. K. Fedorov. Vop. filos. 16 no. 11: 63-75 '62.
Terrestrial theory and astrogeology. Geog. sbor. no. 15: 3-6 '62.
Third Astrogeological Conference on the Problems of the Theory of the Earth. K. Springis. Izv. AN Latv. SSR no. 1: 167-172 '61.

EARTH—FIGURE
More on studying an adjusted geoid with using a normal field. I. F. Monin. Geod. i kart. no. 11: 63-68 N '62.
Symmetry of the earth. I. I. Shafranovskii. Geog. sbor. no. 15: 95-103 '62.

EARTH—GRAVITY
Some consequences of the earth movement in the gravitational field of the galaxy. A. A. Lavrov. Geog. sbor. no. 15: 162-167 '62.

EARTH—INTERNAL STRUCTURE
Origin of the earth's covers. A. P. Vinogradov. Izv. AN SSSR, Ser. geol. 27 no. 11: 3-17 N '62.

EARTH—ROTATION
Dependence of the morphostructural plan of the Antarctica and Arctica on the rotational forces of the earth. P. S. Voronov. Geog. sbor. no. 15: 138-150 '62.
Role of the irregular rotation of the earth in the formation of deep planetary faults in the earth's crust. M. V. Stovas. Geog. sbor. no. 15: 29-44 '62.

EARTH—SPACE
Biellankin, F. P. [Effect of gravitation of the moon and sun on crustal processes] Tektonichni protsesy v zemnii kori pid gravitatsiinym vplyvom Misiatsia ta Sontsia. Kyiv, Vyd-vo Akad. nauk URSR, 1962. 51 p.

EARTH—SURFACE
(see also subdivision under Kazakhstan)
Crystal structure based on seismic and gravimetric data. L. A. Solov'eva, G. Z. Gurarii. Biul. MOIP. Otd. geol. 37 no. 5, 169-170 S-O '62.
Problems of the study of recent crustal movements. D. A. Lilienberg, N. Sh. Shirinov. Izv. AN Azerb. SSR, Ser. geol.-geog. nauk i nefti no. 3: 157-159 '62.
Significance of folding in the history of crustal development. V. E. Khain. Biul. MOIP. Otd. geol. 37 no. 5: 165-167 S-O '62.
Third interdepartmental Conference on Recent Movements of the Earth's Crust. R. A. Golub, Z. I. Martynova. Geod. i kart. no. 4: 74-76 Ap '62.

EARTH PRESSURE
An answer to A. S. Kananian and E. P. Krilukov. A. A. Luga. Osn., fund. i mekh. grun. 4 no. 5: 26-27 '62.
Calculations for thin walls taking into account the redistribution of active soil pressure along the height of the wall. IU. M. Goncharov. Osn., fund. i mekh. grun. 4 no. 5: 24-26 '62.
Measuring the lateral pressure of fine sand on an enclosing element. E. I. Medkov. Osn., fund. i mekh. grun. 4 no. 5: 22-23 '62.

EARTH SATELLITES see Artificial satellites

EARTH TEMPERATURE
Analytic method for determining radiation balance on the basis of the total radiation and albedo. A. V. Pavlov. Izv. AN SSSR, Ser. geog. no. 6: 94-100 N-D '62.
Probable cause in the change of the reciprocal gradient with depth. A. B. TSaturiants, Zh. N. Ter-Karapetiants. Izv. AN Azerb. SSR, Ser. geol.-geog. nauk i nefti no. 3: 147-155 '62.
Reciprocal and temperature gradient in a neutral layer. S. A. Dzhamalov, V. V. Suetnov. Trudy Geol. inst. Dag. fil. AN SSSR. 2: 237-244 '60.
Temperature changes with depth. S. A. Dzhamalov, R. A. Levkovich. Trudy Geol. inst. Dag. fil. AN SSSR. 2: 245-251 '60.

EARTHQUAKES see subdivision under Ukraine

EARTHQUAKES AND BUILDING
The distribution of seismic forces of inertia along the height of a structure. G. N. Kartsivadze. Trudy GPI [Gruz.] no. 5: 47-52 '61.
Using accelerograms of heavy earthquakes in designing earthquake proof installations. E. E. Khachian. Izv. AN Arm. SSR, Ser. tekh. nauk 15 no. 5: 3-13 '62.

EARTHWORK
Further improvement of the operations-flow [illegible] working trenches by layers in the Virgin [illegible]. L. A. Morgulis, P. G. Boguslavskii. Stroi. truboprovodov 7 no. 11: 17-19 N '62.
Graphical method for planning the grading of fields for irrigation purposes. V. N. Kondrat'ev. Gidr. i mel. 14 no. 11: 21-24 N '62.
Mechanized working of frozen ground and rock. Stroitel' 8 no. 9: 2-5, 3 of cover S '62.

EAST (NEAR EAST) see Near East

EAST (SOVIET FAR EAST) see Soviet Far East

EAST EUROPEAN PLAIN—SWAMPS
Causes of the bogging up of woodlands of the [illegible] pean Plain. IU. A. Shcherbakov. Geog. v shkole no. 6: 17-20 N-D '62.

EAST GERMANY see Germany, East

EAST KAZAKHSTAN PROVINCE—LEAD INDUSTRY
A reliable method. L. Polner. Part. zhizn' no. 23: 27-31 D '62.

EAST KAZAKHSTAN PROVINCE—PETROLEUM GEOLOGY
Vasilenko, V. K. and I. G. Levchenko. [Zaysan well (East Kazakhstan Province)] Zaisanskaia opornaia skvazhina (Vostochno-Kazakhstanskaia oblast')- Leningrad, Gos. nauchno-tekhn. izd-vo neft. i [illegible] toplivnoi lit-ry, Leningr. otd-ie, 1962. 119 p. [illegible] grad. Vsesoiuznyi neftianoi nauchno-issledovatel'skii geologorazvedochnyi institut. Trudy, no. 187)

EAST KAZAKHSTAN PROVINCE—ZINC INDUSTRY
A reliable method. L. Polner. Part. zhizn' no. 23: 27-31 D '62.

EASTERN EMPIRE see Byzantine Empire

EASTERN EUROPE see Europe, Eastern

EASTERN SIBERIA see Siberia, Eastern

ECHINODERMATA see subdivision under Kuriles Islands

ECHINOPSINE
Treatment of neuropsychic disorders in hypertension using echinopsine. G. V. Ryzhikov. Trudy Gor'k. gos. med. in-ta [illegible] psikh. 25: 150-158 '61.

ECHINURIA
Brief survey of nematodes of the genus Echinuria Linstow, 1901 (Nematoda, Spiruroata). K. M. Ryzhikov. Trudy Gel'm. lab. 11, 208-212 '61.

ECHMIADZIN DISTRICT—COTTON BREEDING
Efficiency of different methods of cotton pollination in relation to the time of pollen application. G. M. Babaev, A. M. Adzhiblan. Izv. AN Arm. SSR, Biol. nauki 15 no. 11: 59-62 N '62.

ECOLOGY see subdivision under Daghestan

ECONOMETRICS see Economics, Mathematical

ECONOMIC ASSISTANCE
(see also subdivision under Asia, Southeastern, Mongolia)
"Aid and cooperation in the name of peace" by [illegible] kov, V. Sergeev, G. Shevtsov. Reviewed by [illegible] Az. i Afr. seg. no. 11: 57 N '62.

ECONOMIC ASSISTANCE, FOREIGN see subdivision under Somalia

ECONOMIC ASSISTANCE, RUSSIAN see subdivision under Ghana; Iraq; Somalia

ECONOMIC CYCLES see Business Cycles

ECONOMIC GEOLOGY see Geology, Economic

ECONOMIC HISTORY
Economic situation in capitalist countries [illegible]. Mir. ekon. i mezhdunar. otn. no. 12: 90-104 D '62.
"Future of freedom" by Dyson and Clinchette [illegible]. Reviewed by L. Sedin. Kul't. i zhizn' 6 no. [illegible] '62.
Industrial production of the capitalist countries [illegible] end of 1962. R. Sotodkin, V. Shil'dkraut. Nov. [illegible] 20 no. 52: 6-9 D '62.

ECONOMIC ZONING see subdivision under Komi A. S. S. R.

ECONOMICS
Akademiia nauk SSSR. Otdelenie ekonomicheskikh, [illegible] sotsial'nykh i pravovykh nauk. [Problems of the socialist economy of the U. S. S. R.; on the 65th birthday of Academician Stanislav Gustavovich Strumilin] Voprosy [illegible] nogo khoziaistva SSSR; k 85-letiiu akademika Stanislava Gustavovicha Strumilina. Moskva, Izd-vo Akad. nauk SSSR, 1962. 417 p.
Akademiia nauk URSR, Kiev. Instytut ekonomiky. [Socialist reproduction of the means of production] Sotsialistychne vidtvorennia. Kyiv, Vyd-vo Akad. nauk URSR, 1962. 298 p.

"History of Russian economic theories" Vols 1-2, Reviewed by A. M. Davidovich Vop filos 16 no 12 161-164 '62

Interrelations between basic elements in the system of expanded production of the means of production and consumption D. I. Oparin. Trudy Kal. tekh. mat ryb. prom. i khoz 12 7-25 '61

[illegible] posob [illegible] KPSS

No. 3. [Socialist production and distribution] Sotsialisticheskoe proizvodstvo i raspredelenie 1962. 431 p

The law of increasing labor productivity and some trends in the development of labor costs [with summary in English]. D. K. Trifonov Vest LGU 17 no. 23 5-15 '62.

The role of profit in a socialist economy I. Gatovskii Kommunist 39 no 18 60-72 D '62

Russia (1923- U. S. S. R.) Upravlenie prepodavaniia obshchestvennykh nauk. [Program for a course on economics for institutions of higher learning (90 hours)] Programma kursa politicheskoi ekonomii dlia vysshikh uchebnykh zavedenii (90 chasov) [Moskva] Sotsekgiz, 1962. 29 p.

ECONOMICS—BIBLIOGRAPHY see Bibliography—Economics

ECONOMICS—STUDY AND TEACHING
(see also subdivision under Uzbekistan)

[illegible] [Problems of the theory of socialist economy and the economic education system] Programma po ekonomike promyshlennykh predpriiatii dlia ekonomicheskikh kruzhkov i seminarov sistemy politicheskogo prosveshcheniia. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1962, 31 p.

Russia (1923- U. S. S. R.) Upravlenie prepodavaniia obshchestvennykh nauk. [Assignments for controlled work in economics, for the special correspondence schools of economics and for the economics departments of special secondary correspondence schools] Zadaniia dlia kontrol'nykh rabot po politicheskoi ekonomii, dlia zaochnykh ekonomicheskikh tekhnikumov i ekonomicheskikh otdelenii zaochnykh srednikh spetsial'nykh uchebnykh zavedenii. [Moskva] Rosvuzizdat, 1962. 20 p.

ECONOMICS, MATHEMATICAL

Calculating planned assignments on labor productivity with the aid of mathematical methods V. Khaikin Sots. trud 7 no. 11;77-85 N '62.

EDIBLE MUSHROOMS see Mushrooms, Edible

EDINBURGH—MUSIC FESTIVALS

Festival of music in Edinburgh. Dmitrii Shostakovich. Ogonek 40 no. 38-2 S '62.

Holiday of Soviet music in Great Britain. M. Rostropovich. Sov. muz. 26 no. 11, 90-92 N '62

EDUCATION
(see also subdivision under Mordovia, United States)

[Activization of the teaching and educational processes in the school] Aktivizatsiia uchebno-vospitatel'nogo protsessa v shkole. Moskva, Uchpedgiz, 1961. 230 p. (CSI-H)

General educational ideas propagated by the periodical "Ganatleba" [in Georgian with summary in Russian] G. Melikidze. Trudy Tbil. GU 97;173-187 '60

Light of the Great October. Ukr. mova v shkoli 12 no. 6;3-6 N-D '62.

Party chronicle. Part. zhizn' no. 23;79-80 D '62.

EDUCATION—BIBLIOGRAPHY see Bibliography—Education

EDUCATION—CONGRESSES

International Conference of Representatives of Science and Institutes of Higher Education. A. I. Oparin. Vest. AN SSSR 32 no. 12;68-70 D '62.

EDUCATION—PHILOSOPHY

Educational ideas of L. N. Tolstoi on the 50th anniversary of his death [in Georgian with summary in Russian]. G. Kiknadze Trudy Tbil. GU 87;151-171 '60

EDUCATION, COOPERATIVE
(see also subdivision under Germany, East; Ryazan, Siberia, Western)

Important party work. D. Udin, I. Boginskii, V. Palenov. Part. zhizn' no. 24;50-54 D '62

Important stage in carrying out of the law on the strengthening of contacts between school and life. B. Mal'tsev. Prof.-tekh. obr. 19 no. 7;1-2 Jl '62.

EDUCATION, HIGHER

[Bulletin of the Ministry of Higher and Secondary Specialized Education of the U.S.S.R.] Biul. Min. vys. i sred. spets. obr. SSSR no. 12 D '62; no. 1 Ja '63.

EDUCATION, PRESCHOOL

Important event in the life of a nation. Doshk. vosp. 35 no. 12;3-4 D '62

On the right path. R. Zhabreva, Z. Chernetsova. Doshk. vosp. 35 no. 12 16-19 D '62.

The press on preschool education. N. Petrovskaia, A. Kolesnikova. Doshk. vosp. 35 no. 12, 20-22 D '62.

Summing up. V. Bocharova. Doshk. vosp. 35 no 12 81-85 D '62.

EDUCATION, PRESCHOOL—AUDIO-VISUAL AIDS

Exhibition in the methodological study room. L. Gerasimova. Doshk. vosp. 35 no. 12, 19 D '62

EDUCATION, SECONDARY—STATISTICS

Russia (1923- U. S. S. R.) TSentral'noe statisticheskoe upravlenie [Secondary specialized education in the U. S. S. R.; statistical data] Srednee spetsial'noe obrazovanie v SSSR, statisticheskii sbornik. Moskva, Gosstatizdat, 1962. 154 p.

EDUCATION OF CHILDREN see subdivision under Germany, West

EDUCATION OF WOMEN see subdivision under Rumania

EDUCATIONAL PSYCHOLOGY

Akademiia pedagogicheskikh nauk RSFSR, Moscow. Institut psikhologii. [Psychology of training for work] Voprosy psikhologii obucheniia trudu. Pod red. A. A. Smirnova. Moskva, Izd-vo APN RSFSR, 1962. 257 p.

"Studying the psychology of students" by K. K. Platonov. Reviewed by B. Obshadko. Prof.-tekh. obr. 19 no. 7-28 Jl '62.

EDUCATIONAL RESEARCH
(see also subdivision under Ukraine)

Zankov, L. V. [Subject and methods of educational research] O predmete i metodakh didakticheskikh issledovanii. Moskva, Izd-vo Akad. pedagog. nauk RSFSR, 1962. 148 p. illus.

EELGRASS see subdivision under Barents Sea

EFENDIEV, SULTAN MADZHID, 1887-

S. M. Efendiev's defense and propagation of the Marxist-Leninist theory of the national and colonial problem [in Azerbaijani with summary in Russian]. A. A. Talybov. Izv. AN Azerb. SSR, Ser. obshchestv. nauk no 10, 3-11 '61.

EFFECT OF RADIATION ON METALS see Metals, Effect of radiation on

EFFECT OF TEMPERATURE ON METALS see Metals, Effect of temperature on

EFFICIENCY, INDUSTRIAL
(see also subdivision under Armenia, Baku, Gorkiy Province; Ukraine)

Conference of the mechanizers of mines in the Donetsk Province. B. M. Shcharanskii. Ugol' Ukr. 6 no. 11; 46 N '62.

Efficiency promoters of the "Children's Clothing" Factory No. 4. L. IA. Khamish, Shvein. prom no 6;32-33 N-D '62.

For the victory of communist labor. V. G. Podmarkov. Vop. filos. 16 no. 12;145-150 '62.

Quantitative expression of the qualitative indicators of attitude to work [with summary in English]. A. G. Zdravomyslov. Vest. LGU 17 no. 23, 100-102 '62.

Ukrainian coal miners and the 45th anniversary of the October Revolution. Ugol' Ukr. 6 no. 11;1-3 N '62.

EGGS

Effect of ultraviolet irradiation on some physical characteristics of the protein of a hen's egg. N. A. Kodynets'. Visnyk sil'hosp. nauky 5 no. 11;66-69 N '62.

EGNER, THORBJORN, 1912-

Favorite playwright of Norwegian children. V. IAkub. Teatr 23 no. 11;188-189 N '62

EGYPT—ANTIQUITIES

Archaeologists in the land of Cush. N. IA. Merpert. Vokrug sveta no. 10 14-16 O '62.

EGYPT—COTTON—DISEASES AND PESTS

Cotton pests in the Egyptian area of the United Arab Republic and their control G. K. Kal'bergenov. Zashch. rast ot vred. i bol 5 no. 2 54-58 F '60.

EGYPT—INSECTS, INJURIOUS AND BENEFICIAL

Cotton pests in the Egyptian area of the United Arab Republic and their control. G. K. Kal'bergenov. Zashch. rast ot vred. i bol. 5 no. 2;54-58 F '60

EGYPT—PLANTS, PROTECTION OF

Plant protection and quarantine service in the United Arab Republic. G. K. Kal'bergenov. Zashch. rast ot vred i bol. 7 no. 2 51-52 F '62.

EGYPT—TECHNICAL ASSISTANCE, RUSSIAN

Reportage from Aswan. I. Belinev. Az. i Afr. segodnia no. 12;10-12 D '62.

EISENSTEIN, SERGEI MIKHAILOVICH, 1898-1948

Interminable work Leonid Kozlov. Isk kino no. 11; 100-101 N '62.

ELASTIC PLATES AND SHELLS

Approximate plotting of the partial solution in the case of the temperature problem for a cylindrical shell. S. IA. IArema. Nauch. zap. IMA AN URSR Ser. mashinoved. 9;101-122 '62.

Bending of a circular clamped plate beyond the elastic limit. A. S. Grigor'ev Izv. AN SSSR Otd. tekh. nauk. Mekh. i mashinostr. no. 6;83-87 N-D '62.

Bending of a plate having the shape of a part of circular ring fastened along the greater arched edge A. G. Andreev Sbor trud Lab gidr. mash AN URSR no 10 61-71 '62

Calculations for a strip under any loading lying on a fourth of an elastic surface T. A. Malikova. [Trudy] NII osn. no. 49;33-59 '62.

Carrying capacity of a two-layer circular plate. L. I. Poliakov, IU. T. Poliakov, M. A. Rudis. Izv. AN SSSR. Otd. tekh. nauk Mekh i mashinostr. no. 6 163-165 N-D '62

Creep analysis of a thin-walled pipe in the zone of a rigid flange. I. V. Stasenko Izv. vys. ucheb. zav., mashinostr no. 8 104-112 '62.

Cylindrical bending of thin plates. M. IA. Leonov, IU. A. Chernukha. Nauch. zap. IMA AN URSR. Ser. mashinoved. 9 126-140 '62.

Determining membrane stresses due to the weight of liquid and the weight of the shell itself A. G. Sokolov Mat. po met. konstr. no 6;167-176 '62.

Determining stresses in radial sections of the shells of columnar foundations. E. P. Krukov, G. S. Shpiro Transp. stroi. 12 no 11;44-47 N '62.

Dynamic bending of a rigid-plastic cylindrical shell P. A. Kuzin. Izv AN SSSR. Otd. tekh. nauk Mekh. i mashinostr. no. 6;88-94 N-D '62

Korenev, B. G., and E. I. Chernigovskaia. [Calculations for plates on an elastic foundation] Raschet plit na upругom osnovanii, posobie dlia proektirovshchikov. Moskva, Gosstroiizdat, 1962. 354 p.

Loss of stability of a thick square freely-supported plate. I. D. Legenia. Izv. AN SSSR. Otd. tekh. nauk. Mekh. i mashinostr. no. 6;165-166 N-D '62.

Nonsteady-state temperature field and thermoelastic stresses in a plate [with summary in English]. P. I. Khristichenko. Inzh.-fiz. zhur. 5 no. 6, 73-80 Je '62.

Theory of limit equilibrium of shells of revolution under fragmentary-linear plasticity conditions. D. D. Ivlev. Izv. AN SSSR. Otd. tekh. nauk. Mekh. i mashinostr. no. 6, 95-102 N-D '62.

Vsesoiuznaia konferentsiia po teorii plastin i obolochek, 2d, Lvov, 1961. [Proceedings of the Second All-Union Conference on the Theory of Plates and Shells] Trudy Kiev, Izd-vo Akad. nauk USSR, 1962. 581 p. [MICROFILM]

ELASTIC PLATES AND SHELLS—THERMAL PROPERTIES

Thermal analysis of an orthotropous plate considering lateral shifts. S. M. Durgar'ian. Izv. AN SSSR. Otd. tekh. nauk. Mekh. i mashinostr. no. 6, 154-166 N-D '62.

ELASTIC PLATES AND SHELLS—VIBRATION

Forced thermoelastic vibrations in cylindrical and spherical bodies. IA. S. Podstrigach, V. IU. Kiushkevich. Nauch. zap. IMA AN URSR. Ser. mashinoved. 9;80-97 '62.

Natural vibrations of rising cylindrical shells. V. S. Gontkevich Sbor trud Lab gidr. mash AN URSR no. 10 27-37 '62.

ELASTIC RODS AND WIRES

Bending of a rod with cross section circumscribed by two arcs of a circumference. IA. I. Burak. Nauch. zap. IMA AN URSR. Ser. mashinoved. 9;151-156 '62.

Designing steel rods for the joint action of flexure and axial compression. P. V. Nerasov. Trudy GPI [Gruz.] no. 5;81-89 '61.

Shape of a flexible string in the field of centrifugal forces. A. L. Stasenko. Izv. AN SSSR. Otd. tekh. nauk. Mekh. i mashinostr. no. 6;122-124 N-D '62.

The stability of compressed rods the rigidity of which changes according to the power law. S. D. Leites. Mat. po met. konstr. no. 6;13-74 '62.

ELASTIC RODS AND WIRES—VIBRATION

Effect of the length of the suspension of a rod on the frequency of its natural vibrations. M. IA. Leonov, E. D. Vasil'ev. Nauch. zap. IMA AN URSR. Ser. mashinoved. 9;157-160 '62.

ELASTIC SOLIDS

Plane contact problem for an elastic solid of finite width. N. M. Borodachev. Izv. AN SSSR. Otd. tekh. nauk. Mekh. i mashinostr. no. 6;170-172 N-D '62.

ELASTIC SOLIDS—MODELS

Determination of elastic strains of a slightly tenacious medium [with summary in English]. R. A. Muller. Inzh.-fiz. zhur. 5 no. 6;67-72 Je '62.

ELASTICITY

Changes of elastic moduli in the elastic deformation range A S.Drachinskii, V.I Trefilov, Sbor. nauch rab Inst metallofiz AN URSR no 15:179-187 '62.

Elastic reduction of dents caused by microhardness measurements. IU S.Bolarskaia, M. I. Val'kovskaia Izv. vys. ucheb. zav.; fiz. no 5:10-17 '62.

Measurement of the conditionally instantaneous modulus of elasticity in tenacious soils [with summary in English]. G M Lomize, A. M Gutkin, N. V. Zhukov Inzh.-fiz. zhur 5 no. 6 61-65 Je '62.

A nonlinear boundary value problem in the theory of analytic functions involved in certain elastic-plastic problems. G. P. Cherepanov. Dokl. AN SSSR 147 no. 3:566-568 N '62.

ELECTRETS

Electrets from elastic polymers V. E Gul', G A Lushcheikin, V M. Fridkin Kristallografiia 7 no 5 797-799 S-O '62

ELECTRIC APPARATUS AND APPLIANCES—SAFETY MEASURES

Dalidchik, I.D. [Safety regulations for the use of electric equipment in automotive transportation units] Pamiatka po elektrobezopasnosti v avtokhoziaistvakh. Izd. 2., perer. i dop. Moskva, Avtotransizdat, 1961. 45 p. (Tekhnika bezopasnosti na avtotransporte)

ELECTRIC ARC

Conference on the physics of the welding arc. S. L. Uspenskii. Svar. proizv. no. 11:43-44 N '62.

Effect of static characteristics of the arc and of its source on the stability of the flame and the length of the arc. K. K. Khrenov, E. M. Dzibian. Svar. proizv no 5 10-13 My '62.

Independence of the temperature of an a. c high-voltage arc from the composition of the specimen. N. F Trapitsyn, A. V. Veprik, N. A Kaliko Izv. vys. ucheb. zav.; fiz. no. 5:26-28 '62.

ELECTRIC BATTERIES—STANDARDS

Russia (1923- U. S. S. R.) Komitet standartov, mer i izmeritel'nykh priborov. [Accumulators, cells and batteries] Akkumulatory, elementy i batarei. Izd. ofitsial'noe. Moskva, Standartgiz, 1962. 221 p. (SSSR. Gosudarstvennye standarty) [MICROFILM]

ELECTRIC BREAKDOWN see Breakdown, Electric

ELECTRIC CABLES

Concerning the permissible loads of power cables. S. M. Bragin, R IA Fedsenko, M. I. Volkov Elektrichestvo no. 12:70-73 D '62.

Determination of the cross section of 6 to 10 kv. cables with aluminum strands using tables and graphs I A Liberman Energetik 10 no 11 26-27 N '62.

Sobolevskii, A. G. [Wires, cords, and cables] Provoda, shnury, kabeli. Moskva, Gosenergoizdat, 1962. 47 p. (Massovaia radiobiblioteka. Spravochnaia serila, no. 448)

Types of control cables to be manufactured from 1961 to 1965. Vest. elektroprom. 33 no. 12:73-76 D '62.

ELECTRIC CABLES—TESTING

A new method for locating damages in power cables. N P. Lavrent'ev. Energetik 10 no 11:24-25 N '62.

ELECTRIC CIRCUITS

Analytical solution to the equation of transients in the circuit linear resistor - thermistor [with summary in English]. I F. Voloshin Inzh.-fiz zhur 5 no 10 93-96 O '62.

ELECTRIC CONDUCTIVITY

Kinetics of nonequilibrium conductivity at high levels of generation. G. M. Guro, A. V. Rzhanov. Fiz. tver. tela 4 no. 12:3441-3445 D '62.

ELECTRIC CONDUCTORS—STORAGE

Arrangement for conductor storage. K. T. Kolotukhin. Sudostroenie 28 no. 11:58 N '62.

ELECTRIC CONTACTORS

Devices for protecting vibrators from electric current overloads. D. D. Kniazev. Izv. NIIPT no. 9:298-301 '62.

ELECTRIC CONTROLLERS

Increasing the reliability of the performance of type ER-III and ER-T automatic regulators. R I. Ablatipov Energetik 10 no 10 17-19 O '62.

ELECTRIC CRANES

Kamyshev, A. G. [Electric bridge cranes] Mostovye elektricheskie krany, posobie dlia mashinistov. Moskva, Metallurgizdat, 1962. 182 p.

ELECTRIC CURRENT CONVERTERS

Equivalent circuit for connecting a control transformer in the transformer group of a double-bridge rectifier V. A. Merzheevskii. Izv. NIIPT no. 9:108-121 '62.

Measurement of firing and quenching angles in a d. c. power transmission system. T. V. Antonova, A. M Ryvkin. Izv. NIIPT no. 9:63-76 '62.

Measuring transistorized d c converter and its use. N. S Nikolaenko, V. P. Fedotov Priborostroenie no 11 18-20 N '62.

Mutual dependence between the input and output of multiphase converters; without consideration of the duration of switching processes. A V. Posse Izv NIIPT no. 9, 46-62 '62.

Regulation of the ignition interval of an ionic current converter IU. A. Shmain, S. Kh Kharlamov Vest elektroprom. 33 no. 12:44-45 D '62.

ELECTRIC CURRENT RECTIFIERS

The BPT-200 automatic contactless transformer device for reversing rectified current in electrolytic tanks. L. N. Bykov, B. E. Kubyshin, K. A. Lipkovskii. Avtom. i telem. 23 no. 12:1692-1700 D '62

Diffusion of impurity centers in the coating of copper oxide rectifiers. V. I. Kuznetsov, M. I. Shchevelev Izv. vys. ucheb. zav., fiz no. 5, 161-163 '62

Electric current converter with silicon rectifiers for use in electrometallurgical enterprises V. N. Nikonov, A. A. Sakovich. Elektrichestvo no 12:55-59 D '62

Prebreakdown state of selenium rectifiers at various temperatures I. M IAshukova. Izv. vys. ucheb zav., fiz. no. 5, 18-22 '62.

Selenium rectifiers for feeding electromagnetic drives of high-voltage switches V. P Rakovskii, A D Loginov Energetik 10 no. 11 29-32 N '62

Study of the load characteristics of semiconductor power rectifiers. I. S. Efremov, N A. Zagainov, I K Nikol'skii. Elektrichestvo no. 12:59-63 D '62

Temperature of the p-n junction of large germanium rectifiers during the conducting half-cycle Zh. I. Alferov, V. M. Tuchkevich, M K. Trukan. Elektrichestvo no. 12 64-66 D '62.

ELECTRIC CURRENTS

Integral equations for current harmonics on the surface of solids of revolution. V. V Kravtsov. Vest. Mosk. un. Ser. 3: Fiz., astron 17 no. 6:11-19 N-D '62.

ELECTRIC CURRENTS—GROUNDING

Measurement of the resistance of a grounding system. G P Minin. Energetik 10 no. 11 35 N '62

ELECTRIC CURRENTS, EDDY

Eddy currents prevent accidents. A Dorofeev. IUn tekh 7 no 11 26-31 N '62

ELECTRIC CUTOUTS

Bolov, G. V. [Installation of a 500 kv. air switch] Montazh vozdushnogo vykliuchatelia napriazheniem 500 kv. Moskva, Orgenergostroi, 1962. 51 p. (Iz opyta energeticheskogo stroitel'stva)

ELECTRIC DIPOLE MOMENTS see Dipole moments

ELECTRIC DISCHARGES

Concerning the article "Balance of energy in a spark gap with a low-voltage impulse discharge in a liquid dielectric medium." A S. Zingerman, D. A. Kaplan. Vest. elektroprom. 33 no. 12 61-64 D '62.

My reply to A. S. Zingerman and D. A. Kaplan, B. N. Zolotykh. Vest. elektroprom. 33 no. 12, 62-64 D '62.

Relation of the self-absorption of spectral lines to their total intensity and b-values for lines induced in the spark of an electric discharge. I. S. Fishman. Opt. i spektr. 13 no. 5:630-634 N '62.

Some problems concerning the methodology for studying the electrical strength of long air gaps subject to the action of a. c. voltages. N. I. Stepina, A. A. Filippov. Izv. NIIPT no. 9:241-250 '62

ELECTRIC DISCHARGES THROUGH GASES

Effect of an external magnetic field on the development of a pulsed discharge in argon [with summary in English]. S. I. Andreev, M. P. Vanlukov, A. T. Starovoitov. Zhur. eksp. i teor. fiz. 43 no. 5:1616-1618 N '62.

ELECTRIC DRIVING

Approximation method for constructing an angular velocity curve of a motor with independent excitation operation. D B. Nalbandian. Trudy LIIZhT no. 175 66-73 '61.

Determination of losses in the function of the initial and final operating conditions of an electric drive. D. A Leibovich. Elektrichestvo no. 12:66-68 D '62.

System for increasing the rigidity of the mechanical characteristics of d. c. electric drives. S. A. Protanskii, O. I. Kapterova. Vest. elektroprom. 33 no. 12, 67-70 D '62.

ELECTRIC ENGINEERING

[Methodology for solving general electrical engineering problems] Metodika reshenia zadach po obshchei elektrotekhnike. [By] E. G. Atamalian i dr. Pod red. V. K. Ponomarenko. Moskva, Vysshaia shkola, 1962. 167 p. [MICROFILM]

Polivanov, K. M., and others. [Problems of theoretical principles of electrical engineering; theory of networks] Zadachnik po teoreticheskim osnovam elektrotekhniki; teoriia tsepei. [By] G. P. Andreev i dr. Moskva, Gosenergoizdat, 1962. 159 p.

ELECTRIC ENGINEERING—CONGRESSES

Seminar of welders-electric power engineers. N. IA. Turchin. Svar. proizv. no. 11:45 N '62.

ELECTRIC ENGINEERING—EQUIPMENT AND SUPPLIES

Points for trade journals Prom. energ 17 no. 11 31 N '62.

ELECTRIC ENGINEERING—LAWS AND LEGISLATION

Decrees of the Supreme Presidium of the U. S. S. R. Elek. sta. 33 no. 11:2-4 N '62.

ELECTRIC ENGINEERING—SAFETY MEASURES

Protective measures against electric burns. M. P. Grobiyker Energetik 10 no 10 6-7 O '62

ELECTRIC ENGINEERING—STUDY AND TEACHING

Contents and outline of the electric engineering course in secondary general schools. Report No. 1. Contents of the school course in electric engineering. Dokl APN S no. 4 5-8 '62.

Development of the technical thinking of students. M. Kazinik. Prof.-tekh. obr. 19 no. 7 13-15 Jl '62.

Moldavian S. S. R. Ministerstvo prosveshchenila. [Programs for secondary schools with industrial training, radio and electrical engineering] Programmy srednei shkoly s proizvodstvennym obucheniem; elektroradiotekhnicheskie spetsial'nosti. Kishinev, Kartia moldovenaske, 1962. 101 p.

Romanovskii, V. N., and V. N. Sheremkov. [Secondary school production training of electricians; laboratory work] Proizvodstvennoe obuchenie elektrikov v srednei shkole, laboratorno-prakticheskie raboty. Moskva, Izd-vo APN RSFSR, 1962. 124 p. (Biblioteka politekhnicheskogo obuchenila)

ELECTRIC EQUIPMENT INDUSTRY

(see also subdivision under Erivan, Kuybyshev, Zaporozh'ye)

The manufacture of large block units of electrical equipment is an important problem confronting the electric equipment industry. L. B. Slavnyi. Vest. elektroprom. 33 no. 12 1-3 D '62.

Mechanization and automation of the manufacture of SMD-14 electric motors at the "Serp i Molot" plant V. F Krivokobyl'skii, L. M. Karau' Trakt. i sel'khozmash. 31 [i. e. 32] no. 11 38-41 N '62.

ELECTRIC EQUIPMENT INDUSTRY—PRODUCTION STANDARDS see subdivision under White Russia

ELECTRIC FIELDS

Current fluctuations in semiconductors near the nonequilibrium steady state [with summary in English]. V. L. Gurevich. Zhur. eksp. i teor. fiz. 43 no. 5:1711-1721 N '62.

Dipole structure and internal electric fields in $PbZrO_3$. V. N. Liubimov and others. Fiz. tver. tela 4 no 12 3543-3550 D '62.

Dispersion of dielectric permeability in heterogeneous systems. E. M. Trukhan. Fiz. tver. tela 4 no 12:34 5-3511 D '62.

Effect of an electric field on a flame [with summary in English]. A. E. Potapenko, P. P. Kostenko. Inzh. fiz zhur. 5 no. 10:73-76 O '62.

Luminescence and conductance of copper oxide under the action of an electric field applied to the surface. G P Poka, IU. I. Kuzkhanin. Fiz. tver. tela 4 no 12:3518-3025 D '62.

Role of electric fields in paramagnetic resonance. A M Rottsin. Fiz. tver. tela 4 no. 10:2940-2957 O '62

ELECTRIC FIELDS—THERMODYNAMIC PROPERTIES

Thermodynamics of critical phenomena in an electric field. V. A. Zamkov. Vest. Mosk. un. Ser. 3: Fiz., astron 17 no. 6:32-36 N-D '62.

ELECTRIC FISHING

Electric fishing in pond fish farms. M. R. Maizelis, L. M. Nusenbaum. Trudy sov. ikht. kom. no. 14:113-121 '62.

ELECTRIC FREQUENCY MEASUREMENTS see Frequency measurements

ELECTRIC FURNACES

Automatic control of the electrical conditions of steel smelting electric arc furnaces. N. V Okorokov Elektrichestvo no 12:23-27 D '62.

Lining of low-capacity electric arc furnace. N. A. Tits, N. F. Bastrikov. Metallurg 7 no. 12:17-18 D '62.

ELECTRIC FURNACES—DESIGN AND CONSTRUCTION

Gas holes in a rotary furnace for making 90-% ferro-silicon. I. T. Zherdev and others. Izv. vys. ucheb. zav., chern. met. 5 no. 11:70-75 '62.

ELECTRIC FURNACES—EQUIPMENT AND SUPPLIES

Kampo-Nomm, A. A. [A simple universal two-positional isodromic regulator] Universal'nyi i prostoi avtomaticheskii dvukhpozitsionno-izodromnyi regulator, strelgramma lokisii. Leningrad, 1962. 36 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Serila: Pribory i elementy avtomatiki)

ELECTRIC GENERATORS
Problem concerning the building of a model synchronous generator with improved characteristics. I. A. Gordon. Izv. NIIPT no. 9 287-296 '62.
Variations in the voltage of synchronous generators with different excitation systems and suddenly applied loads. K. G. Konoplev. Elektrichestvo no. 12 46-51 D '62.
Wobble-frequency generator. A. S. Ozerova. Trudy TSAO no. 12:84-91 '62.

ELECTRIC HOUSEHOLD APPLIANCES see Household appliances, Electric

ELECTRIC INDUSTRY WORKERS—REWARDS, PRIZES, ETC.
Directive of the Supreme Soviet of the U.S.S.R. bestowing the "Hero of Socialist Labor" title on the workers of the Ministry of the Construction of Electric Power Plants of the U.S.S.R. and other related organizations having distinguished themselves in the construction of thermal electric power plants and manufacture and use of new power engineering systems. Energetik 10 no. 11:5-6 N '62.

ELECTRIC INSTRUMENTS
Device for measuring the roughness of road pavements. F. G. Podlikh. Avt. dor. 25 no. 11 6-8 N '62.
Materials for manufacturing angle of shift limiters for the movable part of electric instruments. G. P. Kantor, M. B. Minis. Priborostroenie no. 11 32 N '62.
Tkalin, L. M., and V. L. Shtrum. [Automation and mechanization in the manufacture of electrical instruments] Mekhanizatsiia i avtomatizatsiia v elektropriborostroenii. Moskva, Gosenergoizdat, 1962. 331 p.

ELECTRIC INSULATORS AND INSULATION
Aging of solid electric insulating materials subject to the action of oxidizing agents contained in transformer insulating oil. M. I. Shakhnovich, R. A. Lipshtein. Vest. elektroprom. 33 no. 12:25-28 D '62.
Cold upsetting of suspension insulator rods. A. A. Ol'shevskii, S. V. Krylov, M. M. Kaetanovich. Elek. sta. 33 no. 11:52-56 N '62.
Concerning some dielectric properties of epoxide insulation. L. K. Dobrer. Vest. elektroprom. 33 no. 12:16-19 D '62.
Discharge voltages of air and line insulation subject to the action of switching surges with simplest form. Iu. M. Gutman, N. I. Stepina, A. A. Filippov. Izv. NIIPT no. 9:251-273 '62.
Dismantling of insulators. A. P. Burkatskii, V. I. Maksimenko. Energetik 10 no. 10 25 O '62.
Insulating rail bond with inserts made with polymer materials. I. K. Filatov, L. I. Stroganova, T. V. Morozova. Vest. TSNII MPS 21 no. 7:58-61 '62.
Methodology for determining the principal mechanical characteristics of the insulation of electrical machines. V. B. Kulakovskii. Elektrichestvo no. 10:27-31 O '62.
Study of the discharge potential of wet insulator chains in the presence of internal overvoltages. V. S. Rashkes. Elek. sta. 33 no. 11 56-62 N '62.
Study of the performance of oil-saturated paper insulation for 110 kv. entrances. A. K. Mann, L. P. Tsepakina. Izv. NIIPT no. 9:221-240 '62.
Use of electric insulating gases in electrical engineering. A. M. Zaleeskii, A. I. Poltev. Vest. elektroprom. 33 no. 12:10-13 D '62.
White opacified glazes containing zirconium for porcelain insulators. I. A. Askova. Stek. i ker. 19 no. 11: 32-35 N '62.

ELECTRIC INSULATORS AND INSULATION—TESTING
Testing of electric motors and insulators. V. M. Khomiakov. Energetik 10 no. 11 36 N '62.

ELECTRIC LAMPS, FLUORESCENT see Fluorescent lamps

ELECTRIC LIGHTING
(see also subdivision under Moscow—Kremlin)
Transistorized photoelectric relay for electric lighting control. B. M. Senchuk. Prom. energ. 17 no. 11: 46-48 N '62.
Volotskoi, N. V. [Fluorescent lamps and diagrams for connecting them to the electrical network] Liuminestsentnye lampy i skhemy ikh vkliuchenila v set'. Moskva, Gosenergoizdat, 1962. 43 p. (Biblioteka elektromontera, no. 68)
[MICROFILM]

ELECTRIC LIGHTING, FLUORESCENT see Fluorescent lighting

ELECTRIC LINES
Delibash, D. A., M. S. Zhivov, and L. E. Trukovskii. [Modern methods for conducting electrical equipment installation operations] Progressivnye metody proizvodstva elektromontazhnykh rabot. Moskva, Gosstroiizdat, 1962. 134 p.
Determination of the cross section of 6 to 10 kv. cables with aluminum strands using tables and graphs. I. A. Liberman. Energetik 10 no. 11:26-27 N '62.
Mechanization of operations in the construction of thermal electric plants and electric transmission lines. N. IA. Turchin. Mekh. stroi. 19 no 12:7-9 D '62.
Use of 35 kv. a. c. cables on d. c. power transmission lines. N. N. Bushikhina. Izv. NIIPT no. 9:122-132 '62.

ELECTRIC LINES—OVERHEAD
(see also subdivision under Russia, Southern)
Anastasiev, P. I., M. M. Zelenetskii, and IU. A. Frolov. [Overhead electric power distribution lines of industrial enterprises] Vozdushnye linii elektroperedachi promyshlennykh predpriiatii. Moskva, Gosenergoizdat, 1962. 279 p.
Belov, G. V. [Installation of a 500 kv. air switch] Montazh vozdushnogo vykliuchatelia napriazheniem 500 kv. Moskva, Orgenergostroi, 1962. 51 p. (Iz opyta energeticheskogo stroitel'stva)
Budzko, I. A., and V. N. Stepanov. [Electric lines and power distribution networks in rural areas] Elektricheskie linii i seti sel'skokhoziaistvennogo naznacheniia. Izd. 2., ispr. i dop. Moskva, Sel'khozizdat, 1962. 382 p.
Changes and additions to chapter II-1 "Overhead electric power transmission lines with voltages up to 110 kv." of the "Safety engineering regulations for operating and servicing electrical systems of industrial enterprises." Prom. energ. 17 no. 11 48-54 N '62.
Cold upsetting of suspension insulator rods. A. A. Ol'shevskii, S. V. Krylov, M. M. Kaetanovich. Elek. sta. 33 no. 11:52-56 N '62.
Comparative measurements of radio interference generated by an experimental overhead power transmission line carrying d. c. and a. c. power. L. S. Perel'man, A. S. Sokhranskii. Izv. NIIPT no. 9:133-143 '62.
Concerning some laws governing the development of a discharge potential across a suspension insulator during a rain. N. N. Tikhodeev. Izv. NIIPT no. 9:192-210
Design of 6 to 10 kv. power transmission lines with aluminum and steel wires and minimum power loss as criteria. V. I. Kriventsev. Izv. vys. ucheb. zav.; energ. 5 no. 11:30-35 N '62.
Determination of the stress at the lowest point of the sag curve of a wire using a given stress at the point of suspension. F. P. Matveev. Elek. sta. 33 no. 11:37-42 N '62.
Dutkin, G. S. [Control of line equipment and increase in the quality of work in improving the assembly of overhead power transmission lines] Kontrol' lineinoi armatury i povyshenie kachestva montazha provodov linii elektroperedachi. Moskva, Orgenergostroi, 1962. 87 p. (Iz opyta energeticheskogo stroitel'stva)
Experience in using suspension insulators with semiconductive glazing in areas with heavy industrial air pollution. N. M. Solomonov. Izv. NIIPT no. 9:211-220 '62.
[Handbook on high-voltage power distribution networks] Spravochnik po elektricheskim setiam vysokogo napriazheniia. [By] S. V. Alekseev i dr. Izd. 4., perer. i dop. Pod obshchei red. M. V. Khomiakova i I. A. Baumshteina. Moskva, Gosenergoizdat, 1962. 559 p.
Laboratory studies of the discharge characteristics of soiled insulators. L. V. Korbut, S. D. Markhalev, G. S. Stankevich. Izv. NIIPT no. 9:167-181 '62.
Measurement of the grounding resistance of power line poles without disconnecting the guard wire. N. V. Muravleva, S. M. Popov. Elek. sta. 33 no. 11:68-72 N '62.
One-stage remote protection system using transistors. V. V. Kochetov, A. I. Levitush, E. D. Sapir. Elek. sta. 33 no. 11:75-80 N '62.
Some problems concerning the prediction of expenditures on the construction of future high-voltage power transmission lines. I. K. Kashkovskii. Elektrichestvo no. 10:9-16 O '62.
Study of the discharge potential of wet insulator chains in the presence of internal overvoltages. V. S. Rashkes. Elek. sta. 33 no. 11:56-62 N '62.
Tuned electric power transmission lines. A. A. Krukov, T. B. Zaslavskaia. Elektrichestvo no. 10 90-91 O '62.
Use of 35 kv. a. c. cables on d. c. power transmission lines. N. N. Bushikhina. Izv. NIIPT no. 9:122-132 '62.

ELECTRIC LINES—POLES AND TOWERS
Construction of the precast pile foundations of stationary contact network poles on the slopes of the embankment. A. A. Orel. Transp. stroi. 12 no. 10 15-16 O '62.
A line lock. IU. Dement'ev. Tekh. v sel'khoz. 22 no. 10:42 O '62.
Manufacture of the loops of reinforcement frameworks for contact network poles. I. S. Vol'skii. Transp. stroi. 12 no. 10:52-54 O '62.

ELECTRIC LINES—WELDING
Practice of welding electric lines by means of thermit charges. I. A. Iakobson. Elek. sta. 33 no. 11:63-67 N '62.

ELECTRIC LOCOMOTIVES
Calculation of voltage stages of the power transformers of rectifier locomotives. L. V. Glukhov. [Trudy] LIIZHT no. 193 93-96 '62.
Choice of the parameters of shock absorbers for electric locomotives with a dual resilient suspension system. I. M. Popov. [Trudy] LIIZHT no. 193.129-134 '62.
Effect of the use of different types of a. c. locomotives on the technical and economic indices of the power supply system of an electric railroad. E. P. Seleditsev. [Trudy] LIIZHT no. 193:229-236 '62.
Experience in operating a. c. locomotives [illegible] ev. [Trudy] LIIZHT no. 193-36-40 '62.
Main line electric locomotive with a synchronous motor and hydraulic transmission. D. M. Lupkin and others. [Trudy] LIIZHT no. 193 77-92 '62.
Measures against overvoltages on N60 electric locomotives. K. B. Aleksandrov. [Trudy] LIIZHT no. 193 41-47 '62.
Modern concepts of the physical operating features of traction motors subject to the action of a pulsating current. [Trudy] LIIZHT no. 193 97-113 '62.
New a. c. locomotives. V. IA. Sverdlov. [Trudy] LIIZHT no. 193 18-25 '62.
Operational features of a. c. locomotives. D. D. Zakharchenko. [Trudy] LIIZHT no. 193 58-76 '62.
Savos'kin, A. N. [Spring suspensions of electric locomotives] Ressornoe podveshivanie elektrovozov. Moskva, Transzheldorizdat, 1962. 53 p. (Bibliotechka mashinista elektrovoza)
Transient processes in the power networks of a. c. locomotives. G. A. Ansberg. [Trudy] LIIZHT no. 193 48-57 '62.
Voltage conditions on the collector of a traction motor of a rectifier locomotive. IU. G. Tarasov. [Trudy] LIIZHT no. 193 114-122 '62.

ELECTRIC LOCOMOTIVES—MAINTENANCE AND REPAIR
Makarevich, V. S., and others. [Detection and elimination of faults in VL22M electric locomotives] Obnaruzhenie i ustranenie neisprayvnostei na elektrovozakh VL22M. Moskva, Transzheldorizdat, 1962. 127 p.

ELECTRIC LOCOMOTIVES—SAFETY APPLIANCES
Analysis of electromechanical processes in the operation of antislipping devices. E. R. Doroshin. Vest. TSNII MPS 21 no. 7 11-16 '62.

ELECTRIC MACHINERY
Designing triode control circuits of pulse amplifiers for automatic control systems of electric machinery. T. A. Glazenko. Izv. vys. ucheb. zav.; pribor. 5 no. 6 43-54 '62.
Methodology for determining the principal mechanical characteristics of the insulation of electrical machines. V. B. Kulakovskii. Elektrichestvo no. 10:27-31 O '62.
Russia (1923- U. S. S. R.) Glavnoe energeticheskoe upravlenie. Regulations for the installation of electrical systems; Chapter V-1: Electrical machinery rooms; chapter V-2, Electric generators and synchronous compensators; chapter V-3: Electric motors and start-regulating apparatus, chapter V-6: Condenser systems] Pravila ustroistva elektroustanovok; glava V-1. Elektromashinnye pomeshcheniia; glava V-2. Generatory i sinkhronnye kompensatory; Glava V-3. Elektrovigateli i puskoreguliruiushchie apparaty, glava V-6: Kondensatornye ustanovki. Moskva, Gosenergoizdat, 1961. 38 p.
Study of a generator-motor system with an exciter and amplidyne. F. G. Patrunov, V. A. Sviatoslavskii, L. V. Mazlia. Vest. elektroprom. 33 no. 12 36-40 D '62.

ELECTRIC MACHINERY—ALTERNATING CURRENT
Methodology for determining the frequency characteristics of an a. c. machine. M. P. Kostenko and others. Elektrichestvo no. 12:1-7 D '62.

ELECTRIC MACHINERY—ELECTROMECHANICAL ANALOGIES
Simulation of a magnetization curve using an electronic model. V. G. Vasil'ev, V. P. Lomakin, L. E. Timanovskaia. Elektrichestvo no. 12:15-18 D '62.

ELECTRIC MACHINERY—LUBRICATION
Standardization of consistent lubricants for electric machinery. M. V. Prokhorov. Standartizatsiia 26 no. 12 25-27 D '62.

ELECTRIC MACHINERY—SAFETY APPLIANCES
Explosion-protected electrical equipment for explosion hazardous processes in the chemical industry. I. I. Rakovich. Zhur. VKHO 7 no. 6 619-625 '62.

ELECTRIC MACHINERY, SYNCHRONOUS
Equipment for measuring the angle of a synchronous machine [with summary in English]. N. I. Voropaev, N. A. Druzhinina. Izv. TSKIA no. 4:233-235 '62.
Kasharskii, E. G., R. Kh. Safiullina, and I. D. Urusov. [Theoretical and methodological problems concerning the design of a series of large synchronous machines] Nauchno-metodicheskie voprosy sozdaniia serii krupnykh sinkhronnykh mashin. Pod red. I. D. Urusova. Moskva, Izd-vo Akad. nauk SSSR, 1962. 153 p.
Mechanical rocking of a synchronous machine during its operation with series connected condensers. A. T. Golovan, Chzhan Chan-shen [Chang Ch'ang-shên]. Elektrichestvo no. 10:32-36 O '62.
Relative characteristics and comparative properties of a synchronous reactive machine. V. M. Kutsevalov. Elektrichestvo no. 10:52-56 O '62.

ELECTRIC MEASUREMENTS
Effectiveness of electric forces in polarized filtering materials. O. A. Minzdrikov. Izv. vys. ucheb. zav., prib. 5 no. 6:31-34 '62.

Equipment for measuring the angle of a synchronous machine [with summary in English] N.I Voropaev, N.A.Druzhinina. Izv. VNIIA no.4 233-236 '62

Errors of oscillographic recording of short-circuit currents using a differentiating transformer and an integrating galvanometer IU M Filkind Elektrichestvo no.12,40-45 D '62

Krotkov, I.N. [New equipment and techniques for precise measurement of inductance, resistance, and capacitance, author's abstract to his dissertation for the degree of doctor of technical sciences] Novye metody i apparatura dlia tochnykh izmerenii induktivnosti, soprotivleniia i emkosti, avtoreferat dissertatsii na soiskanie uchenoi stepeni doktora tekhnicheskikh nauk Leningrad, Leningradskii politekhnicheskii in-t im M I Kalinina, 1961 26 p

Magarshak, B.G. [Electrical measurements] Elektricheskie izmereniia Izd 2, dop i perer Leningrad, Sudpromgiz, 1962 338 p

Measurement and conversion of current, voltage, and power using low-inertia indirectly heated resistors V.S Popov Elektrichestvo no.12 17-22 D '62

Measurement of the ratio of two voltages K.B.Karandeev, G.A. Shtamberger Elektrichestvo no.12 7-10 D '62

Measurement of the resistance of a grounding system. G.P Minin Energetik 10 no.11 35 N '62

Measuring the dielectric losses of insulating oils M.V. Khomiakov. Energetik 10 no.10 34-36 O '62

Method for noncontact measurements of wire resistances during automatic winding. V.Z.Feigel's Izv.vys. ucheb.zav., prib 5 no.6:12-16 '62

ELECTRIC METAL CUTTING

Effect of gas-arc cutting on the properties of aluminum alloys. A.S.Chesnokov, IU P.Kuz'min. Svar.proizv. no.12:25-28 D '62.

Gas-arc cutting of the AMg6 alloy. K.V.Vasil'ev and others. Svar.proizv. no.12 23-25 D '62.

Plasma arc gun with water stabilization of the arc. K.Mikloshi Svar.proizv no.11:23-26 N '62.

ELECTRIC METAL CUTTING—EQUIPMENT AND SUPPLIES

Attachment to the GRAD-400torch for argon-arc shielded arc cutting. A.Z.Glebov Svar.proizv. no.12 28-29 D '62.

ELECTRIC METAL CUTTING—HYGIENIC ASPECTS

Ventilation during oxygen and arc cutting of high-manganese steel, aluminum, and titanium alloys. O.N. Timofeeva. Svar.proizv. no.12:40-42 D '62.

ELECTRIC METERS

Polarity indicating device. V.Chekanov. Radio no.11:60 N '62.

ELECTRIC MOMENTS

On the theory of second-order phase transition from the ferromagnetic state to the ferromagnetic and ferroelectric states. G.M.Nedlin. Fiz.tver.tela 4 no.12: 3568-3574 D '62.

ELECTRIC MOTORS

Determination of losses in the function of the initial and final operating conditions of an electric drive E.A Leibovich. Elektrichestvo no.12:66-68 D '62

Mechanization and automation of the manufacture of SMD-14 electric motors at the "Serp i Molot" plant. V.F.Krivokobyl'skii, L.M.Karas'. Trakt.i sel'khozmash. 31 [i.e 32] no.11 38-41 N '62.

New MT-MTK 00-700 electric motors for cranes and metallurgical plants Prom energ 17 no 11 63-64 N '62.

Stepping motors in program control systems. V.G. Zusman, V.A.Ratmirov. Elektrichestvo no.10 37-47 O '62.

ELECTRIC MOTORS—LUBRICATION

Change of consistent lubricants in the ball bearing assemblies of electric motors. G.IA.Shkil'ko. Energetik 10 no.10:30-33 O '62.

ELECTRIC MOTORS—MAINTENANCE AND REPAIR

Device for dismantling and installation of the electric motors of cooling tower fans of car-mounted electric power plants V K Zhuravlev Energetik 10 no.10: 26-27 O '62

ELECTRIC MOTORS—TESTING

Testing of electric motors and insulators. V.M.Khomiakov Energetik 10 no.11:36 N '62.

Testing of the heating of overhauled electric motors. IU.P Kuiakov. Prom energ 17 no 11:22-25 N '62.

ELECTRIC MOTORS—WELDING

Welding armature bodies for large electric motors. N.M.Voropai, V.P.Osichev, G.M.Rusakov. Svar. proizv. no.11:33-31 N '62.

ELECTRIC MOTORS, INDUCTION

Analytic determination of asynchronous braking moments due to higher harmonic fields of the magnetomotive force of low-power asynchronous motors. V.V. Meshcheriakov. Izv.vys.ucheb.zav., mashinostr. no.8 118-126 '62.

Demonstration apparatus for the operating principle of a three-phase asynchronous electric motor. V.Antopol'skii. Prof.-tekh.obr. 19 no.8 24 Ag '62.

Improving the use of asynchronous short-circuited electric motors with use of frequency speed regulation K.P Kotlikov Sudostroenie 28 no 11 11-12 N '62

Investigating the motor of the new submerged electric pump A.L Belousov Izv.vys.ucheb.zav., mashinostr no 8 113-117 '62

Possibilities of an asynchronous motor with frequency control IU P Petrov Sudostroenie no 11 38-40 N '62

Pulse control of the angular velocity of an asynchronous motor N.I Ardatskii. [Trudy] LIIZHT no 103 123-128 '62.

Regulation of the angular velocity of an asynchronous motor using in opposition connected magnetic amplifiers in the rotor circuit. S.IA. Dunaevskii, N.B. IAkobson Elektrichestvo no.12,51-55 D '62

Some problems in starting a mine hoist with an asynchronous motor. N.G.Pereslegin. Nauch.trudy MGI no 23 111-168 '58.

Two-engine drive on mine hoists with an asynchronous motor. O.A.Zalesov. Nauch.trudy MGI no.23 117-140 '58.

Two-speed vertical-shaft asynchronous motors. Z.B Neiman. Vest.elektropr.prom 33 no.12:40-43 D '62.

ELECTRIC MOTORS, INDUCTION—STANDARDS

Three-phase asynchronous motors. P.I.Bushin. Standartizatsiia 26 no.12 36 D '62.

ELECTRIC NETWORK ANALYZERS

Determination of the operating conditions of electrical systems limited according to self-induced rocking using an a.c. network analyzer. M.L.Levinshtein, O.V.Shcherbachev. Elektrichestvo no.10 16-20 O '62

ELECTRIC NETWORKS

Concerning the order of the differential equation of a transient process in a complex electrical network. A.E.Kaplianskii, S.G.Ginzburg. Elektrichestvo no.10 57-59 O '62.

Conditions for the appearance of voltage resonance at all harmonics in a nonlinear circuit. A.G Guz' Elektrichestvo no.10 55-57 O '62.

Determination of the operating conditions of electrical systems limited according to self-induced rocking using an a.c. network analyzer. M.L.Levinshtein, O.V.Shcherbachev. Elektrichestvo no.10 16-20 O '62

Errors of oscillographic recording of short-circuit currents using a differentiating transformer and an integrating galvanometer. IU M Filkind Elektrichestvo no.12:40-45 D '62.

An improved method for calculating multiterminal networks using matrices. P.A Ionkin, A.A Sokolov. Elektrichestvo no.12:38-40 D '62

Kaller, M.IA. [Electric networks] Teoriia elektricheskikh tsepei, Izd.2., perer. i dop. Moskva, Transzheldorizdat, 1962. 494 p.

Minimizing losses of active power in electric networks. V.S. Khachatrian. Izv.AN Arm.SSR, Ser tekh.nauk 15 no.5:33-12 '62.

Networks for sequential binary multiplication and division using ferrite elements. IU.A.Makhmudov, R.IU.Dagkesamanskaia. Trudy Vych.tsentra AN Azerb.SSR 1 83-95 '62.

Polivanov, K.M., and others. [Problems of theoretical principles of electrical engineering, theory of networks] Zadachnik po teoreticheskim osnovam elektrotekhniki, teoriia tsepei. [By] G.P.Andreev i dr. Moskva, Gosenergoizdat, 1962. 159 p.

Presentation of networks with complex damages using a single-phase network analyzer. G.G Kostanian Izv. vys.ucheb.zav.,energ. 5 no.11:18-23 N '62.

Problem concerning the calculation of steady-state conditions in electrical networks with condensers. I.A. Fadeeva, G.E.Pospelov. Izv.vys.ucheb.zav.,energ 5 no.11:121-122 N '62.

Pulsation and voltage drop in m-phase rectifier-condenser voltage multiplication circuits. G.I.Kitaev. Izv. vys.ucheb.zav.,energ. 5 no.11:36-45 N '62.

Simulation of a magnetization curve using an electronic model. V.G.Vasil'ev, V.P.Lomakin, L.E Timanovskaia. Elektrichestvo no.12:15-18 D '62

Solution of integral equations for nonlinear networks derived by the use of an operator method. M.M. Ginzburg. Elektrichestvo no.12:28-33 D '62.

Switching circuit reliability [with summary in English]. A.Sh.Blokh. Avtom.i telem. 23 no.12:1662-1668 D '62.

ELECTRIC OSCILLATORS see Oscillators, Electric

ELECTRIC POWER

Brief reports. Prom.energ. 17 no.11:57-58 N '62.

[Electric power production and utilization in foreign countries; supplement to the periodical "Elektricheskie stantsii"] Energokhoz.za rub. no.3 My-Je '62.

Power engineering at the 45th Anniversary of the Great October Revolution. Energetik 10 no.11: 1-4 N '62.

Results of the Seventeenth All-Union Competition on the Best Suggestions for Saving Thermal and Electric Power. Prom.energ. 17 no 11:54-57 N '62

Study of the heat of glowing coke. A.Ia Notych Energ 17 no.11 3-9 N '62

ELECTRIC POWER DISTRIBUTION
(see also subdivision under Moscow—Kievskii, Russia, Southern)

Anastasiev, P.I., M.M.Zelenetskii, and IU A. [illegible]. [Overhead electric power distribution lines of industrial enterprises] Vozdushnye linii elektroperedach promyshlennykh predpriatii. Moskva, Gosenergoizdat, 1962. 279 p.

Automatic control and stability during parallel operation of the generators of an electric power plant feeding a.c. and d.c. power transmission lines. M.P. Kostenko and others. Elektrichestvo no.10, 1-8 O '62.

Barzam, A.B. [Student designing of relay protection and automatic control in electric power networks] Uchebnoe proektirovanie releinoi zashchity i avtomatiki energeticheskikh sistem Moskva, Gosenergoizdat, 1962. 191 p.

Budzko, I.A., and V.N.Stepanov. [Electric light and power distribution networks in rural areas] Elektricheskie linii i seti sel'skokhoziaistvennogo naznacheniia. Izd.2., ispr.i dop. Moskva, Sel'khozizdat, 1962. 382 p.

Calculation of the degree of capacitive nonsymmetry of a 35 kv. network and transposition of lines and busbars of substations. B.I.Kozyrev. Elektrichestvo no.11 48-52 N '62.

Concerning some superfluities in the design of power distribution systems D.G Meier Elektrichestvo no.11 27-28 N '62

Concerning the permissible loads of power cables. [illegible] Bragin, R.IA. Fedenko, M.I. Volkov. Elektrichestvo no.12:70-73 D '62

Concerning the voltage of a supply source for industrial enterprises. M.V Gretchikh. Elektrichestvo no.12 76-79 D '62.

Degree of the decrease in the power factor of an electrical connection when using automatic regulating transformers of various designs. A.V.Shkitov Izv.vys. ucheb.zav.,energ. 5 no.11:10-17 N '62.

Design of 6 to 10 kv. power transmission lines with aluminum and steel wires and minimum power loss criteria. V.I.Kuliventsev. Izv.vys.ucheb.zav.,energ. 5 no.11:30-35 N '62.

Determination of I2R losses in a three-phase a.c. line with an equally distributed load along the length. [illegible] Sheldin Prom.energ 17 no.11 29-36 N '62

Discharge voltages of air and line insulation under the action of switching surges with simplest form. IU.M.Gutman, N.I.Stepina, A.A.Filippov. [illegible] no.9,251-274 '62.

[Establishment of the consolidated electric power distribution system] Za sozdanie edinoi energeticheskoi sistemy; materialy seminara. Moskva, Gosenergoizdat, 1961. 102 p. (Iz opyta energeticheskogo stroitel'stva)

The fourth scientific and technical session on the [illegible] electric power distribution networks. A.I [illegible] Elektrichestvo no.12,66-67 D '62.

Fundamental principles of optimum load distribution and supply of electric power with consideration [illegible] D.O Seifulla. Trudy MEI no 35 215-242 '60

Internal overvoltage levels in 110 and 220 kv. [illegible] power distribution networks. D.V. Antonets and others. Elek.sta. 33 no.11:43-48 N '62.

Measures undertaken for accelerating the [illegible] turbogenerators to operation as synchronous compensators. M.V.Romanenko. Elek.sta. 33 no.11 [illegible] 86 N '62

Practical criteria for determining the steady-state stability of electric power systems. V.A. Venikov, [illegible] Khairkhanian. Elektrichestvo no.12:11-14 D '62

Prevention of nonsynchronized starts in case of [illegible] synchronization V D. Vabel', I. K Kozminskii Energetik 10 no 10,19-21 O '62

Prohibition of the installation of a short-circuiting device in the operational area of the differential protection system. D.I.Kotelovskii. Elek.sta. 33 no.11:87 N '62.

Quality of electric power and voltage regulation in municipal electric power distribution networks. I. [illegible] Benamertnyi. Elektrichestvo no.10:21-25 O '62.

Regulations for the installation of electrical [illegible] A.L. Faerman Prom.energ. 17 no. 11 26-34 [illegible] '62.

Russia (1923- U.S.S.R.) Glavnoe energeticheskoe upravlenie. [Regulations for operating electrical networks and power plants] Pravila tekhnicheskoi eksploatatsii elektricheskikh stantsii i setei [i.e.] Rezanovo perer. Moskva, Gosenergoizdat, 1963. 104 p.

Russia (1923- U.S.S.R.) Glavnoe energeticheskoe upravlenie. [Regulations for the installation of electrical systems: Chapter IV-3: Converter substations; chapter IV-4: Storage battery systems] Pravila ustroistva elektroustanovok; glava IV-3 Preobrazovatel'nye podstantsii; glava IV-4: Akkumuliatornye ustanovki. Moskva, Gosenergoizdat, 1961. 19 p.

Russia (1923- U.S.S.R.) Glavnoe energeticheskoe upravlenie. [Regulations for the installation of electrical systems: Chapter V-1. Electrical machinery rooms, chapter V-2: Electric generators and synchronous compensators; chapter V-3 Electric motors and start regulating apparatus, chapter V-6 Condenser systems] Pravila ustroistva elektroustanovok, glava V-1 Elektromashinnye pomeshchenita, glava V-2 Generatory i sinkhronnye kompensatory, Glava V-3 Elektrodvigateli i puskoregulirovochnie apparaty,, glava V-6 Kondensatornye ustanovki. Moskva, Gosenergoizdat, 1961. 36 p.

Some problems concerning the methodology for studying the electrical strength of long air gaps subject to the action of a.c. voltages. N.I Stepina, A.A. Filippov Izv. NIIPT no. 9:241-250 '62

Special features of the calculation of a three-phase line using the track circuit as one of the conductors N.P Gusev [Trudy] LIIZHT no 193 202-211 '62

A three-phase 100 kv -a. power stabilizing system for supplying electric power consumers from a contact network carrying single-phase current A.P Vanukov. [Trudy] LIIZHT no. 193 151-177 '62

Three-phase short-circuiting of a synchronous generator with variation in the phase of phase short-circuiting I.A. Gordan, Izv. NIIPT no. 9:274-286 '62.

Tuned electric power transmission lines. A.A. Kulikov, T.B. Zaslavskaia. Elektrichestvo no 10:80-81 O '62.

Use of connectors in the erection of droppers between bus disconnectors and 110 kv bus systems. A.K. Shishebarov, S.A. Flaksman. Energetik 10 no 10 33-34 O '62.

Variations in the voltage of synchronous generators with different excitation systems and suddenly applied loads K.G. Konoplev. Elektrichestvo no 12 46-51 D '62

ELECTRIC POWER DISTRIBUTION—COMMUNICATION SYSTEMS

Communication equipment should be better utilized. A. Pilipchuk. Tekh. v sel'khoz. 22 no 10 41-42 O '62.

ELECTRIC POWER DISTRIBUTION—DIRECT CURRENT

A composite electric current regulator for the d.c. power transmission system between Volgograd and the Donets Basin. E.M. Berlin, M.G. Zavarina Izv. NIIPT no. 9:85-107 '62.

Measurement of firing and quenching angles in a d.c. power transmission system. T.V Antonova, A.M Ilyukin. Izv. NIIPT no 9:63-70 '62.

ELECTRIC POWER DISTRIBUTION—EQUIPMENT AND SUPPLIES

Automatic reclosing and reserve power insertion systems for transformers and bus conductor switches. V.S. Potekkii Energetik 10 no 10 21-23 O '62

ELECTRIC POWER DISTRIBUTION—HANDBOOKS, MANUALS, ETC.

[Handbook on high-voltage power distribution networks] Spravochnik po elektricheskim setiam vysokogo napriazhenita. [By] S.V. Alekseev i dr. Izd.4., perer. i dop. Pod obshchei red. M.V. Khomiakova i L.A. Baumshteina. Moskva, Gosenergoizdat, 1962. 560 p.

ELECTRIC POWER DISTRIBUTION—SAFETY MEASURES

Problem concerning the prevention of injuries in electrical systems with voltages up to 1,000 volts. G.V Vosvodin Prom energ 17 no 11 12-14 N '62.

ELECTRIC POWER DISTRIBUTION—SAFETY REGULATIONS

Changes and additions to chapter II-1 "Overhead electric power transmission lines with voltages up to 110 kv." of the "Safety engineering regulations for operating and servicing electrical systems of industrial enterprises." Prom energ 17 no 11:48-54 N '62.

ELECTRIC POWER PLANTS

(see also subdivision under Bereza; Polotsk; Sevastopol; United States; Zmiyev)

Automation of a slime pumping system. A.V. Shchegolev, Iu.N. Chekhovoi. Elek.sta. 33 no.11:30-32 N '62.

Concerning S.E. Shiteman's article "Methodology of accounting for and standardizing the engineering and economic indices of thermal electric power plants," V.N. Gusev, L.L. Telegin, N.S. Vasiliev. Elek.sta. 33 no.11:80-82 N '62.

Conference on the modernization of power machinery and use of 150-200 Mw. blocks. V.P. Trachuk. Elek.sta. 33 no.11:93-94 N '62.

Experience in operating two consolidated electric power plants. D.I. Zhernakov. Elek.sta. 33 no.11:86 N '62.

Increase the role of permanently scheduled production conferences. V.V. Iakovlev. Energetik 10 no 11:33-34 N '62.

Katsnel'son, V.B., and V.A. Rylov. [Experience in the automation of the turbine departments of electric power plants] Opyt avtomatizatsii turbinnykh tsekhov elektrostantsii. Moskva, Biuro tekhn. informatsii, 1961 25 p.

[MICROFILM]

Mechanization of operations in the construction of thermal electric plants and electric transmission lines N.IA Turchin Mekh stroi. 18 no 12:7-9 D '62

Power limit of condensing power plant as dirt accumulates in the air reservoir. V.G. Zhilin Elek.sta. 33 no.11:20-27 N '62

Rikhter, L.A. [Draft and blast in thermal electric power plants] Tiaga i dut'e na teplovykh elektrostantsiakh Moskva, Gosenergoizdat, 1962. 199 p.

Russia (1923- U.S.S.R.) Glavnoe energeticheskoe upravlenie. [Regulations for operating electrical networks and power plants] Pravila tekhnicheskoi ekspluatatsii elektricheskikh stantsii i setei. Izd 9., zanovo perer. Moskva, Gosenergoizdat, 1962. 198 p.

Silver traps in a coal pulverizing system. R.A Bolobanenko Energetik 10 no 11:17-18 N '62

Special operating features of small heat-power turbine in wide operating range S.F Postarnak Trudy TSNII MPS no 241 161-181 '62

Specialization of building organizations in power-station construction. I.T. Senchenko and others. Prom.stroi no. 10 21-27 '62

Testing of the first-running model of a 100/800 (Sh-50) ball mill. P.A. Maslovskii, K.IA. Polferov. Elek.sta. 33 no.11:5-11 N '62.

ELECTRIC POWER PLANTS—EQUIPMENT AND SUPPLIES

Device for dismantling and installation of the electric motors of cooling tower fans of car-mounted electric power plants V.K Zhuravlev Energetik 10 no 10 26-27 O '62

Increase in the life of a hose-type cable feeding mobile fuel supply machines S.A. Mandrykin Energetik 10 no. 11 22-24 N '62

Two-speed vertical-shaft asynchronous motors Z.B. Neiman. Vest. elektroprom. 33 no. 12 40-43 D '62

ELECTRIC POWER PLANTS—LOAD

Distribution within months of the generation of electric power by hydroelectric power stations with seasonal adjustment A.N. Zlatopol'skii. Gidr stroi 33 no 10 43-11 O '62

ELECTRIC POWER PLANTS—MANAGEMENT

Administrative structure and personnel of thermal electric power plants B.O Loshak Energetik 10 no 11:7-10 N '62

ELECTRIC POWER PLANTS—WATER SUPPLY

Connection of water circulation pipelines to an operational water-pipe system without interruption of its operation. IA.I. Kruglikov. Elek.sta. 33 no.11 86 N '62.

Redesigning of the sprinklers of a pelticular water cooling tower V.I Gorbenko Energetik 10 no 11:15-17 N '62

ELECTRIC POWER PRODUCTION

From abroad. Prom. energ. 17 no. 11:56 N '62

Gutovskii, V.N. [Contributions of science to power engineering] Nauka - energetike. Moskva, Izd-vo "Znanie," 1962. 38 p. (Novoe v zhizni, nauke, tekhnike. X Serita: Molodezhnaia, no. 23)

Problems concerning the generation of electric power with increased frequency. S.Z. Barskii, N.N Sheremet'evskii. Vest. elektroprom 33 no. 12 54-60 D '62.

ELECTRIC POWER SUPPLY TO APPARATUS

Dodik, S.D. [Transistorized d.c. voltage and current regulators] Poluprovodnikovye stabilizatory postoiannogo napriazhenita i toka. Moskva, Izd-vo "Sovetskoe radio," 1962. 352 p.

ELECTRIC PROSPECTING

Basic results of using a combination of methods in searching for underground waters for watering pastures in the Syrian Desert B.V Astrobov, V.P Prokekhin Geofiz razved. no 10:48-65 '62.

Geophysical studies in hydrogeological investigations of ancient valleys in central Kazakhstan. I.P. Benovolenskii, V.P. Vydrin. Mat. po geol. i pol. iskop. TSentr. Kazakh. no. 2:60-84 '62.

ELECTRIC PROTECTION

Barzam, A.B. [Student designing of relay protection and automatic control in electric power networks] Uchebnoe proektirovanie releinoi zashchity i avtomatiki energeticheskikh sistem. Moskva, Gosenergoizdat, 1962. 191 p.

Devices for protecting vibrators from electric current overloads. D.D. Kniazev. Izv. NIIPT no. 9:298-301 '62.

Electrical protection units. Energetik 10 no. 11:30 N '62

Faults in the protective networks of step-down transformers. V.D Vebel' Prom energ. 17 no 11:59 N '62.

One-stage remote protection system using transistors. V.V. Kochetov, A.I. Levkush, E.D. Sapir. Elek.sta. 33 no.11:75-80 N '62.

Prohibition of the installation of a short-circuiting device in the operational area of the differential protection system. D.I. Kotsilovskii. Elek.sta. 33 no.11:87 N '62.

ELECTRIC RAILROADS

A.C. electric trains M.T Glushkov [Trudy] LIIZHT no 193 26-35 '62

Birznieks, Laimons. [A.C. electric railroads] Maiņstrāvas elektriskie dzelzceli. Riga, Latvijas PSR Zinatnu akademijas Izdevnieciba, 1962. 66 p. [In Latvian]

Eliminate the defects which hinder the introduction of remote control. V.P. Luppov. Transp stroi 12 no 11:53-54 N '62

Technical and economic efficiency of the various systems of connecting a.c. and d.c. electric traction A.V Izosimov, V.B Lapin Vest. TSNII MPS 21 no.7 3-7 '62

ELECTRIC RAILROADS—CURRENT SUPPLY

(see also subdivision under Siberia, Eastern)

Determination of maximum loads of the traction substations of electric railroads. S.E Kuzin [Trudy] LIIZHT no 193 178-201 '62

Effect of the use of different types of a.c. locomotives on the technical and economic indices of the power supply system of an electric railroad E.P. Scheidtsov [Trudy] LIIZHT no 193 229-235 '62

Moscow. Vsesoiuznyi zaochnyi institut inzhenerov zheleznodorozhnogo transporta. [Stray currents on d.c. railroads] Bluzhdaiushchie toki na elektricheskikh zheleznykh dorogakh postoiannogo toka, uchebnoe posobie po distsipline "Energosnabzhenie elektricheskikh zheleznykh dorog" dlia studentov V i VI kursov spetsial'nosti "Elektrifikatsiia zheleznodorozhnogo transporta." Moskva, 1962.

Nonsymmetry of the loads of an a.c. traction substation and possibilities of limiting it by means of parallel transverse capacitive compensation of the reactive power. IU.S Kraichik. Izv NIIPT no. 9:144-156 '62

Overall automation and remote control of 35 to 110 kv. traction network substations N.S. Shaballin Elektrichestvo no. 10:80-83 O '62

Protection of the power supply systems of a.c. railroads from lightning strokes K.B Aleksandrov [Trudy] LIIZHT no 193 212-228 '62

Simplified methodology for selecting the power rating of traction transformers according to insulation wear. V.P. Brailov. Elektrichestvo no. 10:47-52 O '62.

Special features of the calculation of a three-phase line using the track circuit as one of the conductors N.P Gusev [Trudy] LIIZHT no 193 202-211 '62

A three-phase 100 kv -a. power stabilizing system for supplying electric power consumers from a contact network carrying single-phase current A.P Vanukov [Trudy] LIIZHT no. 193:151-177 '62

ELECTRIC RAILROADS—MANAGEMENT

Sal'nikov, I.S., and N.M. Lomonosov. [Organization of the management of electrified railroads] Organizatsiia khoziaistva elektrifitsirovannykh zheleznykh dorog. Moskva, Transzheldorizdat, 1962. 349 p.

ELECTRIC RAILROADS—SAFETY MEASURES

Russia (1923- U.S.S.R.) Ministerstvo putei soobshcheniia. [Safety regulations for railroad workers on electrified lines] Pravila bezopasnosti dlia rabotnikov zheleznodorozhnogo transporta na elektrifitsirovannykh liniiakh. Moskva, Transzheldorizdat, 1962. 24 p.

ELECTRIC RAILROADS—WIRES AND WIRING

Distance-type a.c. contact network detector protection. V.I. Gamoiunov [Trudy] LIIZHT no. 193:236-243 '62

Protection of the power supply systems of a.c. railroads from lightning strokes K.B. Aleksandrov. [Trudy] LIIZHT no. 193 212-228 '62

Tikhomirov, V.A. [Spatial-rhombic suspension of a contact network] Prostranstvenno-rombicheskaia kontaktnaia podveska. Moskva, Transzheldorizdat, 1962. 105 p.

ELECTRIC RAILWAY MOTORS

Achievement of low stable speeds of a remotely controlled car pusher P.S Bondarenko and others Prom energ 17 no. 11 17-22 N '62

Modern concepts of the physical operating features of traction motors subject to the action of a pulsating current [Trudy] LIIZHT no 193.97-113 '62.

What causes the wear of the collectors of electric traction motors. A.S. Kurbasov. Vest. TSNII MPS 21 no.7:8-11 '62.

ELECTRIC RELAYS

Benenson, N.M., and others. [Use of P-68 resin in the manufacture of radio apparatus] Opyt primenenita smoly P-68 v izdeliiakh radiotekhnicheskoi apparatury. Leningrad, 1962. 10 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Serita: Sinteticheskie materialy, no. 5)

Directional power relay based on galvanomagnetic effects. V.V. Budkin, V.G. Dorogunisev, N.I. Ovcharenko. Izv. vys. ucheb. zav., energ. 5 no. 11:24-29 N '62.

Electrical protection units. Energetik 10 no. 11:30 N '62

Four-channel transistor switch for simultaneous observation of several processes on the screen of a single-beam oscilloscope IU.I Vidmanov, V.N. Mikhel'kevich Priborostroenie no. 11 28-29 N '62

In the factories. Prom. energ. 17 no. 11:31 N '62.

A new phase comparison method for building relays with two electrical quantities. V.L. Fabrikant, V.IA. Putmyn'sh. Elektrichestvo no.10 75-79 O '62.

Start network of a remote control and audio signaling system. B.S. Finkel'shtein, L.A. Dobrusin. Vest. elektroprom. 33 no.12 65-67 D '62.

Switching circuit reliability [with summary in English]. A.Sh. Blokh. Avtom. i telem. 23 no.12 1662-1668 D '62.

Transistorized photoelectric relay for electric lighting control. B.M. Senchuk. Prom. energ. 17 no.11 46-48 N '62.

Wider use of differential relays with short-circuited windings. A.D. Drozdov, V.V. Platonov. Elek. sta. 33 no.11 73-75 N '62.

ELECTRIC RESISTANCE

Theory of the residual resistivity of a binary disordered alloy of periodically varying composition [with summary in English]. I.D. Kolomiets', A.A. Smirnov. Ukr. fiz. zhur. 7 no. 11:1195-1201 N '62.

ELECTRIC RESONATORS

General case of the method for determining dielectric permeability by means of resonators. P.F. Veselovskii, IU.D. Suchkov. Fiz. tver. tela 4 no.10:2989-2992 O '62.

Study of convexo-convex and plano-convex piezoelectric quartz resonators excited by the fundamental frequency and odd harmonics. T.D. Gavra, M.M. Pruzhanskii. Radiotekhnika 17 no.12 60-66 D '62.

Use of semiconductor iodes for electric frequency control in superhigh-frequency cavity resonators. I.M. Andreeva, I.V. Ivanov. Vest. Mosk. un. Ser. 3 Fiz., astron. 17 no.6:3-6 N-D '62.

ELECTRIC SPARK

Spark-over in a vacuum induced by macroparticles. N.B. Rozanova. Izv. AN SSSR Ser. fiz. 26 no.11 1438-1440 N '62.

ELECTRIC SUBSTATIONS

Calculation of the degree of capacitive nonsymmetry of a 35 kv. network and transposition of lines at the busbars of substations. B.I. Kozyrev. Elek. sta. 33 no.11:49-52 N '62.

From the experience of the erection of step-down substations. A.S. Mishin. Energetik 10 no.10 23-24 O '62.

A new type of transformer station on reinforced concrete poles. V.E. Matvienko. Energetik 10 no.11: 25-26 N '62.

Russia (1923- U.S.S.R.) Glavnoe energeticheskoe upravlenie. [Regulations for the installation of electrical systems. Chapter IV-3: Converter substations; chapter IV-4: Storage battery systems] Pravila ustroistva elektroustanovok, glava IV-3. Preobrazovatel'nye podstantsii; glava IV-4. Akkumulatornye ustanovki. Moskva, Gosenergoizdat, 1961. 19 p.

Use of connectors in the erection of droppers between bus disconnectors and 110 kv bus systems. A.K. Shishebarov, S.A. Flaksman. Energetik 10 no.10:33-34 O '62.

ELECTRIC SWITCHGEAR

Determination of the number of arc breaks at the poles of an a.c. switch. I.S. Taev. Vest. elektroprom. 33 no.12 45-50 D '62.

Improvement of MKP-150 switches. M.M. Akodis, V.I. Kuznetsov. Izv. vys. ucheb. zav.; energ. 5 no.11:1-9 N '62.

Installation of 35 to 220 kv. disconnecting switches. V.M. Smirnov. Energetik 10 no.11:22 N '62.

Magnetic track-limit switch. O.V. Monastyrskii. Mekh. stroi. 19 no.12 24-25 D '62.

Oil level control in type VMD 35 kv oil-filled switches. I.F. Soroka. Energetik 10 no.10 24-25 O '62.

Selenium rectifiers for feeding electromagnetic drives of high-voltage switches. V.P. Rakovskii, A.D. Loginov. Energetik 10 no.11 29-32 N '62.

Type VMP-10 and VMP-10K oil filled switches. Energetik 10 no.10:39 O '62.

Use of electric insulating gases in electrical engineering. A.M. Zalesskii, A.I. Poltev. Vest. elektroprom. 33 no.12 10-13 D '62.

Vibration resistant push-button starter. G. Abovian. Prom. Arm. 5 no.11:40-43 N '62.

ELECTRIC TRANSFORMERS

Apparatus manufactured by the Minsk Electric Equipment Factory for rural electrification use. P.P. Goldenko. Vest. elektroprom. 33 no.12 4-9 D '62.

Damage of an autotransformer due to water seepage into the windings. V.A. Kovalchuk. Elek. sta. 33 no.11: 86-87 N '62.

Determination of short-circuits in the turns of the secondary windings of electric current transformers using their voltampere characteristics. I.A. Kurskov. Elek. sta. 33 no.11:87-88 N '62.

Faults in the protective networks of step-down transformers. V.D. Vebel'. Prom. energ. 17 no.11:59 N '62.

ser voltage multiplication circuits. G.I. Kitaev. Izv. vys. ucheb. zav.; energ. 5 no.11:36-45 N '62.

Simplified methodology for selecting the power rating of traction transformers according to insulation wear. V.P. Brailov. Elektrichestvo no.10 47-52 O '62.

Through the pages of technical journals. Energetik 10 no.11:36-37 N '62.

ELECTRIC TRANSFORMERS—TESTING

Checking the intactness of the inner conductor of voltage transformers. L.F. Kudrinavaev. Energetik 10 no.10 26-27 O '62.

ELECTRIC WELDING

(see also subdivision under Uzbekistan)

Automatic control of projection welding. L.A. Dudar', A.M. Makarov, I.S. Grishin. Svar. proizv. no.11: 31-32 N '62.

Calculation of the elements of an electron-optical system of apparatus for dimensional machining using an electron beam. G.V. Der-Shvarts, I.S. Frutneva. Elektrichestvo no.12 34-38 D '62.

Effect of conditions of semiautomatic welding in carbon dioxide on the mechanical properties of the weld metal. M.R. Shraerman, A.V. Nikonov. Svar. proizv. no.9 18-22 S '62.

Effect of the shape of end surfaces on the mechanical properties of joints in resistance butt welding. N.M. Budnik, M.I. Romanets, IU.G. Belousov. Svar. proizv. no.9:14-15 S '62.

Electric rivet welding under flux by PSH-54 semiautomatic machine. V.I. Leppel. Svar. proizv. no.5:36-37 My '62.

Estimate of deformations in resistance spot welding. N.O. Okerblom. Svar. proizv. no.9:6-8 S '62.

A new efficient multiple-post welding system. N.G. Dzurgerov, IU.L. Ishchenko, G.G. Grigor'ev. Trakt. i sel'khozmash. 31 [i.e. 32] no.11:44-45 N '62.

New electrodes for welding metals. A.F. Berzin. Gor. khoz. Mosk. 36 no.10:16 O '62.

Paton, B.E., ed. [Technology of electric fusion welding] Tekhnologiia elektricheskoi svarki plavleniem. Moskva, Mashgiz, 1962. 663 p.

Residual stresses in thick welded joints with weld and base metal having dissimilar properties. V.A. Vinokurov, U Tzu-tszian [Wu TSu-chien]. Svar. proizv. no.9:8-11 S '62.

[Resistance welding] Kontaktnaia svarka. [By] F.A. Aksel'rod i dr. Moskva, Profizdat, 1962. 463 p.

Rivet welding in carbon dioxide. D.I. Vainboim. Svar. proizv. no.9:26-28 S '62.

Shape of welding baths and the stability of the twin-arc welding process. V.N. Sherstiuk. Svar. proizv. no.11 16-18 N '62.

Unshielded electric welding with an uncoated wire. Mor. flot 22 no.11:47 N '62.

ELECTRIC WELDING—EQUIPMENT AND SUPPLIES

Improving the PDGP semiautomatic machine for welding in carbon dioxide. B.I. Smirnov. Svar. proizv. no.9: 28 S '62.

Introduction of mechanized welding methods at the Kaluga Machinery Manufacture. G.V. Sutyrin, Z.A. Nikol'skaia. Svar. proizv. no.5:21-26 My '62.

Mechanization of welding operations in the manufacture of freight cars. V.I. Vasil'ev. Svar. proizv. no.5:27-28 My '62.

Modernizing the braking system of a welding rod on A-547r semiautomatic machines. IU.I. Zmeev. Svar. proizv. no.11:37-38 N '62.

Modernizing the TS-17M tractor for welding in an atmosphere of carbon dioxide. E.A. Gotlib, G.V. Reznik. Svar. proizv. no.5:34-35 My '62.

Nauchno-tekhnicheskaia konferentsiia, posviashchennaia vnedreniiu v proizvodstvo progressivnykh metodov svarki, Penza. [Introduction of progressive welding methods to industry] Progressivnye metody svarki - v proizvodstvo, materialy. Penza, TSentr. biuro tekhn. informatsii, 1961. 33 p.

New design of hoses for semiautomatic welding machines. T.N. Dubova, IU.A. Kogan, N.I. Ivanov. Svar. proizv. no.9:32 S '62.

Shortcomings of the chapter on electric welding in "Rules on the operation and safety of servicing the electric equipment of industrial enterprises." N.I. Shneiderman. Svar. proizv. no.11:40 N '62.

Small-size equipment for the automatic welding of pipe. M.M. Chernomorskii. Svar. proizv. no.11:35-36 N '62.

ELECTRIC WIRE

Calculation and experimental testing of the permissible load of electric wires. H. Arzumanian, IU. Kabalaliev, K. Oganesian. Prom. Arm. 5 no.11:58-60 N '62.

Types of control cables to be manufactured from 1961 to 1965. Vest. elektroprom. 33 no.12:73-76 D '62.

ELECTRIC WIRE AND CABLE INDUSTRY

Combining of the firing and insulating processes by the electric cable industry in manufacturing electrical wire. A.F. Zverev. Vest. elektroprom. 33 no.12: 51-53 D '62.

Dolibash, B.A., M.S. Zhivov, and L.E. Trunkovskii. [Modern methods for conducting electrical equipment installation operations] Progressivnye metody proizvodstva elektromontazhnykh rabot. Moskva, Gosstroiizdat, 1962. 134 p.

ELECTRIC WIRING—EQUIPMENT AND SUPPLIES

All-purpose tool for electric wiring operations. Stroi. 16 no.2:27 F '62.

ELECTRICITY

Acquainting primary-grade students with the simplest electric phenomena. N.M. Shakhmaev. Dokl. APN R no.1:9-10 '62.

ELECTRICITY—STUDY AND TEACHING

Studying the amplification of electric oscillations in the physics course. G.R. Lisenker. Fiz. v shkole 22 no.5:15-17 S-O '62.

ELECTRICITY, INJURIES FROM

Problem concerning the prevention of injuries in electrical systems with voltages up to 1,000 volts. G.V. Veevodin. Prom. energ. 17 no.11:13-14 N '62.

ELECTRICITY IN AGRICULTURE

(see also subdivision under Ossetia, North; Voronezh Province)

Budzko, I.A., and V.N. Stepanov. [Electric lines and power distribution networks in rural areas] Elektricheskie linii i seti sel'skokhoziaistvennogo naznacheniia. Izd. 2., ispr. i dop. Moskva, Sel'khozizdat, 1962. 382 p.

ELECTRICITY IN LUMBERING

Ginzburg, Z.B. [Electric power distribution networks and electric lighting in lumbering] Elektricheskie seti i osveshchenie na lesozagotovkakh. Moskva, Goslesbumizdat, 1962. 202 p.

ELECTRICITY IN MINING

Cables for use in deep mine shafts. P.I. Nauk. Ugol' Ukr. 6 no.11:40 N '62.

Concerning V.I. Bocharov's article "Load distribution in a coal mine according to the degree of importance of the operation." G.I. Kozhukov. Prom. energ. 17 no.11 59-60 N '62.

Ozornol, M.I. [Electrical engineering in mines; electric equipment and electric power supply in the underground workings of coal mines] Gornaia elektrotekhnika; elektrooborudovanie i elektrosnabzhenie podzemnykh razrabotok ugol'nykh shakht. Izd. 4. perer. i dop. Moskva, Gosgortekhizdat, 1962. 431 p.

Samokhin, F.I., A.M. Lovikov, and Mavrityn. [Electrical engineering in mining] Gornaia elektrotekhnika. Moskva, Gosgortekhizdat, 1962. 370 p.

Shishkin, N.F. [High-speed system for protecting mine networks from short-circuits to ground] Bystrodeistvuiushchaia zashchita shakhtnykh setei ot zamykanii na zemliu. Moskva, Gosgortekhizdat, 1960. 63 p.

ELECTRICITY ON SHIPS

Emergency operation of the electric power equipment of tank vessels. A.S. Chernilok. Sudostroenie 28 no.11 42-43 N '62.

Nechaev, V.V. [Electric equipment of ships] Elektrooborudovanie sudov. Moskva, Izd-vo "Rechnoi transport," 1962. 208 p.

Sivers, P.L. [Course on electric drives of ships] Kurs sudovykh elektroprivodov. Leningrad, Izd-vo "Morskoi transport," 1962. 475 p.

Ways of improving the operational properties of the electric equipment of ships. B. Glikin, M. Petrovskii, A. IAvorskii. Mor. flot 22 no.11:20-22 N '62.

ELECTRICITY ON SHIPS—BIBLIOGRAPHY see Bibliography—Electricity on ships

ELECTRIFICATION

Klymenko, H.A. [Electrification is an essential element in building the economy of communism] Elektryfikatsiia - stryzhen' budivnytstva ekonomiky komunizmu. Kyiv, Derzhpolitvydav URSR, 1962. 84 p.

The tempo of industrial electrification is increasing. Prom. energ. 17 no.11 1-3 N '62.

ELECTROACOUSTICS

Slopskii, S.B. [Analyzers of the spectra of sonic and subsonic frequencies for acoustic spectrometry] Analizatory spektra zvukovykh i infrazvukovykh chastot dlia akusticheskoi spektrometrii. Moskva, Gosenergoizdat, 1962. 134 p.

A vibrator for an electric guitar (from "Radio i Televizita," no.7 1962). Radio no.11:56 N '62.

ELECTROCARDIOGRAPHY

Changes in the electrocardiogram in surgical interventions. M.D. Kogut, N.K. Furkalo. Vrach. delo no.11: 81-87 D '62.

Effect of atropine on the electrocardiogram. G.I. Ruchiba. Klin. med. no.9:76-81 '62.

ELECTROCARDIOGRAPHY (Continued)

Effect of partial surgical exclusion of the pancreas on some electrocardiographic indices in dogs [with summary in English]. L.N Zefirov. Biul.eksp.biol.i med. 54 no 11 46-50 N '62.

First experiment in radioelectrocardiography for competing skaters. V.V Rozenblat, A.T. Volobʹev, R.V. Urazhin. Teor.i prak.fiz.kulʹt. 25 no 10 62-63 O '62

Methods of the fixation of electrodes for recording electrocardiograms during manned space flights [with summary in English]. N.A. Agadzhanian and others. Probl.kosm.biol 1 451-459 '62

Selection of leads and the analysis of electrocardiograms of dogs [with summary in English]. R.M Baevskiĭ, M.M.Osipova. Probl.kosm.biol 1:172-176 '62

ELECTROCHEMISTRY

Desorption of silver and the regeneration of electron exchange resins by the electrochemical method. A.B Davankov, T.A.Aptova. Zhur.prikl.khim 35 no.10 2171-2175 O '62.

Effect of X rays on the electrochemical oxidation of ethyl alcohol on a Pt-anode. S.A.Brusentseva, D.V. Kokoulina, P.I.Dolin. Dokl AN SSSR 147 no 3:649-652 N '62.

Fedotʹev, N.P., and others. [Applied electrochemistry] Prikladnaia elektrokhimiia. Leningrad, Goskhimizdat, 1962. 638 p.

ELECTROCHEMISTRY, INDUSTRIAL—TECHNOLOGICAL INNOVATIONS see subdivision under Chlorine

ELECTRODES

Charging curves on platinum and palladium in the presence of ethyl alcohol D.V. Sokolʹskiĭ, L.T. Shandina Trudy Inst.khim nauk AN Kazakh SSR 8:37-40 '62

Electrode impedance in solutions of chromic acid R.F. Bolchuk. Ukr.khim zhur. 28 no 9 1042-1047 '62.

Investigation of the physicochemical properties of tungsten-thenium thermo-electrodes [with summary in English]. Iu.B.Kuzʹma and others. Poroshk.met. 2 no.6 100-103 N-D '62.

ELECTRODES, PLATINUM

Effect of solvents on hydrogen adsorption on the surface of a platinated platinum electrode-catalyst D.V. Sokolʹskiĭ, D.N. Kombaiov Trudy Inst.khim.nauk AN Kazakh.SSR 8:101-108 '62.

Use of platinum-titanium anodes in the chlorine industry. L.M.IAkimenko and others. Khim.prom. no.10, 726-735 O '62.

ELECTRODES, TITANIUM

Use of platinum-titanium anodes in the chlorine industry. L.M.IAkimenko and others. Khim.prom. no.10 726-735 O '62.

ELECTRODYNAMICS

Electrodynamics of superconductors. V.Z.Kresin. Fiz. tver.tela 4 no.10:2032-2034 O '62.

ELECTROENCEPHALOGRAPHY

Asymmetry of the duration of waxing and waning phases of the electroencephalogram recorded from posterior areas of the brain of healthy subjects. A.A.Genkin. Dokl.APN S no.4:99-102 '62.

Change in the electrical activity of the brain in lesions of the large cerebral vessels (carotid and vertebral arteries) [with summary in French]. V.A.Chukhrova, N.V.Verbachagin, D.N.Dzhibladze. Zhur nevr.i psikh. 62 no.8:1161-1168 Ag '62

Change in the electrical activity of the cerebral cortex of the rabbit under the influence of an ultrahigh frequency electromagnetic field. Report No.1. The effect of an ultrahigh frequency field on the electroencephalogram of intact rabbits [with summary in English]. IU.A. Kholodov, Z.A.IAnson. Biul.eksp.biol.i med. 54 no.11:6-12 N '62.

Comparative electroencephalographic data on children operated on for congenital heart defects [with summary in English]. N.G.Rosiavleva. Klin.med. no.9 67-71 '62.

Dynamics of the bioelectrical activity of the brain and the state of the capillaries in cerebral atherosclerosis with insomnia during the period of electronarcosis therapy. E.I. Kulikova (Lebedinskaia). Trudy Gos.nauch.-issl. inst.psikh. 25:228-242 '61.

Dynamics of the electrical processes in the structures of the medulla oblongata and in the cortex during reflex reactions in dogs to irritations of varying intensity [with summary in English]. T.S.Naumova. Zhur.vys. nerv.deiat. 12 no.1:118-127 Ja-F '62.

EEG data in cerebral atherosclerosis and hypertension with mental disorders. IU.N.Fedorovskiĭ. Trudy Gos.nauch.-issl.inst.psikh. 25:202-204 '61.

Effect of chloral hydrate on electric responses in corpora quadrigemina and the cortex of the brain of a rabbit during rhythmical light stimulation [with summary in English]. A.G.Kopylov. Vest LGU 17 no.21:143-146 '62.

Electrophysiological characteristics of cerebral cortex function in a pain reaction. Report No 1 L.A.Idrisova. Zdrav.Kazakh. 22 no.3:51-54 '62.

Experimental analysis of epileptic discharges occurring in electric stimulation of the hippocampus [with summary in English]. A.I.Shumilina, N.A.Ivanova. Biul. eksp.biol.i med. 54 no.11 3-7 N '62.

Pathophysiological characteristics of a geriopathic-hypochondriacal syndrome in cerebral atherosclerosis. E.S. Tolmasskaia. Trudy Gos.nauch.-issl.inst. psikh. 25:218-227 '61.

Projection of the vagus nerve in the cerebral cortex and the limbic lobe of the brain in cats. V.N.Chernigovskiĭ, S.M.Zaraiskaia. Dokl AN SSSR 147 no.3 742-744 N '62.

Rhythm assimilation as a method for the functional evaluation of the cerebral cortex in hypertension [with summary in English]. L.I.Ilʹina. Klin.med. no.9 82-89 '62.

Role of the reticular formation in conducting interceptive impulses [with summary in English]. E.S Tolmaskaia, L.M.Dykman. Zhur.vys.nerv.deiat. 12 no.1. 161-168 Ja-F '62.

Use of aminazine under electroencephalographic control in the treatment of brucellosis S.Zh Tleulin Zdrav Kazakh 22 no 3:18-21 '62

ELECTROFORMING

Bronze deposition on steel by a weaving arc. I.R. Pateĭkevich, V.A.Bautina. Svar.proizv. no.11 34-35 N '62.

Electric transfer of silver in copper. P.P. Kuzʹmenko, L.F Ostrovskiĭ Izv.vys.ucheb.zav., chern met. 5 no.11 146-149 '62

ELECTROLYSIS

Development of submicroporosity in composite electrolytic films of the system Cu - Ni during heating and under load. B.IA. Pines, R.I. Kuznetsova, M.P. Dubovik. Fiz.tver.tela 4 no.12:3409-3411 D '62.

Electrochemical solution of powdered rhodium in hydrochloric acid. V.V. Krokhin, A.I Volʹfson, N.R. Zakharova Zhur.prikl.khim. 35 no 11 2565-2567 N '62.

ELECTROLYSIS—EQUIPMENT AND SUPPLIES

Properties and application of ionite diaphragms. A.S. Shubin, V.M. Novakovskiĭ. [Trudy] UNIKHIM no.9: 135-163 '61.

ELECTROLYTE SOLUTIONS

Average coordination numbers of ions in aqueous solutions as a measure of near hydration. V.I Tikhomirov. Zhur.strukt.khim. 3 no.6 662-664 '62.

Electrolytic deposition of nickel from sulfate electrolytes with additives of some organic and inorganic substances [with summary in English]. G.Ozol-Kalnins, B.Purins. Izv.AN Latv.SSR no 1:77-86 '61.

Ion transport number in concentrated aqueous solutions of some acids and alkalies. P.T. Merenkov. Uzb. khim.zhur. 6 no.5 35-46 '62.

Sensitivity of the method of physical titration by water as determined by the nature of the solvent of turbidity indicators. S.I. Spiridonova, Izv.vys.uch.zav., khim.i khim.tekh. 5 no.4 549-552 '62.

ELECTROLYTE SOLUTIONS—DIPOLE MOMENTS

Study of electrolyte solutions in dipole liquids by the method of magnetic resonance. Theory of magnetic relaxation. K.A.Valiev. Zhur.strukt.khim. 3 no.6:653-661 '62.

ELECTROLYTES

Effect of additions of electrolytes on the electrophoretic precipitation of ceramic masses from suspensions. A.I.Avgustinik, V.S.Vigdergauz, G.I.Zhuravlev. Zhur.prikl.khim. 35 no 10:2338-2341 O '62.

Effect of electrolytes on the solution properties of xanthogenates of various degrees of substitution E.A. Abramova. Trudy LTA no 21:123-134 '60

Effect of the interaction of adjacent charged groups on the properties of polyelectrolytes [with summary in English]. T.M.Birshtein, O.B.Ptitsyn. Ukr.fiz.zhur. 7 no.7:697-702 Jl '62.

Synthesis and study of selective polyelectrolytes. Report No.1 M IA. Romankevich, V G Siniavskiĭ, M P. TSygankova Ukr.khim zhur. no 9 1096-1099 '62

Theory of polyelectrolyte solutions [with summary in English]. O.B. Ptitsyn. Ukr.fiz.zhur. 7 no.7 702-709 Jl '62.

Thermodynamics of the interaction of cellulose with water and water solutions of electrolytes. Report No. 3. K. P. Mishchenko, N. P. Dymarchuk, A I. Sergeeva. Trudy LTA no.21:65-70 '60

ELECTROLYTIC CORROSION

Criteria of chemical and electrochemical corrosion. V.M. Novakovskiĭ. [Trudy] UNIKHIM no.9:5-12 '61

Electrodeposition and galvanic corrosion of zinc. A.V. Gorodyskiĭ, O.K. Kudra. Ukr.khim zhur. 28 no 7 812-815 '62.

Zonal corrosion in pores of cathode-polarized zinc. A.F. Nikiforov. Ukr.khim.zhur. 28 no 7:875-878 '62.

ELECTROLYTIC OXIDATION see Oxidation, Electrolytic

ELECTROMAGNETIC PROSPECTING

Equivalence limits of curves of magnetotelluric profiling. M.V.Kolmakov, N.P.Vladimirov. Razved.i okh.nedr. 28 no.11:53-55 N '62.

ELECTROMAGNETIC THEORY—CONGRESSES

Symposium on electromagnetic theory and antennas. N.A.Kuzʹmin, M.V.Persikov. Vest.AN SSSR 32 no.12 79-80 D '62.

ELECTROMAGNETIC WAVES

Absorption and dispersion of light in the region of exciton transitions V.S Mashkevich Fiz tver tela 4 no.11 3279-3285 N '62

Cherenkov radiation and additional waves in a dielectric. F.G Bass, M.I kaganov, V.M IAkovenko Fiz.tver. tela 4 no 11 3260-3265 N '62

Dispersion relations for the refractive index and absorption coefficient in media with exciton absorption [with summary in English]. A.S.Davydov. Zhur eksp.i teor fiz. 43 no.5 1832-1840 N '62

Making allowance for surface excitons in the theory of electromagnetic waves in crystals G.F Bventsel', S.I Pekar Fiz tver tela 4 no.10:2818-2828 O '62

Measurement of the field behind a reflecting boundary in the case of total internal reflection at a wavelength of 3.6 cm. L.P Strelkova Izv.vys.ucheb zav fiz. no.5:175-176 '62.

On supplementary boundary conditions in the theory of additional electromagnetic waves in crystals [with summary in English] S.I. Pekar, V.I.Sukhakov. Ukr.fiz. zhur 7 no.11:1191-1194 N '62

Scattering of electromagnetic waves by turbulent inhomogeneities of the troposphere. Trudy Inst.fiz. atm. no.4 147-202 '62.

ELECTROMAGNETIC WAVES—PHYSIOLOGICAL EFFECT

Change in the electrical activity of the cerebral cortex of the rabbit under the influence of an ultrahigh frequency electromagnetic field. Report No 1 The effect of an ultrahigh frequency field on the electroencephalogram of intact rabbits [with summary in English]. IU A Kholodov, Z.A.IAnson Biul eksp.biol i med. 54 no.11,8-12 N '62.

ELECTROMAGNETIC WAVES—SCATTERING

Broadening of the scattering line in alcohols and affine homologous series and its relation to the scattering of electromagnetic waves [with summary in English]. M.F.Vuks, I.A.ChernIavskaia. Vest.LGU 17 no.22 45-51 '62

Scattering of electromagnetic waves on uneven surfaces [with summary in English]. V.I Mykhailov Ukr fiz. zhur. 7 no.12:1274-1279 D '62.

ELECTROMAGNETISM

Effect of the electromagnetic field of high-frequency currents on paper T.A Pravilova, N IA Solechnik, G.N Khodarinova Trudy LTA no.21 115-153 '60

Kinetics of the formation of a photoelectret state in silver chloride. V.I Bugrienko Fiz tver tela 4 no 11:3152-3155 N '62

ELECTROMAGNETS

Study of the permeance of the working gap of solenoid hammers with free running slugs. N.P. Hlushentsov, A.G. Frolov, E.M. Timoshenko. Vest.elektroprom. 33 no.12:71-73 D '62.

ELECTROMECHANICAL ANALOGIES

On a method for visualizing equipotential lines A G Tarapon Ukr mat zhur 14 no 4 432-435 '62

ELECTROMECHANICAL ANALOGIES—CONGRESSES

Decisions of the Interuniversity Conference on the Use of Physical and Mathematical Modeling in Different Branches of Engineering. Elektrichestvo no.10 92-93 O '62.

ELECTROMOTIVE FORCE

Experimental verification of the electron theory of electromotive force. V.M. Novakovskiĭ, A.S.Shubin. [Trudy] UNIKHIM no.9:25-36 '61

Problem of determining the corrosion rate from current density at a platinum cathode with potential of the metal being corroded. I.V.Oknin. Izv.vys.uch.zav., khim.i khim.tekh. 5 no.4 575-578 '62.

Seat of the development of electromotive force in a galvanic cell. V.M.Novakovskiĭ. [Trudy] UNIKHIM no.9: 13-21 '61.

Using the electromotive force method in investigating solid phases containing iron oxides at high temperature E.V Frmolaeva, M.M. Mirakʹian Ukr khim zhur. 28 no 7 816-824 '62

Voltampere characteristics of the electrolytic solution of titanium in fused salts E.B. Gitman Ukr khim zhur no.9:1116-1117 '62

ELECTROMYOGRAPHY

Coordinative relations of muscle activity in shot-putting. V.M Lebedev. Teor.i prak.fiz.kulʹt 25 no 9:67-70 S '62.

Electromyographic characteristics of exercise and simple movements of man [with summary in English]. V.S.Averʹianov. Vest LGU 17 no.21:135-140 '62.

Electromyography in modern anesthesia. V.A.Kovenev, IA.M.Khmelevskiĭ. Vest.AMN SSSR 17 no.8:3-10 '62.

ELECTROMYOGRAPHY (Continued)

Functional interrelation between the respiratory muscles and those performing dynamic work [with summary in English]. A.M Kulik. Biul.eksp.biol.i med. 54 no 11 17-21 N '62

Studying the electric activity of muscles in wrestling. Wei TSzun-ven [Wei TSung-wen] Teor i prak fiz kult 25 no 9 62-66 S '62

ELECTRON BEAMS

Correlation of low-frequency and high-frequency oscillations induced in a plasma by an electron beam [with summary in English] M.D Habovich, V H. IAzeva. Ukr.fiz.zhur. 7 no.9 1015-1020 S '62.

Production of a superhigh vacuum by means of oxide electronic semiconductors pulverized by electron bombardment G S Mikhailov, O.M. Abimovich, I G Pronina. Ukr.fiz.zhur. 7 no.12 1367-1368 D '62

Transverse stability of charged beams in storing systems. V.G. Grishin. Vest.Mosk.un.Ser 3 Fiz., astron. 17 no.6:83-85 N-D '62.

ELECTRON MICROSCOPY

Electron microscope investigation of fluoride and phosphate opaline glasses N M Vaisfel'd, E M. Rabinovich Zhur.prikl khim. 35 no.11:2393-2398 N '62.

Electron microscope studies of ores in polished metallographic sections M K Satpaeva. Vest AN Kazakh SSR 18 no 11 79-82 N '62

Electron microscopy and electronography of alloys on a pure iron base F N Tavadze, L.G Sakvarelidze. Trudy inst met AN Gruz SSR 12 167-172 '62.

Materials on the submicroscopic structure of the reticular formation as revealed by electron microscopy L S Golfdin Trudy Gos nauch -issl. psikhonevr inst. 28 311-339 '62

Submicroscopic structure of the cytoplasm of vegetative nervous cells V S Petrov. Trudy Gos. nauch.-issl. psikhonevr inst 28 271-291 '62

Submicroscopic structure of the peripheral nerve and interrelations between the axon and the Schwann cell IA.IU Komissarchik Trudy Gos nauch.-issl. psikhonevr inst. 28 293-310 '62

ELECTRON OPTICS

Electron-optical study of p-n junctions in germanium and silicon. N.N.Sedov, G.V.Spivak, R.D.Ivanov. Izv. AN SSSR.Ser.fiz. 26 no.11 1332-1338 N '62.

ELECTRON TUBES

Cold-cathode thyratrons and neon tubes. Radio no.11: 57-60 N '62.

On the rate of operation of tubes with consecutive bifurcation of the beam [with summary in English]. V M Glushkov, V.P. Derkach. Ukr.fiz.zhur 7 no.12: 1280-1284 D '62.

Parameters, modes, and operation of electron tubes. A.Azat'ian. Radio no.11.32-35 N '62.

ELECTRONIC AMPLIFIERS see Amplifiers (Electronics)

ELECTRONIC ANALOG COMPUTERS

Calculation of hydroelectric engineering power problems using electronic analog computers A I Seryshev Trudy MEI no 35 125-134 '61.

Classification of errors of an analog computer. A.N. Lebedev. Izv.vys.ucheb.zav., prib. 5 no 6:67-70 '62.

Investigating on an electron model the performance of the main line of a Pilgrim mill. S.N. Kozhevnikov and others Trudy Inst.chern.met. AN URSR 16.88-104 '62.

Investigating the 950 blooming mill at the Dzerzhinskii plant by experimental and analytical means and with help of an electron model. S.N. Kozhevnikov and others. Trudy Inst.chern.met. AN URSR 16 37-55 '62.

Pulse element of width and amplitude modulation for electronic analog computers. A.A. Zlazin-Zinchenko, E.B.Ogarkov. Avtom.i telem. 23 no.12:1675-1679 D '62.

ELECTRONIC APPARATUS AND APPLIANCES

Electronic relay P Konin. Okhr.truda i sots strakh 5 no 11 33 N '62

New inventions of Ukrainian design engineers. Radio no.11:5-7 N '62.

Pavlov, V.V. [Semiconductor measuring and controlling devices for nuclear power engineering] Poluprovodnikovye izmeritel'nye i upravliaiushchie ustroistva dlia iadernoi energetiki. Moskva, Gosatomizdat, 1962. 200 p.

ELECTRONIC CIRCUITS

Markus, John, comp. [Handbook of electronic control circuits. Translated from the English] Skhemy elektronnoi avtomatiki. Pod red. i s predisl. V.A. Ivanova. i A.A. Sokolova Moskva, Izd-vo inostr. lit-ry, 1962. 342 p.

ELECTRONIC COMPUTERS

Computer technology and economics. S.Gridnev. Radio no.11:3-5 N '62.

Concerning a certain method for distinguishing objects described by several parameters and features of its use. V.L.Bratlovskii. Avtom.i telem. 23 no.12: 1643-1653 D '62.

Concerning a certain method for the search of the minima of a function in the presence of restrictions [with summary in English]. E.Z. Mozgovaia. Avtom. i telem. 23 no.12 1654-1661 D '62.

Concerning the automation of programing operations of superhigh-speed computer systems of discrete electronic automata M.S. Neiman Trudy MAI no 149 158-174 '62

Electronic automation of research work. M.S. Neiman. Trudy MAI no. 149 175-187 '62.

Electronic calculating techniques in design. A.Vishnevskii. Na stroi.Ros. 3 no.9 25-27 S '62.

Electronic computers in agriculture. A V. Alekseiev, IA P Borokhovych. Visnyk sil'hosp.nauky 5 no 11: 25-29 N '62.

Gutenmakher, L.I. [Electronic information and logic machines] Elektronnye informatsionno-logicheskie mashiny. Izd- 2., ispr. i dop. Moskva, Izd-vo Akad. nauk SSSR, 1962. 199 p.

Mikhel'son, V.S. [Elements of computer mathematics] Elementy vychislitel'noi matematiki. Moskva, Vysshaia shkola, 1962. 289 p.

New computing equipment V.I Loskutov Priboro-stroenie no 11 29-31 N '62

Nonstationary processes in a parametron using the capacitance of a p-n junction V.I Samoilenko. Trudy MAI no 149 114-133 '62.

Principles of the design of super-high frequency sampled data systems M.S. Neiman. Trudy MAI no 149 13-22 '62

Simple converter of voltage to pulse frequency K.K. Skerskii, S K Sobolev, V.V. Shapiro Priboro stroenie no.11:26-28 N '62.

Stationary conditions in two-stage network of a parametron using the capacitance of a p-n junction V I Samoilenko, I A. Glotov. Trudy MAI no 149.92-113 '62

Study of logic elements for amplitude-type sampled-data systems M.S. Neiman, G P. Zemtsov Trudy MAI no 149 52-65 '62

Study of the dynamic processes of a subharmonic generator using the capacitance of a p-n junction V.I. Samoilenko, E.M. Zlochevskii. Trudy MAI no 149 134-147 '62.

Study of triggers and shift registers for amplitude-type sampled-data systems M.S Neiman, L L Tellalnikov, G. P. Zemtsov Trudy MAI no. 149 23-37 '62

Super-high frequency sampled-data computer automata. M.S. Neiman Trudy MAI no 149 5-12 '62

Use of computers in hydroelectric power engineering. V I. Obrezkov. Trudy MEI no. 35.243-249 '61.

Use of electronic calculating machines for the programming of plan calculations for making up trains N A. Samarina. Trudy RIIZHT no 30 173-179 '61.

Using continuous electronic computers to calculate a runoff hydrograph L S Kuchment. Meteor i gidrol no 12.16-20 D '62.

Vavilova, A.S., and I.S. Zhevelova. [Electronic computers in foreign countries] Elektronnye vychislitel'nye mashiny za rubezhom. Pod red. D.A. Zhuchkova. Moskva, Mashgiz, 1962. 235 p.

Working up experimental materials on forest valuation by using electronic calculating machines K E Niklin Les.khoz 15 no 7 8-13 Jl '62

ELECTRONIC COMPUTERS—CIRCUITS

Networks for sequential binary multiplication and division using ferrite elements. IU.A. Makhmudov, R.IU.Dagkesamanskaia. Trudy Vych.tsentra AN Azerb.SSR 1:83-95 '62.

Problem concerning the accuracy of a contactless code to voltage converter [with summary in English]. V.IU. Konchalovskii. Avtom.i telem. 23 no.12:1712-1719 D '62.

ELECTRONIC CONTROL

Control-blocking noncontact systems with radioactive pickups for stamping and forging. V.T. Meshcherin and others. Sbor.MOSSTANKIN no.6:22-60 '62.

Designing triode control circuits of pulse amplifiers for automatic control systems of electric machinery. T.A. Glazenko. Izv.vys.ucheb.zav., prib. 5 no.6,43-54 '62.

Investigating certain parameters of noncontact systems controlling the thickness of sheet billets for automatic stamping. A.E.Artes. Sbor.MOSSTANKIN no.6:61-64 '62.

Markus, John, comp. [Handbook of electronic control circuits. Translated from the English] Skhemy elektronnoi avtomatiki. Pod red. i s predisl. V. A. Ivanova i A. A. Sokolova. Moskva, Izd-vo inostr. lit-ry, 1962. 342 p.

New noncontact control system for the automation of stamping operations by means of radioisotopes. V.T. Meshcherin. Sbor.MOSSTANKIN no.6:5-21 '62.

The SShT-9 noncontact radioactive unit for the control of an automatic machine tool or an automatic line. V.I.Gortsinov, A.A. Bobkov. Sbor.MOSSTANKIN no.6:121-130 '62.

Summation and correlation blocks of the unified system of automatic control, signalling and regulation. I. V. Chernykh. Priborostroenie no 11:14-15 N '62.

ELECTRONIC DATA PROCESSING

Automatic photoelectronic decoder of printed information. P.M Chegolin, V.S. Bogdanov. Izv.vys.ucheb. zav., prib. 5 no.6 58-66 '62.

Computer technology and economics. S.Gridnev. Radio no.11:3-5 N '62.

Electronic automation of research work M S Neiman Trudy MAI no 149 175-187 '62.

Sarin, M.I., and M.I. Siul'pinas. [The PR80-2 automatic perforator reproducing machine] Reproduktor PR80-2 avtomaticheskii perforator-reproduktsionnyi, konstruktsiia i ekspluatatsionnye svoistva. Pod red. V.N. Riazankina. Moskva, Gosstatizdat, 1962. 92 p.

ELECTRONIC DIFFERENTIAL ANALYZERS

Design principles for an n-dimensional pulse analyzer [with summary in English] R.H.Ofenhenden. Ukr. fiz.zhur. 7 no.11:1172-1179 N '62.

Small-size pulse-height analyzer AIMA-3 [with summary in English]. F.N. Berezin and others. Ukr.fiz. zhur. 7 no.11.1180-1190 N '62.

ELECTRONIC DIGITAL COMPUTERS

Binary decimal codes with a single negative weight. D.A. Pospelov. Izv.vys.ucheb zav., prib. 5 no 6: 71-76 '62.

Brazhnikov, N.V., V.I. Bondarenko, and V.P. Chistov. [Automatic control of blast-furnace and rolling mill processes with use of digital computers] Avtomatizatsiia domennogo i prokatnogo proizvodstva s primeneniem telfrovykh schetno-reshaiushchikh ustroistv. Sverdlovsk, Metallurgizdat, 1962 256 p.

Danilov, P.I. [Installation of automatic article-counting devices on press forging equipment] Ustanovka avtomaticheskogo scheta izdelii na kuznechno-pressovom oborudovanii. Leningrad, 1962. 11 p. (Leningradskii dom nauchno-tekhnicheskoi propigandy. Obmen peredovym opytom. Serlia. Pribory i elementy avtomatiki, no. 6)

Use of electronic digital computers for the evaluation of gravimetric terrain correction (example). I. A Kosal' Izv. AN Kazakh. SSR.Ser. geol. no. 5:102-103 '62.

Using electronic digital computers for the solution of problems of strength and dynamics in the manufacture of machinery A. P. Filippov. Sbor trud Inst gidr mash. AN URSR no 10 44-57 '62

ELECTRONIC INSTRUMENTS

Input circuits of wide-band phase meters. V.P. Kovrigin, A.F. Neermolov. Izm.tekh. no.12:30-34 D '62.

Investigating certain parameters of the SShT-11 noncontact device for measuring the dimensions of parts forged on hydraulic presses. IU.A. Maksin, M.V. Polonskii. Sbor.MOSSTANKIN no.6:85-101 '62.

Noncontact electronic a.c. switch. L.IA. Nagornyi, V.P. Topolev. Izm.tekh. no.12:13-16 D '62.

ELECTRONIC MEASUREMENTS

Alternating current compensator with an inductance-voltage amplifier. A.L. TSiber. Izv.vys.ucheb.zav., prib. 5 no.6:17-24 '62.

Automatic null compensation circuit in electronic amplifiers and its analysis [with summary in English]. D.E. Polonnikov. Avtom.i telem. 23 no.12,1668-1674 D '62.

Bokrinskaia, A.A., and E.T. Skorik. [Power measurement techniques at super-high frequencies] Metody izmerenila moshchnosti v diapazone sverkhvysokikh chastot. Pod red. V.V. Ogievskogo. Kiev, Gostekhizdat USSR, 1962. 170 p.

Device for determining the time constant of a decaying electromagnetic process [with summaries in English and German] E. Jakubaitis, M. Vaivars. Izv. Akad Latv SSR no. 3:41-50 '61.

Frequency meters of speed and travel. S.N. Kozhevnikov, V.S. Egorov. Trudy Inst.chern met. AN URSR 16:66-69 '62.

Measuring small variations of speed by frequency comparison. S.D. Grinberg. Trudy Inst.chern.met. AN URSR 16:129-137 '62.

ELECTRONICS

Electronics and technological progress. A.Shokin, N.Deviatkov. Kommunist 30 no.1:60-68 Ja '63

ELECTRONICS—BIBLIOGRAPHY see Bibliography—Electronics

ELECTRONICS IN NAVIGATION

Automatic control of ship handling and new navigation methods. A. IAkushenkov. Mor.flot 22 no 11,11-13 N '62.

ELECTRONS

Collective description of metal conductivity electrons in external fields. V.P. Kalashnikov. Fiz.met i metalloved. 14 no.5:640-651 N '62.

Comparison of the Bloch and Heitler-London methods in their application to the ground state of Cu_2O type crystals [with summary in English]. N.V. Starostin. Vest.LGU 17 no.22:19-22 '62.

Electric conductivity of polar semiconductors, taking electron interaction into account. I.M. Dykman, P.M. Tomchuk. Fiz.tver.tela 4 no.12:3551-3561 D '62.

ELECTRONS (Continued)
Electrodynamic interaction of electrons in accelerators. I.E.Tamm Trudy Fiz.inst. 16 3-31 '52.
Electron and positron interactions at high energies. V.N.Baier. Usp fiz.nauk 78 no 4:619-652 D '62
Electron carriers in the respiratory chain and their connection with the structures of the bacterial cell. N.S.Gel'man, M.A.Lukoinnova. Mikrobiologiia 31 no.3:556-569 My-Je '62
Electron-photon showers generated by high-energy μ -mesons [with summary in English]. D.V.Gedalin. Zhur.eksp.i teor.fiz. 43 no.5:1697-1700 N '62.
Excitation of the 2s and 2p levels of the hydrogen atom by slow electrons [with summary in English]. R.IA. Damburg, R.K.Peterkop. Zhur.eksp.i teor.fiz. 43 no.5:1765-1768 N '62.
Experimental verification of the electron theory of electromotive force. V.M.Novakovskii, A.S.Shubin. [Trudy] UNIKHIM no.9 25-36 '61.
Many-phonon corrections to the kinetic equation V.V. Rumiantsev Fiz.tver.tela 4 no.11:3189-3201 N '62.
On the field mass of an electron in classical electrodynamics. P.I.Fomin. Ukr.fiz.zhur. 7 no.12:1365-1367 D '62.
Polarization properties of synchrotron radiation emitted by high-energy electrons [with summary in English]. F.A.Korolev, O.F.Kulikov, A.S.IArov. Zhur.eksp.i teor.fiz. 43 no.5:1653-1656 N '62.

ELECTRONS—CAPTURE
Effect of trapping levels on the kinetics of extrinsic photoconductivity of semiconductors. E.N.Arkad'eva. Fiz.tver.tela 4 no.11:3040-3053 N '62
Electron capture cross sections by negatively charged atoms of deep impurity centers in germanium K.D. Glinchuk, E.G.Miseliuk. Fiz.tver.tela 4 no.12:3671-3673 D '62.
Local fluctuation levels in amorphous semiconductors. A.I.Gubanov. Fiz.tver.tela 4 no.10:2873-2879 O '62.
Trapping of minority carriers on a silicon surface. V.E. Primachenko and others. Fiz.tver.tela 4 no.10:2925-2930 O '62.

ELECTRONS—EMISSION
Electron emission from metals induced by light ions. U.A.Arifov and others. Izv.AN SSSR.Ser.fiz. 26 no.11:1403-1409 N '62.
Electron emission induced by the bombardment of metals with certain ions of inert gases in the energy region not exceeding 50 kev. U.A.Arifov, R.R.Rakhimov, O.V.Khozinskii. Izv.AN SSSR.Ser.fiz. 26 no.11:1398-1403 N '62.
Emission of charged particles from various substances when hit by grains of sand. A.I.Akishin, IU.A. Dobrotov. Izv.AN SSSR.Ser.fiz. 26 no.11 1435-1437 N '62.
Emission of nonequilibrium electrons from cadmium selenide. B.L.Boichenko. Ukr.fiz.zhur. 7 no.11:1257-1258 N '62.
Emission of nonequilibrium electrons from cadmium sulfide. V.F.Bibik, P.G.Borzlak, O.G.Sarbei. Fiz. tver.tela 4 no.11:3003-3009 N '62.
Theory of ion-electron emission from a metal. L.M. Kishinevskii, E.S.Parilis. Izv.AN SSSR.Ser.fiz. 26 no.11:1409-1410 N '62.

ELECTRONS—SCATTERING
Electron scattering on protons taking dipole moments into account [with summary in English]. A.A.Bogush, I.S.Satsunkevich. Zhur.eksp.i teor.fiz. 43 no.5: 1953-1956 N '62.
On the theory of relativistic Coulomb scattering. Part 2 [with summary in English]. V.G.Gorshkov. Zhur. eksp.i teor.fiz. 43 no.5:1714-1726 N '62.
Scattering in spin heterogeneities and the spontaneous Hall effect in ferromagnetic materials Sh.Sh.Abel'skii, IU.P.Irkhin. Fiz.met.i metalloved. 14 no.5: 641-645 N '62.
Bolotov, L.D. [Infrared singularities in electron-proton scattering] Infrakrasnye osobennosti v elektron-protonnom rasseianii. Dubna, Ob"edinennyi in-t iadernykh issledovanii, 1962. 4 p. [With summary in English]

ELECTRONS—SPECTRA
Structure of the energy spectrum of electrons in Th_3P_4 type crystals. G.F.Karavaev, N.V.Kudriavtseva, V.A. Chaldyshev. Fiz.tver.tela 4 no.12:3471-3481 D '62.

ELECTROOSMOSIS
The phenomenon of electroosmosis in the dehydration of concrete [with summary in English]. A.V.Sidorov. Inzh.-fiz.zhur. 5 no.6:110-114 Je '62.

ELECTROPHORESIS
Clinical significance of the electrophoretic examination of blood protein fractions in eye diseases. G.A.Sokolovskii. Vest.oft. no.5:11-17 '62.
Effect of additions of electrolytes on the electrophoretic precipitation of ceramic masses from suspensions. A.I.Avgustinik, V.S.Vigdergauz, G.I.Zhuravlev. Zhur.prikl.khim. 35 no.10:2330-2341 O '62.
Electrophoretic precipitation of ceramic masses from suspensions and calculation of the yield of precipitate. A.I.Avgustinik, V.S.Vigdergauz, G.I.Zhuravlev. Zhur.prikl.khim. 35 no.10:2175-2180 O '62.
Electrophoretic study of serum lipoproteins in coronary insufficiency. N.V.Demidova. Terap.arkh. no.8 46-51 '62.
Treatment of suppurative inflammatory diseases by a modified method of sulfanilamide preparation electrophoresis [with summary in English]. N.A Barsukov, B.B.Al'perovich. Klin.med. 40 no.10:104-108 O '62.
Treatment of wounds by calcium electrophoresis N.A. Barsukov Khirurgiia 38 no 10 41-44 O '62
Use of pulsating d.c. in zonal electrophoresis. E.Manolov Lab.delo 8 no 5:58-60 My '62
Zonal electrophoresis of protein fractions, glyco- and lipoproteins in some neuroinfections [with summary in English]. A.F.Makarchenko, N.B.Man'kovskii, B.A. Roitrub Vrach.delo no.12:69-72 D '62.

ELECTROPHYSIOLOGY
Battery in a test-tube. S.Pisochynskyi. Znan.ta pratsia no.8:18 Ag '62.
Bures, Jan, Mojmir Petran, and Jozef Zachar. [Electrophysiological methods of research. Translated from the Czech] Elektrofiziologicheskii metody issledovaniia. Pod red. i s predisl. G.D.Smirnova. Moskva, Izd-vo inostr. lit-ry, 1962. 454 p.
Formation of a spinal cord dominant by the action of a direct current on an afferent nerve [with summary in English]. F.D.Sheikhon. Biul.eksp.biol.i med. 54 no.11:12-17 N '62.

ELECTROPHYSIOLOGY OF PLANTS
Electrophytogram of the response rhythms of plants to pulsed light stimulation. A.D.Semenenko, M.A. Khvedelidze, A.D.Semenenko. Dokl.AN SSSR 147 no.3 727-730 N '62.

ELECTROPLATING
Adhesion of galvanic coatings to an electronegative base. N.A.Marchenko, I.N.Gladkii, Z.S.Raiber. Zhur. prikl.khim. 35 no.11:2445-2449 N '62.
Effect of chlorine ions on the kinetics of cathodic deposition of an iron-nickel alloy. V.V.Sysoeva, A.L.Rotinian. Zhur.prikl.khim. 35 no.11 2430-2435 N '62.
Program-controlled automatic electroplating unit. I.A.Semenova. Med.prom. 16 no.6,41-44 Je '62.
Vainer, IA.V., and M.D.Dasoian. [Technology of electrochemical coatings] Tekhnologiia elektrokhimicheskikh pokrytii. Moskva, Mashgiz, 1962. 468 p.

ELECTROPLATING—EQUIPMENT AND SUPPLIES
Protection of electrolytic bath suspensions. V.A. Veitovich. Mashinostroitel' no.11:31 N '62.

ELECTRORETINOGRAPHY
Activation of the electroretinogram in the rabbit and its relation to the orienting reflex [with summary in English]. E.N.Sokolov. Zhur.vys.nerv.deiat. 12 no.1: 145-154 Ja-F '62.

ELECTROSTATICS
Principles for the normalization of protection from static electricity in the chemical industry I.S Roizen, B.L.Kaner. Zhur VKHO 7 no.6 626-632 '62.

ELECTROTHERAPEUTICS
Treatment of asthenopia with a weak galvanic current V.I Martynovskaia Med zhur Uzb no.3 71-72 Mr '62

ELEKTROSTAL'—AGGREGATES (BUILDING MATERIALS)
Industrial mastering of the production of agloporite in Elektrostal' M.P. Elinzon, S.G. Vasil'kov, IA.S Shtein. Sbor trud VNIINSM no.8 110-135 '62

ELEKTROSTAL'—CITY PLANNING
Malakhov, IA.I., and N.A.Pekareva. Elektrostal', Pod red. P.A.Volodina. Moskva, Gosstroiizdat, 1962. 126 p. (Opyt sovetskoi arkhitektury)

ELEKTROSTAL'—STEEL INDUSTRY
Department of labor at the "Elektrostal'" Plant. A.Tevelovskii. Sots.trud 7 no.11:48-52 N '62.

ELEPHANTIASIS
Total protein and its fractions in the blood serum and lymph in elephantiasis [with summary in English]. A.N.Retivinskii, S.A.Karpiuk. Klin.med. 40 no.10: 94-99 O '62.

ELISTA REGION—TECHNOLOGICAL INNOVATIONS
On black soils. G.Sorokina. Izobr.i rats. no.12:16-17 D '62.

ELLENDER, ALLEN JOSEPH, 1891-
An obscure story. I.A. Nov.vrem. 20 no.52:25 D '62.

ELLIPTIC FUNCTIONS see Functions, Elliptic

EMBANKMENTS see subdivision under Perm

EMBLEMS, NATIONAL
History of the Soviet National Emblem E.I. Kamentseva, A.N. Luppol. Vop ist. no.12:194-198 D '62.

EMBOLISM
Case of recovery from an embolism of the central artery of the retina through the use of heparin. A.N. Kokosov, Z.G.Poletaeva. Klin med. 40 no.10:129-130 O '62

EMBOMMA LANGUAGE see Congo language

EMBROIDERY, RUSSIAN
Donova, K.V. [Russian embroidery with pearls in the 16th to 17th centuries] Russkoe shit'e zhemchugom XVI-XVII vv Moskva, Izd-vo Akad khudozh SSSR, 1962 13 p. (Muzei Moskovskogo Kremlia)

EMBRYOLOGY
Histogenetic recapitulations in the development of the nervous system A.G Knorre Trudy Gos nauch.-issl psikhonevr inst 28:235-243 '62

EMBRYOLOGY (BOTANY) see Botany—Embryology

EMBRYOLOGY—BIRDS
Changes in the amylase and phosphorylase activity in the development of a chicken embryo [with summary in English]. G.T.Adonts, R.R.Nersesian. Vop.biokhim. 2 153-158 '61.
Dynamics of phosphomonoesterase activity in the development of a chicken embryo [in Armenian with summaries in Russian and English]. G.T.Adonts. Vop. biokhim. 2 159-162 '61.

EMBRYOLOGY—MAMMALS
Model of phylogenic embryogenesis in the evolution of the brain. G.Z Levin Trudy Gos nauch.-issl. psikhonevr inst 28:163-234 '62.

EMBRYOLOGY, HUMAN
(see also subdivision under Italy)
Morphology of the sensory apparatus of ganglia in the solar plexus of human embryos and fetuses. M.T. Raiskaia. Uch.zap.Volg.gos.ped inst. no.13:153-159 '61.
Segmental lung structure in fetuses, neonates and infants [with summary in English]. B.S Demidov. Pediatriia 41 no.8 66-69 S '62.

EMIGRATION AND IMMIGRATION
"International migration of the labor force in the capitalist system of world economy" by E.Pletnev, Reviewed by A.Shlepakov. Mir.ekon.i mezhdunar.otn. no.12:126-127 D '62.

EMISSION, SECONDARY ELECTRON see Secondary electron emission

EMOTIONS
Emotional disorders in atherosclerosis of the vessels of the brain. K.A.Bobkova. Trudy Gos.nauch.-issl. inst.psikh. 25 36-46 '61.
Simonov, P.V. [K.S.Stanislavskii's method and the physiology of the emotions] Metod K.S.Stanislavskogo i fiziologiia emotsii. Moskva, Izd-vo Akad. nauk SSSR, 1962. 137 p.

EMPLOYEE SUGGESTIONS see Suggestion systems

EMPLOYEES, DISMISSAL OF
(see also subdivision under Donskoy, Tula Province, Karaganda; Novaya Kakhovka)
In the Supreme Court of the R.S.F.S.R Okhr.truda i sots.strakh. 5 no.11 11 N '62.

EMPLOYEES, IDENTIFICATION OF see Labor passports

EMPLOYEES' BUILDINGS AND FACILITIES
In the Sanitary Engineering Research Institute of the Academy of Construction and Architecture of the U.S.S.R., sanitary engineering equipment for industrial enterprises. V.I. Fel'dman Vod. i san tekh no.9 36-39 '62

EMPLOYER'S LIABILITY
(see also subdivision under Leningrad)
Compensation for damages. G.Simonenko. Sov. profsoiuzy 18 no.22:36-39 N '62.
Examination of requests for compensation for work injuries. F.Fedorov. Sov.iust. no.22:15-16 N '62.
In the Supreme Court of the R.S.F.S.R. Okhr.truda i sots.strakh. 5 no.11:44 N '62
Industrial accidents and liability in cases of contributory negligence. A.Kaftanovskaia, R.Livshits. Okhr truda i sots strakh. 5 no 11 36 N '62.
Labor protection. Sel'.mekh no.10:21 '62.
New forms of the legal regulation of liability for work injuries. L.Maidanik. Sov iust. no.10:4-5 My '62.

EMPLOYMENT OF STUDENTS see Student employment

EMULSIONS
Breaking of emulsions by freezing. V.I. Borisikhina, L.D.Skrylev, S.G.Mokrushin. Zhur.prikl.khim. 35 no.11.2563-2565 N '62.

EMULSIONS, PHOTOGRAPHIC see Photographic emulsions

ENAMEL AND ENAMELING

Adhesion of simple boron enamels to low-carbon steel. A. A. Perminov. Izv. vys. uchib. zav., chern. met. 5 no. 11 150-155 '62

Effect of the granulometric composition of dross on the properties of various primings for wet coating of cast iron [with summary in German] P. Paukss, J. Eldins. Izv. AN Latv. SSR no. 3:77-86 '61

Glasses of the system N_2O - ZnO - Al_2O_3 - P_2O_5 as a base of enamels for aluminum. V. V. Vargin, T. S. TSekhomskaia. Zhur. prikl. khim. 35 no. 11 2364-2368 N '62

ENCEPHALITIS

Diagnosis of subclinical forms of tick-borne encephalitis [with summary in English]. S. S. Magazanik, V. V. Pogodina. Klin. med. no. 9:40-46 '62.

ENCEPHALOMYELITIS

Golik, N. I., and E. V. Millulina. [Multiple sclerosis and acute disseminated encephalomyelitis] Mnozhestvennyi skleroz i ostrye diseminirovannye entsefalomielity. Moskva, Medgiz, 1962. 113 p. (Biblioteka prakticheskogo vracha) (DNLM)

ENCYCLOPEDIAS AND DICTIONARIES

Encyclopedias on special fields of knowledge. Nar. khoz. Uzb. 4 no. 9 94-95 S '62.

ENCYCLOPEDIAS AND DICTIONARIES, UKRAINIAN

[Soviet Ukrainian encyclopedia] Ukrains'ka Radians'ka entsiklopediia. Holovna red. kolegiia M. P. Bazhan ta inshi. Kyiv, Akad. nauk URSR
Vol. 9 Malak - Nakhichevan'. [1962] 668 p.

ENCYCLOPEDIAS AND DICTIONARIES, YUGOSLAV

"Forestry encyclopedia" (in Serbo-Croatian). Reviewed by A. Al'benskii. Les. khoz. 15 no. 7:84 Jl '62

ENDIVE

Biological characteristics of Cichorium endivia L. S. N. Shilova. Trudy po prikl. bot., gen. i sel. 34 no. 2 17-49 '61

ENGELS, FRIEDRICH, 1820-1895

From F. Engels's correspondence with P. Lafargue. Polit. samoobr. 8 no. 12:19-23 D '62

"Karl Marx and Friedrich Engels; their lives and works" by O. Cornu. Vol. 2 (1844-1845). Translated from the German. Reviewed by A. P. Petrashik. Vop. filos. 16 no. 11 174-178 '62.

Marx, Karl, and Friedrich Engels. [Works] Sochinenila. Izd. 2. Moskva, Gospolitizdat.
Vol. 22. 1962. 804 p.

The role of tribal relations in primitive society. K. I. Vlasov. Vop. filos. 16 no. 11:139-140 '62.

ENGINEERING

The 1962 conference of the Moscow Engineering and physical Institute. Atom. energ. 13 no. 6 603-606 D '62.

ENGINEERING GEOLOGY
(see also subdivision under Tatar A. S. S. R.)

[illegible] plotin. Pod obshchei red. M. P. Semenova. Moskva, Gosstroiizdat, 1962. 353 p.

ENGINEERING GEOLOGY—MAPS

All-Union conference on problems of map making for purposes of engineering geology. A. I. Belokoiskii, V. P. Bochkarev. Izv. AN Kazakh. SSR Ser. geol. no. 5:120-121 '62.

Principles and methods for compiling general areal maps of the U. S. S. R. on a 1:1,500,000-1:2,500,000 scale. M. V. Churinov, I. M. TSvpina, V. P. Lazareva. Sov. geol. 5 no. 11 112-114 N '62.

ENGINEERING INSTRUMENTS

Pick-ups as "sense organs" of automats. L. Grinitev. Nauka i zhizn' 29 no. 10 73 O '62

ENGINEERING MODELS
(see also subdivision under Great Britain)

Using schematic models of underground piping. Yu. S. Demilanenko. Vod. i san. tekh. no. 10:31 O '62.

ENGINEERING TOLERANCES see Tolerance (Engineering)

ENGINES—LUBRICATION

Cleaning the lubrication systems of engines. G. Ardashev. Sel'. mekh. no. 10 37 '62.

ENGLAND—COLONIES—AFRICA see Africa—English colonies

ENGLISH BEAN see Broad bean

ENGLISH DRAMA—HISTORY AND CRITICISM

New English drama. L. Vnukov. Vop. lit. 6 no. 10:170-171 O '62.

ENGLISH LANGUAGE—DICTIONARIES—KAZAKH

[English-Kazakh dictionary, 5,300 words] Anglo-kazakhskii slovar', 5,300 slov. Posobie dlia srednei shkoly. [By] S. G. Akhmetova. Moskva, Gos. izd-vo inostr. i natsional'nykh slovarei, 1960. 303 p.

ENGLISH LANGUAGE—DICTIONARIES—RUSSIAN

Arakin, V. D., Z. S. Vygodskaia, and N. N. Il'ina, comps. [English-Russian dictionary. Approximately 34,000 words] Anglo-russkii slovar'. Okolo 34 000 slov. Izd. 4., ispr. i dop. Moskva, Gos. izd-vo inostr. i natsional'nykh slovarei, 1962. 988 p.

Polomkina, S. K., and G. M. Ualzer, comps. [The learner's English-Russian dictionary for English-speaking students. Approximately 3,500 words. Moscow, State Publishing House of Foreign and National Dictionaries, 1962. 655 p.

Marchenko, V. G., and others, comps. [English-Russian naval dictionary. Approximately 40,000 words and phrases] Anglo-russkii voenno-morskoi slovar'. Pod red. N. G. Morozovskogo. Okolo 40,000 slov i sochetanii. Moskva, Voenizdat, 1962. 851 p.

ENGLISH LANGUAGE—GRAMMAR

Matveev, N. K. [Practical course in the English language] Prakticheskii kurs angliiskogo iazyka, posobie dlia pervogo goda obuchenila v vuzakh. 2. izd. Moskva, Vysshaia shkola, 1962. 255 p.

ENGLISH LANGUAGE—TECHNICAL ENGLISH

Bag, E. IA., N. A. Nechaeva, and E. S. IAralova. [Textbook of the English language for evening school faculties and departments of higher technical institutions] Uchebnik angliiskogo iazyka dlia vechernikh fakul'tetov i otdelenii vysshikh tekhnicheskikh uchebnykh zavedenii. Izd. 2., ispr. i dop. Moskva, Vysshaia shkola, 1962. 204 p.

ENGLISH LANGUAGE—TEXTBOOKS FOR FOREIGNERS

Bag, E. IA., N. A. Nechaeva, and E. S. IAralova. [Textbook of the English language for evening school faculties and departments of higher technical institutions] Uchebnik angliiskogo iazyka dlia vechernikh fakul'tetov i otdelenii vysshikh tekhnicheskikh uchebnykh zavedenii. Izd. 2., ispr. i dop. Moskva, Vysshaia shkola, 1962. 204 p.

ENGLISH LANGUAGE—VERB

The problem of indirect transition in the English language. L. A. Umaeva. Izv. AN Azerb. SSR, Ser. obshchestv. nauk no. 10 67-70 '61

The role of word combinations in the differentiation of meaning, based on studies of English verbs with auxiliary prepositions. L. A. Umaeva. Izv. AN Azerb. SSR Ser. obshchestv. nauk no. 9 47-56 '62.

ENGLISH LITERATURE—HISTORY AND CRITICISM

Articles on English literature in peripheral publications of higher educational institutions. N. Elshiakina. Vop. lit. 6 no. 11 222-229 N '62

ENGRAVINGS

Prints are a beautiful and modern art. K. Bunov. Sov. knizh. torg. 14 no. 11:28 '62.

ENGURAZOV, IZMAIL IBRAGIMOVICH, 1908-1962

Izmail Ibragimovich Engurazov, an obituary. Geol. nefti i gaza 6 no. 10 62 O '62

ENSEMBLES (MUSIC), CROATIAN see subdivision under Moscow

ENSEMBLES (MUSIC), GERMAN see subdivision under Moscow

ENSEMBLES (MUSIC), KOREAN see subdivision under Moscow

ENSEMBLES (MUSIC), MONGOLIAN

The smile of Suomi. G. Ad'ia. Sovr. Mong. 7 no. 8 8-9 Ag '62

ENSILAGE

Corn ensilage with the dry "SKR" biological preparation. V. P. Roshchin, L. N. Galiamin, S. E. Murovskii. Zhivotnovodstvo 24 no. 9 50-52 S '62.

Mechanized method for introducing carbamide into silage. M. A. Vorotilov. Zhivotnovodstvo 24 no. 9 11-13 S '62.

Os'mak, I. T. [Machines for harvesting and ensilaging green fodder] Mashiny dlia uborki i silosovaniia zelenykh kormov. Moskva, Mashgiz, 1961. 106 p.

Recommendations for ensilage. Zhivotnovodstvo 24 no. 9 55-56 S '62.

Sugar beet ensilage. A. A. Berezovskii. Zhivotnovodstvo 24 no. 9 39-41 S '62.

ENTHALPY

Apropos of L. A. Brovkin's article "Effect of an increase in the measurable mean temperature and the heat content of certain insulated bodies in the process of temperature balancing." E. E. Shpil'rain, B. I. Stefanov. Inzh.-fiz. zhur. 5 no. 6:126-131 Je '62.

Experimental study of the enthalpy of tungsten in the temperature range from 350° to 2900°K [with summary in English] V. IA. Chekhovskoi, B. IA. Shmatskii, K. A. IAlimovich. Inzh.-fiz. zhur. 5 no. 10:14-19 O '62

ENTIRE FUNCTIONS see Functions, Entire

ENTOMOLOGICAL RESEARCH
(see also subdivision under Kaliningrad; Kirghiz S. S. R.)

Notes on the method of mowing for entomological purposes. V. A. Mukhin. Uch. zap. Volgogr. gos. ped. in-ta, biol. no. 13:142-148 '61

ENTOMOLOGY—DICTIONARIES

"Dictionary-handbook for the entomologist" [illegible] by A. I. Efimov. Zashch. rast. ot vred. i bol. 7 no. 7 60-61 F '60

ENTROPY

Thermodynamic properties of the spin system of [illegible] potassium sulfate. K. P. Stishkov. Fiz. tver. tela 4 no. 10:2916-2947 O '62.

ENZYMES

Activity of some enzymes in achlorophyllic pollen [with summary in French]. L. A. Khalmovich. Bot. zhur. 47 no. 8:1205-1210 Ag '62

Present-day achievements in the study of the [illegible] and enzymatic systems in the metabolism of [illegible] amines. V. Z. Gorkin. Vest. AMN SSSR 17 no. 2:31-38 '62.

Some results of and prospects for the study of enzymatic conversions of polysaccharides and the carbohydrate components of glycoproteins in the body. [illegible] feld. Vest. AMN SSSR 17 no. 9:58-40 '62.

EOSINOPHILES

Eosinopenic reaction (Thorn's test) and the excretion of 17-ketosteroids in attacks of bronchial asthma [illegible] trila 41 no. 9:54-56 S '62.

Mechanism of the eosinopenic reaction in [illegible] states [with summary in English]. M. G. Kolpakova, K. G. Potekhin, V. I. Fedenkov. Biul. eksp. biol. i med. 54 no. 11:36-38 N '62.

EPIC POETRY

"The folk epic" by V. M. Zhirmunskii. Reviewed by M. K. Khamitov, S. Sadyrbaev. Vest. AN Kirg. SSR 8 no. 11 94-95 N '62

EPIC POETRY, LITHUANIAN—HISTORY AND CRITICISM

New paths of the poem. V. Kubilius. Vop. lit. 6 no. 11 69-83 N '62

EPICHLOROHYDRIN

Active dyes based on epichlorohydrin. P. P. Laz'ko, T. A. Korotenko. Izv. vys. uch. zav., Khim. i khim. tekh. 5 no. 1:036-041 '62.

Epoxide resins on the basis of substituted epichlorohydrins. V. I. Isagulianta, V. V. Balashova. Zhur. prikl. khim. 35 no. 11:2477-2482 N '62.

EPIDIDYMIS—TUMORS

Clinical and morphological aspects of [illegible] the epididymis and spermatic cord. [illegible] Romanchuk. Urologila no. 5:65-67 '62

EPIDOTE see subdivision under West Siberian Plain

EPILEPSY

Changes in the interoceptors of the pia mater [illegible] disorders of cerebral circulation in the genesis of a spasm syndrome. Report No. 1: Changes in the [illegible] ral apparatus of the pia mater in epilepsy. A. A. [illegible] chaturian. Trudy Gos. nauch.-issl. inst. psikh. 25 670-703 '61.

Changes in the interoceptors of the pia mater [illegible] disorders of cerebral circulation in the genesis of a spasm syndrome. Report No. 2: Change in the [illegible] apparatus of the pia mater in experimental [illegible] a spastic seizure. A. A. Khachatur'ian. Trudy [illegible] nauch.-issl. inst. psikh. 25:704-707 '61.

Epileptiform syndrome in myocardial infarction [illegible] mary in English]. N. K. Bogolepov, I. G. [illegible] Vrach. delo no. 12:6-12 D '62.

Experimental analysis of epileptic discharge [illegible] in electric stimulation of the hippocampus [illegible] mary in English]. A. I. Shumilina, N. A. Ivanova. Biul. eksp. biol. i med. 54 no. 11:3-7 N '62.

Mechanism of persistent paralysis following a [illegible] seizure; a clinical observation. V. A. Kovlov, B. S. IAmpol'skaia. Klin. med. no. 9:153-154 '62.

Two cases of Morgagni-Adams-Stokes syndrome [illegible] seizures of local epilepsy. V. A. Grigor'eva. Klin. med. no. 9, 141-143 '62.

EPOXY RESINS

Concerning some dielectric properties of epoxy [illegible] tion. E. K. Dobrer. Vest. elektrotekhn. 33 no. 11 19 D '62.

Epoxide resins on the basis of substituted epichlorohydrins. V. I. Isagulianta, V. V. Balashova, [illegible] khim. 35 no. 11:2477-2482 N '62.

...ide resins by a carboxyl contain... copolymer in films. A. D. IAkovlev, ...skaite. Izv. vys. uch. zav., khim. i khim. ...:612-616 '62.

...ves at the Nakhodka ship repair plant ... no. 12:45 D '62.

...nomic equality and communism. N.B. Vop. filos. 16 no.11:127-138 '62

...STATE ...light in carbonic acid and its relation to the ...state [with summary in English]. III.D. ...P. Skvortsov, E.N Gorbunova. Ukr. fiz ...7:787-792 Jl '62.

...ROOTS OF ...ysis method for calculating the roots of ...the equations containing first and second ...l functions [with summary in English] ...Inzh.-fiz. zhur. 5 no.10:77-81 O '62

...VAPOR-LIQUID see Vapor-liquid

...see Dynamometer

...secondary infection of rye raised for the ...f ergot. V.S. Sinitskii. Bot. zhur. 47 ...1487 O '62.

...DOR FEDOROVICH, 1842-1915 ...nts on P.F. Erisman. V.A. Bazanov. Sov. ...no. 12:135-141 '62

...EMICAL PLANTS ...f enterprises of the chemical industry. ...ikian. Prom. stroi. 40 no.11:31-34 '62.

...MMUNIST PARTY OF THE SOVIET UNION—RK ...A. [Party organization and the mass organi-...rkers] Partiinaia organizatsiia i massovye ...trudiashchikhsia. Moskva, Gospolitizdat, ...(Bibliotechka sekretaria pervichnoi partii-...tsii)

...MPRESSORS ...ssor design. R. Dorbinian. Prom. Arm. ...-51 N '62.

...EC'TRIC EQUIPMENT INDUSTRY ...c effect amounts to 205,000 rubles. ...v. Prom. Arm. 5 no.11:44-46 N '62.

...OTCH PINE—WATER REQUIREMENTS ...veen the yellowing of Scotch pine needles and ...of water balance in the Erivan Botanical ...A. Papikian. Izv. AN Arm. SSR, Biol. nauki ...0-42 N '62

...FFIC FORMULA see Queuing theory

...I, IAKUB ...man": stories by IAkub Ermolovich, Re-...IA. Hertsovich. Belarus' 19 no.12:28 D

...subdivision under Altai Territory, ...gion; Volgograd Province, White

...SILIN ALEKSANDROVICH, 1898-1962 ...androvich Ershov, an obituary. Zhur. nevr. ... no. 8:1278 Ag '62.

...of therapeutic schemes in the treatment of ...with the peroral and intramuscular admin-...tetracycline [with summary in English] ...V. I. Cherkasov. Antibiotiki 7 no.9 ...'62.

...CRYSTALS ...al symmetry of pentaerythrite crystals. ...O. G Blokh. Kristallografiia 7 no.5 ...-O '62.

...TES ...emoglobin and erythrocytes in the blood of ...Novosibirsk kindergartens [with summary ...V. A. Balandina, D. I. Kaganovich, A. P. ... Pediatriia no.7:44-47 '62.

...nt of the form of mammalian erythrocytes. ...Probl. gemat. i perel krovi no.9:27-30 ...kov.

...reaction of the blood as an index of hypoxia ...gery under anesthesia and during the post-...period [with summary in English] M.I. ...A. Ostpova. Khirurgiia 38 no.10:44-50 O

...IESE ...regularities of erythropoiesis [with sum-...nglish]. A.D. Strzhizhovskii. Biul. eksp. ...64 no.11:102-105 N '62.

New designs of escalators and inclined tunnels. Transp. stroi. 12 no.10:52-53 O '62

ESCHERICHIA COLI

Effect of β-methylaspartic acid on the growth of Escherichia coli [with summary in English]. S.R. Mardashev, E.P. Feofilova, G.A. Galegov. Mikrobiologiia 31 no.3:391-395 My.-Je '62.

ESHPAI, ANDREI IAKOVLEVICH

Daragan, D.G. Andrei Eshpai. Moskva, Sovetskii kompozitor, 1960. 10 p. (Molodye kompozitory Sovetskogo Soiuza) (MH)

ESKIMO DOGS see subdivision under Irkutsk Province

ESOPHAGUS—BLOOD SUPPLY

Control of profuse hemorrhages from esophageal varices [with summary in English]. T.O. Koriakina. Vest. khir. 89 no.9:40-41 S '62.

ESOPHAGUS—FOREIGN BODIES

X-ray diagnosis of lesions of the pericardium and major vessels in foreign bodies in the esophagus [with summary in English]. M.K. Shcherbatenko. Klin. med. 40 no.10:113-117 O '62.

ESOPHAGUS—SURGERY

Case of the plastic formation of an artificial esophagus from the large intestine in simultaneous burns of the esophagus and stomach. M.P. Pavlovskii. Khirurgiia 38 no.10:116-117 O '62

Diagnosis of incompetent sutures in esophago-intestinal anastomoses. V.A. Ivanov. Vest. khir. 89 no.9:117-119 S '62

ESPIONAGE, UKRAINIAN see subdivision under Germany, West

ESSENCES AND ESSENTIAL OILS

Effect of harvesting dates on the yield and oil quality of vetiver. A.A. Pravdolubova, M.V. Kotliarova, V.N. Ivanova. Trudy Sukh. opyt. sta. efirnomasl. kul't. no.3/4:95-105 '61.

Effect of some essential oils on the dehydrogenase activity of Paramecium [with summary in English] M.M. Epshtein, S.M. Pilipavska. Mikrobiol. zhur. 24 no.2:44-48 '62

Essential oil from wastes of the aromatic group of tobacco. M.A. Koltun. Masl.-zhir. prom. 28 no.11:32 N '62.

Obtaining essential oil from mock orange (philadelphus). N.M. Gemikova. Masl.-zhir. prom. 28 no.11:31 N '62.

Obtaining oil from the roots of vetiver. M.V. Kotliarova. Trudy Sukh. opyt. sta. efirnomasl. kul't. no.3/4:106-123 '61.

ESTERIFICATION

Complex esterification of tall oil acids with methyl alcohol. V.P. Sumarokov, Z.M. Volodutskaia. Gidroliz. i lesokhim. prom. 15 no.8:12-14 '62.

Esterification of α,β-acetylenecarboxylic acids by the azeotropic method. E.I. Grinblat, V.IA. Kazakov. Izv. vys. uch. zav.; khim. i khim. tekh. 5 no.4:601-603 '62.

ESTONIA—DIATOMS

Diatoms of some peat bogs of the Baltic shore; the Estonian S.S.R. and Kaliningrad Province [with summary in English]. V.S. Sheshukova-Poretskaia. Uch. zap. LGU no.313:137-170 '62

ESTONIA—LABOR AND LABORING CLASSES

Rudnev, D.M. ["Pravda," Lenin's newspaper, from 1912 to 1914 and the workers' movement in Estonia] Leninskaia gazeta "Pravda," 1912-1914 gg. i rabochee dvizhenie v Estonii. Tallinn, Estonskoe gos. izd-vo, 1962. 153 p. (MH)

ESTONIA—MOTION-PICTURE PLAYS

Pulse of creativity. N. Ignat'eva. Isk. kino no.11:50-53 N '62.

ESTONIA—TAR—TOXICOLOGY

Toxicity of Estonian shale tars [with summary in English]. H.J. Janes. Gig. truda i prof. zab. 6 no.6 28-32 Je '62

ESTONIA—TECHNOLOGICAL INNOVATIONS

Introducing mechanization and automation in light industry of the Estonian S.S.R. IU.N. Vladychin. Mekh. i avtom. proizv. 16 no.11:41-44 N '62.

ESTONIAN ART see Art, Estonian

ESTONIAN LITERATURE—HISTORY AND CRITICISM

Kuusberg, Paul, ed. [About Estonian literature; literary studies. Translated from the Estonian] Ob estonskoi literature; literaturno-kriticheskie stat'i. Tallin, Estonskoe gos. izd-vo, 1956. 666 p. (CtY) (NNC)

ETAZOL

Treatment of trachoma with etazol and ronidase. D.A. Abduraimov. Med. zhur. Uzb. no.3:69-71 Mr '62

Determining the electrooptical parameters and intensities in infrared absorption spectra of methane and ethane. L.A. Gribov, E.M. Popov. Opt. i spektr. 13 no.5:663-667 N '62

ETHANOL

Synthesis of ethyl cellosolve. M.R. Leonov, I.A. Korshunov. Zhur. prikl. khim. 35 no.10:2321-2328 O '62.

ETHER (ANESTHETIC)

Shchit's effect produced with 3% ether. Z.V. Volkova. Vest. AMN SSSR 17 no.8:60-64 '62.

ETHERS

Mechanism of the extraction of hydrochloric acid with diethyl ether. E.I. Denisov. Zhur. VKHO 7 no.6 706-707 '62

Preparation of some amino- and alkyl-substituted phenyl-β-fluoroethyl ethers. I.V. Smirnova, I.L. Naumova, V.A. Andreeva. Zhur. VKHO 7 no.6 710-712 '62

ETHERS—SPECTRA

Physical studies in the area of unsaturated aryl ethers and their derivatives. Part V. Spectra of vinyl substitutes ethers of phenol. IU.L. Frolov and others. Zhur. struk. khim. 3 no.5:576-579 '62.

ETHICS

Sellyanov, F.A. [Ethics, essays] Etika; ocherki. Tomsk, Izd-vo Tomskogo univ., 1961. 184 p. (MH)

ETHICS, JEWISH

What the Jewish ethics teaches. T. Kychko. Voiov ateist 3 no.12:37-41 D '62

ETHIOPIA—BLACK FLIES

Genera of black flies (family Simulidae) of the Ethiopian region [with summary in English]. L.A. Rubtsov. Zool. zhur. 41 no.10,1388-1502 O '62.

ETHIOPIA—HISTORY

"How Ethiopia struggled for its independence, 1860-1960" by D.R. Voblikov. Reviewed by E.A. Kurginian. Vop. ist. no.12:136-140 D '62

ETHNIC TYPES see subdivision under Congo (Leopoldville), Mozambique

ETHNOLOGICAL MUSEUMS AND COLLECTIONS see subdivision under Latvia

ETHNOLOGY see subdivision under Cameroons, British

ETHNOLOGY—BIBLIOGRAPHY see Bibliography—Ethnology

ETHYL ACETATE

Continuous vapor-phase production of ethyl acetate. A.M. Chashchin, N.M. Lebedeva. Gidroliz i lesokhim. prom. 15 no.8:6-8 '62

ETHYL ALCOHOL

Charging curves on platinum and palladium in the presence of ethyl alcohol. D.V. Sokol'skii, I.T. Shanina. Trudy Inst. khim. nauk AN Kazakh SSR 8:3-10 '62.

Development of Acetobacter suboxydans and Acetobacter melanogenum in media containing ethyl alcohol [with summary in English]. S.A. Shchelkunova. Mikrobiologiia 31 no.3:507-511 My-Je '62.

Effect of X rays on the electrochemical oxidation of ethyl alcohol on a Pt-anode. S.A. Brusentseva, D.V. Kokoulina, P.I. Dolin. Dokl. AN SSSR 147 no.3:649-652 N '62.

ETHYLAMINE

Effect of cystamine on oxidizing phosphorylation in the spleen of irradiated white rats [with summary in English]. V.G. Vladimirov. Biul. eksp. biol. i med. 54 no.11:55-58 N '62.

ETHYLENE—OPTICAL PROPERTIES

Dynamic birefringence in polyethylene solutions [with summary in English]. T.I. Garmonova. Vest. LGU 17 no.22:72-76 '62.

ETHYLENE GLYCOL

Formation of heterocyclic compounds from amines and ethylene glycol. G.E. Morgun, M.S. Malinovskii, L.V. Glushkova. Ukr. khim. zhur. 28 no.7:852-854 '62.

ETHYLENE PHOSPHITE

Interaction of 2,3-dimethylbutadiene with ethylene- and propylene chlorophosphites. B.A. Arbuzov, L.A. Shapshinskaia, V.M. Erokhina. Izv. AN SSSR, Otd. khim. nauk no.11:2074-2076 N '62.

EUCALYPTUS

Root formation on the trunk of some species of Eucalyptus. M.V. Gerasimov. Bot. zhur. 47 no.10:1531-1533 O '62.

World conference on the eucalyptus. M.V. Gerasimov. Les. khoz. 15 no.10:45 O '62.

Temperature conditions in the preparation of eucommia seeds for germination. E.P.Zaborovskii, N.N Vasilieva Izv.vys.ucheb.zav., les.zhur. 4 no.5 168-170 '61.

EUDIOMETER
Pocket eudiometer for the blaster foreman. V.P.Kuz'min, A.T.Gordeev. Bezop.truda v prom. 6 no.12 23 D '62

EUPHAUSIACEA see subdivision under Indian Ocean, Pacific Ocean

EUROPE, EASTERN—AGRICULTURE—BIBLIOGRAPHY
Collections on agriculture in socialist countries. V.Balin Ekon.sel'khoz. 33 no.11 123-126 N '62

EUROPE, EASTERN—INDUSTRIAL MANAGEMENT—CONGRESSES
International conference on the problems of economics and the organization of production and labor. K.Gorfan Biul.nauch.inform. trud i zar.plata 5 no.11;7-13 '62

EUROPE, EASTERN—LABOR AND LABORING CLASSES—CONGRESSES
International conference on the problems of economics and the organization of production and labor. K.Gorfan Biul.nauch.inform. trud i zar.plata 5 no.11 7-13 '62

EUROPE, EASTERN—PEASANTRY
Third interrepublican symposium on the agrarian history of Eastern Europe [in Latvian]. H.Strods. Izv.AN Latv.SSR no.2 173-176 '61.

EUROPE, EASTERN—STATISTICS
New stage in the development of statistics in socialist countries. A.Fzhov Vest.stat. no.11 14-29 '62

EUROPE, WESTERN—DESCRIPTION AND TRAVEL
Filimonau, M.IA. [Reportage from a foreign land] Repartazh z chuzhoi ziamli. Minsk, Dziarzhvyd BSSR, 1962. 225 p.
Kukanov, A.A. [Way to the heart, a reporter's notebook] Doroga k serdtsu, reportazh. Tallin, Estonskoe gos. izd-vo, 1962. 87 p. (MH)

EUROPE, WESTERN—FOREIGN RELATIONS—UNITED STATES
European horizons of the Kennedy Government. B.Marushkin. Mezhdunar.zhizn' 10 no.1 53-61 Ja '63

EUROPE, WESTERN—INVESTMENTS, AMERICAN
American capital in Western Europe. M.Zakhmatov. Nov.vrem. 20 no.51 13-15 D '62.
Capital investments of the American monopolies in Western Europe. Mezhdunar.zhizn' 10 no.1;168-170 Ja '63.

EUROPE, WESTERN—PHYSICAL GEOGRAPHY
"Chrestomathy on physical geography; Western Europe" by L.A.Mikhailova, K.G.Tarasov, N.A.Dlin. Reviewed by T.Fishcheva. Geog.v shkole 25 no.6;81 N-D '62

EUROPEAN ATOMIC ENERGY COMMUNITY
Euratom, race of nuclear armament. N.Isaev. Mezhdunar.zhizn' 10 no.1;114-119 Ja '63.

EUROPEAN COMMON MARKET (1955-) see European Economic Community

EUROPEAN CORN BORER see subdivision under Kabardino-Balkar A.S.S.R.; Moldavia

EUROPEAN ECONOMIC COMMUNITY
"Common Market," a danger for Africa. T.Serezhin. Az.i Afr.segodnia no.12;56-57 D '62.
"Common Market" means neocolonialism. L.Skomorokhov. Az.i Afr.segodnia no.11;15 N '62.
Problems of contemporary capitalism. Mir.ekon.i mezhdunar.otn. no.12;69-79 D '62.
The right-wing offensive at the congress of British trade unions. Harry Evans. Vsem.prof.dvizh. no.11; 12-15 N '62.

EUROPEAN ECONOMIC COMMUNITY COUNTRIES—AGRICULTURE
Peasants and imperialist integration. V.Martynov. Kommunist 39 no.1;109-115 Ja '63.

EUROPEAN ECONOMIC COMMUNITY COUNTRIES—FOREIGN ECONOMIC RELATIONS—STATES, NEW
Monopolies are enemies of new states. L.Stepanov. Kommunist 39 no.1;115-120 Ja '63.

EUROPEAN ECONOMIC COMMUNITY COUNTRIES—LABOR AND LABORING CLASSES
"Common market" and the laboring classes. T.Timofeev. Kommunist 39 no.1;101-108 Ja '63.

EUROPEAN WAR, 1914-1918 see subdivision under United States

EUROPEAN WAR, 1914-1918—DIPLOMATIC HISTORY
Russia's position in the Entente during the First World War [in Georgian with summary in Russian]. I.Tabagua. Trudy Tbil.GU 87;59-78 '60.

EUROPIUM
Determining the spin of Eu^{152m} [with summary in English] V.M.Lobashov, V.A.Nazarenko, L.F.Saenko. Zhur.eksp.i teor.fiz. 43 no.5 1579-1581 N '62.

EURYGASTERS
(see also subdivision under Azerbaijan, Stavropol Territory, Ukraine)
Mist spraying of chlorophos against the shield bug Eurygaster integriceps. D.M.Paskin and others. Zashch.rast.ot vred.i bol. 7 no.2 20-21 F '62

EURYGASTERS—EXTERMINATION see subdivision under Stavropol Territory

EUTECTICS
Effect of phosphorus on the graphitization of iron-carbon alloys and the structure of phosphide eutectics in cast iron. A.A.Zhukov. Fiz.met.i metalloved. 14 no.5, 715-726 N '62.

EVAPORATION
Coefficients of separation of the carbon isotopes C^{12}-C^{14} during the equilibrium vaporization of methane. O.V.Uvarov and others. Zhur.VKHO 7 no.6 695-697 '62.

EVENING AND CONTINUATION SCHOOLS
(see also subdivision under Lugansk, Odessa)
Let's concentrate our attention on education. F.Blazhenko. Prof.-tekh.obr. 19 no.7;31 Jl '62.
On-the-job training of workers. A.Ivanenko. Prof.-tekh.obr. 19 no.8 26-27 Ag '62.
Searching for new paths. N.Novikov. Prof.-tekh.obr. 19 no.8 27-28 Ag '62.
Systematization of knowledge during the teaching of physics in the schools for working youth. S.M.Ronfel'd. Fiz.v shkole 22 no.5;91-93 S-O '62

EVENKI NATIONAL AREA—ECONOMIC CONDITIONS
New life of the Evenki. K.Kuzakov. Sov.potreb.koop. 6 no.9 42-43 S '62.

EVERGREENS see subdivision under Georgia

EVERLASTING FLOWERS
Dependence of the antibacterial properties of Arenarine on the time of harvesting of Immortelle and on other factors [with summary in English] O.IA.Rushba, H.O.Mostovova. Mikrobiol.zhur. 24 no.2 48-55 '62

EVIDENCE, CIRCUMSTANTIAL
Trial of criminal cases based on circumstantial evidence. I.Kurnikov. Sov.just. no.22,11-13 N '62.

EVOLUTION
Histogenetic recapitulations in the development of the nervous system. A.G.Knorre. Trudy Gos.nauch.-issl.psikhonevr.inst. 28;235-243 '62
Model of phylogenic embryogenesis in the evolution of the brain. G.Z.Levin. Trudy Gos.nauch.-issl.psikhonevr.inst. 28;163-234 '62.

EVORON REGION—RUSGUNIELLA
Rusguniella skrjabini a new species of nematodes from sandpipers. Khuan Shen-I [Huang Sheng-i]. Trudy Gel'm.lab. 11;309-313 '61.

EVORON REGION—ZYGOCOTYLE
First case of the discovery of the trematode Zygocotyle lunatum (Diesing, 1835) in the U.S.S.R. Khuan Shen-I [Huang Sheng-i]. Trudy Gel'm.lab. 11;319-321 '61.

EVPATORIYA—CHILDREN—HOSPITALS
From the editor's mail. Sov.deput.trud. no.12;81 D '62.

EXCAVATING MACHINERY
Calculating dynamic loads in excavator gears during bucket stopping. D.A.Kaminskaia. Izv.vys.ucheb.zav., mashinostr. no.8;168-177 '62.
Changing the design of the central reversing gear bearing on the E-505 and E-652 excavators. E.L.Isakovich, V.T.Khaifa. Mekh.stroi. 19 no.12;25-26 D '62
Efficient design of the bucket cutting teeth of a rotary excavator. V.IU.Chudnovskii. Ugol' Ukr. 6 no.11; 31-32 N '62.
Mounted equipment for the E-652 excavator for unloading inert materials. A.N.Radchenko. Mekh.stroi. 19 no.12,18-19 D '62.
New displays at the construction exhibition. A.Kozlov. Ekon.stroi. no.12;55-56 D '62.
The productive capacity of excavators at open-pit mines can be increased. B.Dygern. Na stroi.Ros. 3 no.9; 9-10 S '62.
Quantitative indices of the reliability of universal shovel excavators. A.V.Rumiantsev. Mekh.stroi. 19 no.12;16-17 D '62
Removable working part for the MKTS-2 trench excavator for work in frozen ground. V.I.Drozdov. Transp.stroi. 12 no.11;36-37 N '62.
The UTE-1 excavator for digging narrow trenches. A.Fabrikov. Tekh.v sel'khoz. 22 no.10;38-40 O '62.

K.Gorfunov. Na stroi.Ros. 3 no.9;8-9 S '62.

EXCAVATING MACHINERY—EQUIPMENT AND SUPPLIES
Reconditioning friction clutch blocks of the E-652 and E-352 excavators. N.I.Krichkov. Mekh.stroi. 19 no.10 28 O '62

EXCAVATING MACHINERY—SAFETY MEASURES
Danilov, P.P. [Handbook on accident prevention for the hydraulic excavator operator] Pamiatka po tekhnike bezopasnosti dlia gidromonitorshchika. Moskva, Gosstroiizdat, 1962. 30 p. (Tekhnika bezopasnosti v stroitel'stve)

EXCAVATING MACHINERY—SAFETY REGULATIONS
Nekliudov, M.K. [Safety regulations for shovel excavator operators] Pamiatka po tekhnike bezopasnosti dlia mashinista odnokovshovykh ekskavatorov. Izd.2., ispr. Moskva, Gosstroiizdat, 1962. 27 p. (Tekhnika bezopasnosti v stroitel'stve)

EXCAVATION
(see also subdivision under Omsk Province, Ryazan)
Mechanical breaking down of soils and rock. M.I. Smorodinov. [Trudy] NII osn. no.40;80-86 '62

EXCHANGES, LITERARY AND SCIENTIFIC
International book exchange. B.Kanevskii. Bibliotekar' no.12 47-48 D '62.
Strong friendship. I.Levitin. Bibliotekar' no.12;47-48 12 D '62

EXCITONS
Absorption and dispersion of light in the region of exciton transitions. V.S.Mashkevich. Fiz.tver.tela 4 no.11;3270-3285 N '62
Kinetic equation for excitons in Cu_2O crystals [with summary in English]. O.I.L'vov, P.P.Pavlin [et al.] Vest.LGU 17 no.22;23-28 '62.
Light dispersion in the region of exciton absorption in ionic crystals containing microdefects. III. P.I.Arseni Fiz.tver.tela 4 no.12;3512-3521 D '62.
Making allowance for surface excitons in the theory of electromagnetic waves in crystals. G.I.Rashba, S.I.Pekar. Fiz.tver.tela 4 no.10;2818-2819 O '62
Optical properties of a phenanthrene single crystal in the region of main exciton absorption bands [with summary in English]. M.S.Brodin, A.S.Krochik, Ukr. fiz.zhur. 7 no.11;1205-1213 N '62.
Role of defects in the exciton luminescence of molecular crystals. IU.V.Kanobeev. Fiz.tver.tela 4 no.12; 3634-3640 D '62.
Temperature variation in the width of the spectrum of electron paramagnetic resonance in the system titanium - oxygen TiO_x (x = 1.5 ÷ 2.0). M.P.Volkova, N.I. Domidenko. Fiz.tver.tela 4 no.11,3317 [illegible] '62
Theory of impurity absorption near exciton bands in the case of isotope substitution. E.I.Rashba. Fiz.tver.tela 4 no.11;3301-3320 N '62.

EXCITONS—SPECTRA
Bound excitons and the band structure in cadmium sulfide crystals. E.F.Gross, B.S.Razbirin, V.I.Sokolov. Fiz.tver.tela 4 no.12;3673-3675 D '62.

EXECUTIONS (LAW)
Exaction of payments for the support of children from the copyright royalties of workers and employees. I.Grinberg. Sov.just. no.10;10-11 My '62
Let us improve procedure in the execution of decisions of arbitration agencies. P.Lilienman. Sov.just. no.22;17-18 N '62.
Marshals of the courts are still waiting for the enactment of new regulations. A.Arndt-Bluthev. Sov.just. no.23;21 D '62
We should regularize the exaction of adjudged sums. N.Antkin. Sov.just. no.12;15 Je '62

EXECUTIVES see subdivision under United States

EXERCISE THERAPY
Askerov, A.A., and E.I.Kovalev. [Medical control of physical exercises for elderly subjects] Vrachebnyi kontrol' pri zaniatiiakh fizicheskimi uprazhneniiami s starshemi vozrasta. Moskva, Medgiz, 1962. 184 p. (DNLM)
Exercise therapy for contracture patients. V.D.Lipetskaia. Vrach.delo no.12;123-124 D '62.
It can cure any disease. Kira Pushkareva. Ukra.A no.20;27 O '62.
Lobedev, A.A., ed. [Exercise therapy in obstetrics and gynecology] Lechebnaia fizkul'tura v akusherstve i ginekologii; posobie dlia vrachei zhenskikh konsultatsii i rodil'nykh domov. Moskva, Medgiz, 1962. 173 p. (DNLM)

EXHAUST SYSTEMS
Improved system of drawing-off waste gases from devices for the drying of mold surfaces. L.S.Khosgor [illegible] proizv. no.11;42 N '62.

EXHAUSTION see Fatigue

Architecture of world and international exhibitions and fairs. N. IA. Matveeva. Opyt zarub. stroi. no 5:5-102 '62.

EXISTENTIALISM see subdivision under Germany, West

EXPLOSIONS
Controlled explosion. V. Kononenko and others. Izobr. i rats. no. 12,4-6 D '62.
Experimental determination of the exponent of the polytropic curve for the detonation products of certain liquid explosives. V. A. Odintsov, V. S. Solov'ev, I. D. Fedotov. Izv. vys. ucheb. zav., fiz. no 5 86-88 '62.

EXPLOSIVES
Explosives with the simplest composition. D. M. Kushnarev, V. P. Pavlov. Shakht. stroi. 6 no. 11 24-25 N '62.

EXPLOSIVES IN WELDING
Welding by explosion. V. S. Sedykh and others. Svar. proizv. no. 5:3-6 My '62.

EXTRACTION (CHEMISTRY)
Effect of surface-active agents on the process of extraction of colloid-suspended mixed heavy metal ferrocyanides from their hydrosols by the method of emulsification. L. D. Skrylev, V. I. Borisikhina, S. G. Mokrushkin. Zhur. prikl. khim. 35 no. 11 2398-2402 N '62.
Effect of the nature of the organic solvent on the extraction of inner-complex compounds of thallium [with summary in English] V. V. Bagreev, IU. A. Zolotov. Zhur. anal. khim. 17 no. 7 852-857 O '62.
Extraction purification of silicon tetrachloride. V. N. Chernyaev, V. V. Kirpukhin, G. D. Chernukha. Zhur. prikl. khim. 35 no. 10 2161-2165 O '62.
Mechanism of the extraction of hydrochloric acid with diethyl ether. E. I. Denisov. Zhur. VKHO 7 no. 6 706-707 '62.
Selective solution by diethylene glycol of toluene - n heptane in countercurrent packed columns. M. A. Ustrikh, V. I. Brounshtein, V. N. Pokorskii. Zhur. prikl. khim. 35 no. 11 2454-2460 N '62.
Separation of indium and tin by extraction with alkylphosphoric acids. I. S. Levin. Zhur. prikl. khim. 35 no. 11 2368-2370 N '62.
Separation of iron by extraction for its quantitative determination [with summary in English] IU. B. Klotenik. Zhur. anal. khim. 17 no. 7 868-873 O '62.
Separation of mixtures of the higher alcohols and hydrocarbons by the extraction method. V. B. Kogan, T. S. Tolstova. Zhur. prikl. khim. 35 no. 10 2333-2335 O '62.

EXTREMITIES (ANATOMY)—BLOOD SUPPLY
Static characteristics of the vessels of the kidney and extremities [with summary in English]. V. M. Khatutin. Biul. eksp. biol. i med. 54 no. 11;22-26 N '62.

EXTREMITIES (ANATOMY)—WOUNDS AND INJURIES
Results of treating injuries of the extremities as revealed by data of the Medical Expert Commission for the Evaluation of Work Capacity in the city of Alma-Ata. A. A. Rozhkova, A. T. Turabaev. Zdrav. Kazakh. 22 no. 3:8-12 '62

EXTREMITIES, LOWER—BLOOD SUPPLY
Differential X-ray diagnosis of chronic obstruction of the arteries of the lower extremities [with summary in English]. E. M. Grapman. Klin. med. 40 no. 10: 82-86 O '62.

EYE—DISEASES AND DEFECTS
Clinical significance of the electrophoretic examination of blood protein fractions in eye diseases G. A. Sokolovskii. Vest. oft. no. 5:11-17 '62.
Radnot, Magda. [Atlas of eye diseases] Atlas glaznykh boleznei. Budapest, Akademiai Kiado, Vol. 2. 1963. 109 p. (DNLM)
Study of dark adaptation in glaucoma using a chamber with light filters. M. S. Trunov. Vest. oft. no. 5:34-36 '62.

EYE—SURGERY
Homotransplantation of cartilage following enucleation [with summary in English]. L. M. Bakin. Vest. oft. no. 5:47-53 '62.

EYE—TENSION see Intraocular pressure

EYE, INSTRUMENTS AND APPARATUS FOR
Electrokeratome for laminar transplantation of the cornea [with summary in English]. V. F. Zheleznova. Vest. oft. no. 6:44-47 '62.
Use of a cryoextractor in cataract extraction. R. Golemanova. Vest. oft. no. 5:74 '62.

EYELIDS—CANCER
Precancerous and cancerous diseases of the eyelids and conjunctiva. G. G. Ziangirova. Vest. oft. no. 5:3-6 '62.

FACIAL NEURALGIA see Neuralgia, Facial

FACTORIES—FIRE AND FIRE PREVENTION
Chirkin, G. S. [Safety engineering and fire prevention measures] Tekhnika bezopasnosti i protivopozharnaia tekhnika. Moskva, Vysshaia shkola, 1962. 223 p.

FACTORY LIBRARIES
(see also subdivision under Alma-Ata)
Created by bookloversrs. S. Erashkina. Bibliotekar' no 12 24-26 D '62.

FACTORY MANAGEMENT
Consolidated norms for preliminary determination of labor consumption in manufacturing parts L. N. Granovskii, P. V Nedorezov. Mashinostroitel' no. 11: 39-41 N '62.

FACTORY SANITATION
Profsoiuz rabochikh mashinostroeniia SSSR [Safety and industrial sanitation regulations for making boilers and metal constructions] Pravila tekhniki bezopasnosti i proiisvodstvennoi sanitarii pri proizvodstve kotel'nykh rabot i metallokonstruktsii. Utverzhdeny 29 avgusta 1961 goda Moskva, Mashgiz, 1962. 28 p

FAIRS
Architecture of world and international exhibitions and fairs. N. IA. Matveeva. Opyt zarub. stroi. no. 5:5-102 '62.

FALLOPIAN TUBES—RADIOGRAPHY
Hysterosalpingography in the diagnosis of tuberculosis of the internal genitalia [with summary in French]. M. M. Abramova, M. S. Lemina. Probl. tub. no 7:59-64 '62.

FALLOWING see subdivision under Ukraine

FALSE PERSONATION
Secrets of Metropolitan Sheptyts'kyi (to be concluded). S. Danylenko Volov stezat no. 8:45-51 Ag '62

FANS, MECHANICAL
Asymptotic method of calculating the bend of blades having a varying screw rate at high speeds of rotation. E. L. Torchinskaia. Nauch. trudy MGI no. 23 221-231 '58.
Kara, P. F., and G. A. Babak. [VTsNI 6 centrifugal fan] TSentrobezhnyi ventilliator VTsNI, 6. Moskva, Gosgortekhizdat, 1962. 46 p.
Principles of developing an asymptotic method of calculating the bend of blades. S. A. Tumarkin. Nauch. trudy MGI no. 23-217-219 '58.
Sidorov, M. D. [Handbook on air and gas blowing machines] Spravochnik po vozdukhoduvnym i gazoduvnym mashinam. Moskva, Mashgiz, 1962. 257 p.

FANTASY
Unique speech disorders of fanciful character expressed in atherosclerotic dementia. D. B. Golant. Trudy Gos. nauch.-issl. inst. psikh. 25 119-130 '61.

FAR EAST, SOVIET see Soviet Far East

FARADAY EFFECT
Faraday effect in a high magnetic field in crystals near the fundamental absorption edge. L. I. Korovin, E. V. Kharitonov. Fiz. tver. tela 4 no. 10;2813-2817 O '62
Faraday effect in indium antimonide at temperatures between 290° and 500°K IU. I. Ukhanov, IU. V Mal'tsev. Fiz tver. tela 4 no. 11;3215-3219 N '62.
Faraday effect in the infrared spectral region in silicon. IU. I. Ukhanov. Fiz. tver. tela 4 no. 10 2741-2745 O '62.

FARM BUILDINGS
Give reinforced concrete free play in rural construction. Sil'. bud. 12 no. 11,1-2 N '62.
Increase the efficiency of the capital investments in rural construction. S. Nefedov. Ekon. stroi. no. 12;18-23 D '62
Inspection of state farm construction carried out with its own resources. IA. Kottlerov. Den. i kred. 20 no 10, 62-66 O '62
Installation of pile foundations. G. Aizenberg. Sel'. stroi. no. 11, 11-12 N '62.
Precast reinforced concrete elements for agricultural construction. D. D. Lukhanov. Bot. i zhol.-bet. 6 no. 9;2 of cover, 394-396 S '62.
Topchii, D. N. [Agricultural buildings and structures] Sel'skokhoziaistvennyye zdaniia i sooruzhenila. Izd. 2., perer. i dop. Moskva, Gosstroiizdat, 1962. 398 p.
Why they build badly in Kostroma Province. P. Lipkin. Sel'. stroi. no. 11;25-26 N '62.
Work the way N G. Zahlada appeals to you to work. S Koval'chuk. Sil'. bud. 12 no. 11 3-4 N '62.

FARM BUILDINGS—HEATING AND VENTILATION
"This is good!" livestock breeders say. V. Petrov. Zhil.-kom. khoz. 12 no. 8;10-11 Je '62.

FARM BUILDINGS—VALUATION
Evaluating buildings on collective farms. A. Shevelev. Ekon. stroi. no. 12;51-53 D '62.

FARM LIFE see subdivision under Zhernovka (Semipalatinsk Province)
(see also subdivision under Belgorod Province, Chuvashia, Pochep District; Zaporozh'ye Province)
Ihnat'iev, H. P. [We are improving the management of our collective farm] Vdoskonaliuiemo kerivnytstvo kolhospom [Khariv] Kharkivs'ke knyzhkove vyd-vo, 1962. 38 p. (Na dopomohu vyvhaiuchym konkretnu ekonomiku)
Introduction of a scientifically grounded system of management on the "Peremoha" Collective Farm V F Zalnichkovs'kyi, S O. Kudym. Visnyk sil'hosp. nauky 5 no. 11;8-13 N '62

FARM MANURE
Deep plowing under of lupine and manure as a way of increasing their effectiveness. M. S. Zhukov, O. F Holi'tseva. Visnyk sil'hosp. nauky 5 no. 10 92-95 O '62.

FARM MANURE—TRANSPORTATION
Improved scraper conveyor for the removal of manure A. T. Karpov Zhivotnovodstvo 24 no 9 87-88 S '62
Self-dumping sledge. V. Konvisarov. Sel' mekh no. 10 29 '62.

FARM MECHANIZATION
(see also subdivision under Buryat-Mongolia, Konstantinovka District, Amur Province, Ukraine; White Russia)
Milk conveyor in action I Fl'shanskii Nauka i zhizn' 29 no 10 26-29 O '62.
Niadbal'skl, IA. A. [Motors are humming] Rakochuts' matory. Minsk, Dziarzh. sel'skahaspadarchae vyd-va BSSR, 1962. 27 p. (Bibliiatochka peradavoha vopytu)
Tiupko, V. A. [Over-all mechanization in cotton growing] Kompleksnaia mekhanizatsiia v khlopkovodstve. Moskva, Sel'khozizdat, 1962. 46 p. (DNAL)

FARM MECHANIZATION—STUDY AND TEACHING
Contribution of innovators to a school. M. Zimbalevskii, L. Kuberskii. Prof.-tekh. obr. 19 no. 7;19 Jl '62.
Discussion class. N. Poluos'mak. Prof.-tekh. obr. 19 no. 8;12 Ag '62.
Structure of sowing acreages. A. Tepliakov. Prof.-tekh. obr. 19 no. 7 16 Jl '62.
Visual aids for farm mechanization schools. F. Rozhko, M. Granovskii. Prof.-tekh. obr. 19 no. 8 25 Ag '62.

FARM PRODUCE—TRANSPORTATION
Establishment of work norms in transportation operations. Kh. Pechenyi. Tekh. v sel'khoz 22 no. 10 84-88 O '62.

FASCISM
(see also subdivision under Great Britain)
Fascism under a new make-up. A. Zholkver. Agitator no. 12 30-31 Je '62.

FASTENINGS—STANDARDS
Dimensions of through holes for fastenings. N. S. Galkin. Standartizatsiia 26 no. 12;42-45 D '62.

FAT TISSUE see Adipose tissues

FATH 'ALI, AKHUND-ZADA, 1812-1878
Great enlightener and democrat. Sh. M. Dzhafarov, Sh. F. Mamedov. Vop. filos. 16 no. 11;96-101 '62.
M. F. Akhundov and fine arts [in Azerbaijani with summary in Russian] Nureddin Gabibov. Izv. AN Azerb. SSR Ser obshchestv. nauk no 10,87-95 '62
M. F. Akhundov and Iranian enlighteners of the 19th century [in Azerbaijani with summary in Russian] Gamid Mamed-zade. Izv. AN Azerb. SSR Ser. obshchestv. nauk no. 10;25-35 '62
M. F. Akhundov's influence on the development of progressive social thought in Iran. A. M Agakhi. Izv. AN Azerb SSR Ser. obshchestv. nauk no 10;75-84 '62.
M. F. Akhundov's use of language and his skill as a playwright [in Azerbaijani with summary in Russian]. M I Adilov. Izv AN Azerb. SSR Ser obshchestv. nauk no. 10;57-64 '62.
M. F. Akhundov's views on causality [in Azerbaijani with summary in Russian]. R. G. Mamedov. Izv. AN Azerb SSR. Ser. obshchestv. nauk no. 10;65-73 '62.
M. F. Akhundov's views on materialism. A. O. Makovel'skii. Izv. AN Azerb. SSR. Ser. obshchestv nauk no. 10; 37-45 '62.
Mamedov, Nadir. [Literary work of M. F. Akhundov] Khudozhestvennoe tvorchestvo M. F. Akhundova Baku, Izd-vo Akad. nauk Azerbaidzhanskoi SSR, 1962. 149 p.
Mirza Fatali Akhundov, prominent Azerbaijani thinker of the 19th century (1812-1878). M. A. Ibragimov. Sov. zdrav. 21 no. 12;41-47 '62.
Story of the "Eastern poem" [in Azerbaijani with summary in Russian]. Shikhali Kurbanov. Izv. AN Azerb. SSR. Ser. obshchestv. nauk no. 10;13-23 '62.
Synonyms in M. F. Akhundov's comedies [in Azerbaijani with summary in Russian]. B. T. Abdullaev. Izv. AN Azerb. SSR. Ser. obshchestv. nauk no. 10;47-55 '62.
A work on Mirza Fatali Akhundov. Enver Mamedkhanly. Teatr 23 no. 11;127-129 N '62.

To prevent fatigue V Rozenblat. Okhr truda i sots strakh 5 no 11 18-19 N '62

FATIGUE, MENTAL

Effect of nervous strain on the requirement of the body for some vitamins [with summary in English]. G. A Arutiunov and others. Vop. pit. 21 no. 1 3-10 Ja-Ag '62.

FATIGUE TESTING MACHINES

The PMA-IPI machine for fatigue testing of metals subjected to repeated variable bending in the plastic area. L. A IAnkovskii, V. T. Stepurenko, IU. I. Babei. Nauch. zap. IMA AN URSR Ser mashinoved. 9 77-79 '62

FATTY ACIDS see Acids, Fatty

FAULTS (GEOLOGY)
(see also subdivision under Kara Kum, Kendyktas Ridge)

Role of diagonal faults in the mean latitudes of the northern hemisphere. A. V Volin Geog. sbor no. 15 71-94 '62

Role of the irregular rotation of the earth in the formation of deep planetary faults in the earth's crust M V Stovas. Geog. sbor no. 15; 29-44 '62

FEDERAL GOVERNMENT

How the White Russian S.S.R. helped to work out the constitutional forms of the Soviet Federation. S. P. Margunskii. Sov gos. i pravo 32 no. 12 81-88 D '62

Leninist stage in the Marxist theory of federation. E. V. Tadevosian Sov. gos. i pravo 32 no. 12 37-46 D '62.

FEDOROV, IVAN, d. 1583

Ivan Fedorov and problems of Ukrainian printing H. I. Koliada. Rad. lit. 6 no. 6 85-90 N-D '62.

FEED GRINDERS

High-capacity feed crusher. M. Starunskii. Sel' mekh no. 10 42 '62.

Processing of coarse fodder V. Fedan Tekh. v sel'khoz 22 no. 10 20-23 O '62.

FEED MECHANISMS

Automatic indicator of plunger position on a Pilgrim mill feed mechanism S. N. Kozhevnikov, A. V. Prazdnikov, V. I Loshkarev. Trudy Inst chern. met. AN URSR 16 105-111 '62.

FEED MILLS

Mechanized feed mill for swine-fattening farms. P Troshyn, L Bobovyk. Stil'. bud 12 no 11 10-12 N '62

Studying the grinding process of limestone as a component of mixed feeds. M. N. Zagrusevskii Trudy VNIIZ no 39 121-134 '60

FEED-WATER PURIFICATION

Electromagnetic system for feed water treatment. V. A. Vedeneev Energetik 10 no 10 7-8 O '62

News from foreign countries. Mor flot 22 no 11 45 N '62

Phosphate drum-mixer with a filter. L N. Airapetian. Energetik 10 no 11 21-22 N '62

Sectional cellulose filter for iron removal from condensates V. I Storonskii. Energetik 10 no 10 14-15 O '62

FEEDING

Current trends and subjects in studying the feeding of farm animals. P. D. Pshenychnyi. Visnyk sil'hosp. nauky 5 no. 10, 66-71 O '62.

FEEDS
(see also subdivision under Adamovka District, Bryansk Province)

Composition of mixed feeds supplementing corn. V. A. Kovarskii Zhivotnovodstvo 24 no. 9 52-54 S '62

Hygiene of feeds infected by fungi [with summary in English] T. D. Burdelev, V. G. Zhil'tsov. Izv. TSKHA no. 4 117-126 '62.

A KUT-3, 0 feed spreader. M. A. Makarov. Trakt. i sel'khozmash. 31 [i e. 32] no 11 36 N '62.

Mechanized preparation of combined fodder for pigs. F. Novobrantsev. Tekh. v sel'khoz. 22 no. 10; 24-26 O '62.

Mixed feed enriched with microingredients. J. Berzins. Izv. AN Latv. SSR no. 1 157-165 '61.

Overall mechanization of the cultivation of feed crops. P. Starikov, N. Chunarev. Tekh v sel'khoz. 22 no. 10; 6-11 O '62.

Processing of coarse fodder. V. Fedan. Tekh. v sel'khoz. 22 no. 10 20-23 O '62.

Tuhmin, B. N. [The A B C of feed units] Azbuka kormovykh edinits. Moskva, Sovetskaia Rossiia, 1962. 124 p. (Reshenia XXII s"ezda KPSS - v zhizn'!) (DNAL)

FEEDS—ANALYSIS

Determining amino acids in feeds [with summary in English]. V. G. Riadchikov. Izv. TSKHA no. 4; 218-227 '62.

Marfunin, A. S. [Phase relationship, optic properties, and geological distribution of feldspars] Polevye shpaty - fazovye vzaimootnoshenila, opticheskie svoistva, geologicheskoe raspredelenie. Moskva, Izd-vo Akad. nauk SSSR, 1962. 271 p. (Akademiia nauk SSSR, Institut geologii rudnykh mestorozhdenii, petrografii, mineralogii i geokhimii Trudy, no 78)

FELT BOOTS see Boots and shoes, Felt

FENCING

Temporary change of position in training fencers. M I Berger. Teor i prak fiz kult 25 no 9 56-57 S '62.

FEODOSIYA—HOSIERY INDUSTRY

Vanity? Precipitance? A Prokof'ev Izobr. i prats. no 11 35 N '62.

FERGANA—ANTIMONY ORES

Regularities in the location of high-grade mercury and antimony ores in deposits of southern Fergana. N A. Nikiforov, E. A. Pavlukovich, G. I Ponomarev. Zakonom. ra m polezn. iskop 5 207-228 '62

FERGANA—GEOLOGY, STRATIGRAPHIC

Palynologic foundation of the stratigraphic division of Jurassic sediments in the southwestern foothills of the Fergana Range (Kok-Yangak) K. A. Alimov. Vop. geol. Uzb. no. 2 76-85 '61.

FERGANA—MERCURY ORES

Regularities in the location of high-grade mercury and antimony ores in deposits of southern Fergana. N. A. Nikiforov, E. A. Pavlukovich, G. I. Ponomarev. Zakonom. ra m polezn. iskop. 5 207-228 '62

FERGANA—OIL FIELD BRINES—ANALYSIS

Importance in the general complex of geochemical studies of determining ammonium ions in waters of oil and gas-bearing formations. Kh A Ravikovich Geol nefti i gaza 6 no. 11; 45-48 N '62.

FERGANA—OIL RESERVOIR ENGINEERING—GRAPHIC METHODS

Use of the graphic method for determining the formation pressure in oil wells of the Fergana Valley fields. N. I. Rakhimova. Vop. geol. Uzb. no. 2, 188-191 '61.

FERGANA—PALYNOLOGY

Palynologic foundation of the stratigraphic division of Jurassic sediments in the southwestern foothills of the Fergana Range (Kok-Yangak). K. A. Alimov. Vop. geol. Uzb. no. 2 76-85 '61.

FERGANA—PETROLOGY

Finds of the cone-in-cone structure in the southern Fergana. I. A. Simonenko, E. V. Chikov. Vop. geol. Uzb. no. 2 114-119 '61.

FERGANA—RESERVOIR SEDIMENTATION

Calculating the runoff of bed load fractions by the use of clarification basins of irrigation systems on the Sokh and Khodzhabakyrgan Rivers. V. S. Sumarokov. Trudy GGI no. 90; 165-181 '62.

FERGANA—TAPIRS, FOSSIL

First find of tapiroids in the Eocene of Central Asia. E. I. Beliaeva. Biul. MOIP. Otd. geol. 37 no. 5, 142-145 S-O '62.

FERGANA—WATER, UNDERGROUND

Role of geological factors in the formation of underground waters in Quaternary sediments in the southwestern part of the Fergana artesian basin. N. Za-Ibrikdinov. Vop. geol. Uzb. no. 2; 207-214 '61.

FERMENTATION

Babakina, V. G. [Use of ferments in the manufacture of leather] Primenenie fermentov v proizvodstve kozhi. Moskva, Rostekhizdat, 1962, 230 p.

"Selected works" by Louis Pasteur. Reviewed by Z. G. Razumovskaia. Mikrobiologiia 31 no. 3; 570-571 My-Je '62.

FERMI SURFACES

Electrons in metals; introduction to the theory of Fermi surfaces. Part 2, Bands and zones [translated from the English]. J. M. Ziman. Usp. fiz. nauk 78 no. 4; 679-693 D '62.

FERRATE CRYSTALS

Effect of thermomagnetic treatment on natural ferromagnetic resonance in polycrystalline cobalt-manganese ferrates. M. A. Stel'mashenko, B. IU. Kapilevich Izv. vys. ucheb. zav. ,fiz. no. 5; 92-95 '62.

Temperature and frequency dependences of the line width of ferromagnetic resonance in garnet and spinel type ferrate monocrystals. IU. M. IAkovlev, B. M. Lebed' Fiz. tver. tela 4 no. 12; 3654-3662 D '62.

FERRATES

Calculation of pulse parameters of ferromagnetic plates and ribbon-type cores [with summary in English]. M. G. Vitkov. Avtom. i telem. 23 no. 12; 1686-1691 D '62.

nickel-zinc ferrates [with summary in English]. V. E. Mikitukov, N. M. Speranskii. Inzh.-fiz. zhur. 5 no. 6; 38-42 Je '62.

FERRATES—MAGNETIC PROPERTIES

Effect of small additions of yttrium, lanthanum, and cerium oxide on certain magnetic characteristics of magnesium-manganese ferrites and the X-ray spectra of transition metals in them [with summary in English]. L. E. Vainshtein and others. Poroshk. met. 2 no. 6, 72-80 N-D '62.

Partial dependence of magnetic permeability of ferrates in various magnetic states P. M. Rybak. Fiz. met. i metalloved. 14 no. 5; 778-781 N '62.

FERRATES—THERMAL PROPERTIES

Thermal conductivity and specific electric resistance of nickel-zinc ferrates [with summary in English] V. E. Mikitukov, N. M. Speranskii. Inzh.-fiz. zhur. 5 no. 6; 38-42 Je '62.

FERROCENE

α-Pyridylferrocene and 1, 1'-di-(α-Pyridyl)-ferrocene. A. N. Nesmeianov, V. A. Sazonova, A. V. Germanenkova. Dokl. AN SSSR 147 no. 3 631-634 N '62.

Ferrocenylmethylation by means of N, N-dimethylaminomethylferrocene and its iodomethylate. A. N. Nesmeianov and others. Izv. AN SSSR, Otd. khim. nauk no. 11; 1997-2001 N '62.

Hydrogen exchange of nonbenzenoid (ferrocene) aromatic systems. Report No. 1; Hydrogen exchange of ferrocene and mono- and diacetylferrocene with acids A. N Nesmeianov and others. Izv AN SSSR Otd. khim. nauk no. 11, 1932-1936 N '62.

o-Carboxy- and o-hydroxybenzoylferrocenes and their derivatives. A. N. Nesmeianov and others Izv AN SSSR, Otd. khim. nauk no. 11; 1990-1996 N '62

FERROCENEBORONIC ACID

Reaction of ferroceneboronic acids with copper phthalimide. A. N Nesmeianov and others. Izv. AN SSSR, Otd. khim. nauk no. 11; 2073-2074 N '62.

FERROCYANIDES

Effect of surface-active agents on the processes of coagulation of colloid-suspended mixed heavy metal ferrocyanides from their hydrosols by the method of ultrafiltration. L. D. Skiylev, V. I. Borisikhina, S. G. Mukushin. Zhur. prikl. khim. 35 no. 11; 2498-2502 N '62.

FERROELECTRIC SUBSTANCES

Characteristics of the spectra of electron paramagnetic resonance in ferroelectric ceramics containing titanium. M. P Votinov, N. I Demidenko. Fiz. tver. tela 4 no 11; 3211-3214 N '62

Ferroelectric properties of triglycine sulfate at high hydrostatic pressures I. S. Zheludev, N. A. Tikhomirova, V. M. Fridkin Kristallografiia 7 no. 5 792-797 S-O '62

On the criterion of ferroelectricity in microscopic theory I. I Ivanchik. Fiz. tver. tela 4 no 11; 3230-3238 N '62

Thermodynamic theory of ferroelectromagnetics A. I Mitsek, G. A. Smolenskii. Fiz. tver. tela 4 no 12; 3581-3592 D '62.

X-ray diffraction analysis of the antiferroelectric Pb_2MgWO_6 and the system of solid solutions Pb_2MgWO_6-$PbTiO_3$. A. I Zaslavskii, M. F Bryzhina Kristallografiia 7 no. 5 709-717 S-O '62

FERROMAGNETIC RESONANCE

Anisotropy of the spin wave spectrum in yttrium garnet single crystals. IU. M. IAkovlev. Fiz. tver. tela 4 no. 12; 3626-3633 D '62.

Effect of thermomagnetic treatment on natural ferromagnetic resonance in polycrystalline cobalt-manganese ferrates. M. A. Stel'mashenko, B. IU. Kapilevich Izv. vys. ucheb. zav. ,fiz. no. 5; 92-95 '62.

Temperature and frequency dependences of the line width of ferromagnetic resonance in garnet and spinel type ferrate monocrystals. IU. M. IAkovlev, B. M. Lebed' Fiz. tver. tela 4 no 12; 3654-3662 D '62.

FERROMAGNETISM

Antiferromagnetism of α-leboit. P. V. Gel'd and others Fiz. met. i metalloved. 14 no. 2; 298-300 Ag '62.

Effect of gamma radiation on the initial permeability of some ferromagnetic materials. E. Trinklers. Izv. AN Latv. SSR no. 2; 95-98 '61.

On the antiferromagnetic structure of chromium. V. E. Gomankov and others. Kristallografiia 7 no 5 701-702 S-O '62

On the theory of second-order phase transition from the ferromagnetic state to the ferromagnetic and ferroelectric states. G. M. Nedlin. Fiz. tver. tela 4 no 12 3568-3574 D '62.

Theory of the ferromagnetic Hall effect. E. I. Gurevich, I. N. IAsnievich. Fiz. tver. tela 4 no. 10; 2854-2860 O '62.

FERROSILICON—ELECTROMETALLURGY

Gas holes in a rotary furnace for making 90-% ferrosilicon. L. T. Zherdev and others. Izv. vys. ucheb. zav. chern. met. 5 no. 11; 70-75 '62.

FERROSILICON—SPECTRA

Studying the distribution of aluminum in ferrosilicon by the method of local spectrum analysis. L. A. Sviripova, P. V. Gel'd. Izv. vys. ucheb. zav., chern. met. 5 no. 11 196-201 '62

FERTILITY, HUMAN

Use of the case histories method in the study of marital fertility. N. A. Tauber. Zdrav. Ros. Feder. 6 no. 11 14-17 N '62.

FERTILIZATION OF PLANTS

Additional artificial pollination of red clover [with summary in English] N. S. Razin Trudy VNIIL no. 5 87-97 '58

Effect of the time of pollination on the succession in the development of kernels in corn ears T. T. Mynbaev Izv. AN Kazakh. SSR. Ser. bot. i pochv. no. 3:55-61 '62

FERTILIZER INDUSTRY

Assembly of the elements of a nitrate fertilizer plant B. P. Shitikov. Mekh. stroi. 19 no. 10:8 O '62

Mineral fertilizer industry of the Soviet Union. B. D. Mel'nik. Zhur. prikl. khim. 35 no. 10:2121-2130 O '62.

FERTILIZER INDUSTRY—LABOR PRODUCTIVITY see subdivision under Moscow region

FERTILIZERS AND MANURES

Bacterial fertilizers, their effectiveness and mechanism of action. E. N. Mishustin, A. N. Naumova. Mikrobiologiia 31 no. 3 543-555 My-Je '62.

Fertilizer mixed with insecticide. G. K. Kal'bergenov and others. Zashch. rast. ot vred. i bol. 7 no. 8 35 Ag '62.

Introduction of ammonium nitrate and superphosphate as a means of enriching the natural feed supply in ponds. L. N. Mamontova. Trudy sov. ikht. kom. no. 14:30-32 '62.

Kreglinkov, M. L. [Mechanization of the preparation and application of fertilizers] Mekhanizatsiia podgotovki i vnesenila udobrenii. 2. izd., dop. i ispr. Moskva, Sel'khozizdat, 1961. 302 p. (Uchebniki i uchebnye posobiia dlia podgotovki sel'skokhoziaistvennykh kadrov massovoi kvalifikatsii) (DNAL)

Mixed fertilizers as a means of increasing the productivity of swamp-fed ponds in the Latvian S.S.R. M. Matisone. Trudy sov. ikht. kom. no. 14,37-40 '62.

Present status of and prospects for the development of raw material supply reserves of phosphate fertilizers in the U.S.S.R. B. M. Gimmel'farb. Izv. AN SSSR. Ser. geol. 27 no. 11 32-40 N '62.

Production and uses of ammonia liquor and mixed liquid fertilizers. M. N. Nubiev. Uzb. khim. zhur. 6 no. 5: 5-10 '62.

Rubin, S. M., G. S. Bichutskii, and R. P. Brakengeimer. [Hydraulic mechanization in plant growing] Gidromekhanizatsiia v rastenievodstve. [Moskva] Mosk. rabochii, 1962. 26 p. (Ikh opyt dostupen vsem) (DNAL)

Scientific and Technical Conference on Transportation and Storage of Powdered Phosphate Raw Materials for the Production of Mineral Fertilizers. N. R. Brodovskii. Khim. prom. no. 10,777 O '62.

Using mineral fertilizers in ponds. A. I. Baranko, V. N. Bakhtina. Trudy sov. ikht. kom. no. 14:33-36 '62.

FERTILIZERS AND MANURES—TRANSPORTATION

Centralized transportation of fertilizers on fields. V. Arendarenko, M. Zelikson. Avt. transp. 40 no. 11: 13-14 N '62.

FIBERGLASS BOATS

Two-level superstructure made of plastics. I. N. Budasov, I. E. Gushchin Sudostroenie 28 no. 11: 44-45 N '62.

FIBRIN

Chemical characteristics of protein hydrolysate from fibrin [with summary in English]. B. Damberga. Izv. AN Latv. SSR no. 3:103-110 '61

FIBRINOGEN

Determination of the fibrinogen and fibrinolytic activity of the blood in pathological conditions. G. V. Andreenko. Probl. gemat. i perel. krovi no. 9:31-34 '62.

Interrelationship between the increase in fibrinogen concentration in dogs in radiation sickness and the activity of fibrinogenase [with summary in English]. K. V. Gordeeva. Biul. eksp. biol. i med. 54 no. 11: 39-42 N '62.

FIBRINOGENASE

Interrelationship between the increase in fibrinogen concentration in dogs in radiation sickness and the activity of fibrinogenase [with summary in English]. K. V. Gordeeva. Biul. eksp. biol. i med. 54 no. 11: 39-42 N '62.

FIBRINOLYSIS

Determination of the fibrinogen and fibrinolytic activity of the blood in pathological conditions. G. V. Andreenko. Probl. gemat. i perel. krovi no. 9:31-34 '62.

Methods for the determination of the fibrinolytic activity of the blood. G. V. Andreenko. Lab. delo 8 no. 5:3-6 My '62.

FIELD CROPS

(see also subdivision under Ossetia, North)

[Agriculture abroad: Plant culture] Sel'. khoz. za rub. Rast. 8 no. 12 '62 (DNAL)

[Akushkin, I. V., ed.] [Cultivation of field crops] Agrotekhnika polevykh kul'tur 4., pererab. izd. Moskva, Gos. izd-vo selkhoz. lit-ry, 1959 350 p. (Agrotekhnicheskie kursy) (DNAL)

FIELD CROPS—DISEASES AND PESTS

(see also subdivision under Polesye)

Poisons for controlling soil-inhabiting pests. D. M. Pavlin, I. N. Sazonova Zashch. rast. ot vred. i bol. 5 no. 2:39-40 F '60.

FIELD CROPS—FERTILIZERS AND MANURES see subdivision under Armenia

FIELD EMISSION

Experimental study of the energy distribution of field emission electrons from CdS single crystals. G. P. Shcherbakov, I. L. Sokol'skaia Fiz. tver. tela 4 no. 12 3526-3536 D '62.

Fine structure of the spectral dependence of field emission from CdS single crystals B. V. Novikov, I. L. Sokol'skaia, G. P. Shcherbakov Fiz. tver. tela 4 no. 11 3240-3243 N '62

Temperature dependence of the field emission from cadmium sulfide. I. L. Sokol'skaia Fiz. tver. tela 4 no. 11,3332-3334 N '62.

Thermally stimulated field emission current from CdS single crystals. I. L. Sokol'skaia. Fiz. tver. tela 4 no. 11 3330-3332 N '62.

FIELD MICE

(see also subdivision under Alay Range, Azerbaijan, Ukraine)

Some ecologic and physiological characteristics of the European field mouse Microtus subterraneus de Selys-Longchamps [with summary in English]. P. K. Smirnov Vest. LGU 17 no. 21,72-85 '62

FIELD THEORY

On the field mass of an electron in classical electrodynamics. P. I. Romin. Ukr. fiz. zhur. 7 no. 12 1366-1367 D '62.

On the relative energy of a static centrally symmetrical gravitational field. IU. A. Rylov. Vest. Mosk. un. Ser. 3. Fiz., astron. 17 no. 6:45-55 N-D '62.

FIELDS, ALGEBRAIC

Asymptotic geometrical properties of a set of integral points on a circle and on certain ellipses. G. Babaev. Izv. vys. ucheb. zav., mat. no. 6:14-18 '62.

FILARIA AND FILARIASIS

Revising the classification of nematodes of the subfamily Splendidofilariinae Chabaud et Choquet, 1953. M. D. Sonin. Trudy Gel'm. lab. 11:242-250 '61.

FILATOV, ANTONIN NIKOLAEVICH, 1902-

Antonin Nikolaevich Filatov; on his 60th birthday. G. V. Golovin, M. E. Depp. Vest. khir. 89 no. 9:140-141 S '62.

FILBERT see subdivision under Krasnodar Territory

FILMS (CHEMISTRY)—DENSITY

Densities of polymer mixtures [with summary in English]. V. N. Kuleznev, K. M. Igosheva. Vysokom. soed. 4 no. 12 1856-1862 D '62

FILMS (CHEMISTRY)—TESTING

Effect of dialkylcyanamides on the brittleness temperature of films made with chloroprene latex I. M. Markova and others. Kauch. i rez. 21 no. 11 22-23 N '62.

FILMSTRIPS

Slides. Sov. knizh. torg. 14 no. 11:26 '62.

Synchronization of motion pictures with sound and manufacture of filmstrips with a foreign language text. V. M. Sulymenko. Rad. shk. 11 no. 2,82-86 S '62.

FILONENKO-BORODICH, MIKHAIL MITROFANOVICH, 1885-1962

M. M. Filonenko-Borodich; obituary and a list of his works. Izv. AN SSSR. Otd. tekh. nauk. Mekh. i mashinostr. no. 6,184-188 N-D '62.

FILTERS AND FILTRATION

Oil filtration in diesel engines. E. V. Turchak. Trudy KHIIT no. 46-100-120 '61.

Sectional cellulose filter for iron removal from condensates. V. I. Storonskii. Energetik 10 no. 10:14-15 O '62.

Use of vacuum filters with a diatomaceous filtering layer in the final stages of the purification of oils by the contact process. U. A. Mamedov, A. A. Variakov. Khim. i tekh. topl. i masel 7 no. 11:37-40 N '62.

Zambrovs'kyi, V. A. [Disk filters in the sugar industry] Dyskovi fil'try v tsukrovii promyslovosti. Kyiv, Derzhtekhvydav URSR, 1962. 88 p.

FINANCE

(see also subdivision under Cuba; Kazakhstan, Khakass Autonomous Province; Mardakert, Moscow; Moscow Province; United States)

Enlist the participation of volunteers in financial control more widely. T. Manoilo. Fin. SSSR 23 no. 11:8-12 N '62.

[Finances of the U.S.S.R.] Finansy SSSR. Avtorskii kollektiv pod rukovodstvom D. A. Allakhverdiana. Moskva, Gosfinizdat, 1962. 412 p.

Improve efficiency work in the financial system in every way possible Fin. SSSR 23 no. 11:3-7 N '62

International foreign exchange and financial organizations are the tools of neocolonialism. K. Chizhov. Fin. SSSR 23 no. 11:86-93 N '62

Kopnaev, V. P., and others. [Analysis of the financial and economic operations of enterprises] Analiz finansovo-khoziaistvennoi deiatel'nosti predpriiatii. [Pod obshchei red.] V. P. Kopnaeva. Moskva, Gosfinizdat, 1962. 357 p.

FINANCIAL STATEMENTS

Changing the annual report forms of an interfarm cooperative (council) V. Kocherova Vest. stat. no. 11 74-75 '62.

Procedures to be followed by credit managers, in comparing report data on funds deposited and received for financing capital investments and other measures, with State and Construction Bank branches, letter No. 289, September 25, 1959, of the Ministry of Finance of the U.S.S.R. Sbor. post., prik. i instr. po fin.-khoz. vop. 27 no. 11:29-31 N '59.

FINES (PENALTIES) see subdivision under Briansk

FINGERS

Extensor reflex of the basal joints of the digits; apropos of P. S. Babkin's article, "Age-related dynamics of Klippel-Weil and Wartenberg's reflex in normal man" F. N. Dosuzhkov. Zhur. nevr. i psikh. 62 no. 8:1279 Ag '62.

FINGERS—SURGERY

Primary suture of the flexor digitorum tendons with alcohol-quinone catgut [with summary in English] M. F. Oberfel'd Khirurgiia 38 no. 10 111-115 O '62

FINISHES AND FINISHING

(see also subdivision under United States)

Finishing operations performed in shops of building plants S. Ivanov, A. Ruderman Stroi. i arkhit. Mosk. 11 no. 1 10-13 Ja '62

FINLAND—COMMERCE—RUSSIA

Our trade with Finland, an interview with N. S. Patolichev Nov. vrem. 20 no. 51:9-10 D '62

FINLAND—PAPER INDUSTRY

Solomko, V. S. [Woodpulp and paper industry in Finland] TSellulozno-bumazhnaia promyshlennost' Finliandii. Moskva, Goslesbumizdat, 1962. 538 p.

FINLAND—POLITICS AND GOVERNMENT

The country of the eighth festival. K. Ittergren. Mol. mira no. 5/6:5-9 '62.

FINLAND—RELATIONS (GENERAL) WITH RUSSIA

Karhu, Eino. [Finnish literature and Russia, 1800-1850] Finliandskaia literatura i Rossiia, 1800-1850. Pod red. V. V. Pokhlebkina i L. I. Kialviarlainena. Tallina, Eesti Riiklik Kirjastus, 1962. 342 p. [With summaries in Estonian, Finnish, and Swedish]

FINLAND—WOODPULP INDUSTRY

Solomko, V. S. [Woodpulp and paper industry in Finland] TSellulozno-bumazhnaia promyshlennost' Finliandii. Moskva, Goslesbumizdat, 1962. 538 p.

FINLAND—YOUTH—SOCIETIES, ETC.

The country of the eighth festival. K. Ittergren. Mol. mira no. 5/6:5-9 '62.

FIRE PREVENTION

[Voluntary fire control societies] Dobrovol'nye pozharnye obshchestva, iz opyta raboty. Moskva, Izd-vo M-va sel'. khoz. RSFSR, 1962. 43 p.

FIREARMS

Golden hands of the armorer. S. Urchuk. Voen. znan. 38 no. 12:32-33 D '62.

FIREBRICK

Investigating Ukrainian chromites from the Bug valley deposit as raw material for the manufacture of chrome-magnesite refractories. F. S. Revzina. Sbor. nauch. trud. UNIIO no. 5:262-268 '61.

Manufacture of graphite-grog refractories by the stiff-mud process. L. A. Tseitlin, T. E. Tarasova. Sbor. nauch. trud. UNIIO no. 5:251-261 '61.

Properties of hot-pressed refractories on a basis of clay and kaolin. I. S. Kalmarskii, I. G. Orlova, E. V. Merkulova. Sbor. nauch. trud. UNIIO no. 5:79-91 '61.

Service of refractories in converters with top oxygen blow and improvement of the procedure for the production of converter bricks. E. V. Ivanov and others. Sbor. nauch. trud. UNIIO no. 5:210-233 '61.

FIREBRICK (Continued)

Use of synthetic forsterite brick for the checkerwork in open-hearth furnace gas regenerators. A.S.Frenkel' and others. Sbor.nauch.trud.UNIIO no.5;168-180 '61.

FIREBRICK—TESTING

Service conditions and processes of the wear of basic refractories in the bulkheads of open-hearth furnace front walls. Sh.M.Berman, M.P.Ian'shina, V.S. Shapovalov. Sbor.nauch.trud.UNIIO no.5:181-201 '61.

FISH, CANNED see subdivision under Kaliningrad Province

FISH, SMOKED

Kvashnina, D.M. [Smoking fish] Kopchenie ryby. [Arkhangel'sk] Arkhangel'skoe knizhnoe izd-vo, 1959. 58 p. [MICROFILM]

FISH CULTURE

(see also subdivision under Altai Territory; Belgorod Province, Buryat-Mongolia, Irkutsk Province, Karelia; Moscow Province, Novosibirsk Province, Sengileyevskaya Reservoir; Ukraine, Volga Delta, Voronezh Province)

Attention, living fish. O.Chilikin. Vokrug sveta no.10:38-41 O '62.

Chemical method of controlling undesirable fishes in ponds without outlet and small lakes. E.V.Burmakin. Trudy sov.Ikht.kom. no.14:84-87 '62.

Economic aspects of pond production at various intensity levels of fish culture. L.M.Gordon. Trudy sov.Ikht.kom. no.14:92-99 '62.

Organizing pond fish farming in peat banks. A.G.Mints, E.N.Khairulina. Trudy sov.Ikht.kom. no.14 107-112 '62.

Pond fish culture in the U.S.S.R. today and its future development. L.M.Gordon, A.I.Isaev, F.G.Martyshev. Trudy sov.Ikht.kom. no.14:3-12 '62.

Problem of the utilization of the industrial capacity of fish hatcheries. L.I.Goncharova. Trudy Kal.tekh. inst.ryb.prom.i khoz. 12 92-97 '61.

Producing a larger breeding stock to assure the development of pond fish culture. D.V.Shaskol'skii. Trudy sov.Ikht.kom. no.14 175-177 '62.

Prospects for raising sturgeons in ponds. N.S.Stroganov. Trudy sov.Ikht.kom. no.14,161-172 '62.

Rearing sturgeons in ponds. N.I.Nikolukin. Trudy sov.Ikht.kom. no.14 80-91 '62.

Skatkin, P.N. [Biological foundations of artificial fish culture; a historical outline] Biologicheskie osnovy iskusstvennogo ryborazvedeniia; istoricheskii ocherk. Moskva, Izd-vo Akad. nauk SSSR, 1962. 243 p.

Some problems of the intensification of pond fish culture. V.A.Movchan. Trudy sov.Ikht.kom. no.14:13-20 '62.

Using the drained zone of reservoirs for fish culture. P.V.Mikheev. Trudy sov.Ikht.kom. no.14,122-125 '62.

FISH CULTURE—CONGRESSES

Resolutions passed by the All-Union Conference on the Biological Foundations of Pond Fish Culture. Trudy sov.Ikht.kom. no.14:225-230 '62.

FISH PROCESSING PLANTS

(see also subdivision under Okhotsk)

Classification of the expenditure of working time and the composition of technical time norms in the fish processing plants. I.M.Loseva. Trudy Kal.tekh. inst.ryb.prom.i khoz. 12;65-75 '61.

Methods of determining the production capacity of fish canning plants. A.I.Sil'nikova. Trudy Kal.tekh.inst. ryb.prom.i khoz. 12:155-161 '61.

FISH PROCESSING PLANTS—EQUIPMENT AND SUPPLIES

Technical progress and labor productivity in the fish-processing industry. S.I.Ekaterinoslavskii. Trudy Kal.tekh.inst.ryb.prom.i khoz. 12;58-64 '61.

FISHERIES

(see also subdivision under Tremiti Islands; Tsimlyansk Reservoir)

Brief news on oceanography. Vokrug sveta no.10:12 O '62.

For those at sea. Part.zhizn' no.24;62-66 D '62.

Mikhailov, S.V. [Economics of the fishing industry of the U.S.S.R.] Ekonomika rybnoi promyshlennosti SSSR. Moskva, Pishchepromizdat, 1962. 288 p.

Seasonal fluctuations in the fishing industry of the U.S.S.R. L.V.Fedorova. Trudy Kal.tekh.inst. ryb.prom.i khoz. 12;76-91 '61.

A task of a great significance for the state. Agitator no.12;8-9 Je '62.

Working conditions in an enterprise with many shifts and around-the-clock operation after the transition to the seven-hour workday. M.V.Morozov. Trudy Kal.tekh. inst.ryb.prom.i khoz. 12;53-57 '61.

FISHERIES—COSTS see subdivision under Vietnam, North

FISHERIES—LABOR PRODUCTIVITY

Collectives of communist labor in the fishing industry. N.F.Timofeev. Trudy Kal.tekh.inst.ryb prom.i khoz 12,121-134 '61.

FISHERIES—RESEARCH see subdivision under Barents Sea, Germany, East

FISHERIES—STATISTICS

Analysis of the graphs of fish catches. Trudy Kal.tekh. inst.ryb.prom.i khoz. 12 175-187 '61.

Statistics of fishery enterprises. D.I.Oparin. Trudy Kal.tekh.inst.ryb.prom.i khoz. 12;137-154 '61.

FISHERY PRODUCTS—MARKETING

Organizing storage and sale of live fish. P.F.TSepin. Trudy sov.Ikht.kom. no.14;101-106 '62

FISHERY PRODUCTS—STANDARDS

Standardization of fishery products. S.I.Gabichko. Standartizatsiia 26 no.11:34-37 N '62.

FISHES

Sounds emitted by some fishes and their importance as signals [with summary in English]. V.R.Protasov, E.V.Romanenko. Zool.zhur. 41 no.10 1516-1528 O '62.

FISHES—BEHAVIOR

Developing conditioned reflexes in fish. B.O.Beznosikov. Biol.v shkole no.4,67-69 Jl-Ag '62.

FISHES—DISEASES AND PESTS

(see also subdivision under Moscow Province)

Introduction of new methods for controlling fish diseases on fish farms of the R.S.F.S.R. A.I.Kimaev. Trudy sov.Ikht.kom. no.14,201-206 '62.

Modern methods for controlling fish diseases in pond fish culture. O.N.Bauer. Trudy sov.Ikht.kom. no.14: 196-200 '62.

FISHES—FOOD

(see also subdivision under Dnepropetrovsk Province, Latvia, Rybinsk Reservoir)

Consumption of food by young-of-the-year hybrid carp in ponds of the northwestern U.S.S.R. L.P.Maksimova. Trudy sov.Ikht.kom. no.14;41-47 '62.

Effect of artificial food and excretory products of fishes on the oxygen regime in ponds. M.B.Fel'dman, G.I. Shpet. Trudy sov.Ikht.kom. no.14;77-83 '62.

Effectiveness of feeding carp with granulated food. V.K.Vinogradov, L.V.Erokhina. Trudy sov.Ikht. kom. no.14;53-58 '62.

Elements of the nitrogen balance and feed rations of the Azov anchovy (Engraulis encrasicholus maeoticus Pusanov). G.D.Shul'man. Dokl.AN SSSR 147 no.3: 724-726 N '62.

Importance of nutrition in the development of ceroid degeneration of the liver in the rainbow trout. K.A. Fakterovich. Trudy sov.Ikht.kom. no.14 215-219 '62.

Problems of the relationship between the composition of food of the Alaska pollack (Theragra chalcogramma) fry and the distribution of plankton [with summary in English]. E.A.Lubny-Gertsyk. Trudy Inst.okean. 58 157-162 '62.

Spongillidae as fish food in carp ponds [with summary in English]. P.D.Rezvoi, N.S.Alymskaia. Zool. zhur. 41 no.10:1567-1568 O '62.

FISHES—PARASITES see Parasites—Fishes

FISHES, DEEP-SEA

Fishes from sea depths; observations from a bathyscaphe. O.N.Kiselev. Priroda 51 no.12:96-98 D '62.

FISHES, FRESHWATER

Our freshwater fishes. A.Klykov. Doshk.vosp. 35 no.12:91-98 D '62.

FISHING see subdivision under Crimea; Kherson Province

FISHING NETS

Production of nets in capitalist Russia. N.P.Sysoev. Trudy Kal.tekh.inst.ryb.prom.i khoz. 12;40-50 '61.

Volume and assortment of fishing nets produced by the net manufacturing industry of the U.S.S.R. after the war. N.P.Sysoev. Trudy Kal.tekh.inst.ryb.prom.i khoz. 12;110-123 '61.

FISHPONDS

(see also subdivision under Latvia)

Building fishponds in abandoned peat banks. M.A. Brudastova. Trudy sov.Ikht.kom. no.14;100-103 '62.

Effect of artificial food and excretory products of fishes on the oxygen regime in ponds. M.B.Fel'dman, G.I. Shpet. Trudy sov.Ikht.kom. no.14;77-83 '62.

Hydrobiological methods for studying the productivity of ponds. G.G.Vinberg, V.P.Liakhnovich. Trudy sov.Ikht.kom. no.14;24-29 '62.

Introduction of ammonium nitrate and superphosphate as a means of enriching the natural feed supply in ponds. L.N.Mamontova. Trudy sov.Ikht.kom. no.14;30-32 '62.

Mechanical [illegible] summary. [illegible] 126-129 '62.

Organizing pond [illegible] E.N.Khairulina 112 '62.

Using mineral [illegible] V.N.Bakhtina [illegible] '62.

FISTULA, ANAL

Role of tuberculo[illegible] tal fistulae [with Probl.tub. [illegible]

FISTULA, BILIARY

Intraperitoneal [illegible] nal biliary fistula 130-141 [illegible]

FLAME

Effect of an electric [illegible] in English] A.P. [illegible] fiz.zhur. [illegible]

Study of physical [illegible] zone of an electric A.I.Lityi [illegible] 1217 N '62.

Study of physical [illegible] zone of an arc. [illegible] Ukr.fiz.zhur. [illegible]

FLAME PHOTOMETRY

Atomic absorption [illegible] cadmium [with [illegible] R.A.Vitkun. [illegible] '62.

Determination of [illegible] cium in the bl[illegible] metry. D.M.Ar[illegible] '62.

FLANGES

Designing large [illegible] loads. S.M.Kan[illegible]

FLANGES—STANDARDS

Development of [illegible] Standartizatsiia [illegible]

FLAX

(see also subdivision Goretskiy District; Netherlands)

Application of [illegible] of weed species [illegible] of vred.[illegible]

Applying lime [illegible] Kontiuchenko, [illegible] 128 '55.

Changing the [illegible] [with summary] [illegible] VNIIL no.[illegible]

Development of [illegible] flax straw in [illegible] VNIIL no.[illegible]

Effect of the water [illegible] logical indices [illegible] [with summary] [illegible] Markova [illegible]

Hlebka, V.A. [Mastery [illegible] Maistry vyrashchivaniia [illegible] vyd-va sel'khozlit. (Rashenni XXII s'[illegible] (DNAL)

Investigating the [illegible] drawn flax plants [illegible] in English] [illegible] 212 '58

Methods for tilling [illegible] English] [illegible] 137 '58.

Preliminary [illegible] Trudy VNIIL [illegible]

Problems in aggr[illegible] in English] M.[illegible] 103 '58.

Razuvaev, A.A., [illegible] processing of flax] [illegible] nol obrabotke l'na. [illegible] Rostekhizdat, [illegible]

Reaction of fiber flax [illegible] summary in English] [illegible] 7-20 '62.

Results of work [illegible] I.S. Meleshkevi[illegible]

Role of micro-organ[illegible] clover. E.I.[illegible]

Studying methods [illegible] straw and fiber [illegible] V.V. Makarov [illegible]

Vegetative hybridiz[illegible] VNIIL no.4:48 [illegible]

FLAX—DISEASE AND PEST RESISTANCE

Methods for detecting, developing and increasing desease resistance in flax [with summary in English] T T Popova Trudy VNIIL no 5 47-67 '58.

FLAX—DISEASES AND PESTS

Problems in controlling the diseases and pests of flax and clover M F Ermolaev, T. T. Popova Trudy, VNIIL no 4 129-146 '55

FLAX—DRYING

Investigating the harvested flax heap as material for drying [with summary in English] V A Tolkovskii Trudy VNIIL no. 5 225-235 '58

FLAX—FERTILIZERS AND MANURES

Amounts and proportions of mineral fertilizers for flax [with summary in English]. K S Listvin Trudy VNIIL no. 5 163-170 '58.

Effect of Ca^{45} and P^{32} on the development of fiber flax and red clover [with summary in English] A D Koatiuchenko, L. I Petrova. Trudy VNIIL no 5 171-183 '58.

Effect of prolonged application of organic and mineral fertilizers to grassland-flax crop rotations on changes in the conditions of soil nutrition of plants [with summary in English] E S Karpova Trudy VNIIL no 5 149-162 '58

New methods for supplementary fertilizing of flax [with summary in English] M. E. Egorov Trudy VNIIL no 5 213-221 '58

System of plant fertilization in grassland-flax crop rotations A. D. Kostiuchenko Trudy VNIIL no 1 105-118 '55

FLAX—VARIETIES

Results of studies on the samples of a flax collection [with summary in English] V. N. Klochkov Trudy VNIIL no. 5 3-23 '58

FLAX BREEDING

Fiber flax ' eding and seed production V. N Klochkov. Trudy VNIIL no. 4 7-47 '55

FLAX PROCESSING MACHINERY

Mechanizing the processing of retted flax straw on collective farms. P. K Kondrashuk Trudy VNIIL no 4 233-251 '55

Problems in the mechanization of flax growing V A Tolkovskii. Trudy VNIIL no. 4 180-202 '55

Razuvaev, A. A., ed. [Manual on the industrial primary processing of flax] Spravochnik po zavodskoi pervichnoi obrabotke l'na. Izd, 2., pererr. i dop. Moskva, Rostekhizdat, 1962. 755 p.

FLAX WILT

Increasing the resistance of improved fiber flax varieties to Fusarium in the process of primary seed production [with summary in English]. P. R. Il'ina Trudy VNIIL no 5:33-45 '58

FLAXSEED

Fiber flax breeding and seed production V. N. Klochkov Trudy VNIIL no 4 7-47 '55

Work of the institute on quality and varietal control of fiber flax seeds. E. I. Abramova. Trudy VNIIL no 1 147-161 '55

FLEA BEETLES

"Fauna of harmful flea beetles" by V. F. Palii. Reviewed by B. V. Dobrovol'skii. Zashch. rast. ot vred. i bol. 7 no. 6:60 Je '62.

FLEROV, SERGEI KONSTANTINOVICH, 1882-1962

Sergei Konstantinovich Flerov; an obituary. Les khoz. 15 no 7 81 Jl '62

FLIES—EXTERMINATION see subdivision under Samarkand; Soviet Central Asia; Uzbekistan

FLOATING CRANES

Main dimensions of pontoons for floating cranes. A. L. Aleiner. Trudy LPI no. 219:101-107 '62.

New floating diesel electric crane. L. Fishman. Rech. transp. 21 no. 12:17-19 D '62.

FLOORS

Floors made of coumarone tiles. N. Gushchenko, K. Kostiushko. Stroitel' 8 no. 9:23 S '62.

Installing "relin" floors. M. Bondariev, M. Dotsenko. Bud. mat. i konstr. 4 no. 6:53-54 N-D '62.

Pouring seamless polymer floors. V. Shirokov. Stroi. i arkhit. Mosk. 11 no. 11:21-23 N '62.

FLOORS, CONCRETE

Modernization of processes of manufacturing floors on units with concreting combines. V. I. Ovcharov. Mekh. stroi. 19 no. 12, 5-6 D '62.

FLOTATION see subdivision under Kadzharan

FLOUR MILLS

Analyzing and calculating the technological design of a mill sifter. A. I. Alterman. Trudy VNIIZ no. 39:83-92 '60.

FLOWERING OF PLANTS see Plants, Flowering of

FLOWERS—DISEASES AND PESTS

Means for disinfecting flowers. IA. V. Chuchugin. Zashch rast. ot vred. i bol 5 no 2:37-38 F '60

FLOWERS, PROTECTION OF see Plants, Protection of

FLOWMETERS

Temperature error of float differential manometers and flowmeters S S Kivilis, V E. Olcinikov Priborostroenie no. 11-2-5 N '62.

FLOWOFF see Runoff

FLUID DYNAMICS

Change in the length of the combustion zone of a homogeneous mixture in a turbulent flow as dependent on pressure [with summary in English]. V S Pelevin Inzh -fiz zhur. 5 no. 6 3-7 Je '62.

Concerning two methods for determining the moment of torque of a disc in laminar boundary layers. A. A Korotkov. Izv. vys. ucheb. zav ,energ. 5 no 11:105-107 N '62.

Differential equations of heat transfer in disperse flows of the "moving bed" type [with summary in English] Z R Gorbis Inzh - fiz zhur. 5 no. 10 32-39 O '62

Hydrodynamics of the flow of thin liquid films. L. IA. Zhivaikin, B. P. Volgin [Trudy] UNIKHIM no. 9:114-121 '61.

Investigating the flow of a fluid film caused by its interaction with a nonstabilized gas flow. V A. Chermukhin Izv vys ucheb. zav , mashinostr. no 8-149-155 '62

Plane filtration flow in media with random nonhomogeneities. M. I. Shvidler. Izv. AN SSSR. Otd. tekh. nauk. Mekh. i mashinostr. no. 6:65-71 N-D '62.

Some exact solutions to the energy equation for a plane-parallel flow of a viscous incompressible fluid [with summary in English] I N. Sadikov Inzh. - fiz zhur. 5 no 10 3-8 O '62

Theoretical comparison of the parameters of diffusion processes in tubes and on disks. V. M. Novakovskii, S. N. Fishman. [Trudy] UNIKHIM no. 9:71-92 '61.

FLUIDIZATION

Beranek, IA., and D. Sokol. [Techniques of fluidization. Translated from the Czech] Tekhnika psevdoozhizheniia. Pod red. N. I. Gel'perina. Moskva, Goskhimizdat, 1962. 159 p. [MICROFILM]

Distribution of granular material according to the time of stay in apparatus with a fluidized bed. V. F. Frolov, P. G. Romankov. Zhur. prikl. khim. 35 no. 10:2220-2224 O '62.

Heat transfer from a fluid-bed catalyst to the surface of heat exchange. T. G Traber and others. Zhur. prikl. khim. 35 no. 11 2366-2393 N '62.

Investigation and design of sieve gratings for sectioning reactors with a fluid-bed catalyst. I. IA. Tiurieev, A. B. Bulov. Zhur. prikl. khim. 35 no. 10, 2224-2231 O '62.

Kinetics of the adsorption process in a countercurrent column with a fluid-adsorbent bed. V. Flokk, V. N. Leplin, P. G. Romankov. Zhur. prikl khim. 35 no. 10: 2241-2246 O '62.

Laws of pseudo-liquefaction of a polydisperse material [with summary in English]. A. P. Baskakov, A. S. Pestrinev. Inzh. -fiz. zhur. 5 no. 6, 8-12 Je '62.

Mixing of gas and the character of motion of the solid phase in the suspended layer. V. B. Sarkits, D. G. Traber, I. P. Mukhlenov. Zhur. prikl. khim. 35 no. 10:2213-2219 O '62.

Viscosity of the fluidized bed. F. Z. Grek, V. N. Kisel'nikov. Zhur. prikl. khim. 35 no. 10:2235-2241 O '62.

FLUIDIZATION—EQUIPMENT AND SUPPLIES

Thermal design of a pneumatic conveying tube. N. I. Gel'perin, V. G. Ainshtein. Khim. prom. no. 10:753-757 O '62.

FLUORENE—SPECTRA

Luminescence spectra of fluorene. R. N. Nurmukhametov, G. V. Gobob. Opt. i spektr. 13 no. 5:678-682 N '62.

FLUORESCENCE

Applying the luminescent method of studying the sorption of water by celluloses to characterize their structure I. N. Ermolenko, M. Z. Gavrilov, L. F. Gladchenko. Trudy LTA no 91 63-87 '60

Using the laws governing the X-ray photoelectric effect in a solid photocathode in determining the yields of "K"-fluorescence of the elements composing the photocathode [with summary in English]. M. A. Rumsh, V. N. Shchemelev. Vest. LGU 17 no. 22:63-71 '62.

FLUORESCENT LAMPS

Dormakovich, P. A., A. V. Mikhalkov, and A. V. Petrov. [Manufacture and maintenance of gas-discharge light fixtures] Izgotovlenie i obsluzhivanie gazosvetnykh ustanovok. Moskva, Gosenergoizdat, 1962. 54 p. (Biblioteka elektromontera, no. 72)

Volotskoi, N. V. [Fluorescent lamps and diagrams for connecting them to the electrical network] Luminestsentnye lampy i skhemy ikh vkliuchenila v set', Moskva, Gosenergoizdat, 1962. 43 p. (Biblioteka elektromontera, no. 68) [MICROFILM]

FLUORESCENT LIGHTING

Dormakovich, P. A., A. V. Mikhalkov, and A. V. Petrov. [Manufacture and maintenance of gas-discharge light fixtures] Izgotovlenie i obsluzhivanie gazosvetnykh ustanovok. Moskva, Gosenergoizdat, 1962. 54 p. (Biblioteka elektromontera, no. 72)

FLUORINE—ISOTOPES

Relaxation of F^{19} in paramagnetic solutions. V. M. Vdovenko, L. L. Pavlova, V. A. Shcherbakov. Zhur. struk. khim. 3 no. 6 707-709 '62

FLUORINE COMPOUNDS

High-frequency titration. Report No. 6; Determination of fluorine in fluoropolymers containing and free of chlorine [with summary in English] A. I Filina, G P Shcherbachev, V. A. Zarinskii Zhur. anal. khim. 17 no. 6:990-992 N '62.

Vulcanization of fluorine-containing copolymers with polyamines with the use of infrared spectroscopy [with summary in English] A S Novikov and others. Vysokom soed 4 no. 12 1799-1805 D '62

FLUORINE ORGANIC COMPOUNDS

Microdetermination of carbon and hydrogen in fluorine organic compounds [with summary in English]. A. I. Lebedeva, N. A. Nikolaeva, V. A. Orestova Zhur. anal. khim. 17 no. 8 993-997 N '62.

FLUORITE

Complexonometric determination of calcium fluoride in fluorite ores [with summary in English]. V F. Luk'inov, L. M. Kniazeva, K. I. Orekhova. Zhur. anal. khim 17 no. 8:931-934 N '62.

FLUORITE CRYSTALS

Dielectric loss in X-rayed fluorite crystals when studied at low temperatures at a wavelength of 3.18 cm. I. I. Ezhik, Izv. vys. ucheb. zav. ;fiz. no. 5:81-85 '62

FLUOROACETIC ACID

Very small amounts of fluoroacetate for rodent and sparrow control O R Avetisian, R S Shugoian. Zashch. rast. ot vred. i bol. 7 no. 6, 31-32 Je '62.

FLUOROSCOPIC DIAGNOSIS see Diagnosis, Fluoroscopic

FLUTTER (AERODYNAMICS)

Bending and torsional flutter of blades in a dense aerodynamic cascade. G. S. Samoilovich. Izv. AN SSSR. Otd. tekh. nauk, Mekh. i mashinostr. no. 6, 72-77 N-D '62.

FLUX (METALLURGY)

Mechanism of the interaction of aluminum oxide with flux during aluminum welding. A. A. Alov, E. Grusser. Svar. proizv. no. 12:5-9 D '62.

FLY ASH see subdivision under Ukraine

FLYING FISH see subdivision under Atlantic Ocean

FLYING SAUCERS

"Flying saucers" by Donald Menzel [translated from the English]. Reviewed by L. Eideľ'ia. Znan. -sila 37 no. 9:44 S '62.

FLYSCH

(see also subdivision under Gissar Range)

Flysch and astrogeology. N. Vassoevich. Geog. sbor. no. 15:160-178 '62.

FLYWHEELS—WELDING

Equipment for the automatic welding of girth joints on parts of fluid flywheels. B. Kh. Zholobov, M. A. Tarnarutskii, V. A. Brovtsev. Svar. proizv. no. 11:37 N '62.

FOCAL INFECTION

Mechanism of the weakening of the bactericidal action of colimycin on infectious purulent foci [with summary in English]. V. S Zueva. Antibiotiki 7 no. 9:804-809 S '62.

FOLDS (GEOLOGY)

(see also subdivision under Kara Kum; Uzbekistan)

Significance of folding in the history of crustal development. V. E. Khain. Biul. MOIP. Otd. geol. 37 no. 5: 166-167 S-O '62.

FOLK DANCING, HUCUL

Hucul variants of Russian, Czech, and Rumanian dances. R. P. Harasymchuk. Pratsi UDMEKHP no. 6:76-104 '61.

FOLK DANCING, UKRAINIAN

"Ukrainian folk dances." Reviewed by O. Mordvintsev. Ukraina no. 20:7 O '62.

FOLK DRAMA, UKRAINIAN

Ritual theatrical materials in the collections of the Ukrainian State Museum of Ethnography and Art Industries of the Academy of Sciences of the Ukrainian S. S. R. Pratsi UDMEKHP no. 6:67-75 '61.

FOLK SONGS

"Nightingale sings." Reviewed by N. Pankova. Doshk. vosp. 35 no. 12:110-121 D '62.

FOLK SONGS—HISTORY AND CRITICISM

Gippius, E. ["Song of the Volga boatmen" and "Dubinushka", a history of the songs] "Ei, ukhnem," "Dubinushka"; istoriia pesen Moskva, Sovetskii kompozitor, 1962. 34 p. (V pomoshch' slushateliam narodnykh universitetov kul'tury. Besedy o muzyke)

FOLK SONGS, GERMAN—HISTORY AND CRITICISM

"German democratic folk songs during the course of six centuries" [in German] by Wolfgang Steinitz. Reviewed by L. Lebedinskii. Sov. muz. 26 no. 11 139-142 N '62

FOLK SONGS, GOLDIAN—HISTORY AND CRITICISM

Some characteristics of Nanai song-folklore. A. Aizenshtadt. Nauch.-metod. zap. Novosib. gos. konser. no. 1. 58-69 '58

FOLK SONGS, JEWISH—HISTORY AND CRITICISM

Beregovskii, M. IA. [Yiddish folk songs] Evreiskie narodnye pesni. Pod obshchei red. S. V. Akshuka. Moskva, Sovetskii kompozitor, 1962. 250 p.

FOLK SONGS, UKRAINIAN—HISTORY AND CRITICISM

"Historical songs." Reviewed by V. Hatsak. Vop. lit. 6 no. 10. 234-235 O '62

FOLKLORE
(see also subdivision under Golovetsk)

"Marxism and Russian folklore studies at the end of the 19th and the beginning of the 20th century" by V. E. Gusev. Reviewed by V. Anikin. Vop. lit. 6 no. 11 220-222 N '62

"What our people say about religion, based on the materials of Russian, Ukrainian, and White Russian folklore." Reviewed by D. A. Ryzhuk. Vop. filos. 16 no. 11:170-174 '62.

FOLKLORE, BURYAT

Baldaev, S. P. [Selected works] Izbrannoe. Ulan-Ude, Buriatskoe knizhnoe izd-vo, 1961. 254 p.

FOLKLORE, MOLDAVIAN

Akademiia nauk Moldavskoi SSR, Kishinev. Institut iazyka i literatury. Otdel fol'klora i istorii iskusstv. [Friendship of peoples as reflected in folklore] Druzhba narodov, otrazhennaia v fol'klore. Kishinev, Shtiintsa, 1961. 130 p. [In Moldavian and Russian] (MH)

FOLKLORE, UKRAINIAN

Akademiia nauk Moldavskoi SSR, Kishinev. Institut iazyka i literatury. Otdel fol'klora i istorii iskusstv. [Friendship of peoples as reflected in folklore] Druzhba narodov, otrazhennaia v fol'klore. Kishinev, Shtiintsa, 1961. 130 p. [In Moldavian and Russian] (MH)

Folk wisdom. V. Riaznik. Voiov. ateist no. 7:63 Jl '62

FOMIN, IVAN ALEKSANDROVICH, 1872-1936

Remarkable architect, on the 90th anniversary of his birth. V. Munts. Arkhit. SSSR no. 11 59-60 '62

Reminiscences about I. A. Fomin. Arkhit. SSSR no. 11 61-62 '62.

FONVIZIN, DENIS IVANOVICH, 1745-1792

Friend of freedom; the 170th anniversary of D. I. Fonvizin's death. V. Azbukin. Nauka i zhizn' 4 no. 12:78-80 D '62.

FOOD—ANALYSIS

Determination of microquantities of DDT in biological material on the basis of Schechter and Haller's method with supplementary chromatographic identification [with summary in English]. F. P. Vaintraub. Vop. pit. 21 no. 4:55-60 Jl-Ag '62.

FOOD—TABLES, CALCULATIONS, ETC.

"Tables of the chemical composition and nutritive value of food products." Reviewed by I. A. Shamov. Vop. pit. 21 no. 4:93-94 Jl-Ag '62.

FOOD, CANNED—CONTAINERS
(see also subdivision under United States)

At the conference on the efficient utilization of tin. IA. IU. Lokshin. Kons. i ov. prom. 17 no. 12 10-41 D '62.

FOOD, CONCENTRATED

Technology of meat concentrates and N. N. Zinin. I. N. Vol'per. Kons. i ov. prom. 17 no. 12:24 D '62.

FOOD, FROZEN

Odintsov, A. I., and V. I. Shelaputin. [Frozen prepared foods] Zamorozhennye kulinarye izdeliia. Moskva, Gostorgizdat, 1961. 38 p.

FOOD ADULTERATION AND INSPECTION

Discussion of D. G. Davidson's article, "New forms of Departmental Sanitary Service Work". D. O. Movshovich. Vop. pit. 21 no. 4:91-92 Jl-Ag '62.

Need for a revision of the present instruction on the order of the sanitary and technical inspection. M. E. Sycheva. Kons. i ov. prom. 17 no. 12 31-32 D '62

Organizing scientific practice in food hygiene for sixth year students of sanitary hygiene departments. B. D. Vladimirov. Vop. pit. 21 no. 4:90-91 Jl-Ag '62.

FOOD CONTAMINATION

Determination of DDT analogues (perthane and methoxychlor) in food products [with summary in English] M. A. Trotsenko, I. N. Shul'ga. Vop. pit. 21 no. 1 52-55 Jl-Ag '62

FOOD HABITS OF ANIMALS see Animals, Food habits of

FOOD INDUSTRY

Scientific principles for recipes for some products in the food industry. L. N. Vol'per. Vop. pit. 21 no. 4. 89-90 Jl-Ag '62.

FOOD INDUSTRY—BIBLIOGRAPHY see Bibliography—Food industry

FOOD INDUSTRY—EQUIPMENT AND SUPPLIES

Avdeeva, A. V. [Metal corrosion in the food industry] Korroziia metallov v pishchevoi promyshlennosti. Moskva, Pishchepromizdat, 1962. 209 p.

FOOD INDUSTRY—FINANCE

Lavrushin, O. I., and M. A. Pesegol'. [Issuing credit to the light and food industries] Kreditovanie legkoi i pishchevoi promyshlennosti. Moskva, Gosfinizdat, 1962. 85 p. (V pomoshch' bankovskomu rabotniku)

FOOD INDUSTRY—PACKAGING

Apakin, I. S., and N. N. Gribanov. [Standardization of containers and packaging of food products] Unifikatsiia tary i upakovki prodovol'stvennykh tovarov, iz opyta leningradskoi promyshlennosti. Stenogramma lektsii. Leningrad, 1962. 18 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Serila: Tara i upakovka)

FOOD INDUSTRY—PRODUCTION STANDARDS

Norms, wage schedules and the central committee of the trade union. IA. Karpov. Sov. profsoiuzy 18 no. 23: 13-15 D '62.

FOOD RESEARCH

International Congress of Biochemistry. 5th, Moscow, 1961. [Biochemical principles in the technology of the food industries; Symposium VIII] Biokhimicheskie osnovy tekhnologii pishchevykh proizvodstv; Simpozium VIII. 1962. 342 p. (Its Trudy)

[MICROFILM]

FOOT-AND-MOUTH DISEASE

Using the complement fixation inhibition reaction for typing the foot-and-mouth disease virus from the serum of reconvalescents. IU. F. Shvetsov. Visnyk sil'hosp. nauky 5 no. 11:75-78 N '62

FORAGE PLANTS see subdivision under Azerbaijan

FORAMINIFERA, FOSSIL see subdivision under Azerbaijan; Daghestan, Sarydash-Chay Valley, Siberia

FORCE AND ENERGY

"Energy dissipation in mechanical vibrations" by G. S. Pisarenko. Reviewed by IU. A. Mitropol'skii. Ukr. mat. zhur. 14 no. 4 456-457 '62.

FORECARIAH, GUINEA—HOSPITALS

A trip to Forecariah. D. Darlima. Sovr. Mong. 7 no. 8 18 Ag '62

FOREIGN EXCHANGE

Brief information on foreign exchange and banks abroad. Den. i kred. 20 no. 10 88-91 O '62

FOREIGN STUDENTS see Students, Foreign

FOREIGN TRADE REGULATION

Responsibility for the late and incomplete delivery of imported goods. A. Dmitriev. Sov. iust. no. 12 21-23 Je '62.

FOREIGNERS see Aliens

FOREMEN

The party organization and the foreman. K. Mordvinov. Part. zhizn' no. 23:33-36 D '62.

FORENSIC PSYCHIATRY

Moscow. TSentral'nyi nauchno-issledovatel'skii institut sudebnoi psikhiatrii. [Problems in forensic psychiatric expertise] Voprosy sudebno-psikhiatricheskoi ekspertizy, metodicheskie stat'i i instruktivnye materialy. Pod red. A. N. Buneev, IA. M. Kalashnika, D. R. Luntsa. Moskva, Gosiurizdat, 1955. 178 p.

FOREST ECOLOGY
(see also subdivision under Sakhalin; Udmurt A. S. S. R., Ukraine)

Interaction of pine and perennial lupine root systems in joint growths. V. K. Podzharov. Sbor. nauch. trud. BLTI no. 11:77-85 '58.

FOREST ECOLOGY—CONGRESSES

Ukrainian conference on forest typology. A. K. Kovalovskii. Izv. vys. ucheb. zav.; les. zhur. 4 no. 5:171-172 '61.

FOREST FAUNA

Bianki, V. V. [Forestry newspaper for each year] Lesnaia gazeta na kazhdyi god. Leningrad, Gos. izd-vo detskoi lit-ry, 1961. 470 p. (Shkol'naia biblioteka) (MIDW)

FOREST FIRES see subdivision under White Russia

FOREST INSECTS
(see also subdivision under Yakutia)

Chemicals for controlling forest pests; review of articles. Les. khoz. 15 no. 7:43-46 Jl '62

Forecast for forest pests feeding on conifer needles. G. O. Goliato. Zashch. rast. ot vred. i bol. 5 no. 2:41-45 F '60

FOREST INSECTS—BIOLOGICAL CONTROL see subdivision under Tuva A. S. S. R.

FOREST INSECTS—EXTERMINATION see subdivision under Ternopol' Province; Yermakovskoye District

FOREST LITTER

Decomposition of forest litter by pure cultures of Basidiomycetes [with summary in English]. V. IA. Chastukhin. Uch. zap. LGU no. 313 4-29 '62.

Effect of forest litter on soil moisture in a pine forest. L. IE. Voronkyn. Visnyk sil'hosp. nauky 5 no. 10:61-65 O '62.

Interrelations between micro-organisms decomposing plant residues in complex cultures [with summary in English]. V. IA. Chastukhin, M. A. Nikolaevskaia. Uch. zap. LGU no. 313 23-33 '62

FOREST MANAGEMENT
(see also subdivision under Bulgaria; Chuvashia, Latvia, Moscow Province, Poland; Udmurt A. S. S. R.; Ukraine, Ul'yanovsk Province)

Akademiia nauk SSSR. Institut lesa i lesokhimii. [Experimentals of the typology of cutovers and its significance in forest management] Osnovy tipologii vyrubok i ee znachenie v lesnom khoziaistve, sbornik statei. Otv. red. I. S. Melekhova. Arkhangel'sk, 1959. 226 p. (DNAL)

[MICROFILM]

Applying chemical preparations in the transformation of sprout-generated oak forests into needed forests, preliminary report. A. M. Il'in. Izv. vys. ucheb. zav., zhur. 4 no. 5:30-31 '61.

Development and achievements of Soviet forest management. A. I. Kotov. Nauk. pratsi Ikshosp. fak. UAS 16 no. 8 5-9 '60.

Gradual cuttings in forestry practice. D. F. Dar'ial'in. Les. khoz. 15 no. 7 23-28 Jl '62.

Mechanization of gradual cuttings in forests of the 1st and 2d categories. M. V. Koipkov. Les. khoz. 15 no. 10 2-8 O '62.

Planning improvement measures in forest management. V. Olerinskii, N. Volkova. Les. khoz. 15 no. 10 21-25 O '62

Take game animals into consideration in forest management. V. M. Pavlov. Les. khoz. 15 no. 10 74-75 O '62

FOREST NURSERIES see subdivision under Karakalpak

FOREST PROTECTION
(see also subdivision under Novgorod Province)

Amend the rules on forest protection. V. I. Sokovnin. Les. khoz. 15 no. 7:65 Jl '62

FOREST REPRODUCTION see subdivision under Armenia; White Russia

FOREST ROADS
(see also subdivision under Vologda Province)

Applying active agents in strengthening road surfaces with bituminous emulsions. A. L. Okovityi. Izv. vys. ucheb. zav., les. zhur. 4 no. 5:76-81 '61.

FOREST SOILS see subdivision under Azerbaijan, Byalovezhskaia Pushcha; Kola Peninsula; Negorelye region, Ukraine, White Russia

FOREST WORKERS

Norms of work clothes for workers in forestry and forest industries. M. M. Borodin. Les. khoz. 15 no. 7 86-89 Jl '62

FORESTRY RESEARCH see subdivision under Ukraine

FORESTRY SCHOOLS AND EDUCATION
(see also subdivision under Rechitsa District)

Decisively improve the training of forest specialists. Les. khoz. 15 no. 7:64-69 Jl '62

FORESTS AND FORESTRY
(see also subdivision under Karelia; Khabarovsk Territory; Olekma Valley)

Brief news and information. Les. khoz. 15 no. 10:43 O '62.

Brief news and information. N. V. Khanov. Les. khoz. 15 no. 7:96 Jl '62

Following up our articles. Les. khoz. 15 no. 7:32 Jl '62.

The new program of the CPSU and forestry. Izv. vys. ucheb. zav., les. zhur. 4 no. 5:3-4 '61.

FORESTS AND FORESTRY—BIBLIOGRAPHY see Bibliography—Forests and forestry

FORESTS AND FORESTRY—CONGRESSES

Improve and perfect the work of experimental demonstration farms, from the conference of the managers of experimental demonstration forest working circles and logging camps of the Main Forestry Administration of the R. S. F. S. R. K. G. Berezin. Les. khoz. 15 no. 7:76-77 Jl '62.

FORESTS AND FORESTRY—DICTIONARIES

"Forestry encyclopedia" [in Serbo-Croatian]. Reviewed by A Al'benskii Les khoz 15 no 7 84 Jl '62

FORESTS AND FORESTRY—EQUIPMENT AND SUPPLIES
(see also subdivision under Karelia, Orel Province)

Effect of the agitator on the flow of winged seeds. M.G. Viliantser. Izv.vys.ucheb.zav., les.zhur. 4 no.5: 21-25 '61.

Efficiency proposals for the mechanization of skidding and loading operations in improvement cuttings, review of articles Les khoz 15 no 7 60-63 Jl '62

Investigating the working parts of tree-planting machines for the formation of a planting slit on cutovers with uncleared stumps. S K Masluk Sbor nauch.trud BLTI no 11,110-121 '58

New universal unit for forest work (from "Journal of Forestry," no 2, 1961) A M. Starodumov Les khoz. 15 no 10 85-87 O '62

Over-all mechanization of afforestation on mountain slopes I A Mironov, A A Ponomareva Les khoz 15 no 7 55-56 Jl '62

FORESTS AND FORESTRY—MENSURATION

What equipment and instruments cruisers need G. M Kulakov. Les khoz 15 no 10 69-71 O '62

FORESTS AND FORESTRY—VALUATION

Accuracy of determining the total sectional area of tree stands A. F. Elizarov Les khoz 15 no 10 21-22 O '62

Accuracy of forest evaluation measurements and ways for their improvement V. M Ivamiuta Les khoz 15 no 10 20-21 O '62

Development of forest valuation in the U.S.S.R. M.V. Davydov. Nauk.pratsi lisohosp.fak.UASHN 16 no.8 10-17 '60.

Potential and effective productivity of forests P. V Vasil'ev. Les khoz 15 no 10 49-51 O '62

Valuation of the increment of pine on stump. IU.M. Rudenko. Nauk.pratsi lisohosp.fak.UASHN 16 no.8: 141-150 '60.

Working up experimental materials on forest valuation by using electronic calculating machines K I' Nikitin Les khoz 15 no.7 8-13 Jl '62

FORGING

Closed forging with counterpressure A. V. Rebel'skii, V A. Zolotnitskii. Kuz.-shtam. proizv 4 no 10 1-5 O '62.

Control-blocking noncontact systems with radioactive pickups for stamping and forging. V.T. Meshcherin and others. Sbor. MOSSTANKIN no.6,32-60 '62.

Dmitiev, P. I. [Installation of automatic article-counting devices on press forging equipment] Ustroistvo avtomaticheskogo scheta izdelii na kuznechno-pressovom oborudovanii. Leningrad, 1962. 11 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia: Pribory i elementy avtomatiki, no. 8)

Investigating certain parameters of the 4ShT-11 noncontact device for measuring the dimensions of parts forged on hydraulic presses. IU.A. Maksin, M.V. Polonskii. Sbor. MOSSTANKIN no.6:85-109 '62.

Investigating the stress condition during upsetting. A. A. Pozdeev, V. I. Tarnovskii. Izv.vys.ucheb.zav.: chern.met. 5 no.11:90-98 '62.

Investigation of forging processes. L. N. Moguchii. Kuz.-shtam.proizv 4 no.10 5-10 O '62.

Koshkin, L. N., and V. F. Preis. [Automatic transfer-machine lines for stamping] Avtomaticheskie rotornye linii v shtampovochnom proizvodstve. Pod obshchei red. V. P. Romanovskogo. Moskva, Mashgiz, 1962. 48 p. (Bibliotechka shtampovshchika, no. 2) [MICROFILM]

New method of making disk forgings by the upsetting of ingots. M. IA. Dzugutov, V. P. Stepanov. Kuz.-shtam. proizv. 4 no.10:10-14 O '62.

"Reducing tolerances in forging" by A. S. Kon'kov. Reviewed by S. I. Kliuchnikov. Kuz.-shtam. proizv. 4 no.10:45-46 O '62.

"Steam hammer forging" by I. I. Matev. Reviewed by V. A. Evstratov. Kuz.-shtam. proizv. 4 no.10:46-47 O '62.

FORGING—BIBLIOGRAPHY see Bibliography—Forging

FORGING—STANDARDS

Imperfections of state standards no. 7062-54 and 7829-55. I. F. Bogachev. Kuz.-shtam proizv. 4 no.10 27-30 O '62.

FORGING MACHINERY

Investigating the durability of forging tools made of 5 KhGS steel. L. D. Damidov, V. M. Alekseev. Kuz.-shtam proizv. 4 no.10:15-17 O '62.

Life of KGShP forging press gear pairs. A. A. Ignatov. Kuz.-shtam. proizv. 4 no.10 36-39 O '62

Programmed control of air-steam stamp hammers by the energy of the stroke V. I. Davydov, IU K. Puzyrevskii. Kuz.-shtam. proizv. 4 no.10:32-36 O '62.

FORGING MACHINERY—STANDARDS

Forging and pressing equipment. A. V. Lopatin. Standartizatsiia 26 no.11:41-42 N '62.

FORGING MACHINERY—WELDING

Introducing welding in carbon dioxide in the manufacture of forging presses IU. N. Znitsev, G D Korenkov Svar. proizv no 9 23-25 S '62.

FORK LIFT TRUCKS

From experience in the operation of lift trucks V Pukras, A Retman, V. Shif Mor flot 22 no 9 17-18 S '62

FORMALDEHYDE

New developments in the production of formalin Z G Aseeva Gidroliz i lesokhim. prom 15 no 8 27-29 '62.

Nonadditive effect in the stabilization of polyformaldehyde by the addition of polyamides and antioxidants [with summary in English] V. R Allshoev and others Vysokom. soed 4 no. 12 1887 D '62.

Sanitary and hygienic conditions in furniture workshops of Riga which use urea-formaldehyde glues [in Latvian with summary in Russian]. N. Brokle. Izv. AN Latv.SSR no.1:135-138 '61.

FORMAZANS

Use of polarization microscopy in the detection of formazan crystals in bacterial cells [with summary in English] M. IA. Korn, N. N. Solov'ev. Mikrobiologiia 31 no.3 510-541 My-Je '62.

FORMS (MATHEMATICS)

Number of groups of prime numbers and prime numbers of exponential forms. V. A. Golubev. Izv. vys. ucheb. zav.; mat. no.6:28-33 '62.

FURNACES HEATING

Heating the components of locomotive wheel pairs for fitting. G. IA. Andreev, I. I Shatko Izv vys ucheb zav., mashinostr no 8 199-206 '62.

FOULING OF SHIP BOTTOMS

Docking frequency for seagoing freighters. N. Kogan Mor flot 22 no 11,33-36 N '62.

FOUNDATIONS

Deformation of soil foundations of finite width under eccentric loading on a continuous footing. K I'. Ugorov, O. D. Shilova. [Trudy] NII osn. no. 49:5-16 '62.

"Designing buildings for regions of the Far North" by A P Kushnev Reviewed by N A TSytovich, V. F Zhukov Osn., fund i mekh. grun 4 no 5 31 '62

For further improvement of the organization and mechanization of foundation construction work in large-panel construction. M G. Ftremov, M. I Smorodinov. Osn., fund. i mekh grun 4 no. 5:1-2 '62

"Foundations and footings" by G K Klein, P. P. Smirenkin. Reviewed by E F. Vinokurov Osn., fund. i mekh. grun. 4 no. 5:31-32 '62

Significant increase in the pressure on soil foundations of large-block buildings. D. E. Pol'shin and others [Trudy] NII osn. no. 49:60-67 '62.

"Stability of footings on a sand foundation" by M. I. Gorbunov-Posadov. Reviewed by V. G. Berezantsev. Osn., fund. i mekh. grun 4 no. 5 30-31 '62.

With the help of graphs and tables. V. Michurin Stroi i arkhit. Mosk 11 no 1 23-26 Ja '62

FOUNDATIONS—BIBLIOGRAPHY see Bibliography—Foundations

FOUNDATIONS—MODELS

Calculation of the stability of foundations of large structures on sandy soil A. A. Kulaev Osn., fund i mekh grun 4 no 5 3-6 '62.

FOUNDATIONS—TESTING

Experimental study of the bearing capacity of a sand foundation A. P. Krivoratov. Osn., fund i mekh. grun 1 no. 3 6-9 '62.

FOUNDING

Calculation of dross formation during heating and cooling of a metal [with summary in English]. N. IU. Taits, V. I. Gubinskii. Inzh.-fiz. zhur. 5 no. 6 32-37 Je '62.

Casting automobile engine camshafts in sand chills [in Georgian with summary in Russian]. B V. Petriashvili, N. A. Gogua Trudy Inst. met. AN Gruz. SSR 12:145-151 '62.

Coefficient of friction during force interaction between the casting and the mold. L. B. Kogan, G. F. Gorbul'skii. Lit. proizv. no. 11:34-35 N '62.

Founding the profiled part of turbocompressor rotors. V. M. Kulaev, E. A. Grigor'ev, B. V. Burtsev. Lit. proizv. no. 11:39-40 N '62.

Golovitsyn, IU. K., and P. A. Zharkov. [Progressive procedures should be adopted in founding] Liteinomu proizvodstvu - progressivnuiu tekhnologiiu. [Rizan', Riazanskoe knizhnoe izd-vo, 1962.] 32 p. (Bibliotechka ratsionalizatora)

How to produce impossible castings. E. Salimov. Izobr. i rats. no. 11:10-11 N '62.

Konashko, N. P. [Advanced technology and mechanization of founding operations] Perodova tekhnologiia i mekhanizatsiia lyvarnoho vyrobnytstva. Kyiv, Derzhtekhvydav URSR, 1962. 150 p. (Sernyrichka v dil)

Manufacturing bimetallic bushings. D. A. Remizov. Mashinostroitel' no. 11:33 N '62.

Modern trends in foreign foundry practice. IA. G. Poliakov. Lit. proizv. no. 11 43-48 N '62.

Regulating the cooling of castings in foundry molds B. V Babushkin, B. V. Rabinovich. Lit. proizv no 11: 24-27 N '62

Spoilage has been reduced. P. M. Monashko. Mashinostroitel' no. 11 11 N '62.

FOUNDING—PRODUCTION STANDARDS

Moscow. TSentral'noe biuro promyshlennykh normativov po trudu. [Time norms established in the general machinery industry for pouring metal into molds in steel, iron, and nonferrous metal founding] Obshchemashinostroitel'nye normativy vremeni dlia tekhnicheskogo normirovaniia rabot po zalivke metalla v formy pri proizvodstve stal'nogo, chugunnogo i tsvetnogo lit'ia. Moskva, 1962. 82 p.

FOUNDRIES—EQUIPMENT AND SUPPLIES

Chill mold conveyor for shaped iron castings of canalization parts. A. M. Monastyrskii Lit. proizv no 11 40-41 N '62.

Heat-resistant foundry alloys. L. B. Getsov, N. P. Zhukov. Lit. proizv. no. 11:9-11 N '62.

Series of chill molding machines in foundries of instrument manufactures. M. G. Farnes. Lit. proizv no. 11 14-15 N '62.

Standardization of founding equipment. M. A. Nesterov. Standartizatsiia 26 no. 12 16-20 D '62.

Shrinker-core gatings. D. M. Krymskii. Lit. proizv no. 11:43 N '62.

FOUNDRIES—MANAGEMENT

Planning the production of castings B. K. Sviatkin. Lit proizv. no. 11:11-12 N '62.

FOUNDRIES—QUALITY CONTROL

Letter to the editors. Lit. proizv no. 11 48 N '62.

Obolentsev, F. D., ed. [Dimensional accuracy and surface quality of castings] Tochnost' i kachestvo poverkhnosti otlivok. Moskva, Mashgiz, 1962. 150 p.

FOUNDRIES—SAFETY MEASURES

Profsoiuz rabochikh mashinostroeniia SSSR. [Instructions for a ladle liner on safety measures in the repair and preparation of ladles] Instruktsiia po tekhnike bezopasnosti dlia kovshevogo po remontu i podgotovke kovshei. [Moskva] Mashgiz, 1962. 10 p

FOUNDRY SAND see Sand, Foundry

FOURIER SERIES

Approximation of periodic functions pertaining to the $W^{(r_1,r_2)}_{p,\theta}$ classes by means of Fourier sums. IU. L Beshenov. Dokl. AN SSSR 147 no 3:519-522 N '62.

Leningrad, Elektrotekhnicheskii institut sviazi. [Tables and formulas of sums of trigonometric series of the type

$$\sum_{n=1}^{\infty} \frac{I_n(r)}{n^2+a^2} \cos nx \quad \text{and} \quad \sum_{n=1}^{\infty} \frac{nI_n(r)}{n^2+a^2} \sin nx$$

textbook] Tablitsy i formuly summ trigonometricheskikh riadov vidov

$$\sum_{n=1}^{\infty} \frac{I_n(r)}{n^2+a^2} \cos nx \quad \text{i} \quad \sum_{n=1}^{\infty} \frac{nI_n(r)}{n^2+a^2} \sin nx$$

uchebnoe posobie. Pod red. A. M. Zaezdnogo. Leningrad, 1961. 47 p.

Leningrad, Elektrotekhnicheskii institut sviazi. [Tables and formulas of sums of trigonometric series of the type

$$\sum_{n=1}^{\infty} \frac{J_n(r)}{n^2+a^2} \begin{matrix}\cos\\ \sin\end{matrix} nx \quad \text{and} \quad \sum_{n=1}^{\infty} \frac{nJ_n(r)}{n^2+a^2} \begin{matrix}\cos\\ \sin\end{matrix} nx$$

textbook for students] Tablitsy i formuly summ trigonometricheskikh riadov vidov

$$\sum_{n=1}^{\infty} \frac{J_n(r)}{n^2+a^2} \begin{matrix}\cos\\ \sin\end{matrix} nx \quad \text{i} \quad \sum_{n=1}^{\infty} \frac{nJ_n(r)}{n^2+a^2} \begin{matrix}\cos\\ \sin\end{matrix} nx$$

uchebnoe posobie dlia studentov. Pod red. A. M. Zaezdnogo. Leningrad, 1961. 91 p.

Summation of Fourier integrals and the best approximation by integral functions. V. G. Ponomarenko. Dokl. AN SSSR 147 no. 3:556-558 N '62.

FOURIER TRANSFORMATIONS

Fourier transformations of certain classes of generalized functions. N. S. Landkof. Dokl. AN SSSR 147 no. 3:544-547 N '62.

FOX, RALPH, 1900-1937

Kiselev, A. P. [Ralph Fox, publicist of the Communist Party of Great Britain] Ral'f Foks, publitsist Kompartii Velikobritanii. [Moskva] Izd-vo Mosk. univ., 1961. 56 p.
(MH)

FOXES see subdivision under Novosibirsk Province

FRACTIONS

Joint study of ordinary and decimal fractions in the fifth-grade arithmetic course. Report No. 2. Results of the experiment. E. V. Vandysheva. Dokl. APN 6 no. 4:19-22 '62.

FRANCE—BANK HOLDING COMPANIES

The financial oligarchy of France. G. Chernikov. Mir. ekon. i mezhdunar. otn no. 12 28-37 D '62

FRANCE—COMMERCE—RUSSIA

Important issues in Soviet-French trade V Kozyrev Nov. vrem 20 no 52 9-10 D '62.

FRANCE—COMMUNIST PARTY—CONGRESSES

Parti Communiste. Congres national. 16th, Saint Denis, 1961. [The 16th Congress of the French Communist Party. Translated from the French] XVI s"ezd Frantsuzskoi kommunisticheskoi partii. Moskva, Gospolitizdat, 1962. 173 p. (Dokumenty i materialy zarubezhnykh kommunisticheskikh rabochikh partii)

FRANCE—CULTURE

Andre Wurmser visits us Sov. muz 26 no 10 133-134 O '62

FRANCE—DOMESTIC RELATIONS

Our problems Yvonne Tolman Sov. just no 10 16-17 My '62

FRANCE—FOREIGN RELATIONS—ALGERIA

Kharlanov, Iu. F. [Mystery of the two crosses] Taina dvukh krestov. [Moskva] Molodaia gvardiia, 1962. 142 p.

FRANCE—FOREIGN RELATIONS—GERMANY, WEST

Bonn accent of General de Gaulle. G. Gurkov, A. Serbin. Ogonek 40 no. 40, 4-5 S '62.

FRANCE—HISTORY

Historical studies on the parising of 1413 in Paris [in Georgian with summary in Russian] K Meshveliani Trudy Tbil. GU 87 217-222 '60

FRANCE—LIBERTY OF THE PRESS

Attack of the regime of autocratic power on the freedom of the press. Andre Duran. Mezhdunar. zhizn' 10 no. 1 150-153 Ja '63.

FRANCE—RELATIONS (MILITARY) WITH WESTERN GERMANY

Military - economic cooperation between France and Western Germany. Vl. Dubrovin. Mezhdunar. zhizn' 10 no. 1 103-113 Ja '63.

FRANCE—THEATER

"Peace" in Marseilles, Paris, and Strasbourg. E. S. Teatr 23 no. 11:186-187 N '62.

FRANCE—WOMEN—EMPLOYMENT

One thousand years of women at work Gilette Ziegler. Zhen mira no 3 8-11 '62

FRANK, LEONHARD, 1882-?

Leonhard Frank, on the 80th anniversary of his birth. Vest. AN SSSR 32 no. 12 116-117 D '62.

FRANKO, IVAN, 1856-1916

"Ivan Franko and the contemporary educational thought in Galicia" by V. K. Savynets'. Reviewed by O. Dzevarin. Rad. shk. 41 no. 9:90-91 S '62.

Seventh Academic Session on Franko. M. S. Hrytsiuta. Rad. lit. 6 no 6 152 N-D '62

FRANZ JOSEF LAND—LANDSLIDES

Slope processes in the periglacial zone of the Franz Josef Land. V. L. Sukhodrovskii. Izv. AN SSSR. Ser. geog. no. 6:85-93 N-D '62.

FRANZ JOSEF LAND—RADIO OPERATORS

Pictorial report from Franz Josef Land. L. Labutin. Radio no. 11 16-17 N '62.

FREE ELECTRON THEORY OF METALS

Calculating the electron characteristics of metals on the basis of measurements of their optical constants [with summary in English]. K. P. Gurov, I. E. Leksina, N. V. Penkina. Zhur. eksp. i teor. fiz. 43 no. 5, 1957-1963 N '62.

On the statistical electron theory of free surface energy of binary metal solutions [with summary in English]. S. N. Zadumkin. Ukr. fiz. zhur. 7 no. 7:715-719 Jl '62.

FREEZE-DRYING

Effect of freeze-drying on the antigenic properties of the skin [with summary in English]. E. M Saakiants Khirurgiia 38 no. 10:28-31 O '62.

Preservation of the skin by the freeze-drying technic. A. G. Fedotenkov, L. A. Denilova, I. P. Dishkant. Probl gemat. i perel. krovi no. 9:45-48 '62.

FREIGHT AND FREIGHTAGE

Interaction of railroad and automotive transportation in case of centralized freight delivery. E. S. Furman. Trudy MIIT no. 146:180-207 '62.

Transportation of containerized piece freight in packages. I V. Shtefko. Trudy MIIT no. 146:158-179 '62.

FREIGHTERS

Dry cargo motorship "Novyy Donbass." I. Tiutin. Mor. flot 22 no. 12:37-38 D '62.

FRENCH LANGUAGE—STYLE

Bally, Charles [French stylistics. Translated from the French] Frantsuzskaia stilistika Pod red E. G. Etkinda Vstup. stat'ia R. A. Budagova Moskva, Izd-vo inostr. lit-ry, 1961. 393 p. (NjP)

FRENCH NEWSPAPERS

Fighter for the happiness of the people. P. Smolenskii Sov. pech. no. 11 56 N '62.

FREQUENCY CHANGERS

Frequency divider with ferrite-transistor triggers. E. I. Dolbak, A. I. Tovbina. Izm. tekh. no. 12 46-47 D '62.

Present state and future development of frequency converters and phase converters. A. I. Artem'ev. Elektrichestvo no. 10:94-96 O '62.

FREQUENCY MEASUREMENTS

Device for obtaining amplitude-phase characteristics of four-poles in infrasonic frequency range. T M Aliev, A. A. Ter-Khachaturov. Izv. vys. uchob. zav., prib 5 no. 6 130-131 '62.

FREQUENCY REGULATION

Improving the use of asynchronous short-circuited electric motors with use of frequency speed regulation K P Kotrikov. Sudostroenie 28 no 11 41-42 N '62

Possibilities of an asynchronous motor with frequency control. Iu. P Petrov Sudostroenie 28 no 11 no 38-40 N '62

FRESHWATER FISHES see Fishes, Freshwater

FRESHWATER FLORA

Higher aquatic plants and their relation to the contamination of continental bodies of water. N. M. Kabanov. Trudy Gidrobiol. ob-va 12:410-416 '62.

FRICTION

Changes in the movement resistance of sleighs and skis with atmospheric temperature. M. M. Korunov. Izv. vys. ucheb. zav., les. zhur. 4 no. 5:165-167 '61.

Coefficient of friction during force interaction between the casting and the mold. L. B. Kogan, G. F Gorbul'skii. Lit. proizv. no. 11:34-35 N '62.

Contact area between rubbing bodies. S. B. Ainbinder. Izv. AN SSSR, Otd. tekh. nauk, Mekh. i mashinostr no. 6:172-174 N-D '62.

How rubbing between steels leads to the formation of a "white" layer. K. V. Savitskii, N. N. Sukharina Izv. vys. ucheb. zav. ;fiz no. 5:170-173 '62.

FRIEDMANN, MARION

"The slap" [in English] by Marion Friedmann. Reviewed by L. Saratovskaia. Az. i Afr. sovr. no. 12:51 D '62.

FRIT FLIES

(see also subdivision under White Russia)

Mixed plantings and the Swedish fly. I. D. Shapiro, N. S. Koravianskii, Iu. K. Novoselov. Zashch. rast. ot vred. i bol. 7 no. 4 37-38 Ap '62.

Two forms of frit flies of the genus Meromyza infesting grain. L. I Fedoseeva Zashch. rast. ot vred i bol 7 no 8 47 Ag '62

FROST PROTECTION

Methods for protecting grapevines from the action of low temperatures. D. S. Suleimanov. Trudy Azerb. nauch.-issl. inst. sad., vin. i subtrop. kul't. no. 5 25-40 '62.

FROSTBITE

Use of BF glue during the postoperative period in the treatment of microtraumas, burns and frostbite [with summary in English]. B. V Chetverushkin, A. A Avdykovich. Khirurgiia 38 no 10:26-28 O '62

FROZEN FOOD see Food, Frozen

FROZEN GROUND

(see also subdivision under Ural Mountains)

Construction of boiler houses on permafrost. M. V. Kim. Prom. stroi 40 no. 11:28-31 '62

Mechanized working of frozen ground and rock. Stroitel' 8 no. 9:2-5, 3 of cover S '62.

New displays at the construction exhibition. A. Kozlov. Ekon. stroi. no. 12:55-56 D '62.

Removable working part for the MKTS-2 trench excavator for work in frozen ground. V. I. Drozdov. Transp. stroi. 12 no. 11:36-37 N '62.

FRUIT

Zaborovskii, E. P. [Fruits and seeds of tree and shrub species] Plody i semena drevesnykh i kustarnikovykh porod. Moskva, Goslesbumizdat, 1962. 302 p. (DNAL)

FRUIT—CHEMICAL COMPOSITION

Biochemistry of pear. V. V. Arasimovich and others. Vop. fiziol. i biokhim. kul't. rast. no. 2:3-29 '62.

Biochemistry of quince. I. A. Fraiman, O. V. Masiukova. Vop. fiziol. i biokhim. kul't. rast. no. 2:30-51 '62.

Changes in the chemical composition of strawberries as related to the time and conditions of ripening. M. I. Panasiuk. Nauch. trudy Ukr. nauch.-issl. inst. sad. no. 38:160-164 '62.

Content of some organic acids in plums [in Ukrainian] L. D. Zelenskaia. Nauch. trudy Ukr. nauch.-issl. inst. sad. no. 38 170-181 '62.

Effect of changes in the sugar and organic acid content on the quality and keeping of apple. F. I. Dzhuraeva, P. D. Supiun. Nauch. trudy Ukr. nauch.-issl. in-t sad. no. 38 165-178 '62

FRUIT—DISEASES AND PESTS

(see also subdivision under Karaganda Province, Kazakhstan, Kharkov Province, Moscow Province, Uzbekistan, White Russia)

A new model of blower-type sprayer for orchard [in Ukrainian] Prokopenko and others. Zashch. rast. ot vred i bol no 2 11-12 F '60

FRUIT—DISEASES AND PESTS—BIBLIOGRAPHY see Bibliography—Fruit—Diseases and pests

FRUIT—DRYING

Oil-heated fruit dryer. M. S. Khomenko Nauch. trudy Ukr. nauch.-issl. inst. sad. no 38 189-192 '62

FRUIT—STORAGE see subdivision under Storage

FRUIT—VARIETIES

Ven'yaminov, A. N., ed. [New varieties of fruit in the central region of the European U. S. S. R. and the Ukraine] Novye sorta plodovykh kul'tur srednei chasti Evropeiskoi chasti SSSR i Ukrainy. [Moskva] Izd-vo Mosk. univ., 1961. 402 p. (DNAL)

FRUIT, CANNED

"Canned fruit and vegetables" by A. I. Nametkin. Reviewed by D. P. Belousov Konservn. prom. no 12 36-37 D '62

FRUIT CULTURE

(see also subdivision under Georgia, Sunny Provence)

Basic factors determining the quality of orchard treatment by means of blower-type sprayers [in Ukrainian] Zashch. rast. ot vred. i bol 7 no 6, 17-18, '62

Modified orchard plow. S. Mikoshchenko. Sel'khoz no. 10 24-25 '62.

FRUIT JUICES

Producing fruit juices under sterile conditions by means of a box-type container for bottling. Iu. P. Zhuk. Nauch. trudy Ukr. nauch.-issl. inst. sad. no 38 208-210 '62

FRUNZE—CHILDREN—GROWTH

Dynamics of the physical development of school children in Frunze for 1955-1961. F. P. Afanas'ev. Pediatriia no. 7:15-20 '62

FRUNZE—TEXTILE WORKERS

Jack of all trades... G. Samokhvalov. Sov. profsoiuzy 18 no. 23-24-25 D '62.

FRUNZE PROVINCE—MEAT INDUSTRY

Thirteenth anniversary of the Frunze Meat Combine G Mamadzhanov Mias ind SSSR 33 no 6 54 '62

FUEL

Demidov, P. G. [Combustion and the properties of fuels] Gorenie i svoistva goriuchikh veshchestv. Moskva, Izd-vo M-va komm. khoz. RSFSR, 1962. 264 p.

Unit for enriching generator gas with liquid fuel. Ivanov. Stek. i ker. 19 no. 11, 35-36 N '62.

FUEL PUMPS

(see also subdivision under United States)

An automatic device for sorting jet needle valves. Z. I. Tubenshlink, L. M Sokolova Trakt. i sel'khozmash 32 no 9 38-40 S '62

Requirements to precision parts of fuel aggregates. V. Starostin. Standartizatsiia 26 no. 11, 9-11 N '62.

FUEL PUMPS—TESTING

Operational testing of the MKZ-B-01 fuel pump in Central Asia. A. Potokin. Avt. transp. 40 no. 11 N '62.

FUEL RESEARCH see subdivision under United States

FUEL TRADE see subdivision under Ukraine

FUMIGATION

Fumigation attachment to viticultural machines. P. P Listengurt, F. P. Polivtsev. Zashch. rast. ot vred i bol. 8 no. 6:15-16 Ag '61.

Gas analyzer and its use in quarantine fumigation. I Kucherova, F T. Liuttsyn Zashch rast. ot vred i bol 7 no 8 52 Ag '62

FUNCTIONAL ANALYSIS

Completeness of a system of nonsingular and power elements of non-self-conjugated operators. Talat E. Allakhverdiev. Trudy Vych. tsentra AN Azerb SSR 1:3-6 '62.

FUNCTIONS

Concerning a certain method for the search of the minima of a function in the presence of restrictions [with summary in English]. E. Z. Moszovaia. Avtom. i telem. 23 no. 12:1654-1661 D '62.

FUNCTIONS (Continued)

Generalized monogenic functions of G Moisil and generalized conjugate functions of V. S Fedorov M S Shneerson. Ukr mat zhur. 14 no 1 116-152 '62

Pugachev, V. S. [Theory of random functions and its application to problems of automatic control] Teoriia sluchainykh funktsii i ee primenenie k zadacham avtomaticheskogo upravleniia Izd 3., ispr. Moskva, Fizmatgiz, 1962. 883 p

Some evaluations for the modulus and real part of pseudopositive functions. G. S. Shpak Izv vys ucheb zav., mat. no 6 148-154 '62,

Stimulating student activity in the study of functional relationship IU I Gol'dberg. Dokl. APN S no. 1, 23-26 '62.

Zhurina, M I, and L N Karmazina [Tables and formulas for the spherical functions $P^m_{-1/2}+ir(\tau)$] Tablitsy i formuly dlia sfericheskikh funktsii $P^m_{-1/2+1}(-)$ Moskva, Vychislitel'nyi tsentr AN SSSR, 1962 55 p

FUNCTIONS, ANALYTIC

Approximation of functions by asymptotic polynomials. I. I. Ul'terman Izv. vys. ucheb zav ;mat no. 6;162-171 '62.

Behavior of analytic functions in non-Archimedian normalized fields. D. N. Lenskoi Izv vys ucheb zav ; mat. no. 6;63-68 '62.

Criterion of the expandability of functions in a quasi-exponential series and quasi-analytic classes of functions G. V. Badalian. Izv. AN SSSR Ser. mat. 26 no. 6;839-864 N-D '62.

A formfactor satisfying the unitarity condition [with summary in English]. M. S. Marinov. Zhur. eksp. i teor. fiz. 43 no. 5;1769-1770 N '62.

A generalization of Reggeis theorem. O. S. Parasiuk. Dokl. AN SSSR 147 no. 3 571-572 N '62.

A nonlinear boundary value problem in the theory of analytic functions involved in certain elastic-plastic problems. G. P. Cherepanov. Dokl. AN SSSR 147 no. 3;566-568 N '62.

On a subclass of analytic functions in a circular ring. M. F. Kotsur. Izv. vys. ucheb. zav. mat. no. 6;51-61 '62.

On the extension of continuously differentiable functions. V. V. Vasil'kovskii, A. D. Myshkis. Usp. mat. nauk 17 no. 5 117-122 S-O '62.

FUNCTIONS, CONTINUOUS

On a problem of P. L. Ul'ianov. S. B. Stechkin. Usp. mat. nauk 17 no. 5;143-144 S-O '62.

On the approximation of continuous functions in closed regions containing angles, and S. M. Nikol'skii's problem. Part 1. V. K. Dzhadik. Izv. AN SSSR. Ser. mat. 26 no. 6;797-824 N-D '62.

FUNCTIONS, ELLIPTIC

Belikov, V. M., R. I. Kravtsova, and M. G. Rappoport. [Tables of elliptic integrals] Tablitsy ellipticheskikh integralov. Moskva, Izd-vo Akad. nauk SSSR. Vol. 1. 1962. 655 p.

FUNCTIONS, ENTIRE

Summation of Fourier integrals and the best approximation by integral functions. V. G. Ponomarenko. Dokl. AN SSSR 147 no. 3;556-558 N '62.

Zeros of successive derivatives of entire functions. IU. K. Suetin. Usp. mat. nauk 17 no. 3.197-199 My-Je '62.

FUNCTIONS, PERIODIC

Approximation of periodic functions pertaining to the $W^{(r_1, r_2)}_{D_{ij}}$ classes by means of Fourier sums. IU. L. Bessonov. Dokl. AN SSSR 147 no. 3;519-522 N '62.

FUNCTIONS, TRANSCENDENTAL

On the transcendence and algebraic independence of the values of E-functions related with any number of algebraic equations in the field of rational functions. A. B. Shidlovskii. Izv. AN SSSR. Ser. mat. 26 no. 6;877-910 N-D '62.

FUNCTIONS OF COMPLEX VARIABLES

Stoilow, Simion. [Theory of functions of complex variables. Translated from the Rumanian] Teoriia funktsii kompleksnogo peremennogo. Moskva, Izd-vo inostr. lit-ry.
Vol. 2. (Napisan pri sotrudnichestve Kabirii Andrelan Kazaku). 1962. 416 p.

FUNCTIONS OF SEVERAL VARIABLES

Analytic properties of the amplitudes of Feynman diagrams (n-tails) with a single closed loop [with summary in English]. V. E. Asribekov. Zhur. eksp. i teor. fiz. 43 no. 5;1826-1831 N '62.

FUNGI see subdivision under Sevan Lake region

FUNGI, PHYTOPATHOGENIC
(see also subdivision under Armenia; Crimea; Lipetsk Province; Rumania)

Mechanization of the control of soil-inhabiting fungi. E. F. Linnik. Zashch. rast. ot vred. i bol. 5 no. 2;57 F '60.

Zhuravlev, I. I. [Diagnosis of forest diseases] Diagnostika bolezni lesa. Moskva, Sel'khozizdat, 1962. 192 p.
(DNAL)

FUNGI, POISONOUS

Hygiene of feeds infected by fungi [with summary in English]. T. E. Burdelov, V. G. Zhil'trov. Izv. TSKHA no 4 117-126 '62

FUNGI, PREDATORY

Sopunov, F. F. [Predaceous fungi hyphomycetes and their use in controlling pathogenic nematodes] Khishchnye griby-gifomitsety i ikh primenenie v bor'be s patogennymi nematodami. Ashkhabad, Izd-vo Akad. nauk Turkmenskoi SSR, 1958. 365 p.
(DNAL)

FUNGI IMPERFECTI see subdivision under Trans-Ili Ala-Tau

FUNGICIDES

Dinitrothiocyanatobenzene with colloidal sulfur M. I. Zubov Zashch rast. ot vred i bol 7 no 8 34-35 Ag '62

Instead of Bordeaux mixture. I. D. Chikviladze Zashch. rast ot vred. i bol 7 no. 6;37 Je '62.

Methods for laboratory testing of new seed disinfectants. E. I. Andreeva. Zashch. rast. ot vred. i bol. 6 no. 8 40-41 Ag '61.

FUR FARMING

Bludorov, A. S. [Students' work on fur farming] Rabota shkol'nikov po zverovodstvu; posobie dlia uchitelei srednei shkoly. Moskva, Uchpedgiz, 1961. 122 p.

FURALDEHYDE

Determination of the carbonyl compoun of noncarbohydrate character in furfurole condensates V G Kul'nevich, I G. Mokhnachev, A M Filatova Gidroliz i lesokhim prom 15 no 8-16-18 '62

Separation of furfurole by gas-liquid chromatography G. Zh. Ibraev, M I. Goriaev. Gidroliz. i lesokhim. prom 15 no. 8;25-26 '62

Temperature and concentration dependence of the specific gravity and viscosity of furfurole aqueous solutions IU. L. Esipov, V. I Gagarin Gidroliz, i lesokhim. prom 15 no. 8 15-16 '62.

FURAN

Antimicrobial activity of nitrofuran series preparations in the combination with antibiotics. Report 3. Nature of the effectiveness of nitrofuran series preparations in the combination with antibiotics in white rat septicemia, caused by bacteria of the genus Proteus. L. Alekseeva. Izv. AN Latv. SSR no. 1;101-108 '61.

Electrolyzer for methoxylation of furans [with summary in English]. G. Sokolov. Izv. AN Latv. SSR no. 1;67-69 '61.

FURNACES

Bol'shii, V. I., and B. V. Sergeev. [Industrial furnaces and smokestacks] Promyshlennye pechi i fabrichnozavodskie truby. Moskva, Gosstroiizdat, 1962. 270 p.

Devices for analyzing the chemical composition of the flue gases of boiler furnaces. L IA Eigel'. Prom energ. 17 no. 11;60 N '62.

Operation of a furnace with a fluidized bed. L. N. Sidel'kovskii, A. P. Shurygin, E. A. Sidel'nikov. Izv vys ucheb. zav. ;energ. 5 no. 11;58-65 N '62.

FURNACES, HEAT-TREATING

Catch for gas cementation furnaces. S. K. Moiseev. Mashinostroitel' no. 11-29 N '62.

FURNACES, HEATING

Aksel'rud, L. G., I. I. Sukhov, and V. M. Tymchak. [Soaking pits] Nagrevatel'nye kolodtsy. Moskva, Metallurgizdat, 1962. 235 p.
[MICROFILM]

Aspects of the work of heaters in hot-air heating systems with gravity circulation M. M. Grudzinskii. Ved. i san. tekh no. 9;19-20 '62.

Automatic holding furnace temperature regulators. V. IU. Kaganov, G. I. Obraztsov. Metallurg 7 no. 12; 24-25 D '62.

Lebedev, N. S., and A. S. Telegin. [Heating furnaces] Nagrevatel'nye pechi. Moskva, Mashgiz, 1962 344 p.

Mechanical furnace for heating rings. A. I. Eremichev. Mashinostroitel' no. 11;10 N '62.

FURNITURE
(see also subdivision under Lithuania; Poland)

Furniture in a modern apartment L. Cherikover. Strol. i arkhit Mosk. 11 no. 1;10-22 Ja '62.

FURNITURE INDUSTRY

Review of the experimental design and research work completed by the Central Furniture Design Bureau during 1961. Der. prom. 11 no. 11;25-26 N '62.

FURNITURE INDUSTRY—ACCOUNTING see subdivision under Skhodnya

FURNITURE INDUSTRY—HYGIENIC ASPECTS see subdivision under Riga

FURNITURE INDUSTRY—QUALITY CONTROL

Improving the quality and increasing the service time guaranty of products is an important task of the national economy. S. V. Aleksandrov. Der. prom. 11 no. 11; 1-3 N '62.

FURUNCLE

Furuncles and carbuncles of the face and their treatment. K. B. Akhmedova, N. A. Shishirev. Klin. med. 40 no. 10;134-137 O '62.

FUSARIUM see subdivision under Georgia

FUSED SALTS

Analysis of polarograms of the reversible isolation of metals from melts IU K. Delimarskii, A V Gorodyskii, V L Shapoval Ukr khim zhur 28 no 9-1037-1041 '62

Chlorination of titanium slags in melted carnallite. A. B. Bezukladnikov. Zhur. prikl khim. 35 no. 11;2380-2385 N '62.

Interaction of praseodymium chloride with sodium and potassium chlorides in melts Z. N. Shevtsova, E. N. Korzina, B. G. Korshunov Zhur. neorg khim. 7 no 11;2596-2599 N '62

Stable intersecting tetrahedron of the system Na^+, K^+, Ca^{2+}, Ba^{2+} // F^-, Cl^- G. A. Bukhalova, G. N. Maslennikova Zhur neorg khim 7 no 11 2610-2626 N '62

Ternary reciprocal system consisting of lithium and nickel chlorides and sulfates M. S. Golubeva, B. S. Medvedev. Zhur neorg khim 7 no 11 2600-2603 N '62

Voltampere characteristics of the electrolytic solution of titanium in fused salts E. B. Gitman. Ukr. khim. zhur. no. 9 1116-1117 '62.

Vsesoiuznoe soveshchanie po fizicheskoi khimii rasplavlennykh solei i shlakov. [Abstracts of reports of the All-Union Conference on the Physical Chemistry of Fused Salts and Slags] Tezisy dokladov. Sverdlovsk, Akad. nauk SSSR, 1960. 70 p.
[MICROFILM]

GACHEV, DMITRII IVANOVICH, 1902-1945

Correspondence between D. Gachev and Romain Rolland. M. S. Bruk. Sov. muz. 26 no. 11-46-54 N '62.

In memory of Dmitrii Gachev. D. Zhitomirskii. Sov. muz. 26 no. 11, 46-49 N '62.

GADOLINIUM

Electron paramagnetic resonance in supercooled solutions containing Mn^{2+} and Gd^{3+} ions. N. S. Garif'ianov, R. Kh. Timerov, N. F Usacheva Fiz. tver. tela 4 no 11 3341-3345 N '62

GADOLINIUM—ISOTOPES

Comparison of the energy states of the Gd^{152} nucleus with the theory of nonaxial nuclei. A. T. Strigachev. Vest. Mosk. un. Ser. 3; Fiz., astron. 17 no 6;20-23 N-D '62.

GADOLINIUM-COBALT ALLOYS see Cobalt-gadolinium alloys

GAIDAI, ZOIA MIKHAILOVNA, 1902-

Her art lives on; on Z. Gaidai's sixtieth birthday. I. Molostova Sov muz 26 no 10,41-43 O '62

GAIDAR, ARKADII PETROVICH, 1904-1941

Life and works of Gaidar. B. Karnov. Vop. lit. 6 no. 10 192-199 O '62.

GALL BLADDER—CANCER

Histological diagnosis of unrecognized gall bladder cancer. M. A. Potekaeva, K. F. Smirnova. Klin. med. 40 no. 10;118-120 O '62.

GALL BLADDER—DISEASES

X-ray and surgical comparisons in acute cholecystitis [with summary in English]. L. A. Zbykovskaia. Klin. med. 40 no. 10;65-70 O '62.

GALL GNATS

Apparatus for recording the gall midge. M. I. Boldyrev. Zashch. rast. ot vred. i bol. 7 no. 6;46 Je '62.

Mamaev, B. M. [Gall midges, their biology and economic significance] Gallitsy, ikh biologiia i khoziaistvennoe znachenie. Moskva, Izd-vo Akad. nauk SSSR, 1962. 71 p.

GALLIC ACID

Complex formation of indium with gallic acid. D. I. Riabchikov, IA o Ke-min' [YAo K'e-min], I N. Marov. Zhur. neorg khim 7 no. 11;2545-2548 N '62.

GALLIUM—ANALYSIS

7-(5-Sulfo-2-naphthylazo)-8-hydroxyquinoline-5-sulfonic acid, 7-(4-sulfo-1-naphthylazo)-8-hydroxyquinoline-5-sulfonic acid, 7-(4, 8-disulfo-2-naphthylazo)-8-hydroxyquinoline-5-sulfonic acid, and 7-(5, 7-disulfo-2-naphthylazo)-8-hydroxyquinoline-5-sulfonic acid as indicators for the direct complexonometric determination of gallium [with summary in English]. A. I. Busev, L. M. Skrebkova, L. L. Tal'pova. Zhur. anal. khim. 17 no. 7;831-839 O '62.

GALLIUM ARSENIDE—SPECTRA

Structure of direct recombination spectra of gallium arsenide. D. N. Nasledov and others. Fiz. tver. tela 4 no. 11;3346-3348 N '62.

GALLIUM ARSENIDE CRYSTALS

Tensiometric properties of acicular crystals of gallium arsenide. S. N. Baranovskii. Izv. vys. uchebn. zav., fiz. no. 5 124-127 '62.

GALLIUM HYDROXIDE—SPECTRA

Infrared absorption spectra of α-AlOOH diaspore, γ-AlOOH boehmite, and GaOOH. V. A. Kolesova, IA. I. Ryskin. Zhur. strukt. khim. 3 no. 6 680-684 '62.

GALLIUM PHOSPHIDE

Photoconductivity in GaP. D. N. Nasledov, S. V. Slobodchikov. Fiz. tver. tela 4 no. 11 3161-3164 N '62.

GALLIUM PHOSPHIDE—ELECTRIC PROPERTIES

Electric properties of GaP crystals. D. N. Nasledov, S. V. Slobodchikov. Fiz. tver. tela 4 no. 10 2755-2759 O '62.

GALLS (BOTANY)

Materials on sawflies producing galls on willows in Western Siberia. V. K. Stroganova. Trudy Biol. inst. Sib. otd. AN SSSR no. 8 157-164 '62.

GAME AND GAME BIRDS
(see also subdivision under Siberia)

Take game animals into consideration in forest management. V. M. Pavlov. Les. khoz. 15 no. 10 74-75 O '62.

GAME AND GAME BIRDS—PARASITES see Parasites—Game and game birds

GAMMA-RAY SPECTROMETRY

Energy distribution of photofission fragments of U238 nuclei at various peak energy values of the gamma-quantum bremsstrahlung spectrum [with summary in English]. B. A. Bochagov, A. P. Komar, G. D. Solkin. Zhur. eksp. i teor. fiz. 43 no. 5 1611-1615 N '62.

GAMMA RAYS

Absorption of gamma rays in infinite lattice systems. G. M. Terent'ev, A. El'tekov, IU. S. Riabukhin. Atom. energ. 13 no. 6 588-591 D '62.

Angular anisotropy of γ-quanta accompanying U235 fission [with summary in English]. M. V. Blinov and others. Zhur. eksp. i teor. fiz. 43 no. 5 1644-1648 N '62.

Calculating the factors of γ-ray build-up in heterogeneous media. D. L. Broder, IU. P. Kaiurin, A. A. Kutuzov. Atom. energ. 13 no. 6 593-595 D '62.

Destruction of starch under the effect of ionizing gamma radiation [with summary in English]. V. F. Oreshko, K. A. Korotchenko. Trudy VNIIZ no. 38, 37-50 '60.

Determining soil density by means of gamma rays. V. A. Artsybashev. Avt. dor. 25 no. 11, 15-16, 19 N '62.

Effect of Co^{60} gamma rays on the activity of the enzyme lipase and the characteristics of the grain fats of stored corn [with summary in English]. A. D. Chmyr'. Trudy VNIIZ no. 38, 97-104 '60.

Effect of gamma radiation on the initial permeability of some ferromagnetic materials. E. Trinklers. Izv. AN Latv. SSR no. 2, 95-98 '61.

Effect of gamma radiation on the intensity of a nuclear quadrupole resonance signal [with summary in English]. I. Birtukov. Izv. AN Latv. SSR no. 3, 59-60 '61.

Effect of gamma rays on glasses of the system $Na_2O - Al_2O_3 - SiO_2$. V. V. Vargin, S. A. Stepanov. Dokl. AN SSSR 147 no. 3, 609-611 N '62.

Effect of gamma rays on the gluten and baking quality of wheat flour [with summary in English]. A. B. Bakar, E. B. Tolchinskaia. Trudy VNIIZ no. 38, 87-95 '60.

Effect of ionizing gamma radiation on the sizing of starch [with summary in English]. V. F. Oreshko, L. G. Gorin. Trudy VNIIZ no. 38, 51-65 '60.

Energy spectrum of gamma-radiation defects in silicon. N. A. Vitovskii, T. V. Mashovets, S. M. Ryvkin. Fiz. tver. tela 4 no. 10, 2845-2848 O '62.

Gamma-ray albedo of some radioactive isotopes [with summary in English]. U. Ulmanis. Izv. AN Latv. SSR no. 3, 61-66 '61.

Hygienic evaluation of grain irradiated with radiocobalt [with summary in English]. E. N. Vasil'eva, L. A. Okuneva, IU. P. Kukel'. Trudy VNIIZ no. 38, 115-121 '60.

Structural changes of gliadin in wheat irradiated with gamma rays [with summary in English]. M. S. Reznichenko, L. I. Polotnova. Trudy VNIIZ no. 38, 123-127 '60.

GANGLERON

Action of gangleron and hexonium on the regional blood circulation in hypertension. V. A. Kononiachenko, G. E. Chapidze. Klin. med. no. 9, 106-111 '62.

GANTIADI—CANNING INDUSTRY

We shall give our country high-quality canned food. N. D. Smirnova. Kons. i ov. prom. 17 no. 12, 6 D '62.

GARAGASHIAN, ANTON MADATHIA, 1820-1903

Shakarian, G. G. [Philosophy of A. M. Garagashian. Mirovozzrenie A. M. Garagashiana. Erevan, Izd-vo Erevanskogo gos. univ.,] 1962. 228 p. [In Armenian]

GARMENT CUTTING

Experiment in setting norms for textile fabric expenditure. E. K. Rotenberg. Shvein. prom. no. 6, 28-31 N-D '62.

Present state of fabric cutting. I. I. Kapustin, E. A. Dolin. Shvein. prom. no. 6, 19-24 N-D '62.

GAS

Pan'kovskii, V. I. [Gas in industry and in the household] Gaz na proizvodstve i v bytu. [Tula] Tul'skoe knizhnoe izd-vo, 1959. 78 p.

GAS—STORAGE

Safety problems in collecting and storing oil and gas. R. IA. Estrin, N. S. Khachaturova, T. M. Medvedeva. Bezop. truda v prom. 6 no. 12, 8-10 D '62.

GAS, NATURAL
(see also subdivision under Soviet Central Asia, Uzbekistan)

New stage in the development of the gas industry. A. Kortunev. Zhil.-kom. khoz. 12 no. 6, 8-9 Je '62.

GAS, NATURAL—ANALYSIS see subdivision under Carpathian Mountains

GAS, NATURAL—GEOLOGY
(see also subdivision under Apsheron Peninsula, Azerbaijan, Azov-Kuban region, Bayram-Ali region; Black Sea region; Carpathian Mountains, Caspian Lowland, Caspian Sea region, Caucasus, Northern, Daghestan, Dnieper-Donets Lowland; Donets Basin, Kazakhstan; Kobystan; Mangyshlak Peninsula, Orenburg Province; Pokutye region; South Caspian Depression, Soviet Central Asia, Surkhandarya Province, Turkmenistan, Ukraine, Volgograd Province)

Characteristics of the changes in the quality of oil on the territory of some oil- and gas-bearing areas. A. K. Karimov. Vop. geol. Uzb. no. 2, 178-181 '61.

Composition of gases in gas deposits as dependent on the depth of occurrence. V. F. Nikonov. Dokl. AN SSSR 147 no. 3, 710-711 N '62.

Recent data on direct geochemical methods of prospecting for oil and gas. B. P. IAsenev. Geol. nefti i gaza 6 no. 12, 54-58 D '62.

Results of the joint session on the fuel industry of the Oil and Gas Section of the Council of Geological Testimony of the Ministry of Geology and Conservation of Mineral Resources of the U. S. S. R. and the Geological Section of the Scientific and Technical Council on Mineral Resources of the Committee of the Council of Ministers of the U. S. S. R. V. Vasil'ev, S. Kosorotov. Geol. nefti i gaza 6 no. 11, 61-64 N '62.

GAS, NATURAL—PIPELINES
(see also subdivision under Komi A. S. S. R.)

Concerning the economic efficiency of long-distance gas transportation systems. E. Kh. Odel'skii. Izv. vys. ucheb. zav.; energ. 5 no. 11, 108-112 N '62.

Conditions causing the penetration of condensates into gas pipeline. A. S. Velikovskii, G. S. Stepanova, O. F. Khudiakov. Trudy VNIIGAZ no. 17, 154-162 '62.

Improve the organization of designing gas pipelines. N. P. Alvazov. Stroi. truboprov. 7 no. 11, 7-8 N '62.

"The line of courage." N. Mikhinau. Belarus' 19 no. 12, 2-3 D '62.

Prepare well for construction of the next part of the Bukhara - Ural Mountain region gas pipeline. O. N. Kanavin. Stroi. truboprov. 7 no. 11, 4 N '62.

Regulate the time of delivery of planning papers and improve their quality. M. IA. TSarev. Stroi. truboprov. 7 no. 11, 8-9 N '62.

Technical and economic calculations for main gas pipelines. R. IA. Pechenikov, S. G. Rabicheva. Stroi. truboprov. 7 no. 11, 12-14 N '62.

Toward new victories in communist construction. Stroi. truboprov. 7 no. 11, 1-2 N '62.

Using bulldozers on the Bukhara - Ural Mountain region route. V. I. Klimov. Stroi. truboprov. 7 no. 11, 15-17 N '62.

GAS, NATURAL—SEPARATION
(see also subdivision under Krasnodar Territory)

Apparatus for studying phase equilibria of hydrocarbon systems at low temperatures. O. K. Tabunshchikova, K. S. Konenkov. Trudy VNIIGAZ no. 17, 205-209 '62.

Methods for calculating the process of the low-temperature separation of natural gas. O. A. Ben'iaminovich, O. K. Tabunshchikova, A. S. Velikovskii. Trudy VNIIGAZ no. 17, 115-124 '62.

Separation of condensate from gas at low temperatures. A. S. Velikovskii, A. I. Arutiunov, V. V. IUshkin. Trudy VNIIGAZ no. 17, 99-107 '62.

Study of thermodynamic conditions governing the separation of gas in a gas condensate field. A. S. Velikovskii and others. Trudy VNIIGAZ no. 17, 108-114 '62.

GAS AND OIL ENGINES

Assembling of crankshafts in bearings. V. Zakharkinskii. Tekh. v sel'khoz. 22 no. 10, 62-63 O '62.

Calculating the adiabatic process of compression. IU. V. Zakhrebetkov. Trudy KHIIT no. 50, 48-51 '61.

Calculation of the machining process of the chamber of a rotary piston engine. V. S. Beniovich, V. B. Gostev. Trakt. i sel'khozmash. 32 no. 9, 14-15 S '62.

Method for calculating the power losses of internal combustion engines. V. V. Strokopytov. Trudy LIIZHT no. 175, 112-122 '61.

Study of the servomotor of the speed regulator of the D50 engine. I. P. Sabunov. Trud. LIIZHT [illegible] 101-111 '61.

Thermophysical factors affecting the change of pressure indices in internal combustion engines. N. S. Ferulev, shenko. Izv. vys. ucheb. zav.; energ. 5 no. 11, [illegible] N '62.

Use of the multicyclic air filter of the SMD-14 [illegible] IU. Khlebnikov, V. M. ev. Tekh. v sel'khoz. 22 no. 1 55-57 O '62.

GAS AND OIL ENGINES—TESTING

Determining the air excess coefficient and the composition of exhaust gases in case of incomplete [illegible] of a mixed fuel. IU. V. Zakhrebetkov. Trud. LIIZHT no. 50, 11-45 '61.

GAS APPLIANCES
(see also subdivision under Saratov)

Automatic drought signal for household gas water heaters. L. S. Bernshtein, V. Gor. khoz. Moskv. 36 no. 12 41-42 O '62.

Gas appliances in one-room apartments during the repairs. D. L. Bernshtein. Gor. khoz. Moskv. 36 no. 10 40-41 O '62.

Nechaev, M. A., and others. [Pocket guide for the gas distribution worker] Karmannyi spravochnik rabochego gazovogo khoziaistva. Leningrad, Gostoptekhizdat, 1962. 526 p.

GAS AS FUEL

Increase in the evaporative capacity of boilers converted to operation on natural gas. O. M. Pavlov and others. Energetik 10 no. 11, 11-14 N '62.

Trot'iakov, V. M., and I. I. Kleinenova. [Automatic device for collecting average samples of natural gas] Avtomaticheskii sbornik sa[illegible]. Moskva, Gosenergoizdat, 1960. 46 p. [MICROCARD]

GAS CHROMATOGRAPHY

Elementary microanalysis with the help of gas chromatography. M. S. Vigdergauz. Prikl. [illegible] 51 no. 12 [illegible] 51 D '62.

Separation of furfurole by gas-liquid chromatography. G. Zh. Ibraev, M. L. Gorianov. Gidroliz. i lesokhim. prom. 15 no. 8, 25-26 '62.

GAS DISTRIBUTION

Construction of urban networks requires a rational organization of work. S. M. Mukhamadiarov. Stroi. truboprov. 7 no. 11, 23 N '62.

Nechaev, M. A., and others. [Pocket guide for the gas distribution worker] Karmannyi spravochnik rabochego gazovogo khoziaistva. Leningrad, Gostoptekhizdat, 1962. 526 p.

GAS DYNAMICS

Calculating the adiabatic process of compression. IU. V. Zakhrebetkov. Trudy KHIIT no. 50, 16-51 '61.

Flow of gas with shock waves propagating according to the power law. Case of the flat wave. I. I. Ivanenkova. Izv. AN SSSR, Otd. tekh. nauk, Mekh. i mashinostr., no. 6, 142-143 N-D '62.

Moscow. Energeticheskii institut. [Physical gas dynamics, heat transfer, and the thermodynamics of gases at high temperatures] Fizicheskaia gazodinamika, teplo- i massobmen i termodinamika gazov vysokikh temperatur. Moskva, Izd-vo Akad. nauk SSSR, 1962. 311 p.

Problem of a generalized solution in the theory of quasilinear equations and in gas dynamics. S. K. Godunov. Usp. mat. nauk 17 no. 3, 147-158 My-Je '62.

Pyrometric study of the state of a gas behind a reflected shock wave. F. M. Kudriavtsev and others. Zhur. eksp. i teor. fiz., inst. 16, 159-200 '62.

Pyrometric study of the state of air, nitrogen, and argon behind a shock wave. F. S. Faizullov. Zhur. eksp. i teor. fiz., inst. 10, 105-158 '62.

GAS FLOW

Calculating the thermal boundary layer in compressible gas flow [with summary in English]. I. M. Mo[illegible] Molozhen. Inzh.-fiz. zhur. 5 no. 6, 31-36 Je '62.

Heat and mass transfer between a gas and single gas [with summary in English]. L. S. Shteinberg. Inzh.-fiz. zhur. 5 no. 10, 26-31 O '62.

Local method of direct measurement of the velocity profile of the boundary layer of a nonuniformly heated plane plate [with summary in English]. A. P. Sin[illegible] Inzh.-fiz. zhur. 5 no. 10, 47-52 O '62.

Outflow of a laminar jet of a conducting gas into a gas surrounded by a magnetic field [with summary in English]. K. I. Strakhovich, IU. A. Sokovishin. Inzh.-fiz. zhur. 5 no. 10, 65-69 O '62.

GAS PIPES

The regulations for inspecting joints of house gas pipes must be changed. IA. Brodskii, G. Alekseev. Stroi. truboprov. 7 no. 11, 23 N '62.

GAS PRODUCERS

Asoev, E. N., and A. S. Epshtein. [Design and calculations for free-piston gas generators] Konstruirovanie i raschet bezval'vnykh generatorov gaza. Moskva, Mashgiz, 1962. 354 p.

Development of a free-piston gas producer for transportation purposes L. M. Maizel', B. M. Chernomordik Vest. TSNII MPS 21 no. 7:33-36 '62

GAS TORCHES

Connection between ionization and heat emission during the burning by torch of methane-bearing gas. M. A. Glinkov, B. F. D'iachkov. Izv. vys. uchеb. zav., chern. met. 5 no. 11 181-187 '62.

GAS-TURBINE LOCOMOTIVES—DESIGN AND CONSTRUCTION

Testing results and prospects of the development of a gas-turbine plant with a free-piston gas producer IU. I. Onishchenko Trudy KHIIT no. 46 100-108 '61

GAS TURBINES

Analysis of principal networks and thermodynamic characteristics of the engines of gas turbine locomotives with free-piston gas generators E. T. Bartosh, E. M. Sluziumova Trudy TSNII MPS no. 241 58-62 '62

Calculation of thermodynamic processes in gas turbine systems. L. A. Shevchenko Trudy TSNII MPS no. 241 51-57 '62

Choice of surface type of the heat exchangers of locomotive gas turbine systems. L. N. Alekseev, M. E. Melikhov Trudy TSNII MPS no. 241 83-93 '62

Cooling of the fire tube of a counter-flow combustion chamber. L. K. Kistiants, L. M. Naiman Trudy TSNII MPS no. 241 119-132 '62

Pickup characteristics of the gas turbine engines of locomotives with mechanical transmission systems E. T. Bartosh. Trudy TSNII MPS no. 241 20-35 '62.

Problem concerning the warping of the fire tubes of the combustion chambers of gas turbine engines. L. M. Neiman, G. E. Serdelevich Trudy TSNII MPS no. 241 141-153 '62.

Salikov, A. P. [Foreign gas-turbine installations using liquid fuel] Zarubezhnye gazoturbinnye ustanovki na zhidkom toplive. Moskva, Vses. in-t nauchn. i tekhn. informatsii, 1960. 138 p. [MICROFILM]

Selection of the principal parameters of the gas turbine of a locomotive with a mechanical transmission system L. A. Shevchenko, L. IA. Leventsl'. Trudy TSNII MPS no. 241:5-19 '62

Some special features of the operation of telescopic flame pipes with deep overlap of the shells V. A. Khristich, A. M. Shevchenko. Izv. vys. uchеb. zav.; energ. 5 no. 11:69-73 N '62.

Special features of burning low-grade liquid fuels in uniflow combustion chambers S. F. Pavlov, S. S. Okhotnikov. Trudy TSNII MPS no. 241 133-140 '62.

Study of the operation of double-jet two-stage burners L. V. Kulagin. Trudy TSNII MPS no. 241 154-163 '62.

Tractional characteristics of a turbine with counter-rotating rotors. E. T. Bartosh. Trudy TSNII MPS no. 241: 36-50 '62.

GAS WELDING AND CUTTING

Automatic ignition of the gas flame. T. V. Bol'shakova. Svar. proizv. no. 8:32-34 My '62.

Device for cutting the edges of pipe having 150-1200 mm. in diameter. I. I. Korol'kov. Svar. proizv. no. 9:33 S '62.

Floating cutter of an automatic gas cutting machine. A. F. Galochkin. Svar. proizv. no. 9:34 S '62.

Gas welding under pressure of continuous track rails. G. I. Novozhilov Transp. stroi. 12 no. 10 14-15 O '62

Roguskin, V. I., and M. A. TSentsiper. [Gas-cutting machine for finishing the butt ends of springs] Stanok dlia obrabotki tortsov pruzhin gazovoi rezkoi. Leningrad, 1962. 17 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia: Mekhanicheskaia obrabotka metallov, no. 21)

Using natural and liquefied gases in the flame machining of metals. A. K. Nisburg. Svar. proizv. no. 11:18-23 N '62.

GAS WELDING AND CUTTING—EQUIPMENT AND SUPPLIES

Economical combustible gas mixture. M. I. Lubarskii. Svar. proizv. no. 11:39 N '62.

New type of hose for semiautomatic gas-cutting machines. A. F. Galochkin. Svar. proizv. no. 11:39 N '62.

GAS WELDING AND CUTTING—HYGIENIC ASPECTS

Ventilation during oxygen and arc cutting of high-manganese steel, aluminum, and titanium alloys. O. N. Timofeeva, Svar. proizv. no. 12 40-42 D '62.

GAS WELL LOGGING

Sonic logging as a possible method of the study of fracturing in rocks. IU. I. Kuznetsov Trudy VNIGRI no. 193:169-177 '62

GAS WELL LOGGING, RADIATION see subdivision under Krasnodar Territory

GASES

Equilibrium of homogeneous gas mixture reactions at high pressure. IA. S. Kazarnovskii, D. B. Kazarnovskaia, I. P. Sidorov. Khim. prom. no. 10:747-750 O '62.

Formation of combustible gases in the reaction of aluminum with water and with solutions of ammonium nitrate K. K. Andreev, G. E. Kriger, V. G. Khotin. Zhur. prikl. khim. 35 no. 11 2569-2570 N '62.

Gasification of fine chips of various moisture content V. A. Liamin Gidroliz i lesokhim. prom. 15 no. 8 8-11 '62

New formula for determining certain physical characteristics of matter [with summary in English]. V. N. Osbcherin. Poroshk. met. 2 no. 6 3-11 N-D '62.

Prevention of the formation of explosive gas-vapor mixtures in technological processes A. I. Rozlovskii. Zhur. VKHO 7 no. 6 651-661 '62

Use of electric insulating gases in electrical engineering. A. M. Zaleeskii, A. I. Poltev. Vest. elektroprom. 33 no. 12 10-13 D '62.

GASES—ANALYSIS

Apparatus for determining the explosion hazard of gas-air media A. N. Baratov Zhur. VKHO 7 no. 6 672-677 '62

Compressor for the GST-L device. L. V. Mukhin. Geofiz. razved. no. 10:87-88 '62

Measuring the density of gas by the method of determining the transit length of lithium ions. IU. A. Bragin Trudy TSAO no. 42 116-118 '62.

Some preliminary results of developing the methodology for using an omegatron-type mass spectrometer in a quantitative determination of the composition of a gas mixture. A. F. Chizhov. Trudy TSAO no. 42 75-83 '62.

Using the time-of-arrival method to measure density. IU. A. Bragin. Trudy TSAO no. 42 101-108 '62.

GASES—PURIFICATION

Absorption of arsenous and selenous anhydrides in roast gas scrubbing by sulfuric acid. E. V. IAshke. Khim. prom. no. 10 740-742 O '62.

GASES—SEPARATION

Protection of air-separating units from explosions G. F. Dantsenko Zhur. VKHO 7 no. 6 641-650 '62

GASES, INTERSTELLAR

Location of certain regions of ionized hydrogen within the galactic longitudes $l = 43 - 67$. R. L. Sorochenko. Trudy Fiz. inst. 17 128-136 '62.

Spatial distribution of neutral hydrogen in the constellation Cygnus. R. L. Sorochenko, V. I. Arlakin. Trudy Fiz. inst. 17:115-127 '62.

GASES AT HIGH TEMPERATURES

Moscow. Energeticheskii institut. [Physical gas dynamics, heat transfer, and the thermodynamics of gases at high temperatures] Fizicheskaia gazodinamika, teploobmen i termodinamika gazov vysokikh temperatur. Moskva, Izd-vo Akad. nauk SSSR, 1962. 311 p.

GASES IN METALS

Effect of melting conditions on the gas-content of cast iron. L. I. Levi. Lit. proizv. no. 11 18-24 N '62.

GASES IN ROCKS see subdivision under Turukhansk District

GASES IN SOILS

Changes in the properties of turf-Podzolic soils as related to their oxygen and carbon dioxide content [with summary in English] I. P. Grechin, M. V. Kurlykova Izv. TSKHA no. 4:111-116 '62.

GASOLINE

(see also subdivision under Bashkiria)

Increasing the octane number of automobile gasolines. B. K. Amerik, L. A. Baiburskii. Neftianik 7 no. 5:15-16 My '62.

GASOLINE—SAFETY MEASURES

[Safety measures in the manufacture of ethylated gasoline] Tekhnika bezopasnosti pri rabote s etilirovannym benzinom. [Moskva, Izd-vo M-va sel'. khoz. RSFSR, 1961. 13 p. (Pamiatka rabotnika sel'skogo khoziaistva)

GASTRIC JUICE

Characteristics of organic acids in the cavity of the stomach. P. G. Kandiletis. Med. zhur. Uzb. no. 3. 43-45 Mr '62.

Study of gastric juice acidity without catheters by a modified desmoid test. IA. S. TSimmerman and others. Lab. delo 8 no. 5:21-24 My '62.

GASTROINTESTINAL HEMORRHAGE

Control of profuse hemorrhages from esophageal varices [with summary in English]. T. O. Koriakina. Vest. khir. 89 no. 9:40-44 S '62.

Gastroduodenal hemorrhages. N. S. Mazchenko. Klin. med. 40 no. 10:113-115 O '62.

Quantitative determination of the blood loss in gastrointestinal hemorrhages using radioactive chromium. A. Z. TSiasnian. Terap. arkh. no. 8:17-22 '62.

GAUGES—STANDARDS

Standardization of dimensions of thread gauges. A. N. Frolov. Standartizatsiia 26 no. 11:3-8 N '62.

GAUGES—TESTING

Effect of the instability of high-grade gauge blocks on errors in measurements of their length A. Z. Polkova Trudy inst. Kom. stand., mer i izm. prib. no. 47 80-85 '61

GAUHATI—PETROLEUM REFINERIES

The petroleum refinery in Gauhati is the result of the Indian-Rumanian cooperation. Neftianik 7 no. 5:28-30 My '62.

GAURDAK—SULFUR

Ways for improving the treatment of sulfur ores of the Gaurdak Deposits. N. F. Meshcherinkov. Khim. prom. no. 10 736-739 O '62.

GAVRILOV POSAD DISTRICT—HESSIAN FLIES

Damage caused by the Hessian fly. N. I. Zhilkina. Zashch. rast. ot vredit. bol. 7 no. 8 14 Ag '62

GAY REGION (ORENBURG PROVINCE)—METAMORPHISM (GEOLOGY)

Banded and schistose textures of ores in the Gay deposit of the Southern Urals G. N. Pshenichnyi, T. N. Shaldun. Geol. i rud. mestorozh. no. 6:74-93 N-D '62

GAYSIN DISTRICT—OAK

Characteristics of the growing conditions of oak planted in line. IU. V. Dubinin. Nauk. pratsi lisohosp. fak. UASHN 16 no. 3:63-82 '60.

GE, NIKOLAI NIKOLAEVICH, 1831-1894

Gorina, T. N., comp. [Nikolai Nikolaevich Ge; an album of reproductions] Nikolai Nikolaevich Ge; [al'bom reproduktsii]. Moskva, Izogiz, 1961. [16] p. plates. (Mastera russkogo iskusstva) (MII)

GEAR CUTTING

Investigating gear cutters having a nonlinear relationship between the displacement of the initial contour and the magnitude of the cut-off layer. IU. R. Vitenberg. Izv. vys. uchеb. zav., prib. 5 no. 6:123-129 '62.

Regelun, A. F. [Improving technological processes] Sovershenstvuem tekhnologiiu. [Kharkov] Khar'kovskoe knizhnoe izd-vo, 1962. 13 p. Udarniki kommunisticheskogo truda)

GEAR-CUTTING MACHINES—TESTING

Drozdova, L. V., and K. I. Libenson. [Methods for checking the kinematic precision of small gear-milling machines] Metody proverki kinematicheskoi tochnosti zubofrezernykh stankov malykh modelei. Leningrad, 1962. 22 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia: Mekhanicheskaia obrabotka i kontrol' kachestva produktsii, no. 24)

GEAR-SHAPING MACHINES

Modernization of the gear-shaping machine. I. M. Ivanova. Mashinostroitel' no. 11:11-12 N '62.

GEARING

Analytic determination of the minimum number of teeth in pinions I. L. Dusev Trudy NPI 126:59-71 '61

Analytic investigation of hypoid transmissions with a linear contact of connected surfaces. I. I. Dusev. Trudy NPI 126 73-94 '61.

Effect of various factors on the loading capacity of gear wheels made of DSP-G wood plastic and paired with steel wheels and the consideration of these factors in calculating the loading capacity. L. P. Devin Trudy NPI 126 3-13 '61.

Geometry of new-type gear wheels. I. P. Bernatskii. Trudy LPI no. 219:38-43 '62.

Life of KGShP forging press gear pairs. A. A. Ignatov. Kuz.-shtam. proizv. 4 no. 10:36-39 O '62.

Method for finding contact lines and ultimate points of teeth surfaces for three-dimensional gears. F. L. Litvin. Izv. AN SSSR. Otd. tekh. nauk. Mekh. i mashinostr. no. 6:139-141 N-D '62.

Reducing weight and dimensions of machinery by the use of planetary reducing gears. V. N. Cherkasov. Trudy NPI 126 15-27 '61.

Theoretical investigation of a plunger transmission. V. M. IAstrebov. Izv. vys. uchеb. zav., mashinostr. no. 8:27-36 '62.

Use of hydrodynamic gears in the drives of core drills. N. N. Sumnasov. Razved. i okh. nedr. 28 no. 11:31-33 N '62.

GEARING—TESTING

Determining cyclic errors of spur helical gears. B. IA. Verkhoturov, N. N. Markov. Izm. tekh. no. 12:5-8 D '62.

Stand testing of PM-350 reducing gears. V. N. Kosterev. Trudy LPI no. 219:130-139 '62.

GEARING, BEVEL

Investigating the effect of errors on the engagement of bevel gears having curvilinear teeth. Ge Kai. Trudy LPI no. 219:28-35 '62.

GEARING, SPUR—TESTING

Device for checking spur gears. I. N. Petrov. Mashinostroitel' no. 11:29 N '62.

GEOMETRY, DIFFERENTIAL

An analogue of surfaces of revolution in projective space. A. A. Luchinin Izv vys ucheb. zav.; mat. no 6:69-72 '62.

Geometry in the large. E G. Poznlak. Priroda 51 no.12:52-53 D '62.

On infinitesimal flexures in the sliding of spherical segments relative to an arbitrary plane N I Chernyi Ukr. mat. zhur 14 no 4 440-446 '62

GEOMETRY, PLANE

Nikitin, N.N. [Geometry, a textbook for the 6th grade] Geometriia, uchebnik dlia VI klassa. Izd 5. Moskva, Gos. uchebno-pedagog. izd-vo, 1960 111 p. (TNJ)

GEOMETRY, PLANE—PROBLEMS, EXERCISES, ETC.

Analytic solution of three geometry problems. Z.A. Skopets. Mat.v shkole no.5:94-95 S-O '62.

Determining the simplicity of some geometrical constructions. N M Chernetskii. Mat.v shkole no.5: 30-36 S-O '62.

GEOMETRY, PLANE—STUDY AND TEACHING

Studying the first sections of geometry in the seventh grade of the schools for working youth. A.S.Il'in. Mat.v shkole no.5:39-43 S-O '62.

Ways to increase the activity of students in the seventh grade geometry lessons. A.M.Kuz'min. Mat.v shkole no.5:26-29 S-O '62.

GEOMETRY, PROJECTIVE

On various parametrizations in the quantized space-time theory. V.G.Kadyshevskii. Dokl.AN SSSR 147 no.3 588-591 N '62.

GEOMETRY, SOLID—PROBLEMS, EXERCISES, ETC.

Function of practical work in three-dimensional problems. I.I.Gurova. Dokl APN 6 no 1.31-34 '62.

GEOMORPHOLOGY

(see also subdivision under Caspian Sea region, Ili Valley, Kazakhstan; Karabil Upland, Polar regions)

Features of using morphometry in tectonic zoning. V IA Gvin Geofiz razved no 10:113-125 '62.

GEOMORPHOLOGY—MAPS

Work results of the international conference in Poland on the problems of geomorphological mapping. M.Klimoshevsky. Izv.AN SSSR.Ser.geog. no.6:122-125 N-D '62.

GEORGIA—AGRICULTURE

Moscow. Vsesoiuznaia sel'skokhoziaistvennaia vystavka. [Advanced practices of the participants in the All-Union Agricultural Exhibition represented at the Pavilion of the Georgian S.S.R.] Peredovoi opyt uchastnikov Vsesoiuznoi sel'skokhoziaistvennoi vystavki, predstavlennykh v pavil'one Gruzinskoi SSR. Tbilisi, Izd-vo "Zaria Vostoka," 1958. 84 p. (DNAL)

GEORGIA—AROMATIC PLANTS

Aromatic crops as a source of upswing in the collective farm economics. V.I.Matvienko. Trudy Sukh.opyt. sta.efiromasl.kul't. no.3/4:175-179 '61.

Correct system of tilling and increasing the fertility of soils for growing aromatic plants under subtropical conditions [in Georgian with summary in Russian.] I.A.Tavberidze. Trudy Sukh.opyt.sta.efiromasl. kul't. no.3/4 135-154 '61.

Over-all mechanization of the processes of growing aromatic plants in Georgia [in Georgian with summary in Russian]. A.D.Kukava. Trudy Sukh.opyt.sta. efiromasl.kul't. no.3/4:124-134 '61.

Preparing raised convex beds for the culture of aromatic plants [in Georgian with summary in Russian]. D.E.Chikvanaia, A.V.Motserelitia. Trudy Sukh.opyt. sta.efiromasl.kul't. no.3/4:155-164 '61.

Results of research on growing tropical and subtropical aromatic plants [in Georgian with summary in Russian]. E.E.Chikvanaia. Trudy Sukh.opyt.sta.efiromasl.kul't. no.3/4 :3-14 '61.

GEORGIA—AROMATIC PLANTS—BIBLIOGRAPHY

List of published works by the staff members of the Sukhumi Experiment Station of Essential Oil Crops. Trudy Sukh.opyt.sta.efiromasl.kul't. no.3/4:165-180 '61.

GEORGIA—BASIL (BOTANY)

Development steges of eugenol basil [in Georgian with summary in Russian]. G.I.Bukiia. Trudy Sukh. opyt.sta.efiromasl.kul't. no.3/4:40-49 '61.

Dynamics of the growth of eugenol basil [in Georgian with summary in Russian]. G.I.Bukiia. Trudy Sukh. opyt.sta.efiromasl.kul't. no.3/4:32-39 '61.

GEORGIA—BASIL (BOTANY)—DISEASES AND PESTS

Measures for controlling the Fusarium infection of eugenol basil [in Georgian with summary in Russian]. O.M.Dzidzariia. Trudy Sukh.opyt.sta.efiromasl. kul't. no.3/4:50-70 '61.

GEORGIA—BASIL (BOTANY)—FERTILIZERS AND MANURES

Effect of mineral and organic-mineral supplementary fertilizers on the growth of eugenol basil seedlings in cold frames [in Georgian with summary in Russian]. G.I.Bukiia. Trudy Sukh.opyt.sta.efiromasl.kul't. no.3/4 50-58 '61.

GEORGIA—BLASTING

Akademiia nauk Gruzinskoi SSR, Tbilisi. Institut gornogo dela [Handbook on safe use of short-delay blasting in Georgian coal mines] Rukovodstvo po bezopasnomu primeneniiu korotkozamedlennogo vzryvaniia v ugol'nykh shakhtakh Gruzii Tbilisi, Izd-vo Akad. nauk Gruzinskoi SSR, 1962. 66 p.

GEORGIA—BOTANY, MEDICAL

Gelbakhiani, P.G. [Medicinal resources of Georgia] Lekarstvennye bogatstva Gruzii. Tbilisi, Izd-vo Akad. nauk Gruzinskoi SSR, 1961 77 p.

GEORGIA—CITRUS FRUITS—DISEASES AND PESTS

Phosphamide, tedion, and kelthane in the protection of citrus fruits. P.I. Mitrofanov, S.N. Terent'ev. Zashch. rast. ot vred. i bol 6 no. 8:29-30 Ag '61.

GEORGIA—COLLECTIVE FARMS

How the Communist Party of Georgia struggled for the collectivization of agriculture in 1927-1929 [in Georgian with summary in Russian]. Sh. Gegeshidze. Trudy Tbil.GU 87 5-21 '60.

GEORGIA—COMMERCE

Abuladze, V.I. [Domestic trade of the Georgian S.S.R., 1921-1932] Vnutrenniaia torgovlia Gruzinskoi SSR, 1921-1932 gg. Tbilisi, Izd-vo M-va torg. Gruzinskoi SSR.
Pt 1. 1962. 342 p.

GEORGIA—EVERGREENS

Odisharia, K.IU. [Characteristics of the growth and development of main evergreen angiospermous plants on the Black Sea coast of the Caucasus] Osobennosti rosta i razvitiia glavneishikh vechnozelenykh pokrytosemennykh rastenii Chernomorskogo poberezh'ia Kavkaza. Tbilisi, Izd-vo Akad. nauk Gruzinskoi SSR, 1961. 254 p.

GEORGIA—FRUIT CULTURE

Pavliashvili, D.S. [Fruit culture in eastern Georgia; based on ethnographic data. Plodovodstvo Vostochnoi Gruzii; po etnograficheskim dannym. Tbilisi] 1962. 182 p. [In Georgian with summary in Russian]

GEORGIA—FUSARIUM

Measures for controlling the Fusarium infection of eugenol basil [in Georgian with summary in Russian]. O.M.Dzidzariia. Trudy Sukh.opyt.sta.efiromasl. kul't. no.3/4:59-70 '61.

GEORGIA—GERANIUMS

Effect of the thickness of the sand layer on the rooting of rose pelargonium. U.V.Volkhovskaia. Trudy Sukh.opyt.sta.efiromasl.kul't. no.3/4:28-31 '61.

Rooting of rose pelargonium cuttings in sawdust [in Georgian with summary in Russian]. A.A.Pochukha. Trudy Sukh.opyt.sta.efiromasl.kul't. no.3/4:25-28 '61.

GEORGIA—GERANIUMS—FERTILIZERS AND MANURES

Some problems in the phosphorus nutrition of geranium and patchouli. T.L.Kuchulorlia. Trudy Sukh.opyt. sta.efiromasl.kul't. no.3/4:86-94 '61.

GEORGIA—HISTORY

Participation of young Georgians in the Russian revolutionary and liberation movement in the second half of the 19th century [in Georgian with summary in Russian] Z. Shvelidze. Trudy Tbil.GU 87:81-101 '60

Problem of relations between the Crusaders and Georgia [in Georgian with summary in Russian]. I. Beradze. Trudy Tbil.GU 87:283-301 '60.

GEORGIA—HISTORY—SOURCES

Sumbat Davitidze and his "Annals of Georgia" [in Georgian with summaries in Russian and English]. G Gelashvili. Trudy Tbil.GU 87:239-258 '60

GEORGIA—LIZARDS

New data on the distribution of Ophisops elegans Men. in Georgia [with summary in English]. T.A. Muskhelishvili. Zool.zhur. 41 no.10:1570-1580 O '62.

GEORGIA—MAL SECCO DISEASE OF CITRUS

Mal secco disease of citrus. A.E. Protsenko. Zashch. rast. ot vred. i bol 7 no 2:47-48 F '62.

GEORGIA—MINERAL WATERS

Tavadze, F.N., and S.N.Mandzhgaladze. [Corrosion and the protection of metals in mineral waters of Georgia] Korrozita i zashchita metallov v mineral'nykh vodakh Gruzii. Tbilisi, Izd-vo Akad. nauk Gruzinskoi SSR. Pt. 2. 1962. 270 p.

GEORGIA—MOTION PICTURES

Kopadze, G.M., comp. [Georgian motion pictures, 1921-1961] Gruzinskie kinofil'my, 1921-1961. Tbilisi, Sabchota Sakartvelo, 1961. 1 v. (chiefly illus.) (MH)

GEORGIA—ORE DEPOSITS

Conditions of formation and regularities in the location of endogenetic deposits in southeastern Georgia. V.R. Nadiradze, IU.I. Nazarov. Zakonom. razm. polezn. iskop. 5 267-282 '62.

GEORGIA—PATCHOULI

Effect of pinching back and supplementary fertilizers on the yield of young patchouli plants. U.V.Volkhovskaia. Trudy Sukh.opyt.sta.efiromasl.kul't. no.3/4 71-77 '61.

GEORGIA—PATCHOULI—FERTILIZERS AND MANURES

Effect of azotobacterin and phosphorobacterin on the yield of patchouli. L.N.Ladarlia. Trudy Sukh.opyt. sta.efiromasl.kul't. no.3/4:78-81 '61.

Some problems in the phosphorus nutrition of geranium and patchouli. T.L.Kuchulorlia. Trudy Sukh.opyt. sta.efiromasl.kul't. no.3/4:86-94 '61.

Testing various amounts of organic fertilizers for patchouli. L.N.Ladarlia. Trudy Sukh.opyt.sta. efiromasl.kul't. no.3/4:82-85 '61.

GEORGIA—PHOSPHORITES

Phosphorite-bearing volcanic rocks of western Georgia (Minvari series). M.N.Il'inskaia. Dokl.AN SSSR 147 no.3:700-702 N '62.

GEORGIA—PHYSICAL EDUCATION AND TRAINING

Activities of the Georgian Institute of Physical Education. Teor.i prak.fiz.kul't. 25 no 9,74-75 S '62.

GEORGIA—POLITICAL SCIENCE

Georgii T'Sereteli on some problems of world history and international relations [in Georgian with summary in Russian]. V. Donadze. Trudy Tbil.GU 87:117-150 '60.

GEORGIA—ROCKS, IGNEOUS

Phosphorite-bearing volcanic rocks of western Georgia (Minvari series). M.N.Il'inskaia. Dokl.AN SSSR 147 no.3:700-702 N '62.

GEORGIA—RUNOFF

Vladimirov, L.A. [Mean annual runoff of the rivers of Georgia] Sredniĭ godovoĭ stok rek Gruzii. Tbilisi, Akad. nauk Gruzinskoi SSR, 1962 121 p.

GEORGIA—THEATER

Poetry of joy. G.IUrasova. Teatr 23 no.11:63-72 N '62.

GEORGIA—TIRES, RUBBER—RETREADING AND RECAPPING

Patriotic deeds of Georgian tire-repair workers. G.Avlakhov. Avt.transp. 40 no.11:54-55 N '62.

GEORGIA—TULIP TREE

Productivity of the tulip tree in Georgia. A.I Mzhavlia. Les.khoz. 15 no 10:44-45 O '62.

GEORGIA—VETIVER

Effect of harvesting dates on the yield and oil quality of vetiver. A.A.Pravdolubova, M.V.Kotliarova, L.N. Ivanova. Trudy Sukh.opyt.sta.efiromasl.kul't. no.3/4: 95-105 '61.

Obtaining oil from the roots of vetiver. M.V.Kotliarova. Trudy Sukh.opyt.sta.efiromasl.kul't. no.3/4:100-123 '61.

GEORGIA—WINE AND WINE MAKING

Your health! Ia Moskhi. Ogonek 40 no.40:28-29 S '62.

GEORGIA—WOODWORK

Gasitashvili, G.S. [Popular methods of wood processing. Narodnye sposoby derevoobrabotki. Tbilisi,] 1962. 80 p. [In Georgian with summary in Russian]

GEORGIAN PERIODICALS

General educational ideas propagated by the periodical "Ganatleba" [in Georgian with summary in Russian] G. Melikidze. Trudy Tbil.GU 87:173-187 '60

GERANIUMS

(see also subdivision under Georgia)

Propagation of geranium by cuttings consisting of axillary shoots together with a small section of the main stem and by cuttings of the middle part of the stem. T.L.Kuchulorlia, O.I.Azarevich. Trudy Sukh. opyt.sta.efiromasl.kul't. no.3/4:15-24 '61.

GERANIUMS—FERTILIZERS AND MANURES see subdivision under Georgia

GERBILS see subdivision under Volga-Ural region

GEARING, WORM

Curves of heating and cooling for worm reducing gears. G.I.Kornilov. Nauch zap.IMA AN URSR.Ser.mashinoved. 9 123-125 '62.

GEESE see subdivision under Romny District

GEHLEN, REINHARD, 1902-

Chelnov, V.G. [Chancellor's favorite] Liubimets kantslera. Moskva, Gospolitizdat, 1962. 30 p.

GELATIN

Conference of the representatives of the glue and gelatine industry. D Virnik, L Vlasov. Mias ind SSSR 33 no 5 62-63 '62

Mass transfer and structure-forming processes in the polymer homologous series of polyacrylic acid and fractionated gelatin [with summary in English] V.A Kargin and others. Vysokom soed. 4 no 12 1881-1886 D '62

GEMS see subdivision under Panticapaeum

GENATROPIN see Atropine

GENERATIVE ORGANS, FEMALE

Parallel changes in the structure of adrenal glands, ovaries, and the uterus in cows. O.M.Lomishko. Visnyk sil'hosp.nauky 5 no.10 112-111 O '62.

GENERATIVE ORGANS, FEMALE—TUBERCULOSIS

Hysterosalpingography in the diagnosis of tuberculosis of the internal genitalia [with summary in French]. M.M Abramova, M S Ermina. Probl tub. no.7:59-63 '62.

GENERATORS, ELECTRIC see Electric generators

GENETICS

Some current problems in the genetics of micro-organisms. S.I.Alikhanian and others. Antibiotiki 7 no.9 841-852 S '62.

GENITOURINARY ORGANS—DISEASES

Determination of C-reactive protein in some diseases of the urogenital organs [with summary in English] G F Trebka. Urologiia no.5:3-6 '62

GENITOURINARY ORGANS—TUBERCULOSIS

Cycloserine therapy of urogenital tuberculosis. T.P. Mochalova and others. Probl.tub. no.7 67-71 '62.

GEOCHEMICAL PROSPECTING

Experience in biogeochemical studying of a section of a complex metal deposit in central Kazakhstan. G.I. Tiurina, V.I.Shchibrik. Mat.po geol.i pol.iskop. TSentr.Kazakh. no.2,44-48 '62.

GEOCHEMISTRY see subdivision under Daghestan, Kendyktas Ridge, Ukraine

GEOCHEMISTRY—MAPS

Methods for compiling geochemical maps in connection with the study of oil and gas potentials. P.S.Slavin. Sov.geol. 5 no.11:88-97 N '62.

GEODESY

Khrenov, L.S. [Lectures on geodesy; errors in measurements, local nets, leveling] Lektsii po geodezii; oshibki izmerenii, sети mestnogo znacheniia, nivelirovanie. Moskva, Geodezizdat, 1962. 111 p.

GEODIMETER—TESTING

Large EOD-1 geodimeter. V. M. Nazarov, V. S. Mikhailov, P.E Lazarev. Geod i kart no 4:8-16 Ap '62.

Testing an experimental model of the SDD geodimeter. Iu.B.Virovets, A.I.Demushkin. M.T.Prilepin. Geod.i kart. no.10:8-14 O '62.

GEO-ELECTRIC PROSPECTING see Electric prospecting

GEOGRAPHICAL NAMES see Names, Geographical

GEOGRAPHICAL SOCIETIES

(see also subdivision under Komi A.S.S.R.)

Step for the unification of specialists in local geography. I.S. IUn'ev. Geog. v shkole 25 no.6:80 N-D '62.

GEOGRAPHY

(see also subdivision under Poland, Siberia, Western)

Bookshelf. A.I.Padezhnov. Geog.v shkole 25 no.6: 93 N-D '62.

How G.V.Plekhanov described the role of geographical conditions. G.L.Episkoposov. Vop.filos. 16 no.12: 142-144 '62.

GEOGRAPHY—ABSTRACTS

[Geography] Ref. zhur.: Geog no.12 D '62. Avtorskii ukazatel' 1961 g. Predmetnyi i geograficheskii ukazateli, 1961 g.

GEOGRAPHY—AUDIO-VISUAL AIDS

"Diary of geographical observations in eight-year schools/ grade five" by M.A. Otkalenko. Reviewed by T.B. Teterskii. Geog.v shkole 25 no.6:85-86 N-D '62.

Manufacturing volumetric aids by means of a frame. N.S.Surovtsev. Geog.v shkole 25 no.6:55 N-D '62.

New instructional pictures on geography. V.A. Raidugina Geog v shkole 25 no.6:80-81 N-D '62.

GEOGRAPHY—BIBLIOGRAPHY see Bibliography—Geography

GEOGRAPHY—PERIODICALS

The Information Bulletin of the International Geographical Association. No.2, 1962. V.A Gugin. Izv AN SSSR.Ser.geog. no.6 125-126 N-D '62

GEOGRAPHY—STUDY AND TEACHING

"Atheistic education during geography classes in eight-year schools" by M.T. Otkalenko, M M Dubykivs'kyi Volov. ateist no 6 60 Je '62.

Editor's mail. R A. Movchan and others. Geog. v shkole 25 no.6:59-61 N-D '62.

Error in the books on the history of teaching methods in geography. N.S Surovtsev. Dokl APN 6 no.1 63-64 '62

"Local geography" by N.G. Nikolaev, E.V. Ishkova. Reviewed by F.P. Okhapkin, V.N Fiunin. Geog v shkole 25 no.6:83-85 N-D '62.

Practice of Lipetsk Province schools helped us to change to measuring the knowledge on every topic. IU.IU Batii. Geog.v shkole 25 no.6:50-53 N-D '62

Significance of a subject paper in organizing extracurricular work. L.S Malysheva. Geog.v shkole 25 no.6:56-58 N-D '62

GEOGRAPHY—TERMINOLOGY

Lordkipanidze, N.G. [Geographical definitions of the U.S.S.R.; for large libraries] Geograficheskoe opredelenie SSSR, dlia krupnykh bibliotek. Tbilisi, Izd. Gos. knizhnoi palaty Gruzinskoi SSR, 1960. 16 p. [MICROFILM]

GEOGRAPHY, ECONOMIC

(see also subdivision 'Economic geography' under Baltic States, Brest Province, Near East, Vitebsk Province)

Abroad. Geog.v shkole 25 no.6:73-78 N-D '62.

In the Soviet Union. Geog.v shkole 25 no.6:69-72 N-D '62.

Letter to the editors of the journal "Izvestiia AN SSSR, Seriia Geograficheskaia." M.P.Alampiev and others. Izv.AN SSSR.Ser.geog. no.6 146-147 N-D '62.

On the nature of the regularities of economic geography. V.V.Pokshishevskii. Izv.AN SSSR.Ser.geog. no.6: 101-113 N-D '62.

Short notes. Geog.v shkole 25 no.6:72-73, 78-79 N-D '62.

GEOGRAPHY, ECONOMIC—STUDY AND TEACHING

Course outline on the economic geography of the U.S.S.R. and foreign countries for grades 10-11 of secondary general technical schools with vocational instruction. Geog v shkole 25 no.6:21-31 N-D '62

Kargalova, S.F. [Practical exercises for the lessons in the economic geography of the U.S.S.R.] Prakticheskie raboty na urokakh ekonomicheskoi geografii SSSR. Moskva, Uchpedgiz, 1962. 110 p.

Observations on economic geography and practical work in an industrial plant. Leona Kazar. Geog v shkole 25 no.6:36-41 N-D '62.

"Passport" of a town. O.N.Mamtsov. Geog.v shkole 25 no.6:53-54 N-D '62.

GEOLOGICAL SOCIETIES

Activity of geological sections of the Moscow Naturalists' Society. Biul.MOIP.Otd.geol. 37 no.5:156-163 S-O '62.

GEOLOGICAL TIME

(see also subdivision under Karaganda Basin; Transbaikalia)

Decision of the Bureau of the Department of Geological and Geographical Sciences of the Academy of Sciences of the U.S.S.R. on the results of the 11th session of the Commission on the Determination of the Absolute Age of Geological Formations. D.I. Shcherbakov, V F Solov'ev. Izv.AN Kazakh.SSR.Ser.geol. no.5:113-114 '62.

Eleventh session of the Commission on the Determination of the Absolute Age of Geological Formations. V.K. Monich. Izv.AN Kazakh.SSR.Ser.geol no.5:103 '62.

Important objective method for determining the age of geological and ore formations. K.I.Satpaev. Izv. AN Kazakh.SSR.Ser.geol, no.5:3-8 '62.

Our laureates, Lenin Prize awarded in 1962 for research in radiogeology. G.D.Afanas'ev. Izv.AN SSSR. Ser. geol. 27 no.11:110-111 N '62.

Resolution adopted by the 11th session of the Commission on the Determination of the Absolute Age of Geological Formations attached to the Department of Geological and Geographical Sciences of the Academy of Sciences of the U.S.S.R. held in Alma-Ata, May 21-25, 1962. Izv.AN Kazakh.SSR.Ser.geol. no.5:109-112 '62.

Study of magnetic susceptibility in connection with the correlation of rocks based on their age and some other problems of geological interpretation. N.A.Tuezova. Trudy SNIIGGIMS no.10:63-69 '60.

GEOLOGY

(see also subdivision under Azerbaijan; Berezovo region, Tyumen' Province, Dnieper Valley; Kazakhstan, Maritime Territory, Tatar A.S.S.R., Ural Mountain region, Uzbekistan)

Cyclic recurrences in geological history. V.D. Nalivkin. Geog.shkol. no.15:188-197 '62.

Mezentsev, V.A. [Are there miracles in nature?] Chto le v prirodi chudesa. Kyiv, Vyd-vo "Molod'," 1958. 160 p. (NIC)

Nalivkin, D.V. [Geology of the U.S.S.R.] Geologiia SSSR. Moskva, Izd-vo Akad. nauk SSSR, 1962. 813 p.

GEOLOGY—ABSTRACTS

[Geology] Ref zhur Geol. no.12 D '62

GEOLOGY—BIBLIOGRAPHY see Bibliography—Geology

GEOLOGY—MAPS

Conference on charting metallogenetic and perspective maps of supergene nickel deposits. P.I. Andrushchenko. Geol.i razv.mestorozh. no.5:113-118 '62.

GEOLOGY, ECONOMIC

(see also subdivision under Kurama Range, Kyzyl Kum; Ural Mountain region)

"Geology of the industrial rocks and minerals" by R.L. Bates [in English]. Reviewed by P.F.Simakov. Razv.i okh.nedr. no.6:119-120 N-D '62.

Mikheev, G.F., and N.G.Feitel'man. [The use of radiometric methods in the extractive branches of industry] Ekonomika radiometricheskikh metodov v dobyvaiushchikh otraslakh promyshlennosti. Moskva, Gosatomizdat, 1962. 166 p.

GEOLOGY, STRATIGRAPHIC

(see also subdivision under Angren region, Ayrakhmat District, Bol'shezemel'skaya Tundra; Caspian Depression, Caucasus, Northern, Daghestan, Darvaza Range; Fergana; Gissar Range, Iuzhnaia District; Kama Valley, Kazakhstan; Pechora Basin, Pechora Valley, Russia, Southern, Russian Platform; Sangilen Ridge; Tajik Depression, Tatar A.S.S.R., Transcarpathia; Ukraine; Ulu Tau, Uzbekistan; White Russia, Yenisey Valley)

Nature of the last geologic age. K.K.Markov. Priroda 51 no.12:26-33 D '62.

Rhythmicity of geological development and the stratigraphic classification. V.A. Zubakov. Geol.i geof. no.11: 179-187 '62.

GEOLOGY, STRUCTURAL

(see also subdivision under Aldan Plateau, Altai Mountains; Caspian Sea region; Dnieper Valley, Dzhalal Valley; Dzhungou Range; Kola region, Kara Kum, Kara-Tau; Maritime Territory; Medvezhiya, Volgograd Province, Minusinsk Basin; Novosibirsk Province; Pamirs; Pechora Valley; Russian Platform, Siberia, Surkhandarya Province; Tien Shan, Ilgiz District; Timan Ridge; Ural Mountains, Uzbekistan, Volga Valley; West Siberian Plain)

Ekhanin, E.V., V.P.Zhdanova, and I.A. Mitskev. [Methods for the quantitative study of the tectonics of platform structures of the 3d order based on seismic prospecting data] Metod kolichestvennogo izucheniia tektogeneza platformennykh struktur 3-go poriadka po materialam seismorazvedki. Ufa, In-t Umantsov Novosibirsk, Sibirskii nauchno-issl. in-t geol. geofiziki i mineral'nogo syr'ia, 1962. 231 p.

Nature of ore-bearing brachyanticlinal uplifts in the Urals. S.N. Ivanov, V.A. Prokin, G.B. Udodov. Trudy Gor.-geol.inst. UFAN SSSR no.58:131-145 '62

GEOLOGY, STRUCTURAL—CONGRESSES

Discussion of important problems in tectonics. V.V. Garetskii, A.M.Leites. Vest.AN Kaz.SSR 18 no.12: 102-104 D '62.

Tectonics of the activated zones of the earth's crust. D.A.Lilienberg, E.A. Finko. Izv.AN SSSR.Ser.geol. no.6:132-134 N-D '62.

GEOLOGY, STRUCTURAL—MAPS

Methods for compiling stratigraphic maps of the Tadzh.SSR. Report No.1. M.M.Kukhtikov. Trudy Inst.geol. Tadzh.SSR 4:90-112 '61.

GEOMETRICAL OPTICS see Optics, Geometrical

GEOMETRY—CONGRESSES

First All-Union Conference on Geometry. Sov. Ukr. mat.zhur. 14 no.4:453-455 '62

First All-Union Conference on Geometry. V.A. Efimov. Mat.v shkole no.5:93 S-O '62.

GEOMETRY, DESCRIPTIVE

Dvorzhetskii, V.A. [Textbook on descriptive geometry] Uchebnoe posobie po nachertatel'noi geometrii. Leningrad, Leningr. elektrotekhn. in-t sviazi im. M.A. Bonch-Bruevicha, 1961. 43 p.

GEOMETRY, DIFFERENTIAL

An analogue of surfaces of revolution in projective space. A. A. Luchinin. Izv. vys. ucheb. zav., mat. no. 6:69-72 '62.

Geometry in the large. E. G. Poznyak. Priroda 51 no. 12 52-53 D '62.

On infinitesimal flexures in the sliding of spherical segments relative to an arbitrary plane. N. I. Chernyi Ukr. mat. zhur. 14 no. 4 440-446 '62

GEOMETRY, PLANE

Nikitin, N. N. [Geometry; a textbook for the 6th grade] Geometriia, uchebnik dlia VI klassa. Izd. 5. Moskva, Gos. uchebno-pedagog. izd-vo, 1960. 111 p. (TNJ)

GEOMETRY, PLANE—PROBLEMS, EXERCISES, ETC.

Analytic solution of three geometry problems. Z. A. Skopets. Mat. v shkole no. 5 94-95 S-O '62.

Determining the simplicity of some geometrical constructions. N. M. Chernetskii. Mat. v shkole no. 5 30-36 S-O '62.

GEOMETRY, PLANE—STUDY AND TEACHING

Studying the first sections of geometry in the seventh grade of the schools for working youth. A. S. Il'in. Mat. v shkole no. 5:39-43 S-O '62.

Ways to increase the activity of students in the seventh grade geometry lessons. A. M. Kuz'min. Mat. v shkole no. 5:26-29 S-O '62.

GEOMETRY, PROJECTIVE

On various parametrizations in the quantized space-time theory. V. G. Kadyshevskii. Dokl. AN SSSR 147 no. 3:588-591 N '62.

GEOMETRY, SOLID—PROBLEMS, EXERCISES, ETC.

Junction of practical work in three-dimensional problems. L. I. Gurova. Dokl. APN 6 no. 4:31-34 '62.

GEOMORPHOLOGY

(see also subdivision under Caspian Sea region; Ili Valley; Kazakhstan; Karabil Upland; Polar regions)

Features of using morphometry in tectonic zoning. V. IA. Givin. Geofiz. razved. no. 10:113-125 '62.

GEOMORPHOLOGY—MAPS

Work results of the international conference in Poland on the problems of geomorphological mapping. M. Klimashevsky. Izv. AN SSSR. Ser. geog. no. 6:122-125 N-D '62.

GEORGIA—AGRICULTURE

Moscow. Vsesoiuznaia sel'skokhoziaistvennaia vystavka. [Advanced practices of the participants in the All-Union Agricultural Exhibition represented at the Pavilion of the Georgian S. S. R.] Peredovoi opyt uchastnikov Vsesoiuznoi sel'skokhoziaistvennoi vystavki, predstavlennykh v pavil'one Gruzinskoi SSR. Tbilisi, Izd-vo "Zaria Vostoka," 1958. 84 p. (DNAL)

GEORGIA—AROMATIC PLANTS

Aromatic crops as a source of upswing in the collective farm economics. V. I. Matvienko. Trudy Sukh. opyt. sta. efiromasl. kul't. no. 3/4:175-179 '61.

Correct system of tilling and increasing the fertility of soils for growing aromatic plants under subtropical conditions [in Georgian with summary in Russian.] I. A. Tavberidze. Trudy Sukh. opyt. sta. efiromasl. kul't. no. 3/4:135-154 '61.

Overall mechanization of the processes of growing aromatic plants in Georgia [in Georgian with summary in Russian]. A. D. Kukava. Trudy Sukh. opyt. sta. efiromasl. kul't. no. 3/4:124-134 '61.

Preparing raised convex beds for the culture of aromatic plants [in Georgian with summary in Russian]. I. E. Chikvanaia, A. V. Motserelliia. Trudy Sukh. opyt. sta. efiromasl. kul't. no. 3/4:155-164 '61.

Results of research on growing tropical and subtropical aromatic plants [in Georgian with summary in Russian]. I. E. Chikvanaia. Trudy Sukh. opyt. sta. efiromasl. kul't. no. 3/4 13-14 '61.

GEORGIA—AROMATIC PLANTS—BIBLIOGRAPHY

List of published works by the staff members of the Sukhumi Experiment Station of Essential Oil Crops. Trudy Sukh. opyt. sta. efiromasl. kul't. no. 3/4:185-189 '61.

GEORGIA—BASIL (BOTANY)

Development stages of eugenol basil [in Georgian with summary in Russian]. G. I. Bukiia. Trudy Sukh. opyt. sta. efiromasl. kul't. no. 3/4:40-49 '61.

Dynamics of the growth of eugenol basil [in Georgian with summary in Russian]. G. I. Bukiia. Trudy Sukh. opyt. sta. efiromasl. kul't. no. 3/4:32-39 '61.

GEORGIA—BASIL (BOTANY)—DISEASES AND PESTS

Measures for controlling the Fusarium infection of eugenol basil [in Georgian with summary in Russian]. O. M. Dzidzarija. Trudy Sukh. opyt. sta. efiromasl. kul't. no. 3/4:59-70 '61.

GEORGIA—BASIL (BOTANY)—FERTILIZERS AND MANURES

Effect of mineral and organic-mineral supplementary fertilizers on the growth of eugenol basil seedlings in cold frames [in Georgian with summary in Russian]. G. I. Bukiia. Trudy Sukh. opyt. sta. efiromasl. kul't. no. 3/4:50-58 '61.

GEORGIA—BLASTING

Akademiia nauk Gruzinskoi SSR, Tiflis. Institut gornogo dela. [Handbook on safe use of short-delay blasting in Georgian coal mines] Rukovodstvo po bezopasnomu primeneniiu korotkozamedlennogo vzryvaniia v ugol'nykh shakhtakh Gruzii. Tbilisi, Izd-vo Akad. nauk Gruzinskoi SSR, 1962. 66 p.

GEORGIA—BOTANY, MEDICAL

Gelbakhiani, P. G. [Medicinal resources of Georgia] Lekarstvennye bogatstva Gruzii. Tbilisi, Izd-vo Akad. nauk Gruzinskoi SSR, 1961. 77 p.

GEORGIA—CITRUS FRUITS—DISEASES AND PESTS

Phosphamide, tedion, and kelthane in the protection of citrus fruits. P. I. Mitrofanov, S. N. Terent'ev. Zashch. rast. ot vred. i bol. 6 no. 8 29-30 Ag '61.

GEORGIA—COLLECTIVE FARMS

How the Communist Party of Georgia struggled for the collectivization of agriculture in 1927-1928 [in Georgian with summary in Russian]. Sh. Gegeshidze. Trudy Tbil. GU 87 5-21 '60.

GEORGIA—COMMERCE

Abuladze, V. I. [Domestic trade of the Georgian S. S. R., 1921-1932] Vnutrenniaia torgovlia Gruzinskoi SSR, 1921-1932 gg. Tbilisi, Izd-vo M-va torg. Gruzinskoi SSR.

Pt. 1. 1962. 342 p.

GEORGIA—EVERGREENS

Odishvaria, K. IU. [Characteristics of the growth and development of main evergreen angiosperm plants on the Black Sea coast of the Caucasus] Osobennosti rosta i razvitiia glavneishikh vechnozelenykh pokrytosemennykh rastenii Chernomorskogo poberezh'ia Kavkaza. Tbilisi, Izd-vo Akad. nauk Gruzinskoi SSR, 1961. 264 p.

GEORGIA—FRUIT CULTURE

Pavlishvili, D. S. [Fruit culture in eastern Georgia, based on ethnographic data. Plodovodstvo Vostochnoi Gruzii; po etnograficheskim dannym. Tbilisi] 1962. 182 p. [In Georgian with summary in Russian]

GEORGIA—FUSARIUM

Measures for controlling the Fusarium infection of eugenol basil [in Georgian with summary in Russian]. O. M. Dzidzarija. Trudy Sukh. opyt. sta. efiromasl. kul't. no. 3/4:59-70 '61.

GEORGIA—GERANIUMS

Effect of the thickness of the sand layer on the rooting of rose pelargonium. U. V. Volkhovskaia. Trudy Sukh. opyt. sta. efiromasl. kul't. no. 3/4:29-31 '61.

Rooting of rose pelargonium cuttings in sawdust [in Georgian with summary in Russian]. A. A. Pochukha. Trudy Sukh. opyt. sta. efiromasl. kul't. no. 3/4:25-28 '61.

GEORGIA—GERANIUMS—FERTILIZERS AND MANURES

Some problems in the phosphorus nutrition of geranium and patchouli. T. L. Kuchulorija. Trudy Sukh. opyt. sta. efiromasl. kul't. no. 3/4:86-94 '61.

GEORGIA—HISTORY

Participation of young Georgians in the Russian revolutionary and liberation movement in the second half of the 19th century [in Georgian with summary in Russian]. Z. Shvelidze. Trudy Tbil. GU 87:81-101 '60.

Problem of relations between the Crusaders and Georgia [in Georgian with summary in Russian]. I. Beridze. Trudy Tbil. GU 87:293-301 '60.

GEORGIA—HISTORY—SOURCES

Sumbat Davitidze and his "Annals of Georgia" [in Georgian with summaries in Russian and English]. G. Gelashvili. Trudy Tbil. GU 87:239-256 '60.

GEORGIA—LIZARDS

New data on the distribution of Ophisops elegans Meh. in Georgia [with summary in English]. T. A. Muskhelishvili. Zool. zhur. 41 no. 10:1578-1580 O '62.

GEORGIA—MAL SECCO DISEASE OF CITRUS

Mal secco disease of citrus. A. E. Protsenko. Zashch. rast. ot vred. i bol. 7 no. 2:47-48 F '62.

GEORGIA—MINERAL WATERS

Tavadze, F. N., and S. N. Mandzhgaladze. [Corrosion and the protection of metals in mineral waters of Georgia] Korroziia i zashchita metallov v mineral'nykh vodakh Gruzii. Tbilisi, Izd-vo Akad. nauk Gruzinskoi SSR.

Pt. 2. 1962. 270 p.

GEORGIA—MOTION PICTURES

Kopadze, G. M., comp. [Georgian motion pictures, 1921-1961] Gruzinskie kinofil'my, 1921-1961. Tbilisi, Sabchota Sakartvelo, 1961. 1 v. (chiefly illus.) (MH)

GEORGIA—ORE DEPOSITS

Conditions of formation and regularities in the location of endogenetic deposits in southeastern Georgia. V. R. Nadiradze, Iu. I. Nazarov. Zakonom. razm. polezn. iskop. 5:267-282 '62.

GEORGIA—PATCHOULI

Effect of pinching back and supplementary fertilizers on the yield of young patchouli plants. U. V. Volkhovskaia. Trudy Sukh. opyt. sta. efiromasl. kul't. no. 3/4:71-77 '61.

GEORGIA—PATCHOULI—FERTILIZERS AND MANURES

Effect of azotobacterin and phosphorobacterin on the yield of patchouli. L. N. Ladarija. Trudy Sukh. opyt. sta. efiromasl. kul't. no. 3/4 78-81 '61.

Some problems in the phosphorus nutrition of geranium and patchouli. T. L. Kuchulorija. Trudy Sukh. opyt. sta. efiromasl. kul't. no. 3/4:86-94 '61.

Testing various amounts of organic fertilizers for patchouli. L. N. Ladarija. Trudy Sukh. opyt. sta. efiromasl. kul't. no. 3/4:82-85 '61.

GEORGIA—PHOSPHORITES

Phosphorite-bearing volcanic rocks of western Georgia (Mtavari series). M. N. Il'inskaia. Dokl. AN SSSR 147 no. 3 700-702 N '62.

GEORGIA—PHYSICAL EDUCATION AND TRAINING

Activities of the Georgian Institute of Physical Education. Teor. i prak. fiz. kul't. 25 no. 9:74-75 S '62.

GEORGIA—POLITICAL SCIENCE

Georgii TSereteli on some problems of world history and international relations [in Georgian with summary in Russian]. V. Donadze. Trudy Tbil. GU 87:117-150 '60.

GEORGIA—ROCKS, IGNEOUS

Phosphorite-bearing volcanic rocks of western Georgia (Mtavari series). M. N. Il'inskaia. Dokl. AN SSSR 147 no. 3:700-702 N '62.

GEORGIA—RUNOFF

Vladimirov, L. A. [Mean annual runoff of the rivers of Georgia] Srednii godovoi stok rek Gruzii. Tbilisi, Akad. nauk Gruzinskoi SSR, 1962. 121 p.

GEORGIA—THEATER

Poetry of joy. G. Iliradova. Teatr 23 no. 11:63-72 N '62.

GEORGIA—TIRES, RUBBER—RETREADING AND RECAPPING

Patriotic deeds of Georgian tire-repair workers. G. Avlakhov. Avt. transp. 40 no. 11 54-55 N '62.

GEORGIA—TULIP TREE

Productivity of the tulip tree in Georgia. A. I. Mzhavia. Les. khoz. 15 no. 10 44-45 O '62.

GEORGIA—VETIVER

Effect of harvesting dates on the yield and oil quality of vetiver. A. A. Pravdoliubova, M. V. Kotliarova, L. N. Ivanova. Trudy Sukh. opyt. sta. efiromasl. kul't. no. 3/4:95-105 '61.

Obtaining oil from the roots of vetiver. M. V. Kotliarova. Trudy Sukh. opyt. sta. efiromasl. kul't. no. 3/4:106-123 '61.

GEORGIA—WINE AND WINE MAKING

Your health! Ilia Meskhi. Ogonek 40 no. 40:28-29 S '62.

GEORGIA—WOODWORK

Gasitashvili, G. S. [Popular methods of wood processing. Narodnye sposoby derevoobrabotki. Tbilisi,] 1962. 86 p. [In Georgian with summary in Russian]

GEORGIAN PERIODICALS

General educational ideas propagated by the periodical "Ganatleba" [in Georgian with summary in Russian]. G. Melikidze. Trudy Tbil. GU 87:173-187 '60.

GERANIUMS

(see also subdivision under Georgia)

Propagation of geranium by cuttings consisting of axillary shoots together with a small section of the main stem and by cuttings of the middle part of the stem. T. L. Kuchulorija, O. I. Azarovich. Trudy Sukh. opyt. sta. efiromasl. kul't. no. 3/4:15-24 '61.

GERANIUMS—FERTILIZERS AND MANURES see subdivision under Georgia

GERBILS see subdivision under Volga-Ural region

GERIATRICS

Chronic cor pulmonale syndrome in older and aged persons [with summary in English] O V Korkushko, P. S. Fedyshin, V. F. Radzivil Vrach. delo no 12:38-43 D '62

GERMAN DEMOCRATIC REPUBLIC see Germany, East

GERMAN FEDERAL REPUBLIC see Germany, West

GERMAN LANGUAGE—DICTIONARIES—RUSSIAN

Pereva, V. M., comp. [German-Russian dictionary of motion-picture and photographic technology] Nemetsko-russkii slovar' po kinofototekhnike. Pod obshchei red. V. G. Pelliia. Red. I. N. Aleksander, V. V. Rakovskii. Moskva, Glav. red. inostr. nauchno-tekhn. slovarei, Fizmatgiza, 1962. 583 p.

Stender, G. M., comp. [German-Russian dictionary on cement, concrete and reinforced concrete] Nemetsko-russkii slovar' po tsementu, betonu i zhelezobetonu. Moskva, Gosstroiizdat, 1962. 377 p.

GERMAN LANGUAGE—GRAMMAR

Karpov, K. B., and V. S. Monigetti. [Introductory course to the German language] Vvodnyi kurs nemetskogo iazyka. Moskva, Izd-vo lit-ry na inostr. iazykakh, 1962. 239 p.

GERMAN LANGUAGE—GRAMMAR COMPARATIVE—RUSSIAN

Sheatakova, N. V. [Manual for reading and translating German scientific and technical literature] Posobie po chteniiu i perevodu nemetskoi nauchno-tekhnicheskoi literatury. Moskva, Vysshaia shkola, 1961. 125 p. [MICROFILM]

GERMAN LANGUAGE—TECHNICAL GERMAN

Sheatakova, N. V. [Manual for reading and translating German scientific and technical literature] Posobie po chteniiu i perevodu nemetskoi nauchno-tekhnicheskoi literatury. Moskva, Vysshaia shkola, 1961. 125 p. [MICROFILM]

GERMAN LITERATURE—HISTORY AND CRITICISM

Neo-Fascism in the literature of West Germany. L. Chernaia. Vop. lit. 6 no. 11:122-137 N '62

GERMANIUM

Conditions of precipitation of germanium with magnesium and iron. A. A. Shovol, L. P. Andrusenko. Ukr. khim. zhur. 28 no. 9:1009-1013 '62

Determining germanium content in coal. I. N. Nikolaev. Standartizatsiia 26 no. 12:37-38 D '62.

Effect of the density of dislocations on the phenomenon of anomalous passage of X rays in germanium. O. N. Efimov, A. M. Flistratov. Fiz. tver. tela 4 no. 10:2908-2916 O '62.

Electron capture cross sections by negatively charged atoms of deep impurity centers in germanium. K. D. Glinchuk, E. G. Miseliuk. Fiz. tver. tela 4 no. 12:3671-3673 D '62.

Infrared absorption in heavily doped germanium. V. S. Bagaev, G. P. Proshko, A. P. Shotov. Fiz. tver. tela 4 no. 11:3228-3235 N '62.

Measuring the length of carrier diffusion in germanium and silicon by photoconductivity modulation. K. D. Glinchuk. Ukr. fiz. zhur. 7 no. 11:1255-1256 N '62.

Production of hafnium and germanium foil for nuclear research. O. P. Kliuchariev, A. D. Nikolaichuk, T. S. Nazarova. Ukr. fiz. zhur. 7 no. 9:1027 S '62

Quantum theory of cyclotron resonance in a degenerated valence band. G. A. Baramidze, G. E. Gurgenishvili, G. R. Khutsishvili. Fiz. tver. tela 4 no. 10:2958-2963 O '62.

Some aspects of the kinetics of impurity photoconductivity in germanium with a copper additive. R. A. Paramonova, A. F. Plotnikov. Fiz. tver. tela 4 no. 10:2835-2839 O '62.

Spin structure of hole levels in the degenerate band and cyclotron resonance saturation. G. R. Khutsishvili. Fiz. tver. tela 4 no. 10:2708-2713 O '62.

State of germanium and arsenic in solutions and their separation by *means of ion exchange*. R. M. Granitskaia, A. I. Gavril'chenko, A. A. Morozov. Ukr. khim. zhur. 28 no. 7:868-870 '62

Studying the recombination of charge carriers in n-germanium doped with multiply *charged impurities*, taking the impurity photoconductivity as a basis [with summary in English]. K. D. Glinchuk, O. H. Miseliuk. Ukr. fiz. zhur. 7 no. 9:992-1002 S '62.

Thermo-emf of heavily doped *n-germanium*. V. I. Fistul', K. V. Cherkas. Fiz. tver. tela 4 no. 11:3288-3292 N '62.

X-ray study of the breakdown of a saturated solid solution of Ni in Ge. A. M. Flistratov, P. R. Kamadzhiev. Fiz. tver. tela 4 no. 12:3492-3495 D '62.

GERMANIUM—ANALYSIS

Determination of germanium in tars and oils obtained in tar distillation [with summary in English] *G. S. Monev*, S. G. Karbanov, E. G. Rasheva. Zhur. anal. khim. 17 no. 8:945-948 N '62.

Photocolorimetric determination of germanium by means of α,β-dipyridyl. Sh. T. Talipov, R. Kh. Dzhianbaeva, V. S. Aniskina. Uzb. khim. zhur. 6 no. 5:25-28 '62.

GERMANIUM—ELECTRIC PROPERTIES

Effect of chemical treatment of germanium surface on its electric properties and stability. V. F. Synorov. Fiz. tver. tela 4 no. 11:3065-3074 N '62

"Inborn" dislocations and recombination in p-germanium. P. G. Eliseev, Kan Chan-khe [K'ang Ch'ang-ho], I. A. Nakhodnova. Fiz. tver. tela 4 no. 10:2880-2884 O '62.

Physicochemical nature of changes of the surface conductivity of germanium in aqueous solutions of low conductivity [with summary in English] S. M. Repinskii. Vest. LGU 17 no. 22:134-139 '62.

Soveshchanie po poverkhnostnym svoistvam poluprovodnikov, Moscow, 1961. [Surface characteristics of semiconductors] Poverkhnostnye svoistva poluprovodnikov. Moskva, Izd-vo Akad. nauk SSSR, 1962. 231 p.

GERMANIUM CHLORIDE

Melting diagram of the system $GaCl_2$ - $AlCl_3$. A. P. Palkin, N. V. Ostrikova. Zhur. neorg. khim. 7 no. 11:2635-2636 N '62

GERMANIUM CRYSTALS

Mobility of holes in germanium as dependent on concentration and temperature. O. A. Golikova, B. IA. Moizhes, A. G. Orlov. Fiz. tver. tela 4 no. 12:3482-3491 D '62.

GERMANIUM CRYSTALS—GROWTH

Experimental production of germanium crystals in thin films. G. A. Kurov, V. D. Vasil'ev, M. G. Kosaganova. Kristallografiia 7 no. 5:773-779 S-O '62.

GERMANIUM DIODES

Temperature of the p-n junction of large germanium rectifiers during the conducting half-cycle. Zh. I. Alferov, V. M. Tuchkevich, M. K. Trukan. Elektrichestvo no. 12:64-66 D '62.

GERMANIUM OXIDE

On the article by P. N. Kovalenko and L. B. Reznik "Determination of pH of the beginning of dissolution and the activity product of germanium (IV) hydroxide." First letter. A. K. Babko. Izv. vys. uch. zav., khim. i khim. tekh. 5 no. 4:679 '62.

Reaction of germanium dioxide with iron. V. I. Pavydov and others. Zhur. prikl. khim. 35 no. 11:2543-2546 N '62

Reply to the letters by A. K. Babko and V. A. Leitsin on the article by P. N. Kovalenko and L. B. Reznik "Determination of pH of the beginning of dissolution and of the activity product of germanium (IV) hydroxide." P. N. Kovalenko, L. B. Reznik. Izv. vys. uch. zav., khim. i khim. tekh. 5 no. 4:681-684 '62.

Second letter. Solubility of germanium dioxide. V. A. Leitsin. Izv. vys. uch. zav., khim. i khim. tekh. 5 no. 4:679-681 '62.

X-ray diffraction study of alloys in the system BaO - GeO. E. S. Zhmud' and others. Zhur. neorg. khim. 7 no. 11:2581-2590 N '62.

GERMANY—ECONOMIC CONDITIONS

"Sociology of imperialist Germany" [in German] by J. Kuczynski. Reviewed by S. I. Tiul'panov. Vest. LGU 17 no. 23:136-139 '62.

GERMANY—FOREIGN RELATIONS—GREAT BRITAIN

Encounters with fascist dictators (to be continued). A. Eden. Mezhdunar. zhizn' 10 no. 1:120-128 Ja '63.

GERMANY—FOREIGN RELATIONS—UNITED STATES

What Americans ought not to forget. L. Bezymenskii. Nov. vrem. 20 no. 50:16-21 D '62.

GERMANY—HISTORY

A captive of incorrect historical methods. F. I. Pankevich. Vop. ist. no. 11:195-196 N '62.

GERMANY—WORLD WAR, *1939-1945*

Effect of the Battle of Moscow on the military, political and economic situation of fascist Germany. IA. V. Fridman. Trudy Irk. un. 29:87-118 '61.

New data on Hitler's plan to occupy Switzerland during the Second World War. V. M. Gliensen. Vop. ist. no. 11:198-199 N '62.

What Americans ought not to forget. L. Bezymenskii. Nov. vrem. 20 no. 50:16-21 D '62.

GERMANY, EAST—AGRICULTURE—STUDY AND TEACHING

Student work brigades in the schools of the *German Democratic Republic*. A. A. Kandaurov. Biol. v shkole no. 4:72-73 Jl-Ag '63.

GERMANY, EAST—BIOLOGY—STUDY AND TEACHING

Biology textbooks for grades 5-7 in the schools of the German Democratic Republic. E. R. Polonskaia. Biol. v shkole no. 4:70-72 Jl-Ag '63.

GERMANY, EAST—EDUCATION, COOPERATIVE

Student work brigades in the schools of the German *Democratic Republic*. A. A. Kandaurov. Biol. v shkole no. 4:72-73 Jl-Ag '63.

GERMANY, EAST—FISHERIES—RESEARCH

Operation "Carp." Vokrug sveta no. 10:41 O '62.

GERMANY, EAST—ISOTOPES—RESEARCH

Biological work of the Institute of the Physical [illegible] of the Separation of Substances of the German [illegible] of Sciences in Berlin. B. B. Vartapetian, [illegible] biziol. inst. 9 no. 6:747-748 '62

GERMANY, EAST—MOTION-PICTURE PLANTS

In regard to a "personal matter". [illegible] Iskusstvo no. 11:53-59 N '62.

GERMANY, EAST—PRECAST CONCRETE CONSTRUCTION

Assembly of large-panel apartment houses [illegible] talnera. R. A. Volchanskii, V. Ilberlichen. [illegible] stroi. 10 no. 10:28-30 O '62

GERMANY, EAST—PRESTRESSED CONCRETE

Prestressed concrete elements with [illegible] reinforcement on the concrete. N. M. Bogdan. [illegible] stroi. 12 no. 10:56-59 O '62

GERMANY, EAST—PRODUCTIVITY ACCOUNTING

Measuring and planning labor productivity using [illegible] of time" method. F. Berezin. Ekon. gazeta [illegible] i tsvet. plasta. 5 no. 11:25-27 '62.

GERMANY, EAST—WOMEN

The women of the German Democratic Republic [illegible] prospectus, peaceful Germany respected [illegible] Erna Denth. Zhen. mira no. 8:22, 27 '62.

GERMANY, WEST—AUTOMOBILE INDUSTRY

"Volkswagen." M. Klement'ev. Mir. shkol. [illegible] oto. no. 12:68-69 D '62.

GERMANY, WEST—BIG BUSINESS

What is concealed behind the changes in the [illegible] program and rules. Rolf Schmidt. Vopr. [illegible] no. 11:17-21 N '62.

GERMANY, WEST—COMMERCE—UNDERDEVELOPED AREAS

Kachalin, V. M. [Theory and practice of West-German colonialists] Teoriia i praktika zapadnogermanskikh kolonialistov. Moskva, Izd-vo IMO, 1962. 230 p.

GERMANY, WEST—CONVEYING MACHINERY

New conveying machinery systems in the mines of the German Federal Republic. E. P. Karakolov, V. [illegible] *Matematika. Uchall. Zhk.* 6 no. 11:12 '62.

GERMANY, WEST—EDUCATION OF CHILDREN

Tomorrow you will be a man. Elke Lucke. Zhen. mira no. 8:15 '62.

GERMANY, WEST—ESPIONAGE, UKRAINIAN

Vorhun, Osyp. [Osyp Vorhun tells his story] Osyp Vorhun rozpovidaie. Kyiv, Vyd. T-va kul'turnogo zv'iazku z ukraintsiamy za kordonom, 1962. 174 p.

GERMANY, WEST—ECONOMIC CONDITIONS [illegible] DEVELOPED AREAS

The colonial empire of West Germany; the characteristic special features and methods of West German "neo-colonialism" [in German] by Paul Schollhammer, Hartmut Schilling. Reviewed by Fl. Fol'[illegible]. Az. i Afr. sovr. no. 11:59 N '63.

GERMANY, WEST—EXISTENTIALISM

Existentialism and the rebirth of fascist ideas in [illegible] Germany. Manfred Buhr. Vop. filos. 16 no. 11:110 '62.

GERMANY, WEST—FOREIGN ECONOMIC RELATIONS—TOGO

Under camouflage. I. Sivisev. Az. i Afr. segi. [illegible] 14-15 N '62.

GERMANY, WEST—FOREIGN RELATIONS

Bonn opposes disarmament. G. Ponomarev. Mezhdunar. zhizn' 10 no. 1:67-72 Ja '63.

GERMANY, WEST—FOREIGN RELATIONS—FRANCE

Bonn accent of General de Gaulle. G. Gerkov. [illegible] Ogonek 40 no. 40:4-5 S '62.

GERMANY, WEST—LEGISLATIVE BODIES

"Bundestag." Mezhdunar. zhizn' 10 no. 1:171-174 Ja '63.

GERMANY, WEST—MILITARISM

East German burgomasters offer their cooperation [illegible] deput. trud. no. 12:103 D '62.

GERMANY, WEST—POLITICS AND GOVERNMENT

Born without Strauss. A. Grigor'iants. Nov. vrem. 38 no. 52:14-16 D '62.

The dismissal of Strauss. Nov. vrem. 20 no. 50:2 D '62.

Servants of the "black eagle." V. Shragin. Sov. [illegible] trud. no. 12:104-107 D '62.

GERMANY, WEST -RELATIONS (GENERAL) WITH AFRICA
A week of hypocrisy. A.Timoshin. Az.i Afr.segv. no.12:57 D '63.

GERMANY, WEST - RELATIONS (MILITARY) WITH FRANCE
Military - economic cooperation between France and Western Germany. Vl.Dubrovin. Mezhdunar. otn' 10 no.1:101-113 Ja '61.

GERMANY, WEST- TRADE UNIONS
In the service of monopolies. G.Ilin'ev. Sov.profdvizhenie 18 no.2:38 N '63.
West is concealed behind the changes in the trade-union program and rules. Rudi Schmidt. Vneus.prof.dvizh. no.11:17-21 N '61.

GERMANY, WEST WAR CRIME TRIALS
Killers. Lev Ginzburg. Nov.vrem. 20 no.52:36-37 D '63

GERMICIDAL LAMPS
Use of bactericidal lamps in rooms devoid of natural light. O.A.Pankov. Vrach.delo no.12:149-151 D '62.

GERMICIDES see Fungicides

GERMINATION
Methods of germination and the frost resistance of tobacco seeds. A.S.Alekseyuk. Shor.nauch. trud.rab.VNIIM no.15:71-74 '61.
Temperature conditions in the preparation of cucumber seeds for germination. I.P.Zaborovskii, N.N. Varenova. Izv.vyss.ucheb.zav., Sev.-Kav. no.3:160-170 '61.

GERMS see Bacteria

GERTSEN, ALEKSANDR IVANOVICH, 1812-1870
A.I.Gertsen and the problems of medical science on the 150th anniversary of his birth. P.I.Zabludovskii. Klin.med. 40 no.10:136-141 O '62.

GHANA AGRICULTURE, COOPERATIVE
Transformation of the African village. N.Gavrilov. Az.i Afr.segv. no.1:13-19 D '63.

GHANA ECONOMIC ASSISTANCE, RUSSIAN
Encounter with a friend. T.Kolesnichenko. Az.i Afr. segv. no.11:13-14 N '63.

GHANA -RELATIONS (GENERAL) WITH RUSSIA
Ghana. Ministry of Information and Broadcasting. [Soviet-Ghana cooperation] Sovetsko-ganskoe sotrudnichestvo. [Moskva, Izd-vo inostr. lit-ry, 1961] 30 p.

GHANA RIVERS
River systems in the Republic of Ghana. F.Nosterenk. Rech.transp. 21 no.12:52-54 D '62.

GIARDIASIS
Characteristics of the course of peptic ulcer complicated by lambliasis of the biliary tract. V.K.Dinich. Terap.arkh. no.8:38-40 '63.

GIBBERELLIN
Effect of gibberellin on the growth and development of tobacco. I.A.Zvegintsev. Shor.nauch. trud.rab.VNIIM no.15:65-70 '61.
Effect of gibberellin on the intensity of some physiological processes in oak seedlings under conditions of water saturation [with summary in English]. L.IA. Silkin. Izv.vyss.ucheb.zav.; lesn.zhur. 6 no.4:115-117 '63

GIBRALTAR, FORTR. see subdivision under Kazakhstan

GINSENG
Obtained from ginseng roots (Panax ginseng C.A.Mey). G.M.Nikov and others. Izv.AN SSSR, Otd.khim.nauk no.11:2054-2056 N '63.

GIRDERS see Beams and girders

GISSAR RANGE - APLITE
Formation of aplites, pegmatites, and quartz veins in the southern slope of the Gissar Range. D.Kh.Akhmedov. Trudy Inst.geol.AN Tadzh.SSR 4:163-174 '61.

GISSAR RANGE FLYSCH
Flysch carboniferous formation in the southern slope of the Gissar Range. E.N.Gorstakaia. Trudy Inst.geol. AN Tadzh.SSR 4:85-98 '61.

GISSAR RANGE -PEGMATITES
Formation of aplites, pegmatites, and quartz veins in the southern slope of the Gissar Range. D.Kh.Akhmedov. Trudy Inst.geol.AN Tadzh.SSR 4:163-174 '61.

GISSAR RANGE--QUARTZ
Formation of aplites, pegmatites, and quartz veins in the southern slope of the Gissar Range. D.Kh.Akhmedov. Trudy Inst.geol.AN Tadzh.SSR 4:163-174 '61.

GISSAR RANGE REGION--GEOLOGY, STRATIGRAPHIC
Some problems of the stratigraphy and principal types of facies of Lower Mesozoic sediments in the region of the Tashkutan coal deposit. B.V.Pollanskii. Trudy Inst.geol.AN Tadzh.SSR 4:29-45 '61.

GLACIERS--CONGRESSES
Fluctuations in the dynamics of glaciers. V.M.Kotlyakov. Vest.AN SSSR 32 no.12:104-105 D '62.
Symposium on fluctuations in the regime of existing glaciers. V.M.Kotlyakov. Izv.AN SSSR,Ser.geog. no.6:139-141 N-D '62.

GLACIOLOGY
Akademiia nauk [Publications of the Pamir Complex Expedition] Pamirskaia kompleksnaia ekspeditsiia. [Studies of glaciers, hydrology, and geology of the Pamirs] Issledovaniia lednikov i lednikovogo rel'efa, gidrologii i geologii Pamira. [Moskva] Izd-vo Akademii nauk SSSR. [Publications with summaries in English]
No.2. 1962. 233 p.

GLASS
Effect of an alkaline oxide on the n-type conductivity of Fe-containing glasses. B.K.Ivanitskiy, V.A.Tikhomirskii. Fiz.tver.tela 4 no.12:3300-3305 D '62
Effect of gamma rays on glasses of the system $Na_2O-Al_2O_3-SiO_2$. V.V.Varaghi, S.A.Stepanov. Dokl.AN SSSR 147 no.2:609-611 N '62.
Electron microscope investigation of fluoride and phosphate opaline glasses. N.M.Vainfeld, I.M.Rabinovich. Zhur.prikl.khim. 35 no.11:2493-2498 N '62.
Electron paramagnetic resonance of Zr^{3+} in glasses. N.S.Garifianov, N.R.IAfaev. Zhur.eksp.i teor.fiz. 44 no.5:1978-1979 N '62.
Changes of the system $Na_2O-ZnO-Al_2O_3-SiO_2$ on addition of cuprous to aluminum. V.V.Vargin, I.S. Tsekhomskaia. Zhur.prikl.khim. 35 no.11:2484-2488 N '62.
Significance of the polarizing properties of ions for developing the compositions of low-melting types of glass. I.I.Kitaigorodskii, V.G.Kuznechenko, I.A. Grechanik. Stek.i ker. 19 no.11:10-13 N '62
Ways for developing a quantitative theory of vitrification. I.V.Kuvshinskii, A.V.Stolovich. Fiz.tver.tela 4 no.12:3401-3405 D '62.

GLASS -CONGRESSES
Sixth International Congress on Glass. A.A.Apsen. Vest.AN SSSR 31 no.12:82-85 D '62.
Sixth International Congress on Glass. O.K.Botvinkin. Stek.i ker. 19 no.11:15-17 N '62.

GLASS DEFECTS
Optical crystallographic method of determining defects in glass. M.V.Okhotin, A.V.Rybakinskaia. Stek.i ker. 19 no.11:7-10 N '62.

GLASS DIFFUSION see subdivision under Pantiapaeum

GLASS -TESTING
New method of measuring the viscosity of glass between 10^8 and 10^{14} poises. V.T.Shavinskii, I.N.Kravtsova, V.M.Borelko. Stek.i ker. 19 no.11:18-22 N '62.
Studying the effect of ionizing radiation on glasses of the system $Na_2O-B_2O_3-SiO_2$ by the method of electron paramagnetic resonance. G.O.Karapetian, D.M. Yudin, I.A.Tver.tela 4 no.10:2647-2655 O '62.

GLASS, COLORED
Industrial founding of glass colored with rare-earth elements in the form of concentrates and ores. N.A. Yudin, N.P.Nikonov. Stek.i ker. 19 no.11:34-36 N '62.

GLASS FACTORIES
Unit for enriching generator gas with liquid fuel. V.I. Ivanov. Stek.i ker. 19 no.11:35-36 N '62.

GLASS FIBERS
"Fiberglass building materials" by T.M.Barbarina, M.P.Bukhov, N.A.Shchelushkov. Reviewed by IA.A. Nikolaikov, L.P.Kochanov. Stek.i ker. 19 no.11:10 N '62.
Ultrafine glass fiber. L.P.Kochanov. Ul'trada 41 no.12:94-95 D '62.

GLASS MANUFACTURE
Improve the analysis of the work of enterprises. I.I. Ben'. Stek.i ker. 19 no.11:40-42 N '62.
Rapid glass founding. D.D.Gurbanov, M.A.Matveev, I.I.Kukeln. Stek.i ker. 19 no.11:4-7 N '62.
Under the banner of the Great October Revolutional Stek.i ker. 19 no.11:1-3 N '62.

GLASS-METAL SEALING
The composition of glass for kinescope screens. D.L. Glik, O.V.Medvedi', Z.A.Gladov. Stek.i ker. 19 no.11:16-17 N '62.

GLASS REINFORCED PLASTICS
Glass reinforced plastics for construction. N.F.Kozlov, G.B.Shalun. Stroi.mat. 8 no.11:32-33 N '62.
Sail-shaped dam. D.Gaziev. Izobr.i rats. no.12: 12 D '62.
Strengthening sheets of asbestos cement with polyester glass reinforced plastics. V.V.Paturoev. Stroi.mat. 8 no.11:10-10 N '62.
Testing of a plastic deck house on the motorship "Raketa." A.P.Kalmykhkov, B.F.Prokhorov. Sudostroenie 28 no.11:56-63 N '62.

GLASS REINFORCED PLASTICS
Increase of the resistance of epoxyphenol glass plastics to sliding surface discharges. A.V.Kovalskaia, IU.V.Goncharenko. Vest.elektroprom. 33 no.12: 20-21 D '62

GLASS RESEARCH
Changes in the structure of quartz glass during thermal diffusion of gold, platinum, and palladium. I.E.Dalygin, I.I.Gindin, Zhur.prikl.khim. 35 no.11:2568-2571 N '62.
From the pages of foreign magazines. Stek.i ker. 19 no.11:44-45 N '62.
We answer readers' questions. Stek.i ker. 19 no.11: 11 N '62.

GLASS RESEARCH--EQUIPMENT AND SUPPLIES
Automatic device for determining the degree of homogeneity of glass. V.I.Shchelushkii, A.G.Gefen. Stek. i ker. 19 no.11:13-15 N '62.

GLASSWARE, ANCIENT see subdivision under Pantikapaeum

GLAUCOMA
Effect of octatensin on the intraocular pressure in glaucoma patients [with summary in English]. N.A.Pletneva, S.M.Sukhareva. Vest.oft. no.5:20-23 '63.
Microgeoniscopy as a method for the analysis of unsuccessful operations in glaucoma. N.N.Shatilina. Vest. oft. no.6:30-40 '62
Secondary glaucoma as a sequel of pupillary block. M.M. Ivanova, V.V.Shmeleva. Vest.oft. no.5:31-33 '62
Study of dark adaptation in glaucoma using a chamber with light filters. M.S.Tsunov. Vest.oft. no.6:34-36 '62.

GLAUCONITE see subdivision under West Siberian Plain

GLAZES
White opacified glazes containing zirconium for porcelain insulators. I.A.Ankova. Stek.i ker. 19 no.11: 32-35 N '62.

GLIADIN
Structural changes of gliadin in wheat irradiated with gamma rays [with summary in English]. M.B.Reznichenko, I.I.Polstinova. Trudy VNIIZ no.30 123-127 '60

GLODINO DISTRICT--PLANTS, PROTECTION OF
From the practices of an observation station. G.IA. Ponomarenko. Zashch.rast. ot vred.i bol. 7 no.8: 18-19 Ag '62.

GLONOI, HANS JOSEPH MARIA
In regard to a "personal matter"... Ilor Medvedev. Ink.kina no.11:57-58 N '62.

GLUBOKOYE, LAKE (MOSCOW PROVINCE)--WATER--COMPOSITION
Hydrochemical characteristics of Lake Glubokoye. A.P.Shcherbakov. Trudy Glavgeofiz.ob-va 12:5-41 '61.

GLUCOSE
Absorption of glucose and pyruvate by the brain in its various functional states [with summary in English]. I.I. Mikelsen, Vop.biokhim. 3:61-72 '61.
Differences in the use of glucose by nonsporeforming yeasts (Candida colonia, C. pulcherrima, and C. albicans) with dissimilar morphology of resting cells [with summary in English]. V.I.Kudriavtsev, M.V.Lisitsyna. Mikrobiologiia 31 no.4:659-667 My-Je '62.
Effect of γ-aminobutyric acid on glucose absorption by the brain [in Armenian with summaries in Russian and English]. V.B.Eginian, Vop.biokhim. 3:29-37 '61.
Effect of γ-aminobutyric acid on glucose absorption by various tissues [in Armenian with summaries in Russian and English]. S.G.Movsesian Vop.biokhim. 2:67-107 '61.
Effect of unilateral extirpation of the superior cervical sympathetic ganglion on the absorption of glucose and pyruvate by the brain [with summary in English]. G.Kh. Hunlatian, I.I. Mikelsen, Vop.biokhim. 2:53-60 '61.
Histochemical analysis of the mechanism of the effect of γ-aminobutyric acid and insulin on the transport of glucose in tissues [with summary in English]. A.A. Galoian, B.F. Manasian, R.M. Oraploniian. Vop.biokhim. 2:109-114 '61.
Titrimetric determination of glucose [with summary in English]. K.R Manolov. Zhur.anal.khim. 17 no.7:898-899 O '62.

GLUCOSE-PHOSPHATE DEHYDROGENASE
Changes in the activity of glucose-6-phosphate dehydrogenase and 6-phosphogluconic dehydrogenase in the brain in its various functional states [with summary in English]. G.S. Khachatrian, Vop.biokhim. 3:73-80 '61.

GLUCORONIC ACID
Constants of the dissociation of glucuronic acid and cellulose oxidized by nitrogen dioxide. IU.G.Zverev. Trudy LTA no.31:71-82 '60.

GLUE
Conference of the representatives of the glue and gelatine industry. D.Virnik, I.Vlasov. Miner.ind.SSSR 31 no.5:62-63 '62

Rapid glazing of wood. V. Anikushin and others. Na stroi fr. 3 no. 4 29-31 '62.

GLUKHOVTSY—MEDICAL DELUSIONS

The "healers" in Glukhovtsy. Boris Anchuk. Volga (Kuibyshev) no. 12 44 D '62

GLUTACONALDEHYDE

Catalytic hydrogenation of diamils of glutaconaldehyde and their salts (pyridine dyes). N. F. Grigor'eva, L. I. Shcherbinova, I. K. Gintse. Ukr. khim. zhur. 28 no. 6 848-851 '62.

GLUTAMIC ACID

The life of the flavor. V. Volgin. Pishch. tekh. 7 no. 11 40-41 N '62.

GLUTEN

Effect of gamma rays on the gluten and baking quality of wheat flour [with summary in English]. A. B. Bakar, E. S. Tolmachevskaia. Trudy VNIIZ no. 38 67-95 '60.

Effect of some reducing agents on the gluten and baking qualities of flour from overheated grain [with summary in English]. I. Sh. Shkliovskii. Trudy VNIIZ no. 38 183-192 '60.

Effect of some reducing agents on the gluten of flour protected with ethanol, oleic acid, formalin, and copper sulfate [with summary in English]. I. Sh. Shkliovskii. Trudy VNIIZ no. 38 183-192 '60.

Micromethod for determining gluten in wheat grain [with summary in English]. N. P. Kuz'mina, V. N. Il'ina, A. I. Naumova. Trudy VNIIZ no. 38 129-141 '60.

GLYCEROL

Russia (1923- U. S. S. R.) Gosudarstvennyi komitet po koordinatsii nauchno-issledovatel'skikh rabot. [Continuous distillation of glycerol] Neprerynaia distilliatsiia glitserina. Moskva, TSINTIpishcheprom, 1962. 30 p. (Tekhnicheskaia informatsiia)

Systems with liquid crystals. Part 2: Systems cholesterol - cetyl alcohol and cholesterol - glycerol. I. G. Chistiakov, V. A. Usol'tseva. Izv. vys. uch. zav., khim. i khim. tekh. 5 no. 4 589-593 '62.

GLYCINE

Application of selective etching in studying the twin and dislocation structures of triglycine sulfate. V. P. Konstantinova. Kristallografiia 7 no. 5 748-751 S-O '62.

Interconversions of tetra-, tri-, and diglycine complexes of bivalent platinum. L. M. Volshtein, G. G. Motiagina. Zhur. neorg. khim. 7 no. 11 2495-2500 N '62.

GLYCINE—THERMAL PROPERTIES

Effect of hydrostatic pressure on the phase transition temperature in triglycine sulfate. G. G. Leonidova, I. N. Polandov, I. P. Golentovskaia. Fiz. tver. tela 4 no. 11 3337-3340 N '62.

GLYCOLAMIDE

Amides of O-(1,4-benzodioxydianil)-substituted glycolic acid. V. K. Daukšas, B. A. Puodžiunaitė. Zhur. VKHO 7 no. 6 703-704 '62.

GLYCOLS

New data on the molecular compounds of stereoisomeric dibasic glycols of the 1,4-di-(α-hydroxy-sec. alkyl) cyclohexane series. A. L. Liberman, G. K. Gur'ianova. Izv. AN SSSR, Otd. khim. nauk no. 11:2092-2093 N '62.

GLYCOPROTEINS

New method of determining glycoproteins in the blood serum and plasma [with summary in English]. S. IA. Shteinberg, IA. N. Dotsenko. Vrach. delo no. 12:43-45 D '62.

Some results of and prospects for the study of enzymatic conversions of polysaccharides and the carbohydrate components of glycoproteins in the body. Vest. AMN SSSR 17 no. 9 38-48 '62.

GLYCOSIDES

Convallatoxoloside, a new cardioglycoside from the seeds of Lilies-of-the-valley (Convallaria majalis L.). N. F. Komissarenko. Dokl. AN SSSR 147 no. 3 625-627 N '62.

Glycosides from ginseng roots (Panax ginseng C. A. Mey). G. B. Elikov and others. Izv. AN SSSR, Otd. khim. nauk no. 11:2054-2058 N '62.

GOAT BREEDS see subdivision under Soviet Central Asia

GOETHITE see subdivision under Krivoy Rog Basin

GOITER

(see also subdivision under Uzbekistan)

Cancer of the thyroid gland and its relation to nodular goiter. U. A. Altybaev. Med. zhur. Uzb. no. 3 28-30 Mr '62.

Selection of an approach for the excision of intrathoracic goiter [with summary in English]. N. N. Melinovskii, G. I. Abdullaev. Khirurgiia 38 no. 10:106-110 O '62.

GOLD—ANALYSIS

Voltammetry of trivalent gold on solid electrodes [with summary in English]. O. L. Kabanova. Zhur. anal. khim. 17 no. 7 796-801 O '62.

Viazel'shchikov, V. P., and Z. N. Paritskii. [Handbook on the treatment of gold-bearing ores and placers] Spravochnik po obrabotke zolotosoderzhashchikh rud i rossypei. Pod red. M. D. Ivanovskogo. Moskva, Metallurgizdat, 1963. 650 p.

GOLD—THERMAL PROPERTIES

Measurement of the thermodynamic temperature of the equilibrium between solid and liquid zinc and between solid and liquid gold. N. V. Arefeva and others. Trudy inst. kom. stand., mer i izm. prib. no. 49 13-23 '60.

New determination of the temperature of solidification of pure gold. A. S. Arzhanov, A. N. Gordov, U. V. Dilkov. Trudy inst. Kom. stand., mer i izm. prib. no. 49:5-12 '60.

GOLD-COPPER ALLOYS see Copper-gold alloys

GOLD MINES AND MINING see subdivision under Siberia, Eastern

GOLD-OF-PLEASURE

Gold-of-pleasure cakes. V. F. Domina. Zhivotnovodstvo 24 no. 9 48 S '62.

GOLD ORES see subdivision under Kazakhstan, Kolyma Valley, Transbaikalia

GOLODNAYA STEPPE—COTTON—IRRIGATION

Reconstruction of the irrigation system for the use of the DDA-100M unit. B. I. Kuznetsov. Gidr. i mel. 14 no. 11 3-13 N '62.

GOLODNAYA STEPPE—WATER, UNDERGROUND

Predicting the condition of underground water level in the central part of the Golodnaya Steppe. N. N. Khodzhibaev, M. S. Alimov. Vop. geol. Uzb. no. 2:192-206 '61.

GOLODNAYA STEPPE (NORTHERN) see Bet-Pak-Dala

GOLOVETSK—FOLKLORE

Golovetsk village, Skole District, Lvov Province; ethnographic notes, 1958. G. F. Nedashkivs'ka. Pratsi UDMEKHP no. 6:18-34 '61.

GOMEL'—AGRICULTURAL MACHINERY INDUSTRY—PRODUCTION STANDARDS

Reorganizing the establishment of technical standards in a plant. M. Korobov. Sots. trud 7 no. 11:91-93 N '62.

GOMEL'—PLANETARIA

Gomel' planetarium. M. Minkovich. Belarus' 10 no. 11: 29 N '62.

GOMEL' PROVINCE—COOPERATIVE SOCIETIES—ACCOUNTING

Useful seminar. M. Snapkovskii. Sov. potreb. koop. 6 no. 9,27 S '62.

GOMEL' PROVINCE—ECONOMIC CONDITIONS

We have done that in just one year. I. IA. Paliakov. Belarus' 10 no. 11 2-3 N '62.

GOMEL' PROVINCE—POLITICS AND GOVERNMENT

Yes, these are very important problems. Z. Rubakhova. Sov. deput. trud. no. 12,60-62 D '62.

GOMEL' REGION—LINDEN

Physiological processes of seed ripening and germination in the small-leaved linden. A. I. Sauchanka. Vestsi AN BSSR. Ser. biial. nav. no. 3:32-36 '62.

GONGYLONEMA—HOST ANIMALS

Intermediate hosts of Gongylonema pulchrum Molin, 1857 in Uzbekistan. V. M. Ivashkin, L. A. Khromova. Trudy Gel'm. lab. 11:102-104 '61.

GONIOMETERS

Standard device for measuring angles. M. F. Grechko and others. Trudy inst. Kom. stand., mer i izm. prib. no. 47 127-138 '61.

GONIOMETERS—TESTING

Effect of the curvature of measuring surfaces of goniometers on the accuracy of measurements by various methods. L. L. Mediantseva. Trudy inst. Kom. stand., mer i izm. prib. no. 47 151-154 '61.

GOOSEBERRIES—DISEASES AND PESTS

20% dinitrorhodanbenzene against the American powdery mildew of gooseberries. E. V. Chemodanova. Zashch. rast. ot vred. i bol. 6 no. 8 30-31 Ag '61.

GORETSKIY DISTRICT—COLLECTIVE FARMS—ACCOUNTING

Give constant attention to accounting for production quality. P. P. Trifonenkov. Uchet i fin. v kolkhoz. i sovkhoz. 19 no. 12:36-37 D '62.

GORETSKIY DISTRICT—FLAX

Give constant attention to accounting for production quality. P. P. Trifonenkov. Uchet i fin. v kolkhoz. i sovkhoz. 19 no. 12:36-37 D '62.

Between two chairs. A. Volkov. Vop. lit. 6 no. 12 181-187 D '62.

Growing popularity of [illegible] in our country. B. [illegible] tsevych, B. Brodovskaia. [illegible] no. 20 [illegible] D '62.

Influence of student independent work with literature and teaching material on improving the teaching of literature in evening (staggered) schools. Report No. 2. Application of the concept of A. M. Gorkii "[illegible]" in tenth-grade students. N. I. Sokolova. Dokl. APN [illegible] no. 3:49-52 '62.

"M. Gorkii and the Soviet essay" by A. Shamukii. Reviewed by I. Zhuntiana. Vop. lit. 6 no. 11 [illegible] N '62.

GORKIY—AMATEUR ART ACTIVITIES

One plus one. S. Brovin. Sov. profsoiuzy 18 no. [illegible] D '62.

GORKIY—AUTOMOBILE INDUSTRY—ACCOUNTING

Standard accounting at the Gorkiy Automobile Plant. S. Ruchkin. Bukhg. uchet. 18 no. 11:10-15 N '62.

GORKIY—AUTOMOBILE INDUSTRY WORKERS

One plus one. S. Brovin. Sov. profsoiuzy 18 no. [illegible] D '62.

GORKIY—LABOR AND LABORING CLASSES

Obstetrical and gynecological service and the preventive examination of female workers at the Gorkiy Automobile Factory. E. M. Shitova, M. IA. Rundina. Sov. zdrav. 21 no. 12:10-12 '62.

GORKIY—SURGICAL SOCIETIES

Brief news. V. I. Dmitrieva. Sov. zdrav. 21 no. 12 [illegible] '62.

GORKIY PROVINCE—ACCOUNTING—STUDY AND TEACHING

Current problems. A. S. Shabalin. Uchet i fin. v kolkhoz. i sovkhoz. 19 no. 12 43-44 D '62.

GORKIY PROVINCE—EFFICIENCY, INDUSTRIAL

When they looked at the hidden potential from the [illegible] viewpoint. Part. zhizn' no. 23,22-27 D '62.

GORKIY PROVINCE—PINE

Experimental pine sowing and planting in the Vetluga-Unzha Forest Working Circle. N. M. Nabatov. Izv. vys. ucheb. zav., lesn. zhur. 4 no. 6:5-10 '61.

GORKIY PROVINCE—STATE FARMS

Our way to the industrialization of construction on state farms. V. Sharov. Sel'. stroi. no. 11 [illegible] '62.

GORKIY PROVINCE—TECHNOLOGICAL INNOVATIONS

Mechanization and automation in enterprises of the Gorkiy Economic Council. T. I. Lapin. Mekh. i avtom. proizv. 16 no. 11 17-21 N '62.

GORKIY PROVINCE—TIRES, RUBBER

Supporting the patriotic initiative. E. Cirube. Avt. transp. 40 no. 12:5-6 D '62.

GORKIY RESERVOIR—PHYTOPLANKTON

Primary production of phytoplankton in Gorkiy and Kuybyshev Reservoirs. I. V. Baranov. Trudy Gidrobiol. ob-va 12:345-358 '62.

GORNO-ALTAI AUTONOMOUS PROVINCE—HOP DISEASES AND PESTS

Hop pests. A. I. Kovrigin. Zashch. rast. ot vred. i bol. 6 no. 8 55-56 Ag '61.

GORNO-ALTAI AUTONOMOUS PROVINCE—INSECTS, INJURIOUS AND BENEFICIAL

Hop pests. A. I. Kovrigin. Zashch. rast. ot vred. i bol. 6 no. 8 55-56 Ag '61.

GORSKII, ALEKSANDR VASIL'EVICH, 1812-1962

Archpriest A. V. Gorskii (1812-1962). Zhur. Mosk. Patr. no. 10:72-80 O '62.

GOSSYPOL

"New method of gossypol extraction from cotton seeds oil and grist" by V. P. Rzhekhin, A. B. Belova. Reviewed by A. L. Markman, B. A. Kata. Maslob.-zhir. 28 no. 11 43-44 N '62.

GOVERNMENT MONOPOLIES

Basic forms of state monopolies in capitalist countries [with summary in English]. A. A. Dernin. Vest. finansov 17 no. 23:103-106 '62.

GOVERNORS (MACHINERY)

Changing the design of the regulator. V. A. Ivanov. Mashinostroitel' no. 11:13 N '62.

GRAFTING

Nicotine content of tobacco raised from seeds following grafting on tomatoes. M. F. Ternovskii. Shor. nauch. rab. issl. rab. VITIM no. 152-60-64 '61.

Vegetative hybridization of flax. A. R. Rogach. Trudy VNIIL no. 4:48-58 '55.

GRAFTING OF SKIN see Skin-grafting

of meteorological factors (temperature and precipitation) on the accumulation of protein substances in different varieties of wheat and barley [with summary in English]. N. M. Sichkar' Trudy VNIIZ no. 18:154-160.

iple changes in the development and distribution of n production. N. Vasil'ev. Izv. AN SSSR. Ser. biol. 14 1:77-86 N '62.

—ANALYSIS AND CHEMISTRY

rative testing of methods and apparatus of various ps for determining grain moisture. I. N. Libon, A. A. Rybalko, N. V. Gurchava. Trudy VNIIZ 39,41-61 '60.

—DISEASES AND PESTS

(also subdivision under Kazakhstan; Krasnodar illory)

ical role of seed production in the protection of ns against diseases. M. S. Dunin. Zashch. rast. red. i bot. 6 no. 8:32-35 Ag '61.

ition in applying chloraphos to grain crops. G. P. rodnyi. Zashch. rast. ot vred. i bol. 7 no. 2 '62. 1 p. '62.

—DISINFECTION

natural disinfestation of the surface layer of ed bulk grain by chloropicrin. A. A. Brudnaia. dy VNIIZ no. 39:93-107 '60.

—HARVESTING

e of plant is taken out. A. Shevchenko. Zasp. ta tsia no. 8:15 Ag '62.

I—TRANSPORTATION see subdivision under ganic region

—ELEVATORS

(also subdivision under Virgin Territory)

ture of grain receiving enterprises. Z. T. Chekhar' Kh. IA. Sheikhman, A. G. Rudov. Trudy VNIIZ 39:5-16 '60.

—MILLING

of an impact-type grain grinding process. V. I. ovika. Trakt. i sel'khozmash. 31 [i.e. 32] 11:37-39 N '61.

natical principles underlying the laminar flow of and grain products on the rollers of the purifier Gorlinskii. Trudy VNIIZ no. 40,65-82 '60.

—TRADE

rkan, V. T., D. M. Mazhkov, and P. I. Birlukov, pp. [Manual on the quality of grain and grain ducts] Spravochnik po kachestvu zerna i produktov pererabotki. Moskva, Zagotizdat, 1962. 456 p.

RIDIN

ient medium for the development of Bacillus brevis , H, and the formation of gramicidin S [with sum y in English]. V. V. Koshanov, N. S. Egorov. robiologiia 31 no. 3:515-519 My-Je '62.

MAL, COMPARATIVE AND GENERAL—VERB

ov, Ill. S., comp. [Problems of verbal aspect] rosy glagol'nogo vida, sbornik. Moskva, Izd-vo ur. lit-ry, 1962. 437 p.

ARIES—DISINFECTION

erence on the control of granary pests. P. S. Solo- nik. Zashch. rast. ot vred. i bol. 7 no. 8:7-10 Ag

ITE

(also subdivision under Siberia, Western)

cerning the remarks by G. F. Voloshnykh and others the article "Metasomatic zoning in the argillization granite-porphyries in contact with bodies." Ill. V. rtsyn, G. V. Aleksandrov. Geol. rud. mestorozh. 5:101-104 S-O '62.

ICAN

ultaneous treatment of seeds with phosphorsharists in disinfestation with granosan. M. T. Kvatashkhelia. nskelidze 24 no. 7:53-55 Jl '62.

ULAR MATERIALS

ribution of granular material according to the time stay in apparatus with a fluidized bed. V. F. Frolov, G. Romankov. Zhur. prikl. khim. 35 no. 10:2220-24 O '62.

w of a solid granular material in an ascending ream of gas in packed columns. G. D. Kuvatskii, N. Planovskii. Khim. i tekh. topl. i masel 7 no. 11: 12 N '62.

FULOMA DENIGRUM

gnosis, clinical aspects and treatment of sarcoidosis. V. Lopatnova. Probl. tub. no. 7:17-24 '62.

E JUICE—MICROBIOLOGY

ct of ultrasonic waves on the microflora in the nufacture of grape juice. G. N. Gusiuk, L. M. sheikova. Kons. i ov. prom. 17 no. 12:12-15 D '62.

ES see subdivision under Azerbaijan

Dinitrothiocyanatobenzene with colloidal sulfur. M. I. Zubov. Zashch. rast. ot vred. i bol. 7 no. 8:14-15 Ag '62.

Incidence of Bordeaux mixture. I. D. Chikvaidze. Zashch. rast. ot vred. i bol. 7 no. 6:17 Je '62.

GRAPES—VARIETIES see subdivision under Agdam District; Azerbaijan, Donets Basin, Ivura Lowland, Martuni District (Nagorno-Karabakh Autonomous Province), Ukraine

GRAPES—WATER REQUIREMENTS

Effect of microelements on the water balance of grapes. R. M. Mekhti-Zade, D. Kh. Dadiyev. Trudy Azerb. nauch.-issl. inst. sad., vin. i subtrop. kul't. no. 9:11-16 '62.

Physiological characteristics of drought resistance of some varieties of grapes [with summary in English]. Ouian Shou-zhy [Ou-yang Shou-ju]. Fiziol. rast. 9 no. 6:705-711 '62.

GRAPHIC ARTS see subdivision under Lvov

GRAPHIC METHODS

Determination of the regions of analyticity of diagram inserts corresponding to the scattering of nucleons, π mesons, and K mesons on nucleons. B. I. Kostyrkin. Ukr. mat. zhur. 14 no. 4:411-417 '62.

Feynman amplitudes for nonrelativistic processes [with summary in English]. L. D. Blokhintsev, G. G. Dolgov-skii, V. S. Popov. Zhur. eksp. i teor. fiz. 43 no. 5: 1914-1926 N '62.

Graphic analysis method for calculating the roots of characteristic equations containing first and second order Bessel functions [with summary in English]. R. G. Geints. Inzh.-fiz. zhur. 5 no. 10:77-81 O '62.

Graphic method for determining the optical constants of single-crystal semiconductors by measuring the transmission [with summary in English]. K. D. Tovstiuk, O. M. Floretsl. Ukr. fiz. zhur. 7 no. 12:1285-1291 D '62.

Many-phonon corrections to the kinetic equation. V. V. Ivankaev. Fiz. tver. tela 4 no. 11:3180-3204 N '62.

GRAPHITE

Modification in the binder in the first stage of sintering of carbon-graphitic materials. A. S. Fialkov, G. P. Gonatkevskaia, M. B. Gitberg. Zhur. prikl. khim. 35 no. 10:2308-2313 O '62.

GRAPTOLITES see subdivision under Taymyr Peninsula; Ural Mountains

GRASSHOPPERS see Locusts

GRASSES—FERTILIZERS AND MANURES

Fertilizers increasing the yield of perennial grasses on peat soils. I. A. Symonyk. Visnyk sil'skohosp. nauky 5 no. 11:85-87 N '62.

GRAVES see also subdivision 'Mounds' under Kuibyshev' Valley

GRAVIMETER (GEOPHYSICAL INSTRUMENTS)

Determining temperature coefficients of quartz gravimeters. G. I. Kuznetsov. Trudy SNIIGGIMS no. 10:78-85 '60.

Measuring the magnetic field in marine pendulum observations. V. A. Kuzivanov, A. G. Galmanov. Mor. grav. issl. no. 1:100-111 '61.

Practice in using gravimeters on ships. N. P. Grushinskii. Mor. grav. issl. no. 1:69-70 '61.

GRAVIMETRY

(see also subdivision under Antarctic regions; Greenland Sea; Pacific Ocean)

Gravimetric determinations in the Antarctica, Atlantic Ocean, and Mediterranean Sea on the ninth voyage of the Slava whaling fleet. A. G. Galmanov. Mor. grav. issl. no. 1:8-22 '61.

Problems of marine gravimetric expeditions of Moscow University, 1954-1959. V. V. Fedynskii. Mor. grav. issl. no. 1:7-7 '61.

Processing marine observations with overdamped gravimeters. V. A. Kuzivanov, B. I. Popov. Mor. grav. issl. no. 1:100-108 '61.

GRAVINA, ALFREDO

"Green fear to pride" [in Spanish] by Alfredo Gravina. Reviewed by G. S. Zhen. Priroda no. 3:92 '62.

GRAVITATION

Dadiani, F. P. [Effect of gravitation of the moon and sun on crustal processes] Tektonicheskie protsessy v zemnoi kore pod gravitatsionnym vliyaniem Luny i Solntsa. Kyiv, Vyd-vo Akad. nauk URSR, 1962. 61 p.

Briefly about the forces of gravity and inertia of our planet. M. V. Stovas, D. N. Useenko. Izv. AN SSSR. Ser. geol. 27 no. 11:101-102 N '62.

On the relative energy of a static centrally symmetrical gravitational field. Iu. A. Ryzhov. Vest. Mosk. un. Ser. 3: Fiz., astron. 17 no. 6:45-56 N-D '62.

neutrino. I. Vaselenskii. Pod red. D. Ivanenko. Moskva, Izd-vo inostr. lit-ry, 1962. 403 p. (Problemy fiziki) [Publ. in English as: Nonlinear gravitation and geometry. Russian edition has additional articles by author and others]

GRAVITY

(see also subdivision under Kazakhstan)

Effect of the earth's gravitational anomalies on the motion of artificial satellites [with summary in French]. N. G. Kochina. Trudy ITA no. 9:65-85 '62.

GRAVITY—PHYSIOLOGICAL EFFECT

Coordination of voluntary movements of man in a changed gravitational field [with summary in English]. I. V. Gal'kovich. Probl. kosm. biol. 1:143-150 '62.

Methods of studying blood circulation in the brain under the conditions of a changed gravitational field [with summary in English]. N. I. Moskalenko, R. M. Baevskii, O. G. Gazenko. Probl. kosm. biol. 1:100-104 '62.

GRAVITY PROSPECTING

(see also subdivision under Pechora Basin)

Calculation of the effect of mine workings and the movements of their walls on measurements of Δg. A. A. Ufnkov. Geofiz. razved. no. 10:30-34 '62.

Methodology of high precision gravity studies in prospecting for oil and gas. I. D. Nemtsov. Geofiz. razved. no. 10:3-27 '62.

Tectonics of the northern part of the Central Russian Lowland based on gravity prospecting data. I. S. Nikitin. Geofiz. razved. no. 10:41-50 '62.

Use of electronic digital computers for the evaluation of gravimetric terrain corrections (example). I. A. Losev', Izv. AN Kazakh. SSR. Ser. geol. no. 5:102-103 '62.

GREAT BRITAIN—CITIES AND TOWNS

Communal economy of English cities from the 11th to the 14th century and the organizations of English merchants and tradesmen [in Georgian with summaries in Russian and English]. Gr. Chkhartishvili. Trudy TbGU 97:105-110 '60.

GREAT BRITAIN—COMMUNIST PARTY—CONGRESSES

Communist Party of Great Britain, 27th Congress, London, 1961. [Twenty-seventh Congress of the Communist Party of Great Britain, London, March 30-April 3, 1961] XXVII natsional'nyi s"ezd Kommunisticheskoi partii Velikobritanii, London, 30 marta - 3 aprelia 1961 goda. Moskva, Gospolitizdat, 1961, 123 p. (Dokumenty i materialy zarubezhnykh kommunisticheskikh i rabochikh partii)
(CRI-H)

GREAT BRITAIN—DOCKS

Mooring made of precast reinforced concrete (from "Concrete and constructional engineering," Dec. 1961, Feb. 1962). I. D. Tsibenberg. Transp. stroi. 12 no. 10:59-60 O '62.

GREAT BRITAIN—ECONOMIC CONDITIONS

Gabuch'dian, V. M. [The economy of Great Britain in the world capitalist economic system after the Second World War] Ekonomika Anglii vo vsemirnoi kapitalisticheskoi sisteme khozialstva; posle Vtoroi Mirovoi voiny. Livan, Izd-vo Erevanskogo gos. univ., 1962. 209 p. [In Armenian with summaries in Russian and English]

GREAT BRITAIN—ECONOMIC POLICY

"The stagnant society" [in English] by Michael Shanks. Reviewed by S. Pozdgadov, Mir. ekon. i mezhdunar. otn. no. 12:110-121 D '62.

GREAT BRITAIN—ENGINEERING MODELS

Using models in the design of technical units and pipelines in England. V. M. Orlov. Mont. i spets. rab. v neft. 24 no. 12:35-37 D '62.

GREAT BRITAIN—FASCISM

How I played the part of a fascist. M. S. Nov. vrem. 20 no. 51:21 D '62.

GREAT BRITAIN—FOREIGN RELATIONS—AFRICA, NORTHEAST

Trofimov, V. A. [Policy of Great Britain and Italy in northeastern Africa in the second half of the 19th century; Ethiopia and Somalia] Politika Anglii i Italii v Severo-Vostochnoi Afrike vo vtoroi polovine XIX v. (Efiopiia i Somali). Moskva, Izd-vo Vostochnoi lit-ry, 1962. 203 p.

GREAT BRITAIN—FOREIGN RELATIONS—ASIA, CENTRAL

"Bankruptcy of English policy in Central Asia and the Middle East. 1918-1934" by A. Kh. Babakhodzhaev. Reviewed by A. I. Zevelev. Vop. ist. no. 12:121-122 D '62.

GREAT BRITAIN—FOREIGN RELATIONS—GERMANY

Encounters with fascist dictators (to be continued). A. Eden. Mezhdunar. zhizn' 10 no. 1:120-126 Ja '63.

Encounters with fascist dictators (to be continued). A. Eden. Mezhdunar. zhizn' 10 no. 1 120-128 Ja '63.

GREAT BRITAIN—FOREIGN RELATIONS—UNITED STATES

England during the days of the Cuban crisis. Koni Zilliacus Nov vrem 20 no 50 3-4 D '62

GREAT BRITAIN—GUILDS

Communal economy of English cities from the 11th to the 13th century and the organizations of English merchants and tradesmen [in Georgian with summaries in Russian and English] Gr Chkhartishvili Trudy Tbil GU 87 355-410 '60.

GREAT BRITAIN—HISTORICAL RESEARCH

Achievements of English Marxist historiography A L. Aleksandrov Vop ist no 12 172-173 D '62

English Marxist historians have discussed the problem concerning the division of history into successive periods. N A. Erofeev. Vop. ist. no 11 204-207 N '62

GREAT BRITAIN—JURY

English trial by jury. N. Krasheninnikova. Sov. just. no. 22 25-26 N '62.

GREAT BRITAIN—LABOR AND LABORING CLASSES

"Labor movement and the Labor Party of Great Britain during the world economic depression" by I. N. Undasynov. Reviewed by E. S. Bibik. Vop ist. no 11 158-160 '62.

GREAT BRITAIN—LABOR AND LABORING CLASSES—RESEARCH

A trade-union research center. V. Peschanskii. Mir. ekon. i mezhdunar. otn. no. 12 94-95 D '62.

GREAT BRITAIN—LABOR PARTY

"Labor movement and the Labor Party of Great Britain during the world economic depression" by I. N. Undasynov. Reviewed by E. S. Bibik Vop. ist no. 11; 158-160 N '62.

GREAT BRITAIN—NEWS AGENCIES

Reuters News Agency. Mezhdunar. zhizn' 10 no 1 174-176 Ja '63.

GREAT BRITAIN—PATENT LAWS AND LEGISLATION

Patent procedure for foreign inventions in Great Britain. V. Kutuzov. Vnesh. torg. 42 no. 12 31-32 '62.

GREAT BRITAIN—PIPE, STEEL—WELDING

Welding stainless steel pipe in an argon atmosphere. L. T. Chumadin. Mont. i spets rab. v stroi 24 no 12: 23-24 D '62.

GREAT BRITAIN—PRECAST CONCRETE CONSTRUCTION

Mooring made of precast reinforced concrete [from "Concrete and constructional engineering," Dec 1961, Feb 1962]. I E TSimbarg Transp stroi 12 no 10 59-60 O '62

GREAT BRITAIN—STRIKES AND LOCKOUTS—AUTOMOBILE INDUSTRY

In Ford's clutches. V. B Nov vrem. 20 no 50 10-11 D '62

GREAT BRITAIN—STRIKES AND LOCKOUTS—RAILROADS

Struggle on the railways of Great Britain. T. F. McWhinnie. Vsem. prof. dvizh. no. 11; 15-16 N '62.

GREAT BRITAIN—THEATER

Plays which make you think. N. Loseva. Teatr 23 no. 11 187-188 N '62.

GREAT BRITAIN—TRADE UNIONS—CONGRESSES

The right-wing offensive at the congress of British trade unions. Harry Evans. Vsem. prof. dvizh. no. 11; 12-15 N '62.

GREAT BRITAIN—WOMEN AND PEACE

Mothers against war. Colette Comoy. Zhen. mira no. 8 32-33 '62.

GREECE—DEFENSES

NATO flag over the Acropolis. V. Kondrat'ev. Mezhdunar. zhizn' 10 no. 1 83-88 Ja '63.

GREECE—HISTORY

From the history of the Greek national liberation movement in the late 18th and the early 19th centuries G L. Arsh. Vop ist no 12 174-175 D '62

GREECE—INVESTMENTS, FOREIGN

NATO flag over the Acropolis. V. Kondrat'ev. Mezhdunar. zhizn' 10 no. 1; 83-88 Ja '63.

GREEN MANURING

Deep plowing under of lupine and manure as a way of increasing their effectiveness. M. S. Zhukov, O. F. Hol'tseva. Visnyk sil'hosp. nauky 5 no. 10, 92-95 O '62.

GREENLAND SEA—GRAVIMETRY

Gravimetric determinations in the Greenland Sea on the Ob' diesel-electric ship, 1956. T. S. Chesnokova, N. P. Grushinskii. Mor. grav. issl. no. 1; 37-40 '61.

GREENSTONE see subdivision under Altai Mountains

GRIGNARD REAGENTS

Reaction of (acetylcyclopentadienyl) manganese tricarbonyl with a Grignard reagent and Iocceich's "complex" A. N. Nesmeianov and others. Izv. AN SSSR. Otd khim nauk no. 11 2072-2074 N '62.

GRINDING AND POLISHING

Automatic honing of cylinders. V. Blatov. Avt. transp. 40 no. 12 22-24 D '62.

Gusev, N. N. [Use of a rotating magnetic field for the rotor drive in the cleaning, grinding, and polishing of internal pipe surfaces made of nonmagnetic materials] Primenenie vrashchaiushchegosia magnitnogo polia dlia privoda instrumenta pri ochistke, shlifovanii i polirovanii vnutrennei poverkhnosti trub iz nemagnitnykh materialov. Leningrad, 1962. 13 p. [Leningradskii dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia: Elektricheskie metody, obrabotki materialov, no 6)

Loskutov, V. V. [Polishing of metals] Shlifovanie metallov. Izd. 4., perer. Moskva, Mashgiz, 1962. 279 p.

Modern grinding machines and new grinding techniques. G. B. Lur'e. Mashinostroitel' no 11 42-44 N '62.

GRINDING MACHINES

Device for the continuous control of valve stems during centerless grinding. Z. L. Tubenshliak, M. I. Skalkin. Trakt i sel'khozmash. 31 [i. e. 32] no. 11 37-38 N '62.

Grinding ball mortar. IA. I Chuhunkov, P. I. Martynenko Visnyk sil'hosp. nauky 5 no. 10-123-124 O '62.

Machine for cleaning and grinding the walls of molds P M. Makhinia Mekh stroi 19 no. 12 20-21 D '62.

Modern grinding machines and new grinding techniques. G. B. Lur'e. Mashinostroitel' no. 11 42-44 N '62.

GRIPPE see Influenza

GRISEIN

Grisein resistivity of intestinal micro-organisms [with summary in English] A A Chupin. Mikrobiologiia 31 no 3; 486-489 My-Je '62.

GRODNO—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

Emial'ianova, E. IA. [Three thousand restless men] Try tysiachy nespakoinykh Minsk, Dziarzhvyd BSSR, 1962 41 p. (Z vopytu partyinat raboty)

GRODNO PROVINCE—COLLECTIVE FARMS—AUDITING AND INSPECTION

What did the audit show. M. Stasevich Fin. SSSR 23 no. 11, 64-66 N '62

GRODNO PROVINCE—POLITICS AND GOVERNMENT

A conference in the executive committee of a White Russian province D. Pinkhasik. Sov. deput. trud. no. 11; 42-46 N '62.

GROSS NATIONAL PRODUCT see subdivision under Uzbekistan

GROUND BEETLES—EXTERMINATION see subdivision under Caucasus, Northern, Odessa Province

GROUND-CUSHION PHENOMENON

The air footwear of transportation. G Lipman, B. Likhterman Tekh mol 30 no 10 18-21 '62.

GROUND-EFFECT MACHINES

First inventor of an air-cushion ship. V. Letunov. Mor. flot 22 no. 12, 39 D '62.

GROUND TEMPERATURE see Earth temperature

GROUPS, THEORY OF

Classes of conjugate elements in topological groups [with summary in English] V I. Ushakov Ukr. mat zhur 14 no. 4 366-371 '62.

On locally normal groups. IU. M. Gorchakov. Dokl. AN SSSR 147 no. 3; 537-539 N '62.

On semicommutative and verbal products of groups. I. A; Chaban. Usp. mat. nauk 17 no. 5; 153-155 S-O '62.

On the coincidence of various dimensionality definitions for factor spaces of locally bicompact groups. B. A. Pasynkov. Usp. mat. nauk 17 no. 5; 129-135 S-O '62.

Regular elements of a semigroup of binary relations. K. A. Zaretskii. Usp. mat. nauk 17 no. 3; 177-179 My-Je '62.

Representations of the general Lorentz group and the classification of relativistic equations. G. A. Sokolik Izv. vys. ucheb. zav. ;fiz. no. 5; 54-59 '62

Restrictive semigroups. V. V. Vagner. Izv. vys. ucheb. zav. ;mat. no. 6; 19-27 '62.

A semigroup of almost all indentical partial transformations. E. G. Shutov. Izv. vys. ucheb. zav. ;mat. no. 6; 155-161 '62.

Structure of the energy spectrum of electrons in Th_3P_4 type crystals. G. F. Karavaev, N. V. Kudriavtseva, V. A Chaldyshev. Fiz. tver. tela 4 no. 12; 3471-3481 D '62.

The symmetry theory in spin-phonon interaction [with summary in English]. A. K. Morocha. Zhur. eksp. i teor. fiz. 43 no. 5; 1804-1812 N '62.

Two theorems on solvable groups. P. T. Kozel, R. I. Tyshkevich. Izv. vys. ucheb. zav. ;mat. no. 6; 45-50 '62.

GROUTING

Mirskii, A. I. [Hot bituminous grouting] Goriachaia bitumizatsiia; opyt stroitel'stva. Moskva, Gosstroiizdat, 1962. 99 p.

GROWTH (PLANTS)

Antipov, N. I. [How plants feed and grow] Kak pitaiutsia i rastut rastenila. [Riazan'] Riazanskoe knizhnoe izdatel'stvo, 1962. 160 p.

[Biological control in agriculture, methods for determination, tables, and brief description of the phases of organogenesis in 50 plant species] Biologicheskii kontrol' v sel'skom khoziaistve, metodika opredeleniia, tablitsy i kratkoe opisanie etapov organogeneza 50 rastenii. [Moskva] Izd-vo Mosk. univ., 1962. 373 p. (DNAL)

Development stages of eugenol basil [in Georgian with summary in Russian]. G. I. Bukiia. Trudy Sukh. opyt. sta. efirnomas. kult. no. 3/4 10-40 '61.

Dynamics of the growth of eugenol basil [in Georgian with summary in Russian] G. I. Bukiia. Trudy Sukh. opyt. sta. efirnomas. kult. no. 3/4 32-39 '61.

Effect of seeding times and quantity of precipitation on the growth of pine in the Boyarka Forest Working Circle. P. M. Mehalima'kyi. Nauk. pratsi Ins. lisiv. hosp. fak. UASHN 16 no. 8; 12-17 '60.

GROWTH PROMOTING SUBSTANCES

(see also subdivision under Azerbaijan)

Effect of growth substances on woody plants 11 V. Zhuravleva. Les khoz 15 no 10 17-19 O '62

Our invisible helpers. Belarus' 19 no 11; 31 N '62.

GUANETHIDINE

Effect of octatensin on the intraocular pressure in glaucoma patients [with summary in English]. N. A. Trifonova, S. M. Sakhieva. Vest. oft. no. 5; 20-26 '62

Use of ismelin (guanethidine) in hypertension [with summary in English]. N. A. Ratner, G. A. Glezer, G. F. Spivak. Terap. arkh. no. 8 102-109 '62.

Use of ismelin in various forms of hypertension [with summary in English]. N. I. Semenovich, G. I. Kolesnikova, L. R. Nozdriukhina. Terap. arkh. no. 8; 109-113 '62.

GUIDED MISSILES

Lebedev, A. A., and L. S. Chernobrovkin. [Dynamics of the flight of pilotless aircraft] Dinamika poleta bespilotnykh letatel'nykh apparatov. Pod red. A. A. Lebedeva. Moskva, Oborongiz, 1962. 548 p.

GUILDS see subdivision under Great Britain

GUINEA—ADVERTISING

Advertising in Guinea. Walter Grow. Vnesh. torg. 42 no. 12 32-33 '62.

GUINEA—COMMERCE—RUSSIA

Export of bananas and pineapple from the Republic of Guinea. B. Repkin Mor. flot 22 no 11; 14-15 N '62

GUINEA—TECHNICAL ASSISTANCE, MONGOLIAN

A trip to Forecariah. D. Darima. Sovr Mong 7 no 8, 18 Ag '62.

GUINEA PIGS—PHYSIOLOGY

Proteinogram in guinea pigs. V. A. Saarma, Y. ?. Ratnasar. Lab. delo 8 no. 5; 54-55 My '62.

GUITAR

A vibrator for an electric guitar [from "Radio i Televizilia," no. 7 1962]. Radio no. 11, 56 N '62.

GUMS AND RESINS, SYNTHETIC see Resins, Synthetic

GUR'IANOVA, EVPRAKSIIA FEDOROVNA, 1902-

Evpraksiia Fedorovna Gur'ianova, her 60th birthday Issl. dal'nevost. mor. SSSR no 8; 4-5 '62

GUTMAN, NATALIIA, 1942-

Two Natashas. T. Gaidamovich. Sov. muz. 28 no. 11 85-88 N '62.

GYMNASTICS

Dynamics of weight and body composition of basketball players and gymnasts of higher groups A G Zhdanova, IA. IA. Parzhitskova. Teor. i prak. fiz. kul't. 25 no 9; 27-29 S '62.

Gymnastics recording dynamometer. IU Verkhais IUn. tekh. 7 no. 11, 8-9 N '62

Lessons of the 15th World Championship in Gymnastics. M. L. Ukran. Teor. i prak. fiz. kul't. 25 no. 10; 8-12 O '62.

Methods for improving the technical preparation of gymnasts. V. I. Chukarin, V. M. Smolevskii Teor. i prak. fiz. kul't. 25 no. 9; 16-19 S '62.

Physical preparation of junior-rank male gymnasts during training exercises. A. M. Shlemin. Teor. i prak. fiz. kul't. 25 no. 10; 51-55 O '62.

GYMNASTICS, MEDICAL. see Exercise therapy

GYNECOLOGY

Lebedev, A. A., ed. [Exercise therapy in obstetrics and gynecology] Lechebnaia fizkul'tura v akusherstve i ginekologii, posobie dlia vrachei zhenskikh konsul'tatsii i rodil'nykh domov. Moskva, Medgiz, 1962. 173 p.
(DNLM)

Characteristics of the formation of calcium aluminates during the firing of charges containing gypsum. S. D. Gyrasimov and others. Zhur. prikl. khim. 35 no. 11: 2551-2556 N '62.

Gypsum in the associate of cement. A. Volzhenskii, G. Kogan. Na stroi. Ros. 3 no. 6 27-29 S '62.

Problem of the unequal value of the energy state of water molecules in gypsum. V. F. Komarov, F. S. Sakharov, G. A. Vall. Zhur. VKHO 7 no. 6 692-694 '62

GYROSCOPE

Odintsov, A. A. [Design of electrical elements of gyroscopic devices] Proektirovanie elektroelementov giroskopicheskikh ustroistv. Moskva, Vysshaia shkola, 1962. 190 p.

Theory of the invariance of inertia systems based on the reconing method. N. I. Efremov. Izv. vys. ucheb. zav., prib. 5 no. 6 77-84 '62.

HAFNIUM

Production of hafnium and germanium foil for nuclear research. O. P. Klinchariov, A. D. Nikolaichuk, T. S. Narzarova. Ukr. fiz. zhur. 7 no. 9:1027 S '62.

HAFNIUM ALLOYS—METALLOGRAPHY

Formation of the ω-phase in hafnium-base alloys. V. N. Gridnev, V. A. Rafalovskii, V. I. Trefilov. Sbor. nauch. rab. Inst. metallofiz. AN URSR no. 15:180-191 '63.

HAITI—FOREIGN ECONOMIC RELATIONS—UNITED STATES

How an English periodical defends American colonizers. A. S. Kovnitskaia. Vop. ist. no. 12:177-179 D '62

HALAN, IAROSLAV, 1902-1949

[On the darkness be dispelled] On the 60th anniversary of [A. Halan's birth. Votsv. atelst no. 7:41-42 Jl '62.

HALIDES

Use of hexamethylentetramine in the quantitative determination of carboxyl and sulfonyl halides [with summary in English]. A. P. Terent'ev and others. Zhur. anal. khim. 17 no. 7:900-902 O '62

HALL EFFECT

Anisotropy of the sign of the Hall effect in tin. S. V. Volkov, V. N. Kachinskii. Vest. Mosk. un. Ser. 3: Fiz., astron. 17 no. 6:80-81 N-D '62.

Energy spectrum of gamma-radiation defects in silicon. N. A. Vitovskii, T. V. Mashovets, S. M. Ryvkin. Fiz. tver. tela 4 no. 10:2045-2046 O '62.

Mobility of holes in germanium as dependent on concentration and temperature. O. A. Golikova, B. IA. Moizhes, A. G. Orlov. Fiz. tver. tela 4 no. 12:3482-3491 D '62.

Scattering in spin heterogeneities and the spontaneous Hall effect in ferromagnetic materials. Sh. Sh. Abel'skii, Iu. P. Irkhin. Fiz. met. i metalloved 14 no. 5: 641-645 N '62.

Some modern methods of measuring the Hall effect [with summary in English]. V. N. Bogomolov, V. P. Zhuze. Poroshk. met. 2 no. 6:80-86 N-D '62.

Theory of the ferromagnetic Hall effect. L. F. Gurevich, I. N. IAmpolevich. Fiz. tver. tela 4 no. 10:2654-2666 O '62.

Using Hall current in studying carrier scattering in semiconductors. V. N. Dobrovol'skii, Iu. I. Gritsenko. Fiz. tver. tela 4 no. 10:2760-2760 O '62.

HALLUCINATIONS AND ILLUSIONS

Hallucinatory paranoid states in cerebral atherosclerosis at a late age; report No. 2. I. A. Moulov. Trudy Gos. nauch.-issl. inst. psikh. 26 75-86 '61.

Hallucinatory syndrome as a sign of the side effects of butadione. I. S. Sigal'. Klin. med. no. 9:152-153 '62.

HALOCNEMUM

Materials on the anatomy of the tribe Salicornieae Dum. Report No. 1: Structural characteristics of Halocnemum strobilaceum (Pall.) M. B. B. G. Medvedva. Izv. AN Kazakh. SSR. Ser. bot. i pochv. no. 3:81-91 '62.

HAMMAN-RICH SYNDROME see Pulmonary fibrosis

HAND—WOUNDS AND INJURIES

"Hand injuries" by E. V. Usol'tseva. Reviewed by V. G. Vainshtein. Vest. khir. 89 no. 9:137-138 S '62.

HANDBOOKS, MANUALS, ETC. see subdivision under Komi A. S. S. R.; Vilnius; Yenisey Valley

HANDBOOKS, VADE MECUMS, ETC.

[Notebook for party activists] Zapysna knyzhka partiinoho aktyvista. [Kyiv] Derzhpolitvydav URSR [1962] 302 p.

HANDICAPPED CHILDREN—EDUCATION

Nauchnaia konferentsiia po defektologii, 1961. [Materials from the Conference on Defectology] Materialy. Pod red. A. I. D'iachkova. Moskva, Izd-vo Akad. pedagog. nauk RSFSR, 1962. 116 p.

HARBOR see subdivision under Novorossiysk; Sochi; Vladivostok

HARBOR—ANCHORAGE see subdivision under Kholmsk

HARBORS

Determining the specialization of piers by means of linear programming. V. Anandina. Mor. flot 22 no. 11: 7-8 N '62.

HARD FACING

Increasing fatigue strength and wear resistance by hard facing with a weaving arc. V. S. Biragimov. Svar. proizv. no. 5:15-16 My '62.

Investigating the hydrogen brittleness of metal deposited in hard facing. R. A. Kozlov. Svar. proizv. no. 11:10-13 N '62.

Surfacing by a weaving arc method. L. Ulitskii. Sel'mekh. no. 10 30-10 '62.

HARD FACING—CONGRESSES

All-Union Conference on Hard Facing Operations. F. S. Reznichenko. Svar. proizv. no. 12:43 D '62.

All-Union Conference on the Hardening of Machine Parts. B. M. Kontorov. Svar. proizv. no. 12:44 D '62.

HARDBOARD

Basic industrial methods of the production of fiberboards by the dry and semidry methods. A. P. Shishkina. Nauch. trudy LTA no. 98:19-26 '62.

Cold alkaline process for birch and pine firewood chips. N. IA. Solechnik, P. Kh. Lankeev, Z. V. Mozhe. Nauch. trudy LTA no. 98:53-59 '62.

Drilling of particle boards. V. V. Amalitskii. Der. prom. 11 no. 11:10-13 N '62.

Investigating chemical processes for obtaining lignin plastics binders. N. IA. Solechnik and others. Nauch. trudy LTA no. 98:61-68 '62.

Monosulfite cooking of birch firewood chips. P. Kh. Lankeev. Nauch. trudy LTA no. 98:45-52 '62

Some problems in sawing wood particle boards. S. P. Bukina. Izv. vys. ucheb. zav.; lesn. zhur. 4 no. 5 120-132 '61.

Theoretical bases of the preparation of chips for milling. N. IA. Solechnik and others. Nauch. trudy LTA no. 98: 27-36 '62.

Theoretical basis and studies of the factors of semidry molding. N. IA. Solechnik, A. P. Shishkina. Nauch. trudy LTA no. 98:11-18 '62.

Water cooking of chips in the presence of buffers. A. I. Novosel'skaia. Nauch. trudy LTA no. 98:17-43 '62.

HARDNESS—MEASUREMENT

Plastic reduction of dents caused by microhardness measurements. Ш. S. Boiarskaia, M. I. Val'kovskaia. Izv. vys. ucheb. zav. fiz. no. 5:10-17 '62.

HARDNESS—TESTING

Devices for microhardness tests of metals. M. M. Khrushchov, E. S. Berkovich. Standartizatsiia 26 no. 11:48-51 N '62.

Devices with diamond indenters for microhardness tests. Standartizatsiia 26 no. 11:52-54 N '62.

HARMONY

Thoughts on modern harmony. Ш. Tiulin. Sov. muz. 26 no. 10 100-105 O '62

HARP SEAL see subdivision under Russia, Northern

HARROWS

The BDT-2,5A heavy disc harrow. N. P. Lukin, I. I. Dashkevich. Trakt i sel'khozmash. 32 no. 9 36 S '62

HARVESTING

(see also subdivision under Mongolia)

The agitator's work during the crop harvesting season. Agitator no. 12:10-13 Je '62.

A busy period for the propagandists of atheism. M. Trotskov. Votsv. ateist no. 7:27-28 Jl '62.

HARVESTING MACHINERY

Calculation of the strength of alternator discs. K. Ia. Akentiian and others. Trakt i sel'khozmash. 31 [i. e. 32] no. 11:23-24 N '62

Design of a working mechanism for cutting the heads of sugar beets. N. V. Tatianko. Trakt i sel'khozmash. 31 [i. e. 32] no. 11:10-21 N '62

The performance of the SK-2, 6 harvester should be improved. V. Moutakov, V. Zahava. Tekh. v sel'khoz. 22 no. 10:53-55 O '62.

Points from agricultural magazines. Tekh. v sel'khoz. 23 no. 10:90-91 O '62.

A universal MDU-3 thresher-crusher. E. A. Klimova. Trakt. i sel'khozmash. 31 [i. e. 32] no. 11:34-35 N '62.

Vibration chamber of the KPN-2 grain harvesting combine. A. N. Pugachev, V. V. Rykov. Trakt i sel'khozmash. 31 [i. e. 32] no. 11:21-22 N '62

HARVESTING TIME

Effect of harvesting dates on the yield and oil quality of vetiver. A. A. Pravdolubova, M. V. Kotlinova, L. N. Ivanova. Trudy Sukh. opyt. sta. efiromasl. kul't. no. 3/4: 99-105 '61.

HAUSA LANGUAGE—NOUN

Noun formation in the Hausa language. I. A. Oshitskaia. Trudy Inst. etn. 72 199-240 '62.

HAWKMOTHS see subdivision under Crimea

HAY—HARVESTING

Effect of certain parameters of the picker and roller on hay crushing process. A. M. Ozerov. Trakt i sel'khozmash. 31 [i. e. 32] no. 11:29-31 N '62

HAY—TRANSPORTATION

The TPP-10 pneumatic conveyor. V. I. Serov. Trakt. i sel'khozmash. 32 no. 9 34 S '62

HEAD—BLOOD SUPPLY

Stenosis and thrombosis of the extracranial large vessels of the head. V. N. Shtok. Klin. med. no. 9 17-23 '62.

HEADACHE

Facial sympathalgias. A. M. Vein. Klin. med. no. 9 52-56 '62.

HEALTH EDUCATION

Acquainting the eighth grade students with some aspects of industrial hygiene. S. D. Vasilevskaia. Biol. v shkole no. 4:48-50 Jl-Ag '62.

Evening devoted to the topic "The way to strength and health." F. V. Ostrovskaia. Biol. v shkole no. 4 91-92 Jl-Ag '62.

Health day in a school. L. A. Ivashova. Biol. v shkole no. 4:90-91 Jl-Ag '62.

Physicians and also agitators. V. Kriuchkova, M. Merman. Agitator no. 12 49-50 Je '62.

HEALTH OF WORKERS see Industrial hygiene

HEALTH RESORTS, WATERING PLACES, ETC. see subdivision under Crimea; Kola Peninsula; Latvia; Transbaikalia; Ukraine; see also Varzi-Yatchi

HEARING

Comparative data on the lability and interactivity of neural processes in the auditory and visual analysers in dogs and the lower monkeys [with summary in English]. Zhur. vys. nerv. deiat. 12 no. 1:88-91 Ja-F '62.

Interaction between the olfactory and auditory, as well as the olfactory and photic components of simultaneous complex stimuli [with summary in English]. E. G. Vatsuro, V. K. Shepeleva. Zhur. vys. nerv. deiat. 12 no. 1:103-109 Ja-F '62.

HEART

Clinical significance of a delayed reflex from the zone of the carotid sinus on cardiac activity [with summary in English]. P. P. Alekseev. Klin. med. no. 9:71-75 '62.

HEART—ABNORMITIES AND DEFORMITIES

Developmental defects of the atrioventricular canal, their clinical aspects, diagnosis and surgical treatment [with summary in English]. S. A. Kolesnikov, V. A. Bukharin, Khuan Siu-Chzhun [Kuang Hsiu-Chung]. Kardiologiia 2 no. 5:16-27 S-O '62.

Stereoangiocardiographic and histotopographic study of the cardiac vessels in congenital defects [with summary in English]. L. D. Krymskii, V. D. Arutiunov. Kardiologiia 2 no. 5:27-33 S-O '62.

HEART—DIAGNOSIS

Cardiac catheterization and angiocardiography in the diagnosis of congenital heart disease. V. Utkin. Izv. AN Latv. SSR no. 2:165-170 '61.

HEART—DISEASES

Cardiac changes in leukemias [with summary in English]. G. V. Oaschenskaia, I. B. Gurevich, M. P. Khokhlova. Terap. arkh. no. 6:71-78 '62.

Cardiac lesion in systemic and focal scleroderma [with summary in English]. V. G. Chistiakova, T. P. Vasil'eva, G. IA. Vyzotskii. Terap. arkh. no. 8:78-86 '62.

Gegesi Kiss, Pal, Gyula Szutrely, and Jozsef Kudasz. [Diseases of the heart and organs of blood circulation in infancy and childhood. Translated from the Hungarian] Zabolevaniia serdtsa i organov krovoobrashcheniia v mladenecheskom i detskom vozrastakh. Budapest, Akademiai Kiado, 1962. 907 p. (DNLM)

HEART—EXAMINATION

Potassium and sodium distribution in the different sections and tissues of the heart of different animals [with summary in English]. V. S. Sal'nnanovich. Biul. eksp. biol. i med. 54 no. 11:58-62 N '62.

HEART—INFARCTION

Clinical aspects of cardiac rupture in myocardial infarct. A. I. Gefter, A. P. Matusova. Terap. arkh. no. 8:41-46 '62.

Clinical characteristics of nervous system lesions in myocardial infarction [with summary in English]. M. G. Fainberg. Klin. med. no. 9:63-67 '62.

Correlation between blood chlorides and sodium in the blood plasma in acute myocardial infarct [with summary in English]. M. I. Zolotova-Kostomarova, V. A. Borzov. Vrach. delo no. 12:15-18 D '62.

Epileptiform syndrome in myocardial infarcts [with summary in English]. N. K. Bogolepov, L. G. Erokhina. Vrach. delo no. 12:8-12 D '62.

Neuropsychic disorders in patients who have had a myocardial infarction at a young age; preliminary report Z. V. Rosenko Trudy Gos. nauch. issl. inst. psikh. 25, 561-582 '61.

Shapiro, IA. I. [You shouldn't treat your heart lightly, the prevention of myocardial infarction and its complications] S serdtsem ne shutiat, profilaktika infarkta miokarda i ego oslozhnenii. Moskva, Izd-vo "Znanie," 1962. 11 p. (Novoe v zhizni, nauk, tekhnike. VIII Serlia. Biologiia i meditsina, no. 23)

Transaminase activity in myocardial infarcts [with summary in English] V. I. Romanovskaia, F. A. Khvatova. Vrach. delo no. 12 12-15 D '62.

HEART—MUSCLE

Dynamics of myocardial oxygen tension in artificial circulation [with summary in English] G. M. Solov'ev, G. IA. Khedas. Kardiologiia 2 no. 5 33-37 S-O '62.

Rhythm disorder and ion metabolism in the heart muscle; based on materials in the foreign literature. N. V. Kalinina. Kardiologiia 2 no. 5 78-85 S-O '62.

HEART—NECROSIS

Case of shock necrosis of the myocardium in a patient with peptic ulcer of the stomach and duodenum. S. I. Saksonov. Zdrav. Tadzh. 9 no. 5 51-52 '62.

HEART—RUPTURE

Clinical aspects of cardiac rupture in myocardial infarct. A. I. Gefter, A. P. Matusova. Terap. arkh. no. 8:41-46 '62.

HEART—SOUNDS

Diagnostic problems in aortic stenosis. A. L. Shternberg, I. V. Shaban. Kardiologiia 2 no. 5 38-42 S-O '62.

Methods of integral phonocardiography [with summary in English] R. M. Baevskii. Probl. kosm. biol. 1 412-414 '62.

Significance of phono-, vector- and ballistocardiography in the complex examination of mitral defects of the heart. N. P. Malyshkin. Kardiologiia 2 no. 5 69-71 S-O '62.

HEART—SURGERY

Anesthesia in moderate hypothermia. T. M. Darbinian. Vest. AMN SSSR 17 no. 8:39-43 '62.

Comparative electroencephalographic data on children operated on for congenital heart defects [with summary in English]. N. G. Roslavleva. Klin. med. no. 9 67-71 '62.

Principles for the management of the functions of the body during surgery of congenital heart defects under surface and deep hypothermia. G. A. Riabov. Vest. AMN SSSR 17 no. 8:34-38 '62.

Some principal problems in the surgical treatment of adhesive pericarditis [with summary in English]. N. V. Antelava. Kardiologiia 2 no. 5:13-47 S-O '62.

HEART BEAT

Determination of the time correlations during systole phases in children. A. A. Galstian. Pediatriia no. 7: 49-55 '62.

More on the heart-beat rate during sports activities. V. V. Vasil'eva. Teor. i prak. fiz. kul't. 25 no. 9 42-43 S '62.

Studying heart activity with the help of continuous recording of the heart-beat rate in swimming and diving. A. A. Arutsev. Teor. i prak. fiz. kul't. 25 no. 10:36-41 O '62.

HEART BLOCK

Functional factors in the mechanism of a block in the crus of the bundle of His [with summary in English]. P. M. Zlochevskii, F. E. Ostapiuk. Kardiologiia 2 no. 5:60-61 S-O '62.

Pregnancy and labor in women with an atrioventricular conduction disorder [with summary in English]. L. V. Vanina, M. N. Malkova, M. M. Shekhtman. Kardiologiia 2 no. 5 65-68 S-O '62.

Two cases of Morgagni-Adams-Stokes syndrome with seizures of local epilepsy. V. A. Grigor'eva. Klin. med. no. 9 141-143 '62.

HEART-ROT see Wood-Decaying fungi

HEAT—BIBLIOGRAPHY see Bibliography—Heat

HEAT—CONDUCTION

A certain stationary problem in the theory of heat conduction [with summary in English]. V. I. Dovnorovich. Inzh.-fiz. zhur. 5 no. 6:115-117 Je '62.

On the phonon theory of heat conduction. Z. I. Uritskii, IA. IA. Asadullin. Izv. vys. ucheb. zav., fiz. no. 5:89-91 '62.

Solving problems of nonsteady-state thermal conductivity of hollow cylinders by Grinberg's method (method of finite integral transformations) [with summary in English]. Sh. N. Pliat. Inzh.-fiz. zhur. 5 no. 6:81-87 Je '62.

Some exact solutions to the energy equation for a plane-parallel flow of a viscous incompressible fluid [with summary in English] I. N. Sadikov. Inzh.-fiz. zhur. 5 no. 10:3-8 O '62.

Symposium on Convective Heat Transfer in Incompressible Liquid Flow, held at Kaunas. L. T. Efpcin. Inzh.-fiz. zhur. 5 no. 10:125-129 O '62.

HEAT—PHYSIOLOGICAL EFFECT

Reactivation of some phosphomonoesterases after their denaturation by heat [with summary in English] G. P. Adunts. Vop. biokhim. 2:1 29-137 '61.

HEAT—RADIATION AND ABSORPTION

"Fundamentals of heat transfer by radiation" by A. G. Blokh. Reviewed by G. N. Dul'nev, M. A. Kaganov, I. S. Lisker. Inzh.-fiz. zhur. 5 no. 10:130-131 O '62.

Heat transfer in the vicinity of the front edge of an infinitely long cylinder inclined to the flow in a dissociated air flow. G. A. Tirskii. Izv. AN SSSR. Otd. tekh. nauk. Mekh. i mashinostr. no. 6:125-130 N-D '62.

HEAT—TRANSMISSION

Apropos of A. N. Borshchevskii's article "Heat transfer through enclosing structures." A. G. Temkin. Inzh.-fiz. zhur. 5 no. 6:118-120 Je '62.

Calculating the thermal balance in blast furnace smelting. N. G. Makhanek. Izv. vys. ucheb. zav., chern. met. 5 no. 11:30-36 '62.

Chechetkin, A. V. [High-temperature heat-transfer agents] Vysokotemperaturnye teplonositeli. Izd. 2., perer. i dop. Moskva, Gosenergoizdat, 1962. 423 p.

Criterial equation of heat transfer of liquid suspensions [with summary in English]. V. I. Kofanov. Inzh.-fiz. zhur. 5 no. 6:27-31 Je '62.

Determination of the degree of blackness using two reference standards. G. I. Tuka, G. P. Boikov. Izv. vys. ucheb. zav.; energ. 5 no. 11:88-90 N '62.

Differential equations of heat transfer in disperse flows of the "moving bed" type [with summary in English] Z. R. Gorbis. Inzh.-fiz. zhur. 5 no. 10 32-39 O '62.

Effect of the degree of underheating on the heat emission coefficient in boiling. I. IA. Ershov, A. M. Kuvaeva. Izv. vys. ucheb. zav.; energ. 5 no. 11:84-87 N '62.

Evaluating the irregularity and calculating mean temperatures under regular conditions of second type. N. A. IAryshev, G. A. Zubova. Izv. vys. ucheb. zav., prib. 5 no. 6:110-117 '62.

"Fundamentals of heat transfer by radiation" by A. G. Blokh. Reviewed by G. N. Dul'nev, M. A. Kaganov, I. S. Lisker. Inzh.-fiz. zhur. 5 no. 10:130-131 O '62.

Heat and mass transfer between a gas and single grains [with summary in English]. L. S. Slobodkin. Inzh.-fiz. zhur. 5 no. 10:26-31 O '62.

Heat and mass transfer from differently shaped bodies to stationary and pulsating air flows [with summary in English] V. F. Mironov. Inzh.-fiz. zhur. 5 no. 10:9-12 O '62.

Heat transfer between gas-liquid systems and the heat exchange element. V. N. Sokolov, A. D. Salamakhin. Zhur. prikl. khim. 35 no. 11:2570-2573 N '62.

Heat transfer calculations in construction engineering. E. S. Slobodkina. Inzh.-fiz. zhur. 5 no. 10:97-99 O '62.

Heat transfer from a fluid-bed catalyst to the surface of heat exchange. T. F. Traber and others. Zhur. prikl. khim. 35 no. 11:2386-2393 N '62.

Heat transfer in enclosing structures. I. P. Zhuk. Inzh.-fiz. zhur. 5 no. 6:121-125 Je '62.

Improvement of the technical and economic indices of the two-stroke diesel locomotive engine by means of the modification of the intensity of the scavenging vortex. IU. N. Glagolev. Trudy KHIIT no. 50:14-22 '61.

Khmeliuk, K. D., and N. N. Duzhkin. [Heat and mass exchange in the exterior elements of apartment houses] Teplomassoobmen v ograzhdaiushchikh konstruktsiiakh zhilykh zdanii. Pod red. B. N. Lobaeva. Kiev, Gosstroiizdat, 1962. 93 p.

Method of investigating the heat transfer in a diesel engine by means of an analysis of temperature variations in the combustion chamber walls. G. B. Rozenblit. Trudy KHIIT no. 46:121-132 '61.

Moscow. Energeticheskii institut. [Physical gas dynamics, heat transfer, and the thermodynamics of gases at high temperatures] Fizicheskaia gazodinamika, teploobmen i termodinamika gazov vysokikh temperatur. Moskva, Izd-vo Akad. nauk SSSR, 1962. 311 p.

Nonsteady-state temperature field and thermoelastic stresses in a plate [with summary in English]. P. I. Khristichenko. Inzh.-fiz. zhur. 5 no. 6:73-80 Je '62.

Soret coefficient in two-component solid substances. N. S. Kostiukov. Fiz. tver. tela 4 no. 11:3326-3327 N '62.

Using the method of regular conditions in studying the heat transfer of a plate in forced turbulent flow [with summary in English]. A. I. Chaplina. Inzh.-fiz. zhur. 5 no. 6:88-92 Je '62.

HEAT—TRANSMISSION—BIBLIOGRAPHY see Bibliography—Heat—Transmission

HEAT CAPACITY

Applying the law of corresponding states to the compressibility and heat capacity of liquids. N. I. Afenkov. Izv. vys. uch. zav., khim. i khim. tekh. 5 no. 4:672-674 '62.

HEAT ENGINEERING

Similarity theory and its use in heat engineering. P. F. Konakov. Inzh.-fiz. zhur. 5 no. 6:142-145 Je '62.

HEAT EXCHANGERS

Choice of surface type of the heat exchangers of low-power gas turbine systems. I. N. Alekseev, M. F. Meilikhov. Trudy TsNII MPS no. 241 83-93 '62.

Effect of uneven circulation about the gas tube plates of heat exchangers on temperature stresses originating in pipes. I. N. Alekseev. Trudy TSNII MPS no. 241 101-111 '62.

Heat transfer from a fluid-bed catalyst to the surface of heat exchange. T. G. Traber and others. Zhur. prikl. khim. 35 no. 11:2386-2393 N '62.

HEAT OF COMPRESSION

Lecture demonstration of adiabatic processes. V. A. Kozhatkin, I. A. IAkovlev. Izv. vys. ucheb. zav.; fiz. no. 5:179 '62.

HEAT OF FORMATION

Heat of UFe_2 and U_6Fe formation. M. I. Izanov, N. S. Podol'skaia. Atom. energ. 13 no. 6 572-575 D '62.

HEAT OF WETTING

Heat of wetting and sorption of water vapor by cellulose substances. A. V. Dumanskii, E. F. Nekrlach. Trudy LTA no. 91 3-10 '60.

HEAT PUMPS

The TsNIPS-20 heat pump. L. P. Ananikian. Vod. i san. tekh. no. 10:38-39 O '62.

HEAT-RESISTANT ALLOYS

"Alloys on the basis of heat resistant compounds" by G. V. Samsonov, K. I. Portnoi. Reviewed by A. I. Avgustinik. Zhur. prikl. khim. 35 no. 10:2352 O '62.

Heat-resistant foundry alloys. L. B. Getsov, N. P. Zhdanov. Lit. proizv. no. 11:0-11 N '62.

Investigating the heat-resistance of iron-manganese-chromium [in Georgian with summary in Russian] V. M. Berozhiani, S. B. IAkobashvili. Trudy Inst. met. AN Gruz. SSR 12:63-72 '62.

HEAT TREATING FURNACES see Furnaces, Heat treating

HEATHER

Rate and rhythm of the formation of vegetative bud elements in some Andromedoideae (Ericales) [with summary in English]. N. V. Shilova. Vest. LGU no. 21:23-30 '62.

HEATING

Belousov, V. V., and F. S. Mikhailov. [Principles of the design of central heating systems] Osnovy proektirovaniia sistem tsentral'nogo otopleniia. Moskva, Gosstroiizdat, 1962. 401 p.

Economic efficiency of heating and ventilation systems. L. D. Boguslavskii. Vod. i san. tekh. no. 10:1-6 O '62.

Units for drying and heating buildings. Z. Lipkovich. Stroitel' no. 9:5-7, 4 of cover S '62.

Using subterranean hot water for municipal purposes. G. Kolpakov. Arkhit. SSSR no. 7 40-41 '62.

HEATING—EQUIPMENT AND SUPPLIES

New standard for steel heaters heated by water and steam. Vod. i san. tekh. no. 10:29-30 O '62.

HEATING—ESTIMATES see subdivision under Komi A.S.S.R.

HEATING FROM CENTRAL STATIONS

Dynamic heating and cooling by using the heat of circulated water. L. M. Rozenfel'd, IU. S. Zaporozhets, V. V. Onosovskii. Gidr. stroi. 33 no. 10:26-31 O '62.

Regulation of district heating systems. IU. A. Sokolov. Energetik 10 no. 10:16-17 O '62.

Selection of mixing pumps. V. P. Vitaliev. Vod. i san. tekh. no. 11:18-21 N '62.

HEAVY ELECTRONS see Mesons

HEGEL, GEORG WILHELM FRIEDRICH, 1770-1831

Medical problems in the works of Hegel. T. A. Mikhailovskaia. Sov. zdrav. 21 no. 12:25-31 '62.

HEINE, HEINRICH, 1797-1856

Dmitriev, A. S. [Heinrich Heine; an account of his life and works] Genrikh Geine, kritiko-biograficheskii ocherk. Moskva, Gos. uchebno-pedagog. izd-vo, 1957. 110 p.
(CoU)

The drummer of a revolution; the 165th anniversary of Heinrich Heine's birth. Lev Gunzburg. Nauka i zhizn' 4 no. 12:82-84 D '62.

HELICOPTERS

If conditions should become more complicated. V. Vasil'kov. Kryl. rod. 13 no. 11:20-21 N '62.

"Operation of helicopters" by V. T. Bolilakov, N. M. Bliumin, V. V. Filippov. Reviewed by N. Noskovich. Kryl. rod. 13 no. 11:30 N '62.

Control of the onset of oogenic activity of nematodes of the family Ancylostomidae. N. G. Borovnik, I. V. Bogolepova, N. M. Ivashkin, Zhur. obshch. biol. 23 no. 5 1962 [illegible]

HELMINTHOLOGICAL RESEARCH
Helminthological method in experimental helminthology. I. I. Sapeta. A. A. Mogovol, N. I. Shatdinga. Trud. vsesoiuz. inst. vet. 36:365-368, 1962.

HELMINTHOLOGY
(see also subdivision under Bulgaria, Rumania)
Helminths of the moth G. Tabachnik. Opendk 40 no. 30 4-5 s. 1962

HELMINTHOLOGY BIBLIOGRAPHY see Bibliography - Helminthology

HEPATIC LIPOSIS
Dynamics of diaphragmal hepatic cholangiocarcinoma in the course of its development. I. B. Gusarova. Biul. eksp. biol. i med. 47 no. 10, 1959 1962 43 1962

HEMINGWAY, ERNEST, 1898 1961
Two letters written by Hemingway. I. Lashkin. Vop. lit. 6 no. 10 1962 181 O 1962

HEMIPTERA see subdivision under Tuva A.S.S.R.

HEMOGLOBIN
Content of hemoglobin and erythrocytes in the blood of children in Novosibirsk kindergartens [with summary in English]. V. A. Baksalina, D. I. Kagramanlik, A. P. [illegible]. Pediatriia no. 7, 14 17 1962.

HEMOGLOBIN CHEMISTRY
Effect of cobalt and copper on the quantitative relation of globin and hematin in the blood of white rats. A. A. Abramov. Med. zhur. Uzb. no. 3, 54-57 Mr 1961.

HEMOLYSIN AND HEMOLYSINS
Reaction of hemagglutination and hemolysis in animals with clinical symptoms of tuberculosis. N. V. Donskoy. Veterinariia, Moskva 5 no. 11, 101 103 N 1962.

HEMOLYTIC ANEMIA
Classification of hemolytic anemias. [illegible] Probl. gematol. i perel. krovi no. 11, 14-16 1962.

HEMOPHILIA
Laboratory differentiation of hemorrhagic states [with summary in English]. N. A. Mesantseva, I. V. Lavrova, Klin. med. 40 no. 10, 48-104 O 1962.
Nervous system disorders in various forms of hemophilia. V. I. Volova. Klin. med. no. 8, 113-114 1962.

HEMOPOIETIC SYSTEM
Effect of the flight in the second spaceship on changes in the hemopoietic organs of animals [with summary in English]. M. A. Aizenberg and others. Probl. kosm. biol. 1 1-20 240 1962.
Supplement, a discussion of the article by M. M. Dobin, Vestn. AMN SSSR, O. Orlanov, "The influence of the spleen on hematopoiesis." I. A. Ankhim-i. Probl. gematol. i perel. krovi no. 9, 54 57 1962.

HEMOPOIETIC SYSTEM DISEASES
[Multivolume manual on internal diseases] Rukovodstvo po vnutrennim bolezniam. Otv. red. A. I. Mironikov. Moskva, Medgiz.
Vol. 6. [Diseases of the blood system and hemopoietic organs] Bolezni sistemy krovi i krovetvornykh organov. Red. toma A. A. Bagdasarov. 1962. 700 p.
(ONLM)

HEMORRHAGE
Abuzin, S. A. [Higher nervous activity in blood transfusion shock and blood loss] Vysshaia nervnaia deiatel'nost' pri gemotransfuzionnom shoke i krovopoterе. Erevan, Izd-vo Erevanskogo univ., 1961.
124 p.
(ONLM)

HEMORRHAGIC SEPTICEMIA OF CATTLE
Immunology in the acute course of pasteurellosis of cattle. I. I. Meveraimo. Izv. AN Arm. SSR, Biol. nauki 15 no. 11, 79-84 N 1962.

HEMP DISEASES AND PESTS
Biological method for controlling the hemp Pyrausta nubilalis in hemp. V. P. Tkalich. Zashch. rast. ot vred. i bol. 6 no. 9, 31-35 Ag 1961.

HEPARIN
Case of recovery from an embolism of the central artery of the retina through the use of heparin. A. M. Kuznetsov, M. P. Poletayeva. Klin. med. 40 no. 10, 120-124 O 1962.
Extracorporeal infusion method and blood coagulation control during hemodialysis using the "artificial kidney" apparatus [with summary in English]. Khirurgiia 38 no. 10, 51-58 O 1962.

HEPTANE
Adsorption of thiophene in heptane from solutions by silica gel, aluminum oxide, and by the molecular sieves 5A and 13X. A. V. Kiselev, V. N. Semenova, M. A. Pitkevich. Kin. i kat. 3 no. 6, 937-941 N-D 1962.

Action of dauglon and its sodium salt on the experimental blood circulation in hypertension. V. A. Kosmodemianskii, G. I. Chapidze. Klin. med. no. 9, 106-111 S 1962.

HEXOSE
Diphosphate obtained in the carbon-14 labeling of D-hexose 1,6-diphosphate. N. N. Shvetsova, G. V. Davydova. Izv. AN SSSR, Otd. khim. nauk no. 11, 1958 2011 N 1962.

HIBERNATION, ARTIFICIAL see Artificial hibernation

HIDES AND SKINS
Drying of hides and skins in a vacuum apparatus. P. Lenpert, O. Borova. Mias. ind. SSSR 33 no. 5, 11 13 1962.
Improved processing of fur and garment sheep pelts. I. Papp. Mias. ind. SSSR 33 no. 5, 39 41 1962.
New methods of preservation of fur and garment sheep pelts and mechanization of their processing. G. Burigina and others. Mias. ind. SSSR 33 no. 5, 15 21 1962.
Reorganization of raw leather shops. V. Ostipovich, P. Filippov. Mias. ind. SSSR 33 no. 5, 24 26 1962.
The two-layer method of fleshing is not recommended. P. Volnova. Mias. ind. SSSR 33 no. 5, 11 14 1962.
We achieved savings of animal and simplification of raw leather sorting procedures. M. Sachkov, I. Filipov. Mias. ind. SSSR 33 no. 5, 31 1962.

HIDES AND SKINS PRESERVATION
Conservation of raw leather in suspended drums with periodical action. V. Barsukova. Mias. ind. SSSR 33 no. 5, 26 28 1962.
Efficiency of the brining method of raw leather preservation. N. Chapaikin. Mias. ind. SSSR 33 no. 5, 29 30 1962.
Intensification and mechanization of the operations for the preservation of raw leather. P. Gorevoi, P. Gurevoi. Mias. ind. SSSR 33 no. 5, 16 19 1962.

HIDES AND SKINS STANDARDS
Setting of standards for the acceptance test of dry cured hides. G. S. Agafonova, M. S. Lukomburg, V. I. Meshkiev, Nauch. issl. trudy VNIIKP no. 12, 16-22 1960.

HIGH PRESSURE RESEARCH
Change in the electric properties of I-hite and PbS under pressure. A. A. Averkin, [illegible] Solnov, I. D. Nemenberg [illegible], Tver. gos. ped. in-t, Uch. zap. 4 no. 12, 1961 (1962) 11 15 1962.
Estimation of the electron transition in barium under pressure. I. S. Alekseev, [illegible] Tver. gos. ped. in-t, Uch. zap. 4 no. 12, 1961 (1962) 17 20 1962.
Intermolecular properties of triglycine sulfate at high hydrostatic pressures. I. S. Zheludev, N. A. Pikhtina, [illegible] Tova, V. M. Fridkin. Kristallografiia 7 no. 5, 705 707 S-O 1962.
Radomskaia, I. L. [When atoms are close packed] Kogda atomam tesno. Moskva, Izd-vo "Znanie," 1962. 30 p. (Narodnyi universitet kul'tury. Universitet estestvoznaniia, no. 13)

HIGHER EDUCATION see Education, Higher

HIGHWAY RESEARCH
Results of the activity of an experimental station during two years. I. A. Pleshanova, Avt. dor. 25 no. 11, 10-12 N 1962.

HIGHWAY TRANSPORT WORKERS
(see also subdivision under Volgograd)
Dispatchers improve their qualification. A. Kuklashkov. Avt. transp. 40 no. 11, 17-18 N 1962.
Our practice in training specialists. I. Kovaleva. Avt. transp. 40 no. 11, 18 N 1962.
Simplified accounting of drivers' wages. V. Dzigan, A. Fedorov. Avt. transp. 40 no. 12, 29-31 D 1962.

HIP JOINT - TUBERCULOSIS
Method for the resection of the hip joint in tuberculous coxitis [with summary in French]. M. S. Ravinskii. Probl. tub. no. 7, 88 90 1962.

HISTAMINE
Effect of histamine on the neurosecretory activity of the hypothalamic-neurohypophyseal system [with summary in English]. A. A. Glebov. Vop. biokhim. 2, 47 51 1961.

HISTAMINE - TOXICOLOGY
Characterization of the action of diplacin in anaphylactic and histamine shock. I. N. Rakhmatullin. Vest. AMN SSSR 17 no. 8, 50-57 1962.

HISTORICAL FICTION
Lavretskaia, V. I. [Works by A. S. Pushkin on themes from Russian history] Proizvedeniia A. S. Pushkina na temy russkoi istorii, posobie dlia uchitelei. Moskva, Uchpedgiz, 1962. 101 p.

HISTORICAL MATERIALISM see Dialectical materialism

HISTORICAL MUSEUMS see subdivision under Kiev

HISTORIC BUILDINGS see subdivision under Kiev

HISTORIC MONUMENTS see subdivision under Kiev

HISTORY
Historical science in the struggle for the people's democracy. Istoricheskaia nauka v bor'be za narodnuiu demokratiiu. Moskva, Izd-vo Akademii nauk SSSR, 1949. 1 v.
(ONLM)

HISTORY, ANCIENT
Ancient history. Drevniaia istoriia. Moskva, Izd-vo Akademii nauk SSSR, 1962. 1 v.
(ONLM)

HISTORY, MEDIEVAL
Medieval history. Istoriia srednikh vekov. Moskva, Izd-vo Akademii nauk SSSR, 1962. 1 v.
(ONLM)

HISTORY, MODERN
Modern history. Novaia istoriia. Moskva, Izd-vo Akademii nauk SSSR, 1962. 1 v.
(ONLM)

HISTORY OF MEDICINE
Bibliography of the history of medicine in the USSR for 1956. Bibliografiia istorii meditsiny v SSSR za 1956 g. Moskva, Medgiz, 1962. 1 v.
(ONLM)

HISTORY OF MEDICINE - BIBLIOGRAPHY
Bibliography of the history of medicine in the USSR for 1957. Bibliografiia istorii meditsiny v SSSR za 1957 g. Moskva, Medgiz, 1962. 1 v.
(ONLM)

HISTORY OF MEDICINE - BIBLIOGRAPHY
Bibliography of the history of medicine in the USSR for 1958. Bibliografiia istorii meditsiny v SSSR za 1958 g. Moskva, Medgiz, 1962. 1 v.
(ONLM)

HISTORY OF MEDICINE - BIBLIOGRAPHY
Bibliography of the history of medicine in the USSR for

HISTORICAL RESEARCH
(see also subdivision under Great Britain, Rostov-on-Don, Ukraine)
Social sciences and the building of communism [with summary in English, p.219]. Vop.ist. no.11,3-8 N '62.

HISTORICAL SOCIETIES see subdivision under Zmiyev

HISTORY
Brief notes. Vop.ist. no.11:207-208 N '62.
Brief notes Vop ist no 12 191-193 D '62

HISTORY—BIBLIOGRAPHY see Bibliography—History

HISTORY—PHILOSOPHY
Achievements of English Marxist historiography A L. Aleksandrov Vop ist no 12 172-173 D '62
Characteristics of the reflection of reality in historical studies [with summary in English, p 207] G M. Ivanov Vop ist no 12 18-35 D '62
English Marxist historians have discussed the problem concerning the division of history into successive periods. N.A.Erofeev. Vop ist. no 11 204-207 N '62.
Problem of the particular and its role in historical science. E.E. Pechuro. Vop.ist. no 11:193-194 N '62.
"Problems of historical materialism" [in Uzbek]. Reviewed by M. M. Akhmedov, N. M Muratov, Kh Kh Gizitdinov Vop. filos. 16 no 12:174 '62.

HISTORY—STUDY AND TEACHING
"The development of historical studies in Soviet schools" by L. P. Bushchik. Reviewed by M M. Lysenko. Ukr ist. zhur 6 no. 6:120-123 N-D '62.
Historical research and the education of future history teachers should contribute to the solution of problems concerning the building of communism. B. Ponomarev. Kommunist 39 no. 1 10-35 Ja '63.
How our pedagogical institutes have organized the practical study of methods used in the teaching of history P. F. Laptin. Ukr. ist. zhur. 6 no. 6 86-88 N-D '62.

HLIBOV, LEONID IVANOVYCH, 1827-1893
Expressive reading of L. Hlibov's fables in elementary school. L.I Krups'ka Ukr mova v shkoli 12 no. 6 69-74 N-D '62.

HODGKIN'S DISEASE
Clinical use of aurantin on malignant neoplasms [with summary in English]. S S Akop'iants Antibiotiki 7 no 9 832-836 S '62.

HOISTING MACHINERY
Assembly and installation of the support of the conical cable dumper. A. V. Palatiuk. Shakht. stroi. 6 no. 11: 25-26 N '62.
Gotoshiia, V. S. [Design of hoisting machinery. Proektirovanie gruzopod"emnykh mashin Tbilisi, Izd-vo Gruzinskogo politekhn. in-ta im. V. I. Lenina, in Georgian]
Pt 1 [Fundamental design data Osnovnye raschetnye dannye.] 1961. 45 p diagrs.
Pt. 2. [Album of construction drawings] Al'bom konstruktivnykh chertezhei [By] V. S. Gotoshiia, Sh. V. Sarishvili. 1961. 1 v. diagrs.
New assembly equipment with a hinged boom. S. R. Abragam Mekh. stroi 19 no. 10 12-14 O '62.
Semiautomatic stop for a clamp. A S. Gantsevich Mekh. stroi 19 no 10 24 O '62
Universal cross piece with clamps for assembly work. P. M. Makhnia Mekh stroi 19 no. 10:23-24 O '62
Vasil'ev, M. V., B. V. Fadeev, and V. S Khokhriakov. [Incline hoists in open-cut mining] Naklonnye pod"emniki na kar'erakh. Moskva, Gosgortekhizdat, 1962. 150 p.

HOISTING MACHINERY—ABSTRACTS
[Hoisting and conveying machinery and structures] Ref. zhur. Otd vyp. 39: Pod -transp. mash. i soor. no. 24 D '62 .

HOISTING MACHINERY—SAFETY REGULATIONS
Piterskov, N. I. [Safety regulations for fitter and assembler of hoisting and conveying machinery] Pamiatka po tekhnike bezopasnosti dlia slesaria-montazhnika pod"emno-transportnykh mashin. Moskva, Gosstroiizdat, 1962, 34 p. (Tekhnika bezopasnosti v promyshlennosti stroitel'nykh materialov)

HOLIDAYS
"The truth about Christian holidays" by N. F. Demi'ianenko. Reviewed by I. Khropko Volov. ateist no. 8: 63-64 Ag '62.

HOLLAND see Netherlands

HOLLANDER, DAVID BERNARD, 1913-
Answer to an honorable rabbi. N. Gotlib, B. Zak. Nauka i rel. 4 no. 12:28-30 D '62.

HOME ACCIDENTS—PREVENTION
Control of home injuries. G. D. Rudenko, T. K. Grakova, Zdrav. Ros. Feder. 6 no. 11:24-26 N '62.

HOME AND SCHOOL
Let's vary the forms of pedagogical propaganda. K. Pendrikova. Doshk vosp. 35 no 12,78-79 D '62.
Liatetskaia, M. F. [How to help children to study well] Kak pomogat' detiam khorosho uchit'sia. Minsk, Gos. uchebno-pedagog. izd-vo M-va prosv. BSSR, 1962. 34 p. (Roditeliam o detiakh)
Mobile life entered the family. G. Kozyreva. Doshk. vosp. 35 no. 12:79 D '62.
Parents are our assistants. A. Tikhomolova. Doshk. vosp. 35 no. 12 74-75 D '62.
Strengthening our contact with parents. I. V. Levkov. Rad. shk. 41 no. 9:48-49 S '62.
We train them together. M. Skei. Doshk. vosp. 35 no. 12:75-78 D '62.

HOMICIDE
"Homicide according to Soviet criminal law" by N. I. Zagorodnikov Reviewed by IU. Tkachevskii Sov iust no 11 27 Je '62.

HOMOLOGY THEORY
Groups of uniform homologies. E. S. Tikhomirova. Izv. AN SSSR. Ser. mat. 26 no 6 865-876 N-D '62

HOPE—BIBLICAL TEACHING
Hope. Nauka i rel. 4 no. 12:76-77 D '62.

HOPS—DISEASES AND PESTS see subdivision under Gorno-Altai Autonomous Province; Zhitomir Province

HORNASTAI, IVASHKA, d. 1558
Budz'ka, Chaslaw. [Book about Ivashka Hornastai] Knizhka ab Ivashku Harnastaiu. [Chicago] Vol. 1. 1955. (NN)

HOROSCOPE see Astrology

HORSEFLIES see subdivision under Karelia

HORSES—PARASITES see Parasites—Horses

HOSE
Design for strength of pressure hose reinforced with outer stiff elements V I Treshchalov, V A Lepetov Kauch i rez 21 no 11 27-33 N '62

HOSIERY INDUSTRY see subdivision under Feodosiya

HOSPITALS see subdivision under Forecariah, Guinea, Moscow

HOSPITALS—PERSONNEL MANAGEMENT
Our experience in training personnel under the conditions in a municipal hospital. N. M. Kaverin. Zdrav. Ros. Feder. 6 no. 11.22-24 N '62.

HOSPITALS—STAFF
High level of medical services in a hospital G Prikhod'ko Okhr truda i sots strakh 5 no 11:8-9 N '62

HOSPITALS, INSANE see Psychiatric hospitals

HOST ANIMALS see subdivision under Gongylonema

HOT-WATER HEATING
The problem of water temperatures in heating systems for multistory buildings. A N. Skanavi, L. M. Mikhailov Ved i san. tekh. no. 11 11-15 N '62.

HOT-WATER SUPPLY
Using subterranean hot water for municipal purposes. G. Kolpakov. Arkhit. SSSR no. 7 40-41 '62.

HOTBEDS
Cultivation of tobacco seedlings in hotbeds covered with a polyamide film. I D. Ivanova, Shor. nauch.-issl. rab. VITIM no. 152.123-130 '61.

HOTELS, TAVERNS, ETC.
(see also subdivision under Leningrad)
Hotel matters Zhil.-kom. khoz. 12 no. 6:33-34 Je '62.

HOURS OF LABOR
Classification of the expenditure of working time and the composition of technical time norms in the fish processing plants. I. M. Loseva. Trudy Kal. tekh. inst. ryb. prom. i khoz. 12:65-75 '61.
Etinger, V. M. [The workday and communism] Rabochii den' i kommunizm. Moskva, Izd-vo "Znanie," 1962. 37 p. (Novoe v zhizni, nauke, tekhnike. III Seriia: Ekonomika, no. 23)
Mufsinov, G. V. [The seven-hour workday and new wage conditions in the U. S. S. R. industry] Semichasovoi rabochii den' i novye usloviia oplaty truda v promyshlennosti SSSR. Moskva, Gosiurizdat, 1962. 92 p. (Iuridicheskie konsul'tatsii dlia naselenia v voprosakh i otvetakh)

HOUSE DRAINAGE see Drainage, House

HOUSE PLANTS
Wintertime care for house plants. P. Liaudanskaia. Belarus' 19 no. 12:26 D '62.

HOUSEHOLD APPLIANCES, ELECTRIC
Automatic fruitcutter. I. Ivydokymenko. Znan'ia pratsia no. 8 31 Ag '62.

HOUSING see subdivision under Moscow

HOUSING—LAW AND LEGISLATION
Alekseev, T. D. [Special housing benefits for some groups of Soviet citizens] Zhilishchnye l'goty otdel'nym gruppam sovetskikh grazhdan v SSSR. Moskva, Gosiurizdat, 1962. 66 p. (Lekcii po sovetskomu zakonodatel'stvu)
Brief interpretation. Sov. deput. trud no. 11:64-65 N '62.
Legal regulation of housing relations. M. S. Vasil'ev, M. G. Gurevich. Sov. gos i pravo 32 no 12:141-144 D '62.
Practice in the trial of housing disputes G Bobrov, A. Pashkevskii. Sov. iust no 23 4-5 D '62

HOUSING MANAGEMENT
Readers report, advise, and offer help. Zhil. kom. khoz. 12 no 6:26-27 Je '62
What to do with the ownerless or neglected buildings? Sov. deput. trud. no. 11:91-92 N '62

HOUSING MANAGEMENT—ACCOUNTING
[Problems on the methodology for planned calculation and analysis of administrative operations in housing and services] Sbornik zadach po metodike planovykh raschetov i analizu khoziaistvennoi deiatel'nosti kommunal'nom khoziaistvo. [By] A. I. Ainbinder i dr. Moskva, Izd-vo M-va kommun. khoz. RSFSR, 1962. 233 p.

HRABOVSKYI, LEONYD
Courageously and original. H. Holovyns'kyi 26 no. 10 36-38 O '62

HUBARENKO, V.
Initial finds. T. Krasnopol'skaia. Sov. muz 26 no 10 39-42 O '62.

HULAK-ARTEMOVS'KYI, SEMEN STEPANOVYCH, 1813-1873
"S. S. Hulak-Artemovs'kyi" by L. Kaufman Reviewed by V. Timofeev. Sov. muz 26 no. 10 135 140 O '62

HULLS (NAVAL ARCHITECTURE)
Improvement of working conditions in wheel and bath houses. V. Aleksandrov Mor. flot 22 no 9 33 34 S '62
Testing of a plastic dock house on the motorship "Raketa." A. P. Kalmychkov, B. F. Prokhorov Sudostroenie 28 no. 11,58-63 N '62.
Work of the "Ship Hull Design" section of the Gorkii Technological Society of shipbuilding M N. Sudostroenie 28 no 11 60 N '62

HULLS (NAVAL ARCHITECTURE)—CORROSION
Improving the corrosion protection of ballast tanks V A. Orlov, N. P. Miagkov Sudostroenie 28 no 11 53-55 N '62.

HUMAN EMBRYOLOGY see Embryology, Human

HUMANISM
Humanists and contemporary literature. Vop lit 5 no. 11 3-10 '62.

HUMANITIES
Development of the humanities under the conditions of extensive build-up of communism, resolution adopted by the General Meeting of the Academy of Sciences of the U.S.S.R. Vest. AN SSSR 32 no 12 72-73 D '62.

HUMANITIES—CONGRESSES
Ob"edinennaia nauchnaia konferentsiia uchenykh g. Samarkanda, 3d, Samarkand, 1961. [Materials of the Joint Conference of Scientists and Scholars of Samarkand; Series in the Humanities and Natural Sciences] Materialy: Seriia gumanitarnykh i estestvennykh nauk [Glav. red. A. T Tutagunov] Samarkand, Izd-vo Samarkandskogo univ., 1961. 306 p. [In Russian and Uzbek]
(MH)

HUMIC ACIDS
Properties of water humus fractions. M. A. Shchegolev, G. B. Barashenkov, R. S. Kastianchuk Ukr. khim. zhur. 28 no. 7,879-883 '62

HUMUS
Testing various amounts of organic fertilizers for patchouli. L. N. Ladarina. Trudy Sukh. opyt. sta. efiromas. kul't. no. 3/4:82-86 '61.

HUNGARY—COMMUNIST PARTY—CONGRESSES
Invested with the confidence of the people. Vseng. partiia trud. Part. zhizn' no. 24:55-61 D '62.

HUNGARY—COST AND STANDARDS OF LIVING
The West "discovers" Hungary. Anna Hebritz. Nov. vrem. 20 no. 52:19-20 D '62

HUNGARY—ECONOMIC CONDITIONS

Second interbranch balance of the national economy of the Hungarian People's Republic Z Kenesei Vest stat no 11 45-48 '62

HUNGARY—ECONOMIC POLICY

Invested with the confidence of the people. Z. Demysheva. Part. zhizn' no. 24:55-61 D '62.

HUNGARY—ECONOMICS

Magyar Tudományos Akademia, Budapest. Közgazdaságtudományi Intézet. [The 22d Congress of the Communist Party of the Soviet Union and Hungarian economics] XXII s"ezd Kommunisticheskoi partii Sovetskogo Soiuza i Vengerskaia ekonomicheskaia nauka. Budapest, 1962. 136 p.

HUNGARY—INDUSTRIAL MANAGEMENT

Eliminating the idle time of plants during nonworking days and introducing continuous production in the Hungarian People's Republic. H Bebesgi Biul nauch inform. i trud i zar. plata 5 no. 11:36-41 '62.

HUNGARY—MINE TIMBERING

Temporary stock supports for horizontal workings. I. V. Braun. Shakht. stroi. 6 no. 11:30-31 N '62.

HUNGARY—POLITICS AND GOVERNMENT

Thousands of skillful hands. Rezso Periay. Sov. deput. trud. no. 11:105-100 N '62.

HUNGARY—REVOLUTION, 1956

History of an infamous treason. M. Odyneta'. Voiov. ateist no 7:56-60 Jl '62.

HUNGARY—ROAD CONSTRUCTION

Road construction and automotive transportation in the Hungarian People's Republic. B. Vasharkhei. Avt. dor. 25 no 11 26-29 N '62

HUNGARY—SHIPBUILDING

Shipbuilding in the Hungarian People's Republic. V. Lakhanin. Rech. transp. 21 no. 12:50-51 D '62.

HUNGARY—SOCIALIST PARTY

"Organization and the early history of the Hungarian Social Democratic Party, 1890-1890" [in Hungarian] by E. Vincze. Reviewed by T. M. Islamov Vop. ist no 12:159-160 D '62

HUNGARY—STATISTICS

Second interbranch balance of the national economy of the Hungarian People's Republic. Z. Kenesei Vest stat no. 11,45-48 '62

HUNGARY—TRANSPORTATION, AUTOMOTIVE

Road construction and automotive transportation in the Hungarian People's Republic B. Vasharkhei. Avt dor. 25 no. 11,26-29 N '62.

HUNTING see subdivision under Crimea; Siberia

HUNTING—ANECDOTES, FACETIAE, SATIRE, ETC.

Where there is a will there is a way. N. Golubov. Ogonek 40 no. 39:30-31 S '62.

HYALURONIDASE

Effect of insulin and γ-aminobutyric acid on the action of hyaluronidase [with summary in English]. IU. M. Demin. *Vop. biokhim.* 2:115-127 '61.

Treatment of trachoma with etazol and ronidase D A. Abduraimov Med. zhur Uzb no 3:69-71 Mr '62

HYBRID CORN

(see also subdivision under Krasnodar Territory)

Cytochemical studies on the development of pollen grains in corn plants with the Texan and Moldavian types of cytoplasmic male sterility. G. K. Alimova. Bot. zhur 47 no. 10:1522-1527 O '62.

HYDATIDS

Echinococcosis in forensic medicine. D. Teodorescu. Khirurgiia 38 no. 10:100-103 O '62.

HYDRACRYLIC ACID

Sterilization of nutrient media using β-propiolactone. A. G. Bazhinov and others. Lab. delo 8 no. 5:46-49 My '62.

HYDRATES

Physicochemical studies of some crystalline hydrates. L. G. Berg. M. T. Safbova. Uzb. khim. zhur. 6 no. 5: 54-60 '62.

HYDRATION

Average coordination numbers of ions in aqueous solutions as a measure of near hydration. V. I. Tikhomirov. Zhur. strukt. khim. 3 no. 6:662-664 '62.

Decrease of mercury losses in the liquid phase hydration of acetylene. D. V. Sokol'skii. Sh. Kh. Nurgozhaeva. Trudy Inst. khim. nauk AN Kazakh SSR 6:163-168 '62.

HYDRAULIC CONTROL

An approach of constant speed regulation in control systems with hydraulic servomotors E. M. Siuzinova. Trudy TSNII MPS no. 241 94-103 '62.

Calculating static characteristics of a single-coordinate hydrocopying system in case of a variable inlet pressure I. A. Nemirovskii Izv. vys. ucheb. zav., mashinostr no 8 67-72 '62

Investigating dynamic errors of hydraulic servosystems with valves used in machine tools. Liu N'eng-hung. A. S. Azarov. Trudy LPI no. 219:44-56 '62.

HYDRAULIC CONTROL—CONGRESSES

Conference on hydraulic and pneumatic control. A. I. Semikova. Avtom. i telem. 23 no. 12:1720-1723 D '62.

HYDRAULIC CONVEYING

Use of hydraulic lifts for rock haulage in mines. D. A. Levitskii. N. S. Bolotskikh Ugol' Ukr. 6 no. 11:15-17 N '62.

HYDRAULIC ENGINEERING

Chemical soil stabilization in the practice of hydraulic engineering IU. S Vernikovskii. Gidr. i mel 14 no 11 57-60 N '62

Foreign water power engineers at the Tiflis Construction and Water Power Engineering Research Institute N S Godziev. Gidr. stroi 33 no 10 58-59 O '62

From the pages of foreign magazines. Gidr stroi 33 no. 10 51-54 O '62

In a leading sector. Rech. transp. 21 no. 12:39 D '62.

More attention to riverside engineering and building. B. Egorov. Rech. transp. 21 no. 12:33-35 D '62.

HYDRAULIC ENGINEERING—BIBLIOGRAPHY see Bibliography—Hydraulic engineering

HYDRAULIC ENGINEERING—ELECTROMECHANICAL ANALOGIES

Use of varistors in mathematical simulation of hydraulic networks. N. U. Koida. V. A. Galaganov Elektrichestvo no. 12:68-70 D '62.

HYDRAULIC JACKS

A hydraulic lift. A. Shapovalov. Tekh v sel'khoz. 22 no. 10:76-77 O '62

HYDRAULIC MACHINERY

Faleandier, J. [Hydraulic machinery. Translated from the French] Gidravlicheskie mekhanizmy. Moskva, Gos. izd-vo obor. promyshl., 1960. 190 p. (CLU)

HYDRAULIC MINING

(see also subdivision under Donets Basin)

Calculating the quantity of air needed during hydraulic coal mining. A. A. Miasnikov. Bezop. truda v prom. 6 no. 12:17-19 D '62.

Investigating the aerodynamic resistance of workings in hydraulic mines. A. A. Miasnikov. I. O. Chervlak. IU. B. Borisnin. Ugol' Ukr. 6 no. 11:25-26 N '62.

HYDRAULIC MINING—BY-PRODUCTS

Gorshkov, V. S., and V. S. Svotlov. [Simultaneous recovery of rare metal minerals in using the hydromechanical method to work loose rocks] Poputnoe poluchenie redkometal'nykh mineralov pri razrabotke rykhlykh gornykh porod sposobom gidromekhanizatsii. Moskva, Gosgeoltekhizdat, 1962. 57 p.

HYDRAULIC MINING—EQUIPMENT AND SUPPLIES

Okhrimenko, V. A. [Operator of hydraulic giants in coal mines and pits] Gidromonitorshchik na ugol'nykh shakhtakh i kar'erakh. Moskva, Gosgortekhizdat, 1962. 203 p.

HYDRAULIC MODELS

Modeling of unsteady dust-laden flows [with summary in English]. N. N. Shipkov. Inzh.-fiz. zhur. 5 no. 8 *102-107 Je '62.*

Use of varistors in mathematical simulation of hydraulic networks. N. U. Koida. V. A. Galaganov. Elektrichestvo no. 12:68-70 D '62.

HYDRAULIC PRESSES

Automatic control of a 315-ton hydraulic press. V. IA. Vinokurov. Kuz.-shtam. proizv. 4 no. 10:43 O '62.

HYDRAULIC PRESSES—TESTING

Power and speed characteristics of operating conditions of hydraulic presses. N. S. Dobrinskii. Sbor. MOSSTANKIN no. 6:139-152 '62.

HYDRAULIC STRUCTURES

Application of a semi-inverse method in solving problems concerning percolation under hydraulic structures [with summary in English]. S. I. Gheorghitza. Ukr. mat zhur. 14 no 4.362-365 '62.

Grishin, M. M. [Hydraulic structures] Gidrotekhnicheskie sooruzheniia. Moskva, Gosstroiizdat, 1962. 763 p.

HYDRAULIC TURBINES

Problem concerning the use of Bauersfeld's method for profiling the rotor wheel vanes of a Francis-type hydraulic turbine. V. V. Barlit. Izv. vys. ucheb. zav. ; energ. 5 no. 11:113-120 N '62.

HYDRAULIC TURBINES—BLADES

Determining the pressure on blades of an axial-flow hydraulic turbine. G. A. Svinarev. G. F. Vavilova. Sbor. trud. Lab gidr. mash. AN URSR no 10:111-121 '62.

HYDRAULIC TURBINES—DESIGN AND CONSTRUCTION

Using Academician G F Proskura's method in designing high-pressure axial-flow hydraulic turbines G A. Svinarev Sbor. trud Lab. gidr mash AN URSR no 10 85-110 '62

HYDRAULIC TURBINES—TESTING

Investigating the stressed state of large annular parts of hydraulic turbines. B M Lysenko Sbor trud Lab gidr mash AN URSR no 10 58-62 '62.

HYDRAULICS—GRAPHIC METHODS

Solution of some hydraulic problems obeying an exponential law. N. A. Gukasov. A. M. Pirverdian. Izv. AN Azerb. SSR Ser. geol.-geog. nauk i nefti no. 3:111-117 '62.

HYDRAZINE

Hydrazine catalyzed reduction K. K. Dzhardamalieva Trudy Inst khim nauk AN kazakh SSR 8.150-156 '62.

Kinetics of oxidation of hydrazine by nitric acid in an aqueous solution. V. S. Koltunov. V. A. Nikol'skii. IU. P Agureev. Kin. i kat. 3 no. 6:877-881 N-D '62.

Superfine structure of electron paramagnetic resonance spectra of α,α-diphenyl-β-triphenylmethylhydrazyl and its derivatives. M. A. Ikina and others. Dokl. AN SSSR 147 no. 3:616-621 N '62.

Use of hydrazine to improve steam boiler operating conditions. V. Nizhnikov. Mor. flot 22 no. 12:35-36 D '62.

HYDROBIOLOGICAL RESEARCH

Hydrobiological methods for studying the productivity of ponds. G. G. Vinberg. V. P. Liakhnovich. Trudy sov. ikht. kom. no. 14:24-29 '62.

HYDROBROMIC ACID

Sterically hindered phenols. Report No. 9: Effect of acid reagents on bromoquinone compounds. V V. Ershov. A. A. Volod'kin. Izv. AN SSSR. Otd. khim nauk no. 11: 2026-2031 N '62.

Theory of nucleophilic additions. Part 9: Addition of hydrogen bromide to acetylenedicarboxylic ester by active reagents from lithium bromide solutions in acetic acid. G F. Dvorko. E. A Shilov Ukr khim zhur 28 no. 9 1073-1079 '62

HYDROCARBONS

Aromatic and six-membered naphtene hydrocarbons contained in the fraction boiling between 59-150° from the Maikop condensate. IA. D. Savvina. L. D. Shuklina Trudy VNIIGAZ no. 17:279-284 '62.

Broadening of the scattering line in alcohols and affine homologous series and its relation to the scattering of electromagnetic waves [with summary in English]. M. F. Vuks. I. A. Cherniavskaia. Vest. LGU 17 no. 22: 45-51 '62.

Effect of pressure and temperature on the solubility in the gas of hydrocarbons forming condensates. IA. D. Savvina. Trudy VNIIGAZ no 17 209-214 '62.

Effect of the structure of hydrocarbons on their behavior in binary systems with methane. IA. D. Savvina. A. S. Velikovskii. Trudy VNIIGAZ no. 17:163-184 '62.

Experimental importance of the constants of equilibrium in hydrocarbons in some binary mixtures. IA. D. Savvina Trudy VNIIGAZ no. 17:185-196 '62.

Extraction of aromatic hydrocarbons with aqueous pyridine from intermediate petroleum fractions and catalytic gas oils. G. F. Pal'chikov and others Khim. i tekh topl i masel 7 no 11 19-25 N '62.

Graduation of apparatus for the study of phase equilibria of liquid-gas hydrocarbon systems. G. S. Stepanova. Trudy VNIIGAZ no. 17:253-258 '62.

Method of determining the critical temperature and critical pressure of multicomponent hydrocarbon mixtures G. S. Stepanova. Trudy VNIIGAZ no. 17:215-231 '62.

Negative volume of less volatile components in the mixtures of methane with various hydrocarbons. A. S. Velikovskii. G. S. Stepanova. Trudy VNIIGAZ no. 17: 232-252 '62.

Phase equilibria in triple hydrocarbon systems. IA. D. Savvina. A. S. Velikovskii. Trudy VNIIGAZ no. 17: 197-202 '62.

Pyrolysis of some hydrocarbons in the presence of copper. A. F. Dobrianskii. M. M Visnevskaia. Zhur. prikl. khim. 35 no. 11:2472-2477 N '62.

Separation of mixtures of the higher alcohols and hydrocarbons by the extraction method. V. B. Kogan. T. S. Tolstova. Zhur. prikl. khim. 35 no. 10:2333-2335 O '62.

Simultaneous introduction of iodine and nitro groups into aromatic hydrocarbons of the polyphenyl series. A. N Novikov. T. A. Khalimova. Zhur. VKHO 7 no 6.698 '62.

HYDROCARBONS—CLASSIFICATION

Classification of accumulations of hydrocarbons according to the phase state and the relationship of the volumes of gas and liquid phases in the formation A. N. Mustafinov. Geol. nefti i gaza 6 no. 12:47-50 D '62.

HYDROCHLORIC ACID

Electrochemical solution of powdered rhodium in hydrochloric acid. V. V. Krokhv. A. I. Vol'fson. N R. Zakharova. Zhur. prikl. khim. 35 no. 11:2566-2567 N '62.

Extraction of hydrochloric acid and of certain elements by acetophenone. S. S. Berman and others. Izv. vys. uch. zav., tsvetn. met. 5 no. 4 553-558 '62

Mechanism of the extraction of hydrochloric acid with diethyl ether. F. I. Denisov. Zhur. VKHO 7 no. 6 706-707 '62.

HYDROCYANIC ACID

Effect of ionizing radiation on the synthesis of hydrocyanic acid. R. Mikhail, I. Gershkovich. Kin. i kat. 3 no. 6 886-895 N-D '62.

HYDRODYNAMICS

Determination of the free volume (porosity) in a layer of plant material. I. A. Zamorueva, Iu. N. Slavianov, Izv. vys. uch. zav., Pishch. tekhn. 5 no. 4 666-669 '62.

Effect of a hydrodynamic regime on the polymerization of acrylonitrile. I. S. Rozin and others. Zhur. prikl. khim. 35 no. 10 2328-2332 O '62.

Experimental investigation of flow structure before the pump wheel of a hydraulic torque converter. V. N. Maratkhan, V. M. Mishchenko. Sbor. trud. Lab. gidr. mash. AN BSSR no. 10 146-152 '62.

Hydrodynamics of a bubbling shell-and-tube reactor. V. N. Sokolov, Iu. B. Gellis. Khim. prom. no. 10 737-741 O '62.

Numerical calculation of the atmospheric pressure field using the complete system of hydrodynamic equations. V. M. Berezin. Vest. Mosk. un. Ser. 3. Fiz., astron. 17 no. 6 83-89 N-D '62.

Solution of a system of Oseen equations for the steady flow about a plane contour of a viscous incompressible fluid using the method of potentials. Part 3. O. I. Panich. Izv. vys. uchab. zav., mat. no. 6 73-84 '62.

Symposium on Convective Heat Transfer in Incompressible Liquid Flow, held at Kaunas. I. T. Fliperin. Inzh.-fiz. zhur. 5 no. 10 125-128 O '62.

HYDROELECTRIC POWER

(see also subdivision under Kazakhstan)

Economic conditions governing the inclusion of a pumping station in a hydroelectric power and irrigation complex. Chzhou Chzhi-khao [Chou Chih-hao]. Trudy MEI no. 45 191-214 '61.

HYDROELECTRIC POWER STATIONS

(see also subdivision under Armenia; see also Bratsk Hydroelectric Power Station; Dnieper Hydroelectric Power Station, Kakhovka Hydroelectric Power Station, Kaunas Hydroelectric Power Station, Ladzhanuri Hydroelectric Power Station, Lower Kama Hydroelectric Power Station, Novosibirsk Hydroelectric Power Station; Nurek Hydroelectric Power Station, Pavlovsk Hydroelectric Power Station, Volga Hydroelectric Power Station, Lenin, Volga Hydroelectric Power Station, 22d Congress of the CPSU)

Calculation of hydroelectric engineering power problems using electronic analog computers. A. I. Seryshev. Trudy MEI no. 35 125-134 '61.

Concerning V. M. Gornshtein's reply to the review of "Optimum operating modes of hydroelectric power stations in consolidated power systems." V. V. Bolotov, V. N. Gusev, P. P. Dologov. Elektrichestvo no. 12 84 D '62.

Design of a low-pressure hydroelectric development in precast reinforced concrete. L. B. Sheinman, G. V. Rubinshtein. Gidr. stroi. 33 no. 10 14-20 O '62.

Effect of the parameters of power machinery of a hydroelectric power station on its economic indices. I. A. Zhezhelenko. Trudy MEI no. 35 109-121 '61.

Evaluation of methodology for hydrological forecasts and justification of its use in estimating the flow of water to hydroelectric power stations. S. M. Musselian. Trudy MEI no. 35 165-178 '61.

Forecasting of the annual distribution of stream flow. A. P. Kesminas, T. L. Zolotarev. Trudy MEI no. 35 157-164 '61.

Methodology for determining the economic efficiency of hydroelectric power stations. A. V. Voronin. Elektrichestvo no. 12 80-82 D '62.

Principles of the calculation of relationships for determining the operating modes of hydroelectric power stations in a consolidated electric power system. V. V. Semenov. Trudy MEI no. 35 65-108 '61.

Principles of the theory of the calculation of the installed capacity of a cascade of hydroelectric power stations operating in interconnected electric utility systems. V. V. Semenov. Trudy MEI no. 35 19-64 '61.

Problem concerning the choice of parameters of the economy of the water resources complex. E. Khuan-tin, [Yen Huang-ting]. Trudy MEI no. 35 179-192 '61.

Problems concerning the increase of the dynamic stability and control efficiency of high-pressure hydroelectric power stations. A. M. Tamadaev. Trudy MEI no. 35 135-156 '61.

Use of analog computers in calculating the regulation of seasonal water flow with objective to generate maximum power by the hydroelectric power station. V. I. Obrezkov. Elektrichestvo, 33 no. 11 35-36 N '62.

Use of computers in hydroelectric power engineering. V. I. Obrezkov. Trudy MEI no. 35 243-249 '61.

HYDROFLUORIC ACID

Thermodynamic analysis of interaction between hydrofluoric acid vapors and carbon. N. P. Galkin, V. A. Shubin, A. S. Krylov. Khim. prom. no. 10 750-753 O '62.

HYDROFOIL BOATS

(see also subdivision under Baltic Sea)

Some characteristics of calculating the propulsion of vessels on underwater wings. Iu. M. Sadovnikov. Sudostroenie 28 no. 11 11-13 N '62.

HYDROGEN

Action of some impurities and addition agents of overvoltage for hydrogen liberation on manganese. I. V. Gamali, V. V. Stender. Zhur. prikl. khim. 35 no. 11 2436-2439 N '62.

Charging curves on platinum and palladium in the presence of ethyl alcohol. D. V. Sokol'skii, I. T. Shanina. Trudy Inst. khim. nauk AN Kazakh. SSR 8 87-10 '62.

Effect of solvents on hydrogen adsorption on the surface of a platinated platinum electrode-catalyst. D. V. Sokol'skii, K. N. Kombarov. Trudy Inst. khim. nauk AN Kazakh SSR 8 101-108 '62.

Electron paramagnetic resonance study of radicals formed in the reaction of hydrogen atoms with benzene. L. I. Avramenko and others. Izv. AN SSSR Otd. khim. nauk. no. 11 2079-2081 N '62.

Excitation of the 2s and 2p levels of the hydrogen atom by slow electrons [with summary in English]. R. IA. Damburg, R. K. Peterkop. Zhur. eksp. i teor. fiz. 43 no. 5 1765-1768 N '62.

HYDROGEN—ANALYSIS

Microdetermination of carbon and hydrogen in fluorine organic compounds [with summary in English]. A. I. Lebedeva, N. A. Nikolaeva, V. A. Orestova. Zhur. anal. khim. 17 no. 6 993-997 N '62.

HYDROGEN—ISOTOPES

Density of H_2 - D_2 liquid solutions [with summary in English]. V. N. Grigor'ev, N. S. Rudenko. Ukr. fiz. zhur. 7 no. 7 737-740 Jl '62.

Formal kinetics of some concurrent bimolecular reactions and calculation of kinetic isotope effect in the distribution of isotopic molecules. G. A. Sherobogatov. Izv. AN SSSR. Otd. khim. nauk no. 11 1961-1977 N '62.

Phase diagrams of solid - liquid systems formed by hydrogen isotopes [with summary in English]. V. S. Kogan, B. G. Lazarev, R. F. Bulatova. Ukr. fiz. zhur. 7 no. 7 732-736 Jl '62.

HYDROGEN BONDING

Possibility of studying the hydrogen bond in hydroxides according to the interatomic distances. S. S. Batsanov, G. B. Bokii. Zhur. strukt. khim. 3 no. 6 716-719 '62.

Vibrational spectra of organic compounds containing the elements of the IVth group (Si, Ge, Sn). Report No. 7: Infrared absorption spectra of substituted aminomethylsilolanes and the frequencies of C-H bond stretching vibrations. K. A. Andrianov, L. M. Volkova, N. A. Chumaevskii. Izv. AN SSSR, Otd. khim. nauk no. 11 1958-1964 N '62.

HYDROGEN HALIDES

Reactions of nitriles with hydrogen halides and nucleophilic reagents. E. N. Zil'berman. Usp. khim. 31 no. 11 1309-1347 N '62.

HYDROGEN-ION CONCENTRATION

Hydrogen overvoltage in presence of oxidizers. V. M. Novakovskii, V. M. Gabov. [Trudy] UNIKHIM no. 9 52-58 '61.

On the article by P. N. Kovalenko and L. B. Reznik "Determination of pH of the beginning of dissolution and of the activity product of germanium (IV) hydroxide." First letter. A. K. Babko, Izv. vys. uch. zav.; khim. i khim. tekh. 5 no. 4 678 '62.

Reply to the letters by A. K. Babko and V. A. Leitsin on the article by P. N. Kovalenko and L. B. Reznik "Determination of pH of the beginning of dissolution and of the activity product of germanium (IV) hydroxide." P. N. Kovalenko, L. B. Reznik. Izv. vys. uch. zav., khim. i khim. tekh. 5 no. 4 681-684 '62.

HYDROGEN PEROXIDE

Chemiluminescent catalytic reaction in the system luminol - copper - hydrogen peroxide. Part 2. Photoelectric method of investigating the effect of copper concentration. A. K. Babko, N. M. Lukovskaia. Ukr. khim. zhur. 28 no. 7 861-865 '62.

Rapid method of determining the concentration of hydrogen peroxide vapors in air. L. A. Mokhov, N. S. Mareva. Zhur. prikl. khim. 35 no. 11 2573-2574 N '62.

HYDROGEN SULFIDE

The stability of asbestos cement in media containing hydrogen sulfide. E. O. Barbakadze. Trudy NIIAsbestcementa no. 13 68-78 '62.

HYDROGENATION

Concurrent hydrogenation of acetylene and phenylacetylene. D. V. Sokol'skii, N. F. Noskova. Trudy Inst. khim. nauk AN Kazakh. SSR 8 80-89 '62.

Discussion of the selectivity of oil hydrogenation. A. A. Zinoviev. Masl.-zhir. prom. 28 no. 11 13-19 N '62.

Effect of amines on the hydrogenation of [illegible]. D. V. Sokol'skii, A. M. Konovalov. Trudy Inst. khim. nauk AN Kazakh SSR 8 41-11 '62.

Hydrogenation of aldehydes and ketones in the presence of iron catalysts. A. A. Balandin, A. I. Lukina, [illegible] Toptygina. Izv. AN SSSR Otd. khim. nauk no. 11 1 15 1939 N '62.

Hydrogenation of alkenes. Report No. 1: Hydrog[illegible] of some olefins. A. M. Sokol'skaia. Trudy Inst. khim. nauk AN Kazakh SSR 8 56-63 '62.

Hydrogenation of cottonseed oil in solvents in a [illegible] tory column-type flow system with a fixed bed of [illegible]. D. V. Sokol'skii and others. Trudy Inst. khim. nauk AN Kazakh SSR 8 128-136 '62.

Hydrogenation of cottonseed oil on palladium catalysts. D. V. Sokol'skii, L. I. Zueva. Trudy Inst. khim. nauk AN Kazakh SSR 8, 100-104 '62.

Hydrogenation of dimethylethynylcarbinol on Ni/Al catalysts. N. M. Popova. Trudy Inst. khim. nauk AN Kazakh. SSR 8, 21-36 '62.

Hydrogenation of sperm whale oil over a fixed [illegible] to produce higher alcohols. D. B. Orlinskii, [illegible]. Zhur. prikl. khim. 35 no. 11 2501-2509 N '62.

Hydrogenation of unsaturated compounds at [illegible] centration. G. F. Grebenkina, D. V. Sokol'skii. Trudy Inst. khim. nauk AN Kazakh SSR 8, 91-100 '62.

Potentiometric study of the reactions underlying the catalytic hydrogenation in the gas phase. V. A. [illegible], D. V. Sokol'skii. Trudy Inst. khim. nauk AN Kazakh SSR 8, 45-55 '62.

HYDROGRAPHIC SURVEYING

Using an aqualung in topographic surveys. [illegible] nov. Veen. nan. 38 no. 12 35 D '62.

HYDROGRAPHY see subdivision under Antarctic

HYDROLOGY

(see also subdivision under Kuybyshev Reservoir, Volga Valley)

Brief news. Meteorologiia i gidrologiia no. 12 [illegible] '62.

Timofeev, V. T., and V. V. Popov. Indirect methods for the computation and analysis of water balance. Kosvennye metody vychisleniia i analiza vodnogo balansa. Leningrad, Gidrometeoizdat, 1962. 360 p.

Using stochastic modeling of hydrological series in investigating perennial variations of stream flow. A. A. Shakhbazian. Izv. AN Arm. SSR, Ser. tekh. nauk 15 no. 5 59-66 '62.

Water exchange between the earth and the universe. V. I. Derpgolts. Geog. sbor. no. 15 198-207 '62.

HYDROLOGY—BIBLIOGRAPHY see Bibliography - Hydrology

HYDROLOGY—CONGRESSES

Conferences, meetings, and seminars. Meteorologiia i gidrologiia, no. 11, 68-70 N '62.

International Symposium on the Hydrogeology of Karst Zones. Vest. AN SSSR 32 no. 12 84-84 D '62.

HYDROLOGY—RESEARCH

Prospects for developing research on the water resources of the U.S.S.R. V. A. Urysvol'skii. Izv. AN SSSR, Ser. geog. no. 6 28-33 N-D '62.

HYDROLOGY—TABLES, CALCULATIONS, ETC. see subdivision under Caucasus

HYDROLYSIS

(see also subdivision under Onega)

Corrosion resistance of stainless steels in aggressive media of hydrolysis industries. I. M. Gerasimova, E. A. Adamovich, E. V. Antonova. Gidroliz. i lesokhim. prom. 15 no. 8, 22-23 '62.

Hydrolysis of cellulose lignin by concentrated hydrochloric acid in a pilot diffusion battery. N. V. Kiseleva and others. Izv. vys. ucheb. zav., les. zhur. 4 no. 3 137-141 '61.

Kinetics and mechanism of dihydroxyacetone phosphate hydrolysis. D. F. Mikonova. Ukr. khim. zhur. 28 no. 7 842-847 '62.

Using ion exchange resins in the analysis of [illegible] hydrolysates. Iu. E. Fal'kovich. Gidroliz. i lesokhim. prom. 15 no. 8 18-20 '62.

HYDROLYSIS—BIBLIOGRAPHY see Bibliography - Hydrolysis

HYDROQUINONES

Formation of light blue dyes in color films containing alkyl hydroquinones. V. A. Bogoliubskii, I. V. [illegible]. Zhur. nauch. i prikl. fot. i kin. 7 no. 6 461-462 N-D '62.

HYDROXIDES

Possibility of studying the hydrogen bond in hydroxides according to the interatomic distances. S. S. Batsanov, G. B. Bokii. Zhur. strukt. khim. 3 no. 6 716-719 '62.

HYDROXY COMPOUNDS

Rearrangements in the series of hydroxy derivatives of bisulfited naphtho-1, 2-furoxans. S. V. Bogdanova, Z. V. Todres-Selektor. Zhur. VKHO 7 no. 6, 657 [illegible] '62.

HYDROXYL GROUP—SPECTRA

Determination of the number of hydroxyl and carbonyl groups in steroid molecules based on the intensity of bands in the infrared spectra [with summary in English], G. G. Dvortantseva, IU. N. Sheinker. Zhur. anal. khim. 17 no. 7 883-889 O '62.

Hydroxyl-containing compounds in the middle distillate petroleum fuels. IA. B. Chertkov, M. V. Shishkina, N. A. Afanas'eva. Zhur. prikl. khim. 35 no. 11 2460-2466 N '62.

HYDROXYLAMINE

Chemistry of organic oxides. Part 22. Addition of hydroxylamine to α-oxides. G. A. Balaev, A. A. Petrov. Izv. vys. uch. zav.; khim. i khim. tekh. 5 no. 4:608-611 '62.

Extraction-photometric determination of titanium by means of N-benzoylphenylhydroxylamine. F. G. Zharovskii, E. A. Shpak, E. V. Piskunova. Ukr. khim. zhur. no. 9 1104-1106 '62.

HYGIENE

Temperature regimen of kindergartens. F. M. Voznesenskaia. Pediatriia no. 7 29-33 '62.

HYGIENE, RURAL see Public health, Rural

HYGROMETRY

Pickup of the humidity of air. V. B. Shein. Fiz. v shkole 22 no. 5, 73 S-O '62.

HYPERSONIC AERODYNAMICS see Aerodynamics, Hypersonic

HYPERSPLENISM

Hypersplenism; a discussion of the article by M. M. Tushinskaia and IU. P. Urinson, "The influence of the spleen on hematopoiesis." I. IA. Ashkinazi. Probl. gemat. i perel. krovi no. 9:23-27 '62.

HYPERSUSCEPTIBILITY see Anaphylaxis

HYPERTENSION

Action of dangleron and hexonium on the regional blood circulation in hypertension. V. A. Kononichenko, G. E. Chapidze. Klin. med. no. 9 106-111 '62.

Arterial hypertension and psychosis. G. V. Stoliarov. Trudy Gos. nauch.-issl. inst. psikh. 25:159-164 '61.

Correlation of arterial and venous pressure in hypertension with mental disorders. V. V. Gromova. Trudy Gos. nauch.-issl. inst. psikh. 25:478-487 '61.

EEG data in cerebral atherosclerosis and hypertension with mental disorders. IU. N. Fedorovskii. Trudy Gos. nauch.-issl. inst. psikh. 25:202-204 '61.

Effect of infusions of Lagochylus inebrians on venous pressure under experimental conditions. M. M. Mansurov. Med. zhur. Uzb. no. 3:60-61 Mr '62.

Effect of previous and concomitant pulmonary and cerebral diseases on the clinical course of hypertension [with summary in English]. N. V. Kalinina. Terap. arkh. no. 6:61-67 '62.

Hypertension in renal diseases. N. A. Ratner. Kardiologiia 2 no. 5:3-10 S-O '62.

Maniacal states in hypertension and atherosclerosis of the vessels of the brain. IU. E. Rakhlin'skii. Trudy Gos. nauch.-issl. inst. psikh. 25:87-95 '61.

Normalization of arterial pressure under the influence of stable meteorological factors [with summary in English]. L. P. Lukashevich. Vrach. delo no. 12:27-31 D '62.

Oto-neurological symptoms in hypertension. A. V. Zhukovich. Klin. med. no. 9:94-99 '62.

Pathoanatomical materials on the problem of psychoses related to hypertension in combination with atherosclerosis. V. P. Kushalev. Trudy Gos. nauch.-issl. inst. psikh. 25:667-677 '61.

Pathogenesis of cerebral hemorrhages of varying etiology. G. IA. Liberzon. Trudy Gos. nauch.-issl. inst. psikh. 25:631-642 '61.

Polyetiological nature of hypertension; further observations in the biotron [with summary in English]. D. I. Panchenko. Vrach. delo no. 12:31-36 D '62.

Prognosis in hypertensive cerebral crises [with summary in French]. R. A. Tkachev, L. I. Aleksandrova, E. S. Prokhorova. Zhur. nevr. i psikh. 62 no. 8:1143-1148 Ag '62.

Rhythm assimilation as a method for the functional evaluation of the cerebral cortex in hypertension [with summary in English]. L. I. Il'ina. Klin. med. no. 9 82-89 '62.

Role of supporting therapy using reserpine in preventing relapses in hypertonic psychoses. I. S. Romanova. Trudy Gos. nauch.-issl. inst. psikh. 25:492-498 '61.

Role of the vascular factor in the genesis of a spasm syndrome in hypertonic psychoses, a clinical anatomical study. P. B. Kazakova, I. S. Romanova. Trudy Gos. nauch.-issl. inst. psikh. 25:499-517 '61.

Use of ismelin (guanethidine) in hypertension [with summary in English]. N. A. Ratner, G. A. Glezer, G. L. Spivak. Terap. arkh. no. 6:102-109 '62.

Use of ismelin in various forms of hypertension [with summary in English]. N. I. Semenovich, G. E. Kaigorodova, L. R. Nozdriukhina. Terap. arkh. no. 6:109-113 '62.

Use of pirilen in the treatment of the cerebral forms of hypertension [with summary in English]. Z. N. Dracheva, T. M. Kuznetsova. Klin. med. no. 9:100-106 '62.

Use of pneumoelectro-oscillography in the diagnosis of the stages of hypertension. O. IA. Grinshpun, E. M. Kuchera-enko. Vrach. delo no. 12 119-120 D '62.

HYPNOTISM—THERAPEUTIC USE

Hypnotherapy in cardiovascular diseases. S. I. Krasnykh. Trudy Gos. nauch.-issl. inst. psikh. 25:787-794 '61.

Therapeutic significance of suggestion and hypnosis in cerebral vasopathy. I. M. Vish. Trudy Gos. nauch.-issl. inst. psikh. 25 538-550 '61.

HYPNOTISM IN SURGERY

Use of narcohypnosis for anesthesia in surgical operations. E. A. Damir and others. Vest. AMN SSSR 17 no. 8, 25-29 '62.

HYPOCHONDRIA

Pathophysiological characteristics of a geriopathic-hypochondriacal syndrome in cerebral atherosclerosis. E. S. Tolmasskaia. Trudy Gos. nauch.-issl. inst. psikh. 25 215-227 '61.

Treatment with aminazine of vascular patients with a geriopathic-hypochondriacal syndrome. K. A. Bobkova, V. V. Gromova. Trudy Gos. nauch.-issl. inst. psikh. 25 342-351 '61.

HYPOTENSION

Characteristics of the clinical aspects and course of hypotension with mental disorders. A. P. Aleksandrova. Trudy Gos. nauch.-issl. inst. psikh. 25 407-421 '61.

Disorder of water metabolism in the pathogenesis of arterial hypotony. G. V. Arkhangel'skii. Trudy Gos. nauch.-issl. inst. psikh. 25:733-738 '61.

Dynamics of the arterial pressure in hypertonic psychoses during the process of reserpine treatment. I. S. Romanova. Trudy Gos. nauch.-issl. inst. psikh. 25: 465-477 '61.

Pathogenesis, clinical aspects and treatment of vascular hypotony and the prevention of thrombotic insults in this case. V. A. Smirnov. Trudy Gos. nauch.-issl. inst. psikh. 25:422-439 '61.

Treatment of hypotony. G. V. Ryzhikov. Trudy Gos. nauch.-issl. inst. psikh. 25:440-449 '61.

Treatment of neuropsychic disorders in hypotension using echinopsine. G. V. Ryzhikov. Trudy Gos. nauch.-issl. inst. psikh. 25 450-458 '61.

HYPOTHALAMUS

Effect of adrenaline and noradrenaline on the neurosecretory activity of the hypothalamiconeurohypophyseal system [with summary in English]. A. A. Galoian. Vop. biokhim. 2:39-45 '61.

Effect of histamine on the neurosecretory activity of the hypothalamiconeurohypophyseal system [with summary in English]. A. A. Galoian. Vop. biokhim. 2:47-51 '61.

HYPOTHERMIA

Anesthesia in moderate hypothermia. T. M. Darbinian. Vest. AMN SSSR 17 no. 9:39-43 '62.

Principles for the management of the functions of the body during surgery of congenital heart defects under surface and deep hypothermia. G. A. Riabov. Vest. AMN SSSR 17 no. 8:34-38 '62.

Problems encountered in extracorporeal perfusion with cooled blood; selective deep hypothermia [with summary in English]. D. Laurent and others. Vest. khir. 89 no. 9 83-113 S '62.

Use of artificial hypothermia for the prevention and treatment of pleuropulmonary shock in an experiment [with summary in English]. I. D. Kudrin. Vest. khir. 89 no. 9:78-82 S '62.

IABLOCHKOV, PAVEL NIKOLAEVICH, 1847-1894

Del'kind, L. D. Pavel Nikolaevich IAblochkov, 1847-1894. Moskva, Akad. nauk SSSR, 1962. 266 p. (Akademiia nauk SSSR. Nauchno-biograficheskaia serila)
(MIH)

IAKOVLEV, MIKHAIL SEMENOVICH, 1902-

Mikhail Semenovich IAkovlev; on his 60th birthday. V. G. Alekseandrov, M. D. Ioffe. Bot. zhur. 47 no. 10:1549-1551 O '62.

IANOVS'KYI, IURII, 1902-1954

Letters written to IU. I. IAnovs'kyi. A. A. Trostianets'kyi. Rad. lit. 6 no. 5:124-125 N-D '62.

IANSHIN, MIKHAIL MIKHAILOVICH, 1902-

IAnshin's sixtieth birthday. P. Markov. Teatr 23 no. 11:152-153 N '62.

IARMATOV, KAMIL, 1903-

Aliev, Mukhsin, [Kamil IArmatov. Translated from the Uzbek] Kamil IArmatov. Tashkent, Goslitizdat UzSSR, 1960. 77 p.

IBARRURI, DOLORES, 1895-

"There is no other way" by Dolores Ibarruri. Reviewed by N. Sergeeva. Nov. vrem. 20 no. 50:28-31 D '62.

ICE see subdivision under North Atlantic Ocean, Ukraine

ICE AGE see also subdivision 'Glacial epoch' under Jack London Lake region, United States

ICE-BREAKING VESSELS

Ship gnaws ice. IU. Medvedev. Izobr. i rats. no. 11:11 N '62.

ICE CRYSTALS—GROWTH

Effect of saturation and temperature on the kinetics of the development of initial forms of growth in an ice sphere. N. V. Ciliki, A. A. Filisov. Kristallografiia 7 no. 5 802-804 S-O '62.

ICE FISHING

Ice fishing in winter. V. Horoshko. Ukraina no. 24:28 D '62.

ICE ON RIVERS, LAKES, ETC.
(see also subdivision under Virgin Territory)

Vasiliskov, I. A., and others. [Study of the winter condition of rivers in water power surveying] Izuchenie zimnego rezhima rek pri gidroenergicheskikh izyskaniiakh. Moskva, Gosenergoizdat, 1962. 199 p.
[MICROFILM]

ICE SEAMANSHIP see Seamanship—Cold weather conditions

ICE SHOWS see subdivision under Czechoslovakia

ICEBOATS

Faster than the wind. B. Raspolov. IUn. tekh. 7 no. 11:76-80 N '62.

ICONS

Idolization of a tsarina. M. Skrypnyk. Volov. ateist no. 7:25 Jl '62.

IDZHEVAN DISTRICT—RODENT CONTROL

Very small amounts of fluoroacetate for rodent and sparrow control. O. R. Avetisian, R. S. Shagoian. Zashch. rast. ot vred. i bol. 7 no. 6 31-32 Je '62.

IKRIANISTOVA, MARIIA

Woman member of the Bolshevik underground. P. Portnov. Sov. pech. no. 11 45-46 N '62.

ILEUM

Invagination in Meckel's diverticulum. V. M. Avdeicheva, P. S. Blumin, A. A. Nikolaev. Vest. khir. 88 no. 9 122-123 S '62.

ILI VALLEY (KAZAKHSTAN)—GEOMORPHOLOGY

Geomorphology of the western part of the Ili Depression. L. I. Platonova. Vest. AN Kazakh SSR 18 no. 11 62-67 N '62.

ILLUMINATION OF BOOKS AND MANUSCRIPTS see subdivision under Kiev

ILMENITE see subdivision under Novomirgorod Massif

IMAN VALLEY—SWAMPS

Wretched swamp. G. Permiakov. Ogonek 40 no. 30: 17 S '62.

IMBRETIL

Use of imbretil in anesthesia with controlled respiration. IU. N. Shanin and others. Vest. AMN SSSR 17 no. 8 53-56 '62.

IMMUNITY

Filippov, V. R. [Cytotoxic stimulation of immunity] Tsitotoksicheskaia stimulitatsiia immuniteta. Ulan-Ude, Buriatskoe knizhnoe izd-vo, 1960. 276 p.

Immunity in cancer. Nauka i zhizn' 29 no. 10 52-53 O '62.

The problem of immunity in the epidemiology of ascariasis. N. P. Shikhobalova, E. S. Leikina. Trudy Gel'm. lab. 11:322-331 '61.

IMMUNOLOGY

Effect of space flight factors on the immunological reactivity of the organism [with summary in English]. O. G. Alekseeva, A. P. Volkova. Probl. kosm. biol. 1:181-188 '62.

IMPEDANCE (ELECTRICITY)

Electrode impedance in solutions of chromic acid. R. F. Botchuk. Ukr. khim. zhur. 28 no. 9 1042-1047 '62.

IMPELLERS

Founding the profiled part of turbocompressor rotors. V. M. Kulaev, E. A. Grigor'ev, B. V. Burtsev. Lit. proizv. no. 11:39-40 N '62.

IMPERIALISM

Lenin, V. I. [Complete works] Polnoe sobranie sochinenii. Izd. 5. Moskva, Gos. izd-vo polit. lit-ry.
Vol. 28. [Notebooks on imperialism] Tetradi po imperializmu. 1962. 838 p.

IMPERSONATION (LAW) see False personation

IMPOSTORS AND IMPOSTURE

Sheptits'kyi's secret. S. Danylenko. Volov. ateist no. 9: 40-44 S '62.

INCENTIVES IN INDUSTRY
(see also subdivision under Czechoslovakia)
Material incentives to the development of science and technology [with summary in English, p. 185]. I. G. Burakov. Vop. filos. 16 no 11 49-62 '62.

INCLINOMETER
Prandtl tube with a thermal inclinometer [with summary in English] M. A. Goldshtik. Inzh.-fiz. zhur. 5 no 10 82-85 O '62

INDANDIONE
Condensation of phthalic anhydride and phenylacetic acid in triethylamine and acetic anhydride solution [with summary in English] V. Oskaja, G. Vanags. Izv. AN Latv. SSR no 3 67-76 '61
Pharmacology of 2-amino-2-phenyl-1,3-indandione derivatives. Report 4. Pharmacology of 2-methylamino-2-phenyl-1,3-indandione hydrochloride (V-39). Report 5. Pharmacology of 2-ethylamino-2-phenyl-1,3-indandione hydrocloride (V-31) [with summary in English]. S. Germane. Izv. AN Latv. SSR no 1:121-130 '61
Product of the electrolytic reduction of 2-nitroindandione-1,3 and 2-oximinoindandione-1,3 [with summary in English]. J. Strazdins, G. Vanags, M. Tiltins. Izv. AN Latv. SSR no 2:115-122 '61

INDEPENDENCE see Autonomy

INDEX LIBRORUM PROHIBITORUM
Black shadow of the persecutors of books. V. Donchak, O. Molodchykov. Vetov. ateist. no 6 38-41 Je '62

INDIA—ARCHITECTURE AND CLIMATE
Residential construction in hot countries, examples from countries of West Africa and India. I. N. Filippovich. Opyt zarub. stroi. no 5:103-155 '62

INDIA—BRITISH OCCUPATION, 1765-1947
Against the distortion of the early history of the British colonial empire in India. A. I. Chicherov. Vop. ist. no 11 197-198 N '62

INDIA—COMMERCE—RUSSIA
Soviet-Indian trade relations. Vnesh. torg. 12 no. 12 3 '62.

INDIA—DESCRIPTION AND TRAVEL
Moscow, Delhi, Jakarta. D. Il'khamova. Nar. khoz. Uzb. 4 no. 9:88-91 S '62.

INDIA—ECONOMIC CONDITIONS
Population of India and its economic activity. B. P. Suprunovich. Geog. v shkole 25 no 6:8-16 N-D '62

INDIA—ECONOMIC POLICY
Role of state capitalism in the economic development of modern India. S. A. Bessonov. Vest. Mosk. un. Ser. 8. Ekon., filos. 17 no. 6 55-67 N-D '62.

INDIA—FOREIGN RELATIONS—CHINA
The imperialists and the conflict in the Himalayas. I. Andronov. Nov. vrem. 20 no 50,5-6 D '62

INDIA—PEACE CORPS
The colonialist corps. Az. i Afr. segodnya no. 11 52 N '62.

INDIA—POPULATION
Population of India and its economic activity. B. P. Suprunovich. Geog. v shkole 25 no 6:8-16 N-D '62

INDIA—RELATIONS (GENERAL) WITH RUSSIA
My impressions. S. Choudkhuri. Sov. muz. 26 no. 11: 125 N '62.

INDIA—YOUTH—SOCIETIES, ETC.
India and the festival in Helsinki. Sarada Mitra. Mol. mira no. 5/6:12-13 '62.

INDIAN OCEAN—EUPHAUSIACEA
Composition of food of some species of euphausiids in the Indian Ocean [with summary in English]. L. A. Ponomareva, A. G. Naumov, V. V. Zernova. Trudy Inst. okean. 58:163-166 '62.

INDIAN OCEAN—PHYTOPLANKTON
Quantitative distribution of phytoplankton in the northern part of the Indian Ocean [with summary in English]. V. V. Zernova. Trudy Inst. okean. 58 45-58 '62.
Specific composition and distribution of phytoplankton in the northern part of the Indian Ocean [with summary in English]. I. N. Sukhanova. Trudy Inst. okean. 58 27-39 '62.

INDIAN OCEAN—PONTELLIDAE
Surface zooplankton of the Indian Ocean [with summary in English]. N. M. Voronina. Trudy Inst. okean. 58: 67-79 '62.

INDIAN OCEAN—ZOOPLANKTON
Some features of the distribution of zooplankton in the northern part of the Indian Ocean [with summary in English]. M. E. Vinogradov, N. M. Voronina. Trudy Inst. okean. 58, 80-113 '62.

INDIANS see subdivision under Venezuela

INDIC ART see Art, Indic

INDICATOR PLANTS see subdivision under Russia, Southern

INDIUM—ANALYSIS
Anode amperometric method of the direct titration of indium with complexon III. V. A. Khadeev, I. Bazarov. Uzb. khim. zhur. 6 no 5:47-53 '62.
Photometric determination of small amounts of indium with bromopyrogallol red. Sh. T. Talipov, Kh. S. Abdullaeva, G. P. Gorbkovskaia. Uzb. khim. zhur. 6 no 5 16-19 '62.
Separation of indium and tin by extraction with alkylphosphoric acids. I. S. Levin. Zhur. prikl. khim. 35 no 11 2368-2379 N '62.

INDIUM ALLOYS—METALLOGRAPHY
X-ray investigation of the structure of certain liquid alloys of indium with lead and tin. A. V. Romanova, A. S. Lashko. Sbor. nauch. rab. Inst. metallofiz. AN URSR no. 15 87-99 '62.

INDIUM ANTIMONIDE
Faraday effect in indium antimonide at temperatures between 280° and 500°K. IU. I. Ukhanov, IU. V. Malitsev. Fiz. tver. tela 4 no 11 3215-3219 N '62

INDIUM ANTIMONIDE—ELECTRIC PROPERTIES
Recombination radiation in degenerate indium antimonide. B. M. Vul, A. P. Shotov, V. S. Bagaev. Fiz. tver. tela 4 no. 12:3676-3677 D '62.

INDIUM-BISMUTH ALLOYS—METALLOGRAPHY
Structure and properties of the In_2Bi alloy in the liquid state. IA. I. Dutshik, N. M. Klym, A. G. Mikolaichuk. Fiz. met. i metalloved. 14 no. 5 787-789 N '62

INDIUM COMPOUNDS
Complex formation of indium with gallic acid. D. I. Riabchikov, IAo Ke-min' [YAo K'o-min], I. N. Marov. Zhur. neorg. khim. 7 no 11 2545-2548 N '62

INDIUM SELENIDE—OPTICAL PROPERTIES
Optical properties of thin films of In_2Se_3. V. P. Mushinskii. Izv. vys. ucheb. zav., fiz. no 5:29-33 '62

INDIUM-TIN ALLOYS—CORROSION
Corrosion resistance of indium, tin, and indium-tin alloys in the presence of surface-active agents. I. D. Vdovenko, N. N. Gratsianskii. Ukr. khim. zhur. 28 no 9 1069-1072 '62

INDONESIA—CENSUS
Population census in Indonesia. G. Shabalina. Az. i Afr. segodnya no. 12:28 D '62

INDONESIA—COMMERCE
"Common Market" means neocolonialism. L. Skomorokhov. Az. i Afr. segodnya no. 11, 15 N '62.

INDONESIA—COOPERATIVE SOCIETIES
Cooperation in Indonesia. P. Ananiev. Sov. potreb. koop. 6 no. 9:55-57 S '62.

INDONESIA—DESCRIPTION AND TRAVEL
Moscow, Delhi, Jakarta. D. Il'khamova. Nar. khoz. Uzb. 4 no 9:88-91 S '62.

INDONESIA—HISTORY
Sunrise over the islands (to be concluded). Erik Lundquist. Vokrug sveta no. 10:34-37 O '62.

INDONESIA—LAND TENURE
Indonesia. Give land to the peasants! M. Andreev. Az. i Afr. segodnya no. 11 19-20 N '62.

INDONESIAN ART see Art, Indonesian

INDUCTION HEATING
Gluing the tenon joints of a wooden chair in the electric field of high frequency currents. I. E. Muruev. Der. prom. 11 no. 12 23 D '62.

INDUSTRIAL ARTS
Virginskii, V. S. [Creators of new equipment in Russia during the serfdom period, biographies of outstanding Russian inventors of the 18th and the first half of the 19th century] Tvortsy novoi tekhniki v krepostnoi Rossii, ocherki zhizni i deiatel'nosti vydaiushchikhsia russkikh izobretatelei XVII - per. pol. XIX veka. Izd 2. Moskva, Uchpedgiz, 1962. 405 p.

INDUSTRIAL BUILDINGS
Calculation of the three-dimensional work of elements of the steel frame of one-story industrial buildings. M. S. Vladovskii. Prom. stroi. 40 no. 11 56-58 '62.
The constributions of reinforced concrete shells to completely precast industrial construction. K. Glukhovskoi, N. Emdin. Na stroi. Ros. 3 no. 9 15-17 S '62.
Creating construction surveying nets at industrial construction projects. I. F. Bolgov. Prom. stroi.
Osipov, L. G., and others. [The architecture of public and industrial buildings] Arkhitektura grazhdanskikh i promyshlennykh zdanii. Pod obshchei red. L. G. Osipova. Moskva, Gosstrolizdat, 1962. 334 p.
The problem of the composition of elements of an industrial building. N. S. Streletskii. Mat. po met. konstr. no. 8:3-12 '62.
Standard design details of one-story industrial buildings with a flat roof. R. G. Shishkin. Prom. stroi. 40 no 11:7-14 '62

INDUSTRIAL BUILDINGS—DESIGN AND CONSTRUCTION
Skorov, B. M. [Industrial buildings; fifth lecture in a course on architecture for students in the construction department] Promyshlennye zdaniia; lektsiia piatala po kursu arkhitektury dlia studentov stroitel'nogo fakul'teta. Moskva, Vses. zaochnyi politekhn. in-t, 1960. 27 p.

INDUSTRIAL BUILDINGS—EQUIPMENT AND SUPPLIES
Strut-system crane gantries for buildings with a large network of columns. M. M. Berdichevskii, B. G. Lozhkin, IU. A. Rakovshchik. Prom. stroi. 40 no. 12 28-32 '62.

INDUSTRIAL BUILDINGS—STANDARDS
Standardized dimensions of one-story industrial buildings. N. A. Skabtsev. Prom. stroi. 40 no 11, 20-24 '62

INDUSTRIAL BUILDINGS—VENTILATION
Concerning a method of making calculations of organized natural ventilation (aeration) in shops with sources of heat liberation. M. M. Shatalkii. Vod. i san. tekh. no 9 14-16 '62

INDUSTRIAL COSTS see Costs, Industrial

INDUSTRIAL EQUIPMENT—MAINTENANCE AND REPAIR see subdivision under Armenia, Moldavia

INDUSTRIAL HYGIENE
Brief news. Gig. truda i prof. zab. 6 no 4 60-63 Je '62
Brief news. Okhr. truda i sots. strakh. 5 no 11:42 N '62.
Chirkin, G. S. [Safety engineering and fire prevention measures] Tekhnika bezopasnosti i protivopozharnaia tekhnika. Moskva, Vysshaia shkola, 1962. 223 p.
Contribution of designers. P. Krutenkov, V. Volkov. Okhr. truda i sots. strakh. 5 no 11, 7 N '62
Editorial mail. A. Zakatalov and others. Okhr. truda i sots. strakh. 5 no. 11 16, 23 N '62
[Anin, L. V., ed. [The most important official documents on industrial hygiene and sanitation] Sbornik vazhneishikh ofitsial'nykh materialov po voprosam gigieny truda i proizvodstvennoi sanitarii. Moskva, Medgiz.
No. 2, 1962. 210 p.
Principles for developing the programs of rationalization in industry. V. V. Belinovich. Tsvet. i prok. fiz. kult. 25 no. 9:33-36 S '62.
Problems in protecting the health of workers as revealed by materials of the 22d Congress of the CPSU. N. I. Samarin. Zdrav. Kazakh. 22 no 3:3-7 '62
Technical information. Okhr. truda i sots. strakh. 5 no 11 32 N '62
To prevent fatigue.... V. Rozenblat. Okhr. truda i sots. strakh. 5 no 11:18-19 N '62

INDUSTRIAL HYGIENE—BIBLIOGRAPHY see Bibliography—Industrial hygiene

INDUSTRIAL HYGIENE—EXHIBITIONS
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INDUSTRIAL MANAGEMENT
(see also subdivision under Armenia; Hungary; Latvia; Odessa Province; Tajikistan; Uzbekistan, Vinnitsa Province; Zagorsk District)
Antropov, B. F., and N. P. Trusikhin. [Improve planning in an enterprise] Sovershenstvovat' planirovanie na predpriiatii. Moskva, Ekonomizdat, 1962. 77 p. (Ekonomicheskoe samoobrazovanie)
Businesslike utilization of material resources; how to economize on materials and raw materials. B. Andreev. Polit. samoobr. 6 no. 12:68-71 D '62.
Comprehensiveness and problems in the classification and analysis of potentials. G. Prudenskii. Ilist. nauch. inform. i trud. i zar. plata 5 no. 11:19-25 '62
Effect of the reduction in cost of new equipment due to specialization in its manufacture on improvement in the utilization of working capital. A. V. Tikhomirov. Trudy MAI no. 151:102-114 '62
Eliminate the shortcomings in the system of planning. V. Sarkisian. Prom. Arm. 5 no. 11:18-19 N '62.
Frolov, A. A. [Planning the production and economic operations of industrial enterprises] Planirovanie proizvodstvenno-khoziaistvennoi deiatel'nosti promyshlennykh predpriiatii. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1962. 78 p.
In the State Committee on Automation and Machinery Industry at the Council of Ministers of the U.S.S.R. Mekh. i avtom. proizv. 16 no. 11:59 N '62.
Industrial production funds; how to utilize technology in a more efficient way. S. Borkunov. Polit. samoobr. 6 no. 12:62-67 D '62.
Kopnaev, V. P., and others. [Analysis of the financial and economic operations of enterprises] Analiz finansovo-khoziaistvennoi deiatel'nosti predpriiatii. [Pod obshchei red.] V. P. Kopnaeva. Moskva, Gosfinizdat, 1962. 357 p.
Let us devote all our strength to the carrying out of the great program of building communism. Sots. trud 7 no. 11:3-12 N '62.

INDUSTRIAL MANAGEMENT (Continued)

Organizing experimental and model enterprises. P. D. Borodin. Mekh. i avtom. proizv. 16 no. 11 3-5 N '62.

Party chronicle. Part. zhizn' no. 24:70-71 D '62.

Place the simplification and reduction of the apparatus under strict control. I. Berlovich. Fin. SSSR 23 no. 11:34-40 N '62.

Problems of the economics of industry on the pages of magazines. Part. zhizn' no. 23:70-73 D '62.

Put planning on a practical basis. R. Merkin. Ekon. stroi. no. 12:38-41 D '62.

State Bank, economic problems and public participation. A. Borovnikov and others. Den. i kred. 20 no. 10 18-29 O '62.

INDUSTRIAL MEDICINE see Medicine, Industrial

INDUSTRIAL ORGANIZATION

Creation of consolidated firms in the clothing industry. N. L. Sotnikov. Shvein. prom. no. 6 10-15 N-D '62.

Creation of the material and technological basis of communism and the concentration of production. A. P. Filonov. Polit. samoobr. 6 no. 12 42-44 D '62.

Development of industry and agriculture is the most important part of the building of communism. Kommunist 39 no. 18 3-11 D '62.

Effective implementation of the Leninist principles of the guidance of human society. Vop. filos. 16 no. 12:3-12 '62.

The main road. I. P. Ivonin. Ukraina no. 24:3 D '62.

Rubinov, M. Z. [Principles for the economic analysis of the work of enterprises] Osnovy ekonomicheskogo analiza raboty predpriiatii. Moskva, Gosfinizdat, 1962. 239 p.

Well-chosen path of the economic development of our country. Sov. deput. trud. no. 12:3-8 D '62.

INDUSTRIAL PAINTING see Painting, Industrial

INDUSTRIAL PLANTS
(see also subdivision under Kazakhstan; Taganrog)

Analysis of planned designs of enterprises for the production of agloporite. A. N. Kreindlin, A. S. Feinshmidt. Stor. trud. VNIINSM no. 6 201-211 '62.

Geodetic services for construction of an industrial complex. T. S. Danilenko. Prom. stroi. 40 no. 11 49-53 '62.

Mel'nikov, N. P., ed. [Handbook for the designer of industrial, residential and public buildings and structures; metal elements of industrial buildings and structures] Spravochnik proektirovshchika promyshlennykh, zhilykh i obshchestvennykh zdanii i sooruzhenii; metallicheskie konstruktsii promyshlennykh zdanii i sooruzhenii. Moskva, Gosstroizdat, 1962. 616 p.

The vertical flow method. S. Bulgakov, V. Fisenko. Na strot. Ros. 3 no. 9:35-37 S '62.

INDUSTRIAL PLANTS—DESIGN AND CONSTRUCTION

A multiplicity of design details hinders the construction of the plant. S. D. Tseitlin. Prom. stroi. no. 10:18-19 '62.

Potentials for increasing the economy of designs for industrial enterprises. P. F. Shmelev. Prom. stroi. 40 no. 12 2 of cover-3 '62.

INDUSTRIAL PLANTS—MODELS

Using three-dimensional models in design. S. M. Shul'zinger. Prom. stroi. no. 10:22-23 '62.

INDUSTRIAL POWER TRUCKS

Dynamics of an ingot buggy with rope drive. S. N. Kozhevnikov, V. G. Peshat. Trudy Inst. chern. met. AN URSR 16 26-36 '62.

INDUSTRIAL PROCUREMENT

Improve the organization and establishment of norms for the stocks of materials. D. Bukshtein, IA. Kuperman. Ekon. stroi. no. 12:24-29 D '62.

INDUSTRIAL RELATIONS see subdivision under Sverdlovsk Province

INDUSTRIAL SAFETY

Consultations. Bezop. truda v prom. 6 no. 12:31 D '62.

Following up articles published in "Bezopasnost' Truda v Promyshlennosti." Bezop. truda v prom. 6 no. 12:16 D '62.

Fulfill the decisions of the plenum of the Central Committee of the CPSU. Bezop. truda v prom. 6 no. 12:1 D '62.

Specified instructions for the inspection of enterprises operating boiler units and weight-lifting equipment. Bezop. truda v prom. 6 no. 12:34-35 D '62.

INDUSTRIAL SAFETY—LAW AND LEGISLATION

Russia (1917- R. S. F. S. R.) Ministerstvo rechnogo flota. [Industrial safety in river transportation] Okhrana truda na rechnom transporte; sbornik rukovodiashchikh dokumentov. Moskva, Izd-vo "Rechnoi transport," 1962. 432 p.

INDUSTRIAL TECHNICIANS see Technicians in industry

INDUSTRIAL TELEVISION

Industrial television systems. V. Otboeva. Radio no. 11 30-31 N '62.

Polonik, V. S. [Applied television] Prikladnoe televidenie. Moskva, Gosenergoizdat, 1962. 156 p.

INDUSTRIAL TOXICOLOGY

Cholesterol and phospholipids in the blood during prolonged exposure to some industrial poisons (lead, carbon disulfide and benzene). G. S. Konikova. Terap. arkh. no. 8 96-101 '62.

INDUSTRIAL WASTES

Uzhov, V. N. [Sanitary protection of the atmosphere, the purification of industrial waste gases of harmful vapors and gaseous admixtures] Sanitarnaia okhrana atmosfernogo vozdukha; ochistka vybrosnykh promyshlennykh gazov ot vrednykh paroobraznykh i gazoobraznykh primesei. Moskva, Medgiz.
Pt 1. 1962. 121 p.
[MICROFILM]

INDUSTRIES, LOCATION OF see subdivision under Communist Countries

INDUSTRY—ABSTRACTS

[Economics of industry] Ref. zhur. Ekon. prom. no. 12 D '62.

INDUSTRY—TECHNOLOGICAL INNOVATIONS

Russia (1923- U. S. S. R.) Komitet po delam izobretenii i otkrytii. [Inventions; light industry] Sbornik izobretenii, legkaia promyshlennosti'. Moskva, TSentr. biuro tekhn. informatsii 1962. 286 p. (Sbornik Otechestvennykh izobretenii)

INEQUALITIES (MATHEMATICS)

A priori inequalities for certain differential operators with variable coefficients. L. P. Nizhnik. Ukr. mat. zhur. 14 no. 4 426-431 '62.

INERTIAL NAVIGATION

Gorenshtein, I. A., I. A. Shul'man, and A. S. Safarian. [Inertial navigation] Inertsial'naia navigatsiia. Pod red. G. O. Fridlendera. Moskva, Izd-vo "Sovetskoe radio," 1962. 248 p.

INFANTRY DRILL AND TACTICS

Under full steam. G. Fedorov, S. Shchukina. Voen. znan. 38 no. 12:12 D '62.

INFANTS

Development of the individual characteristics of higher nervous activity in infants in ontogenesis. A. N. Karlova. Pediatriia no. 7:3-6 '62.

INFANTS—DISEASES

Staphylococcal complicated pneumonias in infants during the first three months of life [with summary in English]. E. I. Semenova. Pediatriia 41 no. 9:25-30 S '62.

INFANTS (NEWBORN)

Protein and lipid composition of the blood serum of newborn infants [with summary in English]. G. V. Fevralova. Pediatriia no. 7:47-49 '62.

INFANTS (NEWBORN)—DISEASES

Congenital irreducible inguinal hernia in a 21-day-old girl. G. L. Bilich. Zdrav. Kazakh. 22 no. 3:60-61 '62.

INFECTION, FOCAL see Focal infection

INFLUENZA
(see also subdivision under Dushanbe)

Smorodintsev, A. A., and A. A. Korovin. [Influenza] Gripp. [Leningrad] Medgiz, 1961. 371 p. (DNLM)

INFORMATION STORAGE AND RETRIEVAL SYSTEMS

Cutenmakher, L. I. [Electronic information and logic machines] Elektronnye informatsionno-logicheskie mashiny. Izd. 2., ispr. i dop. Moskva, Izd-vo Akad. nauk SSSR, 1962. 199 p.

INFORMATION THEORY

Discrimination of a system of signals. Report No. 1. Methods of studying discrimination of signal systems. O. K. Tikhomirov. Dokl. APN 6 no. 1:65-68 '62.

Philosophical substance of the concept of information [with summary in English]. I. I. Grishkin. Vest. LGU 17 no. 23:124-130 '62.

Reaction pattern of man to tests involving the choice of one of two possible solutions. Report No. 3. Dependence of reaction time on the complexity of signals. V. A. Bodrov, A. A. Genkin, G. M. Zarakovskii. Dokl. APN 6 no. 1 73-76 '62.

Shlinpoberskii, V. I. [Elements of discrete communication systems] Elementy diskretnykh sistem sviazi. Moskva, Voenizdat, 1962. 236 p.

INFRARED DRYING APPARATUS

Infrared rays dry lacquer coatings. L. Ionnisian. Prom. Arm. 5 no. 11:43 N '62.

INFRARED RAYS

Infrared absorption in heavily doped germanium. V. S. Bagaev, G. P. Proshko, A. P. Shotov. Fiz. tver. tela 4 no. 11:3228-3235 N '62.

Solov'ev, L. D. [Infrared singularities in electron-proton scattering] Infrakrasnye osobennosti v elektron-protonnom rasseianii. Dubna, Ob"edinennyi in-t iadernykh issledovanii, 1962. 4 p. [With summary in English]

INFUSORIA

A case of parasitism of Tetrahymena in the flatworm Microstomum [with summary in English]. A. V. Ivankovskii. Vest. LGU 17 no. 21:153-155 '62.

INGOT MOLDS

Increasing the durability of ingot molds. E. Sh. Barskii. Metallurg 7 no. 12 16-17 D '62.

INGUR VALLEY—PAPER INDUSTRY—BY-PRODUCTS

Use of pyrite cinder from the Ingur Paper Combine in the production of basic pig iron. M. A. Kekelidze and others. Trudy Inst. met. AN Gruz. SSR 12 3-17 '62.

INHALATION THERAPY

Effect of some antispastic substances on the absorption of inhaled antitubercular drugs [with summary in French]. N. M. Kulik. Probl. tub. no. 7 87-92 '62.

INHERITANCE AND SUCCESSION

From the practice of notarial agencies. Sov. just. no. 11:32 Je '62.

From the practice of notarial agencies. Sov. just. no. 12:31 Je '62.

INHIBITION (CHEMISTRY)

Inhibiting properties of stabilizers studied by the thermomechanical method. Part 2. Organotin compounds as stabilizers of polyvinyl chloride under the effect of high temperatures and gamma rays [with summary in English]. M. N. Shtiding, V. L. Karpov. Vysokom. soed. 4 no. 12 1806-1811 D '62.

INLAND NAVIGATION

Grigor'ev, S. N. [Beaconage and the principles of navigation] Sudokhodnaia obstanovka i osnovy sudovozhdeniia. Moskva, Izd-vo "Rechnoi transport," 1962. 245 p.

INLAND WATER TRANSPORTATION
(see also subdivision under Cheremshan River; Poland; Russia, Northern; Vychegda River)

Frontiers of the seven-year plan are calling. A. Filippenko. Rech. transp. 21 no. 12 20-21 D '62.

In the Collegium of the Ministry of the River Fleet. Rech. transp. 21 no. 12:44 D '62.

In the technical council of the Ministry of the River Fleet. Rech. transp. 21 no. 12 44 D '62.

Let us put into operation the decisions of the November plenum of the Central Committee of the CPSU. Rech. transp. 21 no. 12:2-3 D '62.

Mathematical expression of communications; based on the materials of inland water transportation [with summary in English]. A. A. Petrov. Vest. LGU 17 no. 23: 111-116 '62.

INLAND WATER TRANSPORTATION—ACCOUNTING

New norms for amortization deductions in the fleet. M. Vul'fson. Rech. transp. 21 no. 12 14-16 D '62.

INLAND WATER TRANSPORTATION—CONGRESSES

Interbasin seminar. Rech. transp. 21 no. 12 44 D '62.

INLAND WATER TRANSPORTATION—EMPLOYEES

Each one can work better. Rech. transp. 21 no. 12: 6 D '62.

Steady improvement of work organization. P. Kuznetsov. Rech. transp. 21 no. 12:7 D '62.

INLAND WATER TRANSPORTATION—LAW AND LEGISLATION

Russia (1917- R. S. F. S. R.) Ministerstvo rechnogo flota. [Industrial safety in river transportation] Okhrana truda na rechnom transporte; sbornik rukovodiashchikh dokumentov. Moskva, Izd-vo "Rechnoi transport," 1962. 432 p.

INSCRIPTIONS, GREEK see subdivision under Mithridat Mountain; Panticapaeum

INSECT BAITS AND REPELLENTS

Insecticidal properties of aqueous solutions of chlorophos with ammonium carbonate and their use for housefly extermination in Central Asia. I. V. Gvozdeva. Med. zhur. Uzb. no. 3:15-18 Mr '62.

INSECT TRAPS

Use of light traps in the mountain areas of the Western Sayan. R. I. Zemkova. Zashch. rast. ot vred. i bol. 7 no. 6:45 Je '62.

INSECTICIDES

Chemical control of the ground beetle Zabrus tenebroides. N. K. Egorova. Zashch. rast. ot vred. i bol. 6 no. 8:21-22 Ag '61.

Chemicals for controlling forest pests; review of articles. Les. khoz. 15 no. 7:43-46 Jl '62.

INSECTICIDES (Continued)
Chlorinated turpentine for controlling insects N N Egorov, M V Livadin, S S Plumikov Zashch rast ot vred i bol 7 no 2 27 F '62

Chlorine organic insecticides (continuation) E F Granin Zashch rast ot vred i bol 7 no 6 41-42 Je '62

Fertilizer mixed with insecticide G K Kalibergenov and others Zashch rast ot vred i bol 7 no 8 35 Ag '62

It is possible to exterminate the San Jose scale V. V. Smolyaninov Zashch rast ot vred i bol 7 no 6, 38-39 Je '62

Phosphamide, tedion, and kelthane in the protection of citrus fruits, P. I. Nitrofanov, S. N. Terent'ev, Zashch. rast ot vred i bol 6 no 8 29-30 Ag '61.

Poisons for controlling soil-inhabiting pests D M Pavlin, I N Nazonova Zashch rast ot vred i bol 5 no 2 39-40 F '60

Results of testing new insecticides during 1961, P. V. Nazonov Zashch rast ot vred i bol 7 no 6,54-56 Je '62

Safety measures in dusting and spraying plants and the use of other methods for applying poisonous chemicals Zashch rast ot vred i bol. 7 no. 4 46 Ap '62

Structure and permeability of the cuticula of insects L M Semenova Zashch rast ot vred i bol 7 no 2 34-35 F '62

INSECTS
(see also subdivision under Antarctic regions)

Vasil'kov, I. A. [With a motion-picture camera in the world of insects, scenario] S kinoapparatom v mire nasekomykh, stsenarii. [Moskva] Iskusstvo, 1962. 133 p.

INSECTS—ANATOMY

Structure and permeability of the cuticula of insects L M Semenova Zashch rast ot vred i bol 7 no 2 34-35 F '62

INSECTS, INJURIOUS AND BENEFICIAL see subdivision under Egypt, Gorno-Altai Autonomous Province, Karaganda Province; Kazakhstan, Lithuania; Ossetia, North, Siberia, Eastern

INSECTS, INJURIOUS AND BENEFICIAL—BIOLOGICAL CONTROL

Introduction of Entomophaga and micro-organisms for controlling imported pests N N Shutova Zashch rast ot vred i bol 7 no 2 48-50 F '62

Use and develop methods of biological control N A. Talenga Zashch. rast ot vred i bol 7 no 6 11-13 Je '62

INSECTS, INJURIOUS AND BENEFICIAL—CONTROL
(see also subdivision under Murmansk Province)

Combine rationally the biological and chemical methods I A Rubtsov Zashch. rast ot vred. i bol 7 no. 4 20-21 Ap '62

Folding insect nets, B A Borobiev Zashch rast ot vred i bol 7 no 6,46 Je '62

New methods for pest control, A. M. Emme. Zashch rast. ot vred i bol. 6 no. 8 53 Ag '61.

Protecting legume sprouts against pests, E. I. Petrukha Zashch. rast. ot vred. i bol. 7 no 4 41-43 Ap '62

INSECTS, MARKING OF

Applying radioactive isotopes for marking insects, S V Andreev, V A Molchanova, B. K Martens Zashch rast ot vred i bol 5 no. 2 45-47 F '60.

INSOMNIA

Agrypnotic syndrome in vascular and traumatic diseases of the brain and neuroses and the change in it under the influence of electrosleep. E I Kulikova (Lebedinskaia). Trudy Gos. nauch.-issl. inst. psikh 25 763-776 '61

Dynamics of the bioelectrical activity of the brain and the state of the capillaries in cerebral atherosclerosis with insomnia during the period of electrosleep therapy. E. I. Kulikova (Lebedinskaia). Trudy Gos. nauch.-issl. inst. psikh. 25 228-242 '61.

Treatment with noksiron of sleep disorders. E. L. Kaganovskaia, B. I. Khavin Trudy Gos. nauch.-issl. inst. psikh. 25 795-799 '61.

INSTALLMENT CONTRACTS

Installment contracts IA Kunik. Sov. iust no. 12:16-18 Je '62.

INSTRUMENT INDUSTRY

Activity of the Main Testing Laboratory in controlling production quality of the instrument industry. V.L. Sokolov. Izm. tekh. no. 12:1-4 D '62.

To the summits of progress. Priborostroenie no. 11 1-2 N '62.

INSTRUMENT INDUSTRY—PRODUCTION STANDARDS see subdivision under White Russia

INSTRUMENT MANUFACTURE

Series of chill molding machines in foundries of instrument manufactures, M. G. Parnes. Lit. proizv. no. 11: 14-15 N '62.

Thermoelastic stresses in radio parts used in the manufacture of instruments. IU M Volokobinskii, K. E. Medvedev Izv vys. ucheb. zav., prib. 5 no 6 101-109 '62

INSTRUMENTS

New instruments and machinery. Mekh i avtom. proizv. 16 no. 11 18-19, 52-58 N '62.

INSTRUMENTS—TECHNOLOGICAL INNOVATIONS

Russia (1923- U. S. S. R.) Komitet po delam izobretenii i otkrytii [Inventions, manufacture of instruments and automatic control devices] Sbornik izobretenii, priborostroenie i sredstva avtomatizatsii. Moskva, TSentr. biuro tekhn. informatsii, 1961 286 p (Sborniki otechestvennykh izobretenii)

INSTRUMENTS, ELECTRIC see Electric instruments

INSULATING MATERIALS

Sealing and insulating joints of outer walls G. Dubravin Strol i arkhit Mosk 11 no 10 13-14 O '62

Using straw in rural construction P. Krutov. Sel'. strol 16 no 2 14-15 F '62

INSULATING OILS

Aging of solid electric insulating materials subject to the action of oxidizing agents contained in transformer insulating oil M. I. Shakhnovich, R. A Lipshtein Vest elektroprom. 33 no 12 25-28 D '62.

Low-viscosity insulating oils for electric cables and equipment carrying voltages in excess of 220 kv. R. V. Kulakova, M. G. Kopkin. Vest. elektroprom. 33 no. 12,22-25 D '62

Measuring the dielectric losses of insulating oils. M. V. Khomiakov Energetik 10 no. 10:34-36 O '62

INSULATION (HEAT)

Improving the insulating properties of large-panel buildings S Permiakov, I Telegina. Strol i arkhit Mosk 11 no 1 31-36 Ja '62

INSULIN

Effect of insulin and γ-aminobutyric acid on the action of hyaluronidase [with summary in English]. IU. M. Demin Vop. biokhim. 2,115-127 '61.

Effect of insulin on the activity of alkaline and acid phosphatases in some organs of rats [with summary in English]. A S. Oganesian, G. A Turabian. Vop. biokhim. 2:159-164 '61.

Histochemical analysis of the mechanism of the effect of γ-aminobutyric acid and insulin on the transport of glucose in tissues [with summary in English]. A A. Galoian, R F. Manasian, R M Sraplonian. Vop. biokhim. 2:109-114 '61.

Insulin therapy of functional disorders in the rumen of cattle Z P Nazarkevych, M M Mariyniuk Visnyk sil'hosp nauky 5 no 11 106-106 N '62

INSURANCE, LIABILITY

Liability insurance. N Malein Sov. iust no 11:22-23 Je '62

INSURANCE, SOCIAL
(see also subdivision under Kolomna, Poland; Saratov Province)

Calculating payments in cases of temporary disability under a piecework wage system K Batygin Okhr truda i sots strakh 5 no 11 11-12 N '62

Finance group of the Commission on Social Insurance I Khokhlachev Okhr truda i sots strakh 5 no. 11 36-37 N '62

Letters from the editor. Sov. profsoiuzy 18 no. 23:44 D '62.

INSURANCE, SOCIAL—CONGRESSES

Exchange of experience is a valuable form of international cooperation. V Borisov Okhr. truda i sots strakh. 5 no 11 4-6 N '62.

INTA DISTRICT—GEOLOGY, STRATIGRAPHIC

Mode of occurrence of the skin of Lower Permian vertebrates in the Inta coal deposit IU N. Prikhod'ko Izv Komi fil Geog ob-va SSSR no 7 115-119 '62

INTA DISTRICT—VERTEBRATES, FOSSIL

Mode of occurrence of the skin of Lower Permian vertebrates in the Inta coal deposit IU. N Prikhod'ko Izv Komi fil Geog ob-va SSSR no. 7, 115-119 '62.

INTAKES (HYDRAULIC ENGINEERING)

Godes, E. G. [Construction of intakes] Opyt stroitel'stva vodozabornykh sooruzhenii. Leningrad, Gosstroiizdat, 1962. 189 p.

New combination-type water intake [with summary in English]. S. A. Bryzgalov. Izv. TSKHA no. 4:173-180 '62.

Operation of seepage intakes A. F. Poriadin. Vod. i san tekh. no. 11:9-11 N '62.

INTEGRAL EQUATIONS

A dispersion equation for an ordinary wave, which takes the wave magnetic field into account, V. P. Gor'kov Vest. Mosk. un. Ser. 3 Fiz., astron. 17 no. 6:28-31 N-D '62.

Integral equations for current harmonics on the surface of solids of revolution. V. V. Kravtsov. Vest. Mosk. un Ser. 3: Fiz., astron. 17 no. 6:11-18 N-D '62.

Liapunov's and Schmidt's methods in the theory of nonlinear equations and their further development. M. M. Vainberg, V. A. Trenogin Usp. mat. nauk 17 no 2 13-75 Mr-Ap '62.

On certain systems of integral equations of the convolution type. I. B. Simonenko Izv vys. ucheb. zav., mat no. 6:119-130 '62

INTEGRALS

Integral method of measuring the discharge of natural rivers. O N Borisul. Trudy GGI no. 90 1-19 '62.

Practice of integral measuring of the discharges of the Syr Darya River V. S. Gorshkov. Trudy GGI no. 17-55 '62

INTEGRALS, GENERALIZED

Continual integrals connected with evolutional operator equations IU. L. Daletskii Usp. mat. nauk 17 no 3-115 S-O '62

INTEGRALS, MULTIPLE

Cubature formulas for computing integrals over a hypersphere. I. P. Mysovskikh. Dokl. AN SSSR 147 no. 3:552-555 N '62.

INTELLECTUAL LIFE see subdivision under Russia

INTELLIGENCE SERVICE see subdivision under United States

INTERCOMMUNICATION SYSTEMS

Russia (1923- U. S. S. R.) Gosudarstvennyi komitet po voprosam truda i zarabotnoi platy [Presently manufactured Soviet equipment for industrial intercom and information transmission] Sredstva peredachi informatsii i peredachi informatsii v proizvodstvo vypuskaemye promyshlennostiu SSSR, obzor. Moskva, 50 p 147 p.

INTERCONNECTED ELECTRIC UTILITY SYSTEMS

Concerning V. M. Gornshtein's reply to the reviewers' "Optimum operating modes of hydroelectric power stations in consolidated power systems." V. V. Bobrov, V. N. Gusev, P. P Dologov Elektrichestvo no 12 74 D '62.

[Establishment of the consolidated electric power distribution system] Za sozdanie edinoi energeticheskoi sistemy; materialy seminara. Moskva, Orgenergostroi, 1961. 102 p. (Iz opyta energeticheskogo stroitel'stva)

Experience in operating two consolidated electric power plants. D. I. Zhernakov. Elek. sta. 33 no. 11 [illegible] '62.

Fundamental principles of optimum load distribution and supply of electric power with considerations of losses D O Seifulla Trudy MEI no 35 215-242 '61

Principles of the calculation of relationships for determining the operating modes of hydroelectric power stations in a consolidated electric power system. V. V. Semenov Trudy MEI no 35 65-105 '61

Principles of the theory of the calculation of the installed capacity of a cascade of hydroelectric power stations operating in interconnected electric power systems V. V. Semenov Trudy MEI no 35 [illegible] '61

INTERFERENCE (LIGHT)

Recording of an achromatic band of an interference image in white light. IU. I. Trulev. Trudy inst. Kom. stand., mer i izm. prib. no. 50:11-14 '61.

INTERFERENCE (SOUND)

Demonstration of Quincke's experiment in a large auditorium. B. Sh. Perkal'skii Izv. vys. ucheb. zav., fiz no. 5:180 '62.

INTERFEROMETERS—TESTING

Comparing interferometers of the Institutes of the Committee. E. P. Alekseeva, O. IU Shoshina Trudy inst Kom. stand., mer i izm. prib no. 17 69-70 '61

INTERFEROMETRY

Apodization in Fourier spectrometry. P. L. Parshin Opt. i spektr. 13 no. 5,740-745 N '62

Effective reception area of a radio interferometer. B. M. Chikhachev. Trudy Fiz. inst. 17 137-140 '62.

Interference method for measuring angles I. N. Ivanchagova, V. IA. Eidinov Trudy inst Kom. stand., mer i izm. prib. no. 47 130-150 '61.

Interference method for measuring scales up to 70 m N. V. Trofimova. Trudy inst Kom. stand., mer i izm. prib. no. 47 113-126 '61.

Photoelectric device for length measurements using interference bands V. P. Koronkevich, IU. I. Trulev. Trudy inst Kom. stand., mer i izm. prib. no. 47:155-158 '61.

Precision in measuring deviations from the plane of the interference method. E. A. Volkova Trudy inst Kom. stand., mer i izm. prib. no. 47 177 '61

INTERIOR BALLISTICS see Ballistics, Interior

INTERIOR DECORATION

Interiors of public buildings and buildings serving cultural and service needs. IU. Gal'perin. Stroi i arkhit Mosk. 11 no. 11:33-36 N '62.

INTERMETALLIC COMPOUNDS

Domain structure of the Mn_5Ge_3 intermetallic compound A. Vrzhesinskoe. Fiz. met. i metalloved 11 no 2 182-185 Ag '62.

Investigating the structure of K-absorption spectra of transition metals in intermetallic compounds with aluminum and silicon. S. A. Nemnonov and others Fiz. met. i metalloved 11 no 5 666-672 N '62

INTERMETALLIC COMPOUNDS—ELECTRIC PROPERTIES

Some electric properties of the intermetallic compound β-Zn_4Sb_3 IA. A. Ugai, E. M. Averbakh, V. V. Tarasov Fiz. tver. tela 4 no 11 3165-3166 N '62

INTERMETALLIC COMPOUNDS—MAGNETIC PROPERTIES

Magnetic properties of the intermetallic compound Mn_5Ge_3. S. S. Levina, V. N. Novogrudskii, I. G. Fakidov Fiz. tver. tela 4 no 11 3165-3166 N '62

INTERNAL FRICTION

Negative ΔG-effect and the magnetic internal friction in nickel depending on heat treatment I. B. Kekalo, B. G. Livshits. Fiz. met. i metalloved 14 no. 2 224-230 Ag '62.

INTERNAL MEDICINE see Medicine, Internal

INTERNAL REVENUE

Millionshchikov, A. D., comp. [Album of charts and tables for the course on "State income"] Al'bom risunkov i tablits k kursu "Gosudarstvennye dokhody." Moskva, Gosfinizdat, 1962. 53 p

INTERNATIONAL AGENCIES

International foreign exchange and financial organizations are the tools of neocolonialism. K. Chizhov Fin. SSSR 24 no. 11 86-93 N '62.

INTERNATIONAL ASSOCIATION OF LEGAL SCIENCE

For the more active work of the International Association of Legal Science. P. S. Romashkin, O. V. Bogdanov. Sov. gos. i pravo 32 no. 12 126-128 D '62.

INTERNATIONAL COMPETITION see Competition, International

INTERNATIONAL COOPERATION
(see also subdivision under Communist Countries)

Peaceful coexistence and international cooperation. IU. A. Krasin. Vest. Mosk. un. Ser. 8: Ekon., filos. 17 no. 6: 68-80 N-D '62.

INTERNATIONAL CORRESPONDENCE

Correspondence with the Hermannsdorf (GDR) kindergarten. M. Solov'eva. Doshk. vosp. 35 no 12 110-111 D '62.

INTERNATIONAL ECONOMIC RELATIONS

Peaceful coexistence and international cooperation. IU. A. Krasin. Vest. Mosk. un. Ser. 8: Ekon., filos. 17 no. 6: 68-80 N-D '62.

INTERNATIONAL LABOR ORGANIZATION—CONGRESSES

Demands of the time and the International Labor Organization. A. Bordadyn Sots. trud. 7 no 11 22-31 N '62.

INTERNATIONAL LAW

Bolgov, R. L. [Present-day international law; its objective premises and social purposes] Sovremennoe mezhdunarodnoe pravo; ob"ektivnye predposylki i sotsial'noe naznachenie. [Leningrad] Izd-vo Leningr. univ., 1962. 113 p.

The Soviet Union Republics are equal subjects of international law. M. V. Ianovskii. Sov. gos. i pravo 32 no. 12 55-64 D '62

Technological progress and present-day international law. M. I. Lazarev. Sov. gos. i pravo 32 no. 12 102-110 D '62.

INTERNATIONAL POLAR YEAR, 2d, 1932-1933

Important stage in the development of science. E. Sasim. Mor. flot 22 no 9 40-41 S '62.

INTERNATIONAL RELATIONS

Glagolev, V. F. [Socialism is the decisive force of the present time] Sotsializm - reshaiushchaia sila sovremennosti. Moskva, Gospolitizdat, 1962. 70 p.

Problem of solving contradictions between the two world systems in modern bourgeois and revisionist sociology. B. G. Dolgodilin. Vest. Mosk. un. Ser. 8: Ekon., filos. 17 no. 6: 81-80 N-D '62.

INTERNATIONAL RELATIONS—BIBLIOGRAPHY see Bibliography—International relations

INTERNATIONAL RELATIONS—STUDY AND TEACHING

Popular universities of international relations. Mezhdunar. zhizn' 10 no. 1: 182-183 Ja '63.

INTERNATIONAL RELIEF

Avotina, E., J. Dzirkalis, and V. Petersons. [Who are Daugavas Vanagi (Hawks of Daugava)] Kas ir Daugavas vanagi. Riga, Latvijas Valsts Izdevnieciba, 1962. 126 p. [In Latvian]

INTERNATIONALISM

Soviet patriotism and socialist internationalism I. Kardashov Voen. znan. 38 no 12 16-18 D '62.

INTERSTELLAR GASES see Gases, Interstellar

INTESTINES—ABNORMITIES AND DEFORMITIES

Rare case of anomalous location of the large intestine. G. V. Savchenko Khirurgiia 38 no 10-123 O '62

INTESTINES—DISEASES
(see also subdivision under Regal)

Effect of a high protein diet on the formation and excretion of some enzymes by the small intestine in chronic enteritis and enterocolitis [with summary in English]. K. B. Bakhadyrov. Vop. pit. 21 no. 4 35-41 Jl-Ag '62.

Out-of-town session of the Academy of Medical Sciences in Alma-Ata. G. M. Varshavskii. Zdrav. Kazakh. 22 no 3 67-71 '62

Some aspects of the problem of intestinal infections. V. L. Troitskii. Vest. AMN SSSR 17 no. 9 68-75 '62.

INTESTINES—FOREIGN BODIES

Rare case of perforation of the intestinal wall by foreign bodies with the formation of an arteriovenous aneurysm. Khirurgiia 38 no 10 124-125 O '62

INTESTINES—INFARCTION

X-ray diagnosis of intestinal infarcts [with summary in English]. N. V. Kolesova. Klin. med. 40 no. 10 53-59 O '62.

INTESTINES—INTUSSUSCEPTION

Invagination in Meckel's diverticulum. V. M. Avdeicheva, P. S. Bliumin, A. A. Nikolaev. Vest. khir. 89 no. 9 122-123 S '62.

INTESTINES—MICROBIOLOGY

Direct determination of the sensitivity of the intestinal microflora to antibiotics A. A. Chupin Lab. delo 8 no 3: 42-43 My '62.

Grisein resistivity of intestinal micro-organisms [with summary in English] A. A. Chupin. Mikrobiologiia 31 no. 3 486-489 My-Je '62.

Intestinal microflora in chlortetracycline and vitamin therapy of dysentery [with summary in English]. N. I. Korabel'nikova, A. L. Buldakova. Antibiotiki 7 no. 9 822-825 S '62.

Occurrence of enteroviruses in healthy children [with summary in English] A. Voirnic. Izv. AN Latv. SSR no 7: 97-102 '61.

INTESTINES—OBSTRUCTIONS

Change in the protein fractions of the blood in acute intestinal obstruction. A. S. Synovets Vrach. delo no. 12: 52-54 D '62.

Rare complication in the treatment of prostatitis V. V. Vlasov. Urologiia no 5, 62-63 '62

INTESTINES—SURGERY

Diagnosis of incompetent sutures in esophago-intestinal anastomosis. V. A. Ivanov Vest. khir. 89 no. 9 117-119 S '62.

Surgical technics in inflammatory diseases of the intestines. V. M. Grishkevich. Vest. khir. 89 no. 9 129-130 S '62

INTESTINES—TRANSPLANTATION

Case of the plastic formation of an artificial esophagus from the large intestine in simultaneous burns of the esophagus and stomach M. P. Pavlovskii Khirurgiia 38 no 10 116-117 O '62

INTESTINES—TUBERCULOSIS

Rare forms of intestinal tuberculosis. E. N. Loginov Probl. tub. no. 7: 100-102 '62.

INTRAOCULAR PRESSURE

Effect of octatensin on the intraocular pressure in glaucoma patients [with summary in English] N. A. Pleteneva, S. M. Sukhieva. Vest. oft. no. 5: 28-26 '62.

Most frequent levels of normal physiological intraocular pressure D. V. Kantor, IA. Z. Grunfest, G. M. Vendrova Vest. oft. no. 5: 18-20 '62.

INVARIANTS

Detailed classification of indecomposable second-order curves on a Lobachevskii plane with the aid of focal directorial invariants S. L. Pevzner. Izv. vys. ucheb. zav., mat. no. 6: 85-90 '62

Theory of the invariance of inertia systems based on the recording method. N. I. Efremov. Izv. vys. ucheb. zav.; prib. 5 no. 6: 77-81 '62.

INVENTIONS
(see also subdivision under Transcaucasia)

Stops on slippery roads. V. Tarasov. Ogonek 40 no. 40: 31 S '62.

INVENTIONS—BIBLIOGRAPHY see Bibliography—Inventions

INVESTMENTS, AMERICAN see subdivision under Europe, Western

INVESTMENTS, FOREIGN see subdivision under Greece; Latin America; Siberia, Eastern

IODINE

New determination of the equilibrium constant of $I_2+I^- \rightleftarrows I_3^-$ by the distribution method. I. N. Rengevich, F. A. Shilov. Ukr. khim. zhur. 28 no 9 1060-1066 '62.

Simultaneous introduction of iodine and nitro groups into aromatic hydrocarbons of the polyphenyl series A. N. Novikov, T. A. Khalimova Zhur. VKHO 7 no 6 698 '62

IODINE—ANALYSIS

Determining iodine in various biological materials M. S. Veretka. Vlasyk silsh. hosp. nauky 5 no. 10 120-121 O '62

IODINE—ISOTOPES

Thyroid gland in healthy subjects and in goiter patients living in endemic foci of Andizhan Province and the Namangan group of districts of the Uzbek SSR as revealed by data from radioiodine diagnostics. R. L. Iakimbekov, T. A. Bekbatov Med. zhur. Uz. no. 4 19-25 Ap '62

IODINE BROMIDE

Use of an aqueous solution of iodine bromide in potentiometric titration. S. N. Ivanenko, A. I. Gorpinevich, A. M. Murtazaev Uzb. khim. zhur. 6 no. 4 31-32 '62.

ION BEAMS

Angular relationships of the breakdown of metals by ion beams. V. A. Molchanov, V. G. Telkovskii, L. V. AN SSSR. Ser. fiz. 26 no. 11, 1359-1361 N '62

Electron emission from metals induced by light ions. U. A. Arifov and others. Izv. AN SSSR Ser. fiz. 26 no 11 1103-1109 N '62

Electron emission induced by the bombardment of metals with certain ions of inert gases in the energy region not exceeding 50 kev U. A. Arifov, R. R. Rakhimov, O. V. Khozinskii. Izv. AN SSSR, Ser. fiz. 26 no. 11: 1398-1401 N '62.

ION EXCHANGE

Kinetics of ion exchange on vermiculite. V. M. Nikolaev, V. I. Bagretsov, A. R. Bekturov, Zhur. prikl. khim. 35 no. 11 2114-2120 N '62.

Preparation of nonaqueous solutions of thiocyanic acid by the ion exchange method [with summary in English] G. M. Varshal, M. M. Seniavin Zhur. anal. khim. 17 no. 7 903-904 O '62

State of germanium and arsenic in solutions and their separation by means of ion exchange R. M. Dranitskaia, A. I. Gavril'chenko, A. A. Morozov Ukr. khim. zhur. 28 no. 7 866-870 '62

Study of the exchange dynamics of univalent anions on the EDE-10P anion exchanger based on the rate of solution flow. IU. A. Tolmachieva, A. I. Davydov Izv. vys. uch. zav., khim. i khim. tekh. 5 no. 4: 579-584 '62.

ION EXCHANGE RESINS

"Active" and "inactive" sulfur of cation exchangers. M. N. Tsypina, G. I. Makhnovetskaia, V. V. Sergeeva, Zhur. prikl. khim. 35 no. 11 2410-2411 N '62

Concentration of small quantities of uranium on ion-exchange resins with its subsequent spectral determination [with summary in English] T. M. Morozhkina Zhur. anal. khim. 17 no. 6, 964-965 N '62

Davankov, A. B. [Ion exchangers] Ionity. Moskva, Izd-vo "Znanie," 1962. 40 p. (Novoe v zhizni, nauke, tekhnike. IV Seriia: Tekhnika, no. 24)

Desorption of silver and the regeneration of electron exchange resins by the electrochemical method. A. B. Davankov, I. A. Aptova. Zhur. prikl. khim. 35 no. 10 2171-2175 O '62.

New method for determining the exchange capacities of anion exchangers. IUrii Shtenberg, Frantishek Ilkanich. Zhur. prikl. khim. 35 no. 10 2295-2302 O '62.

Synthesis and study of reactive polyelectrolytes Report No 1 M. IA. Romanikevich, V. G. Smiavskii, M. M. P. Tsvigunova Ukr. khim. zhur. no 9 1096-1099 '62

Thermal desulfurization of the hydrogen form of the KU-2 resin in some hydrocarbon media. N. G. Polianskii, P. P. Tulugov. Zhur. prikl. khim. 35 no. 10 2281-2287 O '62.

Using ion exchange resins in the analysis of pentose hydrolysates IU. E. Kalkovich Gidroliz i lesokhim. prom. 15 no 8 18-20 '62

IONIC CRYSTALS

Ionic and covalent cationic radii in oxides. E. V. Ermolaeva, L. V. Skorobogatova. Sbor. nauch. trud. UNIIO no. 5 303-311 '61.

Light dispersion in the region of exciton absorption in ionic crystals containing microdefects. IU. P. Krasnyi. Fiz. tver. tela 4 no. 12: 3512-3521 D '62.

Theory of chemisorption on polar crystals. E. L. Nagaev. Kin. i kat. 3 no 6: 907-914 N-D '62.

Use of Houston's generalized method in solving thermodynamic problems in the case of NaCl type ionic crystals. N. V. Kudriavtsev. Izv. vys. ucheb. zav.; fiz. no. 5: 46-49 '62.

IONIZATION

On the theory of field ionization of local states. IU. E. Perlin, A. G. Cheban Fiz. tver. tela 4 no 11, 3220-3227 N '62.

IONIZATION (Continued)

Radiative corrections to energy losses of particles in a medium [with summary in English] V.N.TSytovich. Zhur.eksp.i teor.fiz. 13 no.5;1782-1794 N '62.

Relation between the intensity of the ionization burst and the shower intensity in high-pressure chambers D D Krasil'nikov Trudy IAF AN SSSR Ser fiz. no 4 15-18 '62

Variation of the dielectric loss in crystallizing polymers under the action of ionizing radiation N. I. Ol'shanskaia, B. I Vorozhtsov Izv. vys. ucheb. zav ,fiz. no 5:150-155 '62.

IONIZATION CHAMBERS

Distortion of the spectrum of ionization bursts by the amplifier. N. N. Dmitrieva, V A. Dmitriev Vest Mosk un. Ser 3 Fiz., astron. 17 no.5 7-10 N-D '62

IONIZATION OF GASES

Connection between ionization and heat emission during the burning by torch of methane-bearing gas. M. A. Glinko., B. F. D'iachkov. Izv. vys. ucheb zav., chern. met. 5 no 11 181-187 '62

IONOSPHERE

Critical parallels in the ionosphere. IA. IA. Gakkel'. Geog. sbor. no 15:45-46 '62.

IONOSPHERE—OBSERVATIONS

High-speed processes in the ionosphere. N. D. Bulatov, E. I. Khristova Radiotekhnika 17 no.12 10-32 D '62.

IONOSPHERIC RESEARCH

(see also subdivision under Dickson Island; Irkutsk; Khoysa Island, Leningrad, Sverdlovsk; Tikhaya Bay; Tiksi Bay)

Artificial satelites are probing the ionosphere. M. Dolukhanov. Radio no.11 10-11 N '62.

IONS

Average coordination numbers of ions in aqueous solutions as a measure of near hydration. V I Tikhomirov. Zhur. strukt. khim. 3 no 6,662-664 '62.

Changes in the charge of various ions due to their interaction with the residual gas. V.S. Nikolaev and others. Izv. AN SSSR Ser. fiz. 26 no 11;1430-1434 N '62

Dependence of the components of secondary ion emission on the energy, kind of ions, and material of the target. U. A. Arifov, Kh. Kh. Khadzhimukhamedov. Izv. AN SSSR. Ser fiz 26 no.11 1422-1425 N '62.

Dissociation cross sections for 3.5 - 100 kev. D_2^+ ions in collision with D_2 molecules [with summary in English]. S. E. Kupriianov, A. A. Perov, N. N. Tunitskii. Zhur eksp. i teor. fiz. 43 no 5;1636-1637 N '62.

Emission of charged particles from various substances when hit by grains of sand. A. I Akishin, IU. A. Doktorov. Izv. AN SSSR. Ser. fiz. 26 no.11 1435-1437 N '62.

Secondary emission from metals induced by positive ions. N. N. Petrov. Izv. AN SSSR. Ser. fiz. 26 no. 11 1327-1332 N '62.

Significance of the polarizing properties of ions for developing the compositions of low-melting types of glass I. I. Kitaigorodskii, V. G. Karpechenko, L A Grechanik Stek i ker 19 no 11 10-13 N '62

Some properties of secondary neutral ion emission. U. A. Arifov, N. N. Fliants, A. Kh. Alukhanov. Izv. AN SSSR. Ser. fiz. 26 no. 11 1414-1418 N '62.

Theory of ion-electron emission from a metal. L. M. Kishinevskii, E. S. Parilis. Izv. AN SSSR. Ser. fiz. 26 no. 11 1409-1410 N '62.

IONS—MIGRATION AND VELOCITY

Analytical method of processing observations in studying the distribution of atmospheric ions according to mobility. Kh. F Tammet. Trudy GGO no. 136 103-110 '62.

Ion transport number in concentrated aqueous solutions of some acids and alkalies. P. T. Merenkov Uzb. khim. zhur. 6 no. 5 35-46 '62.

Measurement of the transport number of ions relative to the solution. B. P. Konstantinov, V. P. Troshin. Zhur. prikl. khim. 35 no. 11;2420-2426 N '62.

Measuring the density of gas by the method of determining the transit length of lithium ions. IU A. Bragin. Trudy TSAO no. 42 116-118 '62.

Possibility of using the method of electrical catches for measuring the mobilities and concentrations of charged particles in the atmosphere. IU. A. Bragin. Trudy TSAO no 42 109-115 '62.

Using the time-of-arrival method to measure density. IU. A Bragin. Trudy TSAO no. 42 101-108 '62.

IONS—SCATTERING

Angular distribution of scattered secondary ions from light targets bombarded by heavy ions. U. A. Arifov, A. Kh. Alukhanov, A. A. Aliev. Izv. AN SSSR. Ser. fiz. 26 no. 11 1440-1445 N '62.

Scattering of alkali ions on a metal surface. U. A. Arifov, Kh. Kh. Khadzhimukhamedov. Izv. AN SSSR. Ser. fiz. 26 no. 11 1426-1430 N '62.

Scattering of light ions and atoms on atoms of a solid body. L. G. Gurvich. Izv. AN SSSR. Ser. fiz. 26 no. 11;1418-1421 N '62.

IRAN—AGRICULTURE

Agriculture of Iran. V. Andrianov. Ekon. sel'khoz. 33 no. 11 115-119 N '62.

IRAN—RELATIONS (GENERAL) WITH AZERBAIJAN

M F Akhundov and Iranian enlighteners of the 19th century [in Azerbaijani with summary in Russian]. Gamid Mamed-zade Izv AN Azerb. SSR Ser obshchestv nauk no 10 25-35 '62

M. F Akhundov's influence on the development of progressive social thought in Iran. A M. Agabli. Izv AN Azerb SSR Ser obshchestv nauk no. 10;75-84 '62

IRAN—STUDENTS

Traces of blood, traces of disgrace. N. Bekhruz Mol. mira no. 5/6 25-26 '62.

IRANIAN PHILOLOGY—CONGRESSES

Leningrad. Universitet. [Conference on Iranian philology; abstracts of reports] Nauchnaia konferentsiia po iranskoi filologii, tezisy dokladov. Leningrad, 1962. 51 p.
(MH)

IRAQ—ECONOMIC ASSISTANCE, RUSSIAN

Fruitful cooperation between the U. S. S. R. and Iraq [with summary in English, p. 51] B. Svechnikov. Vnesh. torg. 42 no. 12 12-16 '62.

IRITIS

Rare case of ankylosing spondylarthritis complicated by bilateral amaurosis due to iridocyclitis. S G Magil'nitskii. Vest. oft. no. 5;85-87 '62.

IRKUTSK—CONSTRUCTION INDUSTRY—HYGIENIC ASPECTS

Irkutsk story M Angarskaia Okhr truda i sots. strakh 5 no 11 26-27 N '62.

IRKUTSK—GUIDEBOOKS

Fridman, V. G., comp. [Irkutsk; tourist's handbook] Irkutsk; pamiatka turistu. [Irkutsk] Irkutskoe knizhnoe izd-vo, 1961. 86 p.

IRKUTSK—IONOSPHERIC RESEARCH

Akademiia nauk SSSR. Institut zemnogo magnetizma, ionosfery i rasprostraneniia radiovoln. Irkutsk. Moskva, (Its Materialy ionosfernykh issledovanii)
May-June. 1959. 1962. 63 p.
[MICROFILM]

IRKUTSK PROVINCE—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

Irkutsk party organization in the struggle for the development of the national economy during the years of the third five-year plan, 1938 - June 1941. P. Kh. Grebnev. Trudy Irk. un 29 3-13 '61

IRKUTSK PROVINCE—COOPERATIVE SOCIETIES—AUDITING AND INSPECTION

Efficient means in the effort to economize on cooperative dishwasher. S. Dunaevskii. Sov. potreb. koop. 6 no. 9 35-36 S '62.

IRKUTSK PROVINCE—ECONOMIC CONDITIONS

Irkutsk party organization in the struggle for the development of the national economy during the years of the third five-year plan, 1938 - June 1941. P Kh. Grebnev. Trudy Irk. un. 29 3-43 '61.

IRKUTSK PROVINCE—ESKIMO DOGS

Eskimo dog as a reliable helper of a hunter. A. Geits. Sov. potreb. koop. 6 no. 9;34 S '62.

IRKUTSK PROVINCE—FISH CULTURE

Present state and future development of pond fish culture in Irkutsk Province and the Buryat A.S.S.R. A. G. Egorov. Trudy sov. ikht. kom. no. 14;147-150 '62.

IRKUTSK PROVINCE—NUTS

Cedar nut growing on the Lena Industrial Farm. A. Skriabina. Sov. potreb. koop. 6 no. 9 32 S '62.

IRKUTSK PROVINCE—ROCKS, CARBONATE

Lithologic factors and their effect on reservoir properties of Lower Cambrian carbonate rocks in the Irkutsk amphitheater L P. Gmid, V. N Kalacheva. Trudy VNIGRI no 193 102-122 '62.

IRON

Conditions of precipitation of germanium with magnesium and iron. A. A. Shokol, L. P. Andrusenko Ukr. khim. zhur 28 no 9 1009-1013 '62.

Iron diffusion in hematite. V. I. Izvekov, N. S. Gorbunov, A. A. Babad-Zakhrapin. Fiz. met. i metalloved. 14 no. 2;195-199 Ag '62.

Oxidation of iron in melts containing lithium, sodium, and potassium carbonates. V. P. Kochergin, E. G. Kokourova Zhur. neorg. khim. 7 no. 11 2563-2567 N '62.

Reaction of germanium dioxide with iron. V. I. Davydov and others. Zhur. prikl. khim. 35 no. 11;2543-2546 N '62.

IRON—ANALYSIS

Separation of iron by extraction for its quantitative determination [with summary in English] IU. B. Klotenik Zhur. anal. khim 17 no. 7;868-873 O '62.

IRON—HYDROGEN CONTENT

Solubility of hydrogen in liquid iron bellow the boiling point. V. I. Lakomskii. Dokl. AN SSSR 147 no. 3; 628-629 N '62.

IRON—ISOTOPES

Analysis of the excitation functions for levels of the Fe^{56} nucleus in the case of inelastic neutron scattering on optical nuclear model D A. Kardashev and others. Atom. energ. 13 no. 6;507-508 D '62.

IRON—METALLOGRAPHY

Effect of small additions of carbon on the kinetics of recovery and recrystallization of alpha-iron I. N. Kazakov, F. E. Zaninchuk, V. S. Shkliov. Fiz. met. i metalloved. 14 no. 2 218-222 Ag '62.

Role of surface energy in the formation of cubic texture in silicon iron. IA N Kunakov, B G. Livshits Fiz. met. i metalloved. 14 no. 5 727-732 N '62

IRON ALLOYS—ELECTROMETALLURGY

Edneral, F. P., and A. F. Filippov [Calculations on the electrometallurgy of steel and ferroalloys] Raschety po elektrometallurgii stali i ferrosplavov. Izd 2 , ispr. i dop. Moskva, Metallurgizdat, 1962. 230 p.

IRON ALLOYS—METALLOGRAPHY

Electron microscopy and electronography of alloys on a pure iron base F. N. Tavadze, I. G. Sukhareva Trudy Inst. met AN Gruz SSR 12 167-172 '62

IRON ALLOYS—METALLURGY

Coke for the production of ferroalloys A. G. Bashkatov and others. Koks i khim. no. 11. 30-31 '62.

IRON ALLOYS—THERMAL PROPERTIES

Characteristic temperature of α-iron alloyed with manganese molybdenum, silicon and carbon A. T. Pinkevich, R. B. Gershman. Fiz. met. i metalloved. 14 no. 5 705-709 N '62.

IRON-ALUMINUM ALLOYS see Aluminum-iron alloys

IRON AND STEEL BUILDING see Building, Iron and steel

IRON AND STEEL PLANTS

(see also subdivision under Yugoslavia; Zaporozh'ye)

Important stage in the building of communism Metall 37 no. 12 1 D '62.

Overall mechanization of the assembly of the prefabricated elements of an open-hearth plant S. M. Rabinovich, P. A. Tarnashkin Mekh stroi. 19 no 10 7-8 O '62

IRON AND STEEL SHIPS see Ships, Iron and steel

IRON AND STEEL WORKERS see subdivision under Kuznetsk Basin

IRON AND STEEL WORKERS—EDUCATION AND TRAINING see subdivision under Zhdanov

IRON CATALYSTS

Hydrogenation of aldehydes and ketones in the presence of iron catalysts. A. A. Balandin, A. I. Lukina, I. V. Toptygina. Izv. AN SSSR, Otd. khim. nauk no 11 1931-1932 N '62.

IRON-CHROMIUM ALLOYS—THERMAL PROPERTIES

Evaluating the interatomic interaction in iron-chromium alloys at high temperatures. I. IA. Dekhtyar, V. I. Mikhalenkov, R. G. Fedchenko. Sbor. nauch. trud. po metallofiz. AN URSR no. 15 117-122 '62

IRON-COBALT ALLOYS

Neutron diffraction determination of the temperature dependence of the arrangement of atoms in a iron-cobalt alloy V. I. Gorman'kov and others Kristallografiia 7 no 5 788-790 S-O '62.

IRON-COBALT ALLOYS—MAGNETIC PROPERTIES

Temperature dependence of the induction of magnetic saturation of alloys in the system iron - cobalt - nickel P. Shchechenkova, A. D. Skokov. Fiz. met. i metalloved. 14 no. 5;797-799 N '62.

IRON FOUNDING

(see also subdivision under Armenia)

Chill mold conveyor for shaped iron castings of complex section parts. A. M. Monastyrskii. Lit. proizv. no. 11 40-41 N '62.

Effect of melting conditions on the gas-content of cast iron. L. I. Lavi. Lit. proizv. no. 11 23-24 N '62.

Elastic-plastic deformations in retarding the rate of change of white cast iron. V. I. Kaplii, IA. A. Smolianitskii. Izv. vys. ucheb. zav., chern. met. 5 no. 11 [illegible]

Kuznetsov, S. P. [Aid to an iron melter] V pomoshch' plavil'shchiku chuguna. [Chelyabinsk] Cheliabinskoe knizhnoe izd-vo, 1962. 133 p.

IRON FOUNDING—DEFECTS

Methods of avoiding defects in cast iron engine plates. IA. Shereshevskii, A. Koshelev. Rech. transp. 21 no. 12;29-30 D '62.

IRON IN THE BODY

Accumulation of iron in the liver, spleen, and bone marrow of rats depending on the nutritive value of food [in Latvian with summaries in English and Russian]. G. Solazommiece. Izv. AN Latv.SSR no 1 115-120 '61.

Character of the changes in the nonhemoglobin iron in serum and in the total iron of the blood in dogs following bloodletting. E. A. Gulieev. Biobl. genet. i perel. krovi no. 0;52-61'62.

IRON INDUSTRY see subdivision under Pantiapaeum

IRON-MANGANESE CHROMIUM ALLOYS CORROSION
Investigating the corrosion resistance of iron manganese chromium alloys [in Georgian with summary in Russian] V M Berezhkiani, G N Gulbarov Trudy Inst inst AN Gruz SSR 12 77-90 '62

IRON-MANGANESE CHROMIUM ALLOYS THERMAL PROPERTIES
Investigating the heat resistance of iron manganese chromium [in Georgian with summary in Russian] V M Berezhkiani & B IAkobashvili Trudy Inst inst AN Gruz SSR 12 61-75 '62

IRON METABOLISM
Some characteristics of iron metabolism in iron-manganese chlorosis [with summary in English] B A Rubin, I A Cherevkina, I M Kartashova Fiziol rast 9 no 6:657-662 '62

IRON MINES AND MINING
(see also subdivision under Kursk Magnetic Anomaly)
Moscow, Tsentral'nyi institut informatsii chernoi metallurgii. [Iron mining and ore dressing industry] Zhelezorudnaia promyshlennost'. Moskva, Gosgortekhizdat, 1963. 490 p. (Peklonic'heskii progress v chernoi metallurgii SSSR)

IRON-MOLYBDENUM ALLOYS HARDENING
Effect of the temperature of hardening on the internal friction and electric resistance of iron-molybdenum alloys. V.I. Baranova, V.A. Gudovik, I.I. Novikov, A.I. Rokotian. Zhur.prikl.khim. 35 no.11:2410-2415 N '62.

IRON-NICKEL ALLOYS
Effect of chloride ions on the kinetics of cathodic deposition of an iron-nickel alloy. V.V. Losev, A.I. Rokotian. Zhur.prikl.khim. 35 no.11:2410-2415 N '62.

IRON ORES
(see also subdivision under Altai Mountains, Dnieper Valley; Kerch Peninsula, Kostomuksha region, Altai Territory; Kolvoy Rog Basin, Kustanay Province; Kokpatas Valley, Svetlinsk region)
Shiftin, D.V. [How to search for iron ores] Kak iskat' zheleznye rudy. Izd.2. Moskva, Gosgeolizdat, 1963. 35 p. (Bibliotechka iskatelia poleznykh iskopaemykh)

IRON OXIDES
Mechanism of the electrochemical reduction of oxygen on oxidized iron. Report No.3. A.N. Afanas'ev, V.V. Losev and others. Elektrokhimiia 1 no.9:1061-1065 '65.
Mechanism of the low temperature reduction of iron oxide. I.N. Rodionov, I.I. Rodionova, I.V. Vinogradova, Zav.lab. 28 no.11:1311-1312 '62.
Using the electromotive force method in investigating a solid phase containing iron oxides at high temperatures. I.V. Tananaev, M.M. Mikulinskii. Zhur.prikl.khim. 35 no.7:1510-1514 '62.

IRON SALTS
Oxidation kinetics of iron (II) salts in aqueous solutions by oxygen under dynamic conditions. Report No.1. Order of oxidation reactions of iron (II) sulfate and chloride in relation to oxygen [with summary in English]. B.Matsevichiute, A.Vlasova, I.Tsepkus. Lit AN Lit.SSR no.1:124-136 '61.

IRON SILICIDE CRYSTALS MAGNETIC PROPERTIES
Temperature dependence of the magnetostriction of saturation of iron silicide single crystals. A.IA. Vlasov, L.I. Gurkova, I.V. Svechnikov, Izv.vys.ucheb.zav.fiz. no.5:156-160 '62.

IRON SILICIDES THERMAL PROPERTIES
Electrochemotive, heat capacity, enthalpy and entropy of iron silicides. R.P. Kuznetsova, P.V. Gel'd, Izv.vys.ucheb.zav., chern.met. 5 no.11:5-10 '62.

IRON-SILICON ALLOYS METALLOGRAPHY
Austenite-magnesium of α-iron. P.V. Gel'd and others. Izv.met.i metalloved. 4 no.2:288-290 Ag '62.

IRON-TUNGSTEN ALLOYS
Kinetics of oxidation of the alloy of iron with 9.7% tungsten at 740-960°C. M.A. IAtsuk, V.IA. Golomko, Zhur.prikl.khim. 35 no.10:2338-2343 O '62.

IRPEN' VALLEY SUGAR BEETS--FERTILIZERS AND MANURES
Effect of microelements, indole acid hydrazide and potassium on the productivity and quality of sugar beets. I.A. Shcherbakov. Vinnyk sil'skog.nauky 8 no.10:24-31 O '62.

IRRIGATION
(see also subdivision under Sulak Valley)
Economic conditions governing the inclusion of a pumping station in a hydrocenter in power and irrigation complex. Chzhou Chzhi-khao [Chou Chih hao]. Trudy MEI no.35:103-114 '61
Graphical method for planning the grading of fields for irrigation purposes. V.N. Kondrat'ev. Gidr.i mel. 14 no.11:14-24 N '62.
Possibilities of using plastic materials in irrigation and drainage construction [in Armenian with summary in Russian]. G.A. Karamian. Izv.otd.sup.sel'khoz. nauk i podgot.kad. Arm.SSR 5 no.4:69-77 '61.
Rubin, S.M., G.S. Bichutskii, and R.P. Brakengeimer. [Hydraulic mechanization in plant growing] Gidromekhanizatsiia v rastenievodstve. [Moskva] Mosk. rabochii, 1962. 26 p. (Ikh opyt dostupen vsem)
(DNAL)

Work with thin walls and a removable sill. V.V. Kondrat'ev. Gidr.i mel. 11 no.11:25-30 N '62.

IRRIGATION--CONGRESSES
[illegible] and use of plastic materials in irrigation and drainage construction, materials] Mekhanizatsiia gidromeliorativnykh rabot i ispol'zovanie plastmass v gidromeliorativnom stroitel'stve, materialy Mezhdunarodnogo nauchno metodicheskogo soveshchaniia. Moskva, Izd. VNIIGiM, 1962. 242 p.
Zonal scientific and technological conference on irrigation. N.I. Tolstov. Gidr.i mel. 11 no.11:61 N '62.

IRRIGATION, OVERHEAD see Sprinkler irrigation

IRRIGATION FARMING see subdivision under Nikolayev Province, Uzbekistan

IRSHAVA DISTRICT RETAIL TRADE
Our commodity exports no trade to pensioners. V. Rubchanskii. Sov.potrebkoop. 6 no.9:21 S '62.

IRTYSH CENTRAL KAZAKHSTAN CANAL see Irtysh-Karaganda Canal

IRTYSH KARAGANDA CANAL
Davydov, L.A. [The Irtysh will flow westward] Irtysh potechet na zapad. Alma-Ata, Kazakhskoe gos. izd-vo, 1962. 36 p.
[MICROFILM]

ISAKV, VASILII ISAEVICH, 1851-1911
V.I. Isaev, V.V. Ilinskaya. Sov.vrach.zhur. 21 no.12:64-68 '62.

ISHIM REGION RARE EARTHS
Perovskite, the new rare-earth mineral. A.N. Nurlybaev. Dokl.AN SSSR 147 no.3:680-681 N '62.

ISHIMBAY--MUNICIPAL SERVICES
Under one roof. A. Shumpanov, A. Sovyrkin. Zhil.kom.khoz. 12 no.6:18-19 Je '62.

ISMAILLY REGION--EROSION
Effect of unbridled timber on the development of erosive processes in the mountain forests of the Ismailly forest working circle. G.M. Rahimov. Izv.AN Azerb.SSR ser.biol.nauk no.6:84-88 '62.

ISOBARS see Atmospheric pressure

ISOCYANIC ACID
Synthesis of α,α,α trichloroalkyl ω isocyanates and α,α dichloroalkenyl ω isocyanates. I.N. Azerbaev, V.A. Petrunin. Zhur.VKHO 7 no.6:702-704 '62.

ISOMERISM
New data on the molecular compounds of stereoisomeric dithiotriglycols of the 1,4-bis(β-hydroxyalkyl) cyclohexane series. A.L. Liberman, G.L. Gal'perinova. Izv.AN SSSR, Otd.khim.nauk no.12:2091-2094 N '62.

ISOMERIZATION
Reaction of sulfonation. Part 56: Isomerization of toluenedisulfonic acids. T.I. Potapova, A.A. Spryskov. Izv.vyz.uch.zav.khim.i khim.tekh. 5 no.4:691-699 '62.

ISOMERS
Decay of some trifluorocarbonic isomers [with summary in English]. V.V. Ivanov and others. Zhur.eksp.i teor.fiz. 44 no.5:1649-1652 N '63.

ISOPERIMETRICAL PROBLEMS see Calculus of variations

ISOPHTHALIC ACID
Separation of terephthalic and isophthalic acids by extraction with hot methanol. G.N. Frolkin, V.N. Davydov. Zhur.prikl.khim. 35 no.11:2529-2536 N '62.

ISOPROPYL ALCOHOL
Kinetics and mechanism of the dehydrogenation of isopropyl alcohol in the liquid phase. S.L. Kiperman, N.V. Nikolaeva, L.K. Davydova. Trudy Inst. khim.nauk AN Uzbek.SSR 8:3-20 '62.
Reactions between tin oxides and isopropyl alcohol. V.A. Kommov, S.A. Abdulaeva, I.A. Chernikova. Kin.i kat. 3 no.6:920-920 N-D '62.

ISOPROPYL ETHER
Effect of temperature and dose rate on the radiolysis and radiation-induced oxidation of diisopropyl ether. V.V. Barinova and others. Kin.i kat. 3 no.6:866-869 N-D '62.

ISOTHERMS see Atmospheric temperature

ISOTOPES
Isotope effects in the structural properties of solid bodies. V.S. Isagan. Uch.zap.Erev.un. 78 no.1:59-67 '62.
Petrenko, I.G. [Isotopes in the geochemistry of caustobioliths] Izotopy v geokhimii kaustobiolitov. Moskva, Izd-vo Akad.nauk SSSR, 1962. 85 p.
Theory of impurity absorption near exciton bands in the case of isotopic substitution. I.I. Rashba. Fiz.tver.tela 4 no.11:3401-3410 N '62.

ISOTOPES--RESEARCH see subdivision under Germany, East

ISRAEL--AGRICULTURE, COOPERATIVE
Transformations of the African village. N. Govrilov, A. IAfanas'ev. no.12:13-15 D '62.

ITALY--AGRICULTURAL--ECONOMIC ASPECTS
Certain aspects of the contemporary development of Italian capitalism in agriculture. Vincenzo Vitello. Mir.ekon.i mezhdunar.otn. no.12:80-81 D '62.

ITALY--COMEDY FILMS
"Divorce Italian style." A. Gulev. Iskusstvo no.12:111-115 D '62.

ITALY--COMMERCE--RUSSIA
Fourteenth anniversary of the treaty with Italy. V. Borisov. Vneshn.torg. 12 no.12:21-22 '62.

ITALY--COMMUNIST PARTY--CONGRESSES
Communists and the interests of the nation. I. Troffimova. Nov.vremia 38 no.50:6-8 D '62.

ITALY--ECONOMIC CONDITIONS
"Present-day trends in Italian capitalism" [in Italian] by Antonio Pesenti and V. Vitelli. Reviewed by G.D. Kulagin. Vop.fil. no.12:171-172 D '62.

ITALY--EMBRYOLOGY, HUMAN
Disclosing the secrets of nature. Volov. Ateist no.6:12 Je '62.

ITALY--FOREIGN RELATIONS--ATTICA, NORTHEAST
Troffimov, V.A. [Policy of Great Britain and Italy in northeastern Africa in the second half of the 19th century; Ethiopia and Somalia] Politika Anglii i Italii v Severo-Vostochnoi Afrike vo vtoroi polovine XIX v. (Efiopiia i Somali). Moskva, Izd-vo Vostochnoi lit-ry, 1962. 203 p.

ITALY - FOREIGN RELATIONS--GREAT BRITAIN
Encounters with four-letter dictators (to be continued). A. Eden. Mezhdunar.zhizn' 10 no.1:120-128 Ja '63.

ITALY--MANUFACTURES
Valuable contribution to the development of trade. B. Viktorov. Vneshn.torg. 12 no.12:22 '62.

ITALY--MUSIC--PERIODICALS
Voice of the people. Sov.muz. 26 no.11:122-123 N '62.

ITALY - STEEL INDUSTRY
What the exhibition of Italian metallurgy showed us. Vneshn.torg. 12 no.12:24 '62.

IVANOV, GEORGII AKOVLEVICH, 1897-1962
G.I. Ivanov, obituary. Mikrobiologiia 32 no.5:861 '63.

IVANOV, KONSTANTIN VASIL'EVICH, 1890-1915
Dolgov, V.A. [K.V. Ivanov, the Chuvash people's poet] Chuvashskii narodnyi poet K.V. Ivanov. [2. izd.] Cheboksary, Chuvashgosizdat, 1961. 146 p. [In Chuvash]
(MIU)

IVANOV, VSEVOLOD VIACHESLAVOVICH, 1895-
Zalivey, N.V. [Vsevolod Ivanov's work as a dramatist] Dramaturgiia Vsevoloda Ivanova. [Moskva, Iskusstvo, 1962]. 220 p.
(MIU)

IVANOVO--MACHINERY INDUSTRY--EQUIPMENT AND SUPPLIES
Mechanization of welding operations at the Ivanovo plant of peat machinery manufacture. V.A. Anrianin. Svar. proiz. no.5:28-30 My '62.

IVANOVO PROVINCE--RUSSIAN NEWSPAPERS
An instructive and vivid news story. Sov.deput.trud. no.11:90 N '62.

IVANOVO PROVINCE--TRADE UNIONS
Party chronicle. Part.zhizn' no.23:79-80 D '62.

IVORY COAST--ECONOMIC CONDITIONS
Ivory Coast Republic. I. Avilonina. Vneshn.torg. 42 no.12:24-27 '62.

IZOBIL'NOYE DISTRICT--STOCK AND STOCKBREEDING--COSTS
We are analyzing the costs of livestock products every month. M.A. Markovskata. Ucheb.i fin.v kolkhoz i sovkhoz. 10 no.12:33-38 D '62.

IZOLOVA, E.M.

[illegible] Sov. muz. 26 no.11 88-90 N '62

JACKMAN

[illegible] [with summary in English] [illegible] 51 [illegible]

JACLINO DOME [illegible] GLACIAL EPOCH

[illegible] V.V. Vorobiov, V.I. Vitov, [illegible] 147 no.4:67-70 [illegible]

JALARIA — [illegible]

[illegible] 11 [illegible]

JAPAN—COMMUNIST PARTY

The 40th Congress of the Communist Party of Japan. K.V. Vladimirov [illegible] no.11:165-167 N '62.

JAPAN—DESCRIPTION AND TRAVEL

M. Ishimure [illegible] Reviewed by Vitalii Domnich. [illegible] no.20:8 O '62.

JAPAN—FOREIGN RELATIONS—RUSSIA

Soviet-Japanese negotiations on the reestablishment of diplomatic relations. V. Nikolaev. Mezhdunar. zhizn' 10 no.1 184-190 Ja '63

JAPAN—JOURNALISM

Repercussion of the October Revolution in Japan. I. Latyshev. Az. i Afr. sov. no.11 2-8 N '62.

JAPAN—MILITARY BASES, AMERICAN

United States Far Eastern strategy and its Armed Forces in Japan (to be continued) Mezhdunar. zhizn' 10 no.1 170-171 Ja '63

The war continues... Eiko Saito. Zhen. mira no.8: 23-25 '62.

JAPAN—PLANTS, PROTECTION OF

In Japan. E.N. Stepanov. Trudy Inst. of virol. i bol. 7 no.6 51-54 Ag '62

JAPAN—RELATIONS (GENERAL) WITH THE UNITED STATES

In order to preserve the rule of monopolies. V. Gribnin. Az. i Afr. sov. no.12 26 D '62

JAPAN—STRIKES AND LOCKOUTS—COAL MINING

King Coal and his Japanese subjects. G. Zhutkov. Nov. vrem. 38 no.10 18-19 D '62.

JAPAN—TRADE UNIONS—CONGRESSES

The 13th Annual Congress of the General Council of Japanese Trade Unions. [illegible] Honjo. Vsem. prof. dvizh. no.10 28-29 [illegible]

JAPAN—WOMEN AND PEACE

The war continues... Eiko Saito. Zhen. mira no.8: 23-25 '62

JAPAN—YOUTH

Editor's mailbox. Mol. mira no.5/6:32 '62

JEFFERSON, THOMAS, 1743-1826

Padover, S.K. [Jefferson; the life and ideas of a great American. Translated from the English] Dzhefferson; zhizn' i idei velikogo amerikantsa. New York, Frederik A Preger, 1962. 309 p. (Vlu)

JEHOVAH'S WITNESSES

(see also subdivision under Kolmentsy District, Kramatorsk, Turka District)

Let us show you their true face. P. Antonov. Voiov. ateist no.11:40-41 N '62.

Whom do Jehovah's Witnesses serve? V. Kocherov. Voiov. ateist no.6:13-16 Je '62.

JEJUNUM—SURGERY

Intraperitoneal fistulojejunostomy for persistant external biliary fistula. M.A. Galeev. Vest. khir. 89 no.8: 130-131 S '62.

JESUS CHRIST—NATIVITY

The Holy Christmas fraud. A. Chertkov. Nauka i rel. 4 no.12:24-27 D '62.

JEWISH FOLK SONGS see Folk songs, Jewish

JEWS—RITES AND CEREMONIES

A radio newspaper. V. Koncharuk. Voiov. ateist. no.11:45 N '62.

JOB ANALYSIS

Analysis of man's regulatory activity by means of compiling logical schema of an algorithm of the working process. G.M. Zarakovskii. Dokl. APN 6 no.4 15-18 '62.

Measuring the work complexity of engineering and technical workers and employees. A. Dobrev. Biul. nauch. inform. trud i zar. plata 5 no.11:61-66 '62.

JOINERY

Iankovskii, I.P., and others. [Carpentry and joinery] Plotnichnye i stoliarnye raboty. Minsk, Gosizdat BSSR, 1962. 235 p.

JOINT TENANCY

Joint property rights to residential buildings. I. Khaitovich, L. Dulneva. Sov. iust. no.8:14-15 Ap '62

JOINTS—DISEASES

Latent osteoarthropathies in psoriasis patients. G. Kh. Kogan. Vrach. delo no.12:129-130 D '62

JOINTS—TUBERCULOSIS

(see also subdivision under Sverdlovsk)

Early reactions in osteoarticular tuberculosis. IA.B. Iudin. Probl. tub. no.7:51-55 '62.

Fifth Republic Conference on Osteoarticular Tuberculosis. D.K. Khokhlov. Vest. khir. 89 no.8:142-146 S '62.

JOINTS (GEOLOGY)

(see also subdivision under Dagheqtan)

Connection between stylolitic structures and fracturing in rocks. M.F. Kaplan, M.Kh. Bulach. Trudy VNIGRI no.193:178-186 '62

Isolation of the system of fractures by the vector method. I.D. Knoring. Trudy VNIGRI no.193:192-218 '62

JOURNALISM

(see also subdivision under Japan, Kunashir Island)

Brief news. Sov. pech. no.11:63 N '62.

For the sake of what we write. T. IAkovlev. Sov. pech. no.11:10-12 N '62.

In the broad daylight. IA. Baranov, V. Koltsov. Sov. pech. no.11:33-35 N '62.

Landmarks. Nik. Kruzhkov. Sov. pech. no.11:13-15 N '62.

Popularizer's skill. M. Khvastunov. Sov. pech. no.11: 31-32 N '62.

Sverdlovsk. Ural'skii gosudarstvennyi universitet. [Newspaper genres] Gazetnye zhanry. Sverdlovsk, 1962. 142 p.

To the leading collectives! Sov. pech. no.11:3 N '62.

What science plans the people will reap. A. Azizian. Sov. pech. no.11:28-30 N '62.

Words addressed to the consciousness. B. Efimov. Sov. pech. no.11:4-7 N '62.

JOURNALISM—CONGRESSES

Object of special care. Sov. pech. no.11:25-27 N '62.

JOURNALISM, AGRICULTURAL

Powerful wings for a good beginning. V. Zhukov. Sov. pech. no.11:9 N '62.

JOURNALISM, MILITARY

We take into consideration the advice of our readers. IU. Prokofev. Komm. Vooruzh. Sil 3 no.22:88-91 N '62.

JOURNALISTS

Confidence. A. Roskoshnyi. Sov. pech. no.11:22-24 N '62.

Five across half of Russia. Georgii Khalileteskii. Sov. pech. no.11:16-19 N '62.

Journalist in "outer space." Sov. pech. no.11:44 N '62.

Vasilii Snegirev's style. V. Muravenko, N. Danilin. Sov. pech. no.11:41-42 N '62.

JOURNALISTS—BIBLIOGRAPHY see Bibliography—Journalists

JUDAISM—CONTROVERSIAL LITERATURE

"The truth about Judaism and Zionism." Reviewed by M. Kosenko. Voiov. ateist no.11:62-64 N '62.

JUDICIAL ERROR see subdivision under United States

JUNCTION TRANSISTORS

Electric formation of point-contact diodes. A.P. Viatkin, A.A. Vilisov. Izv. vys. ucheb. zav.; fiz. no.5:30-45 '62.

Electron-optical study of p-n junctions in germanium and silicon. N.N. Sedov, G.V. Spivak, R.D. Ivanov. Izv. AN SSSR. Ser. fiz. 26 no.11:1332-1338 N '62.

Neutron irradiation of silicon p-n junctions. IU.R. Nosov. Fiz. tver. tela 4 no.12:3665-3667 D '62.

Shape of p-n junctions in semiconductor single crystals grown from compensated melts by oriented crystallization. M.G. Mil'vidskii. Fiz. tver. tela 4 no.10:2791-2794 O '62.

JUPITER (PLANET)

Mysterious transmitter on Jupiter (from "Science et vie"). Aime Michel. Znan.-sila 37 no.9:26-27 S '62.

JURY see subdivision under Great Britain

JUSTICE, ADMINISTRATION OF

(see also subdivision under Shumerlya District; Vietnam, North)

Clear conscience. A. Kudriaev. Sov. iust. no.23,17-18 D '62

Current problems concerning the further consolidation of socialist legality. N. Mironov. Kommunist 39 no.1:49-59 Ja '63.

In Lenin's footsteps. Sov. iust. no.23:1-3 D '62.

Inadmissible methods in the examination of complaints. IU. Georgiev. Sov. iust. no.11:20-21 Je '62.

Let us try to improve the work of soviet commissions in every possible way. Sov. iust. no.10:1-3 My '62.

People's assessors are the efficient helpers of [illegible] courts. V. Shuravskii. Sov. iust. no.24:15 D '62

JUVENILE DELINQUENCY

Generalization of judicial practice in cases concerning juvenile delinquency. E. Kovalchuk, A. [illegible] iust. no.11:7-9 Je '62

Party organizations and the family life of Communists. I.V. Vlasenko. Komm. Vooruzh. Sil 3 no.20:71-75 O '62.

KABALEVSKII, DMITRII BORISOVICH, 1904-

Kabalevskii's opera "The family of Taras" on a [illegible] musical drama. L. Khinchin. Nauch.-issl. I[illegible] Novosib. gos. konser. no.1:47-57 '58.

"Preludes and fugues for piano, Opus 61" by D. Kabalevskii. Reviewed by G. Kogan. Sov. muz. 26 no.11: 142-143 N '62.

KABARDINO-BALKAR A.S.S.R.—EUROPEAN CORN BORER

European corn borer and its control. N.IA. Ibliaev, M.A. Kuznetsova, IA.L. Grozman. Zashch. rast. ot vred. i bol. 7 no.8 29-30 Ag '62

KABARDINO-BALKAR A.S.S.R.—HISTORY—SOURCES

Krikunova, E.O., comp. [Documents on the history of Balkaria, late 19th to early 20th century] Dokumenty po istorii Balkarii, konets XIX-nachalo XX v. Nal'chik, Kabardino-Balkarskoe knizhnoe izd-vo, 1962. 307 p.

KABARDINO-BALKAR A.S.S.R.—POLITICS AND GOVERNMENT

An unusually brief inspection. Kh. Pshikhachev. Sov. deput. trud. no.11:110-111 N '62.

KACHALOV, VASILII IVANOVICH, 1875-1948

Tulanov, A.V. Kachalov. Moskva, Izd-vo "Molodaia gvardiia," 1962. 238 p. (Zhizn' zamechatel'nykh liudei. Seriia biografii, no.12[345])

KACHKANAR—METALLURGICAL PLANTS

Use of mechanized welding in the assembly of steel elements of the Kachkanar Mining and Ore Dressing Combine. A.I. Alekseev, B.P. Lebedev. Prom. stroi. 40 no.12:16-19 '62.

KADIEVKA—APARTMENT HOUSES

The southwestern district of Kadievka. P. Belousov, N. Chmykhalo, L. Maklinovskii. Stroi. i arkhit. 10 no.11:7-9 N '62.

KADIEVKA—CITY PLANNING

The southwestern district of Kadievka. P. Belousov, N. Chmykhalo, L. Maklinovskii. Stroi. i arkhit. 10 no.11:7-9 N '62.

KADNIKOV—POLITICS AND GOVERNMENT

Temporary department of the city police. L. Trofimiak. Sov. deput. trud. no.11:27-29 N '62

KADYSHEV, SEMEN PROKOP'EVICH, 1865-

Kenel', A.A. Semen Kadyshev. Moskva, Sovetskii kompozitor, 1962. 29 p. (Narodnye pevtsy i muzykanty)

KADZHARAN—FLOTATION

Comprehensive processing of molybdenite concentrate in the Kadzharan flotation plant. A. Grigorian. Fiz. Arm. 5 no.11,22-27 N '62.

KAGAN REGION—CARBON

Distribution of organic carbon and some other elements in Mesozoic sediments of the Kagan structure. Kh.Kh. Ismatullaev. Vop. geol. Uzb. no.2:120-130 '61.

KAGARLYK DISTRICT—AGRICULTURE—AUDIO VISUAL AIDS

Visual exemplar. T. Lisovol. Agitator no.11:49-50 Je '62.

KAKHOVKA HYDROELECTRIC POWER STATION

Operation of a group-type power regulating system in the Kakhovka Hydroelectric Power Station. A.P. Lipunov. Elek. sta. 33 no.11:32-34 N '62

KAKHOVKA RESERVOIR—WATER—COMPOSITION

Denysova, O.I., and IU.H. Maistrenko. [Hydrochemistry of Kakhovka Reservoir] Hidrokhimiia Kakhovs'koho vodoimyshcha. Kyiv, Vyd-vo AN URSR, 1962. 198 p.

KALA-AZAR see subdivision under Tajikistan

KALA REGION—GEOLOGY, STRUCTURAL

History of the geotectonic development of the Kala [illegible] of the southeastern Apsheron Archipelago. I.I. [illegible] mov. Geol. nefti i gaza 6 no.11:48-52 N '62.

KALASHNIKOV, IURII

Road to mastery. M. Nekrasov. Voen. znan. 38 no.12: 31-32 D '62.

KALININ—CATHEDRALS

Cathedral of the "White Trinity" in Kalinin. G.[illegible] Zhur. Mosk. Patr. no.10:11-16 O '62.

KALININ—CONSTRUCTION INDUSTRY

"They left their work unfinished." Sov. deput. trud. no.11:83 N '62.

KALININ, MIKHAIL IVANOVICH, 1875-1946

Zhiganov, M. I. [M. I Kalinin in Mordovia, on the history of the operations of the members of the October Revolution propaganda train in Mordovia during 1919] M. I. Kalinin v Mordovii, k istorii deiatel'nosti kollektiva agitpoezda Oktiabr'skaia revoliutsiia v Mordovii v 1919 g. Saransk, Mordovskoe knizhnoe izd-vo, 1961 47 p
(MH)

KALININ PROVINCE—BUILDING MATERIALS

Building with precast elements manufactured without cement S I Landres Sel' stroi 16 no 2:6-7 F '62

KALININ PROVINCE—COLLECTIVE FARMS—INCOME DISTRIBUTION

Income from flax and its distribution on the collective farms of Kalinin Province M S Borodachenko Trudy VNIIL no 5 289-304 '56

KALININ PROVINCE—FLAX

Income from flax and its distribution on the collective farms of Kalinin Province. M S Borodachenko Trudy VNIIL no 5 289-304 '56

KALININ PROVINCE—MACHINE-TRACTOR STATIONS

Economic effectiveness of the work of a machine-tractor station [with summary in English] I. I. Kolesnik Trudy VNIIL no 5 277-207 '58.

KALININ PROVINCE—POLITICS AND GOVERNMENT

We must try to eliminate all shortcomings. G. Kukharev. Sov. deput. trud. no. 12:62-64 D '62.

KALININGRAD—ENTOMOLOGICAL RESEARCH

Inspectory of the Kaliningrad Branch Station of the All-Union Institute of Plant Protection M. G. Kolesnikhskii. Zashch. rast. ot vred. i bol. 7 no. 4 53 Ap '62.

KALININGRAD PROVINCE—DIATOMS

Diatoms of some peat bogs of the Baltic shore; the Estonian S. S. R. and Kaliningrad Province [with summary in English]. V. S. Sheshukova-Poretskaia. Uch. zap. LGU no. 313 137-170 '62.

KALININGRAD PROVINCE—FISH, CANNED

Kaliningrad. Baltiiskii nauchno-issledovatel'skii institut morskogo rybnogo khoziaistva i okeanografii. [Technological instructions on the production of canned fish by the enterprises of the Kaliningrad Economic Council] Sbornik tekhnologicheskikh instruktsii po vyrabotke rybnykh konservov predpriiatiiami Kaliningradskogo sovnarkhoza, [Kaliningrad] Kaliningradskoe knizhnoe izd-vo, 1962. 230 p.

KALININGRAD PROVINCE—VEGETATION AND CLIMATE

Phenological characteristics of plants in Kaliningrad Province and other regions of the U. S. S. R. [with summary in English]. N. N. Galakhov. Bot. zhur 47 no. 10:1401-1413 O '62.

KALKANATA MOUNTAINS—ORE DEPOSITS

Genesis and regularities in the location of complex ores in the carbonaceous layer of the Devonian of the Kalkanata Mountains (Tashkent region). D. I. Abramovich. Zakonom. razm. polezn. iskop. 5:385-396 '62.

KALMYK A. S. S. R.—PROSPECTING

Trends in prospecting for oil and gas in Astrakhan Province and the northeastern Kalmyk A. S. S. R. IA. S. Eventov and others Geol nefti i gaza 6 no 10, 11-16 O '62.

KALUGA—MACHINERY INDUSTRY

Introduction of mechanized welding methods at the Kaluga Machinery Manufacture. G. V. Sutyrin, Z. A. Nikol'skaia. Svar. proizv. no. 5:24-26 My '62.

KAMA VALLEY—GEOLOGY, STRATIGRAPHIC

Correlation of Permian sediments in the Kama Valley portion of the Ural Mountain region and the Pechora coal basin. V. P. Gorskii. Mat. VSEGEI no. 67:50-81 '61.

KAMCHATKA—PSEUDOPHYLLIDEA

Cestodes (Pseudophyllidea and Tetraphyllidea) from water birds of Kamchatka. A. A. Spasskii, L. P. Bobova. Trudy Gel'm. lab. 11:259-260 '61.

KAMCHATKA—ROCKS, CRYSTALLINE AND METAMORPHIC

Age and origin of metamorphic rocks in central Kamchatka. M. M. Lebedev, V. N. Bondarenko. Sov. geol. 5 no. 11:98-105 N '62.

KAMCHATKA—TAPEWORMS

Detection of Echinococcus and Alveococcus in animals of the family Canidae in Khabarovsk Territory and Kamchatka. D. P. Kozlov. Trudy Gel'm. lab. 11:122-125 '61.

KAMCHATKA—TETRAPHYLLIDEA

Cestodes (Pseudophyllidea and Tetraphyllidea) from water birds of Kamchatka. A. A. Spasskii, L. P. Bobova. Trudy Gel'm. lab. 11:259-260 '61.

KAMCHATKA—WORMS, INTESTINAL AND PARASITIC

Work of the Kamchatka Helminthological Expedition (317th All-Union Helminthological Expedition) in 1959. A. A. Spasskii, M. D. Sonin. Trudy Gel'm. lab. 11: 414-431 '61.

Work of the Kamchatka Helminthological Expedition (317th All-Union Helminthological Expedition) in 1959-1960 A. A Spasskii, D. P. Kozlov Trudy Gel'm. lab. 11 432-434 '61

KAMENETS-PODOL'SKIY—ATHEISM

An enthusiastic propagandist. M. Slobodian Volov ateist no 6 28-29 Je '62

KAMENETS-PODOL'SKIY—MUSEUMS

Kamenets-Podol'skiy. Derzhavnyi istorychnyi muzei-zapovidnyk [Brief guidebook to the Kamenets-Podol'skiy State Historical Museum and Preserve] Korotkyi putivnyk Kam'ianets'-Podil's'kyi, Khmel'nits'ke oblasne upravlinnia kul'tury, 1959.

KAMENETS-PODOL'SKIY DISTRICT—CONSTRUCTION INDUSTRY

Let's build rhythmically the year round. M. Chub Sil' bud 12 no 11 5-6 N '62

KAMENETS-PODOL'SKIY REGION—WOODY PLANTS

Rare plant specimens M F Moiko Les khoz 15 no 10 78-79 O '62

KAMENNAYA STEPPE—WINDBREAKS, SHELTER-BELTS, ETC.

Kamennaya Steppe as the cradle of shelterbelt afforestation, on the 70th anniversary of V V Dokuchaev's expedition I A Skachkov, L S Pavlovskii Les khoz 15 no 7 37-42 Jl '62

KAMENSKOYE (ODESSA PROVINCE)—COOPERATIVE SOCIETIES—ACCOUNTING

Accountant of a rural cooperative society. A. Sokolov. Sov. potreb. koop. 6 no. 9:12-13 S '62.

KAMINSKII, LEV SEMENOVICH, 1889-1962

L. S. Kaminskii, obituary. Vest. LGU 17 no. 23, 144 '62.

KAOLIN
(see also subdivision under Ural Mountains)

Oreshnikova, E. P. [How to search for kaolin and mineral dyes] Kak iskat' kaolin i mineral'nye kraski. Izd. 2. Moskva, Gosgeolitekhizdat, 1962. 21 p (Bibliotechka iskatelia poleznykh iskopaemykh)

KARA-BOGAZ-GOL (GULF)—SALTS

"Singing salts". G. S. Sedel'nikov, D. V. Butnevich, S. N. Bobrov. Priroda 51 no. 12:112-113 D '62.

KARA-KALPAK A. S. S. R.—WOODPULP INDUSTRY

Woodpulp and Paperboard Combine in the Amu-Darya Delta. Bum. prom. 37 no. 11:15 N '62.

KARA-KUM—FAULTS (GEOLOGY)

Marginal flexural-fault zone of the central Kara Kum arched uplift. G. I. Amurskii and others. Biul. MOIP. Otd. geol. 37 no. 5, 132-134 S-O '62.

KARA KUM—FOLDS (GEOLOGY)

Comparative analysis of the development of some local folds in the Kara Kum Platform in the Paleogene G I Amurskii. Geol. nefti i gaza 6 no. 11:17-22 N '62.

KARA KUM—GEOLOGY, STRUCTURAL

Deep-seated structure of the eastern Unguz Kara Kum in the light of the most recent geological and geophysical data. V. G. Kots. Geol. nefti i gaza 6 no. 11:12-17 N '62.

KARA-TAU—GEOLOGY, STRUCTURAL

Igneous activity in the Late Pre-Cambrian and Paleozoic history of the Kara-Tau (southern Kazakhstan). G. I. Makarychev, V. I. Pazilova. Biul. MOIP. Otd. geol. 37 no. 5:104 S-O '62.

KARA-TAU—TRILOBITES

First find of Upper Cambrian trilobites in the Greater Kara-Tau. G. Kh. Ergaliev. Izv. AN Kazakh. SSR. Ser geol. no. 5:79-82 '62.

KARABAKH RANGE—PYRITES

Altered wall rocks in iron-pyrite deposits of the northern Karabakh Range. R. A. Martirosian. Uch. zap. AGU. Geol.-geog. ser. no. 1:55-69 '59.

KARABAKH STEPPE—SOIL BIOLOGY

Dynamics of biological processes in meadow-solonchak soils of the Karabakh Steppe G. A. Buianovskii. Izv. AN Azerb. SSR. Ser. biol. i med. nauk no. 4:81-86 '62.

KARABAKH STEPPE—VITICULTURE

Ways for increasing vineyard yields in the Karabakh Lowland [in Azerbaijani with summary in Russian]. M. N. Abbasov. Trudy Azerb. nauch.-issl. inst. sad., vin. i subtrop. kul't. no. 5:113-126 '62.

KARABIL UPLAND—GEOMORPHOLOGY

Special features of the geomorphological structure of Karabil (southeastern Turkmenistan) in connection with the stratigraphy of the Quaternary formation. N. M. Bogdanova. Izv. AN SSSR. Ser. geog. no. 6:60-66 N-D '62.

KARADAG REGION—OIL WELL DRILLING

Drilling reduced-diameter wells over 4500 meters deep. Z. S. Abdullaev. Neftianik 7 no. 5:6-8 My '62.

KARAGANDA—AGGREGATES (BUILDING MATERIALS)

Production of agloporite in Karaganda A A Petrusov Sbor. trud VNIINSM no 6 151-158 '62.

KARAGANDA—EMPLOYEES, DISMISSAL OF

The plant committee decrees' "Dismissal not approved." Sov. profsoiuzy 18 no 23 10 D '62

KARAGANDA—TRADE UNIONS

The plant committee decrees "Dismissal not approved." Sov. profsoiuzy 18 no. 23, 10 D '62

KARAGANDA BASIN—COAL GEOLOGY

Types of coal metamorphism in the Karaganda Basin. M. V. Golitsyn, I. V. Orlov. Mat. po geol. i pol iskop. TSentr. Kazakh. no. 2 96-104 '62.

KARAGANDA BASIN—GEOLOGICAL TIME

Origin time of the Karaganda trough V. M Bekman, O. A. Seidalin. Izv AN Kazakh SSR. Ser. geol. no 5:32-41 '62.

KARAGANDA BASIN—METAMORPHISM (GEOLOGY)

Types of coal metamorphism in the Karaganda Basin. M. V. Golitsyn, I. V. Orlov. Mat. po geol. i pol iskop. TSentr. Kazakh. no. 2, 96-104 '62.

KARAGANDA PROVINCE—FRUIT—DISEASES AND PESTS

Fruit pests in Karaganda Province A. F. Sateev. Zashch rast ot vred i bol 7 no 8 56 Ag '62

KARAGANDA PROVINCE—INSECTS, INJURIOUS AND BENEFICIAL

Fruit pests in Karaganda Province. A. F. Sateev. Zashch rast. ot vred i bol 7 no 8 58 Ag '62.

KARAGASSES

Chernyshev, B. I. [In the land of reindeer paths] V kraiu olen'ikh trop. [Irkutsk] Irkutskoe knizhnoe izd-vo, 1962. 61 p.

KARAKUL SHEEP see subdivision under Uzbekistan

KARELIA—BABESIELLA

Changes in the morphological forms of Babesiella bovis in the peripheral blood of cattle. V. A. Letarev. Trudy Kar. fil. AN SSSR no. 14:14-32 '59.

Some observations on the development of Babesiella bovis in a carrier tick. Iu. I. Polianskii, E. M. Kheisin. Trudy Kar. fil. AN SSSR no. 14 5-13 '59.

KARELIA—BLACK FLIES

A new species of black flies Helichin dogieli n. sp. (Diptera, Simuliidae) from the Karelian A. S. S. R. Z. V. Usova. Trudy Kar. fil. AN SSSR no. 14:110-113 '59.

KARELIA—BLACK FLIES—EXTERMINATION

Searching for new methods of controlling the water phases of the black flies (Diptera, Simuliidae) in brooks and rivers of Karelia. Z. V. Usova. Trudy Kar. fil. AN SSSR no 14 114-123 '59.

KARELIA—BRASSICACEAE—DISEASES AND PESTS

Experimental investigation of the ecology of the turnip sawfly Athalia colibri Christ (Hymenoptera, Tenthredinidae). L. A. Stepanova. Trudy Kar. fil. AN SSSR no. 14 138-150 '59.

KARELIA—FISH CULTURE

Organizing pond fish culture in Karelia. I. F. Pravdin. Trudy sov. ikht. kom. no. 14:173-174 '62.

KARELIA—FORESTS AND FORESTRY

Lumbering industry and forestry of Karelia should be a continuously operating complex of forest industries V S Muziukin Les khoz. 15 no 7 47-50 Jl '62

KARELIA—FORESTS AND FORESTRY—EQUIPMENT AND SUPPLIES

Contribution of scientists to forestry. K. P. Drachevskii Les khoz. 15 no 7 60 Jl '62

KARELIA—HORSEFLIES

Materials on the species and biology of horseflies (Tabanidae) in the Karelian A. S. S. R. A. S. Lutta. Trudy Kar. fil. AN SSSR no. 14, 84-109 '59.

KARELIA—LUMBERING

A weak voice. A. Koloskov. Part. zhizn' no. 23:73-76 D '62.

KARELIA—PARASITES—CATTLE

Treatment of cattle with DDT and hexachlorocyclohexane as a measure of a simultaneous control of blood-sucking Diptera, ixodid ticks, and warble flies of cattle. A. S. Lutta. Trudy Kar. fil. AN SSSR no. 14:124-137 '59.

KARELIA—SAWFLIES

Experimental investigation of the ecology of the turnip sawfly Athalia colibri Christ (Hymenoptera, Tenthredinidae). L. A. Stepanova. Trudy Kar. fil. AN SSSR no. 14:138-150 '59.

KARELIA—TICKS

Distribution of ixodid ticks in Karelia. A. S. Lutta, E. M. Kheisin, R. E. Shul'man. Trudy Kar. fil. AN SSSR no. 14:72-83 '59.

KARKARALINSK DISTRICT—PALEONTOLOGY, STRATIGRAPHIC

Key cross section of Upper Silurian and Devonian sediments in thenorthern margin of the Dzungaria-Balkhash geosyncline. N. K. Dvoichenko, L. F. Kharchenko. Mat. po geol. i pol. iskop. TSentr. Kazakh. no. 2:11-20 '62.

KARMEN, ROMAN LAZAREVICH

Two motion pictures produced by Roman Karmen. M. Z. Rzaeva. Izv. AN Azerb. SSR. Ser. obshchestv. nauk no. 9:83-94 '62.

KARSHI STEPPE—AGRICULTURE

Don't get tired! Ogonek. 40 no. 40:6-8 S '62.

KARSHI STEPPE—WATER RESOURCES DEVELOPMENT

Don't get tired! Ogonek. 40 no. 40:6-8 S '62.

KARST

(see also subdivision under Perm Reservoir region, Sulak Valley)

Nauchnoe soveshchanie po izucheniiu karsta. 3d, Moscow, 1956. [Special problems of the study of karst, its hydrogeology, hydrology, geochemistry, engineering geology, and minerals] Spetsial'nye voprosy karstovedeniia; gidrogeologiia, gidrologiia, geokhimiia, inzhenernaia geologiia i poleznye iskopaemye. [Doklady] Moskva, Izd-vo Akad. nauk SSSR, 1962. 182 p.

KARYOKINESIS

Daily rhythm of mitotic activity in mice under the conditions of a changed feeding regimen [with summary in English]. N. V. Krasil'nikova. Biul. eksp. biol. i med. 54 no. 11:95-98 N '62.

KAUNAS HYDROELECTRIC POWER STATION

Measuring horizontal displacements of the concrete structures of the Kaunas Hydroelectric Power Station. E. M. Pereponova. [Trudy] NII osn. no. 49:68-81 '62.

KAUNAS HYDROELECTRIC POWER STATION—CONCRETE CONSTRUCTION

Gol'tsman, V. Kh. [The composite concrete of the Kaunas Hydroelectric Power Station building] Sbornomonolitnyi zhelezobeton zdaniia Kaunasskoi GES. Moskva, Gosenergoizdat, 1962. 142 p.

KAUSHANY DISTRICT—ANTIQUITIES

The Usatovo type burial mound near the Tudorovo village. A. I. Meliukova. Krat. soob. Inst. arkheol. no. 88:74-83 '62.

KAYRAKUM RESERVOIR—OCEAN CURRENTS

Field studies of wind currents along the shores near where there is deep water in the Kayrakum Reservoir. I. S. Boiko. Trudy GGI no. 98:247-262 '62.

KAYRAKUM RESERVOIR—RESERVOIR SEDIMENTATION

Shifting of sediments along the shores on forming reservoir shoals. A. S. Sudol'skii. Trudy GGI no. 98:222-246 '62.

Study of the soils of the Kayrakum Reservoir. Iu. N. Ivanov. Trudy GGI no. 98:182-202 '62.

KAYRAKUM RESERVOIR—WAVES

Initial results of studying waves in the Kayrakum Reservoir. A. S. Sudol'skii. Trudy GGI no. 98:203-221 '62.

KAYSKIY DISTRICT—SOVIETS

An affable and warmhearted deputy. S. Chernitsyn. Sov. deput. trud. no. 11:51-52 N '62.

KAZAKH LANGUAGE—GRAMMAR

Mamanov, I. E. [The Kazakh language] Kazak tili; uchebnik kazakhskogo iazyka dlia studentov. Alma-Ata, Kazuchpedgiz, 1961. 187 p.

KAZAKHSTAN—BARITE

New barite deposits in the Dzhezkazgan—Ulu-Tau region in central Kazakhstan. I. A. Barkalov, S. K. Kaiugin, V. N. Ostrovskii. Izv. AN Kazakh. SSR Ser. geol. no. 5:77-78 '62.

KAZAKHSTAN—BUILDING MATERIALS INDUSTRY

Industrial construction in Kazakhstan should have a large supply center. T. K. Basenov. Prom. stroi. no. 10:5-6 '62.

KAZAKHSTAN—CONSTRUCTION INDUSTRY

Ob"edinennaia nauchnaia sessiia po problemam razvitiia proizvoditel'nykh sil TSentral'nogo Kazakhstana, Karaganda, 1958. [Productive forces of central Kazakhstan] Proizvoditel'nye sily TSentral'nogo Kazakhstana; trudy sessii. Alma-Ata, Izd-vo Akad. nauk Kazakhskoi SSR. Vol. 5. [Power engineering, water supply engineering, construction, and transportation] Energetika i vodnoe khoziaistvo, stroitel'stvo i transport. 1959. 257 p. [MICROFILM]

Strengthening and further development of specialized and assembly organizations in Kazakhstan. M. A. Amatbovitskii. Prom. stroi. no. 10:7-8 '62.

KAZAKHSTAN—CUTWORMS—EXTERMINATION

New data on controlling the cutworm Hadena basilinea. M. V. Vlasov, Zh. L. Lukpanov. Zashch. rast. ot vred. i bol. 6 no. 8:24 Ag '61.

KAZAKHSTAN—DRAGONHEAD

Review of the dragonheads of Kazakhstan. I. I. Roldugin. Trudy Inst. bot. AN Kazakh. SSR 13:263-273 '62.

KAZAKHSTAN—EARTH—SURFACE

Connection between the gravity field and the crustal abyssal structure in central and northern Kazakhstan. A. N. Antonenko. Izv. AN Kazakh. SSR Ser. geol. no. 5:72-76 '62.

KAZAKHSTAN—FINANCE

Efremov, P. V. [Business accounting in the industrial enterprises of Kazakhstan] Khozialstvennyi raschet na promyshlennykh predpriiatiiakh Kazakhstana; uchebnoe posobie dlia studentov-zaochnikov. Alma-Ata, Kazakhskii gos. univ. im. S. M. Kirova, 1960. 45 p. [MICROFILM]

KAZAKHSTAN—FOREST NURSERIES

Convenient method for the protection of seedlings in nurseries. G. V. Dolgopolov. Les. khoz. 15 no. 10:72-74 O '62.

KAZAKHSTAN—FRUIT—DISEASES AND PESTS

Matesova, G. IA., I. D. Mitiaev, and L. A. Ukhnevich. [Insects and mites, pests of fruit and berry crops in Kazakhstan] Nasekomye i kleshchi - vrediteli plodovo-iagodnykh kul'tur Kazakhstana. Alma-Ata, Izd-vo Akad. nauk Kazakhskoi SSR, 1962. 203 p. (DNAL)

KAZAKHSTAN—GAS, NATURAL—GEOLOGY

Dneprov, V. S. [Geology, and oil and gas potentials of the southern Emba Upland and northern Ust-Urt] Geologicheskoe stroenie i neftegazonosnost' IUzhno-Embenskogo podniatiia i Severnogo Ustiurta. Leningrad Gos. nauchno-tekh. izd-vo neft. i gorno-toplivnoi lit-ry, Leningr. otd-ie, 1962. 122 p. (Leningrad Vsesoiuznyi neftianoi nauchno-issledovatel'skii geologorazvedochnyi institut. Trudy, no. 194)

Principal prospecting results and the outlook for finding oil and gas in western Kazakhstan. Sh. E. Esenov. Izv. AN Kazakh. SSR. Ser. geol. no. 5:7-15 '62.

KAZAKHSTAN—GEOLOGY

Dneprov, V. S. [Geology, and oil and gas potentials of the southern Emba Upland and northern Ust-Urt] Geologicheskoe stroenie i neftegazonosnost' IUzhno-Embenskogo podniatiia i Severnogo Ustiurta. Leningrad Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, Leningr. otd-ie, 1962. 122 p. (Leningrad. Vsesoiuznyi neftianoi nauchno-issledovatel'skii geologorazvedochnyi institut. Trudy, no. 194)

KAZAKHSTAN—GEOLOGY, STRATIGRAPHIC

Cretaceous sediments in central Kazakhstan and its paleogeographical characteristics in the Cretaceous period. I. V. Orlov, T. V. Pogodaeva, Z. K. Zhuchenko. Mat. po geol. i pol. iskop. TSentr. Kazakh. no. 2:23-43 '62.

KAZAKHSTAN—GEOLOGY, STRATIGRAPHIC—CONGRESSES

Resolutions of the Second Kazakhstan Interdepartmental Conference on the Quaternary Period and Geomorphology of Kazakhstan. V. S. Bazhanov and others. Izv. AN Kazakh. SSR. Ser. geol. no. 5:115-119 '62.

KAZAKHSTAN—GEOMORPHOLOGY—CONGRESSES

Resolutions of the Second Kazakhstan Interdepartmental Conference on the Quaternary Period and Geomorphology of Kazakhstan. V. S. Bazhanov and others. Izv. AN Kazakh. SSR Ser. geol. no. 5:115-119 '62.

KAZAKHSTAN—GINKGOALES, FOSSIL

Occurrence of Pseudotorellia and Eretmophyllum in the Jurassic deposits of Kazakhstan [with summary in English]. E. R. Orlovskaia. Bot. zhur. 47 no. 10:1437-1445 O '62.

KAZAKHSTAN—GOLD ORES

Practice of using geophysical methods in prospecting for gold in northern Kazakhstan. L. I. Abramovich. Mat. po geol. i pol. iskop. TSentr. Kazakh. no. 2:62-68 '62.

KAZAKHSTAN—GRAIN—DISEASES AND PESTS

New data on controlling the cutworm Hadena basilinea. M. V. Vlasov, Zh. L. Lukpanov. Zashch. rast. ot vred. i bol. 6 no. 8:24 Ag '61.

KAZAKHSTAN—GRAVITY

Connection between the gravity field and the crustal abyssal structure in central and northern Kazakhstan. A. N. Antonenko. Izv. AN Kazakh. SSR. Ser. geol. no. 5:72-76 '62.

KAZAKHSTAN—HISTORY

Controversial problems in the history of Kazakhstan in the late 18th and the first half of the 19th century. N. V. Ustiugov. Vop. ist. no. 11:143-149 N '62.

KAZAKHSTAN—HYDROELECTRIC POWER

New data on hydroelectric power resources in Kazakhstan. N. S. Kalachev, L. D. Lavrent'eva. Vest. AN Kazakh. SSR 18 no. 11:19-26 N '62.

KAZAKHSTAN—INDUSTRIAL PLANTS

Problems of industrial construction in Kazakhstan. V. IA. Putintsev. Prom. stroi. no. 10:2-4 '62.

KAZAKHSTAN—INSECTS, INJURIOUS AND BENEFICIAL

Matesova, G. IA., I. D. Mitiaev, and L. A. Ukhnevich. [Insects and mites, pests of fruit and berry crops in Kazakhstan] Nasekomye i kleshchi - vrediteli plodovo-iagodnykh kul'tur Kazakhstana. Alma-Ata, Izd-vo Akad. nauk Kazakhskoi SSR, 1962. 203 p. (DNAL)

KAZAKHSTAN—LOCUSTS

New data on the habitat of the locust Calliptamus turanicus. E. P. TSyplenkov. Zashch. rast. ot vred. i bol. 5 no. 2:10 F '60.

KAZAKHSTAN—METALS, RARE AND MINOR

Combined geophysical surveying in rare metal stockworks of central Kazakhstan. I. P. Ilenovolenskii. Mat. po geol. i pol. iskop. TSentr. Kazakh. no. 2:49-61 '62.

KAZAKHSTAN—ORE DEPOSITS

Experience in biogeochemical studying of a section of a complex metal deposit in central Kazakhstan. G. I. Tiurina, V. I. Shchibrik. Mat. po geol. i pol. iskop. TSentr. Kazakh. no. 2:44-48 '62.

Metamorphism of ores and enclosing rocks in the Karadzhal deposit (central Kazakhstan). V. V. Kalinin. Tsvet. met. mesterozh. no. 6:94-104 N-D '62.

Siliceous nickel-cobalt deposits in central Kazakhstan. Kh. D. Kosubaev. Mat. po geol. i pol. iskop. TSentr. Kazakh. no. 2:105-123 '62.

KAZAKHSTAN—PALEOGEOGRAPHY

Cretaceous sediments in central Kazakhstan and its paleogeographical characteristics in the Cretaceous period. I. V. Orlov, T. V. Pogodaeva, Z. K. Zhuchenko. Mat. po geol. i pol. iskop. TSentr. Kazakh. no. 2:23-43 '62.

KAZAKHSTAN—PETROLEUM GEOLOGY

Dneprov, V. S. [Geology, and oil and gas potentials of the southern Emba Upland and northern Ust-Urt] Geologicheskoe stroenie i neftegazonosnost' IUzhno-Embenskogo podniatiia i Severnogo Ustiurta. Leningrad Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, Leningr. otd-ie, 1962. 122 p. (Leningrad. Vsesoiuznyi neftianoi nauchno-issledovatel'skii geologorazvedochnyi institut. Trudy, no. 194)

Principal prospecting results and the outlook for finding oil and gas in western Kazakhstan. Sh. E. Esenov. Izv. AN Kazakh. SSR Ser. geol. no. 5:7-15 '62.

KAZAKHSTAN—PROSPECTING—GEOPHYSICAL METHODS

Combined geophysical surveying in rare metal stockworks of central Kazakhstan. I. P. Ilenovolenskii. Mat. po geol. i pol. iskop. TSentr. Kazakh. no. 2:49-61 '62.

Practice of using geophysical methods in prospecting for gold in northern Kazakhstan. L. I. Abramovich. Mat. po geol. i pol. iskop. TSentr. Kazakh. no. 2:62-68 '62.

KAZAKHSTAN—PSYCHIATRY

Ten-day meeting of head physicians and conference of subprofessional medical personnel in the psychiatric service of Kazakhstan. M. Kh. Glonopol'skii. Zdrav. Kazakh. 22 no. 3:71-74 '62.

KAZAKHSTAN—SHEEP BREEDS

Fat-tailed sheep of central Kazakhstan. M. A. Prasolov, P. F. Gladkov, N. P. Chumin. Zhivotnovodstvo. 24 no. 9:61-67 S '62.

KAZAKHSTAN—SNOW

Features of shifting and accumulation of snow under the conditions found in West Kazakhstan. I. S. Chistiakov. Meteor. i gidrol. no. 12:30-32 D '62.

KAZAKHSTAN—SOILS

Matyshuk, I. V. [Tillage and fertility of Chestnut soils in central Kazakhstan] Obrabotka i plodorodie kashtanovykh pochv TSentral'nogo Kazakhstana. Alma-Ata, Izd-vo Akad. nauk Kazakhskoi SSR, 1962. 104 p.

KAZAKHSTAN—SOVIETS

Public participation in local government. Sov. deput. trud. no. 11:97 N '62.

KAZAKHSTAN—SUGAR RESEARCH

Nauchno-tekhnicheskoe [illegible] sakharnoi [illegible] 1961 [illegible] ence [illegible] Kazakhstan and Kirghizistan, held in Frunze in 1961] Materialy. Frunze, In-t nauchno-tekhn. informatsii, 1961. 136 p. [MICROFILM]

KAZAKHSTAN—SUSLIKS

Dynamics of the abundance and the intensity of reproduction of the lesser suslik. B. S. Kubantsev. Uch. zap. Volg. gos. ped. inst. no. 13:79-82 '61.

KAZAKHSTAN—TECHNOLOGICAL INNOVATIONS

A year of hard work. A. S. Kolebaev. Mekh. i avtom. proizv. 16 no. 11:26-30 N '62.

KAZAKHSTAN—TRANSPORTATION

Ob"edinennaia nauchnaia sessiia po problemam razvitiia proizvoditel'nykh sil TSentral'nogo Kazakhstana, Karaganda, 1958. [Productive forces of central Kazakhstan] Proizvoditel'nye sily TSentral'nogo Kazakhstana, trudy sessii. Alma-Ata, Izd-vo Akad. nauk Kazakhskoi SSR.
Vol. 5. [Power engineering, water supply engineering, construction, and transportation] Energetika i vodnoe khoziaistvo, stroitel'stvo i transport. 1959. 257 p.
[MICROFILM]

KAZAKHSTAN—UMBELLIFERAE

New genera and species of the family Umbelliferae in Kazakhstan. I. P. Korovin. Trudy Inst. AN Kazakh SSR 13:242-262 '62.

KAZAKHSTAN—VOCATIONAL EDUCATION

Pedagogical readings in Kazakhstan. Prof.-tekh. obr. 19 no. 6:13 Ag '62.

KAZAKHSTAN—WATER, UNDERGROUND

Geophysical studies in hydrogeological investigations of ancient valleys in central Kazakhstan. I. P. Bonevolenskii, V. P. Vydrin. Mat. po geol. i pol. iskop. TSentr. Kazakh. no. 2, 69-84 '62.

KAZAKHSTAN—WATER-SUPPLY ENGINEERING

Ob"edinennaia nauchnaia sessiia po problemam razvitiia proizvoditel'nykh sil TSentral'nogo Kazakhstana, Karaganda, 1958. [Productive forces of central Kazakhstan] Proizvoditel'nye sily TSentral'nogo Kazakhstana, trudy sessii. Alma-Ata, Izd-vo Akad. nauk Kazakhskoi SSR.
Vol. 5. [Power engineering, water supply engineering, construction, and transportation] Energetika i vodnoe khoziaistvo, stroitel'stvo i transport. 1959. 257 p.
[MICROFILM]

KAZAKHSTAN—WHEAT

Baking quality of some varieties of winter wheat of Kazakhstan. T. B. Darkanbaev, G. A. Kaptiushina, I. S. Shlakhina. Izv. AN Kazakh SSR. Ser. bot. i pochv. no. 3: 62-65 '62.

Effect of ultraviolet rays on the growth and development of spring wheat. O. R. Baldauletov. Izv. AN Kazakh SSR. Ser. bot. i pochv. no. 3:66-73 '62.

Zhumatov, A. Z. [Selected works on the grain crops of Kazakhstan] Izbrannye trudy po zernovym kul'turam Kazakhstana. Alma-Ata, Kazakhskoe gos. izd-vo, 1961. 217 p.
(CU)

KAZAKHSTAN—WORLD WAR, 1939-1945—MEDICAL AND SANITARY AFFAIRS

Sanitary and epidemiological services in Kazakhstan during the Great Patriotic War (1941-1945). A. R. Chokin. Zdrav. Kazakh. 22 no. 3:61-66 '62.

KAZAN—SHOE INDUSTRY

Years devoted to people. G. Minaoedov. Sov. profsoiuzy 18 no. 23:8-9 D '62.

KAZAN—WORKS COUNCILS

Years devoted to people. G. Minaoedov. Sov. profsoiuzy 18 no. 23:8-9 D '62.

KELMENTSY DISTRICT—JEHOVAH'S WITNESSES

Duty calls. N. Kryzhanivs'ka. Volov. ateist no. 6:32-33 S '62.

KEMEROVO PROVINCE—MEDICINE, INDUSTRIAL—STUDY AND TEACHING

Some problems in the direction and organization of industrial practice for students of medical institutes. A. L. Kagnov. Zdrav. Ros. Feder. 6 no. 11: 17-19 N '62.

KENDYKTAS RIDGE—GEOCHEMISTRY

Geochemical characteristics of the Lower Carboniferous deposits and post-Lower Carboniferous intrusions in the southeastern part of the Kendyktas Ridge. Vest. AN Kazakh. SSR 18 no. 11: 68-75 N '62.

KENDYKTAS RIDGE—ORE DEPOSITS

Some lasting faults and zonal distribution of hydrothermal formations in connection with their development, as revealed by the studies in the Kendyktas Ridge of southern Kazakhstan. N. P. Laverov, B. P. Vinsov. Geol. rud. mestorozh. no. 6: 3-18 N-D '62.

KENNDYKTAS RIDGE—FAULTS (GEOLOGY)

Some lasting faults and zonal distribution of hydrothermal formations in connection with their development; as revealed by the studies in the Kendyktas Ridge of southern Kazakhstan. N. P. Laverov, B. P. Vinsov. Geol. rud. mestorozh. no. 6: 3-18 N-D '62.

KENYA—MILITARY BASES, FOREIGN

"Vulcans" on volcanoes. S. Volk. Az. i Afr. segodnia no. 11: 9-11 N '62.

KENYA—POLITICS AND GOVERNMENT

Imperialism is our enemy. Odzhuma Oginga Odinga. Az. i Afr. segodnia no. 11: 11 N '62.

"Vulcans" on volcanoes. S. Volk. Az. i Afr. segodnia no. 11: 9-11 N '62.

What is happening in Kenya? Mezhdunar. zhizn' 10 no. 1: 177-179 Ja '63.

KERAMZIT

Akademiia stroitel'stva i arkhitektury SSSR. Institut organizatsii, mekhanizatsii i tekhnicheskoi pomoshchi stroitel'stvu. [Houses made of keramzit-concrete slabs] Doma iz keramzitobetonnykh panelei, opyt kombinata zhelezobetonnykh izdelii No. 355. Moskva, Gosstroiizdat, 1962. 20 p.
[MICROFILM]

New technique for the production of large keramzit-concrete slabs. N. Maksimovskii, N. Sokolov. Na stroi. Ros. 3 no. 9: 33-35 S '62.

KERCH—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

Erokhin, M. V. [How we propagandize the materials of the congress] Propagandiruem materialy s"ezda Simferopol', Krymizdat, 1962. 30 p.

KERCH—SOVIETS

Current reports. G. Pantiushenko. Sov. deput. trud. no. 12: 54-55 D '62.

KERCH PENINSULA—IRON ORES

Investigating the magnetizing roasting of Kerch brown ore. Report no. 2. A. N. Pokhvisnev, Iu. S. Iusfin. Izv. vys. ucheb. zav., chern. met. 5 no. 11: 23-29 '62.

KETONES

Hydrogenation of aldehydes and ketones in the presence of iron catalysts. A. A. Balandin, A. I. Kukina, E. V. Toptygina. Izv. AN SSSR. Otd. khim. nauk no. 11: 1925-1933 N '62.

KEYS AND KEYWAYS (STEELWORK)

High-speed machining of taper keys. V. I. Zagurskii, O. L. Pavliuchenko. Mashinostroitel' no. 11: 34 N '62.

KHABAROVSK—OFFICE PRACTICE IN GOVERNMENT

"You must prove that you need this information." V. Poboinaia. Sov. deput. trud. no. 11: 111 N '62.

KHABAROVSK TERRITORY—FORESTS AND FORESTRY

"Forests of the northern part of Khabarovsk Territory; lower reaches of the Amur River and the shore of the Sea of Okhotsk" by G. F. Starikov. Reviewed by B. P. Kolesnikov. Les. khoz. 15 no. 7: 82-84 Jl '62.

KHABAROVSK TERRITORY—TAPEWORMS

Detection of Echinococcus and Alveococcus in animals of the family Canidae in Khabarovsk Territory and Kamchatka. D. P. Kozlov. Trudy Gel'm. lab. 11: 122-125 '61.

KHABAROVSK TERRITORY—TETRAMERES

Tetrameres ryjikovi, a new species of nematodes from anserine birds. Khuan Shen-I [Huang Sheng-i]. Trudy Gel'm. lab. 11: 314-316 '61.

KHABAROVSK TERRITORY—WORMS, INTESTINAL AND PARASITIC

Helminths of domestic birds in Khabarovsk Territory. Khuan Sehn-I [Huang Sheng-i]. Trudy Gel'm. lab. 11: 303-308 '61.

KHACHMAS DISTRICT—CHALCID FLIES

Chalcids (Hymenoptera Chalcidoidea) in northeastern Azerbaijan. I. M. Rzaeva. Izv. AN Azerb. SSR. Ser. biol. i med. nauk no. 4: 53-57 '62.

KHAKASS AUTONOMOUS PROVINCE—FINANCE

"You know what a great power this is!" I. Lalettin. Fin. SSSR 23 no. 11: 77-78 N '62.

KHANKA PLAIN—BOTANY

Kuznetsova, G. E. [Vegetation of the Khanka Plain and surrounding foothills] Rastitel'nost' Prikhankaiskoi ravniny i okruzhaiushchikh predgorii. Moskva, Izd-vo Akad. nauk SSSR, 1962. 137 p.

KHANLAR—BRANDY

Technology and chemical composition of cognacs of the Khanlar Winery. A. B. Tagiev. Trudy Azerb. nauch.-issl. inst. sad., vin. i subtrop. kul't. no. 5: 137-140 '62.

KHANTY-MANSIYSK NATIONAL AREA—MEDICAL CARE

Work of mobile detachments in serving the population of the Khanty-Mansiysk National Area (Tyumen' Province). V. A. Ruskikh. Zdrav. Ros. Feder. 6 no. 11: 10-14 N '62.

KHARKOV—CERAMIC INDUSTRIES

Lost and found hour. M. Mokrin. Sov. profsoiuzy 18 no. 23:18-19 D '62.

KHARKOV—CHORAL SOCIETIES

"Stabat Mater" in Kharkov. E. Tyshko. Sov. muz. 26 no. 11: 112 N '62.

KHARKOV—COAL MINING MACHINERY

[Arsenal of the Donets Basin; "Svet Shakhtera" Factory tries to fulfill the postwar five year plan ahead of time] Arsenal Donbassa; zavod "Svet shakhtera" v bor'be za dosrochnoe vypolnenie poslevoennoi piatiletki. [Khar'kov] Khar'kovskoe knizhno-gazetnoe izd-vo, 1950. 95 p.

KHARKOV—CONSTRUCTION INDUSTRY

Pivovarov, F. V. [The integrated brigade in construction] Kompleksnaia brigada na stroitel'stve. [Khar'kov] Khar'kovskoe knizhnoe izd-vo, 1962. 14 p. (Udarniki kommunisticheskogo truda)

KHARKOV—PLUMBING—MAINTENANCE AND REPAIR

Initiative of Moscow workers has been taken up in Kharkov. V. Plentkovskii. Zhil.-kom. khoz. 12 no. 6-7: Je '62.

KHARKOV—RADIO IN INDUSTRY

Hide-and-seek. V. Zaremba, L. Lvova. Sov. pech. no. 11: 38-40 N '62.

KHARKOV—THEATER

The classics and our times. G. Khaichenko. Teatr 23 no. 11: 52-57 N '62.

KHARKOV—TURBINES

Kislinkov, K. S. [Achieved through the work of everyone of us] Trudom kazhdogo iz nas. [Khar'kov] Khar'kovskoe knizhnoe izd-vo, 1962. 35 p. (Udarniki kommunisticheskogo truda)

KHARKOV—WAGES—ELECTRIC EQUIPMENT INDUSTRY

Material incentives for those who work at several machine tools. A. Makhlin. Sots. trud 7 no. 11: 125-127 N '62.

KHARKOV PROVINCE—BARLEY—DISEASES AND PESTS

Loose smut of barley in Kharkov Province. V. N. Ponirovskii. Zashch. rast. ot vred. i bol. 7 no. 2: 25-26 F '62.

KHARKOV PROVINCE—CITY PLANNING

The cities of Kharkov Province. L. Golub. Stroi. i arkhit. 10 no. 11: 3-5 N '62.

KHARKOV PROVINCE—DAIRY CATTLE BREEDING

Breeding work on commercial farms in the area served by a station for artificial insemination. E. V. Lidrigevich, M. D. Liubetskii. Nauch. trudy Zootekh. fak. Khar. zoovet. inst. 11: 86-91 '62.

KHARKOV PROVINCE—FRUIT—DISEASES AND PESTS

Eliminate focuses of pests and pathogenic agents. S. P. Kochetov, I. V. Sheremet. Zashch. rast. ot vred. i bol. 7 no. 6: 10-11 Je '62.

KHARKOV PROVINCE—PEASANTRY

"Committees of Poor Peasants in Kharkov Province, 1920-1933; collected source materials." Reviewed by M. D. Berezovchuk. Ukr. ist. zhur. 6 no. 6: 109-111 N-D '62.

KHARKOV PROVINCE—SMUTS

Loose smut of barley in Kharkov Province. V. N. Ponirovskii. Zashch. rast. ot vred. i bol. 7 no. 2: 25-26 F '62.

KHARKOV PROVINCE—SWINE

Economics of swine raising on the collective farms of the steppe zone in Kharkov Province. N. V. Bublik. Nauch. trudy Zootekh. fak. Khar. zoovet. inst. 11: 25-31 '62.

Some problems in the economics of pork production. I. I. V. Rogachka. Nauch. trudy Zootekh. fak. Khar. zoovet. inst. 11: 18-24 '62.

KHARTOUM—ART SCHOOLS

The artists of Sudan. Az. i Afr. segodnia no. 12: 48-49 D '62.

KHASKHACHIKH, FEDOR IGNAT'EVICH, 1907-1942

Philosopher and soldier; in memory of F. I. Khaskhachikh. Vop. filos. 16 no. 12: 177 '62.

KHERSON—CANNING INDUSTRY

The Kherson plant is one of the oldest canning enterprises. G. P. Chumak. Kons. i ov. prom. 17 no. 12: 7-9 D '62.

KHERSON—CANNING INDUSTRY—EQUIPMENT AND SUPPLIES

Using the chemical method for peeling potatoes and edible roots. B. A. Ladychuk. Kons. i ov. prom. 17 no. 12: 10-12 D '62.

KHERSON—PENTECOSTAL CHURCHES

The court is in session. F. I. Isova'kyi. Volov. ateist no. 8: 20 Ag '62.

KHERSON—WOODPULP INDUSTRY

Enterprise with high level automation. Bum. prom. 37 no. 11: 12 N '62.

KHERSON—WOODPULP INDUSTRY—EQUIPMENT AND SUPPLIES

Device for reed bundling into packages. A. F. Grishankin. Bum. prom. 37 no. 11: 9-10 N '62.

KHERSON PROVINCE—COLLECTIVE FARMS—CONGRESSES

Brief news. D. V. Lebed'. Uchet i fin. v kolkhoz. i sovkhoz. 19 no. 12: 59-60 D '62.

KHERSON PROVINCE—FISHING

Some people spend their vacations in the Crimea, we, for ourselves, go to the village of Frinki O Luk'ianenko Ukraina no. 30 30-31 O '62.

KHERSON PROVINCE—PRECAST CONCRETE

We increase and lower the cost of the production of precast reinforced concrete N Fohel' Stil' bud 12 no 11 17-18 N '62

KHERSON PROVINCE—TRADE UNIONS—OFFICERS

Not a guest, but a competent boss. IA.Skliarevskii, Sov.profsoiuzy 18 no. 22 30 N '62.

KHETAGUROV, KONSTANTIN LEVANOVICH, 1859-1906

Kosta Khetagurov in criticism. G Apresian. Vop lit. 6 no.11 207-211 N '62

KHEYSA ISLAND—IONOSPHERIC RESEARCH

[illegible] [Materials] [illegible] [illegible] [illegible

KIROV PROVINCE BOOKSELLERS AND BOOKSELLING
Inspection in taking place. . . A. Novoselov. Sov. kniga, torg. 14 no 11 30 39 '62.

KIROV PROVINCE CORRESPONDENCE SCHOOLS AND COURSES
Training of personnel by correspondence. P. Sorokin, V. Mikhaylo. Prof.-tekh. obr. 19 no. 7 30 10 31 '62.

KIROV PROVINCE FLAX
Some problems concerning cultivation practices for flax in the northern regions of Kirov Province [with summary in English] V. N. Kuzmanovskii. Trudy VNII no 5 149 117 '58

KIROV PROVINCE LIBER, RUBBER
Public institute of production improvement in the Kirov Tire Plant. G. P. Golovina, S. Z. Shugol'. Kauch i rez. 21 no 11 57 61 N '62.

KIROV PROVINCE TRADE UNIONS OFFICERS
Give us attention! V. Perfilakova. Sov. profsoyuzy 18 no. 21 24-27 D '62

KIROVAKAN - TEXTILE FACTORIES
Greetings of the Central Committee of the CPSU and of the Council of Ministers of the U.S.S.R. on the occasion of the inauguration of the Kirovakan factory of rayon fibers. Prom. Arm. 5 no. 11.3 N '62.

KIROVOGRAD PROVINCE MATHEMATICS - STUDY AND TEACHING
Ministry of Education of the Ukrainian S.S.R. approved the work practice of mathematics teachers in Kirovograd Province. Mat. shk. 41 no. 6-8 50 9 '62.

KIROVOGRAD PROVINCE WORLD WAR, 1939-1945 - UNDERGROUND MOVEMENTS
He saved the life of a hero. [A. Rokut. Ukraina no. 24 27 11 '62

KISELEV, SERGEI VLADIMIROVICH, 1905-1962
S. V. Kiselev obituary. Vop. ist. no 12 204 D '62.

KISMAN DISTRICT - SOCIAL LIFE AND CUSTOMS
A wreath of flowers. [v. Sonnovnykyl. Volov. zhizn' 18 8-10 11 Ap '62

KIZIL KUM see Kyzyl Kum

KLAYPEDA, LITHUANIA see Memel

KNEK - TUBERCULOSIS
Clinical and morphological parallels in tuberculous gastritis. K. B. Lavrinchi, A. A. Bogatyreva. Probl. tub. 4 7,102 104 '62

Development and course of tuberculosis of the knee joint in case of a transected sciatic nerve in an experiment. I. D. Gudushauri. Izv. AN Arm.SSR Ser. biol. i m. i nauk no. 4 111 126 '62.

KNITTED GOODS INDUSTRY
(see also subdivision under Leningrad)

Questionnaire of the population of the U.S.S.R. for designing knitted articles. A. A. Kashkova. Standartizatsiia 26 no. 11,20 31 N '62.

KNIT GOODS INDUSTRY PRODUCTION STANDARDS
Improve the establishment of norms and the utilization of material resources in knit goods and shoe factories. I. Bludov, M. Pavlenkina. Ekon. SSSR 23 no. 11:71-77 N '62.

KNOWLEDGE, THEORY OF
Krasilova, A. I. [Critical evaluation of neopositivist views on the nature of knowledge] Kritika neopozitivistskikh vzgliadov na prirodu poznaniia. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1962. 336 p.

Logic of scientific investigation. M. N. Alekseev. Vop. filos. 36 no. 11:76-89 '62.

"Materialistic dialectics as logic and the theory of knowledge" by V. I. Cherkesov. Reviewed by M. V. Lin'kin. Ves. LGU 17 no. 23:140 142 '62.

Philosophical aspects of the problem of value and substance [with summary in English, p 188]. M. V. Popovich. Vop. filos. 16 ss. 12:35-46 '62

KOBYAIAN OIL, NATURAL - GEOLOGY
Course of the Daily Worker. S. Yarmev, B. Averbakh. Neftianik 7 no. 11 30 My '62.

KOCH'S LYMPH see Tuberculin

KOHAND - STUDENTS, CUBAN
Our friends from Cuba. V. Dekanozov. Prof.-tekh. obr. 19 no. 7:31 Jl '62.

KOKCHETAV PROVINCE BACTERIA, NITRIFYING
Nitrifying capacity of virgin and cultivated Solonets soils. N. S. Mitrofanova. Izv. AN Kazakh. SSR, Ser. bot. i pochv. no. 3:39-45 '62.

KOKCHETAV PROVINCE - PLANTS, PROTECTION OF
We are recognizing our work. V. Galaventsev, I. Akovitskii. Zashch. rast. ot vred. i bol. 7 no. 6:15 Je '62

KOKPEKTAV PROVINCE SOLONETZ SOILS
Nitrification capacity of virgin and cultivated Solonetz soils. N. S. Mitrofanova. Izv. AN Kazakh. SSR, Ser. bot. i pochv. no. 3:39 45 '62.

KOLA PENINSULA--FOREST SOILS
Soil characteristics in forests bordering on the tundra in the Kola Peninsula. A. I. Perelshevnikov. Izv. vys. ucheb. zav., les. zhur. 4 no. 5:37-40 '61.

KOLA PENINSULA--HEALTH RESORTS, WATERING PLACES, ETC.
In the Far North. A. Mizerovskaia. Okhr. truda i sots. strakh. 5 no 11 14-15 N '62.

KOLA PENINSULA --PHYTOPLANKTON
Primary production of phytoplankton in the lakes of the Kola Peninsula. F. N. Pokrovskaia. Trudy Gidrobiol. ob-va 12:150-171 '61.

KOLAR, IAKUB, pseud. see Mitskevich, Konstantin Mikhailovich, 1882-1956

KOLLONTAI, ALEKSANDRA MIKHAILOVNA, 1872-1952
The first woman diplomat; the 90th anniversary of A. M. Kollontai's birth. Nina Krymova. Zhen. mira no 3 14 15 '62

KOLOMIICHENKO, MIKHAIL ISIDOROVICH, 1892-
Mikhail Isidorovich Kolomiichenko on his 70th birthday. Vrach. delo no. 12:134-136 D '62

KOLOMNA INSURANCE, SOCIAL
Every ruble is accounted for. N. Mitin. Okhr. truda i sots. strakh. 5 no 11 17 N '62

KOLYMA VALLEY--GOLD ORES
Some regularities in the distribution of gold of various compositions in the southeastern part of the Yana-Kolyma gold-bearing belt. I. Z. Gorbunov. Zakonom. razm. polezn. iskop. 6:129 139 '62.

KOMI A. S. S. R. -- ATMOSPHERIC TEMPERATURE
Taking climatic factors into account in planning the expenditure of heating fuel in the Komi A. S. S. R. A. F. Anufriev, A. P. Bratnev. Izv. Komi fil. Geog. ob-va SSSR no 7 60-71 '62.

KOMI A. S. S. R. -- CONSTRUCTION INDUSTRY
With the diligence of seekers. L. Fedorin. Na stroikakh no. 1 no 6 6 8 Ag '62

KOMI A. S. S. R. - DWELLINGS
Russian influence in the dwellings of the Komi people. L. N. Zhemchuzhnov. Izv. Komi fil. Geog. ob-va SSSR no 7 108-109 '62

KOMI A. S. S. R. -ECONOMIC ZONING
Economic regionalization of the Komi A. S. S. R. V. A. Vilkova. Izv. Komi fil. Geog. ob-va SSSR no 7 3-11 N '62

KOMI A. S. S. R. - GAS, NATURAL -PIPELINES
Protection of ground level gas pipelines from corrosion in the Komi A. S. S. R. V. V. Murev, P. P. Chernetsov. Stroi. truboprov. 7 no 11 20 21 N '62.

KOMI A. S. S. R. - GEOGRAPHICAL SOCIETIES
Work of the Komi Branch of the All-Union Geographical Society in 1958-1960. A. M. Vinokina. Izv. Komi fil. Geog. ob-va SSSR no. 7 131-136 '62.

KOMI A. S. S. R.---HANDBOOKS, MANUALS, ETC.
Shukhin, A. F., and M. P. Chukichev. [The Komi A. S. S. R. (concise handbook)] Komi ASSR; kratkii spravochnik. Syktyvkar, Komi knizhnoe izd-vo, 1962. 113 p.

KOMI A. S. S. R. - HEATING - ESTIMATES
Taking climatic factors into account in planning the expenditure of heating fuel in the Komi A. S. S. R. A. F. Anufriev, A. P. Bratnev. Izv. Komi fil. Geog. ob-va SSSR no 7:60 71 '62.

KOMI A. S. S. R. --LUMBERING
Forty years of the lumbering industry of the Komi A. S. S. R. and problems of its further development. K. I. Azarov, V. P. Podoplelov, F. V. Shukhrat. Izv. Komi fil. Geog. ob-va SSSR no. 7:15-24 '62

KOMI A. S. S. R. - NAMES, GEOGRAPHICAL
Name origin of several rivers in the Komi A. S. S. R. P. V. Plenovskii. Izv. Komi fil. Geog. ob-va SSSR no. 7, 104-111 '62.

KOMI A. S. S. R.---PIKAS
Propagation of common pika. V. I. Kapitonov. Izv. Komi fil. Geog. ob-va SSSR no. 7, 131 '62.

KOMI A. S. S. R.---PRODUCTION STANDARDS
Labor problems should be solved with knowledge. I. Menshovich. Sots. trud 7 no. 11:40-44 N '62.

KOMI A. S. S. R.---RIVERS
Name origin of several rivers in the Komi A. S. S. R. P. V. Plenovskii. Izv. Komi fil. Geog. ob-va SSSR no. 7, 104 111 '62

KOMI A. S. S. R.---WAGES
Labor problems should be solved with knowledge. I. Menshovich. Sots. trud 7 no. 11:40-41 N '62.

KOMI A. S. S. R.---WOODWORKING INDUSTRIES
Forty years of the lumbering industry of the Komi A. S. S. R. and problems of its further development. K. I. Azarov, V. P. Podoplelov, F. V. Shukhrat. Izv. Komi fil. Geog. ob-va SSSR no 7 15-24 '62

KOMODO ISLAND --LIZARDS
Living legend. A. G. Voloshin. Priroda 51 no. 12: 101-104 D '62.

KOMSOMOLSK ON-AMUR--STREETCARS
We did it ourselves. N. Malakhov. Zhil.-kom. khoz. 12 no 6:15 Je '62

KONAKHKEND REGION--OSTRACODA, FOSSIL
Valanginian and Hauterivian ostracods from the Cross section of Kelevendy Mountain in Azerbaijan and their stratigraphic significance. Gen. Red.-Shnal' [Kon. Yanshina]. Izv. AN Azerb.SSR, ser. geol.-geog. nauk i nefti no. 3:43-50 '62.

KONOPNICKA, MARIA, 1842-1910
Plotnyanka, A. G. [Creative work of Maria Konopnicka] Tvorcheskii put' Marii Konopnitskoi. Moskva, Izd-vo Akad. nauk SSSR, 1962. 277 p.

KONOSHA DISTRICT--LUMBERING
Patriotic initiative of the brigade of I. S. Nikovlev, a deputy of the Supreme Soviet. Sov. deput. trud no. 11: 34 N '62.

KONSTANTINOVKA DISTRICT (AMUR PROVINCE) -- FARM MECHANIZATION
We can compare him with a good gardener. A. Stolbovskii. Sov. deput. trud. no 11:53 N '62.

KOPET-DAG--PALEONTOLOGY, STRATIGRAPHIC
Solenoy horizon of the western Kopet-Dag. M. I. Mordkin, A. S. Rollarov. Biul. MOIP. Otd. geol. 37 no. 5:61-80 S-O '62.

KOREA
[Korea; general survey] Koreia; obshchii obzor. [n. p.] 1961. 265 p.

KOREA, NORTH--COMMUNIST PARTY--CONGRESSES
Chonon Nodongdang. Tachoe 4th, Pyongyang, Korea, 1961. [Fourth Congress of the Workers' Party of Korea, Pyongyang, September 11 to 18, 1961] IV s"ezd Trudovoi partii Korei, Pkhen'ian, 11-18 sentiabria 1961 goda, Moskva, Gospolitizdat, 1962. 376 p. (Dokumenty i materialy zarubezhnykh kommunisticheskikh i rabochikh partii)

KOREA, NORTH -- ECONOMIC CONDITIONS
Pimenov, B. K., ed. [National economic development of the Korean People's Democratic Republic after the liberation. Abridged translation from the Korean] Razvitie narodnogo khoziaistva Koreiskoi Narodno-Demokraticheskoi Respubliki posle osvobozhdeniia. Pod red. i s predisl. B. K. Pimenova. Moskva, Izd-vo inostr. lit-ry, 1962. 337 p.

KOREAN STUDIES
Korean studies in the Soviet Union. I. Kazakevich. Az. i Afr. ssrg. no. 12:16-17 D '62.

KOREAN WAR, 1950-1953
Tolchenov, M. P. [Armed struggle of the Korean people for their freedom and independence; review of military action from June 1950 through June 1952] Vooruzhennaia bor'ba koreiskogo naroda za svoiu svobodu i nezavisimost'; obzor voennykh deistvii, iiun' 1950 g.-iiun' 1952 g. Moskva, Voen. izd-vo voen. M-va SSSR, 1962. 111 p.

[PHOTOCOPY]

KORGON REGION (ALTAI TERRITORY)--IRON ORES
Recent data on the age of the contact-metasomatic iron ore deposits of the Korgon zone of Gornyy Altai. V. D. Popov, Zh. D. Nikol'skaia, V. N. Zelepugin. Dokl. AN SSSR 147 no. 3:675-678 N '62.

KORNICHUK, OLEKSANDR EVDOKIMOVICH, 1905-
Kornichuk as a satirist. M. S. Lyask. Rad. lit. 6 no. 6:49-58 N-D '62.

KOROLENKO, VLADIMIR GALAKTIONOVICH, 1853-1921
"V. G. Korolenko in the remembrances of his contemporaries." Reviewed by A. Khrabrovitskii. Vop. lit. 6 no 11:238-237 N '62.

KOROSTYSHEV--ATHEISM--STUDY AND TEACHING
A "faculty of atheism." V. Stetsenko, I. TSipris. Volov. zhizn' no. 11:41 N '62.

KORYAK RANGE--MOUNTAIN SHEEP
Reproduction and growth of mountain sheep (Ovis nivicola Esch.) [with summary in English]. F. B. Chernyavskii. Zool. zhur. 41 no. 10:1556-1566 O '62.

KOSTROMA PROVINCE--APPELLATE COURTS
Review functions of province courts. A. Solovlev. Sov. just. no. 23:7-10 N '62.

KOSTROMA PROVINCE—BUILDING—TECHNOLOGICAL INNOVATIONS

Let us introduce progressive practices. E. Neginskii. Na stroi Ros. 3 no. 8 10-11 Ag '62.

KOSTROMA PROVINCE—CONIFERAE—FERTILIZERS AND MANURES

Foliar feeding of conifer seedlings. V. K. Asanova. Les. khoz. 15 no. 7 32-34 Jl '62.

KOSTROMA PROVINCE—CONSTRUCTION INDUSTRY

Why they build badly in Kostroma Province. P. Lipkin. Sel'. stroi. no. 11 25-26 N '62.

KOSTROMA PROVINCE—REFORESTATION

Mechanization of reforestation work in Kostroma Province. V. K. Asanova. Les. khoz. 15 no. 10 57-60 O '62.

KOTLIAREVS'KYI, IVAN, 1769-1838

Lectures devoted to I. P. Kotliarevs'kyi. P. P. Rotach. Rad. lit. 6 no. 6 150-151 N-D '62.

KOTSIUBYNS'KYI, MYKHAILO, 1864-1913

Third Republic Academic Conference on M. M. Kotsiubyns'kyi. M. M. Potupeiko. Rad. lit. 6 no. 6 153-154 N-D '62.

KOTUR-TEPE—PETROLEUM GEOLOGY

Basic features of the geology and oil potential of the Lenin field of the Turkmen S. S. R. K. K. Babenko. Geol. nefti i gaza. 6 no. 11:23-27 N '62.

KRAMATORSK—BAPTISTS

A large family. IE. Andrifenko. Voiov. ateist. no. 7 32-33 Jl '62.

KRAMATORSK—JEHOVAH'S WITNESSES

Prophets of the apocalypse. D. Koretskyi. Voiov. ateist. no. 6 18-20 Ag '62.

KRASNIKOV, VLADIMIR IVANOVICH, 1906-1962

Vladimir Ivanovich Krasnikov, an obituary. Razved. i okh. nedr. 28 no. 11:63-64 N '62.

KRASNOARMEYSKIY (DONETSK PROVINCE)—APARTMENT HOUSES

Manufacture and erection of series 1-480-1g buildings. I. Vovk, V. Popov. Bud. mat. i konstr. 4 no. 6 16-20 N-D '62.

KRASNODAR—SOCIAL PROBLEMS

Who ruined Tanya's life. V. Kuklev. Sov. profsoiuzy 18 no. 22:36-37 N '62.

KRASNODAR TERRITORY—AGRICULTURE

At the call of the party. N. Esin. Sel'. mekh. no. 10:1-2 '62.

KRASNODAR TERRITORY—CONDENSATE OIL WELLS—EQUIPMENT AND SUPPLIES

Using an industrial installation for low-temperature separation of gas in the Leningrad field. G. S. Stepanova, N. E. Legezin, A. I. Arutiunov. Trudy VNIIGAZ no. 17:125-134 '62.

KRASNODAR TERRITORY—FILBERT

Expand filbert plantations. S. F. Kuznetsov. Les. khoz. 15 no. 7 79 Jl '62.

KRASNODAR TERRITORY—GAS, NATURAL—SEPARATION

Special conditions governing the separation of a condensate containing paraffin from gas in the process of low-temperature separation. IA. D. Savvina. Trudy VNIIGAZ no. 17:135-141 '62.

Using an industrial installation for low-temperature separation of gas in the Leningrad field. G. S. Stepanova, N. E. Legezin, A. I. Arutiunov. Trudy VNIIGAZ no. 17:125-134 '62.

KRASNODAR TERRITORY—GAS WELL LOGGING, RADIATION

Using the neutron-gamma method in defining the gas-bearing layers in cased wells of the Yeisk-Berezan' gas-bearing region. E. M. Us. *Geol. nefti i gaza.* 6 no. 10 55-57 O '62.

KRASNODAR TERRITORY—GRAIN—DISEASES AND PESTS

Studying virus diseases of grain crops. K. S. Sukhov and others. Zashch. rast. ot vred. i bol. 7 no. 4:40 Ap '62.

KRASNODAR TERRITORY—HYBRID CORN

Darakov, N. N. [Growing hybrid seed corn on large areas; practices in growing hybrid seed corn in Krasnodar Territory] Vyrashchivanie gibridnykh semian kukuruzy na bol'shikh ploshchadiakh; opyt vyrashchivaniia gibridnykh semian kukuruzy v Krasnodarskom krae. Moskva, Sel'khozizdat, 1962. 31 p. (DNAL)

KRASNODAR TERRITORY—OIL WELL DRILLING

Karaev, A. K., A. L. Volik, and O. P. Kol'tsov. *[Drilling oil and gas wells, practice of the petroleum workers of Krasnodar Territory]* Burenie neftianykh i gazovykh skvazhin, opyt neftianikov Krasnodarskogo kraia. Moskva, Gostoptekhizdat, 1962. 170 p.

KRASNODAR TERRITORY—PASTURES AND MEADOWS

Herbicides in subalpine meadows. I. P. Varenik. Zashch. rast. ot vred. i bol. 7 no. 4 55 Ap '62.

KRASNODAR TERRITORY—PHYLLOXERA

Phylloxera in Krasnodar Territory. A. F. Chenkin. Zashch. rast. ot vred. i bol. 5 no. 2,62 F '60.

KRASNODAR TERRITORY—RAILROADS—FREIGHT

Concentration of freight operations in a reduced number of stations in the Kavkazskaya-Krasnodar Section. I. F. Grebennikov. Trudy RIIZHT no. 30 220-226 '61.

KRASNODAR TERRITORY—SAN JOSE SCALE—BIOLOGICAL CONTROL

Acclimatization of parasites of the San José scale. Zashch. rast. ot vred. i bol. 7 no. 2 47 F '62.

KRASNODAR TERRITORY—SEED PRODUCTION

Darakov, N. N. [Growing hybrid seed corn on large areas; practices in growing hybrid seed corn in Krasnodar Territory] Vyrashchivanie gibridnykh semian kukuruzy na bol'shikh ploshchadiakh; opyt vyrashchivaniia gibridnykh semian kukuruzy v Krasnodarskom krae. Moskva, Sel'khozizdat, 1962. 31 p. (DNAL)

KRASNODAR TERRITORY—SUNFLOWER—DISEASES AND PESTS

Preparation for treating sunflower seeds. A. M. Piterskaia. Zashch. rast. ot vred. i bol. 7 no. 2, 27 F '62.

KRASNODAR TERRITORY—VIRUS DISEASES OF PLANTS

Studying virus diseases of grain crops. K. S. Sukhov and others. Zashch. rast. ot vred. i bol. 7 no. 4 40 Ap '62.

KRASNODAR TERRITORY—WEED CONTROL

Chemical weed control in the fields of Krasnodar Territory. S. G. Kozhevnikov. Zashch. rast. ot vred. i bol. 5 no. 2:31 F '60.

KRASNODAR TERRITORY—WIREWORMS

Preparation for treating sunflower seeds. A. M. Piterskaia. Zashch. rast. ot vred. i bol. 7 no. 2, 27 F '62.

KRASNOGORSK—SOVIETS

A day when she receives her constituents. V. Ivannikova. Sov. deput. trud. no. 11:47-49 N '62.

KRASNOGORSKII, NIKOLAI IVANOVICH, 1882-1961

Nikolai Ivanovich Krasnogorskii, an obituary. N. I. Kasatkin. Zhur. vys. nerv. deiat. 12 no. 1 191-192 Ja-F '62.

KRASNOSLOBODKS (VOLGOGRAD PROVINCE)—MILITARY EDUCATION

Voluntary municipal committee at work. M. Kalashnikov. Voen. znan. 38 no. 12:19-20 D '62.

KRASNOYARSK—BRIDGE CONSTRUCTION

Assembly of precast reinforced concrete arches from the ice. D. M. Merkulov, G. M. Merkulova. Transp. stroi. 12 no. 10 20-21 O '62.

KRASNOYARSK TERRITORY—AGRICULTURE—FINANCE

Profitableness is the main thing. V. Antipin. *Fin. SSSR* 23 no. 11:60-64 N '62.

KRASNYY LIMAN DISTRICT—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

The guiding spirit of party work. V. Sivolitub. *Kommunist 39 no. 18 92-95 D '62.*

KRAVCHENKO, ALEKSEI IL'ICH, 1889-1940

Razumovskaia, S. V. Aleksei Il'ich Kravchenko. Moskva, Sovetskii khudozhnik, 1962. 257 p. (MH)

KRICHEV—CEMENT INDUSTRIES

A city of cement. M. Nikalaeu. Belarus' 19 no. 12, 16 D '62.

KRIVOY ROG—APARTMENT HOUSES

Experience of the Krivoy Rog housing construction combine. F. Zhyvohliad. Bud. mat. i konstr. 4 no. 6:7-11 N-D '62.

KRIVOY ROG—PRECAST CONCRETE CONSTRUCTION

Experience of the Krivoy Rog housing construction combine. F. Zhyvohliad. Bud. mat. i konstr. 4 no. 6:7-11 N-D '62.

KRIVOY ROG BASIN—GOETHITE

Goethite in rocks and ores of the Krivoy Rog Basin. S. M. Riabokon'. Trudy Inst. geol. nauk AN URSR. Ser. petr., min. ta geokhim. no. 6:96-108 '60.

KRIVOY ROG BASIN—IRON ORES

Mineralogical characteristics of iron ores and migmatites in the Inguleta Valley. IA. M. Bielievtsev, IU. P. Mel'nyk, O. I. Strykin. Trudy Inst. geol. nauk AN URSR. Ser. petr., min. ta geokhim. no. 6:136-140 '60.

"Oolite" structure of magnetite in iron ores of the Krivoy Rog Basin. V. S. Fedorchenko. Geol. zhur. 22 no. 6 94-99 '62.

KRIVOY ROG BASIN—MAGNETITE

"Oolite" structure of magnetite in iron ores of the Krivoy Rog Basin. V. S. Fedorchenko. Geol. zhur. 22 no. 6 94-99 '62.

KRIVOY ROG BASIN—MARTITE

Processes of the formation of martite in [illegible] of the Krivoy Rog Basin. IU. IU. Rusk. Trudy Inst. geol. nauk *AN URSR* Ser. petr., min. ta ge[illegible] 58-80 '60.

KRIVOY ROG BASIN—MIGMATITES

Mineralogical characteristics of iron ores and migmatites in the Inguleta Valley. IA. M. Bielievtsev, IU. P. Mel'nyk, O. I. Strykin. Trudy Inst. geol. nauk AN URSR. Ser. petr., min. ta geokhim. no. 6 136-140 '60.

KRIVOY ROG BASIN—MINE TIMBERING

New technical solutions for shaft reinforcement in the mines of Krivoy Rog Basin. I. B. Borzhkhovskyi. Shakht. stroi. 6 no. 11 6-9 N '62.

KRIVOY ROG BASIN—MINERALOGY

Relationship between the hydrothermal-metasomatic paragenesis of minerals and the composition of the cropping rocks during the albitization of [illegible] Krivoy Rog series. O. I. Strykin. Trudy Inst. geol. nauk AN URSR. Ser. petr., min. ta geokhim. [illegible] 117-127 '60.

KRIVOY ROG BASIN—PETROLOGY

Lower Proterozoic molasse and lagoon formations of the Krivoy Rog Basin. H. I. Kalliaiev. Geol. zhur. 22 no. 5:19-34 '62.

KRIVOY ROG BASIN—PROSPECTING—GEOPHYSICAL METHODS

Geophysical studies in boreholes in the Krivoy Rog Basin. Z. G. Muromtseva. Razved. i okh. nedr. 28 no. 11:52-54 N '62.

KRIVOY ROG BASIN—RAILROADS—LABOR PRODUCTIVITY

Work efficiently yourself, and help your comrades. M. Tkach. Part. zhizn' no. 24 21-25 D '62.

KRIVOY ROG BASIN—ROCKS, SEDIMENTARY

Lower Proterozoic molasse and lagoon formations of the Krivoy Rog Basin. H. I. Kalliaiev. Geol. zhur. 22 no. 5:19-34 '62.

KROTOV, BORIS PETROVICH, 1862-

Eightieth birthday of B. P. Krotov. I. I. Volfson and others. Geol. rud. mestorozh. no. 4 117-118 Jl-Ag '62.

KRYPTON

Cathode sputtering of mica and molten quartz by krypton ions. A. I. Akishin, S. S. Vasil'ev, L. N. Lineva. Izv. AN SSSR. Ser. fiz. 26 no. 11:1356-1358 N '62.

KRYPTON—ISOTOPES

Difference in the pressures of saturated vapors of krypton and xenon isotopes [with summary in Eng.]. V. N. Grigor'ev. Ukr. fiz. zhur. 7 no. 2 [illegible] '62.

KUBA DISTRICT—CHALCID FLIES

Chalcids (Hymenoptera Chalcidoidea) in northeastern Azerbaijan. L. M. Rzaeva. Izv. AN Azerb. SSR. ser. biol. i med. nauk no. 4:53-57 '62.

KUBAN—AERONAUTICS IN AGRICULTURE

Helicopters over the vineyards of the Kuban. [illegible] Kunashov. Zashch. rast. ot vred. i bol. 5 no. 2 [illegible] '60.

KUBAN—AGRICULTURE

Consistent intensification in the main path for [illegible] and state farm development. G. Vorob'ev. [illegible] khoz. 33 no. 11:19-27 N '62.

KUBAN—GRAPES—DISEASES AND PESTS

Helicopters over the vineyards of the Kuban. I. N. Kunashov. Zashch. rast. ot vred. i bol. 5 no. 2 [illegible] '60.

KUBAN—SPRAYING AND DUSTING EQUIPMENT

Collective and state farms need such a machine. [illegible] Svetlichnyi, V. IA. Pervitskii, V. K. Belianov. [illegible] rast. ot vred. i bol. 7 no. 6:14 Je '62.

KUBAN VALLEY—ARCHAEOLOGY

Economy of the tribes of the Maykop Culture in the [illegible] Valley. A. F. Formozov. Krat. soob. Inst. arkheol. no. 88:27-32 '62.

KUBAN VALLEY—SCHISTS

Albitized porphyroblastic schists in the Belaya-Laba interfluve (Northern Caucasus). I. S. Kramarenko. Biul. MOIP. Otd. geol. 37 no. 5:175-176 S-O '62.

KUBAN VALLEY—STOCK AND STOCKBREEDING

Economy of the tribes of the Maykop Culture in the [illegible] Valley. A. F. Formozov. Krat. soob. Inst. arkheol. no. 88:27-32 '62.

KUBATLY DISTRICT—SOILS

Soil characteristics in Kubatly District, Azerbaijan S. S. R. IU. I. Kostiuchenko. Izv. AN Azerb. SSR. ser. biol. i med. nauk no. 4:73-79 '62.

KUGAN—OIL WELL LOGGING

Artificial fracturing of Miocene carbonate rocks and its effect on the results of geophysical studies of wells. A. Z. Bedeches, A. A. Vakulakh, I. A. Lalitsyna. Geol. neft. i gaza 6 no. 11:51-55 N '62.

KUGITANG-TAU METAMORPHISM (GEOLOGY)

Metamorphism of ore-containing rocks in the Maydantalskoye mineral deposit. M. Berdaliyev. Vop. geol. Uzb. no. 2:14-17 '61.

KUKHMAR' VALLEY - MOUNDS

The Kukhmar' burial mound. D. A. Ivanov. Izv. kom. issl. arkheol. no. 88:1-63 '62.

KULUNDA STEPPE—TILLAGE

Effectiveness of early fall tillage in the Kulunda Steppe. P. I. Manzhos. Zemledelie 24 no. 7:75 N '62.

Tilling soils with flat-cutting implements in the Kulunda Steppe. M. I. Kalugin. Zemledelie 24 no. 7:70-71 N '62.

KUMA VALLEY—LOCUSTS—EXTERMINATION

First aerial expedition in the control of locusts. P. A. Svetlichko. Zashch. rast. ot vred. i bol. 7 no. 4:18-19 Ap '62.

KUNANBAEV, ABAI, 1845-1904

Stylistic similarity of the language used by Abai Kunanbaev and Mukhtar Auezov [in Kazakh with summary in Russian]. T. Zhanpeisov. Vest. AN Kazakh. SSR 18 no. 11:48-56 N '62.

KUNASHIR ISLAND - JOHNNALEIM

From Kunashir Island. An. Malinov. Sov. prich. no. 11:42-43 N '63.

KUPALA, IANKA, pseud. see Lutsevich, Ivan Domnikovich, 1882-1942

KUPAN' REGION - ANTIQUITIES

Mysterious bridge. Khabarof Khersonskii. Nauka i zhizn' 29 no. 10:67 O '62.

KUPRIN, ALEKSANDR IVANOVICH, 1870-1938

Between two chairs. A. Voilkov. Vop. lit. 6 no. 10:101-107 O '62.

KUPRIN, ALEKSANDR VASIL'EVICH, 1880-1960

Polevoi, V. M. Kuprin. Moskva, Sovetskaya, 1962. 46 p. plates.
(MH)

KUPYANSK-UZLOVOY - CIVIC IMPROVEMENT

The best chairman of the executive committee we have ever had. V. Kovalchuk. Sov. deput. trud. no. 11:74-76 N '62.

KURA LOWLAND - GRAPES - VARIETIES

Technological characteristics of the wine varieties of grapes grown in the Mil' Steppe. F. M. Mamedov. Trudy Azerb. nauch.-issl. inst. sad., vin. i subtrop. kul't. no. 5:111-116 '62.

KURA LOWLAND - WINE AND WINE MAKING

Technological characteristics of the wine varieties of grapes grown in the Mil' Steppe. F. M. Mamedov. Trudy Azerb. nauch.-issl. inst. sad., vin. i subtrop. kul't. no. 5:131-146 '62.

KURAMA RANGE - GEOLOGY, ECONOMIC

Structural position of the Sary-Chelak copper-molybdenum deposit. V. F. Vlasov. Vop. geol. Uzb. no. 2:77-81 '61.

KURDOV, LEV IVANOVICH, 1912-1962

Lev Ivanovich Kurdov, obituary. Radiotekhnika 17 no. 12:96 D '62.

KURDS see subdivision under Armenia

KURILE ISLANDS - DECAPODA (CRUSTACEA)

Some rare and new species of decapods (Decapoda, Malacostraca) from the region of the Kurile Islands. Z. I. Kobliakova. Inst. dalnevost. mor. SSSR no. 8:213-247 '61.

KURILE ISLANDS - ECHINODERMATA

Echinoderms of the Kurile Islands. Z. I. Baranova. Inst. dalnevost. mor. SSSR no. 8:117-204 '62.

KURILE ISLANDS - NEMATODA

New species of nematodes of the genus Pseudocella Filipjev from the Kurile Islands and southern Sakhalin. T. A. Platonova. Inst. dalnevost. mor. SSSR no. 8:200-216 '62.

KURILE ISLANDS—POLYCHAETA

Pelagic sexual stages of polychaetes caught in the region of the Kurile Islands by the use of light. V. V. Khlebovich. Inst. dalnevost. mor. SSSR no. 8:107-199 '62.

KURILE ISLANDS—PROSOBRANCHIATA

Fauna and ecology of prosobranchiate gastropods in the littoral waters of the Kurile Islands. A. N. Golikov, O. G. Kusakin. Inst. dalnevost. mor. SSSR no. 8:248-346 '62.

KURILE STRAITS—PHYTOPLANKTON

Phytoplankton of the Kurile Straits as an indicator of different water masses. A. I. Kuz'mina. Inst. dalnevost. mor. SSSR no. 8:0-90 '62.

KURSK MAGNETIC ANOMALY—IRON MINES AND MINING

High ceiling. Nikolai Vasil. Sov. profsoiuzy 18 no. 20:11-12 N '62.

Kursk horizont. L. Mikhailov. Ogonek 10 no. 10:8-9 '63.

The road to ores. V. Sotnikov. Na otkrytoi Rossii 1 no. 8:31-34 Ag '62.

KURSK PROVINCE—APPLE SCAB

Apple scab in Kursk Province. E. P. Teper'kaia. Zashch. rast. ot vred. i bol. 7 no. 8:57 Ag '62.

KUSTANAY PROVINCE—BEANS—DISEASES AND PESTS

Bean pests and diseases in Kustanay Province. P. G. Matia, I. A. Glushkova. Zashch. rast. ot vred. i bol. 7 no. 7:17 F '62.

KUSTANAY PROVINCE—IRON ORES

Akademiia nauk SSSR. Institut gornogo dela. [Oolitic iron ores of the Lisakovka deposit in Kustanay Province and means for their exploitation] Oolitovye zheleznye rudy Lisakovskogo mestorozhdeniia Kustanaiskoi oblasti i puti ikh ispol'zovaniia. Moskva, Izd-vo Akad. nauk SSSR, 1962. 234 p. (Zheleorudnye mestorozhdeniia SSSR [no. 1])

KUSTANAY PROVINCE—RELIGION

Thank you, people! N. Okunev. Sov. profsoiuzy 18 no. 22:27-28 N '62.

KUYBYSHEV—BEARING INDUSTRY

Lovkin, V. G. [Those who create the new; notes of the manager of a "communist labor workshop"] O budiakh, tvorimykh novoe, zapiski nachal'nika tsekha kommunisticheskogo truda. [Moskva] Profizdat, 1962. 160 p. (Bibliotechka profsoiuznogo aktivista, nom. 23/24(47/48))

KUYBYSHEV—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

The Kuybyshev party organization's leadership in the adaptation of industry to war purposes, 1941-1942. I. I. Samoilova, S. A. Barabanovskii. Trudy Kuib. ov. kniг. no. 11:55-85 '60.

KUYBYSHEV—ELECTRIC EQUIPMENT INDUSTRY

Maximum utilization of the hidden potential in industry. I. I. Erkanov, S. D. Shadchinev. Trudy Kuib. ov. kniг. no. 11:66-111 '60.

KUYBYSHEV—SOCIAL PROBLEMS

Laurels have been laid by the Soviet people. Sov. deput. trud. no. 11:3-8 N '62.

KUYBYSHEV—THEATER

Theater from the banks of the Volga. I. Romanueva. Teatr 23 no. 11:73-78 N '62.

KUYBYSHEV HYDROELECTRIC POWER STATION see Volga Hydroelectric Power Station (Lenin)

KUYBYSHEV PROVINCE—AGRICULTURAL ADMINISTRATION

Higher standards of party leadership in agriculture are an essential condition for its upsurge. D. P. Tsvetkov. Trudy Kuib. ov. kniг. no. 11:117-141 '60.

KUYBYSHEV PROVINCE—MILITARY EDUCATION

Initiative of voluntary workers. A. Petrov. Voen. znan. 38 no. 12:9-10 D '62.

KUYBYSHEV PROVINCE—OFFICE PRACTICE IN GOVERNMENT

"Dent over their papers." Sov. deput. trud. no. 11:84 N '62.

KUYBYSHEV RESERVOIR—HYDROLOGY

[Hydrological yearbook] Gidrologicheskii ezhegodnik. Leningrad, Gidrometeor. izd-vo.

1958, Vol. 4. [Caspian basin (except the Caucasus and Central Asia) Bassein Kaspiiskogo moria (bez Kavkaza i Srednei Azii).

Nos. 4, 6. [Kuybyshev Reservoir (Volga River basin below Cheboksary and the Kama River basin from the Vyatka River to the Volga Hydroelectric Power Station) and the Volga River basin below the Volga Hydroelectric Power Station)] Kuibyshevskoe vodokhranilishche (basseln r. Volgi nizhe g. Cheboksary i basseln r. Kamy nizhe r. Viatki - do Volzhskoi GES) i basseln r. Volgi nizhe Volzhskoi GES. Pod red. G. N. Pavlovoi. 1961. 230 p.

KUYBYSHEV RESERVOIR—PHYTOPLANKTON

Primary production of phytoplankton in Gorky and Kuybyshev Reservoirs. L. V. Buranov. Trudy Gidrobiol. ob-va 12:316-356 '62.

KUZ'MIN ALEKSANDR ALEKSANDROVICH, 1876-1920

Alikina, N. A. [Alexander Kuz'min, engineer and Communist] Inzhener-kommunist Aleksandr Kuz'min. Perm', Permskoe knizhnoe izd-vo, 1959. 60 p. (Zamechatel'nye liudi Prikam'ia)
(CU)

KUZNETSK BASIN—ASH (TECHNOLOGY)

Obtaining aploporite with fixed properties from ashes of bituminous coal from the Kuznetsk Basin. M. V. Bulakhtin, Shen Lind. VNIUNSM no. 6:60-63 '62.

KUZNETSK BASIN—BUILDING MATERIALS

Creation of a broad base for the supply of building materials and equipment to the construction industry in the chief challenge. V. I. Zubkovskii. Stroi. mat. 8 no. 11:5-8 N '62.

KUZNETSK BASIN—COAL—CARBONIZATION

Physicochemical investigation of the thermal destruction process of some Kuznetsk Basin coals. A. P. Bronshtein and others. Koks i khim. no. 11:12-17 '62.

KUZNETSK BASIN—COAL MINES AND MINING

Introduce advanced mining systems. T. D. Korovin. Ugol. prom. no. 6 no. 12:1-6 D '62.

KUZNETSK BASIN—COAL MINES AND MINING—LABOR PRODUCTIVITY

Mekkel', S. A. [Analysis of the potentials of lowering labor consumption as exemplified by the coal industry of the Kuznetsk Basin] Analiz rezervov snizheniia trudoemkosti na primere ugol'noi promyshlennosti Kuzbassa. Novosibirsk, Izd-vo Sibirskogo otd-nia, 1962. 64 p.

KUZNETSK BASIN—IRON AND STEEL WORKERS

"Pride of the working man" by M. Privalov. Reviewed by K. Semenov. Sov. profsoiuzy 18 no. 22:46-47 N '62.

KVIRILA VALLEY—ANTIQUITIES

Some results of archaeological studies in the Kvirila Valley in 1955 [in Georgian with summary in Russian]. O. D. Lapiridze. Trudy Inst. GU 87:327-354 '60.

KYMOGRAPH

Urokymography [with summary in English]. S. I. Rinkel'shtein. Urologiia no. 5:14-18 '62.

KYURDAMIR REGION—WARBLERS

Reproduction of menetries' warbler Sylvia mystacea in Azerbaijan [in Azerbaijani with summary in Russian]. G. T. Mamedov. Uch. zap. AGU Biol. ser. no. 6:39-43 '60.

KYZYL KUM—COPPER ORES

Paleozoic copper rocks in the central and southwestern Kyzyl Kum. N. S. Rakhimova. Vop. geol. Uzb. no. 2:15-53 '61.

KYZYL KUM—DESERT FLORA

Materials on ephemeral vegetation in the eastern Kyzyl Kum. M. I. Gladkikh. Trudy Inst. bot. AN Kazakh. SSR 13:131-162 '62.

KYZYL KUM—GEOLOGY, ECONOMIC

Geology, prospects for finding oil and gas, and trends in geologic studying of the Kyzyl Kum. A. G. Novikov, F. F. Shatsyn, V. A. Zagorulko. Izv. AN Kazakh. SSR Ser. geol. no. 5:16-26 '62.

KYZYL KUM—LIMESTONE

Granulometric characteristics of sands and limestones in Cretaceous sediments of the Kyzyl Kum. R. A. Gabdullin. Vop. geol. Uzb. no. 2:68-79 '61.

KYZYL KUM—SAND

Granulometric characteristics of sands and limestones in Cretaceous sediments of the Kyzyl Kum. R. A. Gabdullin. Vop. geol. Uzb. no. 2:68-79 '61.

KZYL-ORDA PROVINCE—PASTURES AND MEADOWS

Brief characteristics of natural forage lands in Kzyl-Orda Province. E. P. Borodina. Trudy Inst. bot. AN Kazakh. SSR 13:73-100 '62.

KZYL-ORDA PROVINCE—RECLAMATION OF LAND

Natural regions of Kzyl-Orda Province. V. M. Borovskii and others. Izv. AN Kazakh. SSR. Ser. bot. i pochv. no. 3:3-28 '62.

KZYL-ORDA PROVINCE—SOILS

Natural regions of Kzyl-Orda Province. V. M. Borovskii and others. Izv. AN Kazakh. SSR. Ser. bot. i pochv. no. 3:3-28 '62.

LABOR, COMPLICATED

Pregnancy and labor in women with an atrioventricular conduction disorder [with summary in English]. L. V. Vanina, M. N. Mal'kova, M. M. Shekhtman. Kardiologiia 2 no. 5:65-69 S-O '62.

LABOR AND LABORING CLASSES

(see also subdivision under Bulgaria; Estonia, Gorkiy; Great Britain; New Zealand; Odessa Province; United States; Ural Mountain region, White Russia)

A conference on the history of the laboring classes and labor movement in Russia. D. V. Iliorifskaia. Vop. ist. no. 11:97-101 N '62.

Editorial anniversary. V. Kolesnichenko and others. Agitator no. 11:57-59 Je '62.

The first coordinating meeting to discuss the comprehensive history of the international workers' and national liberation movements. Obshchestv. nauki v Uz. 6 no. 10:73-74 '62.

From the editors mail. Sots trud 7 no.11:133-135 N '62

"International migration of the labor force in the capitalist system of world economy" by E Pletnev. Reviewed by A.Shlepakov. Mir.ekon.i mezhdunar.otn no 12:126-127 D '62.

International Trade Union Congress Moscow, 1961 [Modern problems of the international labor and trade-union movements] Sovremennye problemy mezhdunarodnogo rabochego i profsoiuznogo dvizhenila, materialy [Moskva] Profizdat, 1962 253 p.

Kondratenko, G., and IA.Tikhomirov, comps., [Honor to labor, articles and sketches] Chest' trudu, stat'i i ocherki. [Kiev, Gospolitizdat USSR, 1961], 207 p. (MH)

Markov, N.V. [Physical and intellectual work under communism] Fizicheskii i umstvennyi trud pri kommunizme. Moskva, Izd-vo "Sovetskaia Rossia," 1962. 127 p.

A meeting in Kiev on the comprehensive problem of the Great Socialist October Revolution Kh I Obshchestv nauki v Uz 6 no 10 74-75 '62

Nagavitsyn, M. T. [The accumulation of capital and the worsening of the working class' condition] Nakoplenie kapitala i ukhudshenie polozhenila rabochego klassa. Moskva, Vysshaia shkola, 1962. 101 p.

Petrov, S.M. [Beginning of the workers' movement and the spread of Marxism in Russia, 1883-1894] Nachalo rabochego dvizhenila i rasprostranenie marksizma v Rossii, 1883-1894 gg. Izd.2. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1960. 78 p. (Istoriia KPSS, kurs lektsii Tema 1) (RPB)

Problems of contemporary capitalism. Mir.ekon.i mezhdunar.otn. no.12:58-79 D '62.

Schwartz, S.M. [Menshevism and Bolshevism and their relations with the labor movement] Men'shevizm i bol'shevizm v ikh otnoshenii k massovomu rabochemu dvizheniiu. [New York, Interuniversity Project on the History of the Menshevik Movement, 1962?] - l.v. (CSt-H)

"Work organization in a shop section" by A.G Losev. Reviewed by B. Zakharov, IU Konstantinov Sots.trud 7 no.11,152-156 N '62.

LABOR AND LABORING CLASSES—BIBLIOGRAPHY see Bibliography—Labor and laboring classes

LABOR AND LABORING CLASSES—MEDICAL CARE see subdivision under Bodaybo

LABOR AND LABORING CLASSES—MEDICAL EXAMINATIONS

Obstetrical and gynecological service and the prophylactic examination of female workers at the Gorkiy Automobile Factory. E M Shitova, M.IA Bundina. Sov. zdrav. 21 no.12 10-12 '62

LABOR AND LABORING CLASSES—RESEARCH (see also subdivision under Great Britain)

Facing new problems. Biul.nauch.inform.,trud i zar plata 5 no.11:3-6 '62.

LABOR COURTS (see also subdivision under Rostov-on-Don; Tbilisi)

Kuznetsova, N. F. [Jurisdiction of fellow workers' courts in the examination of criminal cases] Dela o prestupleniiakh, rassmatrivaemykh tovarishcheskimi sudami. [Moskva] Izd-vo Mosk univ., 1962. 62 p.

Sokolov, IU.A. [Participation of Soviet workers in the maintenance of law and order] Uchastie trudiashchikhsia v okhrane sovetskogo obshchestvennogo poriadka. Moskva, Gosiurizdat, 1962. 169 p.

We should have more confidence in the ability of our fellow workers' courts. L Griboedov, Sov iust no. 10;21 My '62

LABOR DISCIPLINE

Our consultations. Sov. profsoiuzy 18 no. 23:42-43 D '62.

Soviet public will censure the violators of labor discipline. G Bychkovskii. Sov.iust. no 11;23 Je '62

Your good name. A.Ulesov. Sov.profsoiuzy 18 no. 22-2-3 N '62.

LABOR DISPUTES

Smollarchuk, V.I. [Procedure in the examination of labor disputes in the U.S.S.R.] Poriadok rassmotreniia trudovykh sporov v SSSR. Moskva, Gosiurizdat, 1962. 102 p.

LABOR LAWS AND LEGISLATION

"Legal defense of the labor rights of Soviet citizens" by E.I Filippov. Reviewed by A. Goroshko, E. Klenov. Sov. iust. no. 12;29-30 Je '62

Legal problems concerning the organized recruiting of workers in the U.S.S.R. [with summary in English]. E.V.Magnitskaia. Vest.LGU 17 no.23;70-79 '62.

Letters from the editor. Sov.profsoiuzy 18 no.23;44 D '62.

Snigireva, I.O. [Special benefits for the personnel of the Soviet commercial airlines] L'goty rabotnikam grazhdanskogo vozdushnogo flota. Moskva, Gosiurizdat, 1962. 75 p. (L'goty po sovetskomu zakonodatel'stvu)

Survey of labor legislation. Sots.trud 7 no.11;146-147 N '62.

LABOR PARTY (GREAT BRITAIN) see Great Britain—Labor Party

LABOR PASSPORTS

Control of the trade-union organization over the correct maintenance of labor passports B Zheleznov Okht trudi i sots strakh 5 no 11 39-40 N '62

LABOR PRODUCTIVITY

Comprehensiveness and problems in the classification and analysis of potentials G.Prudenskii Biul nauch inform.,trud i zar plata 5 no.11;19-25 '62.

Figures and facts. Agitator no. 11;21-22 Je '62

The future is in today. A.Polonskii. Az.i Afr.seg. no.11,26-28 N '62.

Growth of labor productivity is the basis for socialist accumulation. I.Slavnyi. Fin SSSR 23 no.11-13-21 N '62.

Increased labor productivity is the way to prosperity V.Budarin, V Hlushin. Polit.samoobr. 6 no.12 71-83 D '62.

Try to achieve the highest labor productivity in the world. L.Leont'ev. Agitator no 11,9-14 Je '62

LABOR PRODUCTIVITY—ACCOUNTING see Productivity accounting

LABOR SUPPLY

Legal problems concerning the organized recruiting of workers in the U.S.S.R. [with summary in English]. E.V.Magnitskaia. Vest.LGU 17 no.23;70-79 '62.

Utilizing the labor force under socialism. A.A.Sukhov. Vest.Mosk.un.Ser.8 Ekon.,filos. 17 no.6 32-43 N-D '62.

LABORATORIES—EQUIPMENT AND SUPPLIES

Grinding ball mortars. IA.H.Chuhunkov, P.I.Martynenko. Visnyk sil'hosp.nauky 5 no.10;123-124 O '62.

LABORATORY ANIMALS

Methods for raising microbiologically sterile animals and their use in scientific experiments Z V Lazurkevych Mikrobiol zhur. 24 no 2 60-64 '62

LACE BUGS—EXTERMINATION

Preparations for killing the Azalea lace bug. E.D. Nikolaeva. Zashch.rast.ot vred.i bol. 6 no.8;31 Ag '61.

LACRIMAL ORGANS—SURGERY

Restoration of the patency of the upper segments of the lacrimal tract. B.F.Cherkunov. Vest.oft. no.5-63-66 '62.

Some surgical interventions on the lacrimal tract in its obliteration [with summary in English] I.A. Zavialov Vest.oft. no.5-59-63 '62.

LACTAMS

Mechanism of lactam polymerization (with summary in English). S M Skuratov and others. Vysokom soed 4 no 12;1770-1778 D '62.

LACTOSE

Synthesis of tosyl ethers of lactose and lactulose. Z B Shaposhnikova and others Ukr khim.zhur 28 no.7 858-860 '62

LACTULOSE

Synthesis of tosyl ethers of lactose and lactulose Z B Shaposhnikova and others. Ukr khim zhur 28 no.7; 858-860 '62

LADZHANURI HYDROELECTRIC POWER STATION—CONCRETE CONSTRUCTION

Vsesoiuznyi institut po proektirovaniiu organizatsii energeticheskogo stroitel'stva "Orgenergostroi." [Quality control of concrete work in construction of the arch dam of the Ladzhanuri Hydroelectric Power Station] Kontrol' kachestva betonnykh rabot pri sooruzhenii arochnoi plotiny Ladzhanurskoe GES. Moskva, Orgenergostroi, 1962. 52 p.

LADZHANURI HYDROELECTRIC POWER STATION—DAMS

Vsesoiuznyi institut po proektirovaniiu organizatsii energeticheskogo stroitel'stva "Orgenergostroi." [Quality control of concrete work in construction of the arch dam of the Ladzhanuri Hydroelectric Power Station] Kontrol' kachestva betonnykh rabot pri sooruzhenii arochnoi plotiny Ladzhanurskoi GES. Moskva, Orgenergostroi, 1962. 52 p.

LAFARGUE, PAUL, 1841-1911

From F.Engels's correspondence with P. Lafargue. Polit.samoobr. 6 no.12;19-23 D '62.

LAGOCHILUS

Anticonvulsive action of some types of plants of the Lagochilus family T.R Abdurakhmanov. Med zhur. Uzb. no 3;59-60 Mr '62.

Effect of infusions of Lagochilus inebrians on venous pressure under experimental conditions M.M Mansurov Med zhur.Uzb no.3 60-61 Mr '62

LAKES see subdivision under Latgale

LAMBLIASIS see Giardiasis

LAMELLIBRANCHIATA see subdivision under Aral Sea, Azov, Sea of

LAMELLIBRANCHIATA, FOSSIL see subdivision under Ural Mountain region

LAMINAR FLOW

Experimental investigation of light-scattering phenomena in laminar and turbulent fluid flows V.V. Struminskii, V.M.Filippov. Izv.AN SSSR.Otd.tekh.nauk,Mekh i mashinostr no.5;10-16 S-O '62

LAMINATED METALS—WELDING

Automatic welding of two-layer steel without preliminary edge preparation. D P Antonets, G.G. Pavlova. Avt. svarka no 5 19-21 My '62.

LAND see subdivision under Latvia

LAND TENURE (see also subdivision under Africa, Byzantine Empire, China; Indonesia, Riga region; Ukraine)

Agrarian policy during the "opricnina," 1565-1572 [with summary in English, p 209] A A Zimin Ist no 12 60-76 D '62

The Fifth Inter-Republic Conference on the Agrarian History of Eastern Europe. A.Z Ihnatkin, V.V Ukr.ist.zhur. 6 no.6 116-118 N-D '62

The ideas of the great Lenin are being put into practice P Gunov. Ekon.sel'khoz 33 no.11 85-90 N '62

[A yearbook for 1960 on the agrarian history of Eastern Europe] Ezhegodnik po agrarnoi istorii Vostochnoi Evropy, 1960 g. Kiev, Izd-vo Akad. nauk USSR, 1962. 580 p.

LAND TERRACING see Terracing

LANDAU, LEV DAVIDOVICH, 1908-

Nobel prize winner for 1962 L.D.Landau. [By E.M. Lifshits, A.A.Abrikosov, I.M.Khalatnikov. Vest.AN SSSR no.12;63-67 D '62.

LANDFORMS

Macrorelief zones and their relationship with V.V. Dokuchaev's natural zones. L.P Shubaev Geog.sb-v no.15;132-137 '62.

LANDSCAPE ARCHITECTURE

Principles of landscape architecture. E.Palamarchuk. Arkhit.SSSR no.7,42-45 '62.

LANDSCAPE GARDENING see subdivision under Omsk

LANDSLIDES see subdivision under Franz Josef Land

LANGUAGE AND LANGUAGES

Chesnokov, P.V [The logical phrase and the sentence] Logicheskaia fraza i predlozhenie. [Rostov-na-Donu] Izd-vo Rostovskogo univ., 1961. 67 p. (MH)

LANGUAGE AND LANGUAGES—STUDY AND TEACHING

Moscow, Moskovskii Gosudarstvennyi pedagogicheskii institut inostrannykh iazykov. [Foreign-language specialists in higher educational institutions] Inostrannye iazyki v Vysshei Shkole, tematicheskii sbornik. Moskva, 1962. 178 p.

LANTHANUM BORIDE—OPTICAL PROPERTIES

Optical constants of LaB6 and CeB6 [with summary in English]. B.M.Tsarev, S.V.Ilinskaia Fiz.tver.tela 4 no.6,85-89 N-D '62.

LANTHANUM SILICATE

Solid solutions of lanthanum orthosilicate in rare-earth silicate. N.A.Toropov, N.I.Fedorov. Zhur.neorg.khim. 36 no.11;2548-2550 N '62.

LAOS—POLITICS AND GOVERNMENT

Laos in peaceful conditions. D.Makovlev. Nov.vrem. 20 no 52-21-22 D '62.

LAPLACE TRANSFORMATION

Transformations of surfaces by means of focal surfaces. M.A. Akivis. Izv.vys.ucheb.zav.;mat. no.6-33-42

LARCENY

Criminal responsibility for the theft of public, [illegible] and private property. Sov.iust. no 11;12-13 Je '62

LARCH (see also subdivision under Ukraine)

Use of larch shavings and sawdust for the manufacture of wood plastics without bonding. I.A. Vaskin-Ivanov, V.N.Petri. Der.prom. 11 no.11;9-10 N '62

LATGALE—LAKES

Hydrochemical characteristics of small lakes in the Latgale Upland in connection with their type. Sodes F.Pera. Izv.AN Latv.SSR no.1;93-100 '61.

LATGALE—REVOLUTION OF 1905

"Revolution of 1905-1907 in Latgale" by J Blaslis. Reviewed by A.Birons. Izv.AN Latv.SSR no.3;193 '61.

LATGALE—WATER—COMPOSITION

Hydrochemical characteristics of small lakes in the Latgale Upland in connection with their type. Sodes F.Pera. Izv.AN Latv.SSR no.1;93-100 '61.

LATHES

All-purpose lathe for young technicians P. Osipov IUn tekh 7 no 11 70-71 N '62

Polulanov, V. T. [Lathes] Tokarnye stanki. Moskva, Mashgiz, 1961 36 p. (Nauchno-populiarnaia biblioteka rabochego-stanochnika, no 23)

Portable table lathe IUn tekh 7 no 11 73 N '62

LATIN AMERICA—INVESTMENTS, FOREIGN

"European capital in the mining of Spanish America in the 16th century" [in German] by T. Werner. Reviewed by IU. M. Grigor'ian. Vop. ist. no. 11:199-200 N '62.

Latin America, a rivalry sphere of foreign monopolies. G. Khokhlov. Mir. ekon. i mezhdunar. otn. no. 12:85-87 D '62.

LATIN AMERICA—MINES AND MINERAL RESOURCES

"European capital in the mining of Spanish America in the 16th century" [in German] by T. Werner. Reviewed by IU. M. Grigor'ian. Vop. ist. no. 11 199-200 N '62.

LATIN AMERICA—POLITICS

Revolutionary movement in Latin America and the policy of the U. S. A. IA. Grigor'ev Vop. ist no 12 178-179 D '62

LATIN AMERICA—TRADE UNIONS

The unity of Latin American trade unions is becoming stronger. Jose Rodrigo. Vnesh. prof. dvizh. no. 11: 7-11 N '62.

LATVIA—AGRICULTURAL IMPLEMENTS

Leimasare, Ingrida. [Farming and farm implements in Latvia during the decline of the feudal system] Zemkopibu un zemkopibas darba riki Latvija klausu saimnieciskas saimsruna laika. Riga, Latvijas PSR Zinatnu akad. Izdevnieciba, 1962. 108 p. [In Latvian]

LATVIA—AGRICULTURAL MACHINERY—SAFETY APPLIANCES

It'll "slip by" perhaps... P. Justs. Okhr. truda i sots. strakh. 5 no. 11:29 N '62

LATVIA—ANTIQUITIES

Types of bone articles from the first millennium BC found in Latvia [in Latvian with summary in Russian] J. Graudonis. Izv. AN Latv. SSR no. 3 13-20 '61

LATVIA—COMMERCE

Latvia exports goods to 60 countries. D. Okunev. Vnesh. torg. 42 no. 12:34-35 '62.

Numismatic material concerning the trade routes of Latvia in the 9th-13th centuries [in Latvian with summaries in German and Russian]. E. Muriurevics. Izv. AN Latv. SSR no. 1 11-24 '61.

LATVIA—COMMERCE—WHITE RUSSIA

Trade relations of Riga with Polotsk, Vitebsk, and Smolensk in the 13th-14th centuries. E. Muravskaia. Izv. AN Latv. SSR no. 2:31-42 '61.

LATVIA—COMMUNIST YOUTH LEAGUE

Conference between the Academy of Sciences of the Latvian S. S. R. and the Communist Youth League with the objective of putting into practice results of research [in Latvian]. E. Krauja. Izv. AN Latv. SSR no. 2:182-183 '61.

LATVIA—CULTURE—EXHIBITIONS

Latvian S. S. R. Tautas saimniecibas sasniegumu izstade. [The hall of culture] Kulturas zale. Riga, Latvijas Valsts izdevnieciba, 1960. 27 p. [In Latvian]

LATVIA—ETHNOLOGICAL MUSEUMS AND COLLECTIONS

Latvijas Lauku Dzives Valsts Muzejs. [Latvian Ethnographical Museum] Latviiskii etnograficheskii muzei. Riga, M-vo kul'tury Latviiskoi SSR, 1960 33 p.

LATVIA—FISHES—FOOD

Production of fish paste for feeding pond fishes. A. Prieditis. Trudy sov. ikht. kom. no. 14:48-52 '62.

LATVIA—FISHPONDS

Mixed fertilizers as a means of increasing the productivity of swamp-fed ponds in the Latvian S. S. R. M. Matisane. Trudy sov. ikht. kom. no. 14:37-40 '62.

Raising of Coregonus peled in the ponds of the Latvian S. S. R. G. Andrusaitis. Izv. AN Latv. SSR no. 1:87-92 '61.

LATVIA—FOREST MANAGEMENT

Combined lumbering and forest conservation practices as the basis of forest management. L. Makarova. Les. khoz. 15 no. 10 76-78 O '62.

The entire system of silvicultural measures should be used to increase the productivity of forest. R. Zanders Les. khoz 15 no 7:2-7 Jl '62.

LATVIA—HEALTH RESORTS, WATERING PLACES, ETC.

Porinov, F. G. [Health resorts of Soviet Latvia] Kurorty Sovetskoi Latvii. Izd. 3., perer. i dop. Riga, Latviiskoe gos. izd-vo, 1962. 116 p.

LATVIA—INDUSTRIAL MANAGEMENT

Business accounting as an economic category of socialism. J. Ofmanis. Trudy Kal. tekh. inst. ryb. prom. i khoz. 12:26-39 '61.

LATVIA—INDUSTRIES

Markau, I. [Outline history of Latvian industry] Ocherki po istorii promyshlennosti Latvii. Riga, Latgosizdat, 1961. 125 p. (MH)

LATVIA—LAND

Land evaluation in bourgeois Latvia [in Latvian]. G. Blukis. Izv. AN Latv. SSR no. 2:43-51 '61.

LATVIA—LUMBER—TRANSPORTATION

Loading short timber and firewood in cuttings for intermediary use. Z. Salins Les. khoz 15 no 10 53-56 O '62

LATVIA—METAL-CUTTING TOOLS

Shul'ts, P. I. [Specialization and concentration of the manufacture of metal cutting tools in the machinery industry of the Latvian S. S. R.] Spetsializatsiia i kontsentratsiia proizvodstva instrumentov v mashinostroenii Latviiskoi SSR. Riga, Izd-vo Akad. nauk Latviiskoi SSR, 1958. 148 p.

LATVIA—MILKING MACHINES

Skromanis, A. [DPR-2 milking unit] SlaukSanas agregats DPR-2. Riga, Latvijas Valsts izdevnieciba, 1961. 88 p. [In Latvian]
(DNAL)

LATVIA—MOTION-PICTURE PLAYS

An objective with one item unknown. N. Lordkipanidze. Isk. kino no. 12:35-37 D '62.

LATVIA—NUMISMATICS

Numismatic material concerning the trade routes of Latvia in the 9th-13th centuries [in Latvian with summaries in German and Russian]. E. Mugurevics. Izv. AN Latv. SSR no. 1:11-24 '61.

LATVIA—SOVIETS

Lirzina, Lina. [Rural soviets of workers' deputies] Clemu darba lauzu deputatu padomes. Riga, Latvijas PSR Zinatnu Akad. izdevnieciba, 1962. 105 p. [In Latvian]

LATVIA—STOCK AND STOCKBREEDING

Denisov, M. T., and V. K. Graveris. [Animal husbandry on our collective farm] Zhivotnovodstvo nashego kolkhoza. Moskva, Sel'khozizdat, 1962. 70 p.
(DNAL)

LATVIA—SUGAR BEETS

Economic effectiveness of rational location and concentration of commercial sugar-beet production [in Russian]. M. Matveev. Izv. AN Latv. SSR no. 1:25-32 '61.

LATVIA—TANK VESSELS

Operation of cargo pumps with subsequent steam expansion on the tanker "Liepaja." V. Bratkovskii. Mor. flot 22 no. 9 35 S '62.

LATVIA—TECHNOLOGICAL INNOVATIONS

Elimination of hard manual labor in industrial enterprises of the Latvian S. S. R. V. P. Rogov. Mekh. i avtom. proizv. 16 no. 11:52-55 N '62.

LATVIA—VIEWS

[Fifteen years of Soviet Latvia, 1940-1955] 15 let Sovetskoi Latvii, 1940-1955. [Sostaviteli i avtory tekstov: IA. Vanag i dr. Red. I. Plotko. Riga, Latviiskoe gos. izd-vo, 1955] 1 v. (unpaged, chiefly illus.)

LATVIA—WATER RESOURCES DEVELOPMENT

Improving the sources of water supply in the national economy of the Latvian S. S. R. M. Lavrinovich. Izv. AN Latv. SSR no. 2:171-172 '61.

LATVIA—WHITEFISHES

Raising of Coregonus peled in the ponds of the Latvian S. S. R. G. Andrusaitis. Izv. AN Latv. SSR no. 1 87-92 '61.

LATVIA—WOODWORKING INDUSTRIES—HYGIENIC ASPECTS

Discussion in a workshop. S. Iorsh. Okhr. truda i sots. strakh. 5 no. 11:13 N '62

LATVIAN LANGUAGE—DICTIONARIES—ENGLISH

Turkina, Elvenija. [Latvian-English dictionary] Latviesu-anglu vardnica. M. Andersones redakcija. Parstradats un papildinats otrais izdevums. Ap 31000 vardu. Riga, Latvijas Vlasts izdevnieciba, 1962. 775 p.

LATVIAN LANGUAGE—SYNTAX

In search of new paths [in Latvian]. J. Karklins. Izv. AN Latv. SSR no. 3, 129-138 '61.

LATVIAN LITERATURE—HISTORY AND CRITICISM

Knope, Elza. [Latvian literary criticism in the second half of the 19th century] Latviesu literaturas kritika XIX gs. otraja puse. Riga, Latvijas PSR Zinatnu Akademijas Izdevnieciba, 1962. 225 p. [In Latvian]

LATVIAN LITERATURE—TRANSLATIONS INTO RUSSIAN—BIBLIOGRAPHY see Bibliography—Latvian Literature—Translations into Russian

LAUNDRIES, PUBLIC see subdivision under Novosibirsk

LAVOISIER, ANTOINE LAURENT, 1743-1794

Dorfman, IA. G. [Lavoisier] Lavuaz'e. 2., perer. izd. Moskva, Izd-vo Akad. nauk SSSR, 1962. 324 p.

LAW

(see also subdivision under Czechoslovakia)

Answering our readers' questions. Sov. iust. no 10:31 My '62

Answering our readers' questions Sov iust. no. 12: 31-32 Je '62

Humane court is the court of a new society. Kul't. i zhizn' 6 no. 10:43-45 '62.

New studies on the history of the Soviet state and Soviet law published in the Union Republics. Sov. gos. i pravo 32 no. 12 150-154 D '62.

Recent enactments of the Presidium of the Supreme Soviet of the U. S. S. R. Sov iust no 10:25-28 My '62

Rulings of the plenary session of the Supreme Court of the U. S. S. R Sov iust no 10, 26-27 My '62

LAW—BIBLIOGRAPHY see Bibliography—Law

LAW—CASES

[Bulletin of the Supreme Court of the R. S. F. S. R.] Biul. Verkh. Suda RSFSR nos. 8, 10 '62

LAW—HISTORY AND CRITICISM

"The Code of 1649" by M. N. Tikhomirov, P. P. Epifanov. Reviewed by V. I. Buganov, V. I. Lebedev. Vop. ist. no. 11 153-154 N '62.

LAW—STUDY AND TEACHING

A conference of lecturers on legal problems. E. Panskaia Sov iust. no 12;26-27 Je '62.

Higher correspondence schools and evening courses in the U. S. S. R. K. A. Mokichev. Sov. gos. i pravo 32 no. 12:129-138 D '62.

LAW AND TECHNOLOGY see Technology and law

LAWYERS

(see also subdivision under United States)

One of the best lawyers. K. Aleksandrovskii. Sov. iust. no. 8, 26-27 Ap '62

LAYING OFF (SHIPBUILDING)

Nikonov, S. N., and V. P. Pankratov. [Lay-off man in shipbuilding] Sudovoi razmetchik. Leningrad, Sudpromgiz, 1962. 217 p.

LEACHING

Theory of the leaching of arsenic from arsenous dusts by sodium sulfate solutions. I. R. Polyvianyi, IA. Z. Maikin. Vest. AN Kazakh. SSR 18 no 11 3-10 N '62

LEAD—ANALYSIS

Polarographic behavior of cadmium and lead ions in aqueous solutions of acetic acid. O. I. Khotsianovskii. Ukr. khim. zhur. no. 8 1107-1110 '62

Use of "sulfarsazen" for the photometric determination of lead in fresh and mineralized waters [with summary in English]. A. I. Markova. Zhur. anal. khim 17 no. 8: 952-954 N '62.

LEAD—ISOTOPES

Cross sections of photoproton reactions on lead [with summary in English]. IU. I. Sorokin, V. G. Shevchenko, B. A. IUr'ev. Zhur. eksp. i teor. fiz. 43 no. 5:1600-1603 N '62.

LEAD—PHYSIOLOGICAL EFFECT

"Action of lead on the body and therapeutic and preventive measures" by G. I. Tarabaeva Reviewed by I. S. Koriakin. Zdrav. Kazakh. 22 no 3:75-76 '62.

LEAD INDUSTRY see subdivision under East Kazakhstan Province

LEAD ORES see subdivision under Siberian Platform; Uzbekistan

LEAD OXIDE

Investigating the system Bi_2O_3-WO_3-PbO. N. P. Smolianinov, I. N. Beltaev Zhur. neorg. khim 7 no 11 2581-2585 N '62.

LEAD OXIDE—SPECTRA

Studying the temperature dependence of the activation energy of lead oxide on the basis of diffuse reflection spectra. V. A. Izvozchikov. Fiz. tver. tela 4 no. 10: 2746-2749 O '62.

LEAD PLATING

Electrodeposition of lead from chloride baths. L. I. Filippova, G. A. Shmeleva. Izv. vys. uch. zav.; khim. i khim. tekh. 5 no. 4:624-628 '62.

Electrodeposition of zinc and lead at given high current densities G. A. Emel'ianchenko, E. IA. Batbarova Ukr. khim. zhur. 28 no 7:809-811 '62

Electrolytic separation of lead from chloride electrolytes. L. I. Filippova, V. P. Kuritsyna. Izv. vys. uch. zav.; khim. i khim. tekh. 5 no. 4:621-624 '62.

LEAD—POISONING

Cholesterol metabolism in experimental lead poisoning [with summary in English]. G. S. Konikova. Biul. eksp. biol. i med. 54 no. 11:65-67 N '62.

LEAD SULFIDES

Considerations on the structures of arsenic and lead sulfides. M Th. Le Bihan. Zhur.strukt khim. 3 no.6,718-720 '62.

High tensiometric properties of PbS. A.N Argen'eva-Geil', N.B. Dzhelepova. Fiz.tver tela 4 no 10:2714-2716 O '62

LEAD SULFIDES—ELECTRIC PROPERTIES

Change in the electric properties of PbTe and PbS under pressure. A.A. Averkin, S.Kasimov, E D Nensberg Fiz.,tver.tela 4 no.12,3667-3669 D '62

LEAD TELLURIDE—ELECTRIC PROPERTIES

Change in the electric properties of PbTe and PbS under pressure. A.A. Averkin, S.Kasimov, E D. Nensberg Fiz.tver.tela 4 no 12 3667-3669 D '62

LEAD ZIRCONATE—DIPOLE MOMENTS

Dipole structure and internal electric fields in $PbZrO_3$. V.N. Liubimov and others. Fiz.tver tela 4 no 12: 3543-3550 D '62

LEAF MINERS see subdivision under Siberia, Western

LEAF RUST OF WHEAT see subdivision under Ukraine

LEASES

Some problems relating to leases. L. Grinberg, A. Mal'ginova Sov. iust no 11:18-20 Je '62

LEATHER

Rapid method of determining leather moisture. V.L. Voitsekhovskii, N.A.Shukhnina. Nauch -issl.trudy TSNIKP no.32:28-37 '60.

Theory of the structure of collagen and some problems of leather technology. A.L.Zaides, A.N.Mikhailov. Nauch. -issl.trudy TSNIKP no.32 3-16 '60.

LEATHER—TESTING

Determining the chemical and physicomechanical indices of Russian leather. V L.Voitsekhovskii and others. Nauch.-issl trudy TSNIKP no 32:37-71 '60.

LEATHER INDUSTRY see subdivision under Mogilev

LEATHER RESEARCH

Babakina, V. G. [Use of ferments in the manufacture of leather] Primenenie fermentov v proizvodstve kozhi. Moskva, Rostekhizdat, 1962. 230 p.

LEAVES—ANATOMY

Comparative anatomical characteristics of the leaf of some Allium L. species [with summary in English] V A Gulliaev, A A Kazakova, A I Syrygina. Trudy po prikl bot., gen. i sel 34 no 2:14-21 '61

LEAVES—OPTICAL PROPERTIES

Standardized scale for determining the absorption of light by the Tien Shan spruce (Picea schrenkiana Fisch et Mey.) V S. Sokolova. Izv. AN Kazakh SSR. Ser. bot i pochv no. 3:92-96 '62.

LEAVES, SHEDDING OF see Defoliation

LEBED', DMITRII ZAKHAROVICH, 1893-1937

Popular public figure and party worker; on the 70th anniversary of D. Z. Lebed's birth O. I Matushkin, P. M Rashev. Ukr. ist zhur. 6 no. 6:134-136 N-D '62

LEBEDEV, VASILII VIACHESLAVOVICH

"Tireless worker" by A. Kibardina. Reviewed by B. D. Petrov. Zdrav. Ros. Feder. 6 no. 11,33-34 N '62

LEBEDIN (SUMY PROVINCE)—PISTON RINGS

Signal from Lebedin. V. Pavlik, Agitator no. 12 62-63 Je '62.

LEBEDINSKII, VLADIMIR KONSTANTINOVICH, 1868-1905

A historian of the first Russian electrical engineering periodical, on the 25th anniversary of V.K. Lebedinskii's death. M.I Radovskii. Elektrichestvo no. 10 85-90

No. 781, April 21, 1963

U.S.S.R.

Zoo. 27 no. 11.

LEGISLATIVE BODIES see subdivision under Germany, West

LEGUMES

(see also subdivision under Ternopol' Province)

Effect of gamma radiation on some properties of pulse crop seeds [with summary in English] I F. Kirtuk, S V Markevich. Trudy VNIIZ no 38 105-121 '60

LEGUMES—DISEASES AND PESTS

Protecting legume sprouts against pests. E. I. Petrukha. Zashch. rast. ot vred. i bol. 7 no 4 41-43 Ap '62.

Protection of pulse crops against main diseases M K Khokhriakov, A. E. Chumakov Zashch rast ot vred i bol 7 no 2 28-31 F '62

Virus diseases of pulse crops IU I Vlasov, IU. I. Shneider, N B Porembskaia Zashch rast ot vred. i bol 7 no 2 18-19 F '62

LEGUMES—DISEASES AND PESTS—BIBLIOGRAPHY

see Bibliography—Legumes—Diseases and pests

LEISHMANIASIS—CONGRESSES

Soveshchanie po leishmaniozam i moskitnoi likhoradke, Ashkhabad, 1962. [Conference on leishmaniasis and pappataci fever] Soveshchanie po leishmaniozam i moskitnoi likhoradke, g. Ashkhabad 28-30 marta 1962 g. Moskva, In-t epidemiologii i mikrobiologii im. N. F. Gamalei AMN SSSR, 1962. 118 p.
(DNLM)

LENA VALLEY—AMMONOIDEA

New species of ammonoids from the Olenek stage of the Verkhoyansk Range and Lena-Olenek interfluve IU N Popov. Trudy NIIGA 127 176-196 '62.

LENGTH MEASUREMENT

Adjustment and investigation of the one-meter and four-meter comparators A. N. Koroleva Trudy inst. Kom stand.,mer i izm prib no 47 39-48 '61.

New standard for the reproduction of the length unit N N Batarchukova Trudy inst Kom stand.,mer i izm prib no 47 5-22 '61

Precision of the measurement of temperature of standards of length in checking them with comparators. S I. Toropin. Trudy inst. Kom. stand.,mer i izm. prib. no 47 49-62 '61.

Standards of length and their comparison L. K. Kaiak Trudy inst Kom. stand.,mer i izm prib. no 47 23-38 '61

The thirty-meter interference comparator of the All-Union Research Institute of Metrology. L K Kaiak, S I Tropinin Trudy inst. Kom stand., mer i izm prib no 62-112 '61

Use of photoelectric recording of interference rings of uniform inclination in measurements of length and wavelengths. N.R. Batarchukova, IU. P. Efremov, Trudy inst. Kom. stand.,mer i izm. prib. no. 56:15-26 '61.

LENIN, VLADIMIR IL'ICH, 1870-1924

Baglikov, B. T. [Lenin's works on the nationalities problem] Leninskie proizvedeniia po natsional'nomu voprosu. Moskva, Gospolitizdat, 1962. 63 p. (Konsul'tatsii po istorii KPSS)

A conference at the Faculty of Philosophy of Leningrad University. G.N. Kushkov. Vest. LGU 17 no. 23:143-144 '62.

International significance of Lenin's cooperative plan. N. Ganin Ekon. sel'khoz. 33 no. 11 28-37 N '62.

Kostenko, A. I. [Wreath of glory for Lenin] Leninu vinok slavy [Kyiv, Derzhlitvydav, 1960] 222 p. (MH)

Kukushkin, IU. S. [V. I Lenin as Chairman of the Workers' and Peasants' Defense Council, 1918-1920] V. I. Lenin predsedatel' Soveta Rabochoi i Krest'ianskoi Oborony, 1918-1920 gg. Moskva, Izd-vo "Znanie," 1962. 31 p. (Novoe v zhizni, nauke, tekhnike. I Seriia: Istoriia, no 23)

Lenin, V. I. [Complete works] Polnoe sobranie sochinenii. Izd. 5. Moskva, Gos. izd-vo polit. lit-ry,
Vol. 28. [Notebooks on imperialism] Tetradi po imperializmu. 1962. 838 p.

was concerned about this... A. Gak, I. Smirnov. Ino no. 11:4-14 N '62.

va, R I. [V. I. Lenin's work "Current objectives of Soviet government"] O proizvedenii V. I. Lenina "Ocherednye zadachi Sovetskoi vlasti." Moskva, Gospolitizdat, 1962 70 p (Konsul'tatsii po istorii KPSS)

w preserves the memory of Lenin. F.D. Pukhanov. khoz. Mosk. 36 no. 10:10-12 O '62.

teetings with V. I. Lenin. A. L Vainshtein. Nauka i zhizn' 29 no. 10.71-72 O '62

-enin and literary criticism." Reviewed by atonov. Vop. lit. 6 no. 10:188-192 O '62.

enin as the organizer of the Union of the Soviet list Republics. B. L. Manelis. Sov. gos. i pravo o. 12:13-25 D '62.

enin's fight against the opportunism of the hevika and for the defense of the idea of the utionary-democratic dictatorship of the proletariat easantry V. A. Zenin. Trudy Kuib. av. inst. :15-36 '60

LENIN, VLADIMIR IL'ICH, 1870-1924—DRAMA

For the first time. Teatr 23 no.11:37-47 N '62.

LENIN PRIZES

Lenin Prizes granted in 1962 for works on mathematics Usp. mat. nauk 17 no. 3:214 My-Je '62.

A new detachment of prize-winners B. Kolkotov Agitator no. 11:44-46 Je '62

Our laureates; Lenin Prize awarded in 1962 for research in radiogeology. G.D. Afanas'ev. Izv. AN SSSR. Ser. geol. 27 no. 11 110-111 N '62.

[Soviet composers, recipients of Lenin Prizes] Sovetskie kompozitory - laureaty Leninskoi premii. Leningrad, Muzgiz, 1961 136 p

Works of true life. I Vasil'ev. Agitator no 11:60 62 Je '62

LENINAKAN—KNIT GOODS INDUSTRY

Tricot underwear and hosiery. Prom. Arm. 5 no. 11-38 N '62.

LENINGRAD—APARTMENT HOUSES

Assembly of apartment houses without cranes. G. Serostanov. Stroi. i arkhit 10 no. 11:22-23 N '62

Organization of work at large-panel housing construction enterprises. E. Tesler. Bud. mat. i konstr. 4 no. 6-11-15 N-D '62.

LENINGRAD—AUXILIARY POLICE

Our achievements and shortcomings. P. Smirnov. Sov. iust. no 10:19-21 My '62

Voluntary policemen of Leningrad University maintain law and order. S Kotovol. Sov. iust. no 12:24-25 Je '62

LENINGRAD—BALLET

Image-bearing power of the dance. B. L'vov-Anokhin. Ogonek 40 no. 40:22-23 S '62.

LENINGRAD—CITY PLANNING

Complex of buildings of the science institutes on Moskovskii Highway Stroi i arkhit. Len 24 no 11 30-31 N '62.

Planning and building in Moscow District V. P. Gron[illegible], V. K Sveshnikov Stroi. i arkhit. Len 24 no 11.5 10 N '62

The Sixth Studio is drawing plans. S B Speranskii Stroi. i arkhit Len 24 no. 11.11-13 N '62

LENINGRAD—CONSERVATORIES OF MUSIC

Leningrad. Gosudarstvennaia konservatoriia. [The Leningrad Conservatory in reminiscences, 1862-1962] Leningradskaia konservatoriia v vospominaniiakh, 1862-1962. Leningrad, Muzgiz, 1962. 414 p.

New appeal. V. Bogdanov-Berezovskii. Sov. muz. 26 no. 10 106-109 O '62

LENINGRAD—CONSTRUCTION INDUSTRY

In the Executive Committee of the Leningrad Soviet Stroi i arkhit Len. 24 no. 11 32 N '62.

The Kuznetsov Combine on new frontiers B N. Bernshtam, N. L Rybachek. Stroi. i arkhit Len 24 no 11 26-27 N '62

Make new developments and progressive practices available to the construction industry V. P Prokofiev Stroi i arkhit. Len 24 no 11 3-4 N '62

Speed and quality. A. Domidkin. Na stroi. Len. 3 no. 8 2-3 Ag '62

Tkachev's brigade is building O. V. Kalinin Stroi i arkhit. Len 24 no. 11:28-29 N '62.

Two frames simultaneously. S. Tkachev Na stroi Ros 3 no 8:3-4 Ag '62.

LENINGRAD—CONSTRUCTION INDUSTRY—ACCOUNTING

Kublanov, A. V. [Business accounting of a construction crew] Khozraschet v stroitel'noi brigade; iz opyta raboty kompleksnoi brigady I. IA. Tumanova. Trest No. 44, SU-84 LSNKh. Leningrad, 1962. 33 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia: Stroitel'naia promyshlennost', no. 15)

LENINGRAD—EMPLOYERS' LIABILITY

How the managers of the Kirov Plant examine their workers' requests to compensate them for work injuries T. Fadeeva Sov. iust. no. 10:9 My '62.

LENINGRAD—GUIDEBOOKS

[Leningrad; tourist's companion] Leningrad; sputnik turista. Ukazatel' k karte. [Leningrad] Lenizdat, 1962. 103 p. fold. map.

LENINGRAD—HOTELS, TAVERNS, ETC.

Hotel "Rossiia." V. D. Kirkhogiani. Stroi i arkhit. Len 24 no 11:20-24 N '62.

LENINGRAD—IONOSPHERIC RESEARCH

Akademiia nauk SSSR. Institut zemnogo magnetizma, ionosfery i rasprostraneniia radiovoln. Leningrad, Moskva. (Its:Materialy ionosfernykh issledovanii)
Sept.-Oct. 1959. 1962. 83 p.
Nov.-Dec. 1959. 1962. 59 p.
[MICROFILM]

LENINGRAD—MACHINERY INDUSTRY
Blacksmith and innovator. A. Pivovarov, V. Osipov. Mashinostroitel' no. 11 3 N '62.
Each machine should work two shifts. S. Forisenkov. Agitator no. 12:33-36 Je '62.
Schools of communist labor. Mashinostroitel' no. 11-2 N '62.

LENINGRAD—MOTOR VEHICLES—INSPECTION
Guttsait, R. M., and V. M. Potukhov. [Work of the committee of voluntary motor-vehicle inspection] Rabota komitetov obshchestvennogo kontrolia za tekhnicheskim sostoianiem avtomobilei; iz opyta raboty avtokhoziaistv Leningradskogo upravlenila avtomobil'nogo transporta Moskva, Avtotransizdat, 1962. 45 p

LENINGRAD—MOTORBUS LINES
Motorbus transportation in Leningrad. N. Grozmani, R. Guttsait. Avt. transp. 40 no. 11:11-12 N '62.

LENINGRAD—MOTORBUS LINES—EMPLOYEES
For an excellent servicing of passengers. V. Merzlova. Avt. transp. 40 no. 11 8 N '62.

LENINGRAD—MOTORBUSES—MAINTENANCE AND REPAIR
Organizing the repair of motorbuses between the shifts of drivers. V. Polozun, D. Gurevich. Avt. transp. 40 no. 11:24 N '62.

LENINGRAD—PARK DISTRICTS
Park areas in the district. V. N. Golubev Stroi i arkhit. Len. 24 no. 11 14-17 N '62.

LENINGRAD—SHIPYARDS
Fiftieth anniversary of the A. A. Zhdanov plant Sudostroenie 28 no. 11:61-63 N '62.

LENINGRAD—SOAP INDUSTRY—EQUIPMENT AND SUPPLIES
Impulse type controller. V. P. Olenko, D. G. Solovtsev, V. N. Pokrovskii. Masl.-zhir. prom. 28 no. 11:40-42 N '62.

LENINGRAD—ST. ISAAC'S CATHEDRAL
Rotach, A. L. [St. Isaac's Cathedral; an outstanding monument of Russian architecture] Isaakievskii sobor vydaiushchiisia pamiatnik russkoi literatury. Pod red. V. I. Pilavskogo. Leningrad, Ob-vo po rasspr. polit. i nauchn. znanii RSFSR, 1962. 55 p. illus.

LENINGRAD—STOMATOLOGY—EQUIPMENT AND SUPPLIES
Status of and prospects for the development of the production of stomatological materials at the Leningrad factory. A. N. Zhagot. Med. prom. 16 no. 6:16-20 Je '62.

LENINGRAD—STUDENTS
Voluntary policemen of Leningrad University maintain law and order. S. Kotovol. Sov. iust. no. 12:24-25 Je '62.

LENINGRAD—TAXICABS
Always ahead. G. Mikhailov. Avt. transp. 40 no. 12:8 D '62.

LENINGRAD—TECHNOLOGICAL INNOVATIONS
Best works of machine designers in Leningrad. V. A. Blumberg. Mashinostroitel' no. 11:45 N '62.

LENINGRAD—THEATER
"Good man from Sezuan." B. Zingerman. Teatr 23 no. 11:107-110 N '62.

LENINGRAD—TOOL AND DIE INDUSTRY
Avorin, I. V., and N. N. Kabanov. [Friction welding in the manufacture of tools; from practices of the Sestroretsk Tool Manufacturing Plant named after Voskov] Svarka trenlem v instrumental'nom proizvodstve; iz opyta Sestroretskogo instrumental'nogo zavoda imeni Voskova. Moskva, Mashgiz, 1962. 72 p.

LENINGRAD—TRADE UNIONS—OFFICERS
But there is not enough knowledge.... V. Sosiura. Sov. profsoiuzy 18 no. 22:13-14 N '62.

LENINGRAD—TRANSPORTATION
The transportation system is extended. M. A. Pilr Stroi. i arkhit. Len. 24 no. 11:10-16 N '62.

LENINGRAD—TRANSPORTATION, AUTOMOTIVE
Operation of a consolidated automotive transportation unit of the Leningrad Economic Council. Z. Ginzburg. Avt. transp. 40 no. 11 31-32 N '62.

LENINGRAD—WAGES—CLOTHING INDUSTRY
Krasnoshchekov, M. M., and A. P. Sorokin. [Some results of the operations of the Clothing Industry Administration of the Executive Committee of Leningrad City under the new wage system] Nekotorye itogi raboty predpriiatii Upravlenila shveinoi promyshlennosti Lengorispolkoma v novykh tarifnykh usloviiakh. Leningrad, 1962. 31 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Serila: Shveinaia promyshlennost')

LENINGRAD—WORKS COUNCILS
Accounting balance and works councils. A. Boronnikov. Bukhg. uchet 10 no. 11:48-50 N '62.

LENINGRAD ECONOMIC REGION—PRECAST CONCRETE CONSTRUCTION
Factory frames on the production line L. Levinskii. Na stroi Ros. 3 no. 8 26-27 Ag '62.

LENINGRAD ECONOMIC REGION—TECHNOLOGICAL INNOVATIONS
Mechanization and automation of production processes in the Leningrad Economic Region. A. K. Antonov. Mekh. i avtom. proizv. 16 no. 11 5-12 N '62.

LENINGRAD PROVINCE—SOIL—MICRO-ORGANISMS
Studying soil microbe patterns of Leningrad Province [with summary in English]. T. V. Aristovskaia, O. M. Parinkina Mikrobiologiia 31 no. 3 385-390 My-Je '62

LENINGRAD PROVINCE—SPRAYING AND DUSTING EQUIPMENT
APG-1 aerosol generator. I. M. Zagorskii, S. P. Kuchin Les khoz 15 no. 7:59-60 Jl '62

LENINGRAD PROVINCE—TRAFFIC SAFETY
Without damages, without accidents. V. Sorokin. Avt. transp. 40 no. 12,40-41 D '62.

LENINGRAD PROVINCE—TRANSPORTATION, AUTOMOTIVE
On account of 1966. A. Shchelokov. Avt. transp. 40 no. 11 5-6 N '62.
Proper conditions for the growth of productivity. F. Krasnov. Avt. transp. 40 no. 11:6 N '62.
Put innovations into practice. A. Ivanov. Avt. transp. 40 no. 11:3-4 N '62.
Sense of cooperation. K. Bellakov. Avt. transp. 40 no. 11:7 N '62.

LENINO DISTRICT—AGRICULTURAL WORKERS
Vol'fson, Mikhail. [People of a single district] Liudi odnogo raiona; ocherki. Simferopol', Krymizdat, 1962. 54 p. (Nash sovremennik)

LEPIDOPTERA see subdivision under Abkhazia

LEPTOSPIROSIS
Prophylaxis and treatment using immune blood in leptospirosis of farm animals [in Armenian with summary in Russian]. L. S. Pogosian. Izv. Glav. upr. sel'khoz. nauk i podgot. kad. Arm. SSR 5 no. 4:97-103 '62.

LESGAFT, PETR FRANTSEVICH, 1837-1909
Petr Frantsevich Lesgaft; on the 125th anniversary of his birth. I. A. Kriachko. Klin. med. no. 9:3-9 '62.

LESOGORSK—CIVIC IMPROVEMENT
New developments in Lesogorsk. V. Shmelev. Sov. deput. trud. no. 12:75 D '62.

LEUCOCRYSTAL VIOLET
Recoverable actinometric solution on the basis of leucocrystal violet. G. A. Mikhal'chenko, I. K. Karpov. Opt. i spektr. 13 no. 5, 690-693 N '62.

LEUCOCYTES
Characteristics of the leucocytes in children of the Murmansk Artic Region [with summary in English]. S. M. Gershkovich, M. P. Nemzer. Pediatriia no. 7 36-40 '62.
Leucocytic reaction as a prognostic index of the effectiveness of autohemotherapy [with summary in English]. A. A. Shtein, T. I. Poliashova. Vrach. delo no 12:79-81 D '62.
Luminescence detection of lipids in blood leucocytes in radiation sickness. N. K. Sviridov. Lab. delo 8 no. 5:15-16 My '62.
Physiological mechanisms of immunity to tuberculosis. Report No. 1: The effect of antituberculosis vaccination on leucocytic reactions provoked by the parenteral administration of milk [with summary in English]. E. L. Kan. Biul. eksp. biol. i med. 54 no. 11, 80-83 N '62.

LEUKEMIA
Cardiac changes in leukemias [with summary in English]. G. V. Osechenskaia, I. B. Gurevich, M. P. Khokhlova. Terap. arkh. no. 8:71-78 '62.
Clinical use of aurantin on malignant neoplasms [with summary in English]. S. S. Akop'iants. Antibiotiki 7 no. 9:832-836 S '62.
Hematological changes in children with acute leukemias during present-day methods of treatment. L. A. Makhonova. Probl. gemat. i perel. krovi no. 9:38-41 '62.
Successful X-ray therapy of torpid parapareslis of the legs in chronic lymphatic leukemia. S. B. Geiro, G. B. Berliner, L. F. Sinenko. Klin. med. no. 9:143-146 '62.

LEVEL (SURVEYING INSTRUMENT)—TESTING
Study of the NB-4 level. I. N. Meshcheraskii, I. I. Entin. Geod. i kart. no. 4:32-34 Ap '62.

LEVEL (TOOL)—TESTING
Examiner with an optical indicator. A. P. Shokhtin. Izm. tekh. no. 12:8 D '62.

LEVEL INDICATORS
Gorbovets, M. N. [Automatic devices for recording the level of loose materials in containers] Avtomaticheskie ustroistva dlia registratsii urovnia sypuchikh materialov v emkostiakh. Moskva, Mashgiz, 1962. 102 p.
Ultrasonic level indicator for loose materials. V. A. Markelov. Priborostroenie no. 11 12-14 N '62.

LEVELING
Analysis of the accuracy of trigonometric leveling in 2d and 3d class triangulation nets. N. A. Koreshkov. Geod i kart. no. 11:11-13 N '62.

LEVITIN, ANATOLII PAVLOVICH, 1922-
Danchich, A. V. [Anatolii Pavlovich Levitin; an album of his works] Anatolii Pavlovich Levitin, al'bom proizvedenii. Leningrad, Khudozhnik RSFSR, 1961. 22 p. 24 plates.
(MH)

LEVOMYCETIN
Effect of pentoxyl and levomycetin and their combinations on agglutinin formation in experimental immunization with typhoid vaccine [with summary in English]. B. IU. Kalinin Antibiotiki 7 no. 9:790-794 S '62.

LEVYTS'KYI, IVAN, 1037-1918
"Works of I. S. Nechui-Levyts'kyi" by N. IE. Krutikova. Reviewed by M. IE Syvachenko. Rad. lit 6 no. 6 139-145 N-D '62.

LIABILITY INSURANCE see Insurance, Liability

LIBERTY OF THE PRESS see subdivision under France

LIBRARIES
For a beautiful interior. A. Petrauskas. Bibliotekar' no. 12:43-45 D '62.
In a few lines. Bibliotekar' no. 12:59 D '62.
Letters to the editor. Bibliotekar' no. 12 54-56 D '62.

LIBRARIES—SPECIAL COLLECTIONS
Sokolov, P. V. [Collections of exchange and reserve materials in libraries and their use] Obmenno-rezervnye fondy bibliotek i ikh ispol'zovanie. Leningrad, Akad. nauk SSSR. Biblioteka, 1962. 104 p.

LIBRARIES, CHILDREN'S
Believe in science, not in the legends about God. A. Kolobkova, A. Borovkova, N Markova. Bibliotekar' no. 12:34-35 D '62.

LIBRARIES AND READERS
(see also subdivision under Chirchik)
Her friends. A. Kalashnikov, I. Rotzman. Bibliotekar' no. 12 27-28 D '62.
New developments in readers' registration renewal. S. Evstigneeva, V. Petrovskii. Bibliotekar' no. 12 51-52 D '62.
"Promoting the decisions and materials of the 22d Congress of the CPSU." Reviewed by R. Lebedeva. Bibliotekar' no. 12:53 D '62.
Province library to the industrial enterprises. E. Taubina. Bibliotekar' no. 12:9-11 D '62.

LIBRARY EXHIBITS
Public examination of literature. A. Golub. Bibliotekar' no. 12:12-13 D '62.

LIBRARY SCIENCE—BIBLIOGRAPHY see Bibliography—Library science

LIBYA—DESCRIPTION AND TRAVEL
Along the roads of the Maghreb. Sergei L'vov. Nov. vrem 20 no. 52 28-31 D '62

LIBYA—ECONOMIC CONDITIONS
The task is to strengthen independence. A. Shvakov. Az. i Afr. seg. no. 12:12 D '62.

LICORICE see subdivision under Syr Darya Valley

LIDICE
In Lidice roses are blooming again. Anna Tuckova. Zhen. mira no. 8:30-31 '62.

LIDICE, CZECHOSLOVAKIA—WORLD WAR, 1939-1945—ATROCITIES
In Lidice roses are blooming again. Anna Tuckova. Zhen. mira no. 8:30-31 '62.

LIE ALGEBRAS
Construction of irreducible representations of simple algebraic groups over a finite field. I. M. Gel'fand, M. I. Graev. Dokl. AN SSSR 147 no. 3:529-532 N '62.

LIFE
What is the meaning of life. L. Sytenko. Volov. ateist 3 no. 12:30-33 D '62.

LIFE—ORIGIN
The origin of life. A. Oparin. Volov. ateist no. 6:5-11 Je '62.

LIFE ON OTHER PLANETS
Possibility of life beyond the earth and methods of its detection [with summary in English]. A. A. Imshenetskii. Probl. kosm. biol. 1:137-144 '62.

LIFE SAVING
Moral and physical factors in life saving at sea. E. Zhukov. Mor. flot 22 no. 11:18-19 N '62.

LIFEBOATS
New requirements of lifeboats. K. Kozlov. Mor. flot 22 no. 12:30-32 D '62.

LIFTS see Hoisting machinery

LIGHT—PHYSIOLOGICAL EFFECT

Effect of chloral hydrate on electric responses in corpora quadrigemina and the cortex of the brain of a rabbit during rhythmical light stimulation [with summary in English]. A G Kopylov. Vest LGU 17 no 21 143-148 '62.

Skin sensitivity in subjects working in absolute darkness and in light [with summary in English]. V P. Kamchatnov. Zhur. vys. nerv. deiat 12 no. 1 37-39 Ja-F '62

LIGHT—REFRACTION

Light dispersion in the region of exciton absorption in ionic crystals containing microdefects IU. P. Krasnyi Fiz. tver. tela 4 no 12;3512-3521 D '62

LIGHT—SCATTERING

Broadening of the lines of anisotropic scattering and the structure of alcohols [with summary in English]. I A. Chernyavskaia. Ukr. fiz. zhur. 7 no. 7 768-771 Jl '62.

Experimental investigation of light-scattering phenomena in laminar and turbulent fluid flows. V. V Struminskii, V. M Filippov Izv AN SSSR. Otd. tekh nauk. Mekh i mashinostr. no 6 10-16 N-D '62.

Light scattering and viscosity of polyparachlorostyrene solutions in butanone [with summary in English] Siui Mao [Hsu Mao], E V Frisman Vysokom soed 4 no 12 1839-1843 D '62

Light scattering by solutions of polymer mixtures [with summary in English] V N Kuleznev, V. M Andreeva Vysokom soed. 4 no. 12 1851-1857 D '62

Light scattering in solutions and its relation to diffusion and the absorption of ultrasound [with summary in English]. L I. Lisnianskii, M. G Vuks Ukr. fiz. zhur. 7 no. 7 778-781 Jl '62.

A new determination of the light scattering constant using benzene. M. F. Vuks, N. B. Rozhdestvenskaia. Dokl. AN SSSR 147 no. 3;573-575 N '62.

On the theory of Rayleigh scattering of light and the distribution of molecule orientation in liquids [with summary in English] M. I Shakhparonov. Ukr. fiz. zhur. 7 no 7;782-786 Jl '62.

On the theory of Rayleigh scattering of light by fluids [with summary in English]. L. I. Komarov, I. Z Fisher. Zhur. eksp. i teor fiz. 43 no. 5 1927-1933 N '62.

Relation between the concentration scattering of light and the parameters characterizing the microstructure of a solution. N. P Roshchina, A. V Kramarenko Ukr. fiz zhur. 7 no. 9 1024-1027 S '62.

Scattering of light in carbonic acid and its relation to the equation of state [with summary in English]. IU D. Kolpakov, V. P. Skripov, E. N. Gorbunova Ukr. fiz. zhur. 7 no. 7 787-792 Jl '62.

Some results of studies of Rayleigh scattering of light in the critical region of stratification of solutions [with summary in English]. D K. Beridze, M. I. Shakhparonov. Ukr. fiz zhur. 7 no. 7, 771-778 Jl '62.

Theory of electrooptical phenomena in the critical region [with summary in English]. V. A. Zamkov. Ukr. fiz. zhur. 7 no. 7, 720-723 Jl '62

Use of the method of light scattering in studying fluctuations in certain nonelectrolyte solutions [with summary in English]. G. P. Roshchina, E. D. Ishchenko. Ukr. fiz. zhur. 7 no. 7 751-760 Jl '62.

LIGHT—SPEED

Determining the velocity of light in physics classwork. IA. A. Kraftmakher Izv. vys ucheb zav. fiz. no 5; 65-70 '62.

LIGHT—STUDY AND TEACHING

Studying the quantum nature of light. V. Z. Kresin, B. A. Tavger Fiz v shkole 22 no. 5;105-107 S-O '62.

LIGHT QUANTUM see Photons

[vision under Omsk)

[Measurement of light in lighting engineering] Svetovye izmereniia v svetotekhnike. Izd. 2., perer. Moskva, Gosenergoizd, 3 p.

[MICROFILM]

IHT CONCRETE

made from ashes of the Novosibirsk Thermal Plant No 3 and lightweight concretes made I. A Ivanov Sbor trud. VNIINSM no 6 56-

made from coal enrichment wastes of the Concentration Plant of the Tkibuli mines. meriki Sbor trud. VNIINSM no 6;92-101

made from peat slags of the Leningrad tric Power Station No 5. L. E. Protas. I VNIINSM no. 6;84-91 '62.

stroitel'stva i arkhitektury SSSR. Institut ii, mekhanizatsii i tekhnicheskoi pomoshchi vu. [Prestressed two-layer floors of attic edvaritel'no napriazhennye dvukhsloinye erdachnykh perekrytii; opyt Kombinata zhelezokonstruktsii No. 2. Glavmospromstroimateoskva, Gosstroiizdat, 1960. 43 p.

Arakelian, A. A. [Lightweight concretes for large wall blocks made with tuff and pumice aggregates] Legkie betony dlia krupnykh stenovykh blokov na tufovykh i pemzovykh zapolniteliakh. Erevan, Armianskoe gos. izd-vo, 1962. 139 p.

Causes of the non-uniform weight of types of cellular concrete. B. A. Novikov. Stroi. mat. 8 no. 11 36-38 N '62.

Effectiveness of using agloporite IA. Sh Shtein Sbor trud VNIINSM no 6 188-190 '62

Gravel-shaped agloporite of ashes from the Krasnogorsk and Argayash thermal electric plants and lightweight concretes made from it D G Khokhlov and others Sbor trud VNIINSM no 6 25-37 '62.

Improve and expand the production of lightweight concretes. Bet. i zhel.-bet. 8 no. 9 389 S '62.

Industrial mastering of the production of agloporite in Electrostal' M P Elinzon, S. G Vasil'kov, IA S Shtein Sbor trud VNIINSM no. 6 110-135 '62.

Large-panel apartment houses with perlite concrete slabs for the exterior walls. N. V. Morozov, M. V. Stizhevskii. Bet. i zhel.-bet. 8 no. 9 408-410 S '62.

Lightweight concrete made of agloporite from rock from the mines of the Donets Basin G A. Frank Sbor trud VNIINSM no 6 102-109 '62.

Obtaining agloporite from raw material from the Urals and making lightweight concrete of it. M F Chebukov, I F. Koriakov Sbor trud VNIINSM no 6, 38-55 '62

Obtaining agloporite with fixed properties from ashes of bituminous coal from the Kuznetsk Basin M. V. Balakhnin Sbor trud. VNIINSM no. 6, 68-83 '62

Partial replacement of the cement in concrete and reinforced concrete elements with fly ash from burning brown coal at the Aleksandrovska, n Thermal Electric Plant. O. Kuzlakina, S. Glazkova. Bud. mat. i konstr. 1 no. 8;30-33 N-D '62.

The problem of taking into account the plastic properties of concrete in designing hingeless arches. E A Sarkisian. Trudy GPI [Gruz.] no. 6;103-109 '61.

Properties of agloporites and concretes made with them. IA. Sh Shtein, V. P. Starostina. Sbor. trud. VNIINSM no. 6 181-187 '62.

Raising the quality and the effectiveness of lightweight concretes. N. A. Popov, M. P. Elinzon. Bet. i zhel.-bet. 8 no. 9 380-383 S '62.

The strength and durability of cellular concretes. A. T. Baranov, K. I. Bakhtiarov, O. D. Bobrov. Bet. i zhel.-bet. 8 no. 9, 397-402 S '62.

Study of the strength and rigidity of bearing wall slabs made of perlite concrete. M. T. Sedakova. Bet. i zhel.-bet. 8 no. 9 402-408 S '62.

LIGHTWEIGHT CONCRETE—TESTING

Diatomite concrete based on perlite "sand" for wall slabs. IU. Natsiievskyi. Bud. mat. i konstr. 4 no. 6;33-35 N-D '62.

Foamed slag concrete for reinforced elements. S. D. Lavrent'ev, IU. N. Posiada. Bet. i zhel.-bet. 8 no. 9 411-414 S '62.

Poisson's ratio for pumice concrete and reinforced pumice concrete. O. P. Kvirikadze. Trudy GPI [Gruz.] no. 5;59-64 '61.

Properties and use of agloporite concrete. M. M. Izraelit, S. M. Itskovich Sbor. trud VNIINSM no 6 188-190 '62.

Testing a reinforced keramzit-concrete truss. R. P. Riabov. Prom. stroi. 40 no. 12;53-55 '62.

Testing pumice concrete and reinforced pumice concrete for endurance. M. V. Kandelaki. Trudy GPI [Gruz.] no. 5;41-46 '61.

Thermal treatment of slag - fly-ash concrete and foamed slag - fly-ash concrete slabs. V. Shumakov, M. Larionov. Stroi. i arkhit. 10 no. 11;31-33 N '62.

LIGNILITES see Stylolites

LIGNIN

Determination of molecular weights and carbonyl groups of cotton lignins. N. N. Shorygina, Kh. R. Nianzov. Izv. AN SSSR, Otd. khim. nauk no. 11;2094-2095 N '62.

Hydrolysis of cellulose lignin by concentrated hydrochloric acid in a pilot diffusion battery. N. V. Chalov and others. Izv. vys. ucheb. zav., les. zhur. 4 no. 5. 137-146 '61.

Internal surface and capillarity of lignin determined by isotherms of benzene vapor sorption [with summary in English]. P. Odintsov, P. Erina. Izv. AN Latv. SSR no. 2;103-110 '61.

Mechanical dehydration of hydrolysis lignin. M. IA. Zarubin, D. V. Tishchenko. Izv. vys. ucheb. zav.; les. zhur. 4 no. 5, 158-159 '61.

LILIES OF THE VALLEY

Convallatoxoloside, a new cardioglycoside from the seeds of Lilies-of-the-valley (Convallaria majalis L.). N. F. Komissarenko. Dokl. AN SSSR 147 no. 3;625-627 N '62.

LIMA BARRETO, ALFONSO HENRIQUE de, 1881-1922

The 40th anniversary of Lima Barreto's death. Zh. A. Bazarian. Vop. ist. no. 11;214-217 N '62.

LIMESTONE see subdivision under Apsheron Peninsula; Daghestan; Kyzyl Kum

LIMESTONE AS FEED

Studying the grinding process of limestone as a component of mixed feeds. M N Zagrevskii Trudy VNIIF no 39, 121-134 '60.

LIMING OF SOILS

Applying lime to grassland-flax crop rotations A. M Kostiuchenko, L. I Petrova. Trudy VNIIL no 4 119-128 '55

Effect of boron fertilizers and liming on the yield of forage lupine. V. O. Chernyshenko. Vlianie mineral'nykh udobrenii i nauky 5 no. 10, 63-66 O '62.

LIMNOLOGY see subdivision under Bol'shaya Gudyr'ya, Lake

LINDEN see subdivision under Gomel' region

LINEAR DIFFERENTIAL EQUATIONS see Differential equations, Linear

LINEAR PROGRAMMING

Determining the specialization of piers by means of linear programming. V Ananina Mor flot '62 no 11 7-9 N '62

Equivalence of different formulations of the transportation problem. I. V. Romanovskii. Dop. in-t matem. 17 no. 3, 193-195 My-Je '62.

Selection of ships by linear programming for transport to destinations abroad V. Sukhotskii, I. Timofeev Mor flot 22 no 9 15-17 S '62

LINKS AND LINK MOTION

Designing two-beam four-bar linkages according to a given transmission angle. V. T. Shchennov Izv. vuzov, ucheb. zav., mashinostr. no 8-37-43 '62

LINOLEUM

Welding linoleum by high-frequency current R Popova Stroi i arkhit. Mosk. 11 no. 10-31-32 O '62

LIPASE

Effect of Co^{60} gamma rays on the activity of the enzyme lipase and the characteristics of the germination of corn [with summary in English]. A. D Chmyrev. Izv. VNIIZ no. 30 97-101 '60.

LIPETSK PROVINCE—BIOLOGY—STUDY AND TEACHING

Biology lessons in the Lipetsk Province schools. Iu. K. N. Sokolov. Biol. v shkole no. 4 17-19 Jl-Ag '62.

LIPETSK PROVINCE—CLOTHING INDUSTRY

Shortcomings should be eliminated. V Burmistrova. Sov. potreb. koop. 6 no. 9;37-38 S '62.

LIPETSK PROVINCE—FUNGI, PHYTOPATHOGENIC

Vascular disease of oak I. I. Minkevich Les khoz no 10, 48 O '62

LIPETSK PROVINCE—OAK—DISEASES AND PESTS

Vascular disease of oak. I. I. Minkevich Les khoz no 10 48 O '62

LIPID METABOLISM

Effect of a disturbance of the nutrition of the rat on indices of lipoid metabolism [with summary in English]. N. L. Popova, M. E. Ashesova. Vop. pit. 21 no. 4 20-25 Jl-Ag '62.

Function of the thyroid gland in relation to the state of lipid metabolism in the dioncephalic syndrome. I. F Ganelina, I. N. Komarova, IA. M. Kirnovskii. Kli no. 9;129-136 '62.

LIPIDS

Luminescence detection of lipids in blood for diagnosis of radiation sickness N. K. Sviridov. Lab. delo 8 no. 5 15-16 My '62.

Protein and lipid composition of the blood serum of full-born infants [with summary in English]. G. V. Berezneva. Pediatriia no. 7;47-49 '62.

LIPOLYSIS

Characteristics of the lipolytic activity of fatty tissue [with summary in English]. N. K. Davtian. Biul. eksp. biol. i med. 54 no. 11;63-64 N '62.

LIPOPROTEINS

Electrophoretic study of serum lipoproteins in coronary insufficiency. N V. Demidova. Terap. arkh. 34 no. 4 53 '62.

LIQUEFIED PETROLEUM GAS

(see also subdivision under Ryazan Province)

[illegible] gas; a catalog-handbook] Ukazaniia po vybory, ekspluatatsii, oborudovaniiu, armaturu i kip dlia szhizhennogo gaza; katalog-spravochnik. Moskva, Gostoptekhizdat, 1962. 161 p.

Procedure for putting individual gas units into operation V. M. Astaf'ev and others. Stroi. truboprov 7 no. 11 27 N '62.

"This is good!" livestock breeders say. V. Petrov. Zhiv.-kom. khoz. 12 no. 6;10-11 Je '62.

LIQUID CRYSTALS

Some characteristics of liquid crystal textures of the cholesteric and nematic types I. G. Chistiakov Kristallografiia 7 no 5 764-767 S-O '62

LIQUID LEVEL INDICATORS

Oil level control in type VMD 35 kv oil-filled switches. I. F. Soroka Energetik 10 no 10 24-25 O '62

Principles governing the design of endovibratory level indicators L. G. Palevich. Priborostroenie no 11 6-8 N '62.

UDU - 5 level indicator. A. Fainberg. Neftianik 7 no 5:26 My '62.

Water level self-recording apparatus A. G. Treatman Meteor. i gidrol no 12 38-39 D '62

LIQUID METALS

Effect of the rate of cyclic deformation on the fatigue strength of steels of fusible liquid metals. M. I. Chaevskii. Nauch. zap. IMA AN URSR. Ser. mashinoved. 9:30-33 '62.

Effect of transverse magnetic field on the internal structure and hydraulic resistance of liquid metals in turbulent flows [with summary in English]. G. Branover, O. Lielausis. Izv. AN Latv SSR no 1:59-66 '61.

Possibility of the use of liquid metals as lubricants. A. N. Tynnyi, M. I. Chaevskii, V. A. Teterskii. Nauch. zap. IMA AN URSR. Ser. mashinoved. 9:41-46 '62.

Some generalizing conclusions about the effect of liquid metals on the strength and plasticity of metals. M. I. Chaevskii. Nauch. zap. IMA AN URSR. Ser. mashinoved. 9:22-29 '62.

Some principles of the theory of the effect of liquid metals on mechanical properties of solid (construction metals. G. V. Karpenko. Nauch. zap. IMA AN URSR. Ser. mashinoved. 9:5-10 '62.

Thermodynamic conditions of aluminum nitride formation in liquid iron. V. I. Isaev, A. N. Morozov. Izv. vys. ucheb. zav., chern. met. 5 no. 11:57-60 '62.

Use of liquid metals in various branches of industry. M. I. Chaevskii. Nauch. zap. IMA AN URSR. Ser. mashinoved. 9:11-21 '62.

LIQUID METALS—MAGNETIC PROPERTIES

Magnetic susceptibility of certain liquid alloys depending on carbon concentration. E. L. Dubinin, O. A. Ilsin, N. A. Vatolin. Fiz. met. i metalloved. 14 no. 2:288-293 Ag '62.

LIQUID METALS—TESTING

Effect of small additions of iron on the viscosity and electrical resistance of liquid aluminum. L. A. Koledov, A. P. Lubimov. Izv. vys. ucheb. zav., chern. met. 5 no. 11:140-145 '62.

LIQUID METALS—THERMAL PROPERTIES

Gruzin, V. G. [Temperature conditions in steel casting] Temperaturnyi rezhim lit'ia stali. Moskva, Metallurgizdat, 1962. 350 p.

LIQUID METALS—TRANSPORTATION

Optimum geometric relationships in molten metal induction pumps. L. G. Savvin, N. M. Okhremenko. Elektrichestvo no. 12 82-84 D '62.

LIQUIDS

On the statistical theory of condensed systems [with summary in English]. L. A. Rott. Ukr. fiz. zhur. 7 no. 7:686-692 Jl '62.

On the theory of Rayleigh scattering of light and the distribution of molecule orientation in liquids [with summary in English]. M. I. Shakhparonov. Ukr. fiz. zhur. 7 no. 7:782-786 Jl '62.

Present stage and problems of the physics of liquids. A. Z. Golik. Ukr. fiz. zhur. 7 no. 7:685-686 Jl '62.

Relation between the velocity of sound and the parameters of a liquid. N. F. Otpushchennikov. Izv. vys. ucheb. zav., fiz. no. 5:133-139 '62.

Reorientation of molecules in liquids and comparison of the relaxation times [with summary in English]. A. K. Atakhodzhaev, M. F. Vuks. Ukr. fiz. zhur. 7 no. 7: 782-786 Jl '62.

Use of the method of light scattering in studying fluctuations in certain nonelectrolyte solutions [with summary in English]. G. P. Roshchina, E. D. Ishchenko. Ukr. fiz. zhur. 7 no. 7:751-760 Jl '62.

Variational theory of classical liquids and an extension of superpositional approximation [with summary in English]. Iu. V. Gurikov. Ukr. fiz. zhur. 7 no. 7 692-697 Jl '62.

LISTER, JOSEPH, 1827-1912

Joseph Lister, the founder of contemporary surgery. I. G. Rufanov. Klin. med. 40 no. 10:7-16 O '62.

LITERARY SOCIETIES see subdivision under Crimea

LITERATURE—BIBLIOGRAPHY see Bibliography—Literature

LITERATURE—HISTORY AND CRITICISM

Akademiia nauk SSSR. Institut mirovoi literatury. [Theory of literature; the basic problems in a historical interpretation. Image, method, character] Teoriia literatury; osnovnye problemy v istoricheskom osveshchenii. Obraz, metod, kharakter. Moskva, Izd-vo Akad. nauk SSSR, 1962. 450 p.

Around the world. Lidiia Fomenko. Ogonek 40 no. 40: 12-13 S '62.

LITERATURE—HISTORY AND CRITICISM—BIBLIOGRAPHY see Bibliography—Literature—History and criticism

LITERATURE—PHILOSOPHY

Ivanov, A. I. [Role of his world outlook in the works of a writer] Rol' mirovozzrenia v tvorchestve pisatelia. [Saratov] Izd-vo Saratovskogo univ., 1962. 385 p.

LITERATURE—STUDY AND TEACHING

Aksenova, E. M. [Development of feelings by means of literary texts] Vospitanie chuvstv khudozhestvennym slovom, posobie dlia uchitelia. Moskva, Uchpedgiz, 1962. 207 p

LITERATURE, COMPARATIVE—RUSSIAN AND ARMENIAN

"Russian-Armenian literary ties in the 19th and 20th century" [in Armenian] Reviewed by S. Khitarova Vop. lit. 6 no. 11 203-206 N '62

LITHIUM

Radiation defects in silicon doped with lithium. I. V. Smirnova, V. A. Chapnin, V. S. Vavilov Fiz. tver. tela 4 no. 12:3373-3380 D '62.

LITHIUM FLUORIDE—SPECTRA

Infrared absorption and dispersion in LiF and MgO V. V. Mitskevich. Fiz. tver. tela 4 no. 11 3035-3037 N '62

LITHIUM FLUORIDE CRYSTALS—GROWTH

Intergrowth of lithium fluoride crystals by the "dry" method V. A. Mokievskii, Z. A. Smirnova, I. I. Afonas'ev. Kristallografiia 7 no. 5 768-772 S-O '62

LITHOZINCOGRAPHY see Zincography

LITHUANIA—ARCHITECTURE, DOMESTIC

Lietuvos TSR Mokslu akademija, Vilna. Statybos ir architekturos institutas. [Problems of domestic architecture] Gyvenamuju namu statybos klausimai, moksliniu straipsniu rinkinys. Vilnius, Valstybine politines ir mokslines literaturos leidykla, 1962. 187 p. [In Lithuanian]

LITHUANIA—CATHOLIC CHURCH

Ragauskas, Jonas Ite, missa est! Trechiasis leidimas Vilnius, Valstybine grozines literaturos leidykla, 1961 516 p [In Lithuanian]

LITHUANIA—DESCRIPTION AND TRAVEL

[Lithuania, the beautiful land] Lietuva salis grazioju. Vilnius, Valstybine politines ir mokslines literaturos leidykla, 1960. [4] p. illus. [In Lithuanian]

——— [Parallel texts in Lithuanian, Russian, German, and English] 34 p.

LITHUANIA—FURNITURE

Epshtein, A. G. [Experience in the design and manufacture of modern furniture of the enterprises of the Lithuanian Economic Council] Opyt proektirovaniia i proizvodstva sovremennoi mebeli v Litovskom sovnarkhoze. Leningrad, 1962. 13 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Serila: Derevoobrabatyvaiushchaia promyshlennost', no. 6)

LITHUANIA—INSECTS, INJURIOUS AND BENEFICIAL

Pea pests in the Lithuanian S. S. R. P. Rakauskas. Zashch. rast. ot vred. i bol 7 no. 6:28-29 Je '62

LITHUANIA—MATHEMATICS—CONGRESSES

Third Conference of Mathematicians of the Lithuanian S. S. R. V. I. Bliznikas, J. I. Sinkunas. Usp. mat. nauk 17 no 5 197-200 S-O '62.

LITHUANIA—PEAS—DISEASES AND PESTS

Pea pests in the Lithuanian S. S. R. P. Rakauskas. Zashch. rast. ot vred. i bol 7 no. 6:28-29 Je '62

LITHUANIA—PEDIATRICS

Early works of Lithuanian pediatricians on chronic pneumonias (first half of the 19th century). M. Kiaulekiene. Pediatrija 41 no. 9:84-88 S '62.

LITHUANIA—REVOLUTION, 1917-1921

Shkliar, E. N. [The struggle of the workers of the Lithuanian-White Russian S. S. R. with the forces of foreign intervention and internal counterrevolution, 1918-1920] Bor'ba trudiashchikhsia Litovsko-Belorusskoi SSR s inostrannymi interventami i vnutrennei kontrrevoliutsiei, 1918-1920 gg. Minsk, Gos. izd-vo BSSR, 1962. 176 p. (CSt-H)

LITHUANIA—STATE FARMS—MANAGEMENT

Venckunas, Vitautas. [Increasing labor productivity on state farms] Darbo nasumo kelimas tarybiniuose ukiuose. Vilnius, Valstybine politines ir mokslines literaturos leidykla, 1961. 77 p. [In Lithuanian]

LITHUANIA—VOCATIONAL EDUCATION

Toward new frontiers. A. Skardis. Prof.-tekh. obr. 19 no. 7:3-4 Jl '62.

LITHUANIA—ZOOLOGY—CONGRESSES

Second Zoological Conference of the Lithuanian S. S. R. M. S. Gilarov. Zool. zhur. 41 no. 10:1506-1508 O '62.

LITIN DISTRICT—PENTECOSTAL CHURCHES

True friends M. Okhrimenko. Voiov. ateist no. 11 30 N '62.

LITKE, FEDOR PETROVICH, 1797-1882

Outstanding explorer of the Northern regions V. Pasetskii. Mor. flot 22 no 9 49-40 S '62

LIUDKEVYCH, STANYSLAV FYLYPPOVYCH, 1879-

Fighter in life and in creative activity S. Pavlishin. Sov. rauz 38 no 10 24-28 O '62

LIVER

Chemical and biological characteristics of liver hydrolysates. Report 1 Methods of obtaining liver hydrolysates [in Latvian with summaries in English and Russian]. I. Stapane Izv. AN Latv. SSR no. 1: 117-136 '61.

Modified method for studying liver function (after Quick and Pytel') in small laboratory animals N. G. Stepanova Lab. delo 8 no. 5 49-53 My '62

Prothrombin-forming function of the liver in patients with pneumoconiosis I. I. IArtaeva Zdrav. Kazakh 22 no 3 21-25 '62

Study of the excretory function of the liver in various diseases using bromsulphalein (BSP) [with summary in English]. I. T. Abasov. Klin. med. no. 9:121-129 '62.

Transplacental effect of antibiotics from the tetracycline group on the liver of rat embryos [with summary in English]. A. I. Berkalaia Antibiotiki 7 no. 9 795-799 S '62.

LIVER—ABSCESS

Amebic liver abscesses [with summary in English]. Zo Htun, G. A. Orlov. Khirurgiia 38 no 10.66-71 O '62.

Case of liver abscess complicated by a calculus of the common bile duct N. F. Khokhlov Zdrav. kazakh 22 no. 3:59-60 '62

Pyogenic abscesses of the liver [with summary in English] K. G. Tagibekov Khirurgiia 38 no 10 63-68 O '62

LIVER—BIOPSY

Significance of liver biopsy in cholelithiasis [with summary in English]. Sándor Dubec, Tivador Nagy. Vest. khir. 89 no 9:53-57 S '62

LIVER—CANCER

Case of ectopic chorioepithelioma of the liver in a man. O. V. Alekseandrov, V. E. Loktev. Klin. med. 40 no. 10 116-118 O '62.

LIVER—CIRRHOSIS

Importance of nutrition in the development of ceroid degeneration of the liver in the rainbow trout. K. A. Faktorovich. Trudy sov. ikht. kom no. 14, 215-219 '62.

LIVER—DISEASES

(see also subdivision under Uzbekistan)

Some urgent questions in the problem of liver pathology. I. K. Muradnaev, T. I. Metskan Med. zhur. Uzb no 3: 74-76 Mr '62

LIVER—TUBERCULOSIS

Case of tumor-like tuberculosis of the liver in a 9-month-old child. I. IA. Ogus. Probl. tub no 7:97-100 '62.

LIVER EXTRACT

Effect of desoxycorticosterone acetate, vitamin B6, cutaneous gland secretions of a toad, antibiotics, and campolon on the course and outcome of acute experimental radiation injury. E. G. Dolgov. Zdrav. Kazakh. 22 no. 3:47-50 '62.

LIVER FLUKE see subdivision under White Russia

LIVNY DISTRICT—POLITICS AND GOVERNMENT

What is your position, Comrade Golubev? Sov. deput. trud. no. 12:82-84 D '62.

LIZARDS see subdivision under Georgia; Komodo Island

LIZARDS—PARASITES see Parasites—Lizards

LLOYD, SAMUEL, 1841-1911

King of puzzles. R. Kofman Nauka i zhizn' 29 no. 10 97 O '62

LOADING AND UNLOADING

Dynamic loads in loading and unloading skip hoists with a slanting body. E. A. Prokhodtseva. Nauch. trudy MGI no. 23 83-104 '58.

Loading short timber and firewood in cuttings for intermediary use. Z. Salins Les. khoz 15 no. 10 63-66 O '62.

Mechanization of loading and unloading operations in the extraction of wall blocks. V. L. Makarov, A. V. Starchikov. Mekh. stroi. 19 no. 12:10-11 D '62.

Mounted equipment for the E-652 excavator for unloading inert materials. A. N. Radchenko. Mekh. stroi. 19 no 12, 18-19 D '62.

Supplements and amendments to the uniform work norms for loading and unloading, and payment of wages to drivers of truck-mounted cranes and loaders in the forest industry and forestry. Biul. Gos. kom. po vop. truda i zar. platy no 4 3-4 '62.

Universal loader. P. Zhelikov, V. Doroshev. Sel'. mekh. no. 10 23-24 '62.

LOADING AND UNLOADING—EQUIPMENT AND SUPPLIES

Device for unloading logs. Sel' stroi 16 no 2:29 F '62

New box loader. IA. Shkop, V. Kovbasiuk, R. Selmovich. Avt. transp. 10 no. 11:14-15 N '62

Radionov, G. V., and others [Loading machines for loose and lump materials, design, theory, and calculations] Pogruzochnye mashiny dlia sypuchikh i kuskovykh materialov, konstruktsiia, teoriia i raschet [By] K. S. Gurkov i dr. Moskva, Mashgiz, 1962. 286 p.

LOCAL GOVERNMENT see subdivision under Moscow

LOCKJAW see Tetanus

LOCOMOTIVE BOILERS—MAINTENANCE AND REPAIR

Automatic welding of boiler connections during repairs. I. N. Egorov. Svar. proizv. no. 5, 35-36 My '62

LOCOMOTIVES

Analysis of principal networks and thermodynamic characteristics of the engines of gas turbine locomotives with free-piston gas generators. E. T. Bartosh, E. M. Siuziumova. Trudy TSNII MPS no. 241 58-82 '62

Pickup characteristics of the gas turbine engines of locomotives with mechanical transmission systems. E. T. Bartosh. Trudy TSNII MPS no. 241 20-35 '62

Selection of the principal parameters of the gas turbine of a locomotive with a mechanical transmission system. L. A. Shevchenko, L. IA. Levental'. Trudy TSNII MPS no. 241 5-19 '62

Tractional characteristics of a turbine with counterrotating rotors. E. T. Bartosh. Trudy TSNII MPS no. 241 36-50 '62

LOCOMOTIVES—WHEELS

Heating the components of locomotive wheel pairs for fitting. G. IA. Andreev, L. I. Shat'ko. Izv. vys. ucheb. zav., mashinostr. no. 8:199-206 '62

LOCUSTS

(see also subdivision under Kazakhstan, Volgograd Province)

Detection of locusts from the air. E. P. TSyplenkov. Zashch. rast. ot vred. i bol. 7 no. 6, 43-45 Je '62

LOCUSTS—EXTERMINATION see subdivision under Kuma Valley

LOESS

Criterional equation of deformations due to settlement in loess soil. A. A. Mustafaev. Osn., fund. i mekh. grun. 4 no. 5, 10-12 '62

LOESS—TESTING

Effect of the dimensions of stamps on the character of the settlement of loess soil. L. E. Raevskii. Osn., fund. i mekh. grun. 4 no. 5, 14-16 '62

LOGGING (GEOLOGY)—ELECTRONIC EQUIPMENT

Some features in the use of logging stations with electronic self-recorders. L. A. Gorbatov. Geofiz. razved. no. 10, 80-82 '62

LOGGING (GEOLOGY)—EQUIPMENT AND SUPPLIES

Starting of production of the RK-60-1, apparatus. I. V. Mukhin. Geofiz. razved. no. 10, 82-86 '62.

LOGIC, SYMBOLIC AND MATHEMATICAL

Chesnokov, P. V. [The logical phrase and clause] Logicheskaia fraza i predlozhenie. [Rostov-na-Donu] Izd-vo Rostovskogo univ., 1961. 97 p. (MH)

Elements of mathematical logic in extracurricular work. V. V. Malinin. Mat. v shkole no. 5, 60-66 S-O '62.

LOGICAL POSITIVISM

Korneeva, A. I. [Critical evaluation of neopositivist views on the nature of knowledge] Kritika neopozitivistskikh vzgliadov na prirodu poznaniia. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1962. 225 p.

Neopositivists are defenders of religion. V. Kosolapov. Volov. sletst. 3 no. 12, 10-13 D '62.

LOMONOSOV, MIKHAIL VASIL'EVICH, 1711-1765

Larisev, V. G. [M. V. Lomonosov's science poetry] Nauchnaia poeziia M. V. Lomonosova. Samarkand, Izd-vo Samarkandskogo gos. univ. im. A. Navoi, 1961. 66 p. (CaGTU)

"M. V. Lomonosov" by S. I. Vavilov. Reviewed by L. I. Shchekina. Vop. filos. 16 no. 11:178-180 '62.

Orishin, A. D. [Lomonosov and our times] Lomonosov i nasha sovremennost'. Otv. red. L. N. Klimkova. [L'vov] Izd-vo L'vovskogo univ., 1961. 52 p. (MR)

LOMONOSOV, VSEVOLOD IUR'EVICH, 1899-1962

Vsevolod IUr'evich Lomonosov; obituary. L. I. Sirotinskii and others. Elektrichestvo no. 12:88 D '62.

LONDON—EXHIBITIONS

The second international exhibition and conference on pipes, pipelines, pumps and shut-off control devices. V. M. Orlov. Mont. i spets. rab. v stroi. 24 no. 11-27-31 N '62.

LONDON—MUSIC

Music lovers have hope. J. Weissman. Sov. muz. 26 no. 11 125-126 N '62.

LOOMS

Sidorov, IU. P., and V. A. Kokorev. [The P-105 pneumatic and G-105B hydraulic looms] Pnevmaticheskie P-105 i gidravlicheskie G-105B tkatskie stanki. Moskva, Rostekhizdat, 1962. 85 p.

LOW TEMPERATURE RESEARCH

Comments on IU. IA. Voloshenko-Klimovitskii's article "Regularities in the changes of the yield point at high loading speeds and low temperatures." Izv. AN SSSR. Otd. tekh. nauk. Mekh. i mashinostr. no. 6:175 N-D '62.

Dielectric loss in X-rayed fluorite crystals when studied at low temperatures at a wavelength of 3.18 cm. I. I. Dzhik. Izv. vys. ucheb. zav., fiz. no. 5:81-85 '62.

New methods for establishing a thermodynamic scale in the range of low temperatures. A. D. Brodskii, V. P. Kremlevskii, A. V. Savateev. Trudy inst. Kom. stand., mer. i izm. prib. no. 49:24-29 '60.

LOW TEMPERATURES

Curves for the onset of solutions of helium isotopes. N. G. Bereznik, I. V. Begotavlenskii, B. N. Esel'son. Zhur. eksp. i teor. fiz. 43 no. 5:1981-1982 N '62.

LOWER KAMA HYDROELECTRIC POWER STATION

Results of lithological and geotechnical studies of Pliocene sediments in connection with the construction of the Lower Kama Hydroelectric Power Station. Izv. Kazan. fil. AN SSSR. Ser. geol. nauk no. 9 197-207 '60

LOYEV DISTRICT—COMMUNIST YOUTH LEAGUE

Niamkovich, V. A. [Our efficient helpers] Balavyia pamochniki. Minsk, Dzhiarzh. vyd-va BSSR Red. masava-palit. lit-ry, 1961. 38 p.

LUBRICATION AND LUBRICANTS

Detergent greases for heavily loaded reductors. V. A. Vishniakov. Khim. i tekh. topl. i masel 7 no. 11, 60-62 N '62

Electron microscope study of the structure of sodium greases in soaps of synthetic fatty acids. V. V. Sinitsyn, B. N. Kartinin. Khim. i tekh. topl. i masel 7 no. 11 62-66 N '62

Oxidizability of thickened oils and the effect on it of the derivatives of morpholine. S. Z. Kaplan, A. P. Galashina. Zhur. prikl. khim. 35 no. 11:2526-2533 N '62.

Possibility of the use of liquid metals as lubricants. A. N. Tynnyi, M. I. Chaevskii, V. A. Teterskii. Nauch. zap. IMA AN URSR. Ser. mashinoved. 9:41-46 '62.

Protective lubrication. V. Kolashnikov and others. Sel' mekh. no. 10, 36 '62.

Use of vacuum filters with a diatomaceous filtering layer in the final stages of the purification of oils by the contact process. U. A. Mamedov, A. A. Vartanov. Khim. i tekh. topl. i masel 7 no. 11:37-40 N '62.

Using the "pole figure" method for investigating the effect of technological lubrication on the quality of die-stamped products. D. Sarkisian. Prom. Arm. 5 no. 11:29-32 N '62.

LUBRICATION AND LUBRICANTS—ADDITIVES

Wearability of additives to oils. A. B. Vipper, E. P. Mosikhin. Khim. i tekh. topl. i masel 7 no. 11:66-67 N '62

LUGANSK—EVENING AND CONTINUATION SCHOOLS

School for working youth at an institute. I. M. Bilohub. Rad. shk. 41 no. 9:79-81 S '62.

LUGANSK PROVINCE—POLITICS AND GOVERNMENT

Executive Committee of Lugansk Province has reproved Comrade Shepilov, N. Guseev. Sov. deput. trud. no. 12: 84 D '62.

LUGANSK PROVINCE—RETAIL TRADE

People with a generous soul. Sov. potreb. koop. 8 no. 9: 14-15 S '62.

LUMBER—DRYING

Use of the EPP-09 potentiometer as a program regulator in wood drying. E. K. Muradian. Der. prom. 11 no. 11: 20-21 N '62.

Weight method remote control of lumber moisture in dryers. V. G. Miliaev. Der. prom. 11 no. 11:8-9 N '62.

LUMBER—TRANSPORTATION

(see also subdivision under Archangel Province; Latvia)

Basic parameters of the automatic coupler construction for the rolling stock of lumber railroads with a gauge of 750 mm. V. P. Trusov, N. I. Gedz. Izv. vys. ucheb. zav., les. zhur. 4 no. 5:82-89 '61.

Coupling the truck trailer. V. P. Lakhno. Izv. vys. uchob. zav.; les. zhur. 4 no. 5:69-75 '61.

Lumber transportation on ships of the type "Andizhan." V. Kachaev. Mor. flot 22 no. 12:15-16 D '62.

Mel'nikov, V. I., P. G. Sergeev, and IU. IA. Dmitriev. [Land transportation of timber and lumber floating] Sukhoputnyi lesotransport i lesosplav. Moskva, Goslesbumizdat, 1962. 314 p.

Movement resistance of the elements of the track superstructure of narrow-gauge lumber railroads. B. I. Kuvaldin, G. N. Sidorin. Izv. vys. ucheb. zav., zhur. 4 no. 5:53-58 '61.

LUMBER TRADE—TABLES AND READY-RECKONERS

Bolarskii, V. S. [Volume surface dimensions and norms of lumber materials] Ob"emy, ploshchadi i normy vykhoda pilomaterialov. Izd. 3., perer. i dop. [Lugansk] Luganskoe oblastnoe izd-vo, 1961. 112 p.

LUMBERING

(see also subdivision under Karelia, Komi A. S. S. R., Konosha District; Polesye, Sverdlovsk Province)

Progressive work methods should be applied in the lumbering industry. IA. Baluev. Sel' stroi. 16 no. 2, 16-17 F '62

"Regeneration of spruce following the ski [illegible] topped trees" by M. N. Prokof'ev. Reviewed by V. S. Pidnia. G. K. Snauev. Les. khoz. 15 no. 7 [illegible] '62

LUMBERING—HYGIENIC ASPECTS see sub-division under Tyumen' Province

LUMBERING—LAW AND LEGISLATION

Decisions of arbitration agencies. Sov. iust. no. 22 [illegible] N '62.

Decisions of arbitration agencies. Sov. iust. no. 21 30 D '62.

LUMBERING—MACHINERY

Iuber, F. I., and P. I. Skachkov. [Maintenance and repair of machines and mechanisms in felling areas] Tekhnicheskoe obsluzhivanie i remont mashin i mekhanizmov na lesoseke. [Arkhangel'sk] Arkhangel'skoe knizhnoe izd-vo, 1961. 65 p. [MICROFILM]

Indices of the specific productivity of lumbering equipment. V. B. Pokhodov. Izv. vys. ucheb. zav. i les. zhur. 4 no. 5:95-99 '61.

LUMBERING—SAFETY MEASURES

Safety measures in working windbreaks. I. I. [illegible] Les. khoz. 15 no. 10 87-89 O '62.

LUMINESCENCE

Chemiluminescent catalytic reaction in the system luminol - copper - hydrogen peroxide. Part 2. A new electric method of investigating the effect of [illegible] concentration. A. K. Babko, N. M. Lukovskaia. Ukr. khim. zhur. 28 no. 7 861-865 '62. [In Russian; summary in English]

Dependence of the isoingeniluminescence of flat filaments on the temperature and activation energy [with summary in English]. V. N. Vyshnevs'kyi. Ukr. fiz. zhur. 7 no. 12:1292-1297 D '62

Effect of oxygen vacancies on the luminescence and photoconductivity of copper oxide. [illegible] Iu. I. Korkhanin. Fiz. tver. tela 4 no. [illegible] '62

Feasibility of induced radiation in systems with electronic-vibrational levels. V. L. Brude. Fiz. tver. tela 4 no. 10:2976-2978 O '62.

Luminescence detection of lipids in blood [illegible] radiation sickness. N. K. Sviridov. Lab. delo 8 no. 5, 15-16 My '62.

Role of defects in the exciton luminescence of [illegible] crystals. Iu. V. Konobeev. Fiz. tver. tela 4 no. 12 3634-3639 D '62.

Thermoluminescence of minerals and rocks and its importance for geology. A. D. Bakhturova. Geol. i geofiz. mestorozh. no. 5:84-95 S-O '62.

LUMINESCENCE—CONGRESSES

Molecular luminescence and luminescence analysis. V. L. Levshin. Vest. AN SSSR 32 no. 12 [illegible] '62.

LUMINESCENT SUBSTANCES

Kinetics of the photoconductivity and luminescence of a crystal phosphor ZnS-Cu under pulse excitation. I. I. Belikova, M. D. Galanin, E. A. Svitsenkova. Opt. i spektr. 13 no. 5:752-753 N '62.

Relation between luminescent and photoelectrical [illegible] ena in ZnS-Mn. N. A. Tolstoi and others. Fiz. tver. tela 4 no. 11:3177-3184 N '62

Temperature dependence of the electroluminescence of ZnS-Cu, Cl single crystals. V. A. Bychkova, B. F. Fediushin. Opt. i spektr. 13 no. 5, 731-734 N '62

LUMINOL

Chemiluminescent catalytic reaction in the system luminol - copper - hydrogen peroxide. Part 2. A new electric method of investigating the effect of [illegible] concentration. A. K. Babko, N. M. Lukovskaia. Ukr. khim. zhur. 28 no. 7 861-865 '62.

LUNGS

Present-day problems in pulmonology; the [illegible] All-Union Congress of Therapeutists. Klin. med. 40 no. 8, 159-165 '62.

Segmental lung structure in foetuses, neonates and infants [with summary in English]. N. S. Dmitrieva. Pediatriia 41 no. 9:66-69 S '62.

LUNGS—DISEASES

Changes in a lung with an aseptic and infected form of inflammation in ligature of the pulmonary artery [with summary in English]. N. V. Doskova. Biul. eksp. biol. i med. 54 no. 11:103-113 N '62.

[illegible] — [illegible] (summary)

Clinical aspects of pulmonary and cardiopulmonary insufficiency in children [with summary in English]. III. I. Donskoi, ed.-in-ch. Pediatriia 41 no.9:4-6, S '62.

Effect of physical education on a decrease of morbidity in young children [with summary in English]. M.I. Lamarov. Pediatriia no.7:11-15 '62.

Effect of prednisone and concomitant pulmonary and cerebral changes on the clinical course of hypertension [with summary in English]. N.V. Kalinina, Ter.arkh. no.8:61-67 '62.

Errors in the diagnosis of tuberculosis and nontuberculous lung diseases [with summary in French]. I.I. Abolits, I.I. Dansky. Probl.tub. no.7:12-17 '62.

Excitation mechanisms of the respiratory center in lung lesions [with summary in English]. Z.N. Sergeeva, I.I. Gavrilova, S.I. Frankshtein. Biul.eksp.biol.i med. 54 no.11:30-34 N '62.

Late results of the hospitalization of children with chronic nonspecific pulmonary diseases in sanatoria on the south coast of the Crimea [with summary in English]. M.M. Dzeva and others. Pediatriia 41 no.9:57-60 '62.

Results of pulmonary artery ligation in chronic suppurative diseases of the lungs [with summary in English]. I.G. Ugolev, A.V. Afanas'eva. Vest.khir. 89 no.8:41-43 '62.

LUNGS, DUST DISEASES

Changes in the lungs following the administration of kaolin dust. O.V. Kiku, V.N. Karcharova. Gig. truda i prof. zab. 6 no.6:44-48 Je '62.

Proliferative forming function of the liver in patients with pneumoconiosis. L.I. Ivanova. Zdrav. Kazakh. 22 no.1:21-26 '62.

Symposium on silicosis in the countries of the peoples democracy held in Plovdiv. N.N. Shatalov. Gig. truda i prof. zab. 6 no.6:58-60 Je '62.

LUNGS, RADIOGRAPHY

Kovács, Ferenc, and Zoltán Zaoldik. [X-ray anatomical bases for studying the lungs. Translated from the German] Rendkivüli anatomiai hozzászólások a tüdőkről. 2., javított kiadás. 1 dop. tzd. Budapest, Akadémiai Kiadó, 1962. 230 p. (chiefly illus.)
(RHUM)

LUNGS, SURGERY

Changes in cardiac circulation during the first hours following pulmonary surgery [with summary in English]. III. I. Gorbatov. Vest.khir. 89 no.9:12-16 S '62.

Indications and contraindications for pulmonary resection in cases of nonspecific pulmonary tuberculosis [with summary in English]. N.I. Markov. Vest.khir. 89 no.8:3-10 S '62.

Prevention and treatment of operative and postoperative complications in lung resection. V.M. Kremlis. Zdrav. Litvy. 9 no.5:19-20 My '62.

Pulmonary resection for tuberculosis in diabetes mellitus [with summary in English]. G.G. Gorovenko, N.V. Orlov. Vest.khir. 89 no.9:10-14 S '62.

LVIVSK

(see also subdivision under Moscow Province, White Russia)

Interaction of plant and perennial lupine root systems in joint growths. V.L. Podlubnov. Zhur.obshch.biol. 23:4 no.11:77-80 '62.

LVIVSK. FERTILIZERS AND MANURES see subdivision under Makarov District (Kiev Province)

LYALEVICH, IVAN DOMINIKOVICH, 1883-1942

Poetry which glorifies workers, on the 60th anniversary of Ivan Lyalevich's birth. Volov. istorich. no.7:47-51 '62.

Shevchenko and Ivan Lyalevich. V.O. Vinogradov. Rad. shk. 25 no.6:61-68 N-D '62.

LVOV (CHAPTER ART)

Plan I grafiki v Gosudarstvennom arkhive Lvovskoi oblasti, Lvov 1939-1959. Z.M. Ubaryk. Trudy GUMII LMP no.6:103-134 '61

LVOV PAINTERS

Traditional easel painting of the 14th to the 18th century in the collections of the State Museum of Ukrainian Art in Lvov. M.I. Dmitrieva. Trudy GUMII LMP no.6:111-167 '61.

LVOV PRINTING INDUSTRY

What work under the new conditions has shown. M.IA. Shpital'nik. Poligr.proizv. no.12:6-8 D '62.

LVOV-SOVIET

Creative initiative and indifference. I. Belozhov. Sov. deputat. no.12:45-47 D '62.

LVOV ECONOMIC REGION INDUSTRIES

The main trend. I.P. Ivanba. Ukraine no.24:3 D '62.

LVOV PROVINCE ATHEISM

We should show concern for people. V. Rubin. Volov. znamia no.6:25-27 Je '62.

LVOV PROVINCE BANKS AND BANKING ACCOUNTING

From the practice of organizing work and mechanizing accounting for pension operations. IA. Korolev. Den i kred. 20 no.10:54-56 O '62.

LVOV PROVINCE—OAK

Factors governing the productivity of young oak plantations. A.I. Kvitchinskii. Izv.vys.uchebn.zav., lesn. zhur. 4 no.5:11-15 '61.

LVOV PROVINCE—POTATO BEETLE

Phenology of the Colorado beetle. D. Sachin. Zashch. rast. ot vred. i bol. 7 no.6:56 Je '62.

LVOV PROVINCE—POTTERY

Folk pottery of the Lvov region. K.I. Matelko. Pratsi UDMI LMP no.6:35-41 '61

LVOV-VOLYN' BASIN—COAL MINES AND MINING

High-speed drifting by means of the 5KhPM cutter loader. A.N. Vasil'tsov, V.D. Kolychev. Ugol' Ukr. 6 no.11:27-28 N '62.

LVOV-VOLYN' BASIN—MINE RAILROADS

Analyzing the shuttle-bottom operations in the mines of Chervonograd ugol' Trust. N.T. Kocherga. Ugol' Ukr. 6 no.11:27-28 N '62.

LYAKHOVICHI DISTRICT—WOMEN IN AGRICULTURE

A field crew leader. Ol. Khadanna. Bolshie' 10 no.12:4-5 D '62.

LYMPH

Total protein and its fractions in the blood serum and lymph in elephantiasis [with summary in English]. A.N. Ivinskii, S.A. Karpiuk. Klin.med. 40 no.10:91-99 O '62.

LYMPHADENOMA see Hodgkin's disease

LYMPHATICS - SURGERY

Technic for the excision of cervical lymph nodes [with summary in English]. R.I. Vogner. Vest.khir. 89 no.9:77-78 S '62.

LYSENKO, MYKOLA VITALIYEVYCH, 1842-1912

Folk songs as a source of "Taras Bulba." I. Darnov. Sov. muz. 25 no.10:61-68 O '62

LYSINE

Preparation of S-N, N bis (β chloroethyl)-l-lysine. O.F. Gladkaya, K.D. Mal'tsmanovskaia. Zhur. VKHO 7 no.6:703 '62

LYUDAR DISTRICT—PENTECOSTAL CHURCHES

They ruined the lives of these people. M. Volodiko, I. Yakovlevskyi. Volov. znamia no.120-21 N '62

MACHINE ACCOUNTING

From the practice of organizing work and mechanizing accounting for pension operations. IA. Korolev. Den i kred. 20 no.10,54-56 O '62

"Mechanization of calculations in construction" by M.M. Rappoport. Reviewed by I.A. Smolina. Mont.i spets. rab.v atrol. 24 no.12:30 D '62.

What hinders the mechanization of statistical reports processing. P. Rabinin. Vest.stat. no.11:82-84 '62.

MACHINE-SHOP PRACTICE

Lynov, I.V., and V.L. Riankov. [Manual for mechanics] Spravochnik slesaria. [Saratov] Saratovskoe knizhnoe izd-vo, 1962. 304 p.

MACHINE SHOP PRACTICE—PRODUCTION STANDARDS

Moscow, TSentral'noe biuro promyshlennykh normativov po truda. [General time norms used in the machinery industry for technical standardization of preparatory work on metal elements; small-lot and piece production] Obshchemashinostroitel'nye normativy vremeni dlia tekhnicheskogo normirovaniia zagotovitel'nykh rabot po metallokonstruktsiiam; melkoseriinoe i edinichnoe proizvodstvo. Moskva, Mashgiz, 1962. 192 p.

MACHINE-TOOL INDUSTRY see subdivision under Moscow, Ukraine

MACHINE TOOLS

(see also subdivision under Sverdlovsk Province)

Introduce transfer-machine lines more widely. I.N. Kovtskin. Mekh.i avtom.proizv. 16 no.11:34-40 N '62.

The BPF-9 noncontact radioactive unit for the control of an automatic machine tool or an automatic line. V.I. Gorlanov, A.A. Bobkov. Sbor. MOSTANKIN no.6:121-130 '62.

Shashkin, A.S. [Structural analysis of the elements of metal-cutting machine tools] Strukturnyi analiz elementov metallorezhushchikh stankov. Moskva, Mashgiz, 1962. 262 p.

MACHINE TOOLS—ATTACHMENTS

Mechanism for automatic shifting of cutting tools. A.I. Rubkin. Mashinostroitel' no.11:9 N '62.

MACHINE TOOLS—DESIGN AND CONSTRUCTION

"Machine tools made of large blocks" by A.I. Dashchenko. Reviewed by T. Vvedenskii. Mashinostroitel' no.11: 46 N '62.

MACHINE TOOLS—TESTING

Investigating some methods for checking the rectilinearity of guide beds. F.P. Sharova. Trudy inst. Kom. stand., izm. i itrn. prib. no.47,167 178 '61

MACHINE-TRACTOR STATIONS see subdivision under Kalinin Province

MACHINERY

Impact speed of a vibration percussion machine. A.I. Novozhilov. Izv.vys.ucheb.zav., mashinostr. no.8:56-60 '62

New instruments and machinery. Mekh.i avtom.proizv. 16 no.11,16-19,54-56 N '62.

MACHINERY—CONSTRUCTION

Egorov, M.E. [Lecture course on technological processes in the manufacture of machinery] Kurs lektsii po tekhnologii mashinostroeniia. Moskva, Vses. zaochnyi energ. in-t.

Pt.2. [Methods for machining machine-part elements and the technology of assembling processes] Metody mekhanicheskoi obrabotki elementov detalei mashin i tekhnologiia sborochnykh protsessov. 1962. 223 p.

[Machinery manufacture] Ref.zhur. Mashinostr. no.10 O '62.

MACHINERY—COST

Amount of savings. N. Bessonov. Izobr.i rats. no.11: 32 N '62.

MACHINERY—DESIGN

Bolotnerkovskii, A.I. [Volunteer design bureau] Obshchestvennoe konstruktorskoe biuro. Alma-Ata, Kazakhskoe gos. izd-vo, 1962. 35 p.
[MICROFILM]

Reducing weight and dimensions of machinery by the use of planetary reducing gears. V.N. Cherkasov. Trudy NPI 126:25-27 '61

Save the time of a designer. V.N. Filogenov, IU.V. Podshibiakin. Mashinostroitel' no.11:38 N '62.

Zakharian, R.O. [Probability calculations in the selection of fits for mated machine parts] Veroiatnostnye raschety pri vybore posadok v sopriazhennykh mashin. Erevan, Aipetrat, 1962. 50 p.

Volunteer design offices. V. Kalinkin. Polit.samoobr. 6 no.12:51-52 D '62.

MACHINERY—DRAWING

Evaluating the efficiency of measures for mechanizing machinery drawing processes. V.I. Kitsanov. Izv. vys. ucheb. zav., mashinostr. no.8:5-12 '62.

Plotting axonometric projections of machine parts in the rectangular coordinate system. M.M. Uditskii, G.G. Mikukha. Izv.vys.ucheb.zav., mashinostr. no.8:13-22 '62.

MACHINERY—ERECTING WORK

Demni, M.P., and others. [Planning the organization and execution of erecting work; principal designs of the rigging of equipment] Proektirovanie organizatsii i proizvodstva montazhnykh rabot, osnovnye reshenilia takelazha oborudovaniia. Moskva, Gosstroiizdat, 1962. 192 p.

Ways to develop the mechanization of machine assembly work. P.A. Zhukin. Mont.i spets.rab.v atrol. 24 no.12:7-10 D '62.

MACHINERY—MAINTENANCE AND REPAIR

Increasing fatigue strength and wear resistance by hard facing with a weaving arc. V.S. Bragimov. Svar. proizv. no.5:13-16 My '62.

MACHINERY—SAFETY APPLIANCES

Protection of air-separating units from explosions. G.F. Denisenko. Zhur.VKHO 7 no.6:611-650 '62.

MACHINERY—STANDARDS

Standards for the machinery industry. Standartizatsiia 26 no.11:64 N '62.

MACHINERY—TRANSPORTATION

Transportation of oversized equipment by water. V.I. Pozhitkov. Mont.i spets.rab.v atrol 24 no.11:16-20 N '62.

MACHINERY, AUTOMATIC

Gura, G.S. [On automatic production lines] Na avtomaticheskikh liniiakh. [Khar'kov] Khar'kovskoe knizhnoe izd-vo, 1962. 18 p. (Udarniki kommunisticheskogo truda)

Kosilkin, L.N., and V.F. Prola. [Automatic transfer-machine lines for stamping] Avtomaticheskie rotornye linii v shtampovochnom proizvodstve. Pod obshchei red. V.P. Romanovskogo. Moskva, Mashgiz, 1962. 46 p. (Bibliotechka shtampovshchika, no.2)
[MICROFILM]

[illegible]
Ilkoro-vodochnykh zavodov; rukovodstvo po ekspluatatsii i naladke. Blagoveshchensk, Amurskoe knizhnoe izd-vo, 1960. 62 p.
[MICROFILM]

Determining the error in the position of a conveyed part having several degrees of freedom [with summary in German]. O Kepe Izv.AN Latv SSR no 2:71-78 '61,

Frequency meters of speed and travel S.N. Kochevnikov, V.S. Egorov. Trudy Inst chern met AN URSR 16 66-69 '62

Shashkin, A.S. [Structural analysis of the elements of metal-cutting machine tools] Strukturnyi analiz elementov metallorezhushchikh stankov. Moskva, Mashgiz, 1962. 262 p.

MACHINERY INDUSTRY
(see also subdivision under Kaluga; Leningrad, Moldavia, Podol'sk District, Ural Mountain region, Voronezh, White Russia)

Evaluating the capacity of automatic production processes in the machinery industry. F.K. TSuprov. Trudy LPI no. 219:162-175 '62

Glagoleva, L.A., and others [Problems for the course in the organization and planning of machinery plants] Sbornik zadach po kursu organizatsii i planirovaniia mashinostroitel'nykh predpriiatii. Pod red. I.M. Razumova, L.A. Glagolevoi. Moskva, Mashgiz, 1962. 261 p.

Indicators of the specialization of and cooperation among industrial enterprises, based on the materials of the machinery industry [with summary in English] P.IA. Oktiabr'skii. Vest.LGU 17 no 23:16-25 '62.

IUt, A.L. [Plastics in the machinery industry] Plastmassy v mashinostroenii. [Perm'] Permskoe knizhnoe izd-vo, 1962. 43 p. (Molodomu mashinostroiteliu)

Using electronic digital computers for the solution of problems of strength and dynamics in the manufacture of machinery. A.P. Filippov. Sbor. trud. Lab. gidr. mash. AN URSR no. 10 14-57 '62

MACHINERY INDUSTRY—ACCOUNTING

Basic regulations on accounting for expendable tools and instruments, letter No. 276, of the Ministry of Finance of the U.S.S.R., September 9, 1959. Sbor. post., prik. i instr. po fin.-khoz. vop. 27 no. 11 14-28 N '59.

Organization of standard accounting. V. Chaikin. Bukhg. uchet 19 no. 11 4-10 N '62.

Standard accounting in enterprises with assembly-line and individual production. V. Savin. Bukhg. uchet 19 no. 11, 15-19 N '62

Ways to reorganize calculations in machinery manufacturing. G. Bocharov. Bukhg. uchet 19 no. 11:25-32 N '62.

MACHINERY INDUSTRY—EQUIPMENT AND SUPPLIES
(see also subdivision under Ivanovo)

Efficient utilization of equipment is an important potential for increasing labor productivity. G. Ovcharenko. Sots. trud 7 no. 11:13-21 N '62.

MACHINERY INDUSTRY—FINANCE see subdivision under Uzbekistan

MACHINERY INDUSTRY—LABOR PRODUCTIVITY

Calculating planned assignments on labor productivity with the aid of mathematical methods. V. Khaikin. Sots. trud 7 no. 11:77-85 N '62.

Methodological principles of planning future growth of labor productivity in machinery manufacturing. A. Golov. Biul. nauch. inform. trud i zar. plata 5 no 11:27-36 '62.

MACHINERY INDUSTRY—PRODUCTION STANDARDS see subdivision under Moscow, Poland, Sverdlovsk Province

MACHINERY INDUSTRY—TECHNOLOGICAL INNOVATIONS see subdivision under Azerbaijan

MACHINERY INDUSTRY WORKERS see subdivision under Chernovtsy

MADRAS—DESCRIPTION AND TRAVEL

Madras. G. Plasmannik. Az. i Afr. segodnia no. 12:38-39 D '62.

MAGNESIA

Effect of the backing material on the secondary emission from MgO films. V.L. Borisov. Fiz. tver. tela 4 no. 10:2738-2740 O '62.

MAGNESIA CEMENT

Hardening of magnesia cement. O.B. Adomavičiūtė, I.V. IAnitskii, B.I. Vektaris. Zhur. prikl. khim. 35 no. 11:2551-2554 N '62.

Testing the lining of the clinkering zone in rotary kilns by unfired products of magnesia concrete. A.A. Pirogov and others. Sbor. nauch. trud. UNIIO no. 5: 234-253 '61.

MAGNESITE

Use of radioactive isotopes to control the grinding of magnesite refractories. D.M. Shakhtin, E.V. Levintovich. Sbor. nauch. trud. UNIIO no. 5:336-341 '61.

MAGNESIUM

Conditions of precipitation of germanium with magnesium and iron. A.A. Shokol, L.P. Andrusenko. Ukr. khim. zhur. 28 no. 9:1009-1013 '62.

Mobility of Ag^{110} in magnesium. P.P. Kuz'menko, L.F. Ostrovskii. Fiz. tver. tela 4 no. 10:2984-2986 O '62.

...riev and others. Ukr. fiz. zhur. 7 no. 9 1028 S '62

MAGNESIUM-ALUMINUM ALLOYS see Aluminum-magnesium alloys

MAGNESIUM—ANALYSIS

Conditions for the photometric determination of magnesium as adsorption colored compounds [with summary in English]. A.K. Babko, N.V. Lutokhina. Zhur. anal. khim. 17 no. 8:922-925 N '62.

Spectral determination of impurities in magnesium of high purity [with summary in English] O.F. Degtiareva, L.G. Sinitsyna, A.D. Proskuriakova. Zhur. anal. khim. 17 no. 8 926-930 N '62.

MAGNESIUM-CADMIUM ALLOYS

The long-range order parameter and arrangement of interstitial atoms in Mg-Cd alloys [with summary in English]. P.P. Kuz'menko, H.I. Kal'na. Ukr. fiz. zhur. 7 no. 12 1340-1341 D '62

X-ray diffraction study of ordered alloys of the system Mg - Cd [with summary in English]. P.P. Kuz'menko, H.I. Kal'na. Ukr. fiz. zhur. 7 no. 12:1335-1339 D '62.

MAGNESIUM CALCIUM SILICATE—ELECTRIC PROPERTIES

Effect of aluminum oxide on the electroconductivity of nonalkaline magnesium-calcium glasses. V.S. Nikandrov. Fiz. tver. tela 4 no. 11:3342-3343 N '62

MAGNESIUM ORGANIC COMPOUNDS

Use of organomagnesium compounds in the synthesis of organic derivatives of the elements of groups II-V in an ether-free medium. L.I. Zakharkin, O.IU. Okhlobystin, B.N. Strunin. Izv. AN SSSR. Otd. khim. nauk no. 11 2002-2006 N '62.

MAGNESIUM OXIDE—SPECTRA

Infared absorption and dispersion in LiF and MgO. V.V. Mitskevich. Fiz. tver. tela 4 no 11:3035-3047 N '62

MAGNESIUM SULFATE

Conductometric titration of the system $H_2BO_3 - H_2SO_4 - MgSO_4$. Z.P. IAkusheva, G.V. IAn-Sho-sian [Yang Shuo-hsiang]. Zhur. prikl. khim. 35 no. 10 2199-2201 O '62.

MAGNETIC AMPLIFIERS

Demonstration of the work of magnetic amplifiers. A.A. Kozlavkin. Fiz. v shkole 22 no. 5:86-87 S-O '62

Regulation of the angular velocity of an asynchronous motor using in opposition connected magnetic amplifiers in the rotor circuit. S.IA Dunaevskii, N.B. IAkobson. Elektrichestvo no. 12 51-55 D '62.

Single-valve full-wave magnetic amplifier [with summary in English]. B.N. Ivanchuk, R.A. Lipman, B.IA. Ruvinov. Avtom. i telem. 23 no. 12 1701-1711 D '62.

Transistorized magnetic amplifier for servosystems with a two-phase induction motor. K.I. Kurakin. Priborostroenie no. 11 15-16 N '62.

Use of an analog computer in the determination of the characteristics of a magnetic amplifier. V. Glukhov. Izv. AN Latv. SSR no. 2:79-88 '61.

MAGNETIC ANOMALIES see subdivision under Ukraine

MAGNETIC FIELDS

Anisotropy of the sign of the Hall effect in tin. S.V. Volkov, V.N. Kashinskii. Vest. Mosk. un. Ser. 3. Fiz., astron. 17 no. 6:80-81 N-D '62.

"Anomalous" diffusion of a rarefied plasma with a current in a magnetic field [with summary in English]. B.B. Kadomtsev. Zhur. eksp. i teor. fiz. 43 no. 5: 1696-1696 N '62.

Compression of a plasma in a p-i-n diode under the action of an intrinsic magnetic field. G.V. Gordeev. Fiz. tver. tela 4 no. 10:2890-2896 O '62.

Conductivity due to excess current carriers in a magnetic field. V.N. Dobrovol'skii. Fiz. tver. tela 4 no. 10:2806-2812 O '62.

Effect of a magnetic field on phenomena in a diode with cesium vapors [with summary in English]. N.D. Morhulis, IU.I. Chutov. Ukr. fiz. zhur. 7 no. 9:1003-1014 S '62.

Effect of an external magnetic field on the development of a pulsed discharge in argon [with summary in English]. S.I. Andreev, M.P. Vanukov, A.T. Starovoitov. Zhur. eksp. i teor. fiz. 43 no. 5:1616-1618 N '62.

Effect of radiation processes on transport phenomena in a plasma in a high magnetic field [with summary in English]. A.I. Akhiezer, V.G. Bar'iakhtar, S.V. Peletminskii. Zhur. eksp. i teor. fiz. 43 no. 5:1743-1749 N '62.

Effect of transverse magnetic field on the internal structure and hydraulic resistance of liquid metals in turbulent flows [with summary in English]. G. Branover, O. Lielausis. Izv. AN Latv. SSR no. 1:59-66 '61.

Electrostatic channel for injecting an ion beam into a magnetic trap. V.A. Belisev, N.N. Brevnov. Atom. energ. 13 no. 6:581-583 D '62.

field. V.D. Shafranov. Atom. energ. 13 no. 6 521-529 D '62

Faraday effect in a high magnetic field in crystals near the fundamental absorption edge. I.I. Kovenia, F.S. Khaitonov. Fiz. tver. tela 4 no. 10:2813-2817 O '62

Outflow of a laminar jet of a conducting gas into a space surrounded by a magnetic field [with summary in English]. K.I. Strakhovich, IU.A. Sokovnikov. Inzh.-fiz. zhur. 5 no. 10 65-69 O '62

Relaxation of electron and ion temperatures of a totally ionized plasma in a high magnetic field [with summary in English]. V.P. Silin. Zhur. eksp. i teor. fiz. 43 no. 5:1843-1850 N '62.

Space distribution of the field in magnetic spectrometers and the form of pole tips [with summary in English] V.R. Saulit. Vest. LGU 17 no. 22 20-34 '62.

Study of the escape of charged particles from a plasma in a magnetic field [with summary in English]. E.I. Pashkevich, O.V. Kozak. Ukr. fiz. zhur. 7 no. 11 1165-1171 N '62

Study of the escape of plasma through the magnetic gap of traps with a field intensifying toward the periphery. L.I. Gorelik and others. Dokl. AN SSSR 147 no. 3: 576-579 N '62

Study of thin permalloy films in weak magnetic reversal fields. T.N. Nikitina. Vest. Mosk. un. Ser. 3 Fiz., astron. 17 no. 6, 59-62 N-D '62

MAGNETIC FIELDS—INDUSTRIAL APPLICATIONS

Gusev, N.N. [Use of a rotating magnetic field for the rotor drive in the cleaning, grinding, and polishing of internal pipe surfaces made of nonmagnetic materials] Primenenie vrashchaiushchegosia magnitnogo polia dlia privoda instrumenta pri ochistke, shlifovanii i polirovanii vnutrennei poverkhnosti trub iz nemagnitnykh materialov. Leningrad, 1962. 13 p. [Leningradskii dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia: Elektricheskie metody obrabotki materialov, no 6)

MAGNETIC MATERIALS

Experimental verification of Van Vleck's theory of the heat capacity of the spin system in paramagnetics. A.I. Sitnikov. Fiz. tver. tela 4 no 12:3540-3542 D '62

Thermodynamic theory of ferroelectromagnetics. A.I. Mitsek, G.A. Smolenskii. Fiz. tver. tela 4 no 12 3581-3582 D '62.

MAGNETIC PROSPECTING

Logachev, A.A. [Course in magnetic prospecting] Kurs magnitorazvedki. Izd. 2., ispr. i dop. Leningrad, Gostoptekhizdat, 1962. 360 p.

MAGNETIC RECORDERS AND RECORDING

System of magnetic recording of slowly changing geologic parameters. N.K. Vinnichenko, [illegible]. Trudy TSAO no. 42 144-154 '62.

Tape heads. A. Markolloy. Nauka i zhizn' 29 no. 10 106-107 O '62

MAGNETIC SEPARATION OF ORES

Magnetic screen for coal preparation. I. Rainovskii, S. Glushnev. Tekh. mol. 30 no. 10 [illegible] '62.

MAGNETIC STORMS

Effect of magnetic storms on cosmic ray intensity according to stratospheric measurements. III. G. Bazilevskaia, V.D. Sokolov. Trudy IAF AN SSSR. Ser. fiz. no. 4:130-141 '62.

Electromagnetic conditions near the earth during the period May 10-24, 1959. A.I. Kuzmin, G.V. Kartsev. Trudy IAF AN SSSR Ser. fiz. no. 4:117-121 '62

July 1959 according to data of comprehensive geophysical observations at Yakutsk. A.I. Kuzmin and others. Trudy IAF AN SSSR. Ser. fiz. no. 4:142-150 '62.

MAGNETIC TESTING

Foucault currents in the role of Sherlock Holmes. D. Sergeev. Izobr. i rats. no. 12:7-8 D '62.

The MD-11 magnetographic defectoscope. L. Gurin. Bezop. truda v prom. 6 no. 12:22-23 D '62

"No defects," says the automatic machine. I. Lifshits. IUn tekh. 7 no. 11:27-31 N '62.

MAGNETIC UNITS

Magnetic units in automation. G.V. Subbotina, M.A. Bolarchenkov. Vest. AN SSSR 32 no. 12:111-112 D '62.

MAGNETISM, TERRESTRIAL

Measuring the magnetic field in marine pendulum observations. V.A. Kuzivanov, A.G. Gainutdinov. Mat. grav. issl. no. 1:109-111 '61.

MAGNETISM, TERRESTRIAL—RESEARCH

During the sun calm. N.V. Shebalin. Ogonek 40 no. 40:10-11 S '62.

MAGNETITE see subdivision under Dnieper Valley, Krivoy Rog Basin

MAGNETIZATION

Variation of saturation magnetization of ferromagnetics at helium temperatures [with summary in English] N.V. Zavaritskii, V.A. TSarev. Zhur. eksp. i teor. fiz. 43 no. 5:1638-1643 N '62.

MAGNETOELECTRIC MACHINES

Electromagnetic system for feed water treatment. V. A. Vedernov. Energetik 10 no. 10:7-8 O '62.

Metal flows in pipes. I. Vents. Probl. tekh. no. 11, 6-8 N '62.

MAGNETOHYDRODYNAMICS

Flow of a conducting fluid in the entrance region of a flat pipe. S. A. Regirer. Izv. AN SSSR. Otd. tekh. nauk. Mekh. i mashinostr., no. 6:8-16 N-D '62.

Sovetskie lampy po issledovaniiu magnitnoi gidrodinamiki. Pt. 1. Riga, 1960. [Problems of magnetohydrodynamics and plasma dynamics, reports] Voprosy magnitnoi gidrodinamiki i dinamiki plazmy, doklady. Riga, Izd-vo Akad. nauk Latviiskoi SSR Vol. 2. 1961. 660 p.

Temperature boundary layer on a flat plate in uniform plane magnetohydrodynamic stream. V. N. Diomidov. Izv. AN SSSR. Otd. tekh. nauk. Mekh. i mashinostr., no. 6:3-5 N-D '62.

MAGNETOMETER

Measuring magnetic properties of rocks on an astatic magnetometer. I. A. Zolotarev, jr., I. Dmitriev. Trudy VNIIGRI no. 10:3-17 '62.

MAGNETOSTRICTION

Anisotropy of volume magnetostriction. I. N. Ivanov, V. M. Kalinin, V. V. Serikov. Izv. vuz. fiz. no. 4:67-71 '62.

Connection between magnetostriction curves with the domain structure of silicon iron crystals. V. A. Zaitseva, I. S. Shur. Izv. vuz. fiz. no. 4:105-107 '62.

MAGNETRONS

Kapitsa, P. L. [High power electrons] Elektronika bol'shikh moshchnostei. Moskva, Izd-vo Akad. nauk SSSR, 1962. 194 p.

MAGNETS

Superconducting magnets. R. I. Garfield, V. Arp. Usp. fiz. nauk 78 no. 4:685-690 D '62.

MAGNITOGORSK STEEL INDUSTRY. LABOR PRODUCTIVITY

Initiative practice of Magnitogorsk steelworkers. G. I. Shchukin. Stal' 22 no. 11:950-951 N '62.

MAGNITOGORSK, REGION. CONSTRUCTION INDUSTRY. LABOR PRODUCTIVITY

On reserves for increasing the efficiency of use of [Chelyabinsk] National Econ. Council. Biul. no. 23:25 Ag '62.

MAIAKOVSKII, VLADIMIR VLADIMIROVICH, 1894-1930

Belaiev, G. V. [Symmetalism] Vladimir Maiakovskii's school years] Shkol'nye gody; o detstve, bratstve gody Vladimira Maiakovskogo. Tiflis, Izd-vo Kolkha pisatelei imeni Sh. "Zaria Vostoka," 1962. 319 p.

Cheremin, G. N. [Early stage of Maiakovskii's career, the poet's road to the Great October Socialist Revolution] Ranniĭ Maiakovskiĭ, put' poeta k Oktiabriu. Moskva, Izd-vo Akad. nauk SSSR, 1962. 187 p.

MAIKOP REGION. NIVIAKH

Effect of sowing dates on spinach yields. [with summary in English] I. N. Ivanova. Trudy Lenin. Sel'khoz. in-ta 1 no. 34 no. 4:151-154 '61.

MAKAROV DISTRICT (KIEV PROVINCE). TOPIOR PEDIMENT. FERTILIZERS AND MANURES

Effect of boron fertilizers and liming on the yield of forage legumes. V. M. Peregudova. Visnyk sil'skogosp. nauky 5 no. 10:81-88 O '62.

MAKE-UP, THEATRICAL

Right to create. I. Shatskikh. Iskusstvo no. 11:148-150 N '62.

MAKING UP TRAINS. See Railroads. Making up trains.

MALBEC'CO DEPARTMENT OF CHUBUT. See subdivision under Georgia.

MALAGASY LITERATURE

"African and Malgache anthology." [In French] Compiled by Langston Hughes and Françoise Breyault. Reviewed by G. Kosokhina. Az. i Afr. sovr. no. 12:53 D '61.

MALAGASY REPUBLIC. SOCIAL CONDITIONS

"Prehistoric man I sculptures" [In German] By L. Koch-Isenburg. Reviewed by L. Kotovsky. Az. i Afr. sovr. no. 12:60-61 D '61.

MALDIVE ISLANDS--DESCRIPTION AND TRAVEL

In the capital of the Maldive Islands. I. Mutanov. Az. i Afr. sovr. no. 12:52-53 D '62.

MALEIC ACID

Effect of temperature on the "space" and "surface" polarographic kinetic currents restricted by the recombination rate of maleic acid monoanions. V. G. Mairanovskii, L. L. Ignatova. Izv. AN SSSR. Otd. khim. nauk no. 11:1944-1950 N '62.

A communist party of the Soviet Union and Soviet society. P. Pospelov. Sov. dept. trud. no. 1:78-79 D '62.

MALI. YOUTH

Youth of the Mali Republic. Istvan Radnai-Kiss. Mol. szerv. no. 5/6:17-19 '62.

MALIC ACID

Hydroxy acids of fusion. A. S. Sadykov, N. I. Gaer, U. D. Khim. nauk 6 no. 5:68-74 '62.

MALONIC ACID

Synthesis of ethyl β-carbalkoxyethyl ester of malonic acid. N. S. Vul'fson, V. I. Zavodskii, O. N. Domanina. Zhur. VKHO 7 no. 6:709 '62.

MALT

Effectiveness of complete mineral fertilizers for malting barley. O. M. Bondarenko. Visnyk sil'skogosp. nauky 5 no. 11:87-91 N '62.

MALTA. DESCRIPTION AND TRAVEL

Kaganda, V. D., and K. A. Petrovnokhtikov. [Malta in on the horizon, traveller's notes] Na gorizonte Mal'ta; putevye zametki. Moskva, Gos. izd-vo geogr. lit-ry, 1962. 20 p.

Radzyl'kyl, IA. B. Z podorozhi na Mal'tu, 1962 r. [From my Maltese diary, 1962. Munich ed.] Mikl. Ukr. T-va Z dorodonnykh studii [n. d.] 14 p.

MALYSHKO, ANDRII, 1912

Winged word of a poet. I. L. Miltodid. Ukr. inoven v obkoli 13 no. 6:14-21 N-D '62.

MAMMALS

First All-Union Conference on Mammals. M. D. Chaginov. Zool. zhur. 41 no. 10:1598-1600 O '62.

Sex ratio in the progeny of mammals and its dependence upon the living conditions of the organism. N. N. Kolesnikov. Uch. zap. Volg. gos. ped. inst. no. 13:59-70 '61.

MAMMALS. EMBRYOLOGY. See Embryology--Mammals.

MAMMALS. PARASITES. See Parasites--Mammals.

MAMMALS, FOSSIL. See subdivision under Akhalkalaki region.

MAN

Comprehensive study of man as an urgent problem of present-day science [with summary in English]. B. G. Ananiev. Vest. LGU 17 no. 23:5-43 '62.

MAN. RELUCTANCE OF CLIMATE

Arnol'di, I. A. [Acclimatization of man in the north and south] Akklimatizatsiia cheloveka na Severe i Juge. Moskva, Medgiz, 1962. 71 p. (Nauchno popularnaia meditsinskaia literatura)

MANGANESE

Effect of the vapor phase pressure on the manganese nitriding process [in Georgian with summary in English]. V. M. Beriashvili, I. P. Beriashvili. Trudy Inst. mat. AN Gruz. SSR 12:93-101 '62.

Electron paramagnetic resonance in superoxoiodo complexes containing Mn^{4+} and Co^{3+} ions. N. S. Garifianov, R. I. Ibragimov, N. V. Ikorskaya. Fiz. tver. tela 4 no. 11:3144-3145 N '62.

Nitriding of manganese. G. I. Petalin, M. S. Thachenko. Izv. vyss. ucheb. zav.; chern. met. no. 11:70-79 '62.

MANGANESE. ANALYSIS

Amperometric titration of manganese with permanganate in the presence of pyrophosphate [with summary in English]. O. A. Songina, M. B. Ivasheva, S. A. Rhodanovich. Zhur. anal. khim. 17 no. 6:666-671 N '62.

Determination of large amounts of manganese in steels by the differential photometry method [with summary in English]. V. F. Barkovskii, I. N. Viktorova. Zhur. anal. khim. 17 no. 7:865-867 O '62.

MANGANESE CHROMIUM IRON ALLOYS. See Iron-manganese-chromium alloys.

MANGANESE-CHROMIUM STEEL. See Chromium-manganese steel.

MANGANESE COMPOUNDS

Reaction of acetylacetonatobenzyl manganese tricarbonyl with a Grignard reagent and boron-F "complex." A. N. Nesmeianov and others. Izv. AN SSSR, Otd. khim. nauk no. 11:2072-2074 N '62.

MANGANESE-COPPER ALLOYS. See Copper-manganese alloys.

MANGANESE FERRATE CRYSTALS--ELECTRIC PROPERTIES

Effect of thermal treatment on the electric properties of manganese ferrate single crystals. K. Zavela, I. Ivitsina, O. Matkova. Fiz. tver. tela 4 no. 12:3503-3505 D '62.

tver. tela 4 no. 10:2839-2841 O '62.

MANGANESE ORES

(see also subdivision under Chiatura; Chiatura region, Donets Basin, Nikopol' region; Sikhote-Alin region, Ukraine)

Effect of manganese ore grain size on the sintering process and quality of the sinter. V. V. Petrova. Trudy Inst. mat. AN Gruz. SSR 12:5-11 '62.

MANGANESE PLATING

Action of some inorganic and addition agents of overvoltage for hydrogen liberation on manganese. I. V. Gennadi, V. V. Stender. Zhur. prikl. khim. 35 no. 11:2436-2440 N '62.

MANGANESE-SILICON ALLOYS

Investigating the electrophysical properties of alloys on a base of chromium and manganese semiconductor disilicides [with summary in English]. L. D. Dudkin, I. Kh. Avetisova. Porosh. met. 4 no. 6:30-31 N-D '62.

MANGANESE-SILICON-ALUMINUM ALLOYS. See Silicon-manganese-aluminum alloys.

MANGANESE STEELS--METALLOGRAPHY

Characteristics of the isothermal transformation of austenite in the intermediate range. D. IA. Vishnitskov, I. I. Lin-tsi-tsian' [Lei Ling-chi-chien]. Izv. vyss. ucheb. zav.; chern. met. 5 no. 11:161-169 '62.

MANGANESE STEELS. METALLURGY

Improving the quality of G13L steel. O. D. Mokhovskii, M. V. Kurochkin, V. P. Kulinich. I. R. proizv. no. 11:3-4 N '62.

MANGYSHLAK PENINSULA--GAS, NATURAL--GEOLOGY

Geology and oil potential of the Uzen'-Zhetybay tectonic bench based on exploratory drilling data. V. V. Kozmodem'ianskii. Geol. nefti i gaza 6 no. 11:6-11 N '62.

MANGYSHLAK PENINSULA--PETROLEUM GEOLOGY

Geology and oil potential of the Uzen'-Zhetybay tectonic bench based on exploratory drilling data. V. V. Kozmodem'ianskii. Geol. nefti i gaza 6 no. 11:6-11 N '62.

MANN, THOMAS, 1875-1955

Immortality of the folk legend. I. Golik. Vop. lit. 6 no. 11:166-170 N '62.

MANNANS

Localization of mannan of diphtheria bacteria in the bacterial cell [with summary in English]. O. I. Orlova. Mikrobiol. zhur. 24 no. 3:14-18 '62.

MANOMETER

Improving the performance of recording manometers. A. M. Kuchinin. Energetik 10 no. 10:11 O '62.

Operative roentgenomanometry of the biliary tract [with summary in English]. Iu. A. Chistiakov. Khirurgiia 38 no. 10:74-81 O '62.

Temperature error of float differential manometers and flowmeters. S. S. Kivilis, V. F. Oleynikov. Pribory i sistemy no. 11:5-6 N '62.

MANSLAUGHTER. See Homicide.

MANUFACTURES. ABSTRACTS

[Communal, household, and commercial equipment] Ref. zhur. Otd. vyp. 33: Kommun., byt. i torg. oborud. no. 24 D '62.

MAPLE. See subdivision under Carpathian Mountains; Zhiguli Mountains.

MAPS. TERMINOLOGY

Terminology in geodesy and cartography. Geod. i kart. no. 10:74-75 O '62.

MARKETS--FINANCE

Banks for success. A. Matthiesen. Fin. SSSR 24 no. 11:79-[illegible]

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Searching for ways to extend the useful life of a marine diesel engine fuel feeding equipment. G. Shchukin, V. Amburenko. Mor. flot 22 no. 12;33-35 D '62

Selection of main diesel engine fuel pumps for icebreakers with electric transmission to the propellers. M. K. Ovsiannikov. Sudostroenie 28 no. 11 :33-35 N '62

MARINE ENGINEERING

Marine electric discharge pumps. IU. N. Tolstiakov, A. F. Sviridov, E. IA. Kortsenshtein. Sudostroenie 28 no. 11 23-27 N '62.

New principles of control and standardization of ship power plant operations. V. Lysenko. Mor. flot 22 no. 9 31-32 S '62

MARINE ENGINEERING—BIBLIOGRAPHY see Bibliography—Marine engineering

MARINE ENGINES

Design characteristics of certain engine parts on the motorship "Admiral Ushakov." Mor. flot 22 no. 11 28-30 N '62

Khandov, Z. A. [Marine internal combustion engines; theory] Sudovye dvigateli vnutrennego sgoraniia (teoriia). Leningrad, Izd-vo "Rechnoi transport," 1962. 452 p.

Remote control of main engines with 12,000 hp (from "Motorship"). T. Renskaia. Mor. flot 22 no. 9 43-44 S '62

MARINE ENGINES—BIBLIOGRAPHY see Bibliography—Marine engines

MARINE ENGINES—MAINTENANCE AND REPAIR

Reconditioning machine parts by build-up welding. Sh. Shleimovich. Rech. transp. 21 no. 12, 27-28 D '62.

MARINE ENGINES—TESTING

Engines should be tested during overloading. K. Diabkin. Mor. flot 22 no. 9 30-31 S '62

MARINE FAUNA
(see also subdivision under Peter the Great Bay)

Compressibility of marine organisms [with summary in English]. L. P. Lebedeva. Trudy Inst. okean. 58:322-327 '62.

MARINE FOULING see subdivision under Black Sea

MARITIME CONTRACTS see Contracts, Maritime

MARITIME LAW

"International maritime law" by L. A. Ivanashchenko. Reviewed by B. Dudenevskii, A. Kolodkin. Mor. flot 22 no. 9 45-46 S '62

Responsibility of parties for the nonfulfillment of sea transportation plans and contracts. A. Kordon. Mor. flot 22 no. 9:18-21 S '62

MARITIME METEOROLOGY see Meteorology, Maritime

MARITIME TERRITORY—ANTIQUITIES

Work of the inshore detachment of the Far Eastern Expedition in the Maritime Territory in 1959. G. I. Andreev, Zb. V. Andreeva. Krat. soob. Inst. arkheol. no. 88:93-101 '62.

MARITIME TERRITORY—GEOLOGY

Results of geological studies of the Maritime Territory carried out during the forty years of the Soviet regime. I. I. Berseney. Sov. geol. 5 no. 11:6-14 N '62.

MARITIME TERRITORY—GEOLOGY, STRUCTURAL

Tectonics of the Maritime Territory. S. A. Salun. Biul. MOIP, Otd. geol. 37 no. 5:165-166 S-O '62.

MARITIME TERRITORY—PLANT QUARANTINE

Twenty years of plant quarantine inspection in the Maritime Territory. S. Taranenko. Zashch. rast. ot vred i bol. 5 no. 2:51-52 F '60

MARITIME TERRITORY—RE[illegible]FORESTATION

e Maritime
oz. 15 no. 10, 31-33

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I. V. Salanin. Teor.
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es—Marmots

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, Feder. 6 no. 11.

subdivision under

MARROW

Indices of normal peripheral blood and bone marrow in the Macaca rhesus monkeys [with summary in English]. I. N. Usacheva, N. V. Raeva. Biul. eksp. biol. i med. 54 no. 11:106-108 N '62.

MARROW—DISEASES

Myelolional correlations in physiological and pathological conditions. Report No. 1: The therapeutic use of diathermy of the spleen in injuries to the bone marrow by ionizing radiations and benzene; experimental studies and clinical observations. L. I. Geller. Probl. gemat. i perel. krovi no. 9:17-23 '62.

MARTENSITE

Submicrostructure and habitus of martensite. V. I. Arkharov. Fiz. met. i metalloved. 14 no. 5:701-714 N '62.

MARTI, JOSE, 1853-1895

"Sociopolitical and philosophical views of Jose Marti" by Aleh Tserasy. Reviewed by S. Ratan. Belarus' 10 no. 12:30 D '62.

MARTITE see subdivision under Dnieper Valley; Krivoy Rog Basin

MARTUNI DISTRICT (NAGORNO-KARABAKH AUTONOMOUS PROVINCE)—GRAPES—VARIETIES

Agrobiologic studies on basic grape varieties in Martuni District. N. I. Agaeva. Trudy Azerb. nauch.-issl. inst. sad., vin. i subtrop. kul't. no. 5:103-105 '62.

MARX, KARL, 1818-1883

The first legal publication of the "Manifesto of the Communist Party" in Russia. P. M. Shmorhun. Ukr. ist. zhur. 6 no. 6:105-106 N-D '62.

K. Marx and F. Engels on the Polish national liberation movement [in Georgian with summary in Russian]. A. Bakhtadze. Trudy Tbil. GU 87:103-115 '60

"Karl Marx and Friedrich Engels, their lives and works" by O. Cornu. Vol. 2 (1844-1845). Translated from the German. Reviewed by A. P. Petrashik. Vop. filos. 16 no. 11 174-178 '62.

Marx, Karl, and Friedrich Engels. [Works] Sochineniia. Izd. 2. Moskva, Gospolitizdat.
Vol. 22. 1962. 804 p.

The problem of K. Marx's break with Hyndman [with summary in English, p. 210]. V. E. Kunina. Vop. ist. no. 12 80-87 D '62.

MARY PROVINCE—SOVIETS

Grave shortcomings in mass-organizational work. Sov. deput. trud. no. 11:66-67 N '62.

MASALLY DISTRICT—AGRICULTURE—ECONOMIC ASPECTS

[The people of Masally District keep their word; work practices of the workers of collective farms in Masally District in the fulfillment of socialist obligations assumed in honor of the 22d Congress of the CPSU] Masallinsy derzhat slovo; ob opyte raboty truzhenikov kolkhozov Masallinskogo raiona po vypolneniiu sotsialisticheskikh obiazatel'stv, prinialykh v chest' XXII s"ezda KPSS. Baku, Azerbaidzhanskoe gos. izd-vo, 1961. 44 p.

MASERS

Cosmic projector. Mezhdunar. zhizn' 10 no. 1:181-182 Ja '63.

Effect of the reabsorption of radiation on the operation of quantum amplifiers and generators. N. G. Preobrazhenskii. Izv. vys. ucheb. zav.; fiz. no. 5:177-178 '62

On the theory of quantum generators [with summary in English]. T. I. Kuznetsova, S. G. Rautian. Zhur. eksp. i teor. fiz. 43 no. 5:1897-1903 N '62.

Radiation reaction in the case of media with negative absorption [with summary in English]. V. L. Ginzburg, V. IA. Eidman. Zhur. eksp. i teor. fiz. 43 no. 5:1865-1871 N '62

MASHARA, MIKHAS', 1902-

"The country of many lakes"; verse by Mikhas' Mashara. Reviewed by Ul. Boika. Belarus' 19 no. 11:26 N '62.

MASONRY

Durability and deformability of a single-layer masonry of tuff stones with regular shape. L. V. Shakhsuvarian. Zh. V. Zakharian. Izv. AN Arm. SSR. Ser. tekh. nauk 15 no. 5:67-76 '62.

Iefchenko, I. I. [Masonry] Kamennye raboty. Moskva, Profizdat, 1962. 374 p.

MASS SPECTROMETRY

Mass spectra of molecules and radiation chemistry. N. N. Tunitskii, S. E. Kuprianov, A. A. Perov. Izv. AN SSSR. Otd. khim. nauk no. 11:1945-1953 N '62.

Omegatron-type mass spectrometer. A. F. Chizhov. Trudy TSAO no. 42:30-52 '62.

Rocket-mounted mass spectrometers. G. M. Martynkevich. Trudy TSAO no. 42 20-38 '62.

Some preliminary results for developing the methodology for using an omegatron-type mass spectrometer in a quantitative determination of the composition of a gas mixture. A. F. Chizhov. Trudy TSAO no. 42, 75-83 '62.

some processes taking place in a mass spectrometer. A. I. Repnev, A. F. Chizhov. Trudy TSAO no. 42 [illegible] '62.

MASS SPECTROMETRY—ELECTRIC EQUIPMENT

Wobble-frequency generator. A. S. Orekova. Trudy TSAO no. 42 84-91 '62.

MASS SPECTROMETRY—EQUIPMENT AND SUPPLIES

Pumping system for mass spectrometric analysis of the atmosphere. O. K. Kostko, A. V. Lodyginskii. Trudy TSAO no. 42 95-100 '62

MASS TRANSFER

Diffusion and electric transport of thallium in tellurium. N. I. Bragimov, M. G. Shakhtakhtinskii, A. A. Kuliev. Fiz. tver. tela 4 no. 11:3321-3325 N '62

Electric transfer of antimony in aluminum [with abstract in English]. P. P. Kuz'menko, V. S. Koval'chuk. Inzh.-fiz. zhur. 7 no. 12:1350-1354 D '62.

Heat and mass transfer between a gas and single grains [with summary in English]. I. S. Slobodkin. Inzh.-fiz. zhur. 5 no. 10 26-31 O '62

Heat and mass transfer from differently shaped bodies to stationary and pulsating air flows [with summary in English]. V. F. Minonov. Inzh.-fiz. zhur. 5 no. 10 9-12 O '62.

Khmelnik, K. D., and N. N. Dudkin. [Heat and mass exchange in the exterior elements of apartment buildings] Teplomassoobmen v ograzhdaiushchikh konstruktsiiakh zhilykh zdanii. Pod red. B. N. Lobareva. Kiev, Gosstroiizdat, 1962. 93 p.

Kinetic theory of semiconductors with low mobility [with summary in English]. I. G. Lang, IU. A. Firsov. Zhur. eksp. i teor. fiz. 43 no. 5:1843-1860 N '62.

Mass transfer and structure-forming processes in the polymer-homologous series of polyacrylic acid and fractionated gelatin [with summary in English]. V. A. Kargin and others. Vysokom. soed. 4 no. 12 1881-1886 D '62

Mass transfer on valve and ballast plates. Iu. I. Leytenskii, A. G. Kasatkin, N. V. Kocherigin. Zhur. prikl. khim. 35 no. 10:2247-2251 O '62.

One-dimensional problem of unsteady convective diffusion [with summary in English]. V. V. Dil'man. Inzh.-fiz. zhur. 5 no. 10-36-38 O '62.

Theory of transfer phenomena in semiconductors of low mobility, characteristics of the energy spectrum of systems. M. I. Klinger. Fiz. tver. tela 4 no. 11 3081-3085 N '62

Theory of transfer phenomena in semiconductors of low mobility; general approach to the theory of transfer processes, and its criteria. M. I. Klinger. Fiz. tver. tela 4 no. 11:3086-3104 N '62.

MASS TRANSFER—BIBLIOGRAPHY see Bibliography—Mass transfer

MATERIA MEDICA, VEGETABLE

Dependence of the antibacterial properties of [illegible] on the time of harvesting of immortelle and on other factors [with summary in English]. O. IA. Gaponova, N. O. Mostovova. Mikrobiol. zhur. 24 no. 3 [illegible] '62

MATERIALISM

Connection between the teaching of astronomy and the study of dialectical materialism in a course in the fundamentals of political science. P. P. Levitan. Fiz. v shkole 22 no. 5:19-22 S-O '62.

M. F. Akhundov's views on materialism. A. G. Mamedaliyskii. Izv. AN Azerb. SSR. Ser. obshchestv. nauk no. 1, 37-45 '62

MATERIALS

Increasing control over the use of materials in production. V. Pankratov. Bukhg. uchet 18 no. 11:[illegible] '62.

MATERIALS, EFFECT OF RADIATION ON

Effect of ionizing radiations on the fibers of wood cellulose. F. I. Korchemkin, IU. M. Malinskii, G. V. Sukhov. Trudy LTA no. 91:101-104 '60

Ions tell about the "health" of alloys. A. Makovetskii. Izobr. i rats. no. 11:12 N '62.

Photomechanical effect in antimony. P. P. Kuz'menko, V. N. Novikov, N. IA. Gorid'ko. Fiz. tver. tela 4 no. 10 2855-2859 O '62.

MATERIALS, EFFECT OF RADIATION ON—CONFERENCES

Conference on the Effect of Radiation on Materials. N. F. Pravdiuk, IU. N. Pokrovskii, P. A. Platonov. Atom. energ. 13 no. 6 608-609 D '62

MATERIALS AT HIGH TEMPERATURES

Effect of the electromagnetic field of high-frequency currents on paper. T. A. Pravilova, N. IA. Bolotina, G. N. Khodarinova. Trudy LTA no. 91:145-153 '60.

Formation of recombination centers in silicon in fast thermal hardening. IU. R. Nosov, L. T. Ramus. Fiz. tver. tela 4 no. 12:3063-3065 D '62.

MATCH INDUSTRY—EQUIPMENT AND SUPPLIES see subdivision under United States

Gutер, R. S., and B. V. Ovchinkii. [Elements of numerical analysis and mathematical processing of experimental results] Elementy chislennogo analiza i matematicheskoi obrabotki rezul'tatov opyta. Moskva, Fizmatgiz, 1962. 364 p.

MATHEMATICAL CRYSTALLOGRAPHY see Crystallography, Mathematical

MATHEMATICAL LINGUISTICS

Automata and events [with summary in English] V. G. Bodnarchuk. Dkr. mat. zhur. 14 no. 4 591 601 962

Mathematics and language. III. I. Lewin. Mat. v shkole no. 5:8-11 S-O 962.

MATHEMATICAL PHYSICS

Kirchhoff, G. R. [Mechanics, lectures on mathematical physics] Mekhanika, lektsii po matematicheskoi fizike. Moskva, I. d-vo Akad. nauk SSSR, 1962. 404 p.

MATHEMATICAL SOCIETIES see subdivision under Moscow

MATHEMATICAL STATISTICS

Gutер, R. S., and B. V. Ovchinskii. [Elements of numerical analysis and mathematical processing of experimental results] Elementy chislennogo analiza i matematicheskoi obrabotki rezul'tatov opyta. Moskva, Fizmatgiz, 1962. 364 p.

Mathematical explanation of communications, based on the materials of inland water transportation [with summary in English]. A. A. Petrov. Vest. LGU 17 no. 2:111-116 962.

Sokolov, S. N., and K. D. Tolstov. [Verification of counting efficiency and estimating the true number of events] Kontrol' effektivnosti nublyudenii i otsenka istinnogo chisla sobytii. Dubna, Ob"yedinennyi in-t iadernykh issledovanii, 1962. 10 p. [With summary in English]

The theory of series. V. V. Makarov. Trudy IAI AN [illegible] no. 4:197 962.

MATHEMATICAL STATISTICS CONGRESSES

Vsesoiuznoe soveshchanie po teorii veroiatnostei i matematicheskoi statistike i kollokvium po rangovoi otdelitsiam v beskonechnomernykh prostranstvakh. 6th, Vilnius, Palanga, 1960. [Transactions of the Sixth Conference on Probability Theory and Mathematical Statistics and of the Colloquy on Distributions in Infinite Dimensional Spaces] Trudy. Vil'nius, Gos. izd-vo polit. i nauch. lit-ry Litovskoi SSR, 1962. 493 p.

MATHEMATICIANS

Mathematical calendar for 1962-1963. Mat. v shkole no. 5:86-90 S-O 962.

MATHEMATICS

List of mathematical theses presented in 1961. 15 p. mat. i mek. 17 no. 5 201 210 S-O 962.

Moscow. Institut inzhenerov zemleustroistva. Kafedra vysshei matematiki. [Problems of elementary mathematics essential for the study of geodesy] Voprosy elementarnoi matematiki neobkhodimoi pri izuchenii geodezii. Red. V. N. Gubina, A. M. Ivashkin, P. L. Khokhlov. Red. izd. A. K. Ushpenskogo. Moskva, Izd-vo geodez. lit-ry, 1962. 87 p.

[MIKHLIN, S. G.]

Mikhlin, S. G. [Collected works] Sobranie sochinenii. Moskva, Izd-vo Akad. nauk SSSR,
Vol. 2. 1962. 708 p.

MATHEMATICS - ABSTRACTS

[Mathematics] Ref. zhur. Mat. 1962 no. 6, 12 Ag, 0 962.

MATHEMATICS BIBLIOGRAPHY see Bibliography, Mathematics

MATHEMATICS CONGRESSES

Third conference of the departments of mathematics of the Volga Valley pedagogical institutes. M. S. Nikolskii. Mat. v shkole no. 5:94 S-O 962.

MATHEMATICS - CORDOBA AND MADHLANY

Mathematics for everybody. G. Bukhanov. Tekh. mol. 31 no. 10:14 962.

MATHEMATICS PROBLEMS, EXERCISES, ETC.

Elementary mathematical quiz. V. N. Gusyatinskii, A. N. Pryanishnikov. Mat. v shkole no. 5:86-74 S-O 962.
Simple problems from competitive examinations. Reshenie i otvety 30 no. 10:110 112 O 962

Solving the problems published in no. 8 of the periodical for 1961. List of solutions. Mat. v shkole no. 5:80-81 S-O 962.

MATHEMATICS - STUDY AND TEACHING
(see also subdivision under Kiruvegrad Province)

Atlidov, [illegible] Ya. [illegible] N. [illegible] N. row, Inspektor [illegible] [illegible] [illegible]

Automatic spreading of cattle carcasses P Kucherenko Miasn ind SSSR 33 no 5 50 '62

Improved bow of the "Minsk-60" electric saw N Tsvetkov Miasn ind SSSR 33 no 5 51 '62

Use of the F-4004 electric loader in the sausage plant F Vasiuta Miasn ind SSSR 33 no 5 51 '62.

MECHANICAL BRAINS see Cybernetics

MECHANICAL DRAWING

Issue of drawings with standards for the machinery industry. M.A.Belotserkovskii Standartizatsiia 26 no.11 55 N '62.

Marking allowances on drawings. M.A.Baranovskii. Standartizatsiia 26 no.12;51-52 D '62

Marking dimensions and symbols of surface smoothness. M.A Baranovskii. Standartizatsiia 26 no 11;57-58 N '62.

Mikhailova, V. I., and Z. I. Zhurbina, [Reading of mechanical drawings] Chtenie chertezhei v mashinostroenii. Moskva, Profitekhizdat, 1962, 215 p. (Biblioteka molodogo rabochego)

MECHANICAL DRAWING—STANDARDS

Violation of standards in a manual with collected drawing exercises. I.G.Kharazashvili. Standartizatsiia 26 no 12 49 D '62.

MECHANICAL DRAWING—STUDY AND TEACHING

Studying the perception of machine-part drawings by students in school workshops. Report No. 1. Experiment in the fifth grade V.I.Kachnev. Dokl APN 6 no.1 11-14 '62

MECHANICAL ENGINEERING
(see also subdivision under Armenia)

The dynamics of poles with rigid shafts. E. N. Selezneva. Mat. po met konstr. no.6:112-166 '62.

IAkovlev, K P , ed [Concise physical and technological handbook] Kratkii fiziko-tekhnicheskii spravochnik. Moskva, Fizmatgiz
Vol 2 [General mechanics, strength of materials theory of mechanisms and machinery] Obshchaia mekhanika, soprotivlenie materialov, teoriia mekhanizmov i mashin 1962 417 p.

MECHANICAL ENGINEERING—BIBLIOGRAPHY see Bibliography—Mechanical engineering

MECHANICAL ENGINEERING—STUDY AND TEACHING

Bespal'tsev, I I, [Systematic textbook on the theory of mechanisms and machinery] Uchebno-metodicheskoe posobie po teorii mekhanizmov i mashin Moskva, Vsee sel'khoz. in-t zaochnogo obrazovaniia, 1961, 101 p

MECHANICAL MOVEMENTS

Precision of mechanisms with flexible winding links. V.I.Sergeev. Izv AN SSSR. Otd.tekh.nauk. Mekh.i mashinostr., no 6:135-138 N-D '62.

Relationship between the strength calculation and the determination of losses caused by friction in a mechanism combining a differential with noncircular wheels N.S IAblonskii. Trudy LPI no. 219;20-27 '62.

MECHANICAL WEAR

Combined cavitation and abrasive wear of metals. S.P. Kozyrev, M M.Khrushchov. Izv.AN SSSR.Otd.tekh. nauk.Mekh.i mashinostr. no.6:78-82 N-D '62.

MECHANICAL WEAR—TESTING

Soveshchanie po metodam ispytaniia na iznashivanie, Moscow, 1960. [Methods for wear testing] Metody ispytaniia na iznashivanie; trudy. Moskva, Izd-vo Akad. nauk SSSR, 1962, 237 p.
[MICROFILM]

MECHANICS

Feodos'ev, V. I., ed. [Some problems in mechanics] Nekotorye voprosy mekhaniki; sbornik statei. Moskva, Oborongiz, 1962. 203 p.

Goretik, G. S., and A. G. Liubina. [Inertial and noninertial recording systems in mechanics] Inertsial'nye i neinertsial'nye sistemy otcheta v mekhanike, uchebnoe posobie dlia studentov. Gor'kii, Gor'kovskii gos. univ., im. N.I. Lobachevskogo, 1962. 46 p.
[MICROFILM]

IAkovlev, K. P , ed [Concise physical and technological handbook] Kratkii fiziko-tekhnicheskii spravochnik. Moskva, Fizmatgiz.
Vol 2. [General mechanics, strength of materials, theory of mechanisms and machinery] Obshchaia mekhanika, soprotivlenie materialov, teoriia mekhanizmov i mashin 1962. 417 p.

Kirchhoff, G.R. [Mechanics; lectures on mathematical physics] Mekhanika; lektsii po matematicheskoi fizike. Moskva, Izd-vo Akad. nauk SSSR, 1962. 401 p.

[Mechanics; translations of foreign articles] Mekhanika; period. sbor, perev. inostr. st. 13 no. 6 '62.

Nekrasov, A. I. [Collected works] Sobranie sochinenii. Moskva, Izd-vo Akad. nauk SSSR,
Vol. 2. 1962. 706 p.

mechanical analogies

MECHANICS, ANALYTIC

Geometrization of mechanical systems with rheonomic nonlinear nonholonomic constraints. A V. Gokhman Izv. vys. ucheb. zav. ;mat. no 6:31-41 '62

MEDIASTINUM—BLOOD SUPPLY

Compensatory role of the arteries of the mediastinum [with summary in English]. O G Goncharov. Vest. khir 89 no. 9 35-40 S '62

MEDIASTINUM—TUMORS

Case of neurogenic tumor of the mediastinum in an infant A G Cherepanova, G IA Remkhe Zdrav Kazakh 22 no 3 61-63 '62

MEDICAL ASSISTANCE, RUSSIAN see subdivision under Mongolia

MEDICAL CARE
(see also subdivision under Khanty-Mansiyak National Area)

Medical care at home. M.I Asnes. Sov. zdrav 21 no. 12 3-6 '62.

Organizing differential service for the population. U. U. Parfent'ev. Zdrav. Ros. Feder. 6 no. 11 18-22 N '62.

MEDICAL CLIMATOLOGY see Climatology, Medical

MEDICAL COLLEGES see subdivision under Kiev

MEDICAL DELUSIONS
(see also subdivision under Glukhovtsy)

Facts reveal. Nauka i rel. 4 no. 12;44 D '62.

MEDICAL GEOGRAPHY

Shoghin, A. A. [Principles of medical geography] Osnovy meditsinskoi geografii. Moskva, Izd-vo. Akad. nauk SSSR, 1962. 146 p. (Geograficheskoe obshchestvo SSSR. Zapiski, Novaia seriia, vol 22)

MEDICAL GYMNASTICS see Exercise therapy

MEDICAL INSTRUMENTS AND APPARATUS

Program-controlled automatic electroplating unit. I. A. Semenova. Med. prom. 16 no. 6;41-44 Je '62.

Sheet-metal working of Kh18G14AN4 stainless steel medical equipment parts. S. Z. Gol'berg, E. L. Vainer. Kuz. -shtam. proizv. 4 no 10;32-36 O '62

MEDICAL INSTRUMENTS AND APPARATUS—EXHIBITIONS

International exhibition of medical apparatus, laboratory equipment, therapeutic preparations, and medical literature. V. Shikov. Radio no. 11:63-64 N '62.

MEDICAL JURISPRUDENCE

Echinococcosis in forensic medicine. D. Teodorescu. Khirurgiia 38 no. 10 100-103 O '62.

MEDICAL LIBRARIES

Resources of the State Central Scientific Medical Library - in the service of protecting the health of workers in the Uzbek Republic N T Kovalenko Med zhur Uzb no 3 73-74 Mr '62

MEDICAL MUSEUMS

Military medical museum and its role in the training and improvement of medical personnel. V. I. Shestov. Sov. zdrav. 21 no. 12 68-70 '62

MEDICAL PERSONNEL

Legal consultation. A. V. Rott. Vrach. delo no. 12:141-142 D '62.

Military medical museum and its role in the training and improvement of medical personnel. V. I. Shestov. Sov. zdrav. 21 no. 12. 68-70 '62.

MEDICAL SOCIETIES see subdivision under Turkestan

MEDICAL STATISTICS

Socioeconomic evaluation of the statistical surveys of public health by the agencies of the Russian Zemstvo, from 1870 to 1900 [with summary in English]. E. I. Viatkina. Vest. LGU 17 no. 23;20-34 '62.

MEDICAL TESTS

Study of gastric juice acidity without catheters by a modified desmoid test. IA. S TSimmerman and others. Lab. delo 8 no. 5, 21-24 My '62.

MEDICATED BATHS see Baths, Medicated

MEDICINE

A. I. Gertsen and the problems of medical science; on the 150th anniversary of his birth. P. E. Zabludovskii. Klin. med. 40 no. 10 138-141 O '62.

Glaser, Hugo. [Basic traits of contemporary medicine. Translated from the German] Osnovnye cherty sovremennoi meditsiny. 2. izd. Moskva, Medgiz, 1962, 159 p.

Historical problems in medical journals; a survey of the first half of 1962. V. I. Maevskii. Sov. zdrav. 21 no. 12;78-80 '62.

lecture" by M. K. Kuz'min. Reviewed by N. S. Danova. Klin. med 40 no. 10;149-150 O '62.

Significant and anniversary dates in the history of medicine for 1963: March Sov. zdrav. 21 no 12 73-74 '62.

Unpublished note of S. P. Botkin on the organization of hospitals and increasing the period of higher medical education. A. M. Grachevich. Klin. med. 40 no. 10 142-145 O '62.

MEDICINE—ABSTRACTS

[Medical abstracts] Med. ref. zhur. sect. 1 vol. 6 no 12 D '62, vol. 7 no. 1 Ja '63, Sect 2 vol. 6 no 12 D '62 Sect 3 vol. 7 no 1 Ja '63, Sect 4 vol 6 no 12 D '62; vol. 7 no. 1 Ja '63 Sect 5 vol. 6 no 12 D '62. Sect. 6 vol 6 no. 12 D '62, vol. 7 no. 1 Ja '63 Sect 7 vol. 6 no. 12 D '63, vol. 7 no. 1 Ja '63 Sect 8 vol. 6 no. 12 D '62 Sect 9 vol. 6 no. 12 D '62 Sect 10 vol. 6 no. 12 D '62

MEDICINE—BIBLIOGRAPHY see Bibliography—Medicine

MEDICINE—DICTIONARIES

[Large medical encyclopedia] Bol'shaia meditsinskaia entsiklopediia. Glav. red. A. N. Bakulev. Moskva, Gos. nauchn. izd-vo "Sovetskaia entsiklopediia"
Vol. 27. Profilaktika - Reverdon Izd 2 1962. 1224 columns.
———[List of articles and terms for the letters "P" and "R"] Perechen' statei i terminov na bukvy "P," "R" (dvadtsat' sed'moi tom) 4 p.
———[Phonorecord appended to the article "Heart defects" (Combined heart defects)] Gramofonnaia plastinka k state "Poroki serdtsa" (Kombinirovannye poroki serdtsa)
Vol 28. Revmatizm - Rumyniia Izd. 2 1962. 1248 columns.
———[List of articles and terms for the letter "R"] Perechen' statei i terminov na bukvu "R" (dvadtsat' vos'moi tom) 4 p.
———[Phonorecord appended to the article "Psychogenia."] Gramofonnaia plastinka k state "Psikhogenii" (psikhogennye psikhozy)

MEDICINE—INTERNATIONAL COOPERATION

Letters to the editors. S. I. Shavtsov. Klin. med. 40 no. 10 146-148 O '62.

MEDICINE—PHILOSOPHY

Medical problems in the works of Hegel. T. A. Mikhailovskaia. Sov. zdrav. 21 no. 12, 25-31 '62

MEDICINE, EXPERIMENTAL—BIBLIOGRAPHY see Bibliography—Medicine, Experimental

MEDICINE, GREEK AND ROMAN

Serenus Sammonicus, Quintus. [Liber medicinalis, praecepta saluberrima] Meditsinskaia kniga; tselebnye predpisaniia. Vstup. stat'ia, perevod i kommentarii IU. F. Shul'tsa. Moskva, Medgiz, 1961. 209 p [Parallel texts in Latin and Russian]

MEDICINE, INDUSTRIAL
(see also subdivision under Ural Mountain region)

In the quiet of an examining room. IU. Nikitin. Sov. zdrav 23 no. 11;04-05 N '62

MEDICINE, INDUSTRIAL—STUDY AND TEACHING see subdivision under Kemerovo Province

MEDICINE, INTERNAL

Clinical pathology of the internal organs in burn-sick cases [with summary in English]. L. M. Klinchkin. Klin. med. 40 no. 10;26-33 O '62.

Gukasian, A. G. [Internal diseases] Vnutrennie bolezni. Izd. 4., ispr. i dop. Moskva, Medgiz, 1962. 450 p. (DNLM)

MEDICINE, PSYCHOSOMATIC

Theory of neuroses in the light of clinical physiological data. V. G. Vogralik. Klin. med. no. 9 10-16 '62.

MEDICINE, RURAL see subdivision under Bombay District

MEDICINE IN SPORTS see Sports Medicine

MEDULLA OBLONGATA—DISEASES

Case of prolonged controlled respiration using the IVL-2 apparatus. O. R. Maslov, L. N. Hormotova. Klin. med. no. 9;139-140 '62.

MEDVEDITSA (VOLGOGRAD PROVINCE)—GEOLOGY, STRUCTURAL

Formation of local uplifts in the zone of Donets basin dislocations. IA. Sh. Shafiro, V. N. Khlystova. Biul. MOIP. Otd. geol. 37 no. 5;111-131 S-O '62.

MEIERKHOL'D, VSEVOLOD EMIL'EVICH, 1874-1942

Stanislavskii telephones Meierkhol'd. I. Chernetskaia. Teatr 23 no. 12;129-130 D '62.

MELEZH, IVAN, 1921-
"The people of swampland"; a novel by Ivan Melezh. Reviewed by A. Makarevich. Belarus' 10 no.12 29 D '62.

MELISSA
Garden balm. A.A.Vinzov. Priroda 51 no.12:111 D '62.

MELITOPOL'—CLOTHING INDUSTRY—WAGES
Our wage practices. K.V.Olfman. Shvein.prom. no 6: 8-10 N-D '62.

MELITOPOL' REGION—AGRICULTURAL ADMINISTRATION
Study and introduction of progressive practice is a duty of every leader. N.Vlasov. Part.zhizn' no.24:26-31 D '62.

MELTING POINTS
Device for the automatic control of the melting point of petroleum products in a technological stream. V.N.Gerzhevan-Latt. Khim.i tekh.topl.i masel 7 no.11 57-60 N '62.

MEMBRANES (CHEMISTRY)
Preparation and properties of sulfonic acid homogeneous membranes. A.A.Vasil'ev, M.B.Gershman, T.A. Vasil'eva. Zhur.prikl.khim. 35 no.10:2258-2261 O '62

MEMEL—POLITICS AND GOVERNMENT
The "low-cringering" municipal officials of Klaypeda. B.Vorob'ev. Sov.deputy.trud. no.11:80-81 N '62

MENINGITIS
Use of tetracyclines in suppurative meningitis. V.I. Pokrovskii, V.P.Sobolev. Klin.med. no.9 46-51 '62.

MEN'SHOV, DMITRII EVGEN'EVICH, 1892-
Dimitrii Evgen'evich Men'shov, on his 70th birthday. P.S.Aleksandrov, P.L.Ul'ianov. Usp.mat.nauk 17 no.5 161-175 S-O '62.

MENSTRUATION
Pulse, arterial pressure and breathing of sportswomen during different stages of the ovarian-menstrual cycle. O.D.Zhovnovataia. Teor.i prak.fiz.kult. 25 no.9: 29-32 S '62.

MENSURATION
Instruments for measuring temperature fluctuations and wind velocities, and instruments for the statistical analysis of measurements. V.M.Bovsheverov and others. Trudy Inst.fiz.atm. no.4:21-29 '62.

MENTAL DEFICIENCY
Characterization of the compensation for mental activity deficiencies in cerebral atherosclerosis. B.V.Zeigarnik. Trudy Gos.nauch.-issl.inst.psikh. 25:255-281 '61.

MENTAL EXHAUSTION see Fatigue, Mental

MENTAL HYGIENE
Alekseev, A.V. [Disposition and health] Nastroenie i zdorov'e. Moskva, Izd-vo "Znanie," 1962 40 p. (Novoe v zhizni, nauke, tekhnike. VIII Serita: Biologiia i meditsina, no.20)

MENTAL ILLNESS
Biochemical changes in vascular diseases of the brain with mental disorders during the period of treatment. V.M.Banshchikov, L.I.Lando, IU.L.Zakhar'in. Trudy Gos.nauch.-issl.inst.psikh. 20:205-217 '61.

Cerebral circulatory insufficiency in the pathogenesis of nervous and mental disorders in vascular diseases of the brain. N.K.Bogolepov, L.O.Badalian. Trudy Gos.nauch.-issl.inst.psikh. 25:620-630 '61.

Changes in the permeability of the vascular wall in cerebrovascular diseases accompanied by mental disorders. V.V.Zakharova. Trudy Gos.nauch.-issl.psikhonevr. inst. 20,127-161 '62.

Characteristics of the clinical aspects and course of hypotension with mental disorders. A.P.Aleksandrova. Trudy Gos.nauch.-issl.inst.psikh. 25:407-421 '61.

Characteristics of the mental disorders in cerebral atherosclerosis in combination with alcoholism. G.M. Entin. Trudy Gos.nauch.-issl.inst.psikh. 25:47-74 '61.

Clinical statistical analysis of autopsy material in cerebral arteriosclerosis with mental disorders. IU.E. Rakhal'skii. Trudy Gos.nauch.-issl.inst.psikh. 25: 315-326 '61.

Correlation of arterial and venous pressure in hypertension with mental disorders. V.V.Gromova. Trudy Gos.nauch.-issl.inst.psikh. 25:478-487 '61.

Correlation of neurological symptoms and mental disorders in vascular diseases and atrophic processes in the cerebral cortex. A.M.Veisner. Trudy Gos.nauch.-issl.inst.psikh. 25:131-150 '61.

Data from a clinical and pathophysiological study of the therapeutic action of dicoline in the treatment of vascular diseases of the brain with mental disorders, report No.2. V.I.Savchuk, V.V.Gromova, G.M.Entin. Trudy Gos.nauch.-issl.inst.psikh. 25:352-367 '61.

EEG data in cerebral atherosclerosis and hypertension with mental disorders. IU.N.Fedorovskii. Trudy Gos.nauch.-issl.inst.psikh. 25 202-204 '61

Hypnotherapy in cardiovascular diseases. S.L.Krasnykh. Trudy Gos.nauch.-issl.inst.psikh. 25:787-794 '61

Materials from a study of corticovisceral interrelationships in cerebral atherosclerosis with mental disorders. IU.N.Uspenskii. Trudy Gos.nauch.-issl.inst. psikh. 25,243-251 '61.

Neuropsychic disorders in patients who have had a myocardial infarction at a young age, preliminary report. Z.V.Kosenko. Trudy Gos.nauch.-issl.inst.psikh. 25 594-602 '61.

Postoperative mental disorders in patients with mitral heart defects, following mitral commissurotomy. V.M. Banshchikov, I.S.Romanova. Trudy Gos.nauch.-issl. inst.psikh. 25 551-567 '61.

Some problems in preventing mental disorders in cerebral atherosclerosis. I.N.Bobrova. Trudy Gos. nauch.-issl.inst.psikh. 25 386-395 '61.

Specific cerebral antigens and autosensitization against them in a series of mental diseases. K.N.Nazarov. Zhur.nevr.i psikh. 62 no.8:1211-1218 Ag '62

Treatment with the sum of saponins from Dioscorea caucasina and blue valerian in cerebral atherosclerosis with mental disorders. V.V.Gromova. Trudy Gos.nauch.-issl.inst.psikh. 25 377-384 '61.

MENTAL ILLNESS—CLASSIFICATION
Observations on the International Classification of Mental Disorders. A.Jus. Zhur.nevr.i psikh. 62 no.8:1228-1230 Ag '62.

Problems of the International Statistical Classification (MSK) of Mental Disorders. J.Prokupek. Zhur.nevr. i psikh. 62 no.8:1231-1234 Ag '62

MENTALLY HANDICAPPED—REHABILITATION, ETC.
Recovery of speech after brain damage. Report No.4 Recovery of writing ability after damage to the temporal lobe of the left cerebral hemisphere. L.S.Tsvetkova. Dokl.APN 6 no.4:123-127 '62.

MENTALLY HANDICAPPED CHILDREN
Color discrimination in retarded children. K.V.Bardin. Dokl.APN 6 no.4 119-122 '62.

MERCAPTOPHOS
Applying mercaptophos with foliar feeding. V.S.Bahii, N.I.Krasnovskaia. Zashch.rast.ot vred.i bol. 6 no.3 27-28 Ag '61.

Effect of phosphorus organic insecticides on the respiration rate of the cotton plant. T.V.Bobyreva. Fiziol rast. 9 no.6:738-740 '62.

Means for disinfecting flowers. IA.V.Chuchugin. Zashch.rast.ot vred i bol 5 no.2:37-38 F '60

MERCHANT MARINE
(see also subdivision under Poland, Turkey)
Against primitive methods and laxity. IU.Fivelskii. Mor.flot 22 no.11,10 N '62.

Brief news from foreign countries. Mor flot 22 no 9 44 S '62.

Follow-up of published materials. Mor flot 22 no 9: 46 S '62.

Follow-up of published material. Mor.flot 22 no.12: 48 D '62.

Improve the level of fleet operations. D.Zotov. Mor flot 22 no 9 1-3 S '62

Several months earlier. Mor.flot 22 no.12,47 D '62.

MERCHANT MARINE—CONGRESSES
Technical and Economic Conference of Merchant Seamen of the Far East. Mor. flot 22 no.9:47 S '62.

MERCHANT MARINE—COST OF OPERATION
Method and practice of cost accounting for the loading and unloading of individual types of cargo. L.Rushchinskii. Mor.flot 22 no.12:16-18 D '62.

MERCHANT MARINE—EQUIPMENT AND SUPPLIES
Improve the organization of material and technical supplies. N.Zarubin. Mor.flot 22 no.12:12-14 D '62.

MERCHANT MARINE—HISTORY
More books on the history of the merchant marine in our country. B.Otdol'nov. Mor.flot 22 no 11;46 N '62

Museum of the Merchant Marine of the U.S.S.R. Mor. flot 22 no.11:48 N '62.

MERCHANT MARINE—MANAGEMENT
A number of problems should be solved. L.Vasil'ev. Mor.flot 22 no.12:40 D '62.

MERCHANT MARINE—OFFICERS
Brothers Fomin are captains. D.Nozdrin. Mor.flot 22 no.12:46 D '62.

MERCHANT MARINE—PASSENGER TRAFFIC
(see also subdivision under Caspian Sea)
Passenger traffic on the Kuybyshev - Molekess line. I.Skrizhalin. Rech.transp. 21 no.12:48 D '62.

MERCHANT MARINE—PERSONNEL MANAGEMENT
Put order into merchant seamen's work routine. V.Shuvalov, R.Arslanov. Mor.flot 22 no 12 21-22 D '62.

MERCHANT MARINE—TECHNOLOGICAL INNOVATIONS
see subdivision under Murmansk

MERCHANT MARINE—WATCH DUTY
For an efficient schedule of watch duty. P.Gruzinskii Mor flot 22 no 9 22-23 S '62

Transfer to an eight-hour watch schedule. V.Veber, G.Pokumeiko. Mor.flot 22 no 12 22 D '62.

Watch schedule and number of crew members on ships of the dredger fleet. L.Selivanov. Mor flot 22 no.12 22 D '62.

MERCHANT SEAMEN
(see also subdivision under Murmansk Province)
Combined professions in the Sochi harbor fleet. I. Kolmakov. Mor flot 22 no 11 25-28 N '62

Friendly crew. A.Usminskii. Mor. flot 22 no 9 7-9 S '62

Further improvement of working conditions is an important task. Mor flot 22 no 11;3-4 N '62

Improvement of working conditions in wheel and chart houses. V.Aleksandrov. Mor flot 22 no 9 33-34 S '62

Progressive team. I.Kortikova. Mor.flot 22 no.12: 46 D '62.

They know how to work and how to relax. Mor.flot 22 no.12 47 D '62.

We are for an eight-hour workday. L.Krivoviaz. Mor flot 22 no 11;10 N '62

MERCHANT SHIPS
On the motorship "F.E.Dzerzhinskii." M.Grigor Mor flot 22 no.9 6 S '62

Selection of ships by linear programming for transport to destinations abroad. V.Sukhotskii, E.Gromovoi Mor flot 22 no 9 15-17 S '62

Selection of ships by linear programming for transport to destinations abroad. V.Sukhotskii, E.Gromovoi Mor.flot 22 no10.15-17 S '62

MERCHANT SHIPS—COST OF OPERATION
Technical and economic grounds for new loader types. A.Ivlieva, A.Postnov, D.Tamberg. Rech.transp. 21 no.12 23-24 D '62.

MERCURAN
Effect of mercuran and TMTD on the habitation, dynamics, and activity of Azotobacter in the rhizosphere of spring wheat [in Latvian with summaries in English and Russian]. A.Klincare. Izv.AN Latv. SSR no.1:109-114 '61.

MERCURY
Decrease of mercury losses in the liquid phase hydration of acetylene. D.V.Sokol'skii, Sh.Kh.Nurgozhaeva. Trudy Inst.khim.nauk AN Kazakh.SSR 8:163-165 '62.

Effect of mercury on the strength and alternating bending testing of steel. V.T.Stepurenko, IU.I.Babei, G.V.Karpenko. Nauch.zap.IMA AN URSR.Ser.mashinoved. 9:34-36 '62.

Effect of mercury on the strength of brass. F.P. IAnchishin, G.G.Maksimovich. Nauch.zap.IMA AN URSR.Ser.mashinoved. 9:37-40 '62.

Mercury-impermeable structural materials. M.A. Matveev, B.I.Kutsenok. Zhur.VKHO 7 no.6:707-709 '62.

Ozerova, N.A. [Primary dispersion halos of mercury] Pervichnye oreoly rasseianiia rtuti. Moskva, Izd-vo Akad. nauk SSSR, 1962. 134 p. (Akademiia nauk SSSR Institut geologii rudnykh mestorozhdenii, petrografii, mineralogii i geokhimii. Trudy, no.72)

MERCURY-ARC RECTIFIERS
Conditions leading to the origination of inverse firing due to mercury drops. L.A.Sena, R.M.Fridiland. Izv. NIIPT no

Regist

MERINO SHEEP see subdivision under Uzbekistan

MESHCHERA—DRAINAGE

Deep drainage of lowland bogs in the Meshchera region Kh N Starikov Gidr i mel 14 no 11 41-48 N '62

MESONS

Depolarization of μ^+-mesons in solid bodies [with summary in English]. V.G.Nosov, I V IAkovleva. Zhur.eksp.i teor.fiz. 43 no.5 1750-1764 N '62.

Electron-photon showers generated by high-energy μ-mesons [with summary in English]. E.V.Gedalin. Zhur.eksp.i teor.fiz. 43 no.5,1697-1700 N '62.

On resonances in a baryon system with the strangeness $|S| = 1$. E.V.Kuznetsov, IA.IA.Shalamov. Zhur. eksp.i teor.fiz. 43 no.5,1979-1981 N '62.

Radiative capture of a μ^--meson by a proton [with summary in English]. G.A.Lobov, I.S.Shapiro. Zhur. eksp.i teor.fiz. 43 no.5;1821-1825 N '62.

Zastavenko, L.G., and A.Chilok. [Angular and energy distributions of fast μ-mesons penetrating deep into the earth from the atmosphere] Uglovoe i energeticheskoe raspredelenie bystrykh μ-mezonov, pronikaiushchikh iz atmosfery na bol'shuiu glubinu v zemliu. Dubna, Ob"edinennyi in-t iadernykh issledovanii, 1962. 7 p. [With summary in English]

MESONS—DECAY

Arbuzov, B.A., and others. [K_{e4}-decays and isoscalar $\pi\pi$-resonance at low energies] K_{e4}-raspady i izoskalarnyi $\pi\pi$-rezonans pri maloi energii. Dubna, Ob"edinennyi in-t iadernykh issledovanii, 1962. 4 p. [With summary in English]

Further search of the $\mu^+ \to e^+ + e^+ + e^-$ decay. A.I.Babaev and others. Zhur.eksp.i teor.fiz. 43 no.5;1984 N '62.

Resonance interactions of K-mesons [with summary in English]. IA.I.Granovskii, A.A.Pantiushin. Zhur. eksp.i teor.fiz. 43 no.5 1681-1687 N '62.

MESONS—SCATTERING

Determination of the regions of analyticity of diagram inserts corresponding to the scattering of nucleons, π-mesons, and K-mesons on nucleons I I Kostyrko Ukr mat zhur 14 no 4,411-417 '62

Disintegration of the C^{12} nucleus into three α-particles caused by inelastic scattering of 80Mev, π^+-mesons [with summary in English]. V.I.Bogatin, Z.Novak, V.I.Ostroumov. Zhur.eksp.i teor.fiz. 43 no 5· 1582-1591 N '62

Possible role of vector mesons in the elastic scattering of high-energy π-mesons and protons [with summary in English]. G.G.Arushanov. Zhur.eksp.i teor.fiz 43 no.5;1709-1711 N '62.

Zastavenko, L.G., and A.Chilok. [Use of the stationary phase method in solving kinetic equations] Primenenie metoda statsionarnoi fazy k resheniiu kineticheskikh uravnenii. Dubna, Ob"edinennyi in-t iadernykh issledovanii, 1962. 8 p. [With summary in English]

MESONS—SPECTRA

The multiplicity factor G.F.Krymskii. Trudy IAF AN SSSR.Ser fiz. no 4 57-60 '62.

Results of studying the quantity f^*eff in the differential spectrum of π-meson production. A A Dantlov, G.F. Krymskii, V A. Filippov. Trudy IAF AN SSSR Ser. fiz. no. 4 41-48 '62.

MESSINA—DESCRIPTION

Sun loves this land. M.Kozlovs'kyi, I. Potaps'ka. Znan.ta pratsia no.8 24-25 Ag '62.

METABOLISM

The effect of A.P Polosukhin's antishock liquid on plasma metabolism and vascular tonus K A Samoilova. Vest AN Kazakh SSR 18 no 11·76-78 N '62

Effect of the complex of analeptics on the change in the metabolism indices of athletes. S.P.Letunov, P M. Babarin. Teor. i prak.fiz.kul't. 25 no.10;30-33 O '62.

Effect of ultraviolet rays on metabolism in cows. A.I. Shcherbyna. Visnyk sil'hosp.nauky 5 no.10;107-110 O '62.

Metabolism in grown and young sows at various stages of pregnancy. M D. Liubetskii. Nauch. trudy Zootekh. fak. Khar. zoovet. inst. 11;96-101 '62.

Morphophysiological structure of the arc of an interoceptive metabolic reflex. A A. Loginov. Izv. AN Azerb. SSR. Ser biol. i med nauk no. 4,107-119 '62

Rhythm disorder and ion metabolism in the heart muscle; based on materials in the foreign literature. N.V Kalinina. Kardiologiia 2 no 5 78-85 S-O '62.

Types of metabolism in parasitic worms. G.S.Markov. Uch.zap.Volg.gos.ped.inst. no.13·90-100 '61.

METAL CLEANING

Reaction unit. V. Zino'ev. Okhr.truda i sots.strakh. 5 no.11·34 N '62.

METAL CRYSTALS

Blurring of frequency-sensitive characteristics of the damping of elementary excitations in crystals. M.A. Krivoglaz. Sbor.nauch rab.inst.metallofiz.AN URSR no.15:100-116 '62.

METAL CRYSTALS—MAGNETIC PROPERTIES

Magnetic symmetry of crystals. V E Naish. Fiz met. i metalloved. 14 no.2 315-316 Ag '62.

METAL CUTTING

Egorov, M.E. [Lecture course on technological processes in the manufacture of machinery] Kurs tekhnologii mashinostroeniia. Moskva, Vses. zaochnyi energ. in-t.

Pt.2. [Methods for machining machine-part elements and the technology of assembling processes] Metody mekhanicheskoi obrabotki elementov detalei mashin i tekhnologiia sborochnykh protsessov. 1962. 223 p.

Frenkel', S.Sh. [Manual for young milling-machine operators] Spravochnik molodogo frezerovshchika. Izd 2, perer i dop Moskva, Profizdat, 1962 459 p.

Geometrical errors during shaving N P Sitalov. Trudy NPI 126 28-38 '61

Kosharnovskii, V.P. [Metal cutting and metal-cutting tools; bibliography] Rezanie metallov i metallorezhushchie instrumenty, bibliograficheskii spravochnik. Khar'kov, Khar'kovskii gos. univ., 1962. 127 p. [MICROFILM]

Titanium cutting in conditions of cooling with use of CO_2 M.A Makhatadze, G A Aladashvili Trudy Inst met AN Gruz SSR 12 173-186 '62

We are using mechanized cutting tools. G. Kosykh. Prof.-tekh.obr. 19 no.7 10 Jl '62.

METAL CUTTING—TECHNOLOGICAL INNOVATIONS see subdivision under Kiev Province

METAL CUTTING, ELECTRIC see Electric metal cutting

METAL-CUTTING TOOLS

(see also subdivision under Latvia)

Additional detachable cutting-tool holders. N.M.Smirnov. Mashinostroitel' no.11 25 N '62.

Boring tools with many-sided hard alloy tips. V.N. Trunev. Mashinostroitel' no.11 21 N '62.

Cutters for machining heat-resistant and titanium alloys. A.P.Shamshin. Mashinostroitel' no.11 29 N '62.

Kosharnovskii, V.P. [Metal cutting and metal-cutting tools; bibliography] Rezanie metallov i metallorezhushchie instrumenty, bibliograficheskii spravochnik. Khar'kov, Khar'kovskii gos. univ., 1962. 127 p. [MICROFILM]

Relative wear of metal-cutting tools with hard-alloy bits Van Ti, V.A.Skragan. Trudy LPI no.219·57-64 '62

Screw-thread cutting tool with a double pitch. B.F. Danilov. Mashinostroitel' no.11 22-23 N '62.

Temperature of the front surface of a metal-turning tool. L.V.Stepanova Izv vys ucheb.zav., mashinostr no 8 207-211 '62

METAL-GLASS SEALING see Glass-metal sealing

METAL POWDER PRODUCTS

Fedorchenko, I.M. [Ceramic metal products in the national economy] Metalokeramichni vyroby u narodnomu hospodarstvi. Kyiv, 1962, 39 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR. Seriia 7, no.7)

METAL POWDERS

Comparative analysis of the uniformity of compact and powder metal properties. P.S.Livshits. Fiz. met. i metalloved. 14 no. 309-311 Ag '62.

METAL POWDERS—WELDING

Certain problems of metal powder welding. L.A. Mel'nikov. Svar.proizv. no.11 13-15 N '62.

METAL-ROLLING see Rolling (Metalwork)

METALLIC FILMS

Hydrodynamics of the flow of thin liquid films. L.IA. Zhivaikin, B.P. Volgin. [Trudy] UNIKHIM no.9:114-121 '61.

METALLIC FILMS—MAGNETIC PROPERTIES

Differential susceptibility of thin magnetic films during uniform magnetic rotation. K.M. Polivanov, A.L. Frumkin. Fiz.met.i metalloved. 14 no 2:165-171 Ag '62.

METALLIC OXIDES

Kinetics and mechanism of the aging of metal hydroxides. Part 8 Rate of solution of hydroxides V. P Chalyi Ukr khim zhur 28 no.9 1005-1008 '62

Polarographic investigation with fused sodium metaphosphate as the support. Part 2· Polarography of copper, silver, cadmium, and lead oxides IU K. Delimarskii, T. N. Kapisova Ukr khim zhur. 28 no 7 802-806 '62

METALLIC SOAPS

Electron microscope study of the structure of sodium greases in soaps of synthetic fatty acids V. V. Sinitsyn, B N Kartinin. Khim. i tekh. topl i masel 7 no.11 62-66 N '62

METALLOGRAPHY

Nature of phase transformations in metals and alloys. N. V. Ivanova, T. A. Lebedev. Trudy LPI no. 219;104-114 '62.

Structure of a composite solid solution after high-temperature heating. V. Provorkin, V. Morikov. Izv. AN Latv.SSR no.2·65-70 '61.

Structure of slip bands. S. V. Zatsepin, V. P. Pechkov. Fiz.met i metalloved. 14 no 5;673-677 N '62

METALLURGICAL FURNACES

Domical vaults made of fireproof reinforced concrete for ferroalloy furnaces B A Alibaudov, M. Sh Bakst, N. M. Deklanov Prom.stroi 40 no 11 39-42 '62

METALLURGICAL PLANTS

(see also subdivision under Kachkanar)

Combined assembly in the construction of a sintering plant. N.A. Kudriavtsev. Prom.stroi. no.10,10-11 '62.

METALLURGICAL PLANTS—EQUIPMENT AND SUPPLIES

Using prestressed steel crane girders. Iu. V. Gaidaenko, E. A. Kvasnitskii. Prom.stroi. 40 no.12 [illegible] '62.

METALLURGICAL PLANTS—SAFETY MEASURES

Safety in gas-operated plants. P. Veinberg. Metallurg 7 no.12 30-31 D '62.

METALLURGICAL PLANTS—TECHNOLOGICAL INNOVATIONS see subdivision under Novotul'sky

METALLURGY

The "kibernetes" becomes metallurgist. V Mikeladze Iun tekh 7 no 11 66-68 N '62

Metal flows in pipes. L. Verte Izobr. i rats. no.11 6-8 N '62.

METALLURGY—EQUIPMENT AND SUPPLIES

Technical specifications for metallurgical equipment. I. I. Korobov, I.I. Entin. Standartizatsiia 26 no.11 54-55 N '62.

METALS

Changes in the structure of quartz glass during the metal diffusion of gold, platinum, and palladium. I. I. Dolgin, E. I. Gindin. Zhur prikl.khim. 35 no 11 2501-2503 N '62.

Comparative analysis of the uniformity of compact and powder metal properties. P.S. Livshits. Fiz.met i metalloved. 14 no.2;300-311 Ag '62

New formula for determining certain physical characteristics of matter [with summary in English]. V.S. Osbcherin. Porosh.met. 2 no.6,3-11 N-D '62.

METALS—CORROSION

Effect of mold fungi on the corrosion of metals. O.N Al'bitskaia, N.A Shaposhnikova. Vest. elektropromyshl 33 no.12·28-31 D '62.

Problem of determining the corrosion rate from [illegible] density at a platinum cathode with potential of the metal being corroded. I.V. Oknin. Izv. vys. ucheb. zav., khim. i khim tekh. 5 no. 4:575-578 '62.

METALS—DEFECTS

Geguzin, IA. E. [Macroscopic defects in metals] Makroskopicheskie defekty v metallakh. Moskva, Metallurgizdat, 1962 262 p.

METALS—ELECTRIC PROPERTIES

Electric conductivity of metals having vacancies. V.I. Musharov. Fiz met i metalloved 14 no 2 [illegible] Ag '62

METALS—FINISHING

Deformations of surface roughness caused by roll or ball burnishing. IU. G. Proskuriakov, V. M. Medintsev. Izv. vys. ucheb. zav., mashinostr. no. 8;184-188 '62

Finish machining with multiple-roll burnishing. I.A. Simakhin. Mashinostroitel' no.11 30-31 N '62

Loskutov, V.V. [Polishing of metals] Shlifovanie i polirovanie metallov. Izd.4., perer. Moskva, Mashgiz, 1962. 378 p.

Use of a pressure technique in finishing metals V. Ivanov, D. Rybakov. Tekh. v sel'khoz. 22 no 10 54-55 O '62.

METALS—HANDBOOKS, MANUALS, ETC.

Gotman, Iu. E. [Theoretical weights of ferrous and nonferrous metals and metal products] Teoreticheskii ves chernykh i tsvetnykh metallov i metallicheskikh izdelii; spravochnik. Moskva, Metallurgizdat, 1962. 344 p.

METALS—HEAT TREATMENT

Anisotropy of the surface diffusion coefficient in metals. IA. E Geguzin, N. N Ovcharenko Fiz tver.tela 4 no.11,3117-3123 N '62.

Kinetics of thermal etching of twin boundaries in gold and copper. IA. E. Geguzin, N. N. Ovcharenko. Fiz tver.tela 4 no.11;3110-3116 N '62.

Novikov, I.I., and M.V. Zakharov. [Heat treatment of metals and alloys] Termicheskaia obrabotka metallov i splavov. Pod obshchei red. I.I. Novikova Moskva, Metallurgizdat, 1962. 429 p.

METALS—HYDROGEN CONTENT

Investigating the hydrogen brittleness of metal deposited in hard facing. B. A. Lozlov. Svar. proizv. no. 11 40-41 N '62.

METALS—TESTING

Eddy current prevent accidents. A. Dorofeev. Mlad. tekh. 7 no. 11 25-26 N '62.

The IMA-1P1 machine for fatigue testing of metals subjected to repeated variable bending in the plastic area. L. A. Yankovskii, V. T. Stepanenko, Yu. I. Babel, Nauch. rep. IMA AN UkrSR. Sbor. mashinostroyen. 9:77-79 '62.

Mechanochemical and regular testing of the continuous strength of metals. G. G. Makovetskii, E. P. Yanchishin. Nauch. rep. IMA AN UkrSR. Sbor. mashinostroyen. 9:80-81 '62.

Some generalizing conclusions about the effect of liquid metals on the strength and plasticity of metals. M. I. Chervyakov. Nauch. rep. IMA AN UkrSR. Sbor. mashinostroyen. 9:82-89 '62.

Some principles of the theory of the effect of liquid metals on mechanical properties of solid (construction) metals. G. V. Karpenko. Nauch. rep. IMA AN UkrSR. Sbor. mashinostroyen. 9:90-101 '62.

X-ray study of the surface weakened layer effect. D. M. Vinitskii. Fiz. met. i metallovod. 14 no. 5:737-744 N '62.

METALS—THERMAL PROPERTIES

Simplified equations for calculating the heat capacity, entropy and characteristic temperature of metals [in German] with summary in Russian. S. A. Fomin. Izv. Vys. ucheb. zav.; fiz. no. 11:45-54 '62.

Theoretical justification of the empirical coefficient in the Grüneisen formula for the determination of characteristic temperatures [with summary in English]. B. N. Finkelʹshteĭn. Fiz. tverd. tela 4 no. 8:2143-2149 '62.

METALS—WELDING

Semchishin, N. E., and G. V. Filaretov. [Resistance welding of metals and plastics] Kontaktnaia svarka metallov i plastmass. [Moskva] Mosk. rabochii, 1962. 162 p.

METALS, EFFECT OF RADIATION ON

Angular relationships of the breakdown of metals by ion beams. V. A. Molchanov, V. G. Telkovskii. Izv. AN SSSR. Ser. fiz. 26 no. 11:1508-1509 N '62.

METALS, EFFECT OF TEMPERATURES ON

Change in the coercive force following the annealing of deformed nickel alloys with additives of carbon, praseodymium, and gadolinium [with summary in English]. I. IA. Dekhtiar, V. V. Pototskii. Ukr. fiz. zhur. 7 no. 12:1344-1346 D '62.

Changes in the coercive force during high temperature annealing of hardened nickel. I. IA. Dekhtiar, L. G. Markova. Sbor. nauch. rab. Inst. metallofiz., AN UkrSR no. 15:133-140 '62.

Effect of the temperature of hardening on the internal friction and electric conductance of iron-molybdenum alloys. V. I. Iliarenova, N. A. Golovin. Fiz. met. i metallovod. 14 no. 2:298-300 Ag '62.

Effect of the temperature of testing and heat treatment on crack propagation in certain steels. V. M. Finkel', I. A. Kuzkin. Fiz. met. i metallovod. 14 no. 5:775-778 N '62.

Effect of thermal treatment on the electric properties of manganese ferrate single crystals. L. Zavada, I. Svitana, D. Malikova. Fiz. tverd. tela 4 no. 12:3501-3505 D '62.

Investigating the specific electric resistance of alloys in the system titanium-zirconium up to a temperature of 1,100°C. V. P. Elkhenov, V. D. Ateshenkin. Fiz. met. i metallovod. 14 no. 3:391-397 Ag '62.

Microdistribution of temperature during the electric heating of heterogeneous alloys. Yu. IA. Meshkov. Sbor. nauch. rab. Inst. metallofiz. AN UkrSR no. 15:201-209 '62.

Structural heterogeneity of areas of fusion and calculation of the metal composition of welded joints. I. S. Ivashin. Svar. proizv. no. 9:1-5 S '62.

METALS, RARE AND MINOR
(see also subdivision under Kazakhstan)

"Geology of the deposits of rare elements" by A. I. Ginzburg and others. Reviewed by V. M. Kreiter (Izv. AN SSSR. Ser. geol.) and others. no. 8:108-113 Ag '62.

Gorshkov, V. B., and V. S. Sventov. [Simultaneous recovery of rare metal minerals in using the hydromechanical method to work loose rocks] Sopriazhennoe poluchenie redkometallicheskikh mineralov pri razrabotke rykhlykh gornykh porod sposobom gidromekhanizatsii. Moskva, Gosgeoltekhizdat, 1962. 67 p.

METALS AT HIGH TEMPERATURES

Mechanical properties at high temperatures in equilibrium and nonequilibrium states. B. IA. Pines, A. F. Sirenko. Fiz. met. i metallovod. 14 no. 5:693-700 N '62.

Nature of changes in the physical properties of titanium alloys in the 100-400° temperature range. V. N. Grigorev and others. Sbor. nauch. rab. Inst. metallofiz. AN UkrSR no. 15:193-200 '62.

METALS AT LOW TEMPERATURES

Variation of saturation magnetization of ferromagnetics at helium temperatures [with summary in English]. N. V. Zavaritskii, V. A. Tsurev. Zhur. eksp. i teor. fiz. 43 no. 5:1638-1641 N '62.

METALWORK—SAFETY REGULATIONS

Profsoiuz rabochikh mashinostroenia SSSR. [Safety and industrial sanitation regulations for making boilers and metal constructions] Pravila tekhniki bezopasnosti i proizvodstvennoi sanitarii pri proizvodstve kotlov i metallokonstruktsii. Utverzheny 20 aprelia 1961 goda. Moskva, Mashgiz, 1962. 20 p.

METALWORK—STUDY AND TEACHING

Moldavian S. S. R. Ministerstvo prosveshcheniia. [Programs for secondary schools with industrial training, metalworking trades] Programmy srednei shkoly s proizvodstvennym obucheniem; spetsialʹnosti po metalloobrabotke. Kishinev, Kartia moldovenianske, 1962. 104 p.

METALWORK—TECHNOLOGICAL INNOVATIONS

Rozovskii, S. P., and V. G. Nazarov. [Reduction of labor-consuming operations] Sokrashchenie trudoemkosti [Rizan', Riazanskoe knizhnoe izd-vo, 1962] 24 p. (Bibliotechka ratsionalizatora)

METALWORKING MACHINERY

Automatic machine for the end milling of fittings. A. I. Mukeev. I. R. prakt. no. 11:18 N '62.

Automation and mechanization of auxiliary operations in metalworking. A. I. Trapeznikov and others. Prom. energ. 17 no. 11:10-11 N '62.

METAMORPHISM (GEOLOGY)
(see also subdivision under Gay region, Orenburg Province, Karaganda Basin, Khingan Mountains, Kugitang Tau)

Metamorphism of orsa and orebearing rocks in the Kazakhstan deposit (central Kazakhstan). V. V. Kalinin. Geol. rud. mestorozh. no. 6:91-104 N-D '62.

Wall rock alterations of a uranium deposit. P. N. Baranov, G. I. Vertiepov, G. D. Gladyshev. Geol. rud. mestorozh. no. 6:51-59 N-D '62.

METASOMATISM

An example of metasomatic zonality in sand-pelitic-magnetite rocks and carbonatites. A. A. Glagolev. Dokl. AN SSSR 147 no. 4:896-899 N '62.

METEORITES

Space in a test tube. Iev. Bobrov. Znan.-sila 37 no. 9:16-20 S '62.

METEOROLOGICAL OPTICS

Visiting with nature. Evgenii Orlov. Nauka i zhizn' no. 10:105-0 O '62.

METEOROLOGY
(see also subdivision under Antarctic regions, Arctic regions)

"Aerology" by A. M. Kaltnovskii and N. Z. Pinus. Part 1. Methods employed in aerological measurements. Reviewed by I. M. Dolgin and S. L. Sokolov. Meteor. i gidrol. no. 11:60-64 N '62.

Brief news. Meteor. i gidrol. no. 12:58-60 D '62.

METEOROLOGY—BIBLIOGRAPHY see Bibliography—Meteorology

METEOROLOGY—CONGRESSES

Conferences, meetings, and seminars. Meteor. i gidrol. no. 11:68-70 N '62.

Third session of the Commission of Synoptic Meteorology of the Worldwide Meteorological Organization. A. D. Chistiakov. Meteor. i gidrol. no. 11:70-72 N '62.

METEOROLOGY—OBSERVATIONS

System of magnetic recording of slowly changing meteorologic parameters. N. K. Vinichenko, G. N. Shur. Trudy TsAO no. 43:147-164 '62.

METEOROLOGY—PERIODICALS

Journal of abstracts. I. A. Khvostikov. Meteor. i gidrol. no. 12:51 D '62.

METEOROLOGY—STUDY AND TEACHING

Inculcating practical skills during group work. E. M. Molontvov. Geog. v shkole 25 no. 6:58-59 N-D '62.

METEOROLOGY, MARITIME

"Short course in meteorology and oceanography for sea captains" by P. G. Vovchenko, A. E. Zubkov. Reviewed by F. A. Strumilov. Meteor. i gidrol. no. 12:49-50 D '62.

METEOROLOGY IN AERONAUTICS

New types of meteorological service in the Civil Air Fleet. A. V. Buzakkii. Meteor. i gidrol. no. 11:52-54 N '62.

METHACRYLIC ACID

Crystalline formations in thick films of polymethyl methacrylate [with summary in English]. O. N. Trapeznikova, L. B. Shilgaeva. Vest. LGU 17 no. 22:56-62 '62.

Polymerization of cetyl methacrylate [with summary in English]. D. Hardy and others. Vysokom. soed. 4 no. 12:1872-1878 D '62.

Synthesis of graft copolymers from isotactic polymethyl methacrylate and polyhydroxyheptanate. G. S. Kolesnikov, G. P. Fuzgenidze. Izv. AN SSSR. Otd. khim. nauk no. 11:2097-2099 N '62.

METHACRYLIC ACID—OPTICAL PROPERTIES

Birefringence and tensile strength of polymethyl methacrylate. N. I. Shishkin, M. F. Milagin. Fiz. tver. tela 4 no. 10:2681-2686 O '62.

Tensile strength and birefringence of drawn out (oriented) polymethyl methacrylate. M. F. Milagin, N. I. Shishkin. Fiz. tver. tela 4 no. 10:2680-2691 O '62.

METHANE

Calculation of the proton affinity of methane and its homologs. A. A. Lovin, V. M. Volkov. Zhur. struk. khim. 3 no. 6:721-723 '62.

Coefficients of separation of the carbon isotopes (C^{12}-C^{14}) during the equilibrium vaporization of methane. O. V. Tverov and others. Zhur. VKHO 7 no. 6:695-697 '62.

Complex formation in the system titanium (IV) - dipyridylmethane - pyrocatechol. A. K. Babko, M. M. Tananiko. Zhur. neorg. khim. 7 no. 11:2549-2556 N '62.

Effect of preheating of gas in the electrocracking of methane to acetylene. D. T. Ilʹin, I. N. Ufemin. Zhur. prikl. khim. 35 no. 11:2493-2504 N '62.

Effect of the structure of hydrocarbons on their behavior in binary systems with methane. IA. D. Sawina, A. S. Velikovskii. Trudy VNIIGAZ no. 17:103-104 '62.

Gas analyzer and its use in quarantine fumigation. S. G. Kucherova, P. T. Lintsyn. Zashch. rast. ot vred. i bol. 7 no. 8:52 Ag '62.

Negative volume of less volatile components in the mixture of methane with various hydrocarbons. A. S. Velikovskii, G. S. Stepanova. Trudy VNIIGAZ no. 17:333-352 '62.

Study of phase equilibria in the methane-n-hexane system. G. S. Stepanova, IA. I. Vybornova. Trudy VNIIGAZ no. 17:203-208 '62.

METHANE—SPECTRA

Determining the electrooptical parameters and intensities in infrared absorption spectra of methane and ethane. Iu. A. Gribov, I. M. Popov. Opt. i spektr. 13 no. 5:663-667 N '62.

METHANOL

Effect of the diameter of quartz tubes on the decomposition of methyl alcohol. N. P. Evmenenko, V. V. Shalits, M. V. Poltikov. Ukr. khim. zhur. 28 no. 7:829-832 '62.

Effect of the reactor diameter on the conversion of methanol in the presence of a silver catalyst. M. V. Poltikov, N. P. Evmenenko, V. V. Shalits. Ukr. khim. zhur. 28 no. 6:1019-1023 '62.

Separation of terephthalic and isophthalic acids by extraction with hot methanol. O. N. Tverdilin, V. N. Davydov. Zhur. prikl. khim. 35 no. 11:2521-2526 N '62.

METHOXYLATION

Electrolyzer for methoxylation of furans [with summary in English]. G. Sokolov. Izv. AN Latv. SSR no. 1:67-69 '61.

METHYL ALCOHOL

Complex esterification of tall oil acids with methyl alcohol. V. P. Sumarokov, Z. M. Volodunkaite. Gidroliz. i lesokhim. prom. 15 no. 8:12-14 '62.

METHYL BORATE

Transformations of boron cyclic compounds under the action of methyl borate. B. M. Mikhailov, L. S. Vasilʹev, E. N. Safonova. Dokl. AN SSSR 147 no. 3:630-633 N '62.

METHYLAMINE

Reaction of dialkyldichloroalanes and alkyldichloroalanes with methylamine. E. A. Semenova, D. IA. Zhinkin, K. A. Andrianov. Izv. AN SSSR. Otd. khim. nauk no. 11:2030-2039 N '62.

MEXICO—ECONOMIC CONDITIONS

Epifania Garcia Zuniga, a name written in blood in the annals of Mexican women. Laura Bolanos Cadena. Zhen. mira no. 8:8-10 '62.

MEXICO—HISTORIOGRAPHY

"Soviet historiography of Iberian America, 1945-1960" [in Spanish] by J. A. Ortega y Medina. Reviewed by IA. G. Manbilis. Vop. ist. no. 12:160-165 D '62.

MEXICO—WOMEN

Epifania Garcia Zuniga, a name written in blood in the annals of Mexican women. Laura Bolanos Cadena. Zhen. mira no. 8:8-10 '62.

MEYERBEER, GIACOMO, 1791-1864

Sollertinskii, I.I. [Meyerbeer] Melerber. Moskva, Muzgiz, 1962. 31 p. (Bibliotechka liubitelia muzyki)

MEZEN' DISTRICT—SPRUCE

Age structure of spruce forests in Mezen' District. V.N. Valiaev. Izv. vys. ucheb. zav., les. zhur. 4 no.5: 25-29 '61.

MICA

Cathode sputtering of mica and molten quartz by krypton ions. A.I. Akishin, S.S. Vasil'ev, L.N. Isaev. Izv. AN SSSR Ser. fiz. 26 no.11 1356-1358 N '62.

MICHURIN, IVAN VLADIMIROVICH, 1855-1935

A.S. Serafimovich and I.V. Michurin. S.I. Bamdas. Priroda 51 no.12 76-77 D '62

MICROBIOLOGY

Methods for raising microbiologically sterile animals and their use in scientific experiments. Z.V. Lazur'evskaia. Mikrobiol. zhur. 24 no.2 60-64 '62

Some current problems in the genetics of microorganisms. S.I. Alikhanian and others. Antibiotiki 7 no.9 841-852 S '62

MICROBIOLOGY—CONGRESSES

Eighth International Congress on Microbiology. I.L. Bogdanov. Vrach. delo no.12 136-138 D '62

MICROCHEMISTRY

Elementary microanalysis with the help of gas chromatography. M.S. Vigdergauz. Priroda 51 no.12 90-91 D '62

Neutron activation determination of phosphorus microquantities in biochemical materials [with summary in English]. S.P. Fedishchev, V.B. Mogilevkin. Izv. TSKHA no.4 79-95 '62.

MICROCIDE

Antibiotic activity of microcide and penicillin in their combined application [with summary in English]. O.O. Nikol'skaia. Mikrobiol. zhur. 24 no.2 55-59 '62

MICROMETEOROLOGY

Spectra of fluctuations of the vertical wind velocity component and their relation with micrometeorological conditions. A.S. Gurvich. Trudy Inst. fiz. atm. no.4: 101-136 '62

MICROMETER

Results of experimental investigations of the rigidity of internal micrometers. I.P. Vaganov. Trudy inst. Kom. stand., mer. i izm. prib. no.47 199-206 '61

MICRO-ORGANISMS

Development of micro-organisms in the leaves of some plants under natural conditions [with summary in English]. L.I. Rubenchyk, V.A. Kordium, S.I. Chernykh. Mikrobiol. zhur. 24 no.2 3-7 '62.

Kosmodamianskii, V.N. [Riddles of life of the world of the invisible] Zagadki zhizni mira nevidimykh. Leningrad, Ob-vo po rasprostraneniiu polit. i nauchn. znanii RSFSR, 1962. 52 p.

MICROPHOTOGRAPHY

Vais, K.L. [Problems in applying microreproduction to scientific and technological information] Nekotorye voprosy primeneniia mikrofotokopirovaniia v nauchno-tekhnicheskoi informatsii. Leningrad, 1962. 14 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Seriia: Metodika postanovki nauchno-tekhnicheskoi informatsii i propagandy)

MICROSCOPE

Photoelectric microscopes. D.M. Feklistov. Izm. tekh. no.12.50-55 D '62.

MICROWAVE COMMUNICATION SYSTEMS

Izumov, N.M. [Radio relay communications] Radioreleinaia sviaz'. Izd.2., pererab. i dop. Moskva, Gosenergoizdat, 1962. 94 p. (Massovaia radiobiblioteka, no.447)

MICROWAVE MEASUREMENTS

Bekrinskaia, A.A., and E.T. Skorik. [Power measurement techniques at super-high frequencies] Metody izmereniia moshchnosti v dlinnozvenykh sverkhvysokikh chastot. Pod red. V.V. Ogievskogo. Kiev, Gostekhizdat USSR, 1962. 170 p.

MICROWAVE RELAY SYSTEMS see Radio relay systems

MICROWAVE TUBES

Interaction of an electron stream with an electric field in the resonators of a klystron (resnatron). G.A. Zeitlenok. Radiotekhnika 17 no.12:3-12 D '62.

MICROWAVES

Amplitude modulation of oscillations in a waveguide. M.S. Ianovskii, B.N. Kniaz'kov. Radiotekhnika 17 no.12:33-37 D '62.

Kapitsa, P.L. [High-power electronics] Elektronika bol'shikh moshchnostei. Moskva, Izd-vo Akad. nauk SSSR, 1962. 194 p.

MIDDLE EAST see Near East

MIDWIFERY see Obstetrics

MIGMATITES see subdivision under Krivoy Rog Basin

MIKHAILOV, VASILII ANAN'EVICH

Poetry of human simplicity. L. Shirokov. Teatr 23 no.11:130-134 N '62

MILDEW

(see also subdivision under Russia, Southern)

Cucumber varieties resistant to the powdery mildew Erysiphe cichoracearum DC. [with summary in English] E.T. Meshcherov. Trudy po prikl. bot., gen. i sel. 31 no.2,103-108 '61.

20% dinitrorhodanbenzene against the American powdery mildew of gooseberries. E.V. Chemodanova. Zashch. rast. ot vred. i bol. 6 no.8 30-31 Ag '61.

MILI STEPPE see Kura Lowland

MILITARISM see subdivision under Germany, West

MILITARY ART AND SCIENCE

Basic characteristics of present-day phase in the development of the Soviet Armed Forces. F. Sultimov, A. Timorin. Komm. Vooruzh. Sil 3 no.24 38-44 D '62

Moscow. Voenno-politicheskaia akademiia. Kafedra dialekticheskogo i istoricheskogo materializma. [Marxism-Leninism on war and the army] Marksizm-leninizm o voine i armii. 3., perer. i dop. izd. Pod obshchei red. Fedos'eva, G.A., Sushko, N.IA., Belogo, B.A., Moskva, Voenizdat, 1962. 374 p.

MILITARY ASSISTANCE, AMERICAN see subdivision under Thailand, Vietnam, South

MILITARY BASES, AMERICAN

(see also subdivision under Japan)

Bases on foreign soil are a source of tension. I. Limashev. Mezhdunar. zhizn' 10 no.1:15-23 Ja '63.

Military bases of imperialists are a menace to peace. Komm. Vooruzh. Sil 3 no.24 80-83 D '62

MILITARY BASES, FOEIGN see subdivision under Arab Countries; Kenya

MILITARY CHAPLAINS see Chaplains, Military

MILITARY DISCIPLINE

Communists are the promoters and guardians of lofty ethical principles. M. Lukianov. Komm. Vooruzh. Sil 3 no.22 48-53 N '62.

MILITARY EDUCATION

(see also subdivision under Krasnoslobodsk, Volgograd Province, Kuybyshev Province, Moscow; Shakhtersk, Donetsk Province; Uman'; Uzbekistan)

Inculcation of lofty ethical principles in the students of military schools. P. Edemskii. Komm. Vooruzh. Sil 3 no.24 49-52 D '62

Resolutions of the congress are being realized. P. Shcherbinin. Voen. znan. 38 no.12 22 D '62.

Soviet patriotism and socialist internationalism. I. Kardashov. Voen. znan. 38 no.12 16-18 D '62.

Terrain orientation. V. Sorokin. Voen. znan. 38 no.12: 26-27 D '62.

We should teach our servicemen how to use present-day weapons and equipment in the best possible way. V. Vikhrenko. Komm. Vooruzh. Sil 3 no.24 72-74 D '62

MILITARY ENGINEERING

Party supervision of construction projects. V. Bilorev. Komm. Vooruzh. Sil 3 no.24 31-35 D '62

We should promote the creative work of inventors and efficiency experts. A. Kiselev. Komm. Vooruzh. Sil 3 no.22:54-56 N '62.

MILITARY HISTORY, MODERN

The colonial wars of imperialism. Mezhdunar. zhizn' 10 no.1:166-168 Ja '63.

MILITARY JOURNALISM see Journalism, Military

MILITARY LAW—STUDY AND TEACHING

Temporary center of legal information. S. Shestak. Komm. Vooruzh. Sil 3 no.22:92 N '62.

MILITARY MINES see Mines, Military

MILITARY RADAR see Radar, Military

MILITARY SERVICE, COMPULSORY

Honorable duty of the Soviet citizen. Voen. znan. 38 no.12:1-2 D '62.

MILK—COMPOSITION

Effect of the structure of rations on the quality of milk of Simmenthal, Black-and-White, and hybrid cows. M.P. Antipina. Nauch. trudy Zootekh. fak. Khar. zoovet. inst. 11:129-134 '62

Improving the quality of milk by high-grade feeds to cows. M.I. Kniga. Nauch. trudy Zootekh. fak. Khar. zoovet. inst. 11:119-128 '62.

MILK—MICROBIOLOGY

Sources of Salmonella milk contamination on cattle farms. I.S. Zagaevskii. Vop. pit. 21 no.4 80-83 Jl-Ag '62.

MILK—TRANSPORTATION

Centralized milk transportation. M. Starovoitov. Avt. transp. 40 no.12.11-12 D '62.

MILK, HUMAN

(see also subdivision under Dushanbe)

New method for examining human milk. M.P. Bolotov. Lab. delo 8 no.5 38-40 My '62

MILK AS FEED

Rates of feeding swine with skimmed milk in intensive fattening for meat. M.D. Korotun. Nauch. trudy Zootekh. fak. Khar. zoovet. inst. 11 80-85 '62

MILK SUGAR see Lactose

MILKING

(see also subdivision under Omsk Province)

Krasnov, V.S., V.A. Otenev, and M.I. Beliaevskii. [Correct use of the "herringbone" arrangement] Pravil'noe ispol'zovat' "elochku." Moskva, Sel'khozizdat, 1962. 38 p. (DNAL)

MILKING MACHINES

(see also subdivision under Latvia)

Comparative efficiency of various methods of machine milking. N. Morozov. Ekon. sel'khoz. 23 no.11 [illegible] 93 N '62.

The "Karusel'" round automatic conveyor-type milking unit. B. Rozhyns'kyi. Sil'. bud. 12 no.11 12-13 N '62

MILLER, ARTHUR, 1915-

"Arthur Miller" [in English] by Dennis Welland. Reviewed by G. Zlobin. Vop. lit. 6 no.10 230-234 O '62.

MILLET—DISEASES AND PESTS

Millet bacteriosis. V.I. Poliakchuk. Zashch. rast. ot vred. i bol. 7 no.8 57-58 Ag '62

MILLING MACHINERY

Equipment manufactured by the Chelyabinsk Machine Building Factory. Prom. energ. 17 no.11 32 N '62.

From the pages of magazines (from "Mining Congress Journal," no.4, 1959). A.F. Ryshkov. Tekhnol. 7 no.6 24-3 of cover N-D '62.

Increase in the productive capacity of a coal pulverizing system using 250/300 ball mills in anthracite culm grinding operation. P.A. Bits. Prom. energ. 17 no.11:28-31 N '62.

Testing of the first-running model of a 400/600 (16×30) ball mill. P.A. Maslovskii, K.IA. Polferov. Tekhnol. 33 no.11 5-11 N '62.

MILLING MACHINES

Frenkel', S.Sh. [Manual for young milling-machine operators] Spravochnik molodogo frezerovshchika. Izd.2., perer. i dop. Moskva, Profizdat, 1962. 450 p.

MINDSZENTY, JÓZSEF, CARDINAL, 1892-

History of an infamous treason. M. Olynets'. Voin. ateist no.7:58-60 Jl '63.

MINE ACCIDENTS

Determine causes of accidents properly. N.G. Ilinskii. Bezop. truda v prom. 6 no.12:12-14 D '62.

MINE BUILDINGS

Markovich, M.P. [Structural elements and construction work at the surface of mines] Stroitel'nye konstruktsii i proizvodstvo stroitel'nykh rabot na poverkhnosti shakht. Moskva, Gosgortekhizdat, 1962. 420 p.

MINE FILLING

Dobrovol'skii, V.A., and A.G. Malyshov. [Practice of filling a mined area in steep coal seams and the outlook for using it in the Donets Basin] Opyt zakladki vyrabotannogo prostranstva na krutykh plastakh uglia i perspektivy ee primeneniia v Donbasse, doklad na nauchno-tekhnicheskoi konferentsii v g. Gorlovka. Moskva, In-t gornogo dela, 1962. 27 p.

MINE GASES

Degasification of auxiliary accessories by means of large holes drilled from airways. A.I. Poliakov. Ugol' Ukr. 6 no.11:41 N '62.

MINE GASES—SAFETY MEASURES

Results of the competition for the best suggestion in the field of methane control in coal mines. M.S. Andreev. Bezop. truda v prom. 6 no.12:33-34 D '62.

MINE HOISTING

Dynamic loads in loading and unloading skip hoists with a slanting body. E.A. Prokhodtseva. Nauch. trudy MGI no.23:83-104 '58.

Experimental study of the operating conditions of bucket-type mine hoists. V.Kh. Klorik'ian. Nauch. trudy MGI no.23:169-178 '58.

MINE HOISTING (Continued)

Generalization on equations of static moments of mine hoists. V.G.Savast'eev. Nauch.trudy MGI no.23 105-115 '58.

Light type skip feeding unit. M.G.Vaksman, I.K.Palti. Ugol' Ukr. 6 no.11:35 N '62.

Malamed, Z.M. [Uncovering the potentials for and the ways of increasing the capacity of hoists in operating mines] Vyiavlenie rezervov i puti povysheniia propusknoi sposobnosti pod"emnykh ustanovok deistvuiushchikh shakht. Moskva, In-t gornogo dela im. A.A.Skochinskogo, 1962. 49 p.

Mine hoists. G.M.Elanchik. Nauch.trudy MGI no.23: 11-35 '58.

Some problems in starting a mine hoist with an asynchronous motor. N.G.Pereslegin. Nauch.trudy MGI no.23:141-166 '58.

Study of the hardness of mine hoist drums. B.G.Klimov. Nauch.trudy MGI no.23:61-81 '58.

Two-engine drive on mine hoists with an asynchronous motor. O.A.Zalesov. Nauch.trudy MGI no.23 117-140 '58.

Use of hydraulic lifts for rock haulage in mines. L.A. Levitskii, N.S.Bolotskikh. Ugol' Ukr. 6 no.11:15-17 N '62.

MINE HOISTING—BRAKES

Principles of the theory of hydraulic drives for brakes on mine hoists. N.S.Kuznyshev. Nauch.trudy MGI no.23:37-59 '58.

MINE PUMPS

Automatic control of the operation of horizontal centrifugal pumps installed in mines. I.T.Pershin. Nauch.trudy MGI no.23:179-193 '58.

Characteristics of deep centrifugal pumps for lowering the water level. D.M.Khokhlovkin. Shakht.stroi. 6 no.11 28-29 N '62.

Controlling centrifugal mine pumps. O.P.Radeev. Nauch.trudy MGI no.23:195-207 '58.

Investigating the motor of the new submerged electric pump. A.I.Belousov. Izv.vys.ucheb.zav., mashinostr. no.8 113-117 '62

The NBG-2 crankless mud pump. L.M.Logov. Izv. vys.ucheb.zav., mashinostr. no.8 127-138 '62.

New centrifugal mine pump. M.P.Tatarinov, M.G. Kozlunov, A.V.Chesnokov. Nauch.trudy MGI no.23: 209-216 '58.

MINE RAILROADS
(see also subdivision under Canada; Donets Basin; Lvov-Volyn' Basin)

Machine operators work in three shifts. F.I.Sviridenkov. Transp.stroi. 12 no.10 5 O '62

Mal'shikova, A.F., and K.F.Druzhinin. [Selecting the layout and calculation of tracks in railroad stations of open-pit mines] Vybor skhem i raschet putevogo razvitiia zheleznodorozhnykh stantsii na kar'erakh. Moskva, Gosgortekhizdat, 1962. 30 p.

MINE RAILROADS—CARS—STANDARDS

Standard types of mine cars. P.I.Rapoport. Standartizatsiia 26 no.12:13-18 D '62.

MINE SAFETY

R[illegible]

posits by the underground method] Edinye pravila bezopasnosti pri razrabotke rudnykh, nerudnykh i rossypnykh mestorozhdenii podzemnym sposobom. Moskva, Gosgortekhizdat, 1962. 253 p.

Shishkin, N.F. [High-speed system for protecting mine networks from short-circuits to ground] Bystrodeistvuiushchaia zashchita shakhtnykh setei ot zamykaniia na zemliu. Moskva, Gosgortekhizdat, 1960. 53 p.

MINE SURVEYING

R[illegible]

foremen in technical schools of construction for mine haulage] *Konspekt po predmetu "Osnovy geodezii i marksheiderskogo dela" dlia kursov gornykh masterov v tekhnicheskikh shkolakh transportnogo stroitel'stva.* Moskva, 1960. 139 p.

MINE TIMBERING
(see also subdivision under Donets Basin; Hungary; Krivoy Rog Basin)

Concrete supports for potassium mine shafts. M.I. Subbotkin, L.G.Tokareva, I.E.Baier. Mont.i spets. rab.v stroi. 24 no.12:17-19 D '62.

Popov, V.L. [Rock pressure and mine timbering] Gornoe davlenie i rudnichnaia krep', Moskva, Gosgortekhizdat, 1962. 298 p.

Preventive extensible console supports. A.M.Fridiland. Shakht.stroi. 6 no.11:18-20 N '62.

Protecting intersectional gaps in powered supports. V.L.Popov, I.S.Krashkin, B.I.Gritsaiuk. Bezop. truda v prom. 6 no.12:24-27 D '62.

Using reinforced concrete supports. N.P.Kosenko. Bezop.truda v prom. 6 no.12:27-28 D '62.

Waterproof quick-setting concrete for the reinforcement of vertical shafts in mines. F.F.Bugro, V.V.Evtushenko, B.P.Karpov. Shakht.stroi. 6 no.11 13-14 N '62.

MINE VENTILATION

Il'enok, V.A. [Ventilation of long development workings] Provetrivanie podgotovitel'nykh vyrabotok bol'shoi dliny. Moskva, Gosgortekhizdat, 1962. 60 p.

New VTsN-1,6 and VTsN-2,2 centrifugal mine fans for main ventilation. V.S.Pak, G.A.Babak. Ugol' Ukr. 6 no.11:37-39 N '62.

"Ventilation of coal mines" by N.F.Kremenchutskii. Reviewed by G.S.Kulikov. Bezop.truda v prom. 6 no.12,32 D '62.

MINE WATER see subdivision under Ural Mountains

MINERAL AGGREGATES see Aggregates (Building materials)

MINERAL OILS

Nitration of mineral oils. IU.N.Shekhter, V.P. Kalashnikov, V.I.Goriacheva. Khim.i tekh.topl.i masel 7 no.11 40-45 N '62

MINERAL WATERS see subdivision under Georgia, Nakhichevan A.S.S.R.

MINERAL WATERS—COMPOSITION see subdivision under Buynaksk District

MINERAL WATERS—RADIOACTIVE PROPERTIES see subdivision under Daghestan

MINERALOGICAL SOCIETIES

Symposia of the Third Session of the International Mineralogical Association. F.F.Chukhrov. Geol. i razv.mestorozh. no.5 109-113 S-O '62

MINERALOGY
(see also subdivision under Krivoy Rog Basin, Nikopol' region, Uzh Valley)

Role of the nonequilibrium state in the formation of minerals in basic and ultrabasic silicate melts. G.A. Rashin. Biul.MOIP.Otd.geol. 37 no.5 174-175 S-O '62.

MINERALOGY, DETERMINATIVE

Application of collodion replicas for the study of polished sections. K.E.Frolova. Geol.i razv.mestorozh. no.6 117-118 N-D '62.

MINERALS
(see also subdivision under West Siberian Plain)

Crystalline structure of gaganite. A.A.Voronkov, N.G.Shumiatskaia, IU.A.Piatenko. Zhur.strukt. khim. 3 no.6 691-696 '62.

Formula of gaganite. IU.A.Piatenko, A.A.Voronkov. Zhur.strukt.khim. 3 no.6:720-721 '62.

Mel'nikov, O.D. [Quartz veins and the minerals associated with them] Kvartsevye zhily i sviazannye s nimi poleznye iskopaemye. Izd.2. Moskva, Gosgeoltekhizdat, 1962. 40 p. (Bibliotechka iskatelia poleznykh iskopaemykh)

Pravdite, the new rare-earth mineral. A.N.Nurlybaev. Dokl.AN SSSR 147 no.3:689-691 N '62.

Thermoluminescence of minerals and rocks and its importance for geology. A.D.Rakcheev. Geol.i razv.mestorozh. no.5 84-85 S-O '62

MINERALS IN SOIL

Significance of diffusion in the migration of salts. M.R. Abduev. Izv.AN Azerb.SSR.Ser.biol.i med.nauk no.6:49-57 '62.

MINES, MILITARY

Modern mines (from the foreign press). M.Novikov. Voen.znan. 38 no.12:25-28 D '62.

MINES AND MINERAL RESOURCES
(see also subdivision under Armenia; Latin America; Soviet Far East; Tatar A.S.S.R., Uzbekistan)

Brief account of the activity of the Interdepartmental Council on the Study of Regularities in the Location of Minerals and its local committees in 1959-1960. V.V.Bezsmertnyi, E.M.Kamshilina. Zakonom.razm. polezn.iskop. 5:624-629 '62.

The economic program for disarmament. K.Ivanov, M.Kalugin, B.Batsanov. Mezhdunar zhizn' 10 no.1:24-43 Ja '63.

MINING ENGINEERING
(see also subdivision under Azerbaijan)

Improve the standard planning and design in the coal mining industry. E.V.Dugin, V.A.Bubyr'. Shakht. stroi. 6 no.11,1-2 N '62.

Nifontov, B.I. [Rapid drifting] Skorostnoe provedenie gorizontal'nykh vyrabotok. Moskva, Gosgortekhizdat, 1962. 282 p.

"Preparation of documentation for estimates and accounting procedures in main mine construction" by L.IA. Furberov, A.A.Turin, N.L.Topil'skii. Reviewed by P.IA.Umanskii, A.I.Khmura. Ugol' Ukr. 6 no.11: 44-45 N '62.

MINING ENGINEERING—ABSTRACTS

[Mining] Ref.zhur.:Gor.delo. Avtorskii ukazatel', 1962 god.

MINING ENGINEERING—SAFETY MEASURES—BIBLIOGRAPHY see Bibliography—Mining engineering—Safety measures

MINING ENGINEERING—SAFETY REGULATIONS

Some changes in the Unified Safety Regulations for Underground Mining of Metal-ore, Nonmetal and Placer Deposits. V.G.Slastunov. Bezop.truda v prom. 6 no.12 14-16 D '62

MINING MACHINERY
(see also subdivision under Ukraine)

Bogulskii, S.S., and others. [Automatically controlled mining systems] Rudnichnye avtomaticheskie ustanovki; prakticheskoe posobie po avtomatizatsii na shakhte. Moskva, Gosgortekhizdat, 1962. 195 p.

Kal'nitskii, IA.B., and M.I.Bogorais. [Scraper units for mining operations] Skrepernye ustanovki dlia podzemnykh rabot. Moskva, Gosgortekhizdat, 1962. 182 p.

Mel'numov, L.G., E.I.Orlov, and N.A.Filimonov. [Mining machinery for strip mining] Gornye mashiny dlia otkrytykh rabot. Moskva, Gosgortekhizdat, 1962. 470 p.

Mining equipment for the deepening of vertical shafts. I.G.Kurasanov. Shakht.stroi. 6 no.11:3-4 N '62.

MINING MACHINERY—ABSTRACTS

[Manufacture of construction equipment and road machinery. Mining machinery] Ref.zhur.Otd.vyp 43 Stroi i dor.mashinostr. Gor.mash. no.24 D '62

MINIOVICH, IAKOV MIKHAILOVICH, 1893-1961

IAkov Mikhailovich Miniovich, obituary. Inzh.-fiz.zhur. 5 no.6 136-137 Je '62.

MINNOWS see subdivision under Pechora District

MINSK—AUTOMOBILE INDUSTRY WORKERS

Headquarters of cultural affairs. E.Makukhin. Sov. profsoiuzy 18 no.22:29 N '62.

MINSK—BICYCLES AND TRICYCLES

Lagunovskii, M.I. [Party organization and the mass introduction of technological innovations] Partorganizatsiia i massovoe tekhnicheskoe tvorchestvo. Minsk, Gos.izd-vo BSSR, 1962. 44 p. (Iz opyta partiinoi raboty)

MINSK—COMMUNITY CENTERS

Headquarters of cultural affairs. E.Makukhin. Sov. profsoiuzy 18 no.22:29 N '62.

MINSK—CONSTRUCTION INDUSTRY—MANAGEMENT

Work practice of volunteer economic council in the Minsk Trust No.1. M.Stepanov, L.Ruderman. Ekon.stroi no.12:35-37 D '62

MINSK—MOTORCYCLE INDUSTRY

Lagunovskii, M.I. [Party organization and the mass introduction of technological innovations] Partorganizatsiia i massovoe tekhnicheskoe tvorchestvo. Minsk, Gos.izd-vo BSSR, 1962. 44 p. (Iz opyta partiinoi raboty)

MINSK—POLICE

The guardians of law and order. I.Karmalitava. Belarus' 19 no.11:8 N '62.

MINSK—RETAIL TRADE

A voluntary inspector of retail trade. N.Navitskaia. Belarus' 19 no.11:4 N '62.

MINSK—TRACTOR INDUSTRY

Maryts', N.A. [So that our beacon lights may shine more brightly] Khtoby iarche svetili maiakl. Minsk, Gos.izd-vo BSSR, 1962. 37 p. (Iz opyta partiinoi raboty)

MINSK PROVINCE—COOPERATIVE SOCIETIES

For economy and thrift. Sov.potreb.koop. 6 no.9:24-26 S '62.

MINSK PROVINCE—TECHNOLOGICAL INNOVATIONS

Let us carry out the decisions of the 22nd Congress of the CPSU. V.F.IAzykovich. Mekh.i aviom.proizv. 18 no.11:23-26 N '62.

MINUSINSK BASIN—GEOLOGY, STRUCTURAL

Tectonic pattern of the sedimentary cover in the South Minusinsk Lowland. V.S.Surkov, V.I.Semerkin. Trudy SNIIGGIMS no.10:15-22 '60.

MINUSINSK BASIN—PETROLEUM GEOLOGY

Practice in locating fracture-type reservoir rocks in Jivet sediments of the South Minusinsk Lowland based on the materials of combined field geophysical studies. Z.A.Kazkova, N.I.Mikova. Trudy VNIGRI no.193 224-243 '62.

MIRRORS

"Incredible" tricks of conical optics. L.Eidel's. Tekh.mol. 30 no.10 37 '62.

MISCONDUCT IN OFFICE

"SOS" of collective farm machinery. A.Aginskii. Sov.iust. no.22 27-28 N '62.

MITES—EXTERMINATION see subdivision under Black Sea region

MITRAL VALVE—DISEASES

Prevention of a recurrent circulatory disorder in mitral heart defects [with summary in English] G. L. Kats. Vrach. delo no. 12:19-23 D '62.

Significance of phono-, vecto- and ballistocardiography in the complex evamination of mitral defects of the heart. N. P. Malyshkin Kardiologiia 2 no. 5 69-71 S-O '62.

MITRAL VALVE—SURGERY

Changes in the hemodynamics of the lesser circulation during mitral commissurotomy [with summary in English]. E. N. Meshalkin and others. Klin. med 40 no. 10:36-42 O '62

Emergency mitral commissurotomy as a therapeutic method in acute pulmonary edema in patients with mitral stenosis [with summary in English]. E. N. Meshalkin and others Farmakologiia 2 no. 5:11-15 S-O '62.

Postoperative mental disorders in patients with mitral heart defects, following mitral commissurotomy V. M. Banshchikov, I. S. Romanova. Trudy Gos. nauch.-issl. inst. psikh. 25 551-567 '61

Psychoses in patients with acquired heart defects who have undergone mitral commissurotomy. V. M. Banshchikov, I. S. Romanova. Trudy Gos. nauch.-issl. inst. psikh. 25:560-580 '61.

Treatment of acute pulmonary edema under anesthesia in patients with mitral stenosis. IU. S. Ezhov Vest. AMN SSSR 17 no. 8:29-34 '62.

Vectorcardiogram before and after mitral commissurotomy [with summary in English]. V. S. IUrasov. Kardiologiia 2 no. 5 48-55 S-O '62.

MITRIDAT MOUNTAIN—INSCRIPTIONS, GREEK

Greek inscriptions from accidental finds on the Mitridat Mountain. A. I. Boltunova. Mat. i issl. po arkheol. SSSR no. 103:206-209 '62.

MITSKEVICH, KONSTANTIN MIKHAILOVICH, 1882-1956

Builder. Boris Burtian. Teatr 23 no. 11:124-126 N '62.

First comments. I. Bas. Belarus' 19 no. 11:17-19 N '62.

IAkub Kolas as translator. V. Rahoisha. Belarus' 19 no. 11:15 N '62.

New documentary materials relating to IAkub Kolas' participation in community life. E. Braver, A. Ramanenka. Belarus' 19 no. 11:9 N '62

"The poem 'New land' by IAkub Kolas" by Oleg Loiko Reviewed by V. Kolesnik Vop. lit 6 no. 11 233-234 N '62.

"A strange story", a translation of White Russian tales into Russian. Reviewed by M. Bazarevich. Belarus' 19 no. 11 28 N '62.

Unknown letters of the famous White Russian poet. Submitted by D. Mitskevich, M. Bazarevich. Belarus' 19 no. 12:24 D '62.

We have visited a man whom IAkub Kolas portrayed in his trilogy "At the crossroads." R. Dodzin. Belarus' 19 no. 11:16 N '62.

MIXING MACHINERY

Automation of mortar mixers. I. Olenich, N. Bunov. Na stroi. Ros. 3 no. 9:12 S '62.

Bitumen measuring hopper for the D-333 automatic mixer. M. I. Fomin, I. A. Kulev. Mekh. stroi. 19 no. 12,24 D '62.

New continuous action mixer. K. L. Shcherbakov. Lit. proizv. no. 11:13-14 N '62.

The S-289A mortar mixer. K. M. Korolev. Mekh. stroi. 19 no. 10:25 O '62

MKHITHAR GOSH, d. 1207?

"Albanian chronicle" by Mkhithar Gosh. Reviewed by A. A. Seid-Zade. Izv. AN Azerb. SSR Ser. obshchestv. nauk no 10 103-105 '61.

MOCH'ALSKII, DMITRII KONSTANTINOVICH, 1908-

Glebacheva, S. I. Dmitrii Konstantinovich Mochan'skii Leningrad, Knudozhnik RSFSR, 1962 49 p illus. (MH)

MODERN ARCHITECTURE see Architecture, Modern

MODERNISM (ART)

From the treasure house of Marxist aesthetic thought. Kommunist 39 no. 1, 95-100 Ja '63.

MODULAR COORDINATION (ARCHITECTURE)

Akademiia stroitel'stva i arkhitektury SSSR. Institut obshchestvennykh zdanii i sooruzhenii. [Standardization of elements for buildings for various purposes] Unifikatsiia elementov zdanii razlichnogo naznachenita; sbornik materiatov. Pod red. D. B. Khazanova. Moskva, Gosstroiizdat, 1962, 173 p.

MOGILEV—LEATHER INDUSTRY

In 45 years. D. Kalesnikau. Belarus' 19 no. 11:6-7 N '62.

MOGILEV PROVINCE—AGRICULTURAL MACHINERY

Nazarov, S. I., and N. M. Perel'man. [In the advanced line, from work practices of rural inventors and innovators in Mogilev Province] Na peredovoi linii, iz opyta raboty sel'skikh izobretatelei i ratsionalizatorov Mogilevshchiny. [Minsk] Sel'khozgiz BSSR, 1962. 73 p.
(DNAL)

MOGILEV PROVINCE—PLANTS, PROTECTION OF

Farms are helped by interdistrict units V. V. Volchenko Zashch. rast. ot vred. i bol 7 no. 2 7 F '62

MOGILEV PROVINCE—SPRAYING AND DUSTING

Struggle for crops. Z. L. Shul'man, P. S. Afinovskii. Zashch. rast. ot vred. i bol 7 no. 8:8-9 Je '62.

MOHAMMEDANISM see subdivision under Azerbaijan

MOISTURE

Comparative testing of methods and apparatus of various design for determining grain moisture L. N. Liubarskii, A. A. Rybkina, N. V. Gracheva Trudy VNIIZ no. 39,41-63 '60.

MOISTURE—MEASUREMENT

Rapid method of determining leather moisture. V. L. Voitsekhovskii, N. A. Shukhnina. Nauch.-issl. trudy TSNIKP no. 32 28-37 '60.

MOLD, VEGETABLE see Humus

MOLDAVIA—AGRICULTURAL MACHINERY

Problems in using agricultural machinery in sugar beet cultivation on collective farms of the Moldavian S. S. R. F. P. Khriplivyi. Izv. AN Mold. SSR no. 2, 3-12 '62.

MOLDAVIA—AGRICULTURAL MACHINERY—MAINTENANCE AND REPAIR

Machines must be in good working order. V. Golban. Sel'. mekh. no. 10, 5-6 '62.

MOLDAVIA—CANNING INDUSTRY

Five more canning plants. IU. L. Zemlisk, A. I. Shor Kons i ov. prom 17 no. 12 35 D '62.

MOLDAVIA—CAPITAL INVESTMENTS

Golovenko, N. A., and A. S. IArotskii. [Planning capital investments and unfinished construction in the industry of the Moldavian S. S. R.] Planirovanie kapital'nykh vlozhenii i nezavershennoe stroitel'stvo v promyshlennosti Moldavskoi SSR (po dannym 16 stroek). Kishinev, Izd-vo "Shtiintsa," 1962. 32 p (Serija: Ekonomicheskaia effektivnost' kapital'nykh vlozhenii i vnedrenila novoi tekhniki)

MOLDAVIA—CARP

Combined rearing of carp and whitefish on a commercial carp farm. G. A. Golovkov, A. G. Konradt. Trudy sov. likht. kom. no. 14 59-63 '62.

MOLDAVIA—COLLECTIVE FARMS—FINANCE

Formation of superdifferential income on collective farms of the Moldavian S. S. R. IA. S. Cheban Izv. AN Mold. SSR no. 2 62-74 '62.

MOLDAVIA—COLLECTIVE FARMS—INTERFARM COOPERATION

Intercollective farm building organizations in Moldavia. G. Titov. Ekon. sel'khoz. 33 no. 11:99-105 N '62.

MOLDAVIA—CONSTRUCTION INDUSTRY—MANAGEMENT

Golovenko, N. A., and A. S. IArotskii. [Planning capital investments and unfinished construction in the industry of the Moldavian S. S. R.] Planirovanie kapital'nykh vlozhenii i nezavershennoe stroitel'stvo v promyshlennosti Moldavskoi SSR (po dannym 16 stroek). Kishinev, Izd-vo "Shtiintsa," 1962. 32 p. (Serija: Ekonomicheskaia effektivnost' kapital'nykh vlozhenii i vnedrenila novoi tekhniki)

MOLDAVIA—EUROPEAN CORN BORER

European corn borer and its control. N. IA. Ribina, M. A. Kuznetsova, IA. L. Grozman Zashch. rast. ot vred. i bol 7 no. 8:29-30 Ag '62.

MOLDAVIA—INDUSTRIAL EQUIPMENT—MAINTENANCE AND REPAIR

Centralization of the repairing of clothing industry equipment in Moldavia. A. L. Ioffe, Shvein. prom. no. 6:35-38 N-D '62.

MOLDAVIA—MACHINERY INDUSTRY

Specialization of the machine building industry in Moldavia. S. I. Kirka. Izv. AN Mold. SSR no. 2:13-23 '62.

MOLDAVIA—OAK

Transpiration of plants in dry pubescent oak forests of Moldavia [with summary in English]. K. R. Vitko. Bot. zhur. 47 no. 10:1455-1463 O '62.

MOLDAVIA—PEAR

Biochemistry of pear. V. V. Arasimovich and others. Vop. fiziol. i biokhim. kul't. rast. no. 2:3-29 '62.

MOLDAVIA—PLANTS—TRANSPIRATION

Transpiration of plants in dry pubescent oak forests of Moldavia [with summary in English]. K. R. Vitko Bot. zhur. 47 no. 10:1455-1463 O '62.

MOLDAVIA—PLANTS, PROTECTION OF—STUDY AND TEACHING

We are raising the qualifications of specialists. A. F. Ryzhov, A. F. Sal'nikova, E. Evgrafova Zashch. rast. ot vred. i bol. 7 no. 6:59 Je '62

MOLDAVIA—QUARRIES AND QUARRYING

Overall mechanization of underground mining of wall stone A. I. Moldovan Mekh. stroi 19 no. 12 32-34 D '62.

MOLDAVIA—QUINCE

Biochemistry of quince I. A. Fraiman, O. V. Miasoi Vop. fiziol. i biokhim. kul't. rast. no. 2, 50-51 '62

MOLDAVIA—SOYBEAN

Applying herbicides to soybean fields. L. I. Iherartsia Zashch. rast. ot vred. i bol 7 no. 8 27-28 Ag '62

MOLDAVIA—SPRAYING AND DUSTING EQUIPMENT

System of machines for plant protection in Moldavia. E. E. Dibner. Zashch. rast. ot vred. i bol. 6 no. 13 Ag '61.

MOLDAVIA—STONECUTTING

Some problems in using industrial equipment at the stone industry enterprises in the Moldavian S. S. R. P. V. Kozhukhar'. Izv. AN Mold. SSR no. 2 28-35 '62

MOLDAVIA—SUGAR BEETS

Problems in using agricultural machinery in sugar beet cultivation on collective farms of the Moldavian S. S. R. F. P. Khriplivyi. Izv. AN Mold. SSR no. 2, 3-12 '62.

MOLDAVIA—SUNFLOWER SEED

Stimulating the production of sunflowers and their processing. F. M. Gil'man. Izv. AN Mold. SSR no. 2, 36-43 '62.

MOLDAVIA—TRADE UNIONS—OFFICERS

There will be no profit from such "visits." IA. Barbers Sov. profsoiuzy 18 no. 23:23 D '62

MOLDAVIA—WEED CONTROL

Applying herbicides to soybean fields. L. I. Iherartsia Zashch. rast. ot vred. i bol 7 no. 8:27-28 Ag '62

MOLDAVIA—WHITEFISHES

Combined rearing of carp and whitefish on a commercial carp farm. G. A. Golovkov, A. G. Konradt. Trudy sov. likht. kom. no. 14 59-63 '62.

MOLDAVIAN FOLKLORE see Folklore, Moldavian

MOLDING (FOUNDING)

Casting heating radiators in chill molds. P. I. Gorbunov, Z. Kh. Gitzev. Lit. proizv. no. 11:14 '62.

Casting weights for vibration dampers in high-voltage transmission systems. D. V. Lebedev. Lit. proizv. no. 11:41 N '62.

Nonsteady-state temperature field and thermoelastic stresses in a plate [with summary in English]. P. I. Khristichenko. Inzh.-fiz. zhur. 5 no. 6:77-80 Je '62

Technology of molding steel castings in a sodium silicate mixture. N. I. Averbukh. Lit. proizv. no. 11:7-9 N '62.

MOLDING (FOUNDING)—EQUIPMENT AND SUPPLIES

Plastic molds. V. A. Skazhennik. Standartizatsiia 26 no. 12:21-23 D '62.

MOLDS (BOTANY)

Effect of mold fungi on the corrosion of metals. G. N. Alibitskaia, N. A. Shaposhnikova. Vest. elektropromyshl. 33 no. 12:28-31 D '62.

MOLE RAT see subdivision under Odessa Province

MOLECULAR ASSOCIATION

Association of rhodamine 6G molecules in mixtures of chloroform and carbon tetrachloride. I. V. Levshin, T. D. Slavnova. Vest. Mosk. un. Ser. 3: Fiz., matem. i est. 17 no. 6:24-27 N-D '62.

Study of the association of the rhodamines 3B and 6G in aqueous solutions. D. G. Baranova. Opt. i spektr. 13 no. 5:883-889 N '62.

MOLECULAR DYNAMICS

Scattering power of molecules in the liquid state in Raman scattering of light [with summary in English]. I. L. Babich, I. I. Kondilenko, V. L. Strizhevskii. Ukr. fiz. zhur. 7 no. 7:742-747 Jl '62.

MOLECULAR ORBITALS

Structure of uranyl and its analogs. M. E. Diatkina, IU. N. Mikhailov. Zhur. strukt. khim. 3 no. 6:744-747 '62.

MOLECULAR ROTATION

Rotational mobility and form of molecules [with summary in English]. F. Kh. Tukhvatullin, M. F. Vuks. Ukr. fiz. zhur. 7 no. 7:760-762 Jl '62.

MOLECULAR SPECTRA

Empirical relationships between force constants, lengths, and frequencies of nitrogen-oxygen bond stretching vibrations. IU. IA. Khaitonov. Izv AN SSSR Otd khim nauk no. 11:1953-1958 N '62.

Feasibility of induced radiation in systems with electronic-vibrational levels V. L. Broude and others Fiz. tver. tela 4 no. 10:2976-2978 O '62.

Molecular interaction and Fermi resonance in Raman spectra. I. I. Babich, I. I. Kondilenko, V. L. Strizhevskii. Opt. i spektr. 13 no. 5 642-646 N '62.

Study of the electron-vibrational systems of bands of some diatomic molecules [with summary in English]. F. S. Ortenberg. Ukr. fiz. zhur. 7 no 11:1223-1225 N '62.

Universal effect of the internal field and the position of electron spectra of molecules in solutions [with summary in English]. N. G. Bakhshiev. Ukr. fiz. zhur. 7 no. 7:748-750 Jl '62.

MOLECULAR WEIGHTS

Determination of molecular weights and carbonyl groups of cotton lignins. N. N. Shorygina, Kh. R Niiazov. Izv. AN SSSR. Otd. khim. nauk no. 11.2004-2005 N '62

MOLECULES

Hypersonic properties of liquids and molecular structure [with summary in English]. M. I Shakhparonov and others. Ukr. fiz. zhur. 7 no. 7 782-786 Jl '62.

On the theory of Rayleigh scattering of light and the distribution of molecule orientation in liquids [with summary in English]. M. I. Shakhparonov. Ukr. fiz. zhur. 7 no. 7:782-786 Jl '62.

Structure of cellulose chain molecules. V I Ivanov and others Trudy LTA no 91 33-37 '60.

MOLECULES—MODELS

Use of an ionic model for calculating molecular vibrations of alkaline earth metal halides. K. S. Krasnov, A. I. Makarenov. Zhur. struktur. khim 3 no. 6 703-706 '62.

MOLLUSKS see subdivision under Caspian Sea

MOLLUSKS—PARASITES see Parasites—Mollusks

MOLLUSKS, FOSSIL

Kvaliashvili, G. A. [Oncophora (Rzehakia) horizon of Eurasia] Onkofarovyi (rzegakievyi) gorizont Evrazii. Tbilisi, Izd-vo Akad. nauk Gruzinskoi SSR, 1962. 231 p

MOLOCHNAYA VALLEY—WATER, UNDERGROUND

Evaluation of the possibilities of the movement of moisture in the aeration zone of the Dnieper-Molochnaya interfluve on the basis of studying the content of connate water. M. M. Kostianoi, V. I. Lialko. Geol. zhur. 22 no. 5:61-66 '62.

MOLYBDENUM—ANALYSIS

Determination of microgram quantities of molybdenum and tungsten in mineral raw materials by means of toluene-3, 4-dithiol [with summary in English] N. A Stepanova, G. A. IAkunina. Zhur. anal. khim. 17 no. 7:859-864 O '62.

Determination of molybdenum and vanadium in steel by the method without chipping. L. I. Ganago. Izv. vys. uch. zav.; khim. i khim. tekh. 5 no. 1:670-671 '62.

Extraction of molybdenum and tungsten from aqueous solutions. B. N. Laskorin, V. S. Ul'ianov, R. A. Sviridova. Zhur. prikl. khim. 35 no. 11.2409-2414 N '62.

MOLYBDENUM—THERMAL PROPERTIES

Heat capacity and enthalpy of molybdenum in the temperature range 60-2100°C. [with summary in English]. V. IA. Chekhovskoi. Inzh.-fiz. zhur. 5 no. 6:43-47 Je '62.

MOLYBDENUM-IRON ALLOYS see Iron-molybdenum alloys

MOLYBDENUM ORES see subdivision under Armenia

MOLYBDENUM-TITANIUM ALLOYS see Titanium-molybdenum alloys

MOMENTS OF INERTIA

Moments of inertia of a heated nucleus and the angular anisotropy of fission fragments [with summary in English]. IU. T. Grin'. Zhur. eksp. i teor. fiz. 43 no. 5:1880-1884 N '62.

MONASTERIES see subdivision under Svyatogorsk

MONEY
(see also subdivision under Bashkiria)

Leningrad. Finansovo-ekonomicheskii institut. [Money circulation and credit in the U. S. S. R.; a textbook] Denezhnoe obrashchenie i kredit SSSR; uchebnoe posobie. [Leningrad] Izd-vo Leningradskogo univ., 1962. 234 p.
(MH)

Several problems of currency circulation and credit in capitalist countries. A. Palaguta. Den. i kred. 20 no 10.77-87 O '62.

MONGOLIA

Exhibition of traditional Mongolian art. U. IAdamsuren, B Rabsal Sovr. Mong 7 no. 6 22-23 Ag '62.

MONGOLIA—DESCRIPTION AND TRAVEL

"In the country of archers" [in German] by Kurt David Reviewed by L. Enkhe Sovr. Mong 7 no 6 19 Ag '62

MONGOLIA—ECONOMIC ASSISTANCE

A symbol of fraternal friendship Sovr Mong 7 no 6 7 Ag '62

MONGOLIA—FOREIGN RELATIONS

Foreign policy of the Mongolian People's Republic directed to the maintenance of lasting peace Sovr Mong 7 no 8 1-2 Ag '62

MONGOLIA—HARVESTING

Twenty-one million poods of grain will be harvested Sovr Mong 7 no 8 3-4 Ag '62.

MONGOLIA—MEDICAL ASSISTANCE, RUSSIAN

Russian medicine in pre-revolutionary Mongolia. E. M. Darevskaia. Trudy Ink. un. 29:204-210 '61.

MONGOLIA—PIKAS—DISEASES AND PESTS

Plague epizootics affecting the pika Ochotona pallasii Gray in the northwestern part of the Mongolian People's Republic [with summary in English]. V. S. Vashchenok. Zool. zhur. 41 no. 10 1548-1555 O '62.

MONGOLIA—PLAGUE

Plague epizootics affecting the pika Ochotona pallasii Gray in the northwestern part of the Mongolian People's Republic [with summary in English]. V. S. Vashchenok. Zool. zhur. 41 no. 10:1548-1555 O '62.

MONGOLIA—PROSPECTING

Gunganiam goes to the taiga. L. Enkhe. Sovr. Mong. 7 no 8 10 Ag '62

MONGOLIA—REINDEER

Reindeer in a raincoat Chuluunkhu. Sovr. Mong 7 no. 8 16-17 Ag '62.

MONGOLIA—SWINE

An outstanding woman swine breeder D. Zorig. Sovr. Mong. 7 no 8 16 Ag '62

MONGOLIA—WATER RESOURCES DEVELOPMENT

Water resources of the rivers of the Mongolian People's Republic and ways to utilize them E. Damba, E S Matveev Gidr. stroi 33 no 10.31-37 O '62

MONKEYS—PHYSIOLOGY

Indices of normal peripheral blood and bone marrow in the Macaca rhesus monkeys [with summary in English]. I. N. Usacheva, N. V. Raeva. Biul. eksp. biol. i med. 54 no. 11:106-109 N '62.

MONOCHROMATOR

Design of a neutron monochromator consisting of several disks with a longitudinal axis of rotation [with summary in English]. V. P. Vertebnyi, V. V. Kolotyi. Ukr. fiz. zhur. 7 no. 9:975-979 S '62.

MONOSACCHARIDES

Polysaccharides in complete antigen and other polysaccharide fractions in B Breslau and in secondary cultures regenerated from its filtrates Report No 3 Quantitative determination of monosaccharides and polysaccharides by the chromatographic method [with summary in English] I IA Zakharova Mikrobiol zhur 24 no 2:18-22 '62

MONTMORILLONITE see subdivision under Uzbekistan

MOON

Similarity and dissimilarity in the geological development of the earth-moon system. Konrad Beneah. Izv. AN SSSR. Ser. geol. 27 no. 11:50-57 N '62.

MOON—CURIOSA AND MISCELLANY

Moon tale. N. Sorokin. Znan.-sila 37 no. 9. 32-33 S '62.

MOON—SURFACE

Moon is made on earth. R. Tolstov. Znan.-sila 37 no. 9:21 S '62.

What causes the rocks on the moon to glow. N. S. Beskrovnyi. Priroda 51 no. 12:100 D '62.

MOON—TEMPERATURE AND RADIATION

Lunar diurnal variations in cosmic rays. G. F. Krymskii. Trudy IAF AN SSSR. Ser. fiz. no. 4:108-110 '62.

MORAINES

Vinokurov, E. F. [Structural properties of moraine soil] Stroitel'nye svoistva morennykh gruntov. Minsk, Izd-vo AN BSSR, 1962, 122 p.

MORAL EDUCATION

Inculcation of lofty ethical principles in the students of military schools P Fdemskii Komm Vooruzh Sil 3 no 24 49-52 D '62

Moral and character training of the rifleman A. Maksimov. Voen znan. 38 no. 12:30-31 D '62.

Vocational schools should have a training program. M. Rashchinskii, M. Adaskin. Prof.-tekh. obr. 19 no. 8 7-8 Ag '62.

Work and moral education in a kindergarten. V. Kotyrlo. Doshk. vosp. 35 no. 12 63-68 D '62.

MORDOVIA—EDUCATION

Saransk. Nauchno-issledovatel'skii institut iazyka, literatury, istorii i ekonomiki [Public education in Mordovia; documents and materials] Narodnoe obrazovanie Mordovskoi ASSR, dokumenty i materialy. Saransk, Mordovskoe knizhnoe izd-vo
Vol. 1. 1918-1928. 1962.
(MH)

MORDOVIA—HISTORY

Zhiganov, M. F. [M. I. Kalinin in Mordovia, on the history of the operations of the members of the October Revolution propaganda train in Mordovia during 1919] M I Kalinin v Mordovii, k istorii deiatel'nosti kollektiva agitpoezda Oktiabr'skaia revolutsiia v Mordovii v 1919 g Saransk, Mordovskoe knizhnoe izd-vo, 1961 47 p.
(MH)

MORDVINIAN A. S. S. R. see Mordovia

MORELLI, GIOVANNI, 1371-1444

Giovanni Morelli, a study of the social roots of the Italian Renaissance [with summary in English, p 210] L M Batkin Vop ist no 12 88-106 D '62.

MOROCCO—COMMERCE

Soloniskii, A. S. [Morocco; its economy and foreign trade] Marokko, ekonomika i vneshniaia torgovlia Moskva, Vneshtorgizdat, 1962. 115 p

MOROCCO—ECONOMIC CONDITIONS

Soloniskii, A. S. [Morocco, its economy and foreign trade] Marokko, ekonomika i vneshniaia torgovlia Moskva, Vneshtorgizdat, 1962 115 p

MORPHOLINE

Oxidizability of thickened oils and the effect on it of the derivatives of morpholine. S. Z. Kaplan, A. P. Galashina Zhur. prikl. khim. 35 no. 11 2526-2533 N '62.

MORTAR

Automation of mortar mixers. I. Olenich, N. Burov. Na stroi. Ros. 3 no. 9:12 S '62.

The S-269A mortar mixer K. M Korolev. Mekh stroi. 18 no 10 25 O '62

MOSAICS

The root of the word is "muse" A Rogov IUn tekh 7 no 11 45-48 N '62

MOSCOW—AGRICULTURAL EXHIBITIONS

Moscow. Vsesoiuznaia sel'skokhoziaistvennaia vystavka. [Advanced practices of the participants in the All-Union Agricultural Exhibition represented at the Pavilion of the Georgian S. S. R.] Peredovoi opyt uchastnikov Vsesoiuznoi sel'skokhoziaistvennoi vystavki, predstavlennykh v pavil'one Gruzinskoi SSR, Tbilisi, Izd-vo "Zaria Vostoka," 1960. 84 p.
(DNAL)

MOSCOW—AGRICULTURE—EXHIBITIONS

In the "Agriculture" Pavilion. N. A. Kuznetsov, Z. A. Astashova, V IA. Smirnova Zemledelie 24 no 7 76-85 Jl '62

MOSCOW—ANTHROPOLOGICAL MUSEUMS AND COLLECTIONS

New exhibits at the Museum of Anthropology. M. F. Nesturkh. Priroda 51 no. 12:107-108 D '62.

MOSCOW—APARTMENT HOUSES

The Communist Youth League and the Young People's Division are building A. Rubina Na stroi Ros 3 no 8.18-19 Ag '62

Construction of houses from keramzit-concrete slabs. A. Romashko, G. Gnilavenko. Na stroi. Ros. 3 no. 9: 31-33 S '62.

Cooperative construction of apartment houses in Moscow, A. V. Riabinin. Gor. khoz. Mosk. 36 no. 11:3-4 N '62.

Fourteen-story apartment house for small families. D Burdin, M Savchenko Stroi i arkhit Mosk 11 no 12 19-20 D '62

MOSCOW—AUDITING AND INSPECTION

Closer to the economic work of financial organs. S. Grachev. Fin. SSSR 23 no. 11:75-77 N '62.

MOSCOW—AUTOMOBILE INDUSTRY—HYGIENIC ASPECTS

Where "Moskvich" is born. S. Alekseandrov. Okhr. truda i sots strakh. 5 no 11:24-25 N '62.

MOSCOW—AUTOMOBILE INDUSTRY—INFORMATION SERVICES

Technical information in enterprises. T. Vvedenskii Part. zhizn' no. 24:20-23 D '62.

MOSCOW—AUTOMOBILE INDUSTRY—TECHNOLOGICAL INNOVATIONS

Voluntary constructors. V. Sadovnikov, M. IAsinovskii Agitator no. 11:17 Je '62.

MOSCOW—BALLET

Friends from Lvov. M. Rittikh. Sov. muz. 26 no. 10: 78-86 O '62.

Problems of the Bolshoi Theater. Sov. muz. 26 no. 10: 72-78 O '62.

"Vanina Vanini." N. Chernova. Teatr 23 no. 11:111-112 N '62.

MOSCOW—BEARING INDUSTRY—ACCOUNTING

Using a standard accounting method to control production costs. F. Chaikin. Bukhg. uchet 19 no. 11, 1-4 N '62.

MOSCOW—BOOKSELLERS AND BOOKSELLING

On the Spasskii bridge. Ratmir Tumanovskii. Sov. knizh. torg. 14 no. 11:47 '62.

MOSCOW—BRIDGES, CONCRETE

Avtozavod Bridge. E. Kryl'tsov, S. Terekhin. Stroi. i arkhit. Mosk. 11 no. 1 14-16 Ja '62.

MOSCOW—BUILDING MATERIALS—TRANSPORTATION

"Practice and efficiency of centralized transportation of building materials in Moscow" by I. S. Oves and others. Reviewed by A. Kondrashov. Ekon. stroi. no. 12:66-67 D '62.

MOSCOW—BUILDING MATERIALS INDUSTRY

Organization of supply agencies. S. P. Artem'ev. Gor. khoz. Mosk. 36 no. 10:47-48 O '62.

MOSCOW—CARTOGRAPHY—STUDY AND TEACHING

Practical work for students of the Moscow Institute of Geodetic, Aerial Survey, and Cartographic Engineers. G. V. Bagratuni, I. IA. Bekritskii. Geod. i kart. no. 4 3-7 Ap '62.

MOSCOW—CHESS—TOURNAMENTS

Aggressiveness is her style. V. Vasil'ev. Ogonek 40 no. 39 12-13 S '62.

MOSCOW—CITY PLANNING

Biggest assignment in city planning. B. Rubanenko, L. Dubek. Stroi. i arkhit. Mosk. 11 no. 11 6-11 N '62.

The capital in 1962. T. Selivanov. Stroi. i arkhit. Mosk 11 no. 1 2-4 Ja '63.

Cherkizovo today and tomorrow. A. Rochegov. Stroi i arkhit. Mosk 11 no. 10:8-10 O '62.

New residential area in the capital. P. Zinov'ev. Na stroi. Ros. 3 no. 8 16-17 Ag '62.

On a creative quest. N. Pekareva. Stroi. i arkhit. Mosk 11 no. 1 6-9 Ja '62.

Present-day requirements for outdoor public areas in the city. I. A. Tolstoi. Gor. khoz. Mosk. 36 no. 10: 20-23 O '62.

Problems of construction and reconstruction in Moscow. G. Fomin. Na stroi. Ros. 3 no. 6, 12-16 Ag '62.

MOSCOW—COMMUNIST YOUTH LEAGUE

The Communist Youth League and the Young People's Division are building. A. Rubina. Na stroi. Ros. 3 no. 8 16-19 Ag '62.

MOSCOW—CONCERTS

At a good time. M. Maksakova. Sov. muz. 26 no. 10: 48-51 O '62.

Strolling through parks. A. Velichko, I. Strazhenkova. Sov. muz. 26 no. 11:107-110 N '62.

MOSCOW—CONSTRUCTION INDUSTRY

Greet the 45th anniversary of the October Revolution in a fitting manner. Gor. khoz. Mosk. 36 no. 10:1-3 O '62.

Greeting the October anniversary. Stroi. i arkhit. Mosk 11 no. 10:1 O '62.

In the Executive Committee of the Moscow Soviet. Stroi. i arkhit. Mosk 11 no. 1 3 of cover Ja '62.

In the Executive Committee of the Moscow Soviet. Stroi. i arkhit. Mosk 11 no. 10:36 O '62.

In the Executive Committee of the Moscow Soviet. Stroi. i arkhit. Mosk. 11 no. 11:3 of cover N '62.

In the Executive Committee of the Moscow Soviet. Stroi. i arkhit. Mosk 11 no. 12:31 D '62.

Oktiabr'skii District. A. S. Tufaeva. Gor. khoz. Mosk. 36 no. 10:4-9 O '62.

Use every minute efficiently. P. Kireev. Na stroi. Ros. 3 no. 6 4-5 Ag '62.

MOSCOW—DIRECTORIES

[Public services in Moscow] Bytovoe obsluzhivanie moskvichei. 2., dop. i perer. izd. [Moskva] Mosk. rabochii, 1962. 276 p.

MOSCOW—DRINKING AND TRAFFIC ACCIDENTS

The beginning was not equal to the end. A. Obukhov. Za bezop. dvizh. 5 no. 10,13 O '62.

You can not go away. V. Manzhosov. Za bezop. dvizh. 5 no. 10:11 O '62.

MOSCOW—ENSEMBLES (MUSIC), CROATIAN

"Lado" Ensemble. Georgii Poliakovskii. Sov. muz. 26 no. 11:101 N '62.

MOSCOW—ENSEMBLES (MUSIC), GERMAN

National character, originality, and skill. A. Tishchenko. Sov. muz. 26 no. 11:97-100 N '62.

MOSCOW—ENSEMBLES (MUSIC), KOREAN

National character, originality, and skill. A. Tishchenko. Sov. muz. 26 no. 11:97-100 N '62.

MOSCOW—EXHIBITIONS

Awards for participants in the Exhibition of Achievements of the National Economy of the U. S. S. R. for 1961. Mont. i spets. rab. v stroi. 24 no. 12:1-2 D '62

Exhibition of Polish export furniture in Moscow. A. S. Glebov. Der. prom. 11 no. 11 27-28 N '62

Moscow. Vystavka dostizhenii narodnogo khoziaistva SSSR. [Science on the march] Nauka na marshe, putevoditel'-ocherk. [By] O. Pisarzhevskii. Moskva, Gostoptekhizdat, 1962. 40 p.

New construction equipment and machinery. Sel'. stroi. no. 11 17-18 N '62.

New displays at the construction exhibition. A. Kozlov. Ekon. stroi no. 12:56-58 D '62.

New machinery at the "Building and road machinery" pavilion of the Exhibition of Achievements of the National Economy of the U. S. S. R. A. E. Volkova. Prom. stroi. 40 no. 11 62-64 '62

Tractors exhibited at the Italian Industrial Exhibitions in Moscow. G. G. Kolobov, M. K. Kopylov. Trakt. i sel'khozmash. 32 no. 9:45-47 S '62

UDU - 5 level indicator. A. Fainberg. Neftianik 7 no. 5 28 My '62.

Ukrainian Scientific and Technical Research Institute of Equipment and Machinery for Mine Construction at the Exhibition of Achievements of the National Economy of the U. S. S. R. I. A. Tokarev. Shakht. stroi. 6 no. 11, 27-28 N '62.

Valuable contribution to the development of trade. B. Viktorov. Vnesh. torg. 42 no. 12:22 '62.

MOSCOW—FINANCE

Closer to the economic work of financial organs. S. Grachev. Fin. SSSR 23 no. 11:75-77 N '62.

MOSCOW—GUIDEBOOKS

Vsesoiuznyi TSentral'nyi sovet professional'nykh Soiuzov. Turistsko-ekskursionnoe upravlenie. [Excursions around Moscow, its suburbs and museums] Ekskursii po Moskve, prigorodam i muzeiam. Moskva, Profizdat, 1947. 103 p.

MOSCOW—HOSPITALS

Expanding the system of public health institutions in Moscow. N. N. TSvetkov. Gor. khoz. Mosk. 36 no. 11:8-11 N '62.

MOSCOW—HOUSING

Serving the population by exchanging housing. V. G. Nikolaev. Gor. khoz. Mosk. 36 no. 11:19-20 N '62.

MOSCOW—KREMLIN—ELECTRIC LIGHTING

Electrical equipment of the Palace of Congresses in the Kremlin. S. A. Kliuev, L. A. TSiperman. Prom. energ. 17 no. 11:32-43 N '62

MOSCOW—KREMLIN—ELECTRIC POWER DISTRIBUTION

Electrical equipment of the Palace of Congresses in the Kremlin. S. A. Kliuev, L. A. TSiperman. Prom. energ. 17 no. 11:32-43 N '62

MOSCOW—LOCAL GOVERNMENT

Organizational work of a district soviet. V. P. Semin. Gor. khoz. Mosk. 36 no. 11:14-18 N '62.

MOSCOW—MACHINE-TOOL INDUSTRY

Innovations of "Krasnyi Proletarii" Plant workers. V. A. Romanov. Mashinostroitel' no. 11:18-20 N '62.

MOSCOW—MACHINERY INDUSTRY—PRODUCTION STANDARDS

Current problems in establishing work norms in industry. V. Bitunov. Sots. trud 7 no. 11:86-90 N '62

MOSCOW—MATHEMATICAL SOCIETIES

Abstracts of papers presented to and accepted by the Moscow Mathematical Society. Usp. mat. nauk 17 no. 5:186-188 S-O '62.

Meetings of the Moscow Mathematical Society. Usp. mat. nauk 17 no. 2:191-193 Mr-Ap '62.

Meetings of the Moscow Mathematical Society. Usp. mat. nauk 17 no. 3:205-208 My-Je '62.

Meetings of the Moscow Mathematical Society. Usp. mat. nauk 17 no. 5:183-184 S-O '62.

Summaries of papers submitted to and accepted by the Moscow Mathematical Society. Usp. mat. nauk 17 no. 2 194-200 Mr-Ap '62.

Summaries of reports submitted to and accepted by the Moscow Mathematical Society. Usp. mat. nauk 17 no. 3 209-213 My-Je '62.

MOSCOW—MILITARY EDUCATION

Red Banner Military School in Moscow. V. Samoilik Voen. znan. 38 no. 12:3-4 D '62.

MOSCOW—MONUMENTS

Moscow preserves the memory of Lenin. V. D. Pak'ber. Gor. khoz. Mosk. 36 no. 10:10-12 O '62.

MOSCOW—MOTION-PICTURE STUDIOS

"Mosfil'm." Vols. 1 and 2. Reviewed by O. Kreisler Isk. kino no. 12 153-156 D '62.

MOSCOW—MOTION-PICTURE THEATERS

"Kosmos" Motion-Picture Theater. Gor. khoz. Mosk. 36 no. 10:38 O '62.

New motion-picture theater in the capital. Stroi. i arkhit. Mosk 11 no. 12:18 D '62.

MOSCOW—MOTORBUSES

New city motorbuses. V. G. Kuznetsov. Gor. khoz. Mosk. 36 no. 10:17-19 O '62.

MOSCOW—MUNICIPAL BUILDINGS

Marriage Palace. A. N. Pakhomov. Gor. khoz. Mosk. 36 no. 10:35-37 O '62.

MOSCOW—MUNICIPAL SERVICES

Comments on articles published in "Gorodskoe khoziaistvo Moskvy." Gor. khoz. Mosk. 36 no. 11 43-44 N '62.

Public control in municipal services. D. P. Galperin. Gor. khoz. Mosk. 36 no. 10:12-15 O '62.

MOSCOW—MUSIC HALLS (VARIETY THEATERS, CABARETS, ETC.)

Without any compliments. M. Dolinskii, S. Cherlak. Sov. muz. 26 no. 11:102-103 N '62.

MOSCOW—MUSICIANS, BULGARIAN

Bulgarian musicians. V. O. Sov. muz. 26 no. 11 101 N '62.

MOSCOW—MUSICIANS, GREEK

Artists from Greece. N. Kazanskaya. Sov. muz. 21 no. 11:103-105 N '62.

MOSCOW—MUSICIANS, JAPANESE

"Dag-Dags" and the jazz orchestra of Watanabe. Oskar Feltsman. Sov. muz. 26 no. 11:105-107 N '62

MOSCOW—MUSICIANS, MONGOLIAN

Art of Mongolia. N. Mikolaev. Sov. muz. 26 no. 11 100-101 N '62.

MOSCOW—NURSERIES

New type of institutions for children. Stroi. i arkhit. Mosk. 11 no. 10 11 O '62.

MOSCOW—OIL INDUSTRIES

Socialist competition in the enterprises of oil, [illegible] and cosmetics industry under the Moscow [illegible] ic Council. V. U. Krechek. Masl.-zhir. prom. 28 no. 11:1-3 N '62.

MOSCOW—OPERA

Friends from Lvov. M. Rittikh. Sov. muz. 26 no. 10: 78-86 O '62.

Opera performances. G. Krinit. Teatr 23 no. 11: 154-155 D '62.

Problems of the Bolshoi Theater. Sov. muz. 26 no. 10: 72-78 O '62.

MOSCOW—PANORAMAS

"Battle of Borodino" panorama. N. D. Mironov. Gor. khoz. Mosk. 36 no. 11:26-28 N '62.

Building for the "Battle of Borodino" panorama. Stroi. i arkhit. Mosk. 11 no. 11:24-25 N '62.

MOSCOW—PIONEERS (COMMUNIST YOUTH)

[Our generation; pages from the history of the Moscow Pioneer organization] Nasha smena; stranitsy is istorii Moskovskoi pionerskoi organizatsii imeni V. I. Lenina. [By] V. G. IAkovlev i dr. [Izd. 2., ispr. i dop. Moskva] Mosk. rabochii, 1962. 263 p. (C81-11)

MOSCOW—PLANETARIA

Astrologer. G. Sorokina. Izobr. i rats. no. 11:32 N '62.

MOSCOW—POLICE

Worries and worries.... O. Kuprin. Ogonek 40 no. 39:14-15 S '62.

MOSCOW—POLITICS AND GOVERNMENT

[Bulletin of the Moscow Executive Committee] Biul. Ispol. kom. Mosk. gor. sov. no. 23 N '62.

MOSCOW—PRECAST CONCRETE CONSTRUCTION

New sections of the capital's subway. I. Shagin. Stroi. i arkhit. Mosk. 11 no. 12, 21-24 D '62

MOSCOW—PUBLIC HEALTH
Participation of the community in directing public health and cultural activities. A. B. Selivanov. Gor. khoz. Mosk. 36 no. 11 11-13 N '62.

MOSCOW—PUBLIC UTILITIES
Engineering equipment of the city. Gor. khoz. Mosk. 36 no. 11:34-35 N '62.

MOSCOW—RAILROADS—SALARIES, PENSIONS, ETC.
Hidden potentialities for railwaymen are not yet exhausted. P. Zhurin. Sots. trud 7 no 11 123-124 N '62.

MOSCOW—RETAIL TRADE—FINANCE
Strict control is necessary. L. Lipkin Fin. SSSR 23 no. 11:70-72 N '62.

MOSCOW—REVOLUTION, 1917-1921
"Victory of the October Revolution in Moscow, February-October, 1917" by A. IA. Grunt. Reviewed by F. L. Kurlat. Vop. ist. no. 11:177-180 N '62.

MOSCOW—ROADS
Crossings at the Moscow Ring Highway. V Vladimirov. Za bezop. dvizh. 5 no. 11 1-5 N '62.

MOSCOW—ROADS—BUILDINGS AND STRUCTURES
Architecture of service buildings on highways R Topuridze Stroi. i arkhit Mosk. 11 no. 1 31-33 Ja '62

MOSCOW—SANATORIUMS
Night sanatoriums for Moscow enterprises. G. M. Vinogradov. Gor. khoz. Mosk. 36 no. 10:32-34 O '62.

MOSCOW—SHOPPING CENTERS
Series of designs for buildings in a system of public services. I. Zakov. Arkhit. SSSR no. 7:46-52 '62.

MOSCOW—SKATING RINKS
Made of glass and reinforced concrete. A. Romashko, O Garkavenko Stroi. i arkhit Mosk 11 no 1.17-18 Ja '62.

MOSCOW—SOCIAL GROUP WORK
Participation of the community in directing public health and cultural activities. A. B. Selivanov. Gor. khoz. Mosk. 36 no. 11:11-13 N '62.

MOSCOW—SOVIETS
How they behave at the session and what they say after it. N. Monchadskaia. Sov deput. trud. no. 12:55-59 D '62.

MOSCOW—STEEL INDUSTRY—TECHNOLOGICAL INNOVATIONS
New pages. Mikhail Skorokhodov. Kul't. i zhizn' 6 no. 10:14-16 '62.

MOSCOW—STORES, RETAIL
"Furniture House" A. Obraztsov. Stroi. i arkhit Mosk. 11 no 12:2 -29 D '62

MOSCOW—STREETS
Transverse profiles of streets. V. E. Knorre. Gor. khoz. Mosk. 36 no. 11:32-33 N '62.

MOSCOW—STUDENTS, CUBAN
They are grateful to the Soviet people. F. Veredin. Prof.-tekh. obr. 19 no. 7 20-21 Jl '62.

MOSCOW—SUBWAYS
Construction of the Kaluzhskiy line of the Moscow subway. N. F. Karasev, I. M. IAkobson. Transp. stroi 12 no. 11: 26-29 N '62.
Kaluga radius of the subway. V. D. Polezhaev. Gor. khoz. Mosk. 36 no. 11:5-9 N '62.
Kaluga section of the subway. Stroi. i arkhit. Mosk. 11 no. 11:3-6 N '62.
New sections of the capital's subway. I. Shagurin. Stroi. i arkhit Mosk 11 no 12:21-24 D '62
New subway cars. G. V. Fedorov. Gor. khoz. Mosk. 36 no. 11:38-40 N '62.

MOSCOW—SURVEYING—STUDY AND TEACHING
Practical work for students of the Moscow Institute of Geodetic, Aerial Survey, and Cartographic Engineers. G. V. Bagratuni, I. IA. Bekitskii. Geod. i kart. no. 4: 3-7 Ap '62.

MOSCOW—SYMPHONY ORCHESTRAS
Opening of the concert season in Moscow. D. Blagoi. Sov. muz. 26 no. 11:90-97 N '62.

MOSCOW—TECHNICAL EDUCATION
Technical school helps transportation industry. M. Erotskii. Avt. transp. 40 no. 12:38 D '62.

MOSCOW—TEXTILE WORKERS—EDUCATION AND TRAINING
Every propagandist must be an organizer. IU. Leonov. Polit. samoobr. 6 no. 12:53-57 D '62.

MOSCOW—THEATER
"Bluebird," N. Krymova. Teatr 23 no. 12:152-153 D '62.

Builders of bridges talk about Medea S Abragam. Teatr 23 no 11:154 N '62.

Don't these statistics speak for themselves? E. Khodunova. Teatr 23 no. 11 160 N '62.

"The lower depths." L. Polikakova. Teatr 23 no. 12 150-151 D '62.

The new season in Moscow Teatr 23 no 11 148 N '62.

"Revolt of women." F. Kholodov Teatr 23 no 11:110-111 N '62.

Roberta with a cross on her neck. I. Okunev. Nauka i rel 4 no. 12 85-86 D '62.

"Warm heart." O. Dribinskaia. Teatr 23 no. 12:153-154 D '62.

MOSCOW—TRAFFIC ACCIDENTS
At intersections G Smirnov. Za bezop. dvizh 5 no 11:10-11 N '62.

From a misdemeanor to a crime. Za bezop. dvizh 5 no. 10 6-7 O '62.

On the Leningrad Avenue. E. Bobkov. Za bezop. dvizh. 5 no. 11 8-9 N '62.

A year has gone. P. Kharin. Za bezop. dvizh. 5 no. 10: 1-2 O '62.

MOSCOW—TRAFFIC ENGINEERING
At the west side of the capital Za bezop. dvizh. 5 no. 10 8-9 O '62

MOSCOW—TRAFFIC REGULATIONS
Order and execution V Vinogradov. Za bezop. dvizh. 5 no. 11 6-7 N '62.

MOSCOW—TRAFFIC SAFETY
Beacons of the seven-year plan V. IAkushin. Za bezop. dvizh. 5 no. 11 3 N '62.
Driving in a car with a loudspeaker. I. Krisiutul. Za bezop. dvizh. 5 no. 10:4-5 O '62.
"Secrets" of achievements. M. Vetchinov. Za bezop. dvizh. 5 no. 10:2-3 O '62.

MOSCOW—TRAFFIC SAFETY—STUDY AND TEACHING
In exchange for traffic safety corners. A. Kalachev, I Malovskii. Za bezop. dvizh. 5 no. 11:12-13 N '62.

MOSCOW—TRANSPORTATION
Effectiveness of new equipment in urban transportation. N. A. Papkov. Gor. khoz. Mosk. 36 no. 10:15-17 O '62.

MOSCOW—UNIVERSITIES AND COLLEGES—BUILDINGS
For the University of the Friendship of the Peoples V. Fursov. Stroi i arkhit Mosk 11 no 10 22-24 O '62.

MOSCOW—WAR MEMORIALS
Memorial to the glory of the Russian people A Zhuravlev, I. Ivanova. Stroi i arkhit Mosk 11 no 10 28-30 O '62.

MOSCOW—WATER COLORS—EXHIBITIONS
Thoughts on the exhibition of water-color paintings by Moscow artists. N. Volkov Iskusstvo 25 no. 10 31-37 '62.

MOSCOW, BATTLE OF, 1941-1942
Effect of the Battle of Moscow on the military, political and economic situation of fascist Germany. IA. V. Fridman. Trudy Ark. un. 29.67-116 '61.

MOSCOW, BATTLE OF, 1941-1942—BIBLIOGRAPHY see Bibliography—Moscow, Battle of, 1941-1942

MOSCOW PROVINCE—AGRICULTURE
Koroloy, V. P. [Under new conditions] V novykh usloviiakh. [Moskva] Mosk. rabochii, 1961. 50 p. (DNAL)
Moscow. (Province) Gosudarstvennyi istoricheskii arkhiv. [Guide to the State Historical Archives of Moscow Province] Gosudarstvennyi istoricheskii arkhiv Moskovskoi oblasti; putevoditel'. Pod red. S. O Shmidta. Moskva, 1961 345 p. (MH)

MOSCOW PROVINCE—BEANS
Pinching back and defoliation of forage beans in Moscow Province M P Fleukov, L I. Gromova, A V Novikova Zemledelie 24 no 7:31-35 Jl '62

MOSCOW PROVINCE—CARP
Rearing two-year-old Ctenopharyngodon idella, Aristichtys nobilis, Hypophthalmichthys molitrix, and Mylopharyngodon piceus together with carp in the ponds of Moscow Province under conditions of dense stocking. F. M. Sukhoverkhov, A. S. Ptsarenkova. Trudy sov. Ikht. kom. no. 14:69-73 '62.

MOSCOW PROVINCE—CEMENT INDUSTRIES
Put the hidden potentialities of the cement industry into operation. B. Kellerman. Fin. SSSR 23 no. 11:27-29 N '62.

MOSCOW PROVINCE—COMMERCE
Important condition for the satisfaction of customer demand. D. Gervash, L. Kropkii. Sov. potreb. koop. 6 no. 9:17-21 S '62.

MOSCOW PROVINCE—FINANCE
Good initiative. N. Nechaev. Fin. SSSR 23 no. 11:72-75 N '62.

MOSCOW PROVINCE—FISH CULTURE
Present state and future development of pond fish culture on collective and state farms in Moscow Province. P. G. Martyshev. Trudy sov. Ikht. kom. no. 14:130-132 '62.
Rearing two-year-old Ctenopharyngodon idella, Aristichtys nobilis, Hypophthalmichthys molitrix, and Mylopharyngodon piceus together with carp in the ponds of Moscow Province under conditions of dense stocking. F M Sukhoverkhov, A.S Ptsarenkova Trudy sov Ikht. kom. no 14.69-73 '62.

MOSCOW PROVINCE—FISHES—DISEASES AND PESTS
Epizootic state of ponds on collective and state farms of Moscow Province and measures for controlling fish diseases. A. IU. Shpolianskaia. Trudy sov. Ikht. kom no. 14:207-210 '62

MOSCOW PROVINCE—FOREST MANAGEMENT
Improving the planning and organization of seed procurement P A Surovtsev Les khoz 15 no. 7 50-54 Jl '62

MOSCOW PROVINCE—FRUIT—DISEASES AND PESTS
Eliminate focuses of pests and pathogenic agents S. P. Kochetov, I. V Sheremet. Zashch rast ot vred. i bol 7 no 6 10-11 Je '62

MOSCOW PROVINCE—LUPINE
Herbicides in pea and forage lupine fields. V. S. Birlukova. Zashch. rast. ot vred i bol. 7 no. 4 34-35 Ap '62.

MOSCOW PROVINCE—PEAS
Herbicides in pea and forage lupine fields V S. Birlukova. Zashch. rast. ot vred. i bol. 7 no. 4:34-35 Ap '62.

MOSCOW PROVINCE—RAILROADS
Improve railroad transportation service for the public. M. M. Zhuravlev. Gor. khoz. Mosk. 36 no. 10:48 O '62.

MOSCOW PROVINCE—SEED PRODUCTION
Improving the planning and organization of seed procurement P A Surovtsev Les khoz 15 no 7 50-54 Jl '62

MOSCOW PROVINCE—SPRUCE
Growth of spruce in pure spruce and mixed pine and spruce plantations during the growing period F. M. Kharytanovich. Vestsi AN BSSR. Ser. bilal nav. no 3: 20-25 '62.

MOSCOW PROVINCE—SURGICAL SOCIETIES
Minutes of the meetings of the Surgical Society of Moscow and Moscow Province Khirurgiia 38 no. 10:149-156 O '62.

MOSCOW PROVINCE—TRACTORS—MAINTENANCE AND REPAIR
Exchange tractor pools. N. Ivanov. Sel' mekh no. 10. 16 '62.

MOSCOW PROVINCE—TRADE UNIONS
Good initiative. N. Nechaev. Fin. SSSR 23 no 11:72-75 N '62.

MOSCOW PROVINCE—TRADE UNIONS—OFFICERS
A trade-union group and farm economics. M. Zubkova. Sov. profsoiuzy 18 no. 22:15-16 N '62.

MOSCOW PROVINCE—WIREWORMS
Role of row crop cultivation in lowering the number of wireworms M S. Gilarov Zashch. rast. ot vred. i bol. 7 no 6 25-26 Je '62.

MOSCOW REGION—FERTILIZER INDUSTRY—LABOR PRODUCTIVITY
Green light to the initiative of chemical workers in the Moscow region Agitator no 11:5-8 Je '62.

MOSCOW REGION—REGIONAL PLANNING
Improvement of regional planning for Moscow region. A. I. Kononenko. Gor. khoz. Mosk. 36 no. 11:20-25 N '62.

MOSCOW REGION—ROCKS, SEDIMENTARY
Lithological characteristics of some horizons of ancient sedimentary formations in the southern part of the Moscow syneclise. A. V. Kopelovich and others. Biul. MOIP. Otd. geol. 37 no. 5:163-164 S-O '62.

MOSQUITOES—EXTERMINATION
Preliminary data on the effect of copper sulfate on the larvae of Anopheles and the algal pellicle of rice fields. N. P. Sokolov and others. Trudy Gidrobiol. ob-va 12: 55-59 '62.

MÖSSBAUER EFFECT
Kagan, IU., ed. [The Mössbauer effect] Effekt Messbauera, sbornik statei. Moskva, Izd-vo inostr. lit-ry, 1962. 444 p.
Mössbauer effect on impurity nuclei at low temperatures. I. P. Dzub, A. F. Lubchenko. Dokl. AN SSSR 147 no. 3: 584-587 N '62.

MOTHS
Differences among caterpillars harmful to cotton bolls. V. V. Il'ichev. Zashch. rast. ot vred i bol. 6 no 8:46-49 Ag '61
New data on the resin gall-moth (Evetria resinella). V. N Starkova Izv Komi fil Geog ob-va SSSR no 7:127-128 '62.

MOTHS—EXTERMINATION see subdivision under Turkmenistan

MOTION
Equipment for experiments on the kinematics of rectilinear movement. A. M. Myshliaev. Fiz v shkole 22 no. 5 53-54 S-O '62.

MOTION-PICTURE FESTIVALS
(see also subdivision under Pula, Yugoslavia)
Art is a look at the world. I. Katsev. Isk. kino no. 11: 93-98 N '62.

MOTION-PICTURE PLAYS
(see also subdivision under Estonia, Germany, East; Latvia, Ukraine, United States, Uzbekistan, Yugoslavia)
Between two films. Andrei Tarkovskii Isk kino no 11: 82-84 N '62.
Disciples of glory. V. Maksimova. Isk. kino no 12:21-24 D '62
Doubtful! Sergei L'vov. Isk. kino no. 12 24-26 D '62.
Epilogue for a motion-picture play. Mikhail Romm. Isk. kino no. 11:75-82 N '62.
Films produced many years ago. D. Del', I. Rachuk. Isk. kino no. 11:151-156 N '62.
From everywhere Isk. kino no. 12:149-152 D '62.
Lukin, IU. B., and F. F. Shakhmagonov. [Fate of a man; scenario adapted from the story by Mikhail Sholokhov] Sud'ba cheloveka; stsenarii po rasskazu Mikhaila Sholokhova. Moskva, Iskusstvo, 1962. 96 p. illus. (Biblioteka kinodramaturgii)
Motion-picture schedule. Isk. kino no. 11:157-160 N '62.
Motion-picture schedule. Isk. kino no. 12:161-164 D '62.
Night with effects. A. Vartanov. Isk. kino no. 12:32-35 D '62.
Nine films in one year. V. Shilova. Isk. kino no. 11:58-69 N '62.
Odysseus, his wife, and a few theories. A. Inovertseva. Isk. kino no. 11:55-57 N '62.
On the screens of the world. L. Pogozheva, M. Turovskaia. Isk. kino no. 11 133-137 N '62.
Planned and done. IUlii Raizman. Isk kino no. 11:70-75 N '62.
Stage-director versus scenarist. IU. Smelkov. Isk. kino no. 12:29-32 D '62.
This is dear to me. Vladimir Skuibin. Isk. kino no 12: 14-20 D '62.

MOTION-PICTURE PROJECTORS
Benediktov, A. A. [The sound system part of the motion-picture projector] Zvukovaia chast' kinoproektora. Izd. 2., perer. i dop. I. V. Shorom. Moskva, Iskusstvo, 1962. 167 p. (Biblioteka kinomekhanika)

MOTION-PICTURE THEATERS see subdivision under Moscow

MOTION-PICTURE THEATERS—VENTILATION
Air conditioning in the "Leningrad" wide-screen motion-picture theatre E. A. Astapov Vod. i san tekh no 9:23-26 '62.

MOTION PICTURES
(see also subdivision under Georgia; Ukraine; Vietnam, North; White Russia)
Iutkevich, S. I. [About the art of motion pictures] O kinoiskusstve; izbrannoe. Moskva, Izd-vo Akad. nauk SSSR, 1962. 361 p.
Lenin was concerned about this,.. A. Gak, I. Smirnov. Isk. kino no. 11:4-14 N '62.
Lucidity of an opinion. IUrii Ugorov. Isk. kino no. 11: 1-3 N '62.
The screen and the stage. Andrzej Wajda and others. Isk kino no. 12:64-76 D '62.
Survey of the foreign press. A. Asarkan. Isk. kino no. 11:130-132 N '62.

MOTION PICTURES—BIBLIOGRAPHY see Bibliography—Motion pictures

MOTION PICTURES—CONGRESSES
First Congress of Motion-Picture Employees. Isk. kino no. 12:1-4 D '62.

MOTION PICTURES—DICTIONARIES
Pererva, V. M., comp. [German-Russian dictionary of motion-picture and photographic technology] Nemetsko-russkii slovar' po kinofototekhnike. Pod obshchei red. V. G. Pellia. Red. I. N. Aleksander, V. V. Rakovskii. Moskva, Glav. red. inostr. nauchno-tekhn. slovarei Fizmaigiza, 1962. 583 p.

MOTION PICTURES—PRODUCTION AND DIRECTION see subdivision under United States

MOTION PICTURES—SETTING AND SCENERY
Nature not indifferent. Sergei Eisenstein. Isk. kino no. 11 69-122 N '62.

MOTION PICTURES—TECHNOLOGICAL INNOVATIONS
Russia (1923- U. S. S. R.) Komitet po delam izobretenii i otkrytii [Inventions, motion pictures, photography, optics] Sbornik izobretenii, kino, foto, optika Moskva, TSentr. biuro tekhn. informatsii, 1962. 145 p. (Sborniki otechestvennykh izobretenii)

MOTION PICTURES, ANTIRELIGIOUS
"Anathema." D. Krasnov. Voiov. ateist no. 6:52-53 Je '62

MOTION PICTURES, DOCUMENTARY
(see also subdivision under Rostov-on-Don)
A film which makes a warning. I. Dolmatovskii. Isk. kino no 12 37-39 D '62
Two motion pictures produced by Roman Karmen M. Z Rzaeva Izv AN Azerb SSR. Ser obshchestv nauk no 9 83-94 '62
With a camera through Latin America. Petr Tur. Isk. kino no. 11:16-19 N '62

MOTION PICTURES, JAPANESE
"Naked Island," a film by Kaneto Shindo Zhen mira no 3 28-29 '62

MOTION PICTURES AS A PROFESSION
What is there to do in the motion-picture profession? V. Shklovskii Isk. kino no. 11:85-87 N '62.

MOTION PICTURES FOR CHILDREN
Don't forget the young movie-goers. L. Malinov. Isk kino no. 11:147-148 N '62.

MOTION PICTURES IN AGRICULTURE
"Increasing the butterfat percentage in cows," a useful motion picture" A I Chizhov Zhivotnovodstvo 24 no 9 92 S '62.
Motion pictures on plant protection produced during 1961 A. D. Petrenko. Zashch rast ot vred i bol 7 no 6:62 Je '62

MOTION PICTURES IN EDUCATION
Synchronization of motion pictures with sound and manufacture of filmstrips with a foreign language text. V. M. Sulymenko. Rad. shk. 41 no. 9:02-06 S '62.

MOTION PICTURES IN LITERATURE
"Literary cinematographer" and his prophylaxis. IA. Kharon. Vop. lit. 6 no. 10:95-113 O '62.

MOTION PICTURES IN SCIENCE
From didactics to figurativeness. I. Vasil'kov. Isk. kino no. 11:86-92 N '62.
The principal theme is the progress of science. E. Dvinskii. Isk. kino no. 12,5-13 D '62.
Prometheus of a new era. V. Matlin. Isk. kino no. 11: 47-49 N '62.
Vasil'kov, I. A. [With a motion-picture camera in the world of insects, scenario] S kinoapparatom v mire nasekomykh, stsenarii. [Moskva] Iskusstvo, 1962. 133 p.

MOTOR FUELS—COMBUSTION
Combustion mechanism of atomized fuel IU. B. Sviridov Trudy KHIIT no. 46 12-20 '61.

MOTOR SCOOTERS
Motor scooters service retail shops. N. Briantsev. Avt. transp. 40 no. 11 56 N '62.

MOTOR SLEDGES
The air footwear of transportation G. Lipman, B Likhterman Tekh. mol 30 no. 10,18-21 '62.

MOTOR VEHICLES—BIBLIOGRAPHY see Bibliography—Motor vehicles

MOTOR VEHICLES—BRAKES
Changes in the design of the vent of a brake valve. A. Afanas'ev. Avt. transp. 40 no. 12,45 D '62.
Effect of wheel blocking on the braking of a motor vehicle. A. B. Gredeskul. Izv. vys uchab. zav., mashinostr. no 8 156-167 '62.

MOTOR VEHICLES—BRAKES—MAINTENANCE AND REPAIR
Equipment for repairing brakes. B. Kalinin, A. Zhuravchenko. Avt. transp. 40 no. 11:60 N '62.

MOTOR VEHICLES—COLD WEATHER OPERATION
"Operating motor vehicles with carburetor engines under low temperature conditions" by A. N. Pokrovskii, A. A. Bukin, D. F. Gavrilov. Reviewed by I. Tandura, G. Eidel'son. Avt. transp. 40 no. 11,61-62 N '62.
Using weld converters in starting engine. V. Burlakov. Avt. transp. 40 no. 11:52-53 N '62.

MOTOR VEHICLES—EQUIPMENT AND SUPPLIES
Devices for determining the pressure in trailer tires. Avt. transp. 40 no. 11:53 N '62.

MOTOR VEHICLES—FUEL CONSUMPTION
Rubets, D. A. [Fuel efficiency of motor vehicles] Toplivnaia ekonomichnost' avtomobilia. Moskva, Avtotransizdat, 1960. 55 p. (Nauchno-popularnaia biblioteka avtomobilista)

MOTOR VEHICLES—INSPECTION see subdivision under Leningrad

MOTOR VEHICLES—LUBRICATION
Improving the quality of transmission oils. O. Okhotkhova, E. Deviatkina, T. TSinman. Avt. transp. 40 no. 12 18-20 D '62.
Kanaev, V. N. [Over-all mechanization of motor-vehicle lubrication] Kompleksnaia mekhanizatsiia smazki avtomobilei. Moskva, Avtotransizdat, 1962. 110 p. (Obmen tekhnicheskim opytom avtokhozaistvennykh predpriiatii)
Pneumatic oil feeder. V. Bogun. Avt. transp. 40 no. 11:51 N '62.

MOTOR VEHICLES—MAINTENANCE AND REPAIR
Kutikov, G. S. [Line maintenance work on motor vehicles] Potochnoe tekhnicheskoe obsluzhivanie avtomobilei. Moskva, Avtotransizdat, 1962. 134 p.
On collective principles. A. Pishchik. Avt. transp. 40 no. 11:9-10 N '62.
Reconditioning slotted hole of the steering shaft. G. Kokrashvili. Avt. transp. 40 no. 12, 11-45 D '62.

MOTOR VEHICLES—STANDARDS
Standardization of basic parameters of motor vehicles. N. I. Borisov. Standartizatsiia 26 no. 12:3-13 D '62.

MOTOR VEHICLES—TRANSMISSION DEVICES
Machining bushings for distributing shafts. V. [illegible], D. Bulychev. Avt. transp. 40 no. 12 21-22 D '62.

MOTOR VEHICLES—TRANSMISSION DEVICES—LUBRICATION
Periods for oil exchange in transmission units. Avt transp. 40 no 11,26 N '62.

MOTOR VEHICLES, AMPHIBIOUS
Use of cross-country, amphibious vehicles in topographic surveying operations. A. I. Zholudkov. Geod i kart no. 11:40-41 N '62.

MOTORBUS DRIVERS
Skill. M. Ostanin. Avt. transp. 40 no. 11 [illegible] N '62.

MOTORBUS LINES see subdivision under Leningrad

MOTORBUS LINES—ACCOUNTING
Glukhov, A. S. [Mechanization of accounting in motor-transportation units] Mekhanizatsiia ucheta v avtotransportnykh khoziaistvakh. Moskva, Avtotransizdat, 1962. 141 p.

MOTORBUS LINES—EMPLOYEES see subdivision under Leningrad

MOTORBUSES see subdivision under Moscow

MOTORBUSES—MAINTENANCE AND REPAIR see subdivision under Leningrad

MOTORCYCLE INDUSTRY see subdivision under Minsk

MOTORTRUCK FREIGHT see Transportation, Automotive—Freight

MOTORTRUCKS
Motortruck for the transportation of mortars. B. Baskovskii. Avt. transp. 40 no. 12 37 D '62.
New vans. Avt. transp. 40 no. 11,55 N '62.
The S-052 cement truck. Na stroi. Ros. 3 no 9 [illegible] cover S '62.
Trucks used in harvesting sugar beets. I [illegible] Tekh. v sel'khoz. 22 no. 10:12-14 O '62.

MOTORTRUCKS—ENGINES—TESTING
Stand for testing oil pumps of the ZIL engines. M. Terent'ev. Avt. transp. 40 no. 12, 40 D '62.

MOTORTRUCKS—MAINTENANCE AND REPAIR
My experience in driving a motortruck and [illegible] care of it. P. I. Kolotilin. Transp. stroi. 12 no. 11 [illegible] N '62.

MOTOVILOV, GERMAN PETROVICH, 1902-
Scientist and social worker, on the 60th birthday of G. P. Motovilov. Les khoz. 15 no. 10:92 O '62.

MOUNTAIN ROADS
Haulage of a heavy transformer on a mountain road. A. Pozoev. Avt. transp. 40 no. 12:47 D '62.

MOUNTAIN SHEEP see subdivision under Kunyak Range

MOUNTAINEERING see subdivision under Caucasus, Northern

MOVEMENT (PHYSIOLOGY)

Dynamics of the development of differentials in the motor analyzer of school children (8-17 years of age) M. I. Semenov. Teor. i prak. fiz. kul't. 25 no. 9 23-27 S '62.

Study of the parameters of a purposeful motor reaction [with summary in English] S. D. Amirov. Zhur. vyss. nerv. deiat. 12 no. 1 54-62 Ja-F '62.

MOVEMENT, PSYCHOLOGY OF

Age changes of sensory and motor reaction time in students. Report No. 1. Duration of a simple movement reaction with a motor component. S. N. Sofiatina. Dokl. APN. 6 no. 1 77-80 '62.

MOVSESIAN, ALEKSANDR MINASOVICH, 1868-1935

"Shirvanzade, his life and works" [in Armenian] by Grant Tamrazian. Reviewed by A. Petrosian. Vop. lit. 5 no. 10 207-210 O '62.

MOWING MACHINES

Optimum speed of the cutting blades of mowing machines. N. I. Drozdov. Trakt. i sel'khozmash. 32 no. 9 24-26 S '62.

MOZAMBIQUE—ETHNIC TYPES

Ethnic structure and occupations of the population of Mozambique. L. L. Ablochkov. Trudy Inst. etn. 72 168-197 '62.

MOZART, WOLFGANG AMADEUS, 1756-1791

Mozart's opera "Abduction from the Seraglio." N. F. Orlov. Nauch.-metod. zap. Novosib. gos. konser. no. 1 70-105 '58.

MROVELI, LEONTII, 11th cent.

Leontii Mroveli, a Georgian historian of the 11th century and present-day studies on his life and work [in Georgian with summary in Russian]. K. Grigolia. Trudy Tbil. GU. 87 223-230 '60.

MSHVELIDZE, SHALVA MIKHAILOVICH, 1904-

An epic opera. G. Ordzhonikidze. Sov. muz. 26 no. 11 13-18 N '62.

MTSKHETA—ARCHITECTURE, GEORGIAN

Gverdtsiteli, R. Mtskheta. Tbilisi, Gos. izd-vo "Sabchota Sakartvelo," 1962. [17] p. illus.

MUD VOLCANOES see subdivision under Duvannyy Island

MUGODZHAR MOUNTAINS—ORES—SAMPLING AND ESTIMATION

Using a metallometric survey in prospecting. S. G. Grekhner. Razved. i okh. nedr. 28 no. 11 23-26 N '62.

MULBERRY BREEDING see subdivision under Ukraine

MULTIPLE SCLEROSIS

(see also subdivision under Tajikistan)

Clinical aspects and course of atypical forms of multiple sclerosis [with summary in English]. I. L. Sosnovik, N. M. Kravtsova, Klin. med. no. 9 31-36 '62.

Golik, N. I., and E. V. Militina. [Multiple sclerosis and acute disseminated encephalomyelitis] Mnozhestvennyi skleroz i ostryi diseminirovannye entsefalomielity. Moskva, Medgiz, 1962. 113 p. (Biblioteka prakticheskogo vracha)

(DNLM)

Statistical data on some aspects of multiple sclerosis. A. B. Rogovin, L. I. Bronshtein. Klin. med. no. 9 35-40 '62.

MUNICIPAL BUILDINGS see subdivision under Moscow

MUNICIPAL SERVICES

(see also subdivision under Ishimbay; Moscow)

Here are our concerns. Zhil.-kom. khoz. 12 no. 6 6 Je '62.

MUNICIPAL SERVICES—ACCOUNTING

[Problems on the methodology for planned calculations and analysis of administrative operations in communal housing and services] Sbornik zadach po metodike planovykh raschetov i analizu khoziaistvennoi deiatel'nosti v kommunal'nom khoziaistve. [By] A. I. Fainberg i dr. Moskva, Izd-vo M-va kommun. khoz. RSFSR, 1962. 233 p.

MURDER

A murderer in the cassock. Volov. ateist. no. 8 44-45 Ag '62.

The results of indifference. A. Blokh. Sov. iust. no. 23 26-27 D '62.

We should thoroughly investigate and examine murder cases. L. Gromov. Sov. iust. no. 9 27 Ap '62.

MURMAN COAST—BENTHOS

Communities of bottom invertebrates of the Murman Coast of the Barents Sea and their relation to the North Atlantic communities. Report No. 1. V. I. Zatsepin. Trudy Gidrobiol. ob-va. 12 245-314 '62.

MURMANSK—MERCHANT MARINE—TECHNOLOGICAL INNOVATIONS

With the help of active members of the technical council. A. Ievsev. Mor. flot. 22 no. 11 13 N '62.

MURMANSK—RADIO PROGRAMS

For those at sea. Part. zhizn'. no. 24 62-66 D '62.

MURMANSK PROVINCE—BERRIES—DISEASES AND PESTS

Berry pests in Murmansk Province. M. K. Znamenskaia. Zashch. rast. ot vred. i bol. 6 no. 8 25-26 Ag '61.

MURMANSK PROVINCE—CABBAGE

Efficiency of the action of a herbicide mixture in forage cabbage plantations. L. L. Fedorova, V. A. Shaidurov, S. A. Stanko. Fiziol. rast. 9 no. 6 735-737 '62.

MURMANSK PROVINCE—INSECTS, INJURIOUS AND BENEFICIAL—CONTROL

Berry pests in Murmansk Province. M. K. Znamenskaia. Zashch. rast. ot vred. i bol. 6 no. 8 25-26 Ag '61.

MURMANSK PROVINCE—MERCHANT SEAMEN

Gathering of inventors and efficiency promoters of the Murmansk region. Mor. flot. 22 no. 9 47 S '62.

MURMANSK REGION—ARCTIC MEDICINE

Characteristics of the leucocytes in children of the Murmansk Arctic Region [with summary in English]. S. M. Gershkovich, M. P. Nemzer. Pediatriia. no. 7 36-40 '62.

MUSCLE

Survey of studies on the histological structure of muscles of some ascarids. Iu. K. Bogoiavlenskii. Trudy Gel'm. lab. 11 38-49 '61.

MUSCLE RELAXANTS

Effect of some antispastic substances on the absorption of inhaled antituberculai drugs [with summary in French]. N. M. Kulik. Probl. tub. no. 7 87-92 '62.

MUSCLES

Portable myotonometer. V. G. Petrenko. Pediatriia. no. 7 80-83 '62.

MUSCULAR SENSE

Coordination of voluntary movements of man in a changed gravitational field [with summary in English]. L. V. Chkhaidze. Probl. kosm. biol. 1 438-450 '62.

Methods for studying the sensomotor sphere of patients suffering from vascular diseases of the brain. S. IA. Rubinshtein. Trudy Ges. nauch.-issl. inst. psikh. 25 700-725 '61.

MUSEUMS see subdivision under Kamenets-Podol'skiy, Kiev; see also 'Art galleries and museums' under Kiev, Uzhgorod

MUSHROOMS, EDIBLE

Collecting mushrooms is a socially useful occupation for students. M. I. Radingina. Biol. v shkole. no. 1 80-84 Ja-Ag '62.

MUSIC

(see also subdivision under China; Crimea, Cuba; Donets Basin; London; Ukraine)

Brief news. Sov. muz. 26 no. 11 145-160 N '62.

MUSIC—BIBLIOGRAPHY see Bibliography—Music

MUSIC—HISTORY AND CRITICISM

History enlightened by our times. V. Konen. Sov. muz. 26 no. 11 68-74 N '62.

Studying the classics. V. Kyrelko. Sov. muz. 26 no. 10 O '62.

MUSIC—INSTRUCTION AND STUDY see subdivision under Ukraine

MUSIC, UKRAINIAN—BIBLIOGRAPHY see Bibliography—Music, Ukrainian

MUSIC, UKRAINIAN—HISTORY AND CRITICISM

Hrinchenko, Mykola. [History of Ukrainian music] Istoriia ukrains'koi muzyky. 2, vyd. New York, Ukrains'kyi muzychnyi in-t v Niu Iorku, 1961. 191 p. (In U)

The people are waiting. K. Dan'kevych. Sov. muz. 26 no. 10 7-8 O '62.

With a full voice. Heorhyi Maiboroda. Sov. muz. 26 no. 10 8-10 O '62.

With young composers of Lvov. M. Skoryk. Sov. muz. 26 no. 10 42-43 O '62.

MUSIC FESTIVALS see subdivision under Edinburgh

MUSICAL FORM

Golovinskii, G. L. [Couplet, variation, and rondo forms] Kupletnaia, variatsionnaia forma i forma rondo; iz opyta raboty narodnogo universiteta kul'tury Sverdlovskogo raiona g. Moskvy, Moskva, Sovetskii kompozitor 1962. 67 p. (V pomoshch' slushateliam narodnykh universitetov kul'tury: Besedy o muzyke)

MUSICAL INSTRUMENTS

Meeting of folklorists in Berlin. E. Gippius. Sov. muz. 26 no. 10 131-133 O '62.

MUSICAL NOTATION see subdivision under Asia, Central

MUSICIANS—CORRESPONDENCE, REMINISCENCES, ETC.

Leningrad. Gosudarstvennaia konservatoriia. [The Leningrad Conservatory in reminiscences, 1862-1962] Leningradskaia konservatoriia v vospominaniiakh, 1862-1962. Leningrad, Muzgiz, 1962. 414 p.

MUSICIANS, ARMENIAN—CORRESPONDENCE, REMINISCENCES, ETC.

[Literary legacy] Literaturnoe nasledstvo. Erevan, Izd-vo AN Armianskoi SSR

Vol. 2 Spendiarov, A. A. [Letters] Pis'ma. 1962. 501 p.

MUSICIANS, BULGARIAN see subdivision under Moscow

MUSICIANS, GREEK see subdivision under Moscow

MUSICIANS, JAPANESE see subdivision under Moscow

MUSICIANS, MONGOLIAN see subdivision under Moscow

MUSKRATS—FOOD

Daily requirement of natural food by muskrats [with summary in English]. L. I. Krasovskii. Zool. zhur. 41 no. 10 1529-1535 O '62.

MUSSELS see subdivision under Black Sea

MUTINY see subdivision under Tashkent

MUTUAL ECONOMIC ASSISTANCE COUNCIL

Budkin, V. S. [International division of labor in the world socialist economic system] Mizhnarodnyi podil pratsi v svitovii sotsialistychnii systemi hospodarstva. Kyiv, 1961. 44 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' URSR [Vydannia] Ser. 3, no. 5)

MUTUAL ECONOMIC ASSISTANCE COUNCIL—CONGRESSES

New stage in the development of statistics in socialist countries. A. Ezhov. Vest. stat. no. 11 14-29 '62.

MYCOBACTERIUM

Study of the therapeutic action of monomycin on white mice infected with Mycobacterium leprae murium [with summary in English]. V. N. Pogorelov, I. M. Chernysheva. Antibiotiki. 7 no. 9 810-813 S '62.

MYCOBACTERIUM TUBERCULOSIS

Effect of serum from immunized guinea pigs on the reproduction and catalytic activity of mycobacterium tuberculosis [with summary in English]. R. I. Shenderova, A. M. Vitrinskaia. Biul. eksp. biol. i med. 54 no. 11 68-71 N '62.

Morphological reaction of the animal organism to the administration of chemical complexes of mycobacterium tuberculosis [with summary in French]. A. I. Toguzova, A. D. Chigirinskii. Probl. tub. no. 7 72-78 '62.

MYTHOLOGY—DICTIONARIES

"Mythological dictionary" by M. N. Botvinnik, M. A. Rabinovich, B. P. Seletskii. Reviewed by V. K. Pukhtyn. S'kyi Ukr. ist. zhur. 6 no. 8 123-124 N-D '62.

MYXOSPORIDIA

New system of Myxosporidia. S. S. Shul'man. Trudy Kar. fil. AN SSSR. no. 14 33-46 '59.

NAKHICHKALA REGION—PETROLEUM GEOLOGY

Istisu, a new promising oil-bearing area in Daghestan. S. F. Mussaev. Trudy Geol. inst. Dag. fil. AN SSSR. 2 81-87 '60.

NAKHICHEVAN A. S. S. R.—MINERAL WATERS

Conditions governing the formation of carbonated waters in the Nakhichevan A. S. S. R. A. B. Avdeeva. Uch. zap. AGU. Geol.-geog. ser. no. 1 43-54 '59.

NAKHICHEVAN A. S. S. R.—ORE DEPOSITS

Effect of postore shifts on lead-zinc ores in the Gyumushlu deposit. M. B. Zeinalov. Izv. AN Azerb. SSR. Ser. geol.-geog. nauki i nefti. no. 3 91-94 '62.

NAKHODKA—SHIPS—MAINTENANCE AND REPAIR

Use of adhesives at the Nakhodka ship repair plant. Mor. flot. 22 no. 12 45 D '62.

NAMANGAN—CANNING INDUSTRY

Carrying out our pledges. D. A. Aberman. Kons. i ov. prom. 17 no. 12 5-6 D '62.

NAMANGAN DISTRICT—COLLECTIVE FARMS

Not only cotton, but also meat. Kh. Saibbaev. Agitator. no. 12 37-40 Je '62.

NAMES, GEOGRAPHICAL

(see also subdivision under Caucasus, China; Komi A. S. S. R.)

Abbreviations of explanatory words in names of inhabited places. N. V. Malakhov. Geod. i kart. no. 3 54-56 Mr '62.

NAPHTHALENE

Interaction of cyclones with isomeric dihydronaphthalenes. B.A. Arbuzov, L.A. Shapshinskaia, G.A Prytkova. Izv AN SSSR, Otd. khim nauk no.11 2084-2087 N '62

NAPHTHALENE—SPECTRA

Spectral determination of naphthalene and its derivatives in gas oil from catalytic cracking I.I Shabalin, E.A Kruglov, K.M. Vaisberg. Khim i tekh. topl i masel 7 no.11:25-28 N '62

NAPHTHAMIDE

Synthesis of N-dichloroiodo derivatives of salicylamide and naphthamide. G V Kulik Ukr khim zhur 28 no 9 1100-1103 '62

NAPHTHOFUROXAN

Rearrangements in the series of hydroxy derivatives of bisulfited naphtho-1,2-furoxans S.V Bogdanov, Z V. Todres-Selektor Zhur VKHO 7 no 6 697-698 '62

NARYM REGION—CLAY

Petrographical and mineralogical characteristics of Upper Cretaceous clay rocks in the Ob' Valley portion of the Narym Region. IU.P.Kazanskii, L.S Kropanina, G N. Perozio. Trudy SNIIGGIMS no.10:171-183 '60

NATIONAL COUNCIL OF THE CHURCHES OF CHRIST IN THE U.S.A.

Communiqué of the visit of a delegation of the National Council of the Churches of Christ in the U.S.A. to the Russian Orthodox Church. Zhur.Mosk.Patr. no.10 40-42 O '62.

Sojourn in the Soviet Union of a delegation of the National Council of the Churches of Christ in the U.S.A. G.Troitskii. Zhur.Mosk Patr. no.10 31-40 O '62.

NATIONALITIES

Baglikov, B.T. [Lenin's works on the nationalities problem] Leninskie proizvedenila po natsional'nomu voprosu. Moskva, Gospolitizdat, 1962. 63 p. (Konsul'tatsii po istorii KPSS)

The close-knit family of Soviet republics. I.Spiridonov. Sov. deput. trud, no.12:9-14 D '62

Communism and nations. Sharaf Rashidov. Kul't. i zhizn' 6 no.10:8-13 '62.

The constellation of socialist nations. L. Sularko. Volov. ateist 3 no.12:8-9 D '62.

Constitutional development of the Soviet Federation. A.I.Lepeshkin. Sov.gos.i pravo 32 no.12 26-36 D '62.

Development and amalgamation of socialist nations. G Pavlov. Kommunist 39 no.18 40-50 D '62.

Development of the socialist nations; survey of the literature. Polit.samoobr. 6 no.12:104-111 D '62.

General features of the establishment and development of the Soviet multinational state. I.P.TSamerian. Vop.filos. 16 no 11:36-48 '62.

Glorious 40 years. N.N.Organov. Sov.gos.i pravo 32 no.12:3-12 D '62.

Leninist stage in the Marxist theory of federation. E.V.Tadevosian. Sov.gos.i pravo 32 no.12:37-46 D '62.

Soviet Autonomous Republics as a political form of the sovereignty of nations. K.D.Korkmasova. Sov.gos. i pravo 32 no.12 47-54 D '62.

Their road is illuminated by the October Revolution. Az.i Afr.seg. no.11:21-22 N '62.

Triumph of the Leninist nationalities policy in the U.S.S.R. A.K.Azizian. Vop.ist. no.11:101-123 N '62.

Triumph of the Leninist nationality policy of the CPSU. A.Azizian. Polit.samoobr. 6 no.12 95-103 D '62

A union of the equal peoples. A.Sidarenka. Belarus' 19 no.12:4-5 D '62.

We advance to the victory of communism as a united family. G.Dongarov. Part.zhizn' no.23 59-62 D '62

NATIONALITIES—BIBLIOGRAPHY see Bibliography—Nationalities

NATURAL GAS see Gas, Natural

NATURAL HISTORY

(see also subdivision under Sikhote-Alin' Range)

The scientific research conducted by the Institute of the History of Natural Science and Technology. Vest. AN SSSR 32 no.12:95-98 D '62.

NATURAL RESOURCES

Soviet geography and the problems of the transformation of nature. I.P.Gerasimov. Geog.v shkole 25 no.6 2-7 N-D '62.

NATURE PHOTOGRAPHY

Traveler with a camera; Z.Z.Vinogradov's 80th birthday. A.N.Sinel'nikov. Priroda 51 no.12:114 D '62.

NATURE STUDY

Observations of nature. Z.Sizenko. Doshk.vosp. 35 no.12:41-47 D '62.

NAUROTSKI, ALES', 1937-

"Lighting has brightened our skies"; verse by Ales' Naurotski. Reviewed by R.Bikezkin Belarus' 19 no.12,29-30 D '62.

NAUTICAL ASTRONOMY

Finding the position of a ship by simultaneous observation of sun and planets G Fedchenko Mor flot 22 no 9 25-27 S '62

NAVAL ARCHITECTURE

Architectural shapes of riverboats R N Danchenko Sudostroenie 28 no 11 14-16 N '62

Dormidontov, N.K., and others [Design and arrangement of ships for inland navigation] Konstruktsiia i ustroistvo sudov vnutrennego plavaniia Pod obshchei red N.K.Dormidontova Leningrad, Izd-vo "Rechnoi transport,"

Pt 2 [Metal ships] Metallicheskie suda 1962 271 p

Pugachev, A.S. [Shipbuilding drawing] Sudostroitel'noe cherchenie Izd 2, perer. i dop Leningrad, Sudpromgiz, 1962 180 p. diagrs

NAVAL ARCHITECTURE—BIBLIOGRAPHY see Bibliography—Naval architecture

NAVAL ART AND SCIENCE—DICTIONARIES

Marchenko, V.G., and others, comps. [English-Russian naval dictionary. Approximately 40,000 words and phrases] Anglo-russkii voenno-morskoi slovar'. Pod red. N.G.Morozovskogo. Okolo 40,000 slov i sochetanii. Moskva, Voenizdat, 1962. 851 p.

NAVAL MUSEUMS

Memorices of courageous sailors and explorers. Mor. flot 22 no.12,47 D '62.

NAVIES see also subdivision 'Navy' under Russia

NAVIGATION—TABLES

New nautical tables V Kondrashikhin Mor flot 22 no.9 24-25 S '62

NAZAROV, STEPAN, 1727-?

Life and work of Stepan Nazarov, pedagogue, mathematician and author of "Practical geometry." L.M Fridman, L.V Shchukina. Dokl.APN 6 no.4 61-62 '62

NEAR EAST—ECONOMIC GEOGRAPHY

"Afghanistan, Iran, Turkey" by M.P.Pobedina, V.V. TSybul'skii. Reviewed by M A Korostovtsev. Geog v shkole 25 no.6 89 N-D '62.

NEAR EAST—PETROLEUM INDUSTRY

"Near East, oil and independence" by R N Andreasian, A.IA. El'ianov. Reviewed by K.Kozarev. Vnesh torg 42 no.12 10-13 '62.

NECHUI-LEVYTS'KYI, pseud. see Levyts'kyi, Ivan, 1837-1918

NECK—SURGERY

Technic for the excision of cervical lymph nodes [with summary in English]. R I Vagner. Vest. khir. 89 no.9 69-77 S '62.

NEDRIGAYLOV—MONUMENTS

Festivities in the city of Nedrigaylov. Ukraina no 24 4 D '62.

NEGORELOYE REGION—FOREST SOILS

Water permeability of soils in pine plantations of the pine-cowberry forest type. I K Blintsov Sbor nauch. trud BLTI no.11,159-165 '58.

NEGORELOYE REGION—PODZOL

Free phosphoric acid (P_2O_5) in turf-Podzolic soils of light mechanical composition of the Negoreloye Forest Training and Experiment Station of the White Russian Institute of Wood Technology Sbor. nauch trud. BLTI no.11 166-174 '58

NEGORELOYE REGION—SOIL PERCOLATION

Water permeability of soils in pine plantations of the pine-cowberry forest type I K Blintsov. Sbor. nauch. trud. BLTI no 11;159-165 '58.

NEGROES see subdivision under United States

NEJEDLY, ZDENEK, 1878-1962

Zdenek Nejedly on White Russia. A. Mazheika. Belarus' 19 no.12:25 D '62.

NEKRASOV, NIKOLAI ALEKSEEVICH, 1821-1877

Tarasov, A.F., comp. [The sources of the great poem; N.A. Nekrasov's poem "Who can be happy in Russia?"] Istoki velikoi poemy, poema N.A. Nekrasova "Komu na Rusi zhit' khorosho." [Iaroslavl'] IAroslavskoe knizhnoe izd-vo, 1962. 274 p. (MH)

NEMATOCIDES

Solutions killing the root knot nematode. I.V. Shaposhnikova Zashch rast. ot vred i bol 7 no 8:37 Ag '62

NEMATODA

(see also subdivision under Kurile Islands, Sakhalin)

Encapsulation of nematode larvae in the tissues of mammals [with summary in English]. IU. A. Berezantsev. Vest LGU 17 no.21 42-53 '62

Epizootiology of helminthiases of domestic solidungulates V.M. Ivashkin, I.A Khromova Trudy Gelm. lab. 11,105-108 '61.

Nematodes in rats of the U.S.S.R. A.V. Pavlov, T.F. Sergeeva. Trudy Gelm lab 11,180-193 '61

New species of nematodes from the pine shoot beetle Pissodes pini L. S.L. Lazarevskaia. Trudy Gelm. lab. 11;144-152 '61

NEMATODA—DISEASES AND PESTS see subdivision under Ukraine, Volgograd Province

NEMATODE DISEASES OF PLANTS

Methods for isolating the strawberry nematode Aphelenchoides fragariae F M Drozdovskii Zashch rast ot vred i bol. 7 no 2 44 F '62

Paramonov, A.A. [Fundamentals of plant helminthology] Osnovy fitogel'mintologii Moskva, Izd-vo AN SSSR,

Vol. 1. [Origin of nematodes. Ecologic and morphologic characteristics of plant nematodes. General principles of taxonomy] Proiskhozhdenie nematod. Ekologo-morfologicheskaia kharakteristika fitonematod. Obshchie printsipy taksonomii 1962. 470 p.

Sopronov, F.F. [Predaceous fungi hyphomycetes and their use in controlling pathogenic nematodes] Khishchnye griby-gifomitsety i ikh primenenie s lovle s patogennymi nematodami. Ashkhabad, Izd-vo Akad nauk Turkmenskoi SSR, 1958. 305 p. (DNAL)

Stem nematode of potatoes. M.V.Berdukova. Zash. r. rast. ot vred. i bol. 6 no.8:39 Ag '61.

NENETS NATIONAL AREA—ARCTIC FOX

Feeding of arctic foxes. P.Gagarskii. Sov.potreb. koop. 6 no.9:30-31 S '62.

NEODYMIUM CHLORIDE—SPECTRA

Absorption spectra of alcohol-water solutions of neodymium chloride at low temperatures [with summary in English]. I.S.Pominov. Ukr fiz. zhur 7 no.7:796-799 Jl '62.

NEOTENY

Neoteny in Norway maple. A.M. Krasnitskii. Bot zhur. 47 no.10;1520-1531 O '62.

NEPAL—VALLEYS

Origin of the Katmandu Valley and ancient river valleys in Nepal. K.N.Pestovskii. Biul.MOIP.Otd.geol. 37 no 5:135-141 S-O '62.

NERVES

Materials on the submicroscopic structure of the neural formation as revealed by electron microscopy. L.S Golldin Trudy Gos. nauch.-issl. psikhonevr. inst 28,311-339 '62.

Plasmal reaction in the myelinization of regenerating axons. V.N.Glagolev. Dokl.AN SSSR 147 no.3;721-723 N '62.

Submicroscopic structure of the ergastoplasm of vegetative nervous cells V S Petrov Trudy Gos. nauch.-issl. psikhonevr. inst 28;271-281 '62.

Submicroscopic structure of the peripheral nerve and interrelations between the axon and the Schwann cell IA.IU Komissarchik. Trudy Gos nauch.-issl. psikhonevr. inst 28;293-310 '62.

NERVES, SPINAL

Formation of a spinal cord dominant by the action of a direct current on an afferent nerve [with summary in English]. F.D.Sheikhon. Biul.eksp.biol. i med. 54 no.11;12-17 N '62.

NERVOUS SYSTEM

Akopian, S.A. [Higher nervous activity in blood transfusion shock and blood loss] Vyssshaia nervnaia deiatel'nost' pri gemotransfuzionnom shoke i krovopotere Erevan, Izd-vo Erevanskogo univ., 1961. 220 p (DNLM)

Changes in the activity of the central nervous system in the offspring of irradiated rats [with summary in English]. M.S. Alekseeva. Zhur. vys. nerv. deiat. 12 no.1;169-172 Ja-F '62.

Clinical characteristics and disorders of higher nervous activity in cerebral vasopathy. Z.V. Kosenko, V.I. Savchuk. Trudy Gos. nauch.-issl. inst. psikh. 25 516-537 '61.

Development of the individual characteristics of higher nervous activity in infants in ontogenesis. A.N Mar'kova. Pediatriia no.7:3-6 '62.

Dynamics of higher nervous activity and the state of neurovascular regulation in cerebral atherosclerosis. V.M. Banshchikov, V.I. Savchuk. Trudy Gos. nauch.-issl. inst. psikh. 25;169-191 '61.

Histogenetic recapitulations in the development of the nervous system. A.G. Knorre. Trudy Gos. nauch.-issl. psikhonevr. inst. 28;235-243 '62.

NERVOUS SYSTEM (Continued)

Lev IAkovlevich Pines and his contribution to neuromorphology. A S Iontov, A G. Knorre, G Z Levin Trudy Gos. nauch -issl. psikhonevr inst. 28,11-14 '62

Materials from a study of corticovisceral interrelationships in cerebral atherosclerosis with mental disorders, IU N. Uspenskii. Trudy Gos. nauch. -issl. inst. psikh. 25;243-251 '61.

Method for the evaluation of results in the study of higher nervous activity using tables. V. I. Zapuskalov. Zhur. vys. nerv. deiat. 12 no. 1 184-185 Ja-F '62.

Study of the parameters of a purposeful motor reaction [with summary in English]. S. D. Amirom. Zhur. vys. nerv. deiat. 12 no. 1;54-62 Ja-F '62.

NERVOUS SYSTEM—DISEASES

Cerebral circulatory insufficiency in the pathogenesis of nervous and mental disorders in vascular diseases of the brain. N. K. Bogolepov, L. O. Badalian. Trudy Gos. nauch. -issl. inst. psikh. 25 620-630 '61.

Clinical characteristics of nervous system lesions in myocardial infarction [with summary in English]. M. G. Fainberg. Klin. med. no. 9 63-67 '62.

Nervous system disorders in various forms of hemophilia. V. I. Frolova. Klin. med. no. 9, 112-114 '62.

Neurological syndrome in hemorrhagic vasculitis. M. D. Mats. Klin. med. no. 9 150-152 '62.

Cloneurological symptoms in hypertension. A. V. Zhukovich. Klin. med. no. 9 94-99 '62.

Principles for the classification of vascular lesions of the nervous system [with summary in French]. N. K. Bogolepov. Zhur. nevr. i psikh. 62 no. 8;1137-1142 Ag '62.

NERVOUS SYSTEM—SURGERY

Use of one method of measuring venous pressure in neurosurgery. M. Maksudov. Med. zhur. Uzb. no. 3; 57-59 Mr '62.

NERVOUS SYSTEM—TUMORS

Preblastomatous hyperplasias of the central nervous system. A. N. Ageeva. Trudy Gos. nauch. -issl. psikhonevr. inst. 20;341-370 '62.

NERVOUS SYSTEM, PARASYMPATHETIC

Development of parasympathetic ganglia in the head. A. S. Iontov. Trudy Gos. nauch. -issl. psikhonevr. inst. 28;245-260 '62.

NERVOUS SYSTEM, SYMPATHETIC

Effect of unilateral extirpation of the superior cervical sympathetic ganglion on the absorption of glucose and pyruvate by the brain [with summary in English]. G. Kh. Buniatian, E. D. Mkheian. Vop. biokhim. 2;53-60 '61.

NETHERLANDS—FLAX

Practices in flax growing in Belgium and the Netherlands [with summary in English]. A. R Rogonh Trudy VNIIL no 5 305-324 '58

NETHERLANDS—SHIPBUILDING

Dutch-built ships (from "Holland Shipbuilding," no 7, 1961, no. 3, 1962). Sudostroenie 28 no 11 76-77 N '62

NETHERLANDS—WATER-SUPPLY ENGINEERING

Water supply in the Netherlands. F. A. Shevelev, D. M. Mints. Ved. i san tekh no. 9;32-34 '62.

NEURALGIA, FACIAL

Facial sympathalgias. A. M. Vein. Klin. med. no. 9; 52-56 '62.

NEUROLOGY

Interrelation between clinical specialties (with the example of neuropathology and therapy). K. F. Kasareikin, G. P. Shul'tsev. Klin. med. no. 9, 23-27 '62.

Neurological aspects of the surgical treatment of coronary disease. A. N. Bakulev and others. Klin. med. no. 9, 57-62 '62.

The 22d Congress of the CPSU and the problems of higher nervous activity study. P. S. Kupalov. Zhur. vys. nerv. deiat. 12 no. 1-3-9 Ja-F '62.

NEUROSES

Agrypnotic syndrome in vascular and traumatic diseases of the brain and neuroses and the change in it under the influence of electrosleep. E. I. Kulikova (Lebedinskaia). Trudy Gos. nauch. -issl. inst. psikh. 25;763-770 '61.

Clinical aspects and treatment of obsessive states in vascular lesions of the brain and neurosis. V. M. Banshchikov, A. G. Ambrumova, I. N. Bobrova. Trudy Gos. nauch. -issl. inst. psikh. 25;99-104 '61.

Meteorotropic reactions in atherosclerosis of the vessels of the brain, neuroses and traumatic encephalopathies. E. I. Kulikova (Lebedinskaia). Trudy Gos. nauch. -issl. inst. psikh. 25;745-762 '61.

Theory of neuroses in the light of clinical physiological data. V. G. Vogralik. Klin. med. no. 9;10-16 '62.

Trioxazine therapy in the clinic for neuroses [with summary in French]. E. K. IAkovleva and others. Zhur. nevr. i psikh. 62 no. 8;1225-1227 Ag '62.

NEUTRINOS

Neutrinos and the cosmic ray intensity at great depths [with summary in English]. B. Pontecorvo, A. E. Chudakov. Zhur. eksp. i teor. fiz 43 no. 5, 1967-1969 N '62

Wheeler, John A. [Gravitation, neutrinos, and the universe. Translated from the English] Gravitatsiia, neitrino i Vselennaia. Pod red. D. Ivanenko. Moskva, Izd-vo inostr. lit-ry, 1962. 403 p. (Problemy fiziki) [Publ. in English as: Neutrinos, gravitation and geometry. Russian edition has additional articles by author and others]

NEUTRON DIFFRACTION CRYSTALLOGRAPHY

Neutron diffraction determination of the temperature dependence of the arrangement of atoms in a FeCo alloy. V. I. Goman'kov and others Kristallografiia 7 no 5 788-790 S-O '62

On the antiferromagnetic structure of chromium V. L. Goman'kov and others Kristallografiia 7 no 5 790-792 S-O '62.

NEUTRONS

Calculation of neutron diffusion in periodic lattices. G. IA. Rumiantsev Atom energ 13 no 6 556-562 D '62

Counter for studying the neutron component of cosmic rays in the atmosphere V. D. Sokolov, I. N. Kapustin Trudy IAF AN SSSR Ser. fiz. no 4 10-14 '62

Design of a neutron monochromator consisting of several disks with a longitudinal axis of rotation [with summary in English]. V. P. Vertebnyi, V. V. Kolotyi Ukr. fiz. zhur., 7 no. 9 975-979 S '62.

Measurement of slow neutrons in cosmic rays on an airplane N. L. Grigorov, V. D. Sokolov, V. F. Liutenko Trudy IAF AN SSSR, Ser. fiz no 4,4-9 '62

Neutron activation determination of phosphorus microquantities in biochemical materials [with summary in English]. S. P. TSelishchev, V. B. Mogilevkin. Izv. TSKHA no. 4 79-85 '62.

Neutron irradiation of silicon p-n junctions. IU. R. Nosov. Fiz. tver. tela 4 no. 12;3655-3667 D '62.

Neutron pulse form and the transmission function of a two-rotor neutron beam chopper. Part 1. Neutron chopper with flat slits [with summary in English]. V. P. Vertebnyi, V. V. Kolotyi. Ukr. fiz. zhur. 7 no. 9 980-991 S '62.

New corona counters of slow neutrons. Atom. energ 13 no 6 617 D '62

Operating conditions for SNM-6 counters at voltages up to 3 kv. A. V. Sergeev, A. A. Luzov. Trudy IAF AN SSSR Ser. fiz no. 4,38-40 '62

NEUTRONS—SCATTERING

Analysis of the excitation functions for levels of the Fe^{56} nucleus in the case of inelastic neutron scattering in an optical nuclear model D. A. Kardashov and others. Atom. energ. 13 no. 6;537-539 D '62.

Calculation of structure factors in the inelastic scattering of slow neutrons on NaCl type crystals. Z. A. Demidenko. Fiz. tver. tela 4 no. 12;3359-3366 D '62.

Elastic neutron scattering on nonspherical nuclei with a rotational spectrum [with summary in English]. V. S. Ol'khovs'kyi, IU. V. TSekhmistrenko. Ukr. fiz. zhur. 7 no. 12;1265-1270 D '62.

Inelastic neutron scattering on nonspherical nuclei with a rotational spectrum. V. S. Ol'khovs'kyi, IU. V. Tsekhmistrenko. Ukr. fiz. zhur. 7 no. 12;1363-1364 D '62.

Slow neutron scattering on composite magnetic structures. S. V. Maleev, V. G. Bar'iakhtar, R. A. Suris. Fiz. tver. tela 4 no. 12;3461-3470 D '62.

Theory of neutron scattering by the Coulomb field of the nucleus [with summary in English]. S. B. Gerasimov, A. I. Lebedev, V. A. Petrun'kin. Zhur. eksp. i teor. fiz. 13 no. 5;1872-1879 N '62.

NEUTRONS—SPECTRA

Calculating the spectra of fission neutrons emitted at angles of 0°, 15°, and 90° to the line of flight of fragments. E. I. Sinotinin. Atom energ. 13 no. 6;530-533 D '62.

Measurement of neutron spectra in lattices of uranium - water and uranium - monoisopropylbiphenyl. V. I. Mostovoi and others Atom. energ. 13 no 6 547-555 D '62.

Methods for calculating the spectra of slow neutrons. G. I. Marchuk and others. Atom. energ. 13 no. 6;534-546 D '62.

Spectra of neutrons from the sources, Po - Be and Ra - Be. L. Medvetskii. Atom. energ. 13 no 6 583-587 D '62.

NEVEROV, A., pseud. see Skobelev, Aleksandr Sergeevich, 1886-1923

NEW YORK (CITY)—BALLET

Bravo, "Bol'shoi"! Ogonek 40 no. 40;2-3 S '62.

NEW ZEALAND—LABOR AND LABORING CLASSES

In present-day New Zealand. R Hollis. Agitator no. 11; 33-35 Je '62.

NEWS AGENCIES see subdivision under Great Britain

NEWSPAPERS

Powerful weapon of communist and workers' parties. S. Ogurtsov. Sov. pech. no. 11;53-55 N '62.

NEWTON'S RINGS see Interference (Light)

NIACIN see Nicotinic acid

NICKEL

Diffusion and mobility of Sb^{124} in nickel P. P. Kuz'menko G. P. Grinevich. Fiz. tver. tela 4 no 11 3266-3269 N '62

Experimental study of the atomic scattering factor of nickel [with summary in English] N. F. Kravtsova, V. P. TSvietkov. Ukr. fiz. zhur. 7 no. 12;1355-1362 D '62.

X-ray study of the breakdown of a saturated solid solution of Ni in Ge A. M. Ellistratov, P. R. Kamadzhiev. Fiz. tver. tela 4 no. 12 3492-3495 D '62

NICKEL—ANALYSIS

On the article by I. I. Kalinichenko and A. A. Kniazeva "Photocolorimetric determination of nickel in alloyed copper without separating it." A. K. Babko. Izv. vys. uch. zav., khim. i khim. tekh. 5 no. 4;684-685 '62.

Reply to the letter by A. K. Babko on the article by I. I. Kalinichenko and A. A. Kniazeva "Photocolorimetric determination of nickel in alloyed copper without separating it." I. I. Kalinichenko, A. A. Kniazeva. Izv. vys. uch. zav., khim. i khim. tekh. 5 no. 4 685-687 '62.

NICKEL—ELECTROMETALLURGY

Alekseev, IU. V., and O. A. Popov. [Experience in semicontinuous smelting] Opyt polunepreryvnoi plavki. [Murmansk] Murmanskoe knizhnoe izd-vo, 1962. 23 p.

NICKEL—HEAT TREATMENT

Negative Δ G-effect and the magnetic internal friction in nickel depending on heat treatment. I. B. Bekalo, B. G. Livshits. Fiz. met. i metalloved 14 no. 2;223-230 Ag '62.

NICKEL—MAGNETIC PROPERTIES

Changes in the coercive force during high-temperature annealing of hardened nickel. I. IA. Dekhtiar, E. G. Madatova. Sbor. nauch. rab Inst. metallofiz. AN URSR no. 15 123-130 '62.

NICKEL—METALLOGRAPHY

Investigating the temperature and concentration dependence of the effect of chromium and molybdenum on the growth rate of recrystallization centers in nickel. L. E. Zasimchuk, L. N. Larikov. Sbor. nauch rab. Inst. metallofiz. AN URSR no 15 147-151 '62.

NICKEL ALLOYS—MAGNETIC PROPERTIES

Change in the coercive force following the annealing of deformed nickel alloys with additives of cerium, praseodymium, and gadolinium [with summary in English]. I. IA. Dekhtiar, V. V. Polotniuk. Ukr. fiz. zhur. 7 no. 12;1324-1334 D '62.

NICKEL CATALYSTS

Catalytic reduction of aromatic nitro compounds. Report No. 12; Polarographic study of the mechanism underlying the reduction of nitrobenzene on skeletal nickel. V. P. Shmonina and others. Trudy Inst. khim nauk AN Kazakh. SSR 8;64-72 '62.

Effect of the structure of a double layer on the adsorptive and catalytic properties of nickel and platinum. G. D. Zakumbaeva. Trudy Inst. khim. nauk AN Kazakh. SSR 8;73-80 '62

NICKEL-CHROMIUM ALLOYS—METALLOGRAPHY

Characteristics of equilibrium diagrams and dissolution and separation processes in the system Cr - Ni. V. N. Svechnikov, V. M. Pan. Sbor. nauch. rab. Inst. metallofiz. AN URSR no. 15;164-178 '62.

Ordering in nickel-chromium alloys. V. I. Goman'kov and others. Fiz. met. i metalloved. 14 no. 2;305-307 Ag '62.

NICKEL-COPPER ALLOYS see Copper-nickel alloys

NICKEL-IRON ALLOYS see Iron-nickel alloys

NICKEL NITRATE

Study of the system $Ni(NO_3)_2$ - NH_4BF_4 - water-ammonia mixture and its analytical application. Z. T. Maksimycheva, R. Balakerskaia. Uzb. khim. zhur. 6 no. 5; 11-15 '62.

NICKEL ORES

Conference on charting metallogenetic and prognostic maps of supergene nickel deposits. P. F. Andrushchenko. Geol. rud. mestorozh. no 5;113-116 S-O '62.

NICKEL PLATING

Effect of additives on the internal stresses of electrolytic deposits of nickel. A. V. Pamfilov, F. M. Mel'nik. Zhur. prikl. khim. 35 no. 10;2272-2275 O '62.

Electrolytic deposition of nickel from sulfate electrolytes with additives of some organic and inorganic substances [with summary in English]. G. Ozol-Kalnins, B. Purins. Izv. AN Latv. SSR no. 1;77-86 '61.

NICOTINE

Effect of increasing amounts of nitrogen fertilizers on the accumulation of nicotine in tobacco. M F, Mashkovtsev, A A Sirotenko, Sbor. nauch.-issl rab VITIM no 152 90-114 '61.

Nicotine content of tobacco raised from seeds following grafting on tomatoes M I Ternovskii, Sbor. nauch.-issl. rab VITIM no 152 60-61 '61.

NICOTINIC ACID

Treatment of alcoholism with nicotinic acid (vitamin PP) V Kh Ibragimov, A S Udovichenko Zdrav Kazakh 22 no 3 30-33 '62

NIGERIA—RELATIONS (GENERAL) WITH RUSSIA

Soviet people are active fighters for peace. Ransom Kuti. Az.i Afr.seg. no.12:31 D '62.

NIGERIA—TRADE UNIONS

Chains which constrain the workers' movement in Nigeria. Herbert O. Unegbu. Az.i Afr.seg. no.11 32-33 N '62.

NIGERIA—WOMEN—SOCIETIES, ETC.

Soviet people are active fighters for peace. Ransom Kuti. Az.i Afr.seg. no.12 31 D '62.

NIGHTSHADE—WATER REQUIREMENTS see subdivision under Azerbaijan

NIKITA (CRIMEA)—BOTANICAL GARDENS

The 150th anniversary of the Nikita Botanical Garden. K O Vakulenko Visnyk sil'hosp nauky 5 no 11 114-120 N '62

The pearl of Taurida, 150th anniversary of the founding of the Nikita State Botanical Garden. E M.Senchenkova. Priroda 51 no.12:78-82 D '62

NIKOLAEV, ALEKSEI IVANOVICH, 1892-

Glorious jubilee Zhivotnovodstvo 24 no 9 94-95 S '62

NIKOLAEV, ANDRIAN GRIGOR'EVICH, 1929-

Here served the astronaut No.3. Kryl.rod. 13 no.11-8-9 N '62.

NIKOLAYEV PROVINCE—ATHEISM—STUDY AND TEACHING

Join the brigades, go to farms. H. Bytiuk. Voiov. ateist no.9:30 S '62

NIKOLAYEV PROVINCE—IRRIGATION FARMING

Measures for improving irrigation in the south of the Ukraine. M O Besiednov. Visnyk sil'hosp nauky 5 no 11 54-60 N '62.

NIKON, Bishop of Vyborg, 1910-

Nomination and ordination of Archimandrite Nikon (Fomichev) as Bishop of Vyborg. Zhur. Mosk. Patr. no.10 3-8 O '62.

NIKOPOL' REGION—MANGANESE ORES

Geological conditions governing the formation of manganese oolites in the ores of the Southern Ukrainian manganese basin E F Shnlukov Geol rud mestorozh no 5 77-83 S-O '62

NIKOPOL' REGION—MINERALOGY

Mineralogy of aegirinites and albitites in the Malo-Belozerka Magnetic Anomaly O I Strykhin Trudy Inst geol. nauk AN URSR Ser petr., min ta geokhim no 6 109-116 '60.

NIKOPOL' REGION—OOLITE

Geological conditions governing the formation of manganese oolites in the ores of the Southern Ukrainian manganese basin E F. Shnlukov Geol. rud mestorozh no 5 77-83 S-O '62

NIOBIUM

The affinity of niobium for oxygen G. IA. Meerson, T. Segorceanu Atom. energ. 13 no 6 597-599 D '62

NIOBIUM—ANALYSIS

Analytical use of the reaction of formation of phosphomolybdoniobic heteropoly acid [with summary in English] M. I. Zaboeva, V. F. Barkovskii. Zhur. anal. khim. 17 no. 8:955-962 N '62.

NIOBIUM—SPECTRA

L_{III} and L_{II} absorption edges in niobium. M. I. Korunskii, IA. E. Genkin, L. I. Lukashenko Fiz.tver. tela 4 no. 10:2986-2987 O '62.

NIOBIUM COMPOUNDS

Hydrothermal synthesis and X-ray study of $TRNbTiO_6$ type compounds. A. N. Komkov and others. Dokl. AN SSSR 147 no.3:687-689 N '62.

Structure of complex niobium oxalates. L. G. Vlasov and others. Zhur neorg. khim 7 no 11:2534-2538 N '62.

NIOBIUM OXALATE

Structure of complex niobium oxalates. L G. Vlasov and others Zhur neorg. khim. 7 no. 11 2534-2536 N '62.

NIOBIUM OXIDE

Binary oxides containing tungsten, tantalum, and niobium. L. M. Kovba, V. K. Trunov. Dokl. AN SSSR 147 no.3 622-624 N '62.

NIOBIUM-SILICON-TUNGSTEN ALLOYS see Tungsten-niobium-silicon alloys

NIOBIUM-TUNGSTEN-ZIRCONIUM ALLOYS

Phase diagram of the ternary system consisting of niobium - tungsten - zirconium. E M Savitskii, A M. Zakharov Zhur neorg khim 7 no 11 2575-2580 N '62

NITRATION

Nitration of mineral oils IU N Shekhter, V. P. Kalashnikov, V I Goriacheva Khim i tekh topl. i masel 7 no 11 40-45 N '62

NITRIC ACID

Chemical stability of anion exchangers in nitric acid solutions. E. I Kazantsev. Zhur. prikl khim. 35 no 11.2567-2569 N '62.

Oxidation of nitric oxide in the course of nitric acid production M. E. Pozin and others. Zhur. prikl. khim. 35 no 11:2353-2359 N '62

NITRIDES

Chemical and thermal stability of nitrides of elements of the third group M D Liutaia, V F Bukhanevich Zhur neorg khim 7 no 11 2487-2494 N '62

NITRILES

Reactions of nitriles with hydrogen halides and nucleophilic reagents. E. N Zil'berman. Usp khim 31 no. 11-1309-1347 N '62.

NITRO COMPOUNDS

Addition of hem-dinitroalkanes to unsaturated nitro compounds. I. S. Ivanova, IU. V. Konnova, S S. Novikov. Izv. AN SSSR, Otd. khim. nauk no 11:2078-2079 N '62.

Determination of nitrogen in aromatic nitro- and polynitro compounds by the Kjeldahl micromethod [with summary in English] N. N. Bezinger, T. I. Ovechkina, G. D. Gal'pern. Zhur. anal. khim. 17 no 8:1027-1028 N '62.

Kinetic polarographic currents of the recombination of anions of nitro compounds. V. M. Belikov and others. Izv. AN SSSR, Otd. khim. nauk no. 11:2103 N '62

Simultaneous introduction of iodine and nitro groups into aromatic hydrocarbons of the polyphenyl series. A. N Novikov, T. A Khalimova. Zhur VKHO 7 no. 6 608 '62.

NITROBENZENE

Catalytic reduction of aromatic nitro compounds. Report No 12: Polarographic study of the mechanism underlying the reduction of nitrobenzene on skeletal nickel V. P Shmonina and others. Trudy Inst khim. nauk AN Kazakh SSR 8:61-72 '62

NITROCELLULOSE

Alkali solutions of low-substituted nitrocellulose. G. A. Petropavlovskii Trudy LTA no 91 105-113 '60

New nitro derivatives of cellulose. Z. I. Kuznetsova, V. S. Ivanova, N. N. Shorygina. Izv. AN SSSR, Otd. khim nauk. no. 11:2087-2089 N '62.

NITROGEN

Empirical relationships between force constants, lengths, and frequencies of nitrogen-oxygen bond stretching vibrations. IU. IA. Kharitonov. Izv. AN SSSR, Otd. khim. nauk no. 11:1953-1958 N '62.

Evaluation of the packing density of solid polymer chains. Part 5 Determination of the specific surface area of polymers by means of nitrogen vapor sorption [with summary in English]. M. V. TSilipotkina and others. Vysokom soed 4 no. 12 1844-1850 D '62.

NITROGEN—ANALYSIS

Determination of nitrogen in aromatic nitro- and polynitro compounds by the kjeldahl micromethod [with summary in English]. N. N. Bezinger, T. I Ovechkina, G. D. Gal'pern. Zhur. anal. khim. 17 no. 8:1027-1028 N '62.

NITROGEN—FIXATION

Conference on the biological fixation of nitrogen. E. F. Berezova Zemledelie 24 no 7:89-90 Jl '62

Role of Azotobacter in the accumulation of nitrogen in soil. D. Karaguishieva, Izv. AN Kazakh. SSR. Ser bot, i pochv. no. 3:36-41 '62.

NITROGEN COMPOUNDS

Theoretical study of reactivity in substitution reactions of molecules with conjugate bonds using the free electron method. Part 3. Five-membered nitrogen heterocycles [with summary in English]. M. N. Adamov, I. F. Tupitsyn. Vest. LGU 17 no. 22:13-18 '62.

NITROGEN FERTILIZERS

Protasov, P. V. [Nitrogen in cotton growing in Central Asia] Azot v khlopkovodstve Srednei Azii. Tashkent, Soiuz NIKHI, 1961. 163 p. (CU)

NITROGEN METABOLISM

Changes of chlorophyll and nitrogen substances in leaves of different color during maturation [fermentation] A. G. Petrenko, Z. P. Beliakova, Sbor. nauch.-issl. rab. VITIM no. 152 141-150 '61

Dynamics of nitrogen substances in tea leaves during ripening [with summary in English]. I. S. Trudy VNIIZ no 40 113-151 '60.

Elements of the nitrogen balance and feed utilization in Azov anchovy (Engraulis encrasicholus maeoticus Pusanov). G. I. Shul'man. Dokl. AN SSSR 141 no. 3 724-726 N '62.

Microelements in the nitrogen metabolism of plants. M G Abutalybov, D A. Alfev, A Samedova [illegible] Azerb SSR. biol. i med nauk no 4 41-49 '62

Nitrogen nutrition of microbes from the dysgonomyces group [with summary in English] II M [illegible] Mikrobiol zhur 24 no 2:7-13 '62

Role of molybdenum and vitamins in the assimilation of nitrogen from nitrates by plants [with summary in Heb]. E. I. Ratner, T. A. Akimochkina [illegible] 9 no. 6:663-673 '62.

NITROGEN OXIDE

Cheleptsev, I. P. [Vapor pressure of nitrogen oxide over nitrose] Ob uprugosti parov okislov azota nad nitrozoi Moskva, Laboratoriia nauchno tekhn. informatsii, 1961. 11 p (Tekhnicheskaia informatsiia [MK ROSTI '62]

Constants of the dissociation of glucuronic acid and cellulose oxidized by nitrogen dioxide III. Trudy LTA no. 91 71-82 '60.

Investigating the chemical transformations of cellulose during oxidation by nitrogen-dioxide using infrared spectroscopy A B. Poliak Trudy LTA [illegible] 109 '60.

Nitration of perfluoropropylene with nitrogen dioxide I. L. Knunyants, A. V Fokin, V. A Komissarov [illegible] VKHO 7 no 6 709-710 '62

Oxidation of nitric oxide in the course of nitric acid production. M. E. Pozin and others. Zhur. prikl. khim. 35 no. 11 2353-2359 N '62.

NITROSE

Denitration of nitrose in the combined production of nitric and sulfuric acids. A. N. TSeitlin, O. M. [illegible] Sbornik vys. uch. zav. khim. i khim. tekh. 5 no 4 [illegible]

NITROSO COMPOUNDS

Nitroso derivatives of 2, 6-dihydroxyanthraquinone and their bisulfite compounds. M. V Gorelik, I. A Mosolova. Zhur VKHO 7 no. 6 709-701 '62

NITROSYLSULFURIC ACID

Denitration of nitrose in the combined production of nitric and sulfuric acids. A. N. TSeitlin, O. M. [illegible] Sbornik vys. uch. zav. khim. i khim. tekh. 5 no. 4 [illegible]

NIZAMI, GANJAWI, 1141?-1203

Materials on natural science in the works of the great Azerbaijani poet and thinker Nizami Ganjawi [in Azerbaijani with summary in Russian]. M. A Alizade. Uch. zap. AGU, Biol., ser. no. 3:3-17 '60.

The philosophy of Nizami. Dzhamal Mustafaev. Nov. filos. 16 no. 12:84-93 '62.

NIZHNIY TAGIL—THEATER

Centennial of the Tagil theater. V. Sazonov. Teatr 23 no. 11:149 N '62.

NOGINSK DISTRICT—POLITICS AND GOVERNMENT

Persistence. F. Rusakov. Sov. deputi. trud [illegible] N '62.

NOMOGRAPHY (MATHEMATICS)

Khovanskii, G. S. [Nomograms for hydraulic [illegible] of drains] Nomogrammy dlia gidravlicheskogo [illegible] dren. Moskva, Vychislitel'nykh tsentr AN [illegible] 12 p. 6 graphs.

Local method of direct measurement of the velocity profile of the boundary layer of a nonuniform [illegible] plane plate [with summary in English] Z. P. [illegible] Inzh.-fiz. zhur. 5 no 10:47-52 O '62

Nomogram from flattened points for the calculation of the angles of escape of nuclear reaction products G. N. Potetiunko. Atom. energ. 13 no. 6 [illegible] '62.

NONFERROUS METAL INDUSTRIES—MANAGEMENT

Benuni, A. Kh. [Revealing and using the future potentials of nonferrous metallurgy] Vyiavlenie i ispol'zovanie proizvodstvennykh rezervov tsvetnoi metallurgii. Sverdlovsk, Metallurgizdat, 1962. 230 p.

NONFERROUS METALS

Klepikov, M. M. [Economize on nonferrous metals] Ekonomit'e tavotnye metally. [Rizan'] Rizanskoe knizhnoe izd-vo, 1962. 15 p.

NONFERROUS METALS—METALLURGY

Automation of production processes in nonferrous metallurgy. V. I. Feigin. Mekh. i avtom. proiz-va. 16 no. 11:30-33 N '62.

Sutyrshaldin, N.S. [Economic efficiency of new technological processes in nonferrous metallurgy]. Ekonomicheskaia effektivnost' novykh tekhnologicheskikh protsessov v tsvetnoi metallurgii Alma-Ata, Izd-vo Akad nauk Kazakhskoi SSR, 1962, 169 p.

NORADRENALINE

Effect of adrenaline and noradrenaline on the neurosecretory activity of the hypothalamiconeurohypophyseal system [with summary in English]. A.A.Galoian Vop.biokhim. 2:39-45 '61.

NORTH ATLANTIC OCEAN—ICE

Polar ice and climate. M.I.Budyko. Izv.AN SSSR.Ser. geog. no.6:3-10 N-D '62.

NORTH ATLANTIC TREATY ORGANIZATION

The haggle in the NATO. Nov vrem. 20 no 51 1-2 D '62.

NATO flag over the Acropolis. V.Kondrat'ev. Mezhdunar.zhizn' 10 no.1 83-95 Ja '63.

NORTH CHIMEA CANAL

The Dnieper River is climbing hills V.Grigor'ev. IUn tekh 7 no 11 22-24 N '62.

NORTH KAZAKHSTAN PROVINCE—COLLECTIVE FARMS

On the main highway. P.Barbarin. Agitator no.12: 45-48 Je '62.

NORTH KAZAKHSTAN PROVINCE—RAILROADS—*STATIONS*

Experience in the reconstruction and building of railroad stations in the Urals and North Kazakhstan. V.Rabinovich, V.Bezrukov Arkhit SSSR no.11:15-17 '62.

NORTH KOREA see Korea, North

NORTH OSSETIA see Ossetia, North

NORTH SEA—RULE OF THE ROAD AT SEA

Regulating navigation on the sea routes of Northwestern Europe. V.Tarutynov. Mor.flot 22 no.12:23-25 D '62.

NORTHEAST PASSAGE

In search of the Northeast Passage. S.Kirillov. Mor. flot 22 no.12:4-5 D '62.

NORTHERN CAUCASUS see Caucasus, Northern

NORWAY—CHILDREN'S PLAYS

Favorite playwright of Norwegian children V.IAkub. Teatr 23 no.11:188-189 N '62.

NOSE—DISEASES

Some biochemical changes in infectious atrophic rhinitis in swine [in Armenian with summary in Russian]. G.V.Komalian. Izv.Glav.upr.sel'khoz.nauk i podgot. kad.Arm.SSR 5 no.4:89-95 '62.

NOSOLOGY

Nomenclature and classification of diseases, injuries and causes of death. A.M.Markov, E.A Sadvokasova. Vest.AMN SSSR 17 no.8 68-74 '62.

NOSOV, SERGEI DMITRIEVICH, 1902-

Professor S.D.Nosov's anniversary. Pediatriia 41 no.9:87 S '62.

NOTARIES

(see also subdivision under Perm Province)

From the practice of notarial agencies. Sov.just. no.6: 32 Ap '62.

From the practice of notarial agencies. Sov.just. no.10:32 My '62.

From the practice of notarial agencies. Sov.just. no.11:32 Je '62.

From the practice of notarial agencies. Sov.just. no.12:31 Je '62.

From the practice of notarial agencies. Sov.just. no.22.31 N '62.

From the practice of notarial agencies. Sov.just. no. no.23:31 D '62.

Notaries should strengthen their ties with local soviets. N.Bulankin, A.Vasil'ev. Sov.just. no.22:29 N '62.

The registration of contracts for the sale and purchase of buildings. Sov.deput.trud. no.12:91-93 D '62.

NOVAYA KAKHOVKA—EMPLOYEES, DISMISSAL OF

Not a guest, but a competent boss. IA.Skitarevskii. Sov.profsoiuzy 18 no.22:30 N '62.

NOVGOROD PROVINCE—FOREST PROTECTION

Participate energetically in the solution of tasks facing forest workers; from inspection practices in forestry and forest protection in Novgorod Province B.Plerov Les khoz 15 no 7 70-73 Jl '62

NOVOCAINE

Use of novocaine in basic corticovisceral diseases. A.S. Simonenko. Vrach.delo no.12:126-128 D '62.

NOVOGRAD-VOLYNSKIY DISTRICT—RITES AND CEREMONIES

The birth of new rites and ceremonies. P.Ilnytuk, Volov.ateist no.11.24-28 N '62.

NOVOKUYBYSHEVSK—PETROLEUM REFINERIES

The Ruble has been forgotten. B.Polianin, B.Ivanov. Izobr.i rats. no.11:15 N '62.

NOVOKUZNETSK—BUILDING TRADES—STUDY AND TEACHING

Trade schools. V.Kabanov Agitator no 11:51-52 Je '62.

NOVOMIRGOROD MASSIF—APATITE

Apatite from labradorites of the Novomirgorod Massif. IU.V Kononov Trudy Inst geol.nauk AN URSR Ser petr., min ta geokhim no 6 31-36 '60

NOVOMIRGOROD MASSIF—ILMENITE

Accessory ilmenite from gabbro-labradorite rocks of the Novomirgorod Massif IU V Kononov. Trudy Inst geol nauk AN URSR Ser petr , min ta geokhim no 6:37-57 '60

NOVOROSSIYSK—CARGO HANDLING

If obstacles are removed. V.Kopytov, V. Molchanov. Sov. profsoiuzy 18 no.23:5-7 D '62

NOVOROSSIYSK—HARBOR

Using a turbodrill for underwater drilling and blasting V.I.Ostrovskii, L.S.Rasnetsov. Transp.stroi. 12 no.11:32-33 N '62.

NOVOROSSIYSK—PHOTOGRAPHY, SUBMARINE

Hydronauts at the start. A.Rogov. Vokrug sveta no.10:57-58 O '62.

NOVOSIBIRSK—BATHS, PUBLIC

In order to keep in a good mood. Zhil.-kom.khoz. 12 no.6:30-31 Je '62

NOVOSIBIRSK—KINDERGARTENS

Content of hemoglobin and erythrocytes in the blood of children in Novosibirsk kindergartens [with summary in English]. V.A.Balandina, D.I.Kaganovich, A.P. Kuznetsova. Pediatriia no.7 44-47 '62.

NOVOSIBIRSK—LAUNDRIES, PUBLIC

In order to keep in a good mood. Zhil.-kom.khoz. 12 no 6:30-31 Je '62.

NOVOSIBIRSK—OPERETTA

Young, contemporary, talented. Tat'iana Shaverdian. Sov.muz. 28 no.11 80-84 N '62.

NOVOSIBIRSK—SOVIETS

Story of the glorious deeds of the deputies of a district soviet. Sov.deput.trud. no.12:86 D '62.

NOVOSIBIRSK—SYMPHONY ORCHESTRAS

The Novosibirsk Orchestra performs in Leningrad. IU.Vainkop. Sov.muz. 26 no 11 111-112 N '62

NOVOSIBIRSK HYDROELECTRIC POWER STATION

Bolshakov, A.A., ed. [Construction of the Novosibirsk hydroelectric development] Opyt stroitel'stva Novosibirskogo gidrouzla. Moskva, Gosenergoizdat, 1962, 203 p.

NOVOSIBIRSK PROVINCE—ECONOMIC CONDITIONS—MAPS

Economic map of Novosibirsk Province. Z.I.Martynova. Geod.i kart. no.10.76-77 O '62.

NOVOSIBIRSK PROVINCE—FISH CULTURE

Prospects for the development of pond fish culture in Novosibirsk Province. M.V.Volgin. Trudy sov.ikht. kom. no.14:142-143 '62.

NOVOSIBIRSK PROVINCE—FOXES

Age craniology of the fox (Vulpes vulpes L.). A.B Markina. Trudy Biol inst.Sib otd AN SSSR no 3 171-179 '62.

NOVOSIBIRSK PROVINCE—GEOLOGY, STRUCTURAL

Geology of the surroundings of the Novosibirsk Research Center, A.L.Matveevskaia. Geol.i geofiz. no.10: 147-153 '62.

NOVOTUL'SKIY—METALLURGICAL PLANTS—TECHNOLOGICAL INNOVATIONS

Build production on a scientific basis. M.Gorlov. Part. zhizn' no.24:18-20 D '62.

NOVOUZENSK DISTRICT—SERVICE INDUSTRIES

Service industries are at the center of attention. G.Mitin. Sov.potreb.koop. 6 no.9:29 S '62.

NOVOZYBKOV DISTRICT—SOVIETS

Our people will tell you about the work of their deputy. A.Shkarubo. Sov.deput.trud. no.11:49-50 N '62.

NOZDRACHEVA, MATRENA SEMENOVNA

There are only two of them. F.Selivanov. Voen.znan. 38 no.12:8-9 D '62.

NOZZLES

Low-pressure nozzles for orchard sprayers. I.F. Snegovskii. Zashch.rast.ot vred.i bol. 7 no.4 54-55 Ap '62.

New working parts with deflector nozzles for sprayers V.N Kondrat'ev. Zashch rast ot vred.i bol 7 no.4 29-30 Ap '62.

Note on our article published in IFZh no. 4, 1962. S.I Kosterin, IU A. Koshmarov, IU V Osipov Inzh - fiz zhur 5 no 10 137-138 O '62

NOZZLES—TESTING

Universal test stand for regulating and testing nozzles Transp.stroi 12 no 10 54-55 O '62

NUCLEAR COUNTERS

New corona counters of slow neutrons. Atom energ 13 no.6 617 D '62.

Operating conditions for SNM-6 counters at voltages up to 3 kw. A.V.Sergeev, A.A.Luzov Trudy IAF AN SSSR Ser fiz. no.4:38-40 '62

Sokolov, S.N., and K.D.Tolstov. [Verification of counting efficiency and estimating the true number of events] Kontrol' effektivnosti nabliudenii i otsenka istinnogo chisla sobytii. Dubna, Ob'edinennyi in-t iadernykh issledovanii, 1962, 10 p. [With summary in English]

NUCLEAR ENGINEERING

[Nuclear engineering abroad] Atom.tekh za rub. 6 nos.11-12 N-D '62.

Pavlov, V.V. [Semiconductor measuring and controlling devices for nuclear power engineering] Poluprovodnikovye izmeritel'nye i upravliaiushchie ustroistva dlia iadernoi energetiki. Moskva, Gosatomizdat, 1962, 200 p.

NUCLEAR FISSION

Angular anisotropy of γ-quanta accompanying U^{235} fission [with summary in English]. M.V.Blinov and others. Zhur.eksp.i teor.fiz. 43 no.5:1644-1648 N '62.

Calculating the spectra of fission neutrons emitted at angles of 0°, 45°, and 90° to the line of flight of fragments E.I.Sirotinin. Atom energ 13 no 6 530-533 D '62

Disintegration of the C^{12} nucleus into three α-particles caused by inelastic scattering of 80Mev, π^+-mesons [with summary in English]. V.I.Bogatin, Z.Novak, V.I.Ostroumov. Zhur.eksp.i teor fiz. 43 no.5 1582-1591 N '62.

Energy distribution of photofission fragments of U^{238} nuclei at various peak energy values of the gamma-quantum bremsstrahlung spectrum [with summary in English]. B.A.Bochagov, A.P.Komar, G.E.Spliskin. Zhur.eksp.i teor.fiz. 43 no.5:1611-1615 N '62.

Equilibrium figures and fission of a rotating nucleus [with summary in English]. G.A.Pik-Pichak. Zhur. eksp.i teor.fiz. 43 no.5:1701-1708 N '62.

Kinetic energy of fragments emitted in subbarrier fission [with summary in English]. V.N.Okolovich, G.N.Smirenkin. Zhur.eksp.i teor.fiz. 43 no.5: 1861-1864 N '62.

Moments of inertia of a heated nucleus and the angular anisotropy of fission fragments [with summary in English]. IU.T.Grin'. Zhur.eksp.i teor.fiz. 43 no.5: 1880-1884 N '62.

NUCLEAR GEOPHYSICS

Filippov, E.M. [Applied nuclear geophysics; use of sources of nuclear radiation in geology and geophysics] Prikladnaia iadernaia geofizika; primenenie istochnikov iadernogo izlucheniia v geologii i geofizike. Pod obshchei red. L.S.Polaka. Moskva, Izd-vo Akad. nauk SSSR, 1962, 579 p.

Mikheev, G.F., and N.G.Feitel'man. [The economics of radiometric methods in the extractive branches of industry] Ekonomika radiometricheskikh metodov v dobyvaiushchikh otraslikh promyshlennosti. Moskva, Gosatomizdat, 1962, 166 p.

NUCLEAR MAGNETIC RESONANCE AND RELAXATION

Effect of gamma radiation on the intensity of a nuclear quadrupole resonance signal [with summary in English] I.Birlukov. Izv.AN Latv SSR no.3:59-60 '61.

Magnetic shielding of Na^{23} nuclei in alkali halide crystals. V.S.Grechishkin, M.L.Zlatogorskii, A.N.Osipenko. Fiz.tver.tela 4 no.10:2987-2989 O '62.

Making allowance for averaging over the oscillatory ground state in calculating the second moment of the nuclear magnetic resonance signal. N.N.Korst, V.A. Savel'ev, N.D.Sokolov. Dokl.AN SSSR 147 no.3:594-596 N '62

Relative intensities of nuclear quadrupole resonance lines of Sb^{121} in antimony trichloride [with summary in English. V.S.Grechishkin, I.A.Kiuntsel'. Zhur. eksp.i teor.fiz. 43 no.5:1712-1713 N '62.

Study of electrolyte solutions in dipole liquids by the method of magnetic resonance. Theory of magnetic relaxation. K.A.Valiev. Zhur.strukt.khim. 3 no.6.653-661 '62.

NUCLEAR MODELS

Equilibrium figures and fission of a rotating nucleus [with summary in English]. G.A.Pik-Pichak. Zhur. eksp.i teor.fiz. 43 no.5:1701-1708 N '62.

NUCLEAR MODELS (Continued)

Masses and charges of excited states in the Fermi-Yang model [with summary in English]. V.G.Vaks. Zhur. eksp i teor.fiz. 43 no 5 1885-1898 N '62.

NUCLEAR OPTICAL MODELS

Analysis of the excitation functions for levels of the Fe^{56} nucleus in the case of inelastic neutron scattering in an optical nuclear model D.A.Kardashev and others. Atom.energ. 13 no 6:587-588 D '62.

NUCLEAR REACTIONS

Angular distribution of α -particles from the reaction $Be^9(d,\alpha)Li^7$ [with summary in English]. P.H. Ivanits'kyi. Ukr.fiz.zhur. 7 no.11:1160-1164 N '62.

Arbuzov, B.A., and others. [K_{e4}-decays and isoscalar $\pi\pi$-resonance at low energies] K_{e4}-raspady i izoskalarnyi $\pi\pi$-rezonans pri malol energii. Dubna, Ob"yedinennyi in-t iaderynkh issledovanii, 1962, 4 p. [With summary in English]

Calculating the factors of γ-ray build-up in heterogeneous media D.L.Broder, Iu.P.Kaiurin, A.A.Kutuzov. Atom energ. 13 no 6 593-595 D '62.

Cross sections of photoproton reactions on lead [with summary in English]. Iu.I.Sorokin, V.G.Shevchenko, B.A.Iur'ev. Zhur.eksp.i teor.fiz. 43 no.5 1600-1603 N '62.

Decay of some millisecond isomers [with summary in English]. V.V.Remaev and others. Zhur.eksp.i teor. fiz. 43 no.6:1649-1652 N '62.

Electron and positron interactions at high energies. V.N.Baier. Usp.fiz.nauk 78 no 4,610-652 D '62.

Feynman amplitudes for nonrelativistic processes [with summary in English]. L.D.Blokhintsev, E.I.Dolinskii, V.S.Popov. Zhur.eksp.i teor.fiz. 43 no.5 1914-1926 N '62.

Inelastic diffraction processes at high energies [with summary in English]. E.D.Zhizhin, Iu.P.Nikitin. Zhur.eksp.i teor.fiz. 43 no.5:1731-1742 N '62.

Nedvedtuk, K., and others. [Angular distributions of α-particles and total cross sections for the reaction $C^{12}(t,\alpha_0)B^{11}$] Uglovye raspredeleniia a - chastits i polnye secheniia reaktsii $C^{12}(t,\alpha_0)B^{11}$. Dubna, Ob"yedinennyi in-t iaderynkh issledovanii, 1962. 6 p. [With summary in English]

Nomogram from flattened points for the relation between the angles of escape of nuclear reaction products G.N.Potetiunko. Atom energ. 13 no. 6 598-591 D '62.

On resonances in a baryon system with the strangeness |S| = 1. E.V.Kuznetsov, IA.IA Shalamov. Zhur. eksp.i teor.fiz. 43 no.5:1979-1981 N '62.

On the photoproduction of strange particles [with summary in English]. V.M.Arutiunian. Zhur.eksp.i teor. fiz. 43 no.5:1964-1966 N '62.

Polarization of protons in stripping reactions on light and medium nuclei [with summary in English]. M.V. Pasechnik, L.S.Saltykov, D.I.Tambovtsev. Zhur. eksp.i teor.fiz. 43 no 5:1575-1578 N '62.

Polarization phenomena in direct nuclear reactions taking spin-orbital interaction into account [with summary in English]. O.H.Sytenko, V.F.Kharchenko. Ukr.fiz.zhur. 7 no.11:1149-1159 N '62.

Regge poles and Landau singularities [with summary in English]. V.N.Gribov, I.IA.Pomeranchuk. Zhur. eksp.i teor.fiz. 43 no.5:1970-1975 N '62.

Simple nuclear reactions on Ca^{48} induced by high-energy protons [with summary in English]. I.Levenberg, V.Pokrovskii, I.IUtlandov. Zhur.eksp.i teor.fiz. 43 no.5:1619-1624 N '62.

Study of four-fermion interaction with the aid of unitarity and analyticity [with summary in English]. IU.A. Simonov. Zhur.eksp.i teor.fiz. 43 no.5,1678-1683 N '62.

Study of nuclear reactions of the type (p, xn) and (p, 2pxn) on separated tellurium isotopes [with summary in English]. N.G.Zaitseva and others. Zhur. eksp.i teor.fiz. 43 no.5:1672-1677 N '62.

Study of stripping reactions on chromium isotopes. P.H. Ivanyts'kyi. Ukr.fiz.zhur. 7 no.9:1023-1024 S '62

Study of the reaction C^{12} (t, p)C^{14} [with summary in English]. B.Ktun, V.I.Salatskii, I.V.Sisov. Zhur. eksp.i teor.fiz. 43 no.5:1660-1664 N '62.

NUCLEAR REACTORS

Accumulation of technetium in thermal reactors B.S. Kirianov, A.P.Smirnov-Averin, V.I Galkov. Atom energ. 13 no 6,595-597 D '62.

"Nuclear power reactors" by V.S.Ateshin, A.A.Sarkisov. Reviewed by IA.M.Raikin. Sudostroenie 28 no.11 79 N '62.

Three-group method for calculating the thermalization in the cell of a heterogeneous reactor. L.V.Maiorov, M.S.IUdkevich. Atom energ. 13 no 6:563-567 D '62.

NUCLEAR REACTORS—ELECTROMECHANICAL ANALOGIES

Studying the dynamics of a feedback reactor by the electric modeling method [with summary in English]. I.I.Sidorova. Inzh - fiz.zhur. 5 no.10 53-57 O '62.

NUCLEAR REACTORS—MATERIALS

International Symposium on Radiation Damage to Solid Bodies and Reactor Materials E.Andronikashvili. Atom energ. 13 no 6 606-608 D '62.

NUCLEAR SHELL THEORY

On the theory of many-electron systems with unfilled shells [with summary in English]. A.A Kiselev. Vest LGU 17 no. 22 5-12 '62.

NUCLEAR SHIELDING see Shielding (Radiation)

NUCLEAR SPIN

Anisotropy of the spin wave spectrum in yttrium garnet single crystals. IU.M.IAkovlev. Fiz tver tela 4 no.12:3626-3633 D '62.

Cascade Coulomb excitation of the rotational levels 1^+ and 6^+ [with summary in English] O.F.Afonin and others. Zhur.eksp.i teor.fiz 43 no 5:1604-1610 N '62.

Determining the spin of Eu^{152m} [with summary in English]. V.M.Lobashov, V.A Nazarenko, L.F.Saenko. Zhur.eksp.i teor.fiz. 43 no.5:1579-1581 N '62.

Experimental verification of Van Vleck's theory of the heat capacity of the spin system in paramagnetics. K.P Sitnikov. Fiz.tver.tela 4 no.12:3640-3642 D '62

The four-dimensional isospin group and the hypercharge in the axiomatic quantum field theory. IU.V.Novozhilov. Dokl.AN SSSR 147 no.3:600-603 N '62.

Gravitational interaction of fermions [with summary in English]. I.IU.Kobzarev, L.B.Okun'. Zhur.eksp.i teor.fiz. 43 no.5:1904-1909 N '62.

Mechanism underlying the effect of a vanadium admixture on the spin-lattice relaxation of chromium in corundum G.M Zverev, A.M. Prokhorov, A.K Shevchenko. Fiz tver tela 4 no 11:3136-3143 N '62.

On the feasibility of experimental verification of hypotheses concerning the nature of resonances [with summary in English]. B.V.Geshkenbein, B.L.Ioffe. Zhur.eksp.i teor.fiz. 43 no.5,1841-1842 N '62.

Spin-spin interaction of paramagnetic ion nuclei through a phonon field. Sh Sh Bashkirov, U kh Kopvillem. Fiz tver.tela 4 no 11:3310-3342 N '62

Spin structure of hole levels in the degenerate band and cyclotron resonance saturation. G.R.Khutsishvili. Fiz.tver.tela 4 no.10:2708-2713 O '62

Spin waves and paramagnetic relaxation in a Fermi liquid [with summary in English]. I.P.Ipatova, G.M. Eliashberg. Zhur.eksp.i teor.fiz. 43 no.5 1795-1803 N '62.

The symmetry theory in spin-phonon interaction [with summary in English]. A.K.Morocha. Zhur.eksp.i teor.fiz. 43 no.5 1804-1812 N '62.

Theory of a Fermi fluid consisting of two types of particles. Application to the nucleus [with summary in English]. A.B.Migdal. Zhur.eksp.i teor.fiz. 43 no.5:1940-1952 N '62.

NUCLEI, ATOMIC

Comparison of the energy states of the Gd^{152} nucleus with the theory of nonaxial nuclei. A.T Strigachev. Vest. Mosk.un. Ser. 3: Fiz.,astron. 17 no 6:20-23 N-D '62.

Lifetimes of the excited states of deformed Dy^{160}, Lu^{175}, Hf^{177}, Ir^{191} nuclei [with summary in English]. E.E.Berlovich and others. Zhur.eksp.i teor.fiz. 43 no.5:1625-1635 N '62.

Splitting of deuterons in a field of deformed nuclei [with summary in English]. E.Ismatov. Ukr.fiz.zhur 7 no.12:1271-1273 D '62.

NUCLEI, ATOMIC—SPECTRA

Elastic neutron scattering on nonspherical nuclei with a rotational spectrum [with summary in English]. V.S Ol'khovs'kyi, IU.V.TSekhmistrenko. Ukr.fiz.zhur 7 no.12,1265-1270 D '62.

Inelastic neutron scattering on nonspherical nuclei with a rotational spectrum. V.S.Ol'khovs'kyi, IU.V TSekhmistrenko. Ukr.fiz.zhur. 7 no.12:1363-1364 D '62.

NUCLEIC ACIDS

Changes in the content of nucleic acids in the blood of children of various ages with varying nutrition [with summary in English]. P.V.Simakov. Vop.pit. 21 no.4:10-14 Jl-Ag '62.

Study of local radiation injuries in DNA by the method of the thermal division of the spirals [with summary in English]. N.I.Riabchenko, P.I.TSeitlin, A.G. IAskevich. Biul.eksp.biol.i med. 54 no.11:51-54 N '62.

Studying some quantitative indices of DNA-mediated transmission of streptomycin resistivity in staphylococci [with summary in English]. P.V.Komarov. Mikrobiologiia 31 no, 3:454-458 My-Je '62.

NUCLEONS

Inelastic nucleon-nucleon interactions [with summary in English]. I.A.Kuchin, P.A.Usik. Zhur.eksp.i teor. fiz. 43 no.5:1569-1574 N '62.

NUCLEONS—SCATTERING

Determination of the regions of analyticity of diagram inserts corresponding to the scattering of nucleons, π-mesons, and K-mesons on nucleons. I.I Kostyrko Ukr. mat. zhur. 14 no. 4 411-417 '62

Golovin, B.M., and others. [On the reduction of NN-scattering amplitudes in T=0 states] O vosstanovlenii amplitudy NN-rasseianiia v sostoianiiakh T=0. Dubna, Ob"yedinennyi in-t iaderynkh issledovanii, 1962, 8 p.

NUCLEOTIDES

Free nucleotides of the thermophile and mesophile strains of Aspergillus fumigatus [with summary in English]. T.N.Evseinova, G.P.Miroshnichenko. Mikrobiologiia 31 no 3:428-433 My-Je '62.

NUMBERS, PRIME

Formula for determining a prime number corresponding to its numerical sequence. P.S.Veshchevskii. Mat v shkole no.5:74-75 S-O '62.

Number of groups of prime numbers and prime numbers of exponential forms. V.A Golubev. Izv.vys.ucheb. zav.,mat. no.6:28-33 '62.

Regularity in the distribution of prime numbers. B.A Rodosskii. Usp.mat.nauk 17 no.5 183-191 S-O '62.

NUMBERS, THEORY OF

Inverse problems of the additive theory of numbers. Part 7. Addition of finite sets. Section 4. Methods of trigonometric sums. G.A. Freiman. Izv.vys.ucheb. zav.,mat. no.6:131-144 '62.

NUMBERS, TRANSCENDENTAL

Examples of sets of transcendental numbers of the type ξ^{η}. Izv.vys.ucheb.zav.;mat. no 6:91-100 '62.

On transcendental numbers with a given type of approximation. Usp.mat.nauk 17 no.5:115-152 S-O '62

NUMISMATICS see subdivision under Latvia

NURA-TAU—ALUMINUM

Geochemistry of aluminum and calcium as revealed by the studies of emery deposits in the southern Nura-Tau. O.M.Borisov. Vop.geol.Uzb. no.2,7-21 '61

NURA-TAU—CALCIUM

Geochemistry of aluminum and calcium as revealed by the studies of emery deposits in the southern Nura-Tau. O.M.Borisov. Vop.geol.Uzb. no.2,7-21 '61

NUREK HYDROELECTRIC POWER STATION

A giant gathers strength. B.Snegov. Az.i Afr.segl no.11:24-25 N '62.

NUREMBERG TRIAL OF MAJOR GERMAN WAR CRIMINALS, 1945-1946

How the dead return to life. B.Leont'ev. Iak khoz no.12:77-78 D '62.

NURSERIES see subdivision under Moscow

NURSERIES (HORTICULTURE)

"Nurseries of ornamental plants and shrubs" by A.G. Mkrtchian. Reviewed by G.M.TSaturian. Izv.Vost. SSR.Biol. nauki 15 no.11:95-98 N '62.

The SShN-3 plantor for use in nurseries. V.I Nikolaevskii. Trakt i sel'khozmash. 32 no 9,31-33 '62

NURSERY STOCK—STERILIZATION

Bath for thermal sterilization of plants. L.G. Pritula. Zashch.rast. ot vred.i bol. 7 no 1,27-28 Ap '62

NURSES AND NURSING

Kovanov, V.V., ed. [Nurse's handbook on patient care] Spravochnik meditsinskoi sestry po ukhodu ... Moskva, Medgiz, 1962. 410 p. (DNLM)

NURSUK REGION (UZBEKISTAN)—PETROLEUM GEOLOGY

Prospecting for lithologic and stratigraphic traps containing pools in the region of Nursuk structures. A.M.Mukhamedzhanov. Vop.geol.Uzb. no.2 171-177 '61.

NUTRITION

Effect of a disturbance of the nutrition method on the indices of lipoid metabolism [with summary in English]. N.L.Popova, M.P.Asherova. Vop.pit. 21 no.4:20-25 Jl-Ag '62.

Effect of feeding regimes on the processes of digestion and secretion [with summary in English] A.M. Zagorodneva. Vrach.delo no.12:122-124 D '62

Effect of various nutritional regimes on the secretory function of the stomach; secretory function of the stomach in a nutritional regime with prolonged intervals between food intake and in disordered nutrition [with summary in English]. N.I.Putilin, I.N Staritskaia. Vop.pit. 21 no.4:25-30 Jl-Ag '62

NUTRITION—STUDY AND TEACHING

Organizing scientific practice in food hygiene for senior year students of sanitary hygiene department. M.B. Vladimirov. Vop.pit. 21 no. 4:90-91 Jl-Ag '62.

NUTS see subdivision under Irkutsk Province

NYLON—OPTICAL PROPERTIES

Tensile strength and birefringence of caprone and polypropylene fibers. M.F.Milagin, N.I.Shishkin. Fiz tver.tela 4 no.12:3578-3580 D '62.

NYLON—TESTING

Mechanical and antifriction characteristics of nylon, capron. IU.A. Evdokimov, A.F. Kolenko, V.A Chernkevich. Izv.vys.ucheb.zav. mashinostr. no.8 79-86 '62

OAK
(see also subdivision under Chuvashia, Gayain District, Lvov Province, Moldavia, Ukraine, Volga-Akhtuba Flood Plain; Zhitomir Province)
Applying chemical preparations in the transformation of sprout regenerated oak forests into seeded forests; preliminary report A.M.Il'in Izv.vys.ucheb.zav., les.zhur 4 no.5:30-31 '61.
Climatic conditions of the zone of distribution of the English oak K.B Lositskii Les khoz. 15 no 10 9-12 O '62
Effect of gibberellin on the intensity of some physiological processes in oak seedlings under conditions of sulfate salinization [with summary in English] L.IA. Silkin. Fiziol. rast. 9 no.6,712-717 '62.
Pyramidal oak. IU.V.Sinadskii. Priroda 51 no.12: 98 D '62.

OAK—DISEASES AND PESTS see subdivision under Lipetsk Province

OATS
Characteristics of the flowering of graminaceous plants in relation to the effect of insufficient soil moisture [with summary in English] F.D Skazkin, K A.Lukomskaia. Fiziol. rast. 9 no.6:703-707 '62

OB' VALLEY—BLACK FLIES
Materials on black flies (Diptera, Simuliidae) in the upper Ob' Valley V D Patrusheva, Trudy Biol inst Sib otd AN SSSR no 8 165-170 '62.

OB' VALLEY—CLAY
Mineralogical types of clay in Upper Cretaceous sediments of the middle Ob' Valley. E.G.Sorokina. Trudy SNIIGGIMS no.10;123-129 '60.

OBNORSKII, SERGEI PETROVICH, 1880-1962
S.P.Obnorskii; obituary. Vest.AN SSSR 32 no.12:89 D '62.

OBSESSIONS
Clinical aspects and treatment of obsessive states in vascular lesions of the brain and neurosis. V.M. Banshchikov, A.G.Ambrumova, I.N.Bobrova. Trudy Gos. nauch.-issl.inst.psikh. 25.96-104 '61.

OBSTETRICS
Lebedev, A.A., ed. [Exercise therapy in obstetrics and gynecology] Lechebnaia fizkul'tura v akushorstve i ginekologii, posobie dlia vrachei zhenskikh konsul'tatsii i rodil'nykh domov. Moskva, Medgiz, 1962. 173 p.
(DNLM)

OBSTETRICS—EQUIPMENT AND SUPPLIES
Chachava, K.V. [Vacuum extractor in obstetrics] Vakuum-ekstraktor v akushorstve. Tbilisi, Gos. izd-vo "Sabchota Sakartvelo," 1962. 120 p.
(DNLM)

O'CASEY, SEAN, 1884-
Adaptability of Sean O'Casey's dramaturgy to the stage. M.Druzina. Teatr 23 no.11,180-184 N '62.

OCCUPATIONAL DISEASES
Cancerogenic products in the chemical industry [with summary in English]. T.A.Koroteleva Gig truda i prof.zab. 6 no.6 11-17 Je '62
Occupational dermatoses caused by products of the pyrolysis of petroleum and the possibilities of their degeneration into skin cancer [with summary in English]. T.S. Bruevich Gig truda i prof zab. 6 no 6,38-43 Je '62
Principle and methodological possibilities for the preliminary evaluation of the cancerogenic activity of substances recently introduced into industry [with summary in English]. L.S Saltamon. Gig truda i prof.zab 6 no.6 28-32 Je '62
Study of occupational neoplasms and the cancerogenicity of substances recently introduced into industry [with summary in English]. N V. Lazarev, N P. Napalkov. Gig truda i prof. zab. 6 no.6:5-11 Je '62.

OCCUPATIONAL DISEASES—PREVENTION
Cancerogenic substances in the aniline dye industry and prophylactic measures [with summary in English]. Gig truda i prof. zab 6 no 6,17-24 Je '62
Prevention of occupational neoplasms of the bladder [with summary in English]. A.S. Karapetian, I.S. Temkin. Gig. truda i prof. zab. 6 no.6:25-28 Je '62.

OCCUPATIONS, DANGEROUS
Amendments and supplements to the list of industries, workshops, occupations and positions with harmful working conditions, the work in which entitles workers to supplementary leave and shorter working days Biul Gos. kom. po vop. truda i zar. platy no. 7:3-03 '62.

OCEAN BOTTOM see subdivision under Black Sea; Pacific Ocean

OCEAN CURRENTS see subdivision under Kayrakum Reservoir; Pacific Ocean

OCEAN TEMPERATURE—MEASUREMENT
Accuracy of measurements of water temperature by the vertical sounding method. V.D.Pozdynin. Meteor.i gidrol. no.11;54-56 N '62.

OCEANOGRAPHIC INSTRUMENTS
(see also subdivision under Black Sea)
Akademiia nauk SSSR Okeanograficheskaia komissiia. [Handbook on oceanographic instruments and equipment] Spravochnik po okeanograficheskim priboram i oborudovaniiu Moskva, Izd-vo Akad. nauk SSSR, 1962 141 p

OCEANOGRAPHY
"Seas," Reviewed by T.Chekhovskaia. Vokrug sveta no.10,63 O '62.
"Short course in meteorology and oceanography for sea captains" by P G Vovchenko, A I. Zubkov Reviewed by E A Strunnikov Meteor. i gidrol no 12 49-50 D '62.

OCEANOGRAPHY—BIBLIOGRAPHY see Bibliography—Oceanography

OCTANE
Conversions of 2,2,4-trimethylpentane and n.octane on a platinum catalyst, IU.N.Usov, N.I.Kuvshinova. Kin i kat. 3 no.6;931-936 N-D '62

OCTYLAMINE
Extraction of chloride complexes of bismuth by means of n-octylamine I A. Shevchuk, L I Degtiarenko Ukr. khim. zhur no.9 1112-1114 '62.

ODESSA—ARCHAEOLOGICAL SOCIETIES
The Archaeological Society of Odessa. M. IU. Braichevs'kyi. Ukr. ist. zhur. 6 no.5;150 N-D '62

ODESSA—ATHEISM
In the community center of an apartment house. M.Binov, P.Karas'. Votov. ateist no.11 42 N '62.

ODESSA—CLOTHING INDUSTRY—ACCOUNTING
Accounting for output and wages based on the finished product. I.Fiterman. Bukhg. uchet 19 no.11 36-40 N '62.

ODESSA—EVENING AND CONTINUATION SCHOOLS
New department in the Odessa Institute of Marine Engineering Mor flot 22 no.11;47 N '62.

ODESSA—HISTORY
Ginfel'd, IU. [Reminiscences of the struggle for freedom and democracy in Odessa during the years 1918-1920] Iz vospominanii o bor'be za svobodu i narodovlastie v Odesse, 1918-1920 gg. New York 1962. 47 l. (Interuniversity Project on the History of the Menshevik Movement. Paper, no.9)
(CSt-H)

ODESSA PROVINCE—GROUND BEETLES—EXTERMINATION
Chemical control of the ground beetle Zabrus tenebrioides. N.K.Egorova. Zashch.i rast.ot vred.i bol. 6 no.8;21-22 Ag '61.

ODESSA PROVINCE—INDUSTRIAL MANAGEMENT
Personnel excess. P.Ogurtsov. Fin.SSSR 23 no.11; 68-70 N '62.

ODESSA PROVINCE—LABOR AND LABORING CLASSES
What aid do we need. V.Emets. Sots.trud 7 no.11; 66-00 N '62.

ODESSA PROVINCE—MOLE RAT
Reproduction of the mole rat Ioucodon Nordmanni in Odessa Province [with summary in English]. S.L. Samarskii. Zool.zhur. 41 no.10,1583-1584 O '62.

ODINTSOV, PETR NIKITICH, 1892-
Seventieth birthday of Academician Petr Nikitich Odintsov. A.Kainins. Izv.AN Latv SSR no 3;117-122 '61.

OFFENSES AGAINST SOCIALIST PROPERTY
Criminal responsibility for the theft of public, communal, and private property. Sov.iust. no.11;12-15 Je '62

OFFICE EQUIPMENT AND SUPPLIES
Means for the mechanization and automation of engineering and management work in industrial enterprises. G.L.Slozinger. Mekh.i avtom.proizv. 16 no.11: 47-51 N '62.

OFFICE PRACTICE IN GOVERNMENT see subdivision under Khabarovsk; Kuybyshev Province; Srednyaya Akhtuba District

OIL CAKE AS FEED
Gold-of-pleasure cakes. V.F. Domina. Zhivotnovodstvo 24 no 9;48 S '62.

OIL FIELD BRINES see subdivision under Daghestan; Tatar A.S.S.R.

OIL FIELD BRINES—ANALYSIS see subdivision under Fergana

OIL FIELD FLOODING see subdivision under Yuzhnyy Alamyshik region

OIL FIELDS—PRODUCTION METHODS
(see also subdivision under Azerbaijan)
Limits of maintaining oil production with commercial reserves. B.A.Tkhostov, M.S L'vov. Geol nefti i gaza 6 no.12 8-15 D '62
Planning the development of oil reserves. A.A Reznik. Geol.nefti i gaza 6 no.12;1-7 D '62

OIL HYDRAULIC MACHINERY
Determining hydraulic losses in hydraulic torque converters D.IA Aleksapol'skii Sbor trud Lab gidr mash AN URSR no 10 122-131 '62
Experimental investigation of flow structure before the pump wheel of a hydraulic torque converter. V.N Makarchuk, V M. Mishchenko Sbor trud Lab gidr. mash AN URSR no 10 146-152 '62
Hydraulic dismantling cart. I.Tuktaev. Avt.transp. 40 no.11:50-51 N '62.
Selecting geometrical parameters for hydraulic torque converters. IU S. Leites Sbor trud Lab gidr mash AN URSR no 10 132-145 '62

OIL INDUSTRIES see subdivision under Moscow; Rzhevsk; Urgench, Voronezh

OIL INDUSTRIES—BIBLIOGRAPHY see Bibliography—Oil industries

OIL INDUSTRIES—EQUIPMENT AND SUPPLIES
(see also subdivision under Zaporozh'ye)
From the experience in substituting the ND-12500 extractor for the ND-1000 model I.K. Gontar'. Masl.-zhir.prom. 28 no.11 34-36 N '62.

OIL INDUSTRIES—TECHNOLOGICAL INNOVATIONS
Certificates of inventions and patents. Masl.-zhir.prom. 28 no.11;15-46 N '62.

OIL OF ROSES see Attar of roses

OIL RESERVOIR ENGINEERING
Concerning one method for determining the productive capacity of imperfect wells. K.T.Shirinov. Trudy Vych.tsentra AN Azerb.SSR 1;7-12 '62.
Increase in the recovery limit of oil from water-free imperfect wells in a nonuniform layer. F.G.Gasanov, IA.K.IUnusov. Trudy Vych.tsentra AN Azerb.SSR 1 96-101 '62.
Some problems concerning the regulation of recovery in separate use of nonuniform layers. F.G Gasanov. Trudy Vych.tsentra AN Azerb.SSR 1;71-82 '62.
Sultanov, S.A., and V.A.Kharikov. [Controlling the movement of water-oil contacts and oil-bearing contours] Kontrol' za prodvizheniem vodo-neftianogo kontakta i konturov neftenosnosti. Pod red. V.N. Dakhnova. Moskva, Gostoptekhizdat, 1962. 166 p.

OIL RESERVOIR ENGINEERING—GRAPHIC METHODS see subdivision under Fergana

OIL SANDS
(see also subdivision under Caucasus, Northern, Pripet Valley; Saratov Province; Turukhansk District)
All-Union Conference on the standardization of methods and apparatus used in studying oil and gas reservoir rocks M Kalinko Geol nefti i gaza 6 no 10 64-65 O '62.
All-Union Conference on the Unification of Methods and Equipment Used in the Study of Reservoir Properties of Rocks, S.V.Sukhanova. Sov.geol. 5 no.11;131-134 N '62.

OIL SANDS—ELECTRIC PROPERTIES
Some results in methodological studies of fracturing in rocks based on their electric resistance I.I Goriunov Trudy VNIGRI no 193 148-168 '62

OIL SANDS—PERMEABILITY
(see also subdivision under Daghestan, Stavropol Territory)
Connection between the parameters of fracturing in rocks and their reservoir and flow properties. E.S. Romm. Trudy VNIGRI no 193,141-147 '62
Corrections of errors made in the density monograms for calculating and permeability of fractures. V.K. Gromov. Trudy VNIGRI no 193 244-245 '62

OIL WELL CEMENTING—EQUIPMENT AND SUPPLIES
Cement carrier with dumping bottom. D.A.Leshchev, V.I.Molchanov. Trudy SNIIGGIMS no.10;169-170 '60.
Practice of using shooting plugging devices. A.D. Veisman, I.D.Kaftiin, Razved.i okh.nedr. 28 no.11: 48-49 N '62.

OIL WELL DRILLING see subdivision under Karadag region; Krasnodar Territory

OIL WELL DRILLING—BIBLIOGRAPHY see Bibliography—Oil well drilling

OIL WELL DRILLING, SUBMARINE see subdivision under Azerbaijan

OIL WELL DRILLING, SUBMARINE—BIBLIOGRAPHY see Bibliography—Oil well drilling, Submarine

OIL WELL DRILLING FLUIDS

Study of spherosiderites as weighting material of clay muds K S Magataev, V D, Patrusheva, V. P. Komarov Trudy Geol inst Dag fil AN SSSR 2 204-212 '60

OIL WELL DRILLING RIGS

BU-75Br drilling rig needs improvement N Fostiukov Neftianik 7 no 5 11 My '62.

OIL WELL LOGGING

(see also subdivision under Kuban)

Sonic logging as a possible method of the study of fracturing in rocks IU I Kuznetsov Trudy VNIGRI no 193 169-177 '62

OIL WELL LOGGING, ELECTRIC

Using data from the maximum points of Lateriog curves in determining the porosity coefficient of reservoirs V. N Dakhnov. Geofiz. razved no 10,65-70 '62

OIL WELL LOGGING, ELECTRIC—EQUIPMENT AND SUPPLIES

Selection of the basic parameters of induction logging apparatus M I Pilusnin Geofiz razved no 10 70-80 '62

OIL WELL PUMPS—MAINTENANCE AND REPAIR

Plastics are available to petroleum workers. M. Rozhnov. Neftianik 7 no. 5 19 My '62

OIL WELLS—EQUIPMENT AND SUPPLIES

(see also subdivision under United States)

New alloy for stamps. A Maitkevich Neftianik 7 no 5-12 My '62

Small-diameter torpedoes. A. V. Tuchin. Neftianik 7 no 5 8-9 My '62

OIL WELLS—MAINTENANCE AND REPAIR

(see also subdivision under Azerbaijan)

Eliminate causes of accidents during an underground repair of oil wells. Kh. M. Mordukhaev. Bezop. truda v prom. 6 no. 12;11-12 D '62.

OILS AND FATS

Bezzubov, L. P. [Chemistry of fats] Khimiia zhirov. 2., izd. perer. i dop. Moskva, Pishchepromizdat, 1962. 396 p.

Discussion of the selectivity of oil hydrogenation. A. A. Zinov'ev. Masl.-zhir. prom. 28 no 11;13-19 N '62.

Effect of Co^{60} gamma rays on the activity of the enzyme lipase and the characteristics of the grain fats of stored corn [with summary in English]. A D Chmyr'. Trudy VNIIZ no. 38 97-104 '60.

Materials on a study of the parenteral alimentation with fat. Report No. 1: The preparation of fat emulsions suitable for intravenous administration. V. Korzans. Izv. AN Latv. SSR no. 2-161-164 '61.

Method of grist conditioning according to moisture. I. M. Ismailov, A. U. Makhmudov, V. G. Klepikov. Masl.-zhir. prom. 28 no. 11;37-38 N '62.

Reaction of polymers of cyclopentadiene with vegetable oils. A. V. Chernobai. Zhur. prikl. khim. 35 no. 10: 2346-2347 O '62.

Using the electrolytic method of washing oil micelles. I. V. Gavrilenko, E. P Meklinulova Masl.-zhir. prom 28 no. 11,7-9 N '62.

OILS AND FATS—ANALYSIS

Colorimetric methods of determining the amount of phosphor-containing substances in oil V. K. Kostenko Masl.-zhir. prom. 28 no. 11 9-12 N '62.

OILS AND FATS, EDIBLE—STORAGE

Changes occuring in the properties of sheep fat in case of long storage. N. Nakoechnyi Mias. ind. SSSR 33 no 5 54-56 '62

OKHOTSK—FISH PROCESSING PLANTS

Hands should not smell of fish. A. Ryzhkin. Izobr. i rats no. 11;13 N '62.

OLD BELIEVERS see subdivision under Kiliya District

OLEFINS

Catalytic and kinetic features of the stereospecific polymerization of α-olefins. G. Natta, I. Pasquon Kin i kat. 3 no. 6-807-829 N-D '62.

Hydrogenation of alkenes. Report No 1: Hydrogenation of some olefins. A M. Sokol'skaia. Trudy Inst khim. nauk AN Kazakh SSR 8;56-63 '62.

Mekhtiev, S. D., and IU. G. Kambarov. [Olefinic hydrocarbons and their use in the petrochemical industry] Olefinovye uglevodorody i ikh primenenie v neftekhimicheskoi promyshlennosti. Baku, Azerbaidzhanskoe gos. izd-vo, 1962. 163 p.

Oxidation of unsaturated hydrocarbons on a copper catalyst. L. P. Shapovalov, IA B. Gorokhovatskii, M. IA. Rubanik Ukr. khim zhur. 28 no 9;1031-1036 '62.

Removal of acetylenic compounds from the butylene-vinyl fraction of gases of petroleum product pyrolysis by the methods of selective hydrogenation. P. S. Kogan, N. L. Sanina, S. N. Kazarnovskii. Khim. prom. no. 10, 717-719 O '62.

OLEKMA VALLEY—FORESTS AND FORESTRY

Growth and productivity of forests in the Olekma River basin IU D Kartashov Les khoz 15 no 7 13-16 Jl '62

OLEORESINS

Hand cart for collecting oleoresin L. A. Varygin Gidroliz i lesokhim prom 15 no. 8 20-22 '62.

OLIGOCHAETA

Effect of ecological conditions on the intensity of reproduction of some freshwater oligochaetes. M. M. Korotun Visnyk sil'hosp. nauky 5 no. 10 114-115 O '62.

OLIVINITES see subdivision under Svarants region

OLYMPIC GAMES

Results of the 59th session of the International Olympic Committee (to be continued). A. O. Romanov. Teor i prak. fiz. kul't 25 no. 10;12-19 O '62

OMENTUM—DISEASES

Torsion of the omentum. D. P. Andreev. Zdrav. Kazakh 22 no 3 57-59 '62.

OMENTUM—SURGERY

Renal function in omentorenopexy in portal hypertension; an experimental study. V. A Vasilenko. Urologiia no. 5-6-11 '62.

Significance of vascular organic anastomoses in treating portal hypertension M. K. Ashrapova. Klin. med. 40 no. 10-78-81 O '62.

OMSK—BEACHES

The embankments of Omsk. V. Alkhimov. Na stroi. Ros. 3 no. 9;21 S '62.

OMSK—CITY PLANNING

The general plan of Omsk. B. Antipov. Na stroi. Ros. 3 no. 9-18-19 S '62.

Groups of volunteer architects at work. L. Stepanov. Na stroi. Ros. 3 no. 9;22 S '62.

New plans of micro-districts. N. Pervushin. Na stroi. Ros. 3 no. 9;19-20 S '62.

OMSK—LANDSCAPE GARDENING

Modern methods of landscape gardening in a city. I. Maslova. Na stroi. Ros. 3 no. 9 22-23 S '62.

OMSK—LIGHTING

Illumination after dark. S. Pogadaeva. Na stroi. Ros. 3 no. 9;23-24 S '62.

OMSK—POLITICS AND GOVERNMENT

Efficient work of nonsalaried personnel. V. Polubinskii. Sov. deput. trud. no. 12;69-72 D '62.

OMSK PROVINCE—EXCAVATION

Mixed crews of mechanizers A. Pereshivkin, I. Trishkin Na stroi Ros 3 no 8 20-21 Ag '62

OMSK PROVINCE—MILKING

The carrusel type milking conveyor K. S. Shapovalov, N. K Vnzenmitler. Zhivotnovodstvo 24 no 9-79-85 S '62.

ONEGA—HYDROLYSIS

Slime conduit made of plywood pipes. A. S Kovtun Gidroliz. i lesokhim. prom. 15 no. 8 30 '62

ONCOLOGY

Viruses in oncology. L Zil'ber. Nauka i zhizn' 29 O '62

ONCOLOGY—CONGRESSES

Eighth International Cancer Congress Nauka i zhizn' 29 no 10 30-31 O '62

ONCOLOGY—EXHIBITIONS

Weapon of medicine. Nauka i zhizn' 29 no. 10 36-45, 35 60. O '62.

ONION BREEDING see subdivision under Ukraine

ONIONS

(see also subdivision under Uzbekistan)

Biological characteristics of Allium fistulosum L. species and its classification [with summary in English] A. A. Kazakova. Trudy po prikl. bot., gen. i sel. 34 no. 2;22-27 '61.

Biology of flowering and successive stages in the development of the female gametophyte of Allium fistulosum L. [with summary in English]. T. V. Sedova. Trudy po prikl. bot., gen. i sel. 34 no. 2;50-54 '61.

Branching formula of the bulb onion [with summary in English]. A. A. Makarov. Trudy po prikl. bot., gen. i sel. 34 no 2;69-71 '61.

ONIONS—VARIETIES see subdivision under Aktyubinsk Province

ONTOGENY

Respublikanskaia nauchnaia konferentsiia [Structure and function of the analyzers in ontogenesis] Struktura i funktsiia analizatorov cheloveka v ontogeneze, trudy. Pod obshchei red. G. A. Sarkisova. Moskva, Medgiz, 1961. 296 p. [With summaries in English]

OOLITE see subdivision under Nikopol' region

OPEN-CUT MINING see Strip mining

OPEN-HEARTH FURNACES

Borisov, P. V., E. F. Golkolov, and G. P. Gromakov. [Construction of open-hearth furnaces] Kladka martenovskikh pechei. Moskva, Gosstroiizdat, 1962. 125 p.

OPEN-HEARTH FURNACES—COST OF OPERATION

Comparative analysis of technical and economic [illegible] of open-hearth furnace plants with [illegible] furnaces. V. A. Romenets, [illegible]. Izv. vyss. ucheb. zav.; chern. met. 5 no 11, 70? 70[illegible]

OPEN-HEARTH FURNACES—DESIGN AND CONSTRUCTION

Service conditions and processes of the wear of basic refractories in the bulkheads of open-hearth furnace front walls. Sb. M. Berman, M. P. IAnkelevich, V. S. Shapovalov. Sbor. nauch. trud. UNIIO no 5 101-108 '61.

Use of synthetic forsterite brick for the checkers of the open-hearth furnace gas regenerators, A. [illegible] and others. Sbor. nauch. trud. UNIIO no 5 109-[illegible] '61.

OPEN-HEARTH FURNACES—EQUIPMENT AND SUPPLIES

Performance of casting bays. O. V Baikova. Metall 7 no. 12 17-19 D '62.

OPEN-HEARTH FURNACES—MAINTENANCE AND REPAIR

Repair of basic open-hearth furnace hearth [illegible] fine-grained refractory powders V. I. [illegible] and others. Metallurg 7 no 12 11-11 D '62

Testing of synthetic patching powders in the repair of open-hearth furnace bottoms. V. M. [illegible] and others. Sbor. nauch. trud. UNIIO no. 5 202-[illegible] '61.

OPEN-HEARTH PROCESS

Automatic control of the open-hearth process. I. V Abrosimov and others. Izv. vyss. uchb. zav. chern. met. 5 no. 11;37-41 '62.

Mechanism of scrap metal melting and determination of the moment of the end of its melt down by [illegible] indications. V. I. Akinfeev. Izv. vyss. uchb. zav. chern. met. 5 no. 11;42-47 '62.

Mechanism of slag formation during the melting period in high capacity open-hearth furnaces. V. A. [illegible] kov and others. Izv. vyss. uchb. zav., chern. met. 5 no. 11;48-56 '62.

OPERA

(see also subdivision under Bulgaria, Kiev, Moscow, Vienna; Voronezh)

Let's talk about singers. Z. Gaidai. Sov. muz. 26 no. 10 17-19 O '62.

OPERA—HISTORY AND CRITICISM

Can an opera be adapted from the play "The wooden drummer?" A. Nikolaev. Sov. muz. 26 no. 11 [illegible] N '62.

In the name of light versus darkness. K. Mel'[illegible]. Sov. muz. 26 no. 11;10-11 N '62.

Romance of the revolution. A. Khaimin[illegible]. Sov. muz. 26 no. 11,7-8 N '62.

Work and friendship. A. Flinrkovskii, Sov. muz. 26 no. 11;8-9 N '62.

OPERA, BULGARIAN—HISTORY AND CRITICISM

New Bulgarian operas. Sov. muz. 26 no 10 124 O '62

OPERA, KIRGHIZ—HISTORY AND CRITICISM

Lyric drama. M. Abdraev. Sov. muz. 26 no. 11-12 12 N '62.

OPERA, UKRAINIAN—HISTORY AND CRITICISM

Thoughts of an opera composer. [illegible] Sov. muz. 26 no. 10-10-13 O '62

OPERATIONS, SURGICAL

Postoperative pancreatitis [with summary in [illegible]] T. N. Shcherbakova. Vest. khir. 88 no. 4 [illegible]

OPERATIVE SURGERY see Surgery, Operative

OPERATORS (MATHEMATICS)

Complete continuity of the operators of imbedding [illegible] spaces of fractional differentiable functions. I. A Kipriianov. Usp. mat. nauk 17 no. 2-103 [illegible] '62.

A priori inequalities for certain differential operators with variable coefficients. L. P. Nizhnik Ukr. mat. zhur. 14 no. 4;426-431 '62.

OPERETTA see subdivision under Budapest; Kiev, Novosibirsk

OPHTHALMOLOGY see subdivision under Terenpol'

OPHTHALMOLOGY

New solvent for the preparation of drugs used in ophthalmology. M. M. Lenkevich, A. A. Iakovlev. Vest. oft. no. 6:61-63 '62.

Use of linamin in the eye clinic [with summary in English] V. S. Gorlanov. Vest. oft. no. 5:78-81 '62.

OPHTHALMOSCOPY

Ophthalmoscopy as a method for the analysis of unsuccessful operations in glaucoma. N. B. Shul'pina. Vest. oft. no. 6:28-30 '62.

OPOKA

Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut mineral'nogo syr'ia. [Industry's requirements as to the quality of mineral raw materials] Trebovaniia promyshlennosti k kachestvu mineral'nogo syr'ia, spravochnik dlia rabotnikov. Moskva, Gosgeolitekhizdat.
No. 21. Gaize, opoka, trepel'. 1962. 34 p.

OPTICAL MEASUREMENTS

Method of studying the electron characteristics of metals on the basis of measurements of their optical constants [with summary in English] L. P. Gurov, I. F. Belaiaa, N. V. Perelygina, Zhur. eksp. i teor. fiz. 43 no. 5:1957-1961 N '62.

Determining the components of stressed and deformed conditions in the plastic range by optical test data. P. I. Tolkachev, V. P. Voronkov, I. Vsyp. nauch. av., issled. inst. no. 11:80-88 '62.

Transmissive and reflective power of a plane parallel layer under conditions of amplification and penetration of light. A. P. Limpantov. Opt. i spektr. 13 no. 5:744-749 N '62.

OPTICAL INSTRUMENTS

Inventions (1923-1962). Komitet po delam izobretenii i otkrytii. [Inventions, author pictures, photography, optics] Spisok izobretenii, klishe, foto, optika. Moskva, TSentr. biuro tekhn. informatsii, 1962. 145 p. (Spisok otechestvennykh izobretenii)

OPTICAL, GEOMETRICAL

Refraction and transmission of a plane parallel layer within the scope of nonlinear optics [with summary in English] V. P. Ivanov, B. M. Herkovskii, I. I. Kutnev. Izv. vys. ucheb. zav.; fizika no. 10:56-61 O '62.

OPPEL', LEON ABGAROVICH, 1893-1950

Academician of great Pavlov; from the materials on the biography of L. A. Oppel'. M. I. Rodovskii. Priroda 51 no. 12:74-76 D '62.

OPSIAN, KONSTANTIN

Lecturer. L. Strelina. Rab. inos. 30 no. 11:10-32 N '62.

ORE DEPOSITS

(see also subdivision under Altai Mountains; Anadolu, Balkan Peninsula, Banargochar District; Caucasus; Daghestan; Dzhezkazgan District; Dzhungarian Ala Tau; Georgia, Kalbanata Mountains; Kazakhstan, Kendyktas Ridge; Nakhichevan A.S.S.R.; Sayan Mountains, Transbaikalia; Ukraine; Ural Mountains, Uzbekistan; Zyryanovsk District)

Ore-bearing and ore-hosting textures of ores in the Gay deposit of the southern Urals. G. N. Pshenichnyi, T. N. Shatalina. Izv. vys. ucheb. zav.; geol. i razv. no. 6:74-83 N-D '62.

Correlation of pyrite, leucoxene, and barite types of mineralization. P. I. Ogorin. Zakonom. razm. polezn. iskop. 3:339-340 '62.

Hydrothermal ores. T. M. Voronich, G. P. Gorlkovoi. Geol. rud. mestorozh. no. 6:121-123 N-D '62.

Localization and paragenetic relations in ghost deposits of ferrous metals. V. M. Popov. Zakonom. razm. i fatsii iskop. 5:351-364 '62.

Hydrothermal genesis of greenschists. V. I. Smirnov. Zakonom. razm. polezn. iskop. 5:17-31 '62.

"Ore deposits; industrial types of metal ore deposits" by I. G. Magakian. Reviewed by V. N. Kotlin. Sov. geol. 5 no. 11:138-140 N '62.

Role of chlorides in the hydrothermal transportation of metals in the formation of ores. N. M. Ikonnikova. Geol. rud. mestorozh. no. 5:20-34 S-O '62.

Using the results of radiometric surveying for metallogenetic prediction. M. I. Tolstoi. Geol. zhur. 22 no. 3:61-75 '62.

Volcanic sedimentary formations of the Lower Proterozoic of the Ukraine and regularities in the distribution of minerals in them. G. V. Zhukov. Zakonom. razm. polezn. iskop. 5:116-130 '62.

Volfson, F. I., and I. I. Lukin. [What are ore deposits, where and how to search for them] Chto takoe rudnye mestorozhdeniia, gde i kak ikh iskat'. Izd. 3., perer. Moskva, Gosgeolitekhizdat, 1962. 77 p. (Bibliotechka lektsiia poleznykh iskopaemykh)

ORE DEPOSITS--CLASSIFICATION

Principles for classifying endogenetic ore deposits [with summary in English]. I. N. Shakhov. Geol. i geofiz. no. 10:111-131 '62.

ORE DRESSING

Classification of reagents in the presence of stabilizers. A. A. Baibakukov, V. A. Glembotskii, M. A. Sokolov. Vest. AN Kazakh. SSR 18 no. 11:47-54 N '62.

Investigating the magnetizing roasting of Kerch brown ore. Report no. 2. A. N. Pobivintsev, Iu. S. Ulafin, I. V. Vyshnevskii, zav., chem. met. 5 no. 11:23-29 '62.

Moscow. TSentral'nyi institut informatsii chernoi metallurgii. [Iron mining and ore dressing industry] Zheleznorudnaia promyshlennost', Moskva, Gosgeolitekhizdat, 1962. 439 p. (Tekhnicheskii progress v chernoi metallurgii SSSR)

ORE DRESSING--EQUIPMENT AND SUPPLIES

Hydrocyclone. I. M. Ivanov and L. I. Sverdel'. [Launder operation] Manshlisi pri obogashchenii poleznykh iskopaemykh. Moskva, Gosgeolitekhizdat, 1962. 36 p. (Bibliotechka peredovogo obogashcheniia)

OREL PROVINCE--AUTOMOBILE DRIVERS

The driver is sixteen years of age, a society with three thousand teenaged members. A. Rafov. Mekh. tekh. i avt. no. 11:20-21 N '62.

OREL PROVINCE--CORN (MAIZE)

Work methods of P. Sapunova's crew. B. Kuznetsov, N. Lysenko. Prof.-tekh. obr. 19 no. 8:14-17 Ag '62.

OREL PROVINCE. FORESTS AND FORESTRY--EQUIPMENT AND SUPPLIES

From practices in the mechanization of improvement cuttings. V. Galovin, I. Martinin. Les. khoz. 15 no. 10:67-68 O '62.

OREL PROVINCE--POLITICS AND GOVERNMENT

What is your position, Comrade Golubev? Sov. deputat. trud. no. 12:82-84 D '62.

ORENBURG PROVINCE--AGRICULTURAL CHEMISTRY

Field Conference on Chemicalization of Agriculture in the Orenburg Province. A. Kh. Batalin, G. M. Udovin. Zhur. VKHO 7 no. 6:687-688 '62.

ORENBURG PROVINCE--CUTWORMS--EXTERMINATION

From practices in controlling the cutworm Hadena basilinea. N. A. Tishin, V. G. Martyniuk, Zashch. rast. ot vred. i bol. 8 no. 8:6-7 Ag '61.

ORENBURG PROVINCE--GAS, NATURAL--GEOLOGY

Plan for regional prospecting for oil and gas in Orenburg Province. A. A. Vorob'ev and others. Geol. nefti i gaza 6 no. 12:37-41 D '62.

ORENBURG PROVINCE--PARASITES--WEEVILS

New species of nematodes from the pine shoot beetle Pissodes piniphilus. G. I. Lazarevskaia. Trudy Gel'm. lab. 13:144-152 '61.

ORENBURG PROVINCE--PETROLEUM GEOLOGY

Oil potential of the Kamennian stage in Orenburg Province. N. I. Sheshukov, V. I. Kaynov. Geol. nefti i gaza 6 no. 12:45-47 D '62.

Oil potential of the Lower Carboniferous of western Orenburg Province. T. G. Belokrylova, V. G. Luzhelnov, N. S. Mokhnev. Geol. nefti i gaza 6 no. 12:41-44 D '62.

Plan for regional prospecting for oil and gas in Orenburg Province. A. A. Vorob'ev and others. Geol. nefti i gaza 6 no. 12:37-41 D '62.

ORENBURG PROVINCE--SCHOOL SUPERINTENDENTS AND PRINCIPALS

Those school superintendents were elected by the teachers. I. Tkacheva, P. Tychinin. Sov. deputat. trud. no. 11:20-21 N '62.

ORES

Electron microscope studies of ores in polished metallographic sections. M. K. Satpaeva. Vest. AN Kazakh. SSR 18 no. 11:79-82 N '62.

ORES--SAMPLING AND ESTIMATION see subdivision under Mugodzhar Mountains

ORGANIC CHEMISTRY see Chemistry, Organic

ORGANIC MATTER

Sedimenta of the Domanik-type formation in the northeastern part of the Siberian Platform. L. M. Natapov. Sov. geol. 5 no. 11:110-112 N '62.

ORGANOMETALLIC COMPOUNDS

Complex-forming capacity of mercapto compounds. Part 1: Comparative evaluation of the strength of complex compounds of dithiols with mercury, lead, cadmium, and zinc cations. E. V. Vasil'eva, T. K. Nedopekin, V. E. Petrun'kin. Ukr. khim. zhur. 28 no. 7:773-776 '62.

Extraction of citrate and tartrate complexes of metals in the presence of dithioamylamine. I. V. Platnitskii, R. S. Kharchenko. Ukr. khim. zhur. no. 9:1115 '62.

Use of organomagnesium compounds in the synthesis of organic derivatives of the elements of groups II-V in an ether-free medium. I. I. Zakharkin, O. Iu. Okhlobystin, B. N. Strunin. Dok. AN SSSR, Otd. khim. nauk no. 11:909-2908 N '62.

ORIENTAL ART see Art, Oriental

ORIENTAL CHRONOLOGY see Chronology, Oriental

ORIENTAL SORE see Delhi boil

ORIENTATION

Activation of the electroretinogram in the rabbit and its relation to the orienting reflex [with summary in English]. I. N. Sokolov. Zhur. vys. nerv. deiat. 12 no. 1:115-154 Ja-F '62.

Terrain orientation. V. Sorokin. Voen. znan. 38 no. 12:26-27 D '62.

ORNITHOSIS

Be careful! N. Korostelev. Ulia tekh. 7 no. 11:42-13 N '63.

OROCHES see subdivision under Khingan Mountains

ORSHA--COMMUNIST PARTY OF THE SOVIET UNION--PARTY WORK

Abakumchyk, I. V. [New methods of party work] Novae u partyinai talsotne. Minsk, Dzharzh. vyd-va BSSR, 1962. 44 p. (Z vopytu partyinai raboty)

ORSHA--RAILROADS--STATIONS

The disciplen of Znaliunov. N. Baravaia. Belarus' 10 no. 11:22 N '63.

ORTHODOX EASTERN CHURCH
(see also subdivision under Turiysk District)

Champions of religious morals. V. Sabrel. Voiov. ateist 3 no. 12:12-13 D '62.

How and why Russia was converted to Christianity. V. Sabrel. Voiov. ateist no. 7:37-40 Jl '62.

Smirnov, P. S. [History of the Orthodox Church] Istoriia khristianskoi pravoslavnoi tserkvi. Izd. 23. Pereperatal i dopolnil Illustratsiiami Arkhimandrit Pantelelimon. [n. p.] Izd. Sviato-Troitskogo monastyria, 1957. 270 p.
(ICU)

ORTHODOX EASTERN CHURCH--CLERGY

Decisions of the Holy Synod. Zhur. Monk. Patr. no. 10:10-11 O '62.

It happened this way. S. Runko. Voiov. ateist no. 8:16-17 Ag '62.

Orthodox Church view on the sacramental meaning of the priesthood (conclusion). L. Voronov. Zhur. Monk. Patr. no. 10:64-72 O '62.

ORTHODOX EASTERN CHURCH--LITURGY AND RITUAL

A special Orthodox service. A. Shamaro. Nauka i rel. 4 no. 12:21-24 D '62.

ORTHODOX EASTERN CHURCH--RELATIONS--CATHOLIC CHURCH

Sojourn in Moscow of Monseigneur J. Villebrands. Zhur. Monk. Patr. no. 10:43-44 O '62.

ORTHODOX EASTERN CHURCH--RELATIONS--CHURCH OF ENGLAND

A historical visit (Doctor Michael Ramsay, Archbishop of Canterbury, visits the Russian Orthodox Church). Zhur. Monk. Patr. no. 10:15-30 O '62.

ORTHODOX EASTERN CHURCH--RELATIONS--NATIONAL COUNCIL OF THE CHURCHES OF CHRIST IN THE U.S.A.

Communiqué of the visit of a delegation of the National Council of the Churches of Christ in the U.S.A. to the Russian Orthodox Church. Zhur. Monk. Patr. no. 10:40-42 O '62.

Sojourn in the Soviet Union of a delegation of the National Council of the Churches of Christ in the U.S.A. G. Troitskii. Zhur. Monk. Patr. no. 10:31-40 O '62.

ORTHODOX EASTERN CHURCH--RELATIONS--WORLD COUNCIL OF CHURCHES

Letter from the delegation of workers of the World Council of Churches to Nikodim, Archbishop of Yaroslavl and Rostov. Lucas Fisher. Zhur. Monk. Patr. no. 10:42-43 O '62.

ORTHODOX EASTERN CHURCH, CZECHOSLOVAK--YEARBOOKS

Orthodox Eastern Church, Czechoslovak. [Yearbook of the Orthodox Eastern Church in Czechoslovakia for 1962] Ezhegodnik. Ročenka. 1962. Prague, 1962. 120 p. [With summaries in English and German]

ORTHODOX EASTERN CHURCH, UKRAINIAN

Nahayewsky, Isidore. [Church unity and the idea of the Kievan patriarchate] Obiednannia TSerkvy i ideia Patriiarkhatu v Kyievi; istorychno-bohoslovs'ka studiia. Toronto, Ukr. vyd-vo "Dobra knyzhka," 1961. 93 p. (no. 171)

OSCILLATIONS

Analysis of nonlinear oscillatory systems with many degrees of freedom in the presence of random perturbations. V. G. Kolomiets. Ukr. mat. zhur. 14 no. 4:407-411 '62.

Blurring of frequency-sensitive characteristics of the damping of elementary excitations in crystals. M. A. Krivoglaz. Sbor. nauch. rab. Inst. metallofiz. AN URSR no. 15:100-116 '62.

OSCILLATIONS—STUDY AND TEACHING

Study of natural oscillations in the physics course. L. IA. Zorina. Fiz. v shkole 22 no. 5:99-101 S-O '62.

OSCILLATORS, ELECTRIC

Modernized oscillator with regulated power output. I. A. Vaks, L. M. Berson, A. I. Kontsov. Svar. proizv. no. 11:38-39 N '62.

Noise generator. L. Shubin. Radio no. 11:49 N '62.

Parametric generator with two steady frequency states. V. I. Samoilenko, B. S. Finogenov. Trudy MAI no. 149:66-73 '62.

Study of the dynamic processes of a subharmonic generator using the capacitance of a p-n junction. V. I. Samoilenko, E. M. Zlochevskii. Trudy MAI no. 119:134-147 '62.

OSCILLATORS, TRANSISTOR

Low-frequency square wave generators. A. A. Burnashev, I. N. Lesina. Elektrichestvo no. 12:74-76 D '62.

OSCILLOGRAPH

Four-channel transistor switch for simultaneous observation of several processes on the screen of a single-beam oscilloscope. IU. I. Vidmanov, V. N. Mikhel'kevich. Priborostroenie no. 11:28-29 N '62.

OSCILLOGRAPHY

Dependence of the components of secondary ion emission on the energy, kind of ions, and material of the target. U. A. Arifov, Kh. Kh. Khadzhimukhamedov. Izv. AN SSSR, Ser. fiz. 26 no. 11:1422-1425 N '62.

Use of pneumoelectro-oscillography in the diagnosis of the stages of hypertension. O. IA. Grinshpun, F. M. Kucherenko. Vrach. delo no. 12:119-120 D '62.

OSCILLOMETER

Oscillometric indices in healthy children and their change under the influence of moderate physical stress. A. A. Vysotskaia. Pediatriia no. 7:20-25 '62.

OSTMAK, VASILII ALEKSANDROVICH, 1870-1942

Professor V. A. Os'mak. V. IAstevich. Stroi. i arkhit. 10 no. 11:38 N '62.

OSMIUM—ANALYSIS

Use of diantipyrylpropylmethane for the photometric determination of osmium in the presence of ruthenium [with summary in English]. A. I. Busev, V. K. Akimov. Zhur. anal. khim. 17 no. 9:978-984 N '62.

OSMIUM COMPOUNDS

Crystalline structure of potassium tetrahydroxydioxyosmate. L. O. Atovmian, V. G. Andrianov, M. A. Porai-Koshits. Zhur. strukt. khim. 3 no. 6:685-690 '62.

OSSETIA, NORTH—AGRICULTURE

Notes on the agriculture of North Ossetia in the second half of the 19th and the beginning of the 20th centuries. D. A. Dzagurov. Izv. Sev.-Oset. nauch.-issl. inst. 22 no. 3:344-367 '60.

Some problems of economic zoning and agricultural specialization in the North Ossetian A. S. S. R. A. S. Kalitsov. Izv. Sev.-Oset. nauch.-issl. inst. 22 no. 3:27-55 '60.

OSSETIA, NORTH—AGRICULTURE—BIBLIOGRAPHY

Bibliography on problems in the agriculture of North Ossetia. G. B. Bugdanov. Izv. Sev.-Oset. nauch.-issl. inst. 22 no. 3:389-402 '60.

OSSETIA, NORTH—CITIES AND TOWNS—CIVIC IMPROVEMENT

A republic discusses the report of its minister. A. Bezuglov, L. Stepanov. Sov. deput. trud. no. 12:30-34 D '62.

OSSETIA, NORTH—CORN (MAIZE)—VARIETIES

Change of corn varieties in North Ossetia in the postrevolutionary period. I. F. Dorovskaia, F. IA. Konovalov. Izv. Sev.-Oset. nauch.-issl. inst. 22 no. 3:125-178 '60.

OSSETIA, NORTH—ELECTRICITY IN AGRICULTURE

Electrification of agriculture in the North Ossetian A. S. S. R. V. S. Novikov. Izv. Sev.-Oset. nauch.-issl. inst. 22 no. 3:283-320 '60.

OSSETIA, NORTH—FIELD CROPS

Crop cultivation. A. B. Salsmov. Izv. Sev.-Oset. nauch.-issl. inst. 22 no. 3:56-94 '60.

OSSETIA, NORTH—INSECTS, INJURIOUS AND BENEFICIAL

Survey of agricultural and forest pests occurring in North Ossetia, 1913-1958. G. B. Bugdanov. Izv. Sev.-Oset. nauch.-issl. inst. 22 no. 3:214-255 '60.

OSSETIA, NORTH—PASTURES AND MEADOWS

Results of evaluating the acreage of natural forage lands in the mountainous part of the North Ossetian A. S. S. R. V. M. Bogdanov. Izv. Sev.-Oset. nauch.-issl. inst. 22 no. 3:255-265 '60.

OSSETIA, NORTH—ROTATION OF CROPS

Introducing proper crop rotations on the collective farms of North Ossetia. I. N. Raik. Izv. Sev.-Oset. nauch.-issl. inst. 22 no. 3:95-121 '60.

OSSETIA, NORTH—SOILS

Natural zones of the North Ossetian A. S. S. R. and the description of the most important soil types by zones. E. V. Rubilin. Izv. Sev.-Oset. nauch.-issl. inst. 22 no. 3:5-26 '60.

OSSETIA, NORTH—STOCK AND STOCKBREEDING

Ways for increasing meat production on the collective and state farms of the North Ossetian A. S. S. R. G. F. Mukhin. Izv. Sev.-Oset. nauch.-issl. inst. 22 no. 3:266-282 '60.

OSSETIA, NORTH—WATER SUPPLY

Watering and water supply in North Ossetia. V. I. Dontsov. Izv. Sev.-Oset. nauch.-issl. inst. 22 no. 3:321-343 '60.

OSSETIA, NORTH—WHEAT—VARIETIES

Change of winter wheat varieties in the North Ossetian A. S. S. R. in the postrevolutionary period. I. F. Dorovskaia, F. IA. Konovalov. Izv. Sev.-Oset. nauch.-issl. inst. 22 no. 3:179-213 '60.

OSSETIA, SOUTH—BIBLIOGRAPHY

Kanbelashvili, L. A. [South Ossetia; survey of its economic geography and a bibliography] IUgo-Osetiia, ekonomiko-geograficheskii obzor i bibliografiia. Tbilisi, Izd-vo Akad. nauk Gruzinskoi SSR, 1962. 421 p. [In Georgian and Russian]

OSSETIC LANGUAGE

Miller, V. F. [Ossetic language. Translated from the German] IAzyk osetin. [Red., predisl. i primechaniia V. I. Abaeva] Leningrad, Izd-vo Akad. nauk SSSR, 1962. 189 p.
(CU)

OSTERTAGIA

Species independence of Trichostrongylus skrjabini Kalantarjan, 1928, and Ostertagia davtiani Grigorian, 1951. A. Kh. Altnev. Trudy Gel'm. lab. 11:3-9 '61.

OSTRACODA see subdivision under Pacific Ocean

OSTRACODA, FOSSIL

(see also subdivision under Konakhkend region)

Middle Devonian Leperditiidae of Central Asia, the Urals, and Novaya Zemlya. A. F. Abushik. Mat. VSEGEI no. 67:133-152 '61.

OSTROGOZHSK DISTRICT—SOVIETS

How a "progressive soviet" won this title. Sov. deput. trud. no. 12:85-86 D '62.

OSTROVSKII, NIKOLAI ALEKSEEVICH, 1904-1936

An ardent fighter against darkness; anti-religious motifs in N. A. Ostrovskii's work. Sh. Viadro. Voiov. ateist no. 9:52-57 S '62.

OTRADNOYE, LAKE—BACTERIA

Quantity of bacterial plankton in the "fertilized" bay of a lake. A. G. Rodina. Trudy Gidrobiol. ob-va 12:191-199 '62.

OUTER SPACE—EXPLORATION

Investigation of the upper layers of the atmosphere; an international symposium on outer space. K. IA. Kondrat'ev. Priroda 51 no. 12:56-58 D '62.

OVERTIME

Our consultations. Sov. profsoiuzy 18 no. 23:42-43 D '62.

OVERVOLTAGE

Action of some impurities and addition agents of overvoltage for hydrogen liberation on manganese. I. V. Gamali, V. V. Stender. Zhur. prikl. khim. 35 no. 11:2436-2439 N '62.

OWLET MOTHS see subdivision under Altai Territory

OXAMIDE

Liquid-gas interfacial polycondensation. Part 2. Laws governing the gas phase synthesis of aromatic polyoxamides [with summary in English]. L. B. Sokolov, L. V. Turetskii, L. I. Tugova. Vysokom. soed. 4 no. 12:1817-1821 D '62.

OXAZINE

Trioxazine therapy in the clinic for neuroses [with summary in French]. E. K. IAkovleva and others. Zhur. nevr. i psikh. 62 no. 8:1225-1227 Ag '62.

OXAZOLIDINONE

Latvijas Padomju Socialistikas Republikas Zinatnu Akademija. Organiskas sintezes instituts. [Furazolidone] Furazolidon. Riga, Izd-vo Akad. nauk Latviiskoi SSR, 1962. 145 p.
(DNLM)

OXIDATION

Changes of some characteristics of cellulose during oxidation. F. P. Komarov, Z. D. Kuz'minova, K. P. Izumenkova. Trudy LTA no. 31:89-94 '62.

Kinetics of oxidation of hydrazine by nitric acid in an aqueous solution. V. S. Koltunov, V. A. Nikol'skii, P. P. Agureev. Kin. i kat. 3 no. 6:877-881 N-D '62.

Kinetics of oxidation of the alloy of iron with 0.7% tungsten at 740-960°C. M. A. IAtsuk, V. IA. Sedel'nikov. Zhur. prikl. khim. 35 no. 10:2336-2338 O '62.

Mechanism of titanium oxidation. D. I. Lainer, A. P. Fiz. met. i metalloved. 14 no. 2:281-286 Ag '62.

Oxidation kinetics of iron (II) salts in aqueous solutions by oxygen under dynamic conditions. Report No. 6. Order of oxidation reactions of iron (II) sulfate and chloride in relation to oxygen [with summary in English]. B. Matseevskii, A. Vinogova, L. Fridlander. Izv. AN Latv. SSR no. 2:123-126 '61.

Oxidation of iron in melts containing lithium, sodium and potassium carbonates. V. P. Kudrevatykh, F. G. Kokourova. Zhur. neorg. khim. 7 no. 11:2501-2507 N '62.

Oxidation of methyl ethyl ketone in the liquid and gas phases. G. D. Zalkov, P. K. Maizus. Kin. i kat. 3 no. 6:846-854 N-D '62.

Oxidation of nitric oxide in the course of nitric acid production. M. F. Pozin and others. Zhur. prikl. khim. no. 11:2554-2559 N '62.

Oxidation of organic compounds. Report No. 14: Comparative ammonolysis of a mixture of paraffin hydrocarbons. B. V. Suvorov and others. Trudy Inst. khim. nauk AN Kazakh. SSR 8:100-114 '62.

Oxidation of organic compounds. Report No. 15: Comparative vapor phase oxidation of n-propylbenzene, n-butylbenzene, and some of their derivatives. B. V. Suvorov, R. U. Umarova. Trudy Inst. khim. nauk AN Kazakh SSR 8:154-162 '62.

Oxidation of sulfites by air in diluted acidified solutions. S. A. Sapozhnikii, N. V. Glushchenko. Zhur. prikl. khim. 35 no. 10:2191-2195 O '62.

Oxidation of unsaturated hydrocarbons on a copper catalyst. L. P. Shopovalov, IA. B. Gorokhovatskii, M. I. Rubanik. Ukr. khim. zhur. 28 no. 9:1031-1036 '62.

Oxidizability of thickened oils and the effect of inhibitor derivatives of morpholine. S. Z. Kaplan, A. P. Gorshina. Zhur. prikl. khim. 35 no. 11:2526-2532 N '62.

Rate constants for elementary reactions in the process of oxidation of ethylbenzene by molecular oxygen. S. S. Tsepalov, V. IA. Shlianitskii. Kin. i kat. 3 no. 6:876 N-D '62.

Role of water vapors in the reactions of the vapor-phase catalytic oxidation of aromatic compounds. V. N. Kudinova and others. Zhur. prikl. khim. 35 no. 10:2313-2318 O '62.

OXIDATION, ELECTROLYTIC

Hydrogen overvoltage in presence of oxidizers. S. M. Novakovskii, V. M. Gabov. [Trudy] UNIKHIM no. 9:52-58 '61.

Interaction between metals and oxidizers in electrolytes. V. M. Novakovskii, L. A. Poluboiarinova. [Trudy] UNIKHIM no. 9:47-51 '61.

OXIDATION, PHYSIOLOGICAL

Electron carriers in the respiratory chain and their connection with the structures of the bacterial cell. N. S. Gel'man, M. A. Lukoianova. Mikrobiologiia 31 no. 3:556-560 My-Je '62.

OXIDATION-REDUCTION REACTION

Mechanism of the low-temperature reduction of iron oxide. L. N. Rudenko, S. T. Rostovtsev. Izv. vys. ucheb. zav., chern. met. 5 no. 11:5-11 '62.

OXIDES

Chemistry of organic oxides. Part 22: Addition of hydroxylamine to α-oxides. G. A. Balaev, A. A. Petrov. Izv. vys. uch. zav.: khim. i khim. tekh. 5 no. 4:7-13 '62.

Ionic and covalent cationic radii in oxides. L. V. Perfil'eva, I. V. Skorobogatova. Sbor. nauch. trud. UNIKHIM no. 5:303-314 '61.

OXIMES

Product of the electrolytic reduction of 2-nitroanthraquinone, 1,3 and 2-oximinoindandione-1,3 [with summary in English]. J. Strazdins, G. Vanags, M. Tilitis. Izv. AN Latv. SSR no. 2:115-123 '61.

OXONIUM COMPOUNDS

Oxonium ion in vermiculite. G. B. Bokii, D. K. Ashpenko. Zhur. strukt. khim. 3 no. 6:697-702 '62.

OXYGEN

The affinity of niobium for oxygen. G. IA. Meerson, T. Segorceanu. Atom. energ. 13 no. 6:597-599 D '62.

Effect of oxygen on the electric properties of niobium. V. N. Mordkovich. Fiz. tver. tela 4 no. 12:3643-3643 D '62.

Emission of fast deuterons in the photodisintegration of O^{16} [with summary in English]. A. P. Komar and others. Zhur. eksp. i teor. fiz. 43 no. 6:1963-1969 N '62.

Empirical relationships between force constants, bond lengths and frequencies of nitrogen-oxygen bond stretching vibrations. IU. IA. Kharitonov. Izv. AN SSSR. Otd. khim. nauk no. 11:1953-1959 N '62.

OXYGEN—ANALYSIS

Micromethod for the photometric determination of oxygen in waters rich in organic substances [with summary in English] L. T. Rozaeva. Zhur. anal. khim. 17 no. 7:871-877 O '62.

OXYGEN—INDUSTRIAL APPLICATIONS

Blowing oxygen deep into a blast furnace hearth. V. I. Loginov, A. N. Cheeburo, V. M. Dolgov. Metallurg 7 no. 12:1-8 D '62.

Investigating processes of simultaneous oxidation of silicon, manganese, and chromium in native alloy cast iron. V. Mikhalych, M. Gaici, D. I. Ryzhonkov, Izv. vys. ucheb. zav., chern. met. 5 no. 11:20-22 '62.

OXYGEN—ISOTOPES

Isotopic analysis of oxygen in water by the persulfate method [with summary in English]. A. I. Brodskii, I. V. Gol'denfeld, I. P. Grageров. Zhur. anal. khim. 17 no. 7:893-895 O '62.

Kinetics of isotopic exchange between gaseous oxygen and oxygen absorbed by the complex organic compounds of cobalt. G. M. Panchenkov, A. M. Tolmachev. Kin. i kat. 3 no. 6:861-864 N-D '62.

OXYGEN IN THE BODY

Dynamics of myocardial oxygen tension in artificial circulation [with summary in English]. G. M. Solov'ev, G. IA. Khodas. Kardiologiia 2 no. 5:33-37 S-O '62.

OXYGEN THERAPY

Some data on the use of oxyhemometry for the comparative evaluation of the effectiveness of oxygen and aerotherapy in the children's clinic [with summary in English]. L. S. Primakov. Pediatriia 41 no. 9:50-54 S '62.

PACIFIC OCEAN—ATMOSPHERIC TEMPERATURE

Minimum atmospheric temperature in the Upper Troposphere above the Pacific Ocean. V. T. Proshlm. Meteor. i gidrol. no. 12:25-26 D '62.

PACIFIC OCEAN—CALANOIDA

Fauna and distribution of Calanoida in the surface waters of the northwestern part of the Pacific Ocean. K. A. Brodskii. Issl. dal'nevost. mor., SSSR no. 8:91-166 '62.

PACIFIC OCEAN—CODFISH

Problems of the relationship between the composition of food of the Alaska pollack (Theragra chalcogramma) fry and the distribution of plankton [with summary in English]. E. A. Lubny-Gertsyk. Trudy Inst. okean. 58:157-182 '62.

PACIFIC OCEAN—DIATOMS

Diatoms on the skin of whales in the Far Eastern seas (with summary in English). L. B. Khlebtorin. Trudy Inst. okean. 58:314-321 '62.

PACIFIC OCEAN—EUPHAUSIACEA

Study on euphausiids in the northern part of the Pacific Ocean [with summary in English]. L. A. Ponomareva. Trudy Inst. okean. 58:135-156 '62.

PACIFIC OCEAN—GRAVIMETRY

Gravimetric studies on the Vitiaz' expedition ship in the Pacific Ocean, 1957-1958. A. G. Gainanov, L. P. Smirnov. Mor. grav. issl. no. 1:77-100 '61.

PACIFIC OCEAN—OCEAN BOTTOM

Bottom structure of the central part of the Pacific Ocean. G. B. Udintsev. Biul. MOIP. Otd. geol. 37 no. 5:168 S-O '62.

PACIFIC OCEAN—OCEAN CURRENTS

Pacific Ocean currents in the equatorial zone. IU. V. Istoshin, G. N. Kuklin. Meteor. i gidrol. no. 11:28-32 N '62.

PACIFIC OCEAN—OSTRACODA

Ostracoda Myodocopa of the family Halocyprldae from the northwestern part of the Pacific Ocean. Report No. 1. IU. A. Rudinkov. Trudy Inst. okean. 58:172-201 '62.

Some characteristics of the growth of pelagic ostracods of the family Halocypridae [with summary in English]. IU. A. Rudinkov. Trudy Inst. okean. 58:167-171 '62.

PACIFIC OCEAN—PHORONIS

Phoronidea of the Far Eastern seas. IU. V. Mamkaev. Issl. dal'nevost. mor., SSSR no. 8:210-237 '62.

PACIFIC OCEAN—PHYTOPLANKTON

Phytoplankton in the central part of the Pacific Ocean along the meridian 174° W. Part 1. Methods of collection and processing [with summary in English]. G. I. Semina. Trudy Inst. okean. 58:3-26 '62.

PACIFIC OCEAN—PLANKTON

Characteristics of main pelagic communities in the Pacific Ocean [with summary in English]. A. K. Geinrikh. Trudy Inst. okean. 58:114-134 '62.

Frontal zones and biogeographic division of the surface waters (0-600 m) of the southern part of the Pacific Ocean based on plankton [with summary in English]. A. G. Naumov and others. Trudy Inst. okean. 58:54-68 '62.

PACIFIC OCEAN—SOUTHERN RIGHT WHALE

Right whales of the Pacific Ocean [with summary in English]. S. K. Klumov. Trudy Inst. okean. 58:202-297 '62.

PACIFIC OCEAN—SPHAEROMIDAE

A new species of littoral crustaceans (Isopoda, Sphaeromidae) from the Soviet Far Eastern seas. O. G. Kusakin. Issl. dal'nevost. mor. SSSR no. 8:238-242 '62.

PACIFIC OCEAN—WHALES

Diatoms on the skin of whales in the Far Eastern seas [with summary in English]. L. B. Khlebtorin. Trudy Inst. okean. 58:311-321 '62.

PACKED TOWERS

Flow of a solid granular material in an ascending stream of gas in packed columns. G. D. Kavetskii, A. N. Planovskii. Khim. i tekh. topl. i masel 7 no. 11:8-12 N '62.

Hydraulic resistance of packed apparatus during the descending concurrent movement of phases. L. IA. Zhivaikin, S. K. Solomein. Zhur. VKHO 7 no. 6:701-702 '62.

PACKING INDUSTRY see Meat industry

PAIN

Diagnostic significance of Zakharin-Head and Viliamovskii zones and of viscero cutaneous-vasomotor reflexes in acute appendicitis [with summary in English]. Z. Z. Alimov. Klin. med. no. 9:115-121 '62.

Electrophysiological characteristics of cerebral cortex function in a pain reaction. Report No. 1. L. A. Idrisova. Zdrav. Kazakh. 22 no. 3:51-54 '62.

PAINT

Alkyl-styrene paints. K. Karasev, G. Lopatin. Sel'. stroi. no. 11:13 N '62.

PAINT INDUSTRY see subdivision under Tashkent

PAINTERS, UKRAINIAN

A painter who is faithful to his favored theme. Dmytro Mustienko. Ukraina no. 20:12-13 O '62.

PAINTERS, WHITE RUSSIAN

Our noble-minded artist, D. Maslau. Belarus' 10 no. 12, 27 D '62.

PAINTING

For an ideological and artistic clarity of paintings' A. Nikich. Iskusstvo 25 no. 10:4-5 '62.

PAINTING, INDUSTRIAL

Finishing surfaces with paint. Stroitel' 8 no. 9:30 S '62.

Garaev, Mukhamed. [A storehouse of potentials] Kladovaia rezervov. [Moskva] Mosk. rabochii, 1962. 31 p. (Novatory semiletki)

PAINTINGS see subdivision under Lvov

PALEOBOTANY see subdivision under Ukraine

PALEOBOTANY, STRATIGRAPHIC see subdivision under Dzhezkazgan District

PALEOCLIMATOLOGY see subdivision under Siberia, Western

PALEOGEOGRAPHY see subdivision under Kazakhstan

PALEONTOLOGY—PALEOZOIC see subdivision under Timan Ridge, Ural Mountain region

PALEONTOLOGY, STRATIGRAPHIC

(see also subdivision under Karkaralinsk District, Kopet-Dag, Pechora Valley, Siberia; Turgay Gates, Ural Mountains)

Nature of the last geologic age. K. K. Markov. Priroda 51 no. 12:26-33 D '62.

PALESKI, VIACHASLAU, 1912-

A skillful playwright. B. Stral'tsou. Belarus' 19 no. 11:21 N '62.

PALLADIUM—ANALYSIS

Titrimetric determination of palladium with a bivalent vanadium salt solution [with summary in English]. S. I. Gusev, L. A. Ketova. Zhur. anal. khim. 17 no. 9:1018-1019 N '62.

PALLADIUM COMPOUNDS

Some properties of platinum and palladium phthalocyanines. B. D. Berezin. Zhur. neorg. khim. 7 no. 11:2500-2506 N '62.

PALSY, SHAKING see Paralysis agitans

PALYNOLOGY see subdivision under Fergana

PAMIRS—GEOLOGY, STRUCTURAL

Post-Permian magmatic activity and metallogenic processes in the Pamirs and southern Tien Shan. M. Kh. Khamidov. Trudy Inst. geol. AN Tadzh. SSR 4:127-139 '61.

Tectonic pattern of the Pamirs and Tien Shan and its relation to the surface relief of Moho-rovicic. V. N. Krestnikov, L. L. Nersesov. Sov. geol. 5 no. 11:36-39 N '62.

PANCREAS

Effector role of pancreas in interoceptive metabolic reflexes. B. G. Kuznetsov. Izv. AN Azerb. SSR Ser. biol. i med. nauk no. 6:97-100 '62.

Regenerative hypertrophy of the pancreas in guinea pigs [with summary in English]. G. V. Segida. Biul. eksp. biol. i med. 54 no. 11:88-91 N '62.

PANCREAS—DISEASES

Acute pancreatitis of rare etiology. A. E. Kuchirenko. Vest. khir. 89 no. 9:119-121 S '62.

Acute phases of pancreatitis [with summary in English]. A. A. Troitskii. Khirurgiia 38 no. 10:128-133 O '62.

Morphological and histochemical changes in the connective tissue of the skin of newborn white rats in dysfunction of the mother's pancreas [with summary in English]. V. P. Zhuk. Biul. eksp. biol. i med. 54 no. 11:92-95 N '62.

Postoperative pancreatitis [with summary in English]. I. N. Shcherbakova. Vest. khir. 89 no. 9:45-50 S '62.

Use of cortisone in the treatment of acute pancreatitis. B. M. Gershman. Khirurgiia 38 no. 10:71-74 O '62.

PANCREAS—SECRETIONS

Amount of enterokinase and pancreatic enzymes in the duodenal juice of patients with chronic colitis and enterocolitis. V. I. Alieva, S. IA. Mikhlin. Med. zhur. Uzb. no. 3:38-40 Mr '62.

Changes with age in the external secretion of the pancreas in calves as related to the live weight and chemical composition of food rations [with summary in English]. P. L. Zherebtsov, M. M. Serykh. Izv. TSKhIA no. 4:214-217 '62.

Functional state of the pancreas in disorders of the secretory activity of the stomach [with summary in English and German]. G. Eidemanis. Izv. AN Latv. SSR no. 2:153-160 '61.

Method of studying the pancreatic secretion. IU. A. Shcherbakov. Med. zhur. Uzb. no. 3:40-42 Mr '62.

PANCREAS—SURGERY

Effect of partial surgical exclusion of the pancreas on some electrocardiographic indices in dogs [with summary in English]. L. N. Zefirov. Biul. eksp. biol. i med. 54 no. 11:46-50 N '62.

PANCREATIC CYSTS

Surgical treatment of pancreatic cysts. M. I. Kolomiichenko, V. K. Baev. Khirurgiia 38 no. 10:81-89 O '62.

PANORAMAS see subdivision under Moscow

PANTICAPAEUM—ANTIQUITIES

New data on Panticapaeum before the Greeks. I. D. Marchenko. Mat. i issl. po arkheol. SSSR no. 103:86-93 '62.

PANTICAPAEUM—CLASSICAL ANTIQUITILS

Report on the archaeological excavations of Panticapaeum in 1945-1949 and 1952-1953. V. D. Blavatskii. Mat. i issl. po arkheol. SSSR no. 103:6-85 '62.

PANTICAPAEUM—GEMS

Ancient gems and their imprints on the fragments of clay vessels. M. I. Maksimova. Mat. i issl. po arkheol. SSSR no. 103:190-194 '62.

PANTICAPAEUM—GLASS—SPECTRA

Results of the spectrum analysis of glass articles from Panticapaeum. IU. L. Shchapova. Mat. i issl. po arkheol. SSSR no. 103:237-240 '62.

PANTICAPAEUM—GLASSWARE, ANCIENT

Glass from the archaeological excavations of Panticapaeum in 1945-1958. N. P. Sorokina. Mat. i issl. po arkheol. SSSR no. 103:210-236 '62.

PANTICAPAEUM—INSCRIPTIONS, GREEK

Fragment of a marble dish with an inscription. T. B. Blavatskaia. Mat. i issl. po arkheol. SSSR no. 103:250-253 '62.

PANTICAPAEUM—IRON INDUSTRY

Iron metallurgy in Panticapaeum. O. IU. Krug, N. V. Ryndina. Mat. i issl. po arkheol. SSSR no. 103:254-258 '62.

PANTICAPAEUM—POTTERY, GREEK

Archaic pottery from Panticapaeum. N. A. Sidorova. Mat. i issl. po arkheol. SSSR no. 103:94-148 '62.

Attic red-figured pottery from the archaeological excavations of Panticapaeum in 1945-1958. N. M. Loseva. Mat. i issl. po arkheol. SSSR no. 103:166-179 '62.

Several types of thick pottery from Panticapaeum. I. B. Zeest, I. D. Marchenko. Mat. i issl. po arkheol. SSSR no. 103:140-165 '62.

PANTICAPAEUM—POTTERY, GREEK—MARKS

Ancient gems and their imprints on the fragments of clay vessels. M. I. Maksimova. Mat. i issl. po arkheol. SSSR no. 103:190-194 '62.

PANTICAPAEUM—SCULPTURE, GREEK

New finds of sculpture in Panticapaeum. M. M. Kobylina. Mat. i issl. po arkheol. SSSR no. 103:180-189 '62.

PANTICAPAEUM—SLINGSTONES

Stone projectiles from Panticapaeum. N. I. Sokol'skii. Mat. i issl. po arkheol. SSSR no. 103:241-249 '62.

PANTOTHENIC ACID

Acetylation processes during the treatment of tuberculosis with antibacterial preparations and calcium pantothenate. L. B. Shefer. Zdrav. Kazakh. 22 no. 3 25-30 '62.

PAPER

Decorative facing materials with a reinforced paper base. F. B. Klupt, G. P. Grigor'ev, R. IU. Dobrobornskaia. Bum. prom. 37 no. 11:16-18 N '62.

Reduce the loss of paper. P. I. Liutov, A. M. Franchuk. Poligr. proizv. no. 12:6-7 D '62.

Use of reed pulp for the manufacture of fine paper varieties. M. M. Grinberg, N. F. Burtnala. Bum. prom. 37 no. 11 5-6 N '62.

PAPER—DISINFECTION

Effect of the electromagnetic field of high-frequency currents on paper. T. A. Pravilova, N. IA. Solechnik, G. N. Khodarinova. Trudy LTA no. 91 145-153 '60.

PAPER—DRYING

Kinetics of paper heating in case of drying. V. V. Krasnikov, V. A. Danilov. Bum. prom. 37 no. 11:18-20 N '62.

PAPER CHROMATOGRAPHY

Determining the amino acid composition and N-terminal groups by the method of protein dinitrophenylation [with summary in English]. N. I. Mel'teva. Trudy VNIIZ no. 38 219-226 '60.

Effect of solvent mixture composition on the separation of some rare earths by paper chromatography [with summary in English]. A. K. Babko, M. E. Vdovenko. Zhur. anal. khim. 17 no. 7 820-824 O '62.

Separation of ω-chlorocarboxylic acids by paper chromatography and their quantitative analysis [with summary in English]. A. A. Zeltnitskaia, N. N. Nikitina. Zhur. anal. khim. 17 no. 8:1009-1014 N '62.

Studying the conditions for partitioning the antibiotics of the mycetin-violarine group by paper chromatography [with summary in English]. G. Z. IAkubov, IU. M. Khokhleva, N. O. Blinov. Mikrobiologiia 31 no. 3 526-533 My-Je '62.

PAPER ELECTROPHORESES

Comparative characteristics of prolamins of various crops using the electrophoretic method [with summary in English]. E. I. Medvedeva. Trudy VNIIZ no. 38 175-181 '60.

Method for protein fraction electrophoresis in the blood serum. P. P. Bulgakov, B. S. Dobriakov. Lab. delo 8 no. 5:34-35 My '62.

Modified method for staining electrophoregrams with bromophenol blue. V. B. Broide. Lab. delo 8 no. 5: 36-37 My '62.

PAPER ELECTROPHORESIS—EQUIPMENT AND SUPPLIES

Simple densitometer for paper electrophoresis [with summary in English]. A. A. Strekalov. Biul. eksp. biol. i med. 54 no. 11:118-121 N '62.

PAPER INDUSTRY

(see also subdivision under Finland)

Alkali soluble carboxymethyl cellulose and possibilities of its use in the paper and textile industries. G. A. Petropavlovskii, G. G. Vasil'eva. Trudy LTA no. 91 115-121 '60.

Change of the structure of the sulfate cellulose fiber in the process of preparing pulp for the production of thin condenser paper. L. E. Akim, L. IA. Zbrozhek. Trudy LTA no. 91 39-47 '60.

Determining the amount of labor input in paperboard manufacture. IA. M. Kachanov. Bum. prom. 37 no. 11:27-28 N '62.

Effect of polydispersity on the elastic and viscous properties of cellulose and its grinding quality. N. IA. Solechnik, V. P. Alikin. Trudy LTA no. 91 49-64 '60.

Investigating the sulfite cooking processes of reed pulp. S. P. Foteev. Bum. prom. 37 no. 11:3-4 N '62.

Make efficient use of reed natural resources. Bum. prom. 37 no. 11:1-2 N '62.

PAPER INDUSTRY—BY-PRODUCTS see subdivision under Ingur Valley

PAPERMAKING MACHINERY

[Equipment and technology of the printing industry] Ref. zhur. Otd. vyp. 37: Obor. i tekh. poligr. proizv. no. 24 D '62.

PAPERMAKING MACHINERY—ELECTRIC DRIVING

Provide the paper industry with modern electric driving systems. S. A. Fomenko. Bum. prom. 37 no. 11:31 N '62.

PAPPATACI FEVER—CONGRESSES

Soveshchanie po leishmaniozam i moskitnoi likhoradke, Ashkhabad, 1962. [Conference on leishmaniasis and pappataci fever] Soveshchanie po leishmaniozam i moskitnoi likhoradke, g. Ashkhabad 28-30 marta 1962 g. Moskva, In-t epidemiologii i mikrobiologii im. N. F. Gamalei AMN SSSR, 1962. 116 p. (DNLM)

PARACHUTING

Competitions of Russian parachutists. P. Korzinkin. Kryl. rod. 13 no. 11:24 N '62.

The skill grows with competitions. I. Lisov. Kryl. rod. 13 no. 11 22-23 N '62.

PARAFFIN WAX

Special conditions governing the separation of a condensate containing paraffin from gas in the process of low-temperature separation. IA. D. Savvina. Trudy VNII-GAZ no. 17:135-141 '62.

PARAFFINS

(see also subdivision under United States)

Effect of additions on the increase in activity of catalysts for the dehydrocyclization of paraffins. M. I. Rozengart, Z. F. Kuznetsova. Kin. i kat. 3 no. 6:942 N-D '62.

Effect of the method of liquid paraffin oxidizing on the yield and quality of the obtained fatty acids. P. G. Igonin and others. Masl.-zhir. prom. 28 no. 11 20-23 N '62.

PARAFFINS—THERAPEUTIC USE

Rare complication in the treatment of prostatitis. V. V. Vlasov. Urologiia no. 5:62-63 '62.

PARAGANGLIA see Chromaffin system

PARALYSIS

Mechanism of persistent paralysis following an epileptic seizure, a clinical observation. V. A. Karlov, R. S. IAmpol'skaia. Klin. med. no. 9 153-154 '62.

Paroxysmal myoplegia in Addison's disease. A. Kh. Shtremel'. Klin. med. no. 9:146-150 '62.

PARALYSIS AGITANS

Differential diagnosis of atherosclerotic parkinsonism and paralysis agitans, the clinical aspects and pathomorphology. P. B. Kazakova, G. A. Mashanova. Trudy Gos. nauch.-issl. inst. psikh. 25:278-314 '61.

Differential diagnosis of syphilitic and atherosclerotic parkinsonism. G. A. Mashanova, A. U. Umankulov. Trudy Gos. nauch.-issl. inst. psikh. 25 157-160 '61.

PARAMAGNETIC RESONANCE AND RELAXATION

Characteristics of the spectra of electron paramagnetic resonance in ferroelectric ceramics containing titanium. M. P. Volinov, N. I. Demidenko. Fiz. tver. tela 4 no. 11:3211-3214 N '62.

Detection of the isotope K^{40} by the method of optical orientation of atoms. E. B. Aleksandrov, V. A. Khodovoi. Opt. i spektr. 13 no. 5:751-752 N '62.

Effect of dislocations on the shape of paramagnetic resonance lines. N. G. Koloskova. Fiz. tver. tela 4 no. 11:3129-3135 N '62.

Electron paramagnetic resonance in supercooled solutions containing Mn^{2+} and Gd^{3+} ions. N. S. Garif'ianov, R. Kh. Timerov, N. F. Usacheva. Fiz. tver. tela 4 no. 11: 3344-3345 N '62.

Electron paramagnetic resonance in supercooled WCl_5 solutions. N. S. Garif'ianov, V. N. Fedotov. Fiz. tver. tela 4 no. 12:3537-3539 D '62.

Electron paramagnetic resonance of Zr3+ in glasses. N. S. Garif'ianov, N. R. IAfaev. Zhur. eksp. i teor. fiz. 43 no. 5 1978-1979 N '62.

Mechanism underlying the effect of a vanadium admixture on the spin-lattice relaxation of chromium in corundum. G. M. Zverev, A. M. Prokhorov, A. K. Shevchenko. Fiz. tver. tela 4 no. 11:3136-3143 N '62.

Paramagnetic resonance absorption in metals. V. P. Kalashnikov. Fiz. met. i metalloved. 14 no. 5:652-659 N '62.

Paramagnetic resonance and spin-lattice relaxation of Ti^{3+} ions in corundum. S. A. Al'tshuler, Sh. Sh. Bashkirov, M. M. Zaripov. Fiz. tver. tela 4 no. 12:3367-3372 D '62.

Passage effects for electron paramagnetic resonance lines with nonuniform broadening using a high-frequency magnetic field modulation. A. A. Bugai. Fiz. tver. tela 4 no. 11:3027-3034 N '62.

Quantum theory of relaxation processes [with summary in English]. V. M. Fain. Zhur. eksp. i teor. fiz. 42 no. 4 1075-1083 Ap '62.

Relaxation of F1g in paramagnetic solutions. V. M. Vdovenko, L. L. Pavlova, V. A. Shcherbakov. Zhur. struk. khim. 3 no. 6:707-709 '62.

Role of diamagnetism in paramagnetic resonance. A. B. Roitsin. Fiz. tver. tela 4 no. 10:2982-2983 O '62.

Role of electric fields in paramagnetic resonance. A. B. Roitsin. Fiz. tver. tela 4 no. 10:2948-2957 O '62.

Spin-lattice interaction in crystals containing evolved paramagnetic complexes. L. K. Aminov, B. I. Kochelaev. Fiz. tver. tela 4 no. 11:3273-3276 N '62.

Spin-lattice relaxation in $K_3(Co, Fe)(CN)_6$. I. V. Ovchinnikov. Fiz. tver. tela 4 no. 10:2750-2754 O '62.

Spin-lattice relaxation in ruby. IU. V. Bogomolov. Fiz. tver. tela 4 no. 11:3286-3287 N '62.

Spin waves and paramagnetic relaxation in a Fermi liquid [with summary in English]. I. P. Ipatova, G. M. Eliashberg. Zhur. eksp. i teor. fiz. 43 no. 5:1726-1993 N '62.

Studying the effect of ionizing radiation on glasses of the system $Na_2O \cdot B_2O_3 \cdot SiO_2$ by the method of electron paramagnetic resonance. G. O. Karapetian, D. M. IUdin. Fiz. tver. tela 4 no. 10:2647-2655 O '62.

Temperature variation in the width of the spectrum of electron paramagnetic resonance in the system titanium - oxygen TiO_x ($x = 1.5 + 2.0$). M. P. Volinov, N. I. Demidenko. Fiz. tver. tela 4 no. 11:3277-3278 N '62.

PARAMAGNETIC RESONANCE AND RELAXATION—SPECTRA

Akademiia nauk SSSR, Institut khimicheskoi fiziki [Atlas of electron paramagnetic resonance spectra, theoretically computed multicomponent symmetric spectra] Atlas spektrov elektronnogo paramagnitnogo rezonansa; teoreticheski rasschitannye mnogokomponentnye simmetricheskie spektry. Moskva, Izd-vo Akad. nauk SSSR, 1962. 228 p.

PARAMAGNETISM

Spin-spin interaction of paramagnetic ion nuclei through a phonon field. Sh. Sh. Bashkirov, U. Kh. Kopvillem. Fiz. tver. tela 4 no. 11:3340-3342 N '62.

PARAMECIUM

Effect of some essential oils on the dehydrogenase activity of Paramecium [with summary in English] M. M. Epshtein, S. M. Pilipavska. Mikrobiol. zhur. 24 no. 2 44-48 '62.

PARAMETRIC AMPLIFIERS

Glastovetskii, G. S. [Tuned parametric high-frequency amplifiers using transistor diodes and their applications] Rezonansnye parametricheskie usiliteli vysokoi chastoty na poluprovodnikovykh diodakh i ikh primenenie; stenogramma lektsii. Leningrad, 1962. 30 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Seriia: Pribory i elementy avtomatiki)

Nonstationary processes in a parametron using the capacitance of a p-n junction. V. I. Samoilenko. Trudy MAI no. 149 111-133 '62.

Parametric generator with two steady frequency states. V. I. Samoilenko, B. S. Finogenov. Trudy MAI no. 111 66-73 '62.

Stationary conditions in two-stage network of a parametron using the capacitance of a p-n junction. V. I. Samoilenko, I. A. Glotov. Trudy MAI no. 110 92-111 '62.

PARAMUSHIR ISLAND—SPONGES

Tetraxonida and Cornacuspongida of the Pacific shoals near Paramushir and Shumshu Islands. V. M. Litvinov. Issl. dal'nevost. morei SSSR no. 8, 181-199 '62.

PARANOIA

Characteristics of remissions and the restoration of work capacity in paranoid schizophrenia treated with aminazine [with summary in French]. L. M. Ignatova. Zhur. nevr. i psikh. 62 no. 8:1218-1224 Ag '62.

Hallucinatory paranoid states in cerebral atherosclerosis at a late age; report No. 2. I. A. Maslov. Trudy Gos. nauch.-issl. inst. psikh. 25:75-86 '61.

PARAPLEGIA

Successful X-ray therapy of torpid paraparesis of the legs in chronic lymphatic leukemia. S. B. Gertsulin, G. B. Berliner, L. F. Sinenko. Klin. med. no. 9:143-146 '62.

PARASITES—ASSES AND MULES

Detection of Theileria lecythaliformis (Gurlt, 1831) in asses. V. M. Ivashkin, T. N. Timofeeva. Trudy Gel'm. lab. 11:98-101 '61.

Epizootiology of habronemiasis of domestic solidungulates. V. M. Ivashkin, I. A. Khromova. Trudy Gel'm. lab. 11:105-109 '61.

PARASITES—BIRDS

Problems of the taxonomy and faunology of cestodes in birds of the middle Volga Valley. A. A. Spasskii. Trudy Gel'm. lab. 11:251-260 '61.

PARASITES—CAMELS

Epizootiology and prophylaxis of thelaziasis of camels. V. M. Ivashkin. Trudy Gel'm. lab. 11:92-94 '61.

PARASITES—CARP

Bothriocephaliasis in pond fishes. V. A. Musselius. Trudy sov. ikht. kom. no. 14:220-224 '62.

PARASITES—CATTLE

(see also subdivision under Karelia)

Causative agents of stephanofilariasis in cattle. V. M. Ivashkin, T. N. Timofeeva, L. A. Khromova. Trudy Gel'm. lab. 11:109-114 '61.

Changes in the morphological forms of Babesiella bovis in the peripheral blood of cattle. V. A. Loiarev. Trudy Kar. fil. AN SSSR no. 14:14-32 '59.

PARASITES—DOMESTIC ANIMALS see subdivision under White Russia

PARASITES—DUCKS

Tetrameres ryjikovi, a new species of nematodes from anserine birds. Khuan Shen-I [Huang Sheng-i]. Trudy Gel'm. lab. 11:314-316 '61.

PARASITES—FISHES

(see also subdivision under Baikal Lake region; Syamozero, Lake; Ukraine; Volga-Don Canal)

Acanthocephala in fishes of the Zeya River basin. V. A. Roitman. Trudy Gel'm. lab. 11:194-207 '61.

PARASITES -- FISHES (Continued)
First case of larvae of the nematode Dioctophyme renale (Goeze, 1782) in fishes of the U. S. S. R. E. M. Kurmanova. Trudy Gel'm. lab. 11,118-121 '61
Helminths of fishes in the basin of the Plotnikova River, Kamchatka Province. A. A. Spasskii, V. A. Rottman, V. G. Shagaeva. Trudy Gel'm. lab. 11:270-285 '61.
Present state, tasks and methods of studying the physiology of fish parasites. G. S. Markov Uch. zap. Volg. gos. ped. inst. no. 13 83-89 '61.
Trematodes of fishes in the Amur River basin. A. Kh. Akhmerov. Trudy Gel'm. lab. 11:22-31 '61.

PARASITES—GAME AND GAME BIRDS
Helminthological characteristics of the types of hunting grounds. A. S. Rykovskii. Trudy Gel'm. lab. 11. 223-227 '61.

PARASITES—HORSES
Epizootiology of habronemiasis of domestic solidungulates. V. M. Ivashkin, L. A. Khromova Trudy Gel'm. lab. 11:105-109 '61

PARASITES—INSECTS see subdivision under Azerbaijan

PARASITES—LIZARDS see subdivision under Soviet Central Asia

PARASITES—MAMMALS
Encapsulation of nematode larvae in the tissues of mammals [with summary in English] IU. A. Berezantsev Vest LGU 17 no. 21:42-53 '62.

PARASITES—MARMOTS
Discovery of Cienotaenia marmotae(Fröhlich, 1802) in marmots of the U. S. S. R. A. A. Spasskii, N. M. Shalaeva. Trudy Gel'm. lab. 11:200-202 '61.

PARASITES—MOLLUSKS
Trematode larvae in freshwater mollusks of the middle Volga Valley. R. A. Kupriianova-Shakhmatova. Trudy Gel'm. lab. 11:130-143 '61.

PARASITES—POULTRY
Epizootiology of ascariasis in poultry. A. A. Mozgovoi, I. I. Magda, N. E. Shalduga. Trugy Gel'm. lab 11: 165-166 '61.
Helminths of domestic birds in Khabarovsk Territory. Khuan Shen-I [Huang Sheng-i]. Trudy Gel'm. lab 11. 303-308 '61.

PARASITES—RAILS (BIRDS)
Nematodes in rails of the U. S. S. R. A. V. Pavlov, T. P. Sergeeva. Trudy Gel'm. lab. 11:100-103 '61.

PARASITES—SANDPIPERS
Rusguniella skrjabiniia new species of nematodes from sandpipers. Khuan Shen-I [Huang Sheng-i]. Trudy Gel'm. lab. 11:300-313 '61.

PARASITES—SWINE
Epizootiology of Ascaropa infestation of swine in the U. S. S. R. G. IA. Shmytova. Trudy Gel'm. lab. 11: 356-362 '61.

PARASITES—TURBELLARIA
A case of parasitism of Tetrahymena in the flatworm Microstomum [with summary in English]. A. V. IAnkovskii. Vest LGU 17 no. 21:153-155 '62.

PARASITES—TURTLES see subdivision under Daghestan

PARASITES—WATER BIRDS
Cestodes (Pseudophyllidea and Tetraphyllidea) from water birds of Kamchatka. A. A. Spasskii, I. P. Bobova Trudy Gel'm. lab. 11:259-260 '61.
Helminths of wild and domestic water birds in Amur Province. K. M. Ryzhikov, T. N. Timofeeva. Trudy Gel'm. lab. 11:213-222 '61.
New genus of trematodes Cotylurotrigea nov. gen. (family Strigeidae) from water birds. V. E. Sudarikov. Trudy Gel'm. lab. 11:203-204 '61.

PARASITES—WEEVILS see subdivision under Orenburg Province

PARASYMPATHETIC NERVOUS SYSTEM see Nervous system, Parasympathetic

PARASYMPATHOLYTICS
Tolerance of mice of different ages to M- and N-cholinolytics [with summary in English]. V. B. Prozorovskii. Biul. eksp. biol. i med. 54 no. 11 76-79 N '62.

PARENTERAL THERAPY
Materials on a study of the parenteral alimentation with fat. Report No. 1: The preparation of fat emulsions suitable for intravenous administration. V. Korzans. Izv. AN Latv. SSR no. 2:161-164 '61.
Parenteral protein feeding as one of the types of therapeutic nutrition, biological value of some preparations used for this purpose [with summary in English]. N. F. Kosheleva. Vop. pit. 21 no. 4:46-52 Jl-Ag '62.
Use of protein hydrolysate from the Central Order of Lenin Institute of Blood Transfusion in some diseases of the digestive organs [with summary in English]. V. A. Oleneva, N. M. Gruzdeva. Vop. pit. 21 no. 4: 42-45 Jl-Ag '62.

PARENTS AND TEACHERS see Home and school

PARIS—COMMUNE, 1871
"The Paris Commune of 1871," Vols. 1-2 Reviewed by S. Skazkin Kommunist 39 no. 18 118-120 D '62

PARIS—PIANISTS
History of pianism in France during the 1830's and 1840's E. M. Zingel. Nauch.-metod. zap. Novosib. gos. konser. no. 1:109-144 '58.

PARK DISTRICTS see subdivision under Leningrad

PARKS see subdivision under Vinnitsa

PARODIES, UKRAINIAN
[Literary parodies and jokes] Literaturni parodii ta zharty; [zbirnyk. Red. P. B Staiets'kyi] Kyiv, Derzhlitvydav, 1961. 142 p (MH)

PAROLE
Decision of the plenary session of the Supreme Court of the U. S. S. R. of March 29, 1962. Sov. iust. no 11:21 Je '62

PARQUET FLOORS
Akademiia stroitel'stva i arkhitektury SSSR. Institut organizatsii, mekhanizatsii i tekhnicheskoi pomoshchi stroitel'stvu. [Floors made of planks of parquetry in residental and public buildings] Poly iz parketnykh dosok v zhilykh i obshchestvennykh zdaniiakh; iz opyta Glavmosstroia. Moskva, Gosstroiizdat, 1962. 25 p.

PARTICLE ACCELERATORS
Electrodynamic interaction of electrons in accelerators. I. E. Tamm. Trudy Fiz. inst. 18 3-31 '62.
Transverse stability of charged beams in storing systems. V. G. Grishin. Vest. Mosk. un. Ser. 3: Fiz., astron. 17 no. 6:83-85 N-D '62.
Use of a thermionic cathode in a microtron. B. Z. Kantsel'. Izv. AN SSSR. Ser. fiz. 26 no. 11:1353-1356 N '62.

PARTICLES (NUCLEAR PHYSICS)
Pathways of high-energy physics, an interview with S. Powell, Nobel Prize winner for 1962. Priroda 51 no. 12:51-55 D '62.
Strange particles. K. I. Shchelkin. Priroda 51 no. 12: 10-18 D '62.
Symmetry of the world. A. A. Abrikosov, I. M. Khalatnikov. Fiz. v shkole 23 no. 5:4-13 S-O '62.

PARTIES FOR CHILDREN see Children's parties

PASHENNAIA, VERA NIKOLAEVNA, 1887-1962
In memory of a great actress. Mikhail Zharov. Teatr 23 no. 12 161 D '62.
Life dedicated to the theater. T. Erazmova. Ogonek 40 no. 40,3 S '62.

PASSIVATION
Interaction between metals and oxidizers in electrolytes. V. M. Novakovskii, L. A. Polubolertseva. [Trudy] UNIKHIM no. 9:37-51 '61.

PASTERNAK, BORIS LEONIDOVICH, 1890-1960
Gaev, A. G. [B. L. Pasternak and his novel, "Doctor Zhivago."] B. L. Pasternak i ego roman "Doktor Zhivago." Munich, In-t po izucheniiu SSSR, 1959. 24 p. ["Otdel'nyi ottisk iz No. 3(28) Vestnika Instituta po izucheniiu SSSR."] (IEN)

PASTURE RESEARCH
(see also subdivision under Bet-Pak-Dala)
Agronomic origin of phytosociology. Report No. 2. G. I. Dokuman, P. E. Porokhovnik. Bot. zhur. 47 no 10: 1534-1541 O '62.

PASTURES AND MEADOWS see subdivision under Krasnodar Territory; Kzyl-Orda Province; Ossetia, North, Tsna Valley, Volosovo District

PATCHOULI see subdivision under Georgia

PATCHOULI—FERTILIZERS AND MANURES see subdivision under Georgia

PATENT LAWS AND LEGISLATION
(see also subdivision under Great Britain)
Controversial problems in the implementation of Article 19 of "Regulations on inventions, scientific discoveries, and efficiency suggestions" by Soviet courts [with summary in English]. M. L. Asinovskii. Vest. LGU 17 no. 23:119-123 '62.
Gal'perin, G. I. [Basic rights of inventors and efficiency experts and the promotion of inventions] Osnovnye prava izobretatelei i ratsionalizatorov i sodeistvie izobretatel'stvu. Sverdlovsk, Prezidium Sverdlovskoi obl. kollegii advokatov, 1959. 36 p.
"Meter" of rights. I. Rybakov. Izobr. i rats. no. 11:33 N '62.

PATENTS
[Bulletin on inventions] Biul. izobr. 39 nos. 21, 23 N-D '62.
News from patent offices. N. Moirish. Izobr. i rats. no. 11:31 N '62.

PATHOLOGICAL PHYSIOLOGY see Physiology, Pathological

PATHOLOGY
"General human pathology" by I. V. Davydovskii. Reviewed by S. S. Vail'. Klin. med. 40 no. 10:150-154 O '62.

PATRIOTISM
We should love our country as Lenin loved it. I. IAiskevich. Belarus' 19 no. 12 6-7 D '62.

PAVEMENTS—TESTING
Device for measuring the roughness of road pavements. E. G Podlikh. Avt. dor 25 no 11 6-8 N '62

PAVEMENTS, ASPHALT
Experimental construction of an asphalt-concrete pavement with a rough surface. E. L Rakovskii Avt dor. 25 no. 11 5-6 N '62

PAVLOVSK DISTRICT (ALTAI TERRITORY)—AGRICULTURAL MACHINERY—MAINTENANCE AND REPAIR
For the longevity of machinery! N. El'nikov. Sel' mekh no. 10 13-15 '62.

PAVLOVSK HYDROELECTRIC POWER STATION—HYDRAULIC TURBINES—TESTING
Actual testing of the turbine sets of the Pavlovsk Hydroelectric Power Station G. I Krivchenko, V M Klabukov SCHdi stroi 33 no 10,38-43 O '62

PAVLYK, MYKHAILO IVANOVYCH, 1853-1915
"Sociopolitical and philosophical views of M. Pavlyk" by P. T. Manzenko. Reviewed by A. IEryshev. Voiov. ateist no. 11 61-62 N '62.

PAY-KHOY—DEEP-SEA DEPOSITS
Some new data on Quaternary sediments in the eastern Pay-Khoy. N. G. Chizhova. Mat. VSEGEI no. 67:129-132 '61.

PAYMENT
From our readers' letters. Den. i kred 20 no 10 69-76 O '62

PEA WEEVIL see subdivision under Ukraine

PEA WEEVIL—EXTERMINATION
From the practices in controling the pea weevil. G. D. Kovalenko and others. Zashch. rast. ot vred. i bol. 7 no. 4:8-13 Ap '62.

PEACE
Communiqué of the Working Committee of the Christian Peace Conference. Zhur. Mosk. Patr. no. 10:50-52 O '62.
Firm basis of the solidarity of the communist movement. V. Vershinin. Polit. samoobr. 6 no. 12 11-16 D '62.
Greetings from His Holiness Patriarch Alekstl to the Working Committee of the Christian Peace Conference. Zhur. Mosk. Patr. no. 10 15 O '62.
International situation and the objectives of the Christian movement for the defense of peace. Archbishop Nikodim. Zhur. Mosk. Patr. no. 10:45-50 O '62.
Press conference of the Working Committee of the Christian Peace Conference. Zhur. Mosk. Patr. no. 10:52-58 O '62.
Resolutions of the Consultative Committee of the Christian Conference for Peace of May 17, 1962. Brat. vest no. 4:3-7 '62.
Role of Christians under present international conditions of tension (lecture of Dr. I. L. Hromadka at the meeting of the Consultative Committee of the Christian Conference of Peace in Karlovy Vary, Czechoslovakia, May 15, 1962). Brat. vest no. 4:8-19 '62.
To the Communist Party and peoples of the Soviet Union! To the peoples and governments of all countries! To the whole progressive mankind:an appeal of the Central Committee of the CPSU, Presidium of the Supreme Soviet of the U. S. S. R., and the Government of the U. S. S. R. Voiov. ateist no. 9-2-4 S '62

PEACE—CONGRESSES
Declaration of the consultative conference of the World Council of Churches on peace and disarmament in Geneva, June 20-22, 1962. Brat. vest no. 4 23-24 '62.
For the elimination of wars. Voiov. ateist no. 7:5 Jl '62.
Meeting of Eastern and Western Christians in Geneva, June 1962. I. M. Orlov. Brat. vest no. 4:22 '62.
Universal Congress for Disarmament and Peace. IA. I. Zhidkov. Brat. vest no. 4:20-21 '62.

PEACE—SOCIETIES, ETC.
(see also subdivision under United States)
The peace movement and American "liberals" (to be continued). M. S. Arnoni. Nov. vrem. 20 no. 51:16-20 D '62.

PEACE AND WOMEN see Women and peace

PEACE CORPS see subdivision under India

PEAR see subdivision under Moldavia; Polesye

PEAR—DISEASES AND PESTS
Preparations for killing the Azalea lace bug. E. D. Nikolaeva. Zashch. rast. ot vred. i bol. 6 no. 8.31 Ag '61.

PEARLITE see Perlite (Mineral)

PEAS see subdivision under Moscow Province

PEAS—DISEASES AND PESTS see subdivision under Lithuania

PEAS—HARVESTING
(see also subdivision under Altai Territory)

Biochemical evaluation of green pea varieties and mechanized harvesting [with summary in English] A M Drozd, A S. Shvetsov. Trudy po prikl.bot., gen i sel 34 no 2 124-130 '61

PEASANT UPRISINGS see subdivision under Russia, Ukraine

PEASANTRY see subdivision under Europe, Eastern, Kharkov Province

PEAT

Varentsov, V. S., and A. V. Lazarev. [Technology of the production of milled peat] Tekhnologiia proizvodstva frezernogo torfa. Moskva, Gosenergoizdat, 1962. 335 p.

PEAT BOGS see subdivision under Angren region

PEAT MACHINERY—WELDING
Mechanization of welding operations at the Ivanovo plant of peat machinery manufacture. V A. Asriants Svar. proizv. no. 5:28-30 My '62.

PEAT SOILS
Deep drainage of lowland bogs in the Meshchera region Kh N Strikov Gidr. i mel 14 no 11 41-48 N '62

Kulazhenka, A. M. [High potato yields in peat soils] Vysoki uradzhai bul'by na torfianikakh. Minsk, Dziarzh. vyd-va sel'skahaspadarchai lit-ry BSSR, 1962. 11 p. (Bibliiatechka peradavcha vopytu)
(DNAL)

PECHENGA REGION—ROAD CONSTRUCTION
Constructing roads the year round N Lisin Avt. dor. 25 no 11,20-21 N '62

PECHERSKY MONASTERY
(see also subdivision under Kiev)

Kiev Kievo-Pecherskaia Lavra [Kiev-Pechersky Monastery; a guidebook] Gosudarstvennyi zapovednik-muzei "Kievo-Pecherskaia Lavra"; putevoditel'. Kiev, Gospolitizdat, USSR, 1961, 159 p.
(MH)

PECHORA BASIN—COAL MINES AND MINING—COSTS
Costs of Pechora coal and economic relations between the Pechora Basin and the Urals. V. A. Startsev Izv. Komi fil. Geog ob-va SSSR no 7,25-30 '62

PECHORA BASIN—GEOLOGY, STRATIGRAPHIC
Correlation of Permian sediments in the Kama Valley portion of the Ural Mountain region and the Pechora coal basin. V. P. Gorskii. Mat. VSEGEI no. 67:59-81 '61.

PECHORA BASIN—GRAVITY PROSPECTING
Geological effectiveness of gravity prospecting in the Pechora Basin and adjacent regions B D Poletaev, IU A Bosykh. Geofiz razved. no 10,34-44 '62.

PECHORA BASIN—SHAFT SINKING
Deepening of vertical shafts in the Pechora Coal Basin. I.G. Kursanov. Ugol' Ukr. 6 no. 11:33-34 N '62.

PECHORA DISTRICT—MINNOWS
Propagation of the Pechora District lake minnow L N Solovkina Izv. Komi fil Geog ob-va SSSR no 7:128-131 '62

PECHORA RIVER—ALLUVIUM
Structure of several bars "talyms" in the upper part of the Pechora River V. A Chermnykh. Izv Komi fil Geog ob-va SSSR no 7 112-114 '62.

PECHORA RIVER—REGULATION
Discussion of the project for diverting the runoff of the northern rivers of Pechora and Vychegda into the Caspian Sea Basin L. A Brattsev. Izv Komi fil Geog ob-va SSSR no. 7 132-133 '62.

PECHORA VALLEY—BRECCIA
Importance of Carboniferous calcareous breccia for the study of the tectonic development of the Western Ural trough. V. P. Gorskii, E. A. Grammatchikov. Mat. VSEGEI no. 67:101-105 '61.

PECHORA VALLEY—CAVES
Caves of the Pechora territory as a source for studying the Quaternary. B. I. Gueliteer, V. I. Kanivets. Izv. Komi fil. Geog. ob-va SSSR no. 7:45-59 '62.

PECHORA VALLEY—GEOLOGY, STRATIGRAPHIC
Caves of the Pechora territory as a source for studying the Quaternary. B. I. Gueliteer, V. I. Kanivets. Izv. Komi fil Geog. ob-va SSSR no. 7:45-59 '62

PECHORA VALLEY—GEOLOGY, STRUCTURAL
Importance of Carboniferous calcareous breccia for the study of the tectonic development of the Western Ural trough. V. P. Gorskii, E. A. Grammatchikov. Mat. VSEGEI no. 67:101-105 '61.

Revealing recent tectonic movements by means of studying river valleys. E. N. Bylinskii. Izv. AN SSSR. Ser. geog. no. 6 66-74 N-D '62.

PECHORA VALLEY—PALEONTOLOGY, STRATIGRAPHIC
Upper Devonian and Tournai sediments of the Malaya Pechora Valley. V. A. Varsanof'eva, T. A. Reitlinger. Biul. MOIP. Otd. geol 37 no. 5 36-60 S-O '62.

PECTIC SUBSTANCES
Pectic substances and their role in plants T. K. Gaponenkov, Z. I. Protsenko. Bot. zhur. 47 no. 10:1486-1493 O '62.

PEDIATRIC ANESTHESIA
General anesthesia in bronchoscopy in children [with summary in English]. G. L Frolov, S. V. Ivanova. Pediatriia 41 no 9:62-65 S '62.

PEDIATRICS
(see also subdivision under Lithuania)

Apropos of Professor A. T. Petriaeva's article, "Some controversial questions in contemporary pediatrics" S. D. Nosov Pediatriia no 7 64-65 '62.

Apropos of Professor A. T. Petriaeva's article, "Some controversial questions in contemporary pediatrics". V. A Belousov Pediatriia no. 7 66-67 '62.

Apropos of Professor A. T. Petriaeva's article, "Some controversial questions in contemporary pediatrics". V. P. Bisiarina. Pediatriia no. 7 67-71 '62.

Some controversial questions in contemporary pediatrics. A T Petriaeva. Pediatriia no. 7 60-61 '62.

PEDIATRICS—CONGRESSES
Eighth All-Union Congress of Pediatricians. N. S. Kisliak. Pediatriia 41 no. 9:88-94 S '62.

PEDIATRICS—PERIODICALS
Decision of the presidium of the Council of Scientific Medical Societies of the Ministry of Public Health of the U. S. S. R. on June 21, 1962 on the work of the editorial board of the journal "Pediatriia" during 1961. Pediatriia 41 no 9 94-95 S '62

PEGMATITES
(see also subdivision under Gissar Range)

Electric separation of pegmatites. G. A. Nekrashevich. Stek. i ker. 19 no. 11 23-37 N '62.

PEIPING—ARCHITECTURE
Kapitsa, L. L. [The ancient city of Peiping; notes of an architect] Drevnii gorod Pekin; zametki arkhitektora. Moskva, Izd-vo "Znanie," 1962. 47 p. (Novoe v zhizni, nauke, tekhnike. VI Serita. Literatura i iskusstvo, no. 24)

PEIPING—DESCRIPTION
On the eve of the national festival. A. Ter-Grigor'ian. Ogonek 40 no. 40:2-3 S '62.

PEKING see Peiping

PELTS see Hides and skins

PENDULUM
On the theory of a non-self-regulating mathematical pendulum [with summary in English] V N. Shovelo, V. G Shtelik Ukr mat zhur 14 no 4 372-382 '62

PENICILLIN
Antibiotic activity of microcide and penicillin in their combined application [with summary in English] O O Nikol'aka Mikrobiol zhur 24 no 2:55-59 '62
Morphological changes developing in guinea pig organs during the administration of penicillin [with summary in English]. E. IA Severova. Antibiotiki 7 no. 9 800-801 S '62.
Study of the concentration of penicillin in biological fluids of the body following the administration of bicillin. L. A. Antipova. Pediatriia no. 7:71-75 '62.

PENICILLIN—TOXICOLOGY
Complications with the local use of penicillin for treating brain wounds. G. I. Volkov. Antibiotiki 7 no. 9: 839-840 S '62.

PENICILLIUM
Comparative study of the process of development of strains of Penicillium chrysogenum, No. 194 and of Novyi gibrid [with summary in English]. S. V. Dmitrieva, G. D. Pestereva. Antibiotiki 7 no. 9:783-786 S '62.

PENIS—SURGERY
Late results of plastic surgery of a scalping wound of the penis and scrotum. IU. M. Prokhorov. Urologiia no. 5: 63-64 '62.

PENSIONERS—EMPLOYMENT
Answers to questions. Sov. profsoiuzy 18 no. 22:17-18 N '62.

PENSIONS
(see also subdivision under Vladivostok)

From the practice of organizing work and mechanizing accounting for pension operations. IA. Korolev. Den. i kred. 20 no. 10 54-56 O '62.

[How to obtain a disability pension] Kak poluchit' pensiiu po invalidnosti. 2. izd., ispr. i dop. [Moskva] Mosk. rabochii, 1961. 127 p.

PENTANE
Conversions of 2, 2, 4-trimethylpentane and n-octane on a platinum catalyst. IU. N. Usov, N. I. Kuvshinova. Kin. i kat. 3 no. 6 931-936 N-D '62.

PENTATHLON
Victories oblige; 10th anniversary of the Federation of Contemporary Pentathlon of the U. S. S. R. A. P. Sukolov. Teor. i prak. fiz. kul't. 25 no 10 19-23 O '62

PENTECOSTAL CHURCHES
(see also subdivision under Kherson, Ilin District, Lyubai District)

Facts reveal. Nauka i rel. 4 no. 12:44 D '62

PENTENE
Quantitative determination of tertiary amylenes in a mixture of olefins C5 [with summary in English] O. N Karpov Zhur. anal. khim. 17 no 8:1029-1030 N '62
Syntheses on the basis of 2-methyl-1-pentene. S. I. Krukov, M. I. Farberov. Zhur. prikl. khim. 35 no. 10:2319-2321 O '62.

PENTOSES
Using ion exchange resins in the analysis of pentose hydrolysates IU E. Faikovich Gidroliz i lesokhim. prom. 15 no 8,18-20 '62

PENTOXYL
Effect of pentoxyl and levomycetin and their combinations on agglutinin formation in experimental immunization with typhoid vaccine [with summary in English]. B. IU. Kalinin. Antibiotiki 7 no. 9:790-791 S '62

PEPTIC ULCER
Bicalin in the compound treatment of peptic ulcer. M. I. Livshits. Vrach. delo no. 12:116-117 D '62.
Case of shock necrosis of the myocardium in a patient with peptic ulcer of the stomach and duodenum S. I Saksonov Zdrav. Tadzh 8 no 5 51-52 '62.
Characteristics of the course of peptic ulcer complicated by lamblinsis of the biliary tract. V. K. Hlinich. Terap. arkh. no. 8 36-40 '62.
Effect of blood transfusion on the excretion of 17-ketosteroids in gastric and duodenal peptic ulcer and hypochromic anemia. N. A. Dubrovina Probl. gematol i perel. krovi no. 9:48-52 '62.
Protein metabolism in peptic ulcer patients following stomach surgery [with summary in English]. V. V. Vasil'eva. Vrach. delo no. 12:49-52 D '62.
State of tissue carbohydrate metabolism in peptic ulcer patients following stomach surgery [with summary in English]. M. S. Goverova. Vrach. delo no 12:40-43 D '62.

PEPTIDES
Inclusion of tagged amino acids and adenine-8-C14 in nucleotide peptides of baker's yeast (Saccharomyces cerevisiae). M. K. Veinova, N. M. Sisakian. Dokl. AN SSSR 147 no. 3:731-734 N '62.
Role of humoral factors of a peptide and protein nature in the regulation of capillary permeability. T. B. Maevskaia. Vest. AMN SSSR 17 no. 9:21-26 '62.
Synthesis of certain di- and tripeptides containing a sarcolysine radical. O. F. Ginzburg, K. IU. Mar'ianovskaia. Izv. vys. uch. zav.; khim. i khim. tekh. 5 no. 4:604-607 '62.

PERCEPTION
Stochastic theory of perception. Report No. 6. Influence of the frequency of image presentation on its perception. L. Arana, E. N. Sokolov. Dokl. APN 6 no. 4:69-72 '62.

PERCEPTRONS
Concerning a certain method for distinguishing objects described by several parameters and features of its use. V. L. Brailovskii. Avtom. i telem. 23 no. 12:1643-1653 D '62.
The seeing machine. L Teplov. Tekh mol. 30 no 10 5-6 '62.

PERCHLORATES
Effect of certain cations on the determination of potassium by the gravimetric perchlorate method [with summary in English]. V. N. Tikhonov, M. IA. Gramkina. Zhur. anal. khim. 17 no. 8:917-921 N '62.
Extraction-photometric determination of perchlorates in the presence of chlorates [with summary in English] V. A. Golosnitskaia, V. I. Petrashen'. Zhur. anal. khim 17 no. 7:878-882 O '62.

PEREKOP—ECONOMIC CONDITIONS
Sokhan', M. D. [Perekop; study of its history and local lore] Perekop, istoriko-kraevedcheskii ocherk. Simferopol', Krymizdat, 1962. 92 p.

PEREKOP—HISTORY
Sokhan', M. D. [Perekop; study of its history and local lore] Perekop; istoriko-kraevedcheskii ocherk. Simferopol', Krymizdat, 1962. 92 p.

PEREYASLAV-KHMEL'NITSKIY DISTRICT—ATHEISM—STUDY AND TEACHING
Notes of a village lecturer. A. Tarasenko. Volov. zhizn' no. 9:28-30 S '62.

PERFUSION PUMP (HEART)
Problems encountered in extracorporeal perfusion with cooled blood; selective deep hypothermia [with summary in English]. D. Laurent and others. Vest. khir. 89 no. 9:83-113 S '62.

PERIARTERITIS NODOSA

Clinical aspects of periarteritis nodosa. P. N Sabina, Vrach. delo no. 12,114-116 D '62

PERICARDITIS

Contrast examination of the heart and large vessels in constrictive pericarditis [with summary in English] IU. L. Blau, G. A. Fuchtmul li Kardiologiia 2 no 5 56-59 S-O '62.

Some principal problems in the surgical treatment of adhesive pericarditis [with summary in English] N.V Antelava, Kardiologiia 2 no 5 13-17 S-O '62

PERICARDIUM—WOUNDS AND INJURIES

X-ray diagnosis of lesions of the pericardium and major vessels in foreign bodies in the esophagus [with summary in English] M. K Shcherbatenko klin. med. 10 no. 10 43-47 O '62.

PERIODIC FUNCTIONS see Functions, Periodic

PERIODICALS—BIBLIOGRAPHY see Bibliography—Periodicals

PERIODICALS, JUVENILE see Children's periodicals

PERIODICALS, WOMEN'S see Women's periodicals

PERIODICITY

Daily rhythm of mitotic activity in mice under the conditions of a changed feeding regimen [with summary in English]. N. V. Krasil'nikova Biul. eksp. biol. i med. 54 no. 11;95-98 N '62.

PERITONEOSCOPE

Method for puncturing the abdominal wall in peritoneoscopy. N. M. Dorofeev, I. V Anpilogov Vest khir 89 no. 9 127-128 S '62.

PERITONITIS

Biliary peritonitis without bile duct perforation V G Mitrofanov Khirurgiia 38 no. 10;120-121 O '62.

Diagnostic errors in typhoid fever peritonitis. V. M. Nechiporuk. Klin. med 40 no. 10, 121-123 O '62.

PERLITE (MINERAL)

The mechanism of the expansion of perlite and its technological significance. S. P. Kamenetskii Stroi. mat. 8 no. 11;34-36 N '62

Study of the process of expansion of perlite P P. Budnikov and others. Stroi. mat 8 no. 11 32-34 N '62.

PERM—EMBANKMENTS

Erection of an embankment made of precast reinforced concrete elements I V Abramovich Mont i spets. rab v stroi 24 no 11-13-16 N '62

PERM PROVINCE—NOTARIES

How the notaries of Perm Province organize their work and how they work with the masses M Cheremnykh Sov. iust. no. 12;10 Je '62.

PERM PROVINCE—PETROLEUM—ANALYSIS

Crudes of the new oil fields of the Perm Province. S. N. Pavlova, Z. N. Baranova. Khim i tekh topl. i masel 7 no. 11 32-36 N '62.

PERM RESERVOIR REGION—KARST

Six karst holes. K. G. Butylina. Priroda 51 no. 12, 73 D '62.

PERMAFROST see Frozen ground

PERMALLOYS

Study of thin permalloy films in weak magnetic reversal fields. T. N. Nikitina. Vest. Mosk. un-Ser 3; Fiz., astron. 17 no. 6;58-62 N-D '62.

PERMANGANATES

Effect of preirradiation on the rate of thermal decomposition of permanganates of metals of the first group of the periodic table. V. V. Boldyrev, A N. Obliv antsev. Kin. i kat. 3 no. 6;887-893 N-D '62.

PERMITTIVITY see Dielectric constants

PEROXIDES

Reactions of peroxides with hexamethyldistannane and hexaethyldistilane. N. S. Vinzankin, G. A. Razuvaev, O. A. Kruglaia (Shchepetkova). Izv. AN SSSR, Otd. khim nauk no. 11;2008-2014 N '62.

PERSIA see Iran

PERSIAN LANGUAGE—FOREIGN WORDS AND PHRASES

Zarinzade, G. G. [Azerbaijani words in the Persian language; the Safavid period] Azerbaidzhanskie slova v persidskom iazyke; period Sefevidov. Baku, Akad. nauk Azerbaidzhanskoi SSR, 1962. 435 p. [In Azerbaijani]

(MH)

PERSIMMON

Morphological characteristics of the persimmon Diospyros lotus L. [with summary in English]. Kh. G. Kulieva. Bot. zhur. 47 no. 10;1446-1454 O '62.

PERSONALITY

Art and the harmonious development of personality [with summary in English]. K. M. Il'ichev. Vest. LGU 17 no. 23-44-50 '62.

PERTURBATION

Perturbation theory for large quantized systems, review IU. L. Mentkovs'kyi Ukr. fiz zhur 7 no 9;929-959 S '62.

Theory of the motion of Ceres. Part 2 Absolute second order perturbations of Ceres relative to the perturbing masses [with summary in French]. V. I. Piroshnik Trudy ITA no 9 3-61 '62.

PERYSHKIN, ALEKSANDR VASIL'EVICH, 1902-

Sixtieth birthday of Aleksandr Vasil'evich Peryshkin Fiz. v shkole 22 no. 5;111 S-O '62

PETER THE GREAT BAY—MARINE FAUNA

Some changes in the fauna of coastal areas of the Peter the Great Bay of the Sea of Japan [with summary in English]. Z. I. Kobiakova Vest LGU 17 no. 21 63-71 '62.

PETROCHEMICALS see Petroleum chemicals

PETROLEUM—ANALYSIS

(see also subdivision under Carpathian Mountain region, Daghestan, Perm Province)

Pavlova, S. N., and others. [Petroleum in eastern regions of the U S S R.] Nefti vostochnykh raionov SSSR, spravochnaia kniga. Pod red S. N Pavlovoi i Z V. Driatskoi. Moskva, Gostoptekhizdat, 1962. 607 p.

PETROLEUM—PIPELINES

Semiopen intermediate booster pumping station M S Svatkov Stroi truboprov 7 no 11 10-12 N '62

Soldatov, K. N. [Pumps for pipelines for petroleum products; design, installation, and exploitation] Nasosy magistral'nykh nefteproduktoprovodov, konstruktsiia, montazh, ekspluatatsiia. Moskva, Gostoptekhizdat, 1962. 155 p.

PETROLEUM—PRICES

Classification of crude oils according to quality, and the differentiation of their prices A N. Basov and others Khim i tekh topl. i masel 7 no 11,45-50 N '62

PETROLEUM—REFINING

(see also subdivision under Chechan-Ingush A.S.S.R.)

Competition among petroleum refining collectives. Neftianik 7 no 5 3 My '62.

[illegible]

formatornykh masel; trudy nauchno-tekhnicheskogo soveshchaniia. Pod red. K. I. Ivanova, i dr. Moskva, Gostoptekhizdat, 1962. 134 p.

Removal of acetylenic compounds from the butylene-bivinyl fraction of gases of petroleum product pyrolysis by the methods of selective hydrogenation. P. S Kogan, N. L. Sanina, S. N. Kazanovskii. Khim. prom. no. 10 717-719 O '62.

Volga crudes as a raw material for the production of benzene by catalytic reforming R I Izmailov, A M Okruzhnov, R. A Virobiants Khim i tekh topl i masel 7 no 11 29-32 N '62

PETROLEUM—STORAGE

Poklonnikov, G. A. [Handbook for engineers on tank farms] Spravochnik inzhenera neftebaz. Moskva, Gostoptekhizdat, 1962. 326 p.

Safety problems in collecting and storing oil and gas. R. IA. Estrin, N. S. Khachaturova, T. M. Medvedeva. Bezop. truda v prom. 6 no. 12;6-10 D '62.

PETROLEUM AS FUEL

Hydroxyl-containing compounds in the middle distillate petroleum fuels. IA. B. Chertkov, M. V. Shishkina, N. A. Afanas'eva. Zhur. prikl. khim. 35 no. 11;2460-2466 N '62

PETROLEUM CHEMICALS

(see also subdivision under Chechen-Ingush A.S.S.R.; Salavat, Bashkiria)

Mekhtiev, S. D., and IU. G. Kambarov. [Olefinic hydrocarbons and their use in the petrochemical industry] Olefinovye uglevodorody i ikh primenenie v neftekhimicheskoi promyshlennosti. Baku, Azerbaidzhanskoe gos. izd-vo, 1962. 182 p.

Nagiev, M. F. [A wonderful substance; basic concepts of petroleum, petrochemical synthesis, and polymeric materials] Chudesnoe veshchestvo, osnovnye poniatiia o nefti, neftekhimicheskom sinteze i prozvodstve polimernykh materialov. Izd. 2. Baku, Azerbaidzhanskoe gos. izd-vo, 1962. 328 p.

Trade union life. A. L. Babaian, I. Sh. Reznik. Neftianik 7 no. 5;23-24 My '62.

PETROLEUM GEOLOGY

(see also subdivision under Apsheron Peninsula; Azerbaijan, Azov-Kuban region, Black Sea region, Carpathian Mountains; Caspian Lowland; Caspian Sea region; Caucasus, Northern; Daghestan; Dnieper-Donets Lowland; East Kazakhstan Province; Kazakhstan; Kotur-Tepe; Mangyshlak Peninsula, Minusinsk Basin; Nakhachkala region; Nursuk region; Orenburg Province; Pokutye region; Romashkino region; Sahara; South Caspian Depression; Soviet Central Asia; Surkhandarya Province; Tatar A.S.S.R.; Turkmenistan; Ukraine, Volgograd Province)

Characteristics of the changes in the quality of oil on the territory of some oil- and gas-bearing areas. A.K. Karimov. Vop. geol. Uzb. no. 2;178-181 '61.

Initial migration of oil. A. N. Snarskii. Geol. nefti i gaza 6 no. 11 52-54 N '62.

[Problems in the tectonics of oil- and gas-bearing areas] Voprosy tektoniki neftegazonosnykh oblastei. Moskva, Izd-vo Akad. nauk SSSR, 1962 254 p

Recent data on direct geochemical methods of prospecting for oil and gas. B P. Asaev Geol nefti i gaza 6 no. 12;54-58 D '62.

Results of the joint session on the fuel industry of the Oil and Gas Section of the Council of Geological Testimony of the Ministry of Geology and Conservation of Mineral Resources of the U S S R. and the Geological Section of the Scientific and Technical Council on Mineral Resources of the Committee of the Council of Ministers of the U. S. S. R. V Vasil'ev, S Kosorotov Geol nefti i gaza 6 no. 11 61-64 N '62.

PETROLEUM INDUSTRY

(see also subdivision under Australia, Near East)

Forty-fifth anniversary of the Great October Socialist Revolution Khim i tekh topl i masel 7 no 11 1-4 N '62

Technical methods, equipment, and people. N. Sapronov. Neftianik 7 no 5 20-21 My '62.

Trade union life. A. L. Babaian, L Sh. Reznik. Neftianik 7 no. 5 23-24 My '62.

PETROLEUM INDUSTRY—ELECTRIC EQUIPMENT

Fight against dangerous static electricity in petroleum refining plants F M Rakhmovich, G M Stepanov Prom energ 17 no 11 14-17 N '62

PETROLEUM INDUSTRY—SAFETY MEASURES

Fight against dangerous static electricity in petroleum refining plants F M. Rakhmovich, G M Stepanov Prom energ. 17 no 11 14-17 N '62.

PETROLEUM PIPE LINES see Petroleum—Pipelines

PETROLEUM PRODUCTS

Device for the automatic control of the melting point of petroleum products in a technological stream V. N Gerzhevan-Lati Khim i tekh topl i masel 7 no 11 57-60 N '62

Extraction of aromatic hydrocarbons with aqueous pyridine from intermediate petroleum fractions and catalytic gas oils G F Pal'chikov and others Khim i tekh topl. i masel 7 no. 11 19-25 N '62.

Improvement of the gravimetric method for determining the content of mechanical impurities in white petroleum products P. A. Rybakov, N A Zhukov, N. S Isaeva Khim i tekh topl. i masel 7 no 11 68-71 N '62

Spectral determination of naphthalene and its derivatives in gas oil from catalytic cracking I I. Shabalin, L. A Kruglov, K M. Vaisberg Khim i tekh topl i masel 7 no. 11 25-28 N '62

PETROLEUM PRODUCTS—PIPELINES

Some problems of designing main petroleum products pipelines. M IA Eliseev Stroi. truboprov 7 no 11 5-6 N '62.

PETROLEUM PRODUCTS—TOXICOLOGY

Occupational dermatoses caused by products of the pyrolysis of petroleum and the possibilities of their degeneration into skin cancer [with summary in English]. T. S. Brunevich. Gig truda i prof zab 6 no 6 38-43 Je '62

PETROLEUM REFINERIES

(see also subdivision under Gauhati, Novokuybyshevsk, Ryazan, Yaroslavl)

Problems of the vertical planning of petroleum refineries D. A Lizinskii. Prom stroi. 40 no 11 24-27 '62.

Registering of the frequency characteristics of an object and study of the optimum operation of an automatic control system of tube heating using a structural model A. G. Abdov, I. E. Ibragimov, Z. S. Marbin. Trudy Vych. tsentra AN Azerb. SSR 1 59-70 '62

PETROLEUM REFINERIES—ACCOUNTING

Features of using computers for intrafactory accounting of petroleum and petroleum products in petroleum refineries. IU. A. Makhmudov, T. A. Aliev, T. I. Abbasov. Trudy Vych. tsentra AN Azerb. SSR 1 46-58 '62.

PETROLEUM REFINERIES—EQUIPMENT AND SUPPLIES

(see also subdivision under Azerbaijan)

Use of apparatus for catalytic reforming and hydropurification in petroleum refineries. V. V. Sredin, N B. Aspel' Khim. i tekh topl i masel 7 no 11;13-19 N '62.

PETROLEUM WASTE

Trapped oil spots A. Arshava Tekh. mol. 30 no 10: 35-36 '62

PETROLEUM WORKERS see subdivision under Baku

PETROLOGY

(see also subdivision under Amu Darya Valley; Fergana; Krivoy Rog Basin)

Establishing a Petrographic Committee attached to the Department of Geological and Geographical Sciences of the Academy of Sciences of the U.S.S.R. Izv. AN SSSR. Ser. geol. 27 no. 11;113 N '62.

PETROLOGY (Continued)

Present-day problems of experimental mineralogy and petrography. V.S.Sobolev, A.A.Godovikov. Geol i geofiz. no 10:93-103 '62.

PETROV-BYTOV, PAVEL PETROVICH

Art of P.P.Petrov-Bytov. A. Vladimirova Isk.kino. no.11:150 N '62.

PHAGOCYTOSIS

Effect of onion and garlic phytoncides on the phagocytic activity of leucocytes [in Azerbaijani with summary in Russian]. G.A.Guseinov, R.A.Nasirova. Uch. zap. AGU. Biol. ser. no.5,49-53 '60.

Effect of reserpine on phagocytosis. V.V.Kvirikadze, R.D.Kogan Trudy Gos nauch.-issl. inst. psikh. 25 737-744 '61.

PHANEROGAMS

Independent work of students during the study of the topic "Variety of flowering plants." E.G.Kononova, N.I.Glukhikh. Biol.v shkole no.4 28-32 Jl-Ag '62.

Laboratory work on the topic "General acquaintance with flowering plants." G.M.Murtazin. Biol.v shkole no.4:32-37 Jl-Ag '62.

PHARMACY—EQUIPMENT AND SUPPLIES see subdivision under Tallinn

PHARMACY—STUDY AND TEACHING see subdivision under Tashkent

PHASE CONVERTERS

Mutual dependence between the input and output of multiphase converters, without consideration of the duration of switching processes. A.V.Posse. Izv.NIIPT no.9 46-62 '62.

Present state and future development of frequency converters and phase converters. A.I.Artem'ev. Elektrichestvo no.10:94-96 O '62.

PHASE RULE AND EQUILIBRIUM

Applicability of the method of Redlich and Kister for checking the isobaric data for the liquid-vapor equilibria. I.N.Bushmakin. Zhur.prikl.khim. 35 no.10:2205-2213 O '62.

Characteristics of equilibrium diagrams and dissolution and separation processes in the system Cr - Ni. V.N. Svechnikov, V.M.Pan. Sbor.nauch.rab Inst.metallofiz. AN URSR no.15 164-178 '62.

Characteristics of the isothermal transformation of austenite in the intermediate range. D.IA. Vishniakov, Lei Tin-tsiuan' [Lei T'ing-ch'üan]. Izv.vys.ucheb. zav.; chern met. 5 no.11:163-169 '62.

Connection between diffusion coefficients with constitutional diagram and atomic numbers of alloy components. S.D.Gertsriken. Sbor.nauch.rab.Inst.metallofiz.AN URSR no 15:152-154 '62.

Data on the sub-solidus structure of the system CaO - MgO - FeO - Fe_2O_3 - Al_2O_3 - SiO_2. A.S.Berezhnoi. Sbor.nauch.trud.UNIIO no.5,26-34 '61.

Diagrams "composition - speed of recovery" and their use in the physicochemical analysis of metal systems. L.N. Larikov. Sbor. nauch. rab. Inst. metallofiz. AN URSR no 15 131-136 '62.

Diagrams of isothermal transformation of austenite. A.S.Zav'ialov, Z.I.Kusnitsyna. Izv.vys.ucheb.zav.; chern.met. 5 no.11:156-162 '62.

Formation of the ω-phase in hafnium-base alloys. V.N. Gridnev, V.A.Rafalovskii, V.I.Trefilov. Sbor.nauch. rab. Inst. metallofiz. AN URSR no. 15:183-191 '62.

Liquid - gas interfacial polycondensation. Part 2. Laws governing the gas phase synthesis of aromatic polyoxamides [with summary in English] L.B. Sokolov, L.V. Turetskii, L.I Tugova Vysokom. soed 4 no.12:1817-1821 D '62.

Mechanical properties at high temperatures in equilibrium and nonequilibrium states. B.IA.Pines, A.F. Sirenko. Fiz. met. i metalloved. 14 no.5:693-700 N '62.

Metastable equilibria in the systems $Ca(NO_3)_2$ - HNO_3 - H_2O and CaO - P_2O_5 - N_2O_5 - H_2O at 50°C. M.D. Pozin, B.A.Kopylev, Van Li-shen [Wang Li-sheng]. Zhur.prikl.khim. 35 no.10:2134-2146 O '62.

Microdistribution of temperatures during the electric heating of heterogenous alloys. IU.IA. Meshkov. Sbor. nauch.rab. Inst. metallofiz. AN URSR no.15,201-209 '62.

Mironov, L.V., and others. [Phase transformations and properties of electrical steel] Fazovye prevrashcheniia i svoistva elektrotekhnicheskikh stalei. Sverdlovsk, Metallurgizdat, 1962, 34 p.

Phase diagrams of solid - liquid systems formed by hydrogen isotopes [with summary in English]. V.S. Kogan, B.G.Lazarev, R.F.Bulatova. Ukr.fiz.zhur. 7 no.7:732-736 Jl '62.

Phase equilibrium diagram of the system Cr - Ni - Ni_3Nb - $NbCr_2$. V.N. Svechnikov, V.M.Pan. Sbor. nauch. rab. Inst. metallofiz. AN URSR no.15:156-163 '62.

Phase equilibrium in the system W - Nb - Si and certain alloy properties [with summary in English]. N.V. Dokukina, F.I.Shamrai. Porosh.met. 2 no.6:32-41 N-D '62.

Physicochemical investigation of the ternary system Cr_2O_3 - ZrO_2 - SiO_2. V.F.Smachnaia. Izv.vys. ucheb.zav.; chern.met. 5 no.11:191-195 '62.

Sub-solidus structure of the system CaO - MgO - Al_2O_3 - TiO_2 - SiO_2. A.S.Berezhnoi, N.V.Gul'ko. Sbor. nauch.trud.UNIIO no.5:65-78 '61.

X-ray investigation of the structure of certain liquid alloys of indium with lead and tin. A.V Romanova, A.S. Lashko. Sbor. nauch. rab. Inst. metallofiz. AN URSR no.15 87-99 '62.

PHASMIDIA

Taxonomy of nematodes of the subclass Phasmidia Chitwood et Chitwood, 1933 V.M. Ivashkin. Trudy Gel'm lab. 11 115-117 '61

PHENAMINE

Action of aminazine, chlorpromazine, phenamine and their combinations on food and defense conditioned reflexes in rats in a labyrinth [with summary in English]. E.L. Shchelkunov. Zhur.vys.nerv.deiat. 12 no.1 173-180 Ja-F '62.

PHENANTHRENE CRYSTALS—OPTICAL PROPERTIES

Optical properties of a phenanthrene single crystal in the region of main exciton absorption bands [with summary in English]. M.S Brodin, A.S.Krochuk. Ukr. fiz.zhur. 7 no.11:1205-1213 N '62.

PHENANTHROLINE

Salts of oxalato- and malonatodiphenanthroline cobalt (III). A.V Ablov, D.M Palade Zhur neorg. khim 7 no 11 2514-2519 N '62.

PHENOL

Derivatives of aniline and phenol as effective inhibitors of titanium corrosion in hydrochloric acid. A.P Brynza, L.I.Gerasiutina. Ukr.khim.zhur. 28 no.9 1066-1068 '62

Physical studies in the area of unsaturated aryl ethers and their derivatives. Part 1. Spectra of vinyl substitutes ethers of phenol. Iu.L.Frolov and others. Zhur.strukt.khim. 3 no.5:676-679 '62.

Reactions of allylphenol and trimethylallloxyallylbenzene with alkylalkoxy (hydride) silanes. K.A.Andrianov, V.I. Pakhomov, N.E.Lapteva. Izv.AN SSSR, Otd.khim nauk no.11:2039-2046 N '62.

Sterically hindered phenols. Report No.7: Mechanism of the formation of bromoquinone compounds. V.V.Ershov, A.A.Volod'kin. Izv.AN SSSR, Otd.khim.nauk no.11: 2015-2022 N '62.

Sterically hindered phenols. Report No.8: Formation of cyclohexadienones in the bromination of 2,6-dialkylphenols. A.A.Volod'kin, V.V.Ershov. Izv.AN SSSR Otd.khim.nauk no.11:2022-2026 N '62

PHENOLS

Diphenols obtained in the carbocyclization of D-hexose 1,6-anhydrides. N.N.Shorygina, G.V.Davydova. Izv. AN SSSR, Otd.khim.nauk no.11:2058-2062 N '62

PHENOTHIAZINE

Action of aminazine, chlorpromazine, phenamine and their combinations on food and defense conditioned reflexes in rats in a labyrinth [with summary in English]. E.L. Shchelkunov. Zhur.vys.nerv.deiat. 12 no.1:173-180 Ja-F '62.

PHENYLPYRUVIC OLIGOPHRENIA

Adequacy of conditioned stimuli for oligophrenics. I.A. Molotkova. Dokl.APN S no.4:103-106 '62.

PHEOPHYTINS

Dissociation of pheophytin and pheophytinates of some metals. I.L.Kukhtevich Ukr khim.zhur 28 no.7: 791-798 '62

PHILOSOPHICAL ANTHROPOLOGY

Comprehensive study of man as an urgent problem of present-day science [with summary in English]. B.G. Ananiev. Vest.LGU 17 no.23:35-43 '62.

PHILOSOPHY

(see also subdivision under Uzbekistan)

"The history of Russian philosophy" by A.A.Galaktionov, P.F.Nikandrov. Reviewed by P.T.Belov. Vop.filos. 16 no.11:162-170 '62.

Konkin, S.S. [Philosophic and aesthetic attitude of the periodical "Russkoe slovo" from 1863 to 1866] Filosofsko-esteticheskaia pozitsiia zhurnala Russkoe slovo v 1863-1866 gody. Sterlitamak, Sterlitamakskii gos. pedagog. in-t, 1961. 49 p. (MH)

Study of the history of philosophy. M. Sochnev. Izv. AN Latv.SSR no.3:159-160 '61

PHILOSOPHY—BIBLIOGRAPHY see Bibliography—Philosophy

PHILOSOPHY—DICTIONARIES

Leningrad philosophers have discussed the work of the editorial board of "Philosophical encyclopedia" B.T. Gorianov. Vop.filos. 16 no.12:150-153 '62.

PHILOSOPHY—RESEARCH

A methodological conference of the departments of philosophy of the Academy of Sciences of the U.S.S.R. G.N.Bogdanova. Vop.filos. 16 no.11:154-157 '62.

PHILOSOPHY, UKRAINIAN

"Works in two volumes" by Grigorii Skovoroda. Reviewed by P.S.Shkurinov. Vop.filos. 16 no.12:165-167 '62.

PHONOGRAPH

Andreev, L.V., and others. [Radio consumer goods] Radiotovary; spravochnik. [Leningrad] Gostorgizdat, 1962. 211 p.

PHORONIS see subdivision under Pacific Ocean

PHOSPHATASE

Dynamics of phosphomonoesterase activity in the development of a chicken embryo [in Armenian with summaries in Russian and English]. G.T. Adunts Vop biokhim. 2:139-152 '61.

Effect of insulin on the activity of alkaline and acid phosphatases in some organs of rats [with summary in English]. A.S.Oganesian, G.A. Turabian. Vop.biokhim. 2:159-164 '61.

Reactivation of some phosphomonoesterases after their denaturation by heat [with summary in English]. G.T. Adunts. Vop.biokhim. 2:129-137 '61.

PHOSPHATES

Metastable equilibria in the systems $Ca(NO_3)_2$ - HNO_3 - H_2O and CaO - P_2O_5 - N_2O_5 - H_2O at 50°C. M.D. Pozin, B.A.Kopylev, Van Li-shen [Wang Li-sheng]. Zhur.prikl.khim. 35 no.10:2134-2146 O '62.

Present status of and prospects for the development of raw material supply reserves of phosphate fertilizers in the U.S.S.R. B.M.Gimmel'farb. Izv.AN SSSR, Ser.geol. 27 no 11:32-49 N '62.

PHOSPHATES—CONGRESSES

Scientific and Technical Conference on Transportation and Storage of Powdered Phosphate Raw Materials for the Production of Mineral Fertilizers. N.R. Brodovskii. Khim.prom. no.10 777 O '62.

PHOSPHATIDES

Cholesterol and phospholipids in the blood during prolonged exposure to some industrial poisons (lead, carbon disulfide and benzene). G.S.Kenlkova. Gigiena i sanit. no.8:98-101 '62.

Effect of a diet with a low content of essential fatty acids and vitamin B6 on the secretion of phospholipids and enzymes in the intestine [with summary in English]. I.B.Kuvneva. Vop.pit. 21 no.4:30-35 Jl-Ag '62.

PHOSPHOGLUCONIC DEHYDROGENASE

Changes in the activity of glucose-6-phosphate dehydrogenase and 6-phosphogluconic dehydrogenase in the brain in its various functional states [with summary in English]. G.S. Khachatrian. Vop.biokhim. 2:73-79 '61.

PHOSPHOMOLYBDONIOBATES

Analytical use of the reaction of formation of phosphoromolybdoniobic heteropoly acid [with summary in English] M.I. Zaboeva, V.F. Barkovskii. Zhur. anal. khim. 17 no.8:955-962 N '62.

PHOSPHORESCENCE

Temperature effect on the phosphorescence of phthalic acid in alums [with summary in English]. G.M Ptaliak, N.M.Lysenko. Ukr.fiz.zhur. 7 no.12:1314-1317 D '62.

PHOSPHORIC ACID

Characteristics of the solution of zinc in orthophosphoric acid. L.E.Titova, T.Partina. Zhur.prikl.khim. 35 no.10:2343-2346 O '62.

Conductometric titration of phosphoric acid. Z.P. IAkusheva. Zhur.prikl.khim. 35 no.10:2105-2109 O '62.

Free phosphoric acid (P_2O_5) in turf-Podzolic soils of high mechanical composition of the Negorelaya Forest Training and Experiment Station of the White Russian Institute of Wood Technology. Sbor.nauch.trud.BIT 11 no.11:160-174 '58.

Interaction of cerium (III) sulfate with orthophosphoric acid and its sodium salts in an aqueous solution at 25°C. A.I. Ul'ianov, T.I.Kazakova, I.IA.Ilumininaeva Izv. AN SSSR, Otd.khim.nauk no.11:1910-1920 N '62

Kinetics and mechanism of dihydroxyacetone phosphate hydrolysis D.F. Mironova Ukr.khim.zhur 28 no.7:842-847 '62.

PHOSPHORIC ACID—ELECTRIC PROPERTIES

Electric conductivity of concentrated phosphoric acids G.P. Kakulin, I.G Fedorchenko Zhur neorg khim 7 no 11 2485-2488 N '62.

PHOSPHORITES see subdivision under Georgia

PHOSPHORITES—BIBLIOGRAPHY see Bibliography—Phosphorites

PHOSPHORS

Phosphorescence of boron-phthalic phosphors [with summary in English]. G.M. Kisliak, N.M. Lysenko. Ukr. fiz.zhur. 7 no.12:1308-1313 D '62.

PHOSPHORS—ELECTRIC PROPERTIES

Electric properties of the electroluminophor ZnS-Cu, I.K. Vereshchagin, L.A. Kosiachenko. Ukr.fiz.zhur. 7 no.11:1252-1253 N '62.

PHOSPHORUS
(see also subdivision under China)

Comparison of the basic regularities in the location of phosphorus deposits in the U. S. S. R. and the Chinese People's Republic. B. M Gimmel'farb. Zakonom razm. polezn. iskop 5 134-163 '62.

PHOSPHORUS—ANALYSIS

Neutron activation determination of phosphorus microquantities in biochemical materials [with summary in English]. S. P. Tsolishchev, V.B. Mogilevkin Izv. TSKHA no. 1, 79-95 '62

Quantitative analysis of heteroorganic compounds. Microdetermination of phosphorus [with summary in English]. N. E. Gel'man, T. M. Shanina. Zhur anal khim. 17 no. 6, 998-1004 N '62.

PHOSPHORUS—ISOTOPES

Effect of ultrasonic waves and radioactive phosphorus on the growth and development of tomatoes and cabbage [with summary in English] N D. Feofanova Trudy po prikl bot., gen. i sel 31 no 2, 149-153 '61

PHOSPHORUS BACTERIA see Bacteria, Phosphorus

PHOSPHORUS IN THE BODY

Intensity of the metabolism of separate phospholipide fractions in the brain [with summary in English] I. F. Dumitru. Vest LGU 17 no. 21, 94-105 '62

PHOSPHORUS METABOLISM

Amount of phosphorus compounds in the mycelium of a mutant of Aspergillus niger produced under the influence of ultraviolet rays [with summary in English]. R. N. Gribeshova. Mikrobiologiia 31 no. 3 424-427 My-Je '62.

PHOSPHORUS ORGANIC COMPOUNDS

Quantitative analysis of heteroorganic compounds. Microdetermination of phosphorus [with summary in English]. N. E. Gel'man, T. M. Shanina Zhur. anal khim. 17 no. 6, 998-1004 N '62

PHOSPHORUS ORGANIC COMPOUNDS—TOXICOLOGY

Physiological changes in the body and the working conditions of people who come in contact with phosphorus organic insecticides A IA IAkulov Zdrav. Tadzh 9 no 5, 37-40 '62.

PHOSPHORYLASE

Changes in the amylase and phosphorylase activity in the development of a chicken embryo [with summary in English]. G. T. Adonts, R. R. Nersesian Vop. biokhim. 2:1 53-160 '61.

PHOSPHORYLATION

Effect of cystamine on oxidizing phosphorylation in the spleen of irradiated white rats [with summary in English]. V. G. Vladimirov Biul. eksp. biol. i med. 54 no. 11 55-58 N '62.

PHOTOCHEMISTRY

Inorganic models of Hill's reaction. A. A. Krasnovskii, G. P. Brin. Dokl. AN SSSR 147 no. 3, 650-653 N '62.

Photocatalytic activity of cadmium sulfide A. V. Painlikov, IA. S. Mazurkevich. Ukr khim zhur 28 no. 9 1014-1018 '62

PHOTOCOLORIMETERS see Colorimeters

PHOTOCONDUCTIVITY

Dark polarization of polycrystalline cadmium sulfide. P. S. Nosterenko. Fiz. tver. tela 4 no. 10, 2807-2000 O '62.

Effect of oxygen vacancies on the luminescence and photoconductivity of copper oxide. IU. V Vorobiev, IU I. Korkhanin. Fiz. tver. tela 4 no. 11, 3336-3337 N '62.

Effect of surface recombination on the phase shift between photoconductivity and the exciting light. B. D Kopylovskii, S. V. Bogdanov. Fiz. tver. tela 4 no. 10, 2867-2872 O '62.

Effect of trapping levels on the kinetics of extrinsic photoconductivity of semiconductors. E N Arkad'eva Fiz. tver tela 4 no 11, 3048-3053 N '62.

Electron capture cross sections by negatively charged atoms of deep impurity centers in germanium. K. D. Glinchuk, E. G. Miseliuk. Fiz. tver. tela 4 no. 12, 3671-3673 D '62.

Kinetics of the photoconductivity and luminescence of the crystal phosphor ZnS-Cu under pulse excitation. T. P. Belikova M. D. Galanin, E. A. Sviridenkov. Opt i spektr. 13 no. 5, 752-753 N '62.

Measuring the length of carrier diffusion in germanium and silicon by photoconductivity modulation. K. D. Glinchuk. Ukr. fiz. zhur. 7 no. 11, 1265-1266 N '62.

Photoconductivity in GaP. D. N. Nasledov, S. V. Slobodchikov. Fiz. tver. tela 4 no 11, 3161-3164 N '62.

Photoconductivity spectra of silicon single crystals related to residual impurities. A. F. Plotnikov, V. D. Tkachev, V. S. Vavilov. Fiz. tver. tela 4 no. 12, 3575-3577 D '62.

Relaxation of photoconductivity and the lifetime of current carriers in silicon carbide. G. F. Kholuianov. Fiz. tver. tela 4 no. 11, 3170-3176 N '62.

Some aspects of the kinetics of impurity photoconductivity in germanium with a copper additive. R. A. Paramonova, A. F. Plotnikov. Fiz. tver. tela 4 no. 10, 2835-2839 O '62.

Spectral distribution of photoconductivity in CdS single crystals excited by modulated light. F. I. Kreingol'd Fiz. tver. tela 4 no. 12, 3415-3417 D '62

Structure defects in silicon single crystals studied by the photoconductivity method. V. S Vavilov, A. F Plotnikov, V. D. Tkachev. Fiz. tver. tela 4 no. 12, 3446-3454 D '62.

Studying the recombination of charge carriers in n-germanium doped with multiply charged impurities, taking the impurity photoconductivity as a basis [with summary in English]. K. D. Glinchuk, O. R. Miseliuk. Ukr. fiz. zhur. 7 no. 9, 992-1002 S '62.

PHOTOELECTRIC CELLS

Selenium-cadium FS-D-type photoresistors. B. T. Kolomiets, A. O. Olesk. Elektrichestvo no. 10 71-75 O '62.

PHOTOELECTRIC MEASUREMENTS

Comparative evaluation of methods of photoelectrometric determination of the concentration of spermatozoa F I Ostashko, B S. Ivivorons'kyi Visnyk silʹhosp. nauky 5 no 11 102-104 N '62

Photoelectric device for length measurements by counting interference bands V P Koronkevich, IU I Trulev Trudy inst Kom stand, mer i izm prib no 17 155-158 '61

Photoelectric microscopes. E. M. Feklistov. Izm. tekh. no. 12, 50-55 D '62.

PHOTOELECTRIC MULTIPLIERS

Characteristics of photoelectronic multipliers with multi-alkali photocathodes. B. M. Glukhovskoi, L. G. Letteizen. Izv. AN SSSR. Ser. fiz. 26 no. 11 1386-1389 N '62.

The effect of dynamic fatigue of photocathodes. V. G. Polʹskii. Izv. AN SSSR. Ser. fiz. 26 no. 11, 1306-1308 N '62.

Emission of charged particles from various substances when hit by grains of sand. A. I. Akishin, IU. A. Doktorov. Izv. AN SSSR. Ser. fiz. 26 no. 11, 1435-1437 N '62.

Properties of photoelectronic multipliers with multi-alkali photocathodes. E. G. Kormakova. Izv. AN SSSR. Ser. fiz. 26 no. 11, 1365-1370 N '62.

Some technological and operational characteristics of secondary-electron multipliers of the open type. A. M. Tkutikov, M. F. Kuzʹmina, T. A. Tumareva. Izv. AN SSSR. Ser. fiz. 26 no. 11, 1390-1391 N '62.

Studying the elementary act of the X-ray photoeffect by analyzing the output pulse height distribution in a secondary-electron multiplier. V. N. Shchemelev, M. A. Rumsh. Fiz. tver. tela 4 no. 10, 2795-2801 O '62

Use of the electronic system of the FEU-34 photomultiplier as an amplifier of weak ionic currents. A. V. Fedynskii. Trudy TSAO no. 42, 92-94 '62.

PHOTOELECTRICITY

Emission properties of multi-alkali photocathodes sensitized by oxygen. V. S. Guseĭnikov, A. N. Khokhlova. Izv. AN SSSR. Ser. fiz. 26 no. 11, 1382-1385 N '62.

High-voltage photo-emf in "monocrystal" films of cadmium telluride F. T. Navik. Fiz. tver. tela 4 no. 11, 3334-3336 N '62

Isoopacity of amorphous selenium films containing sulphur. V. M. Fridkin, IU. N. Barulin. Fiz. tver tela 4 no. 10, 2978-2979 O '62.

Long-wave photosensitivity and infrared luminescence of cadmium sulfide single crystals. V. V. Serdiuk. Fiz. tver. tela 4 no. 10, 2802-2805 O '62.

On the theory of the volume photo-emf in semiconductors. N. F. Kovtoniuk, D. T. Kokorev. Izv. vys. uchob. zav., fiz. no. 5, 121-123 '62.

Relation between luminescent and photoelectric phenomena in ZnS-Mn. N. A. Tolstoi and others. Fiz. tver. tela 4 no. 11, 3177-3184 N '62.

Some possibilities for raising the sensitivity of multi-alkali photocathodes by optical means. A. S. Shefov, G. A. Lisina. Izv. AN SSSR. Ser. fiz. 26 no. 11, 1302-1305 N '62.

Study of the long-wave self-absorption edge of a antimony-cesium photocathode. I. S. Gorbanʹ. Izv. AN SSSR. Ser. fiz. 26 no. 11, 1376-1382 N '62.

Studying the optical functions of the excitation of sodium by the photoelectric method. I. P. Zapesochnyi, L. L. Shimon. Opt. i spektr. 13 no. 5, 621-625 N '62.

Theory of electrooptical phenomena in the critical region [with summary in English]. Ukr. fiz. zhur. 7 no. 7, 720-723 Jl '62.

Using the laws governing the X-ray photoelectric effect in a solid photocathode in determining the yields of "K"-fluorescence of the elements composing the photocathode [with summary in English]. M. A. Rumsh, V. N. Shchemelev. Vest. LGU 17 no. 22, 63-71 '62.

PHOTOENGRAVING

Preparation of text diapositives for intaglio and offset printing. N. D. Matveev, D. E. Edelʹtzon Poligr. proizv. no. 12, 16-17 D '62.

PHOTOGRAPHIC EMULSIONS

Gold sensitizing of the Lippman emulsion. L. P. Molʹnichuk, Zh. L. Broun. Zhur. nauch. i prikl. fot i kin. 7 no. 6, 465-467 N-D '62.

Theory of the sensitivity of ionographic emulsions. S. V. Izmailov. Zhur. nauch. i prikl fot i kin. 7 no. 6, 433-443 N-D '62

PHOTOGRAPHIC EMULSIONS—TESTING

Using the photographic layer for detecting dyes N M Ziuskin Zhur. nauch. i prikl. fot i kin 7 no. 6, 460-461 N-D '62

PHOTOGRAPHIC INTERPRETATION—CONGRESSES

Fighth All-Union Interdepartmental Conference on Problems of the Theory and Practice of the Interpretation of Aerial Photographs Z I Tolmacheva, A D Uspenskaia Geod. i kart. no 3, 63-68 Mr '62

PHOTOGRAPHIC OPTICS

Correcting the astigmatism of a nonspherical cap for a specific field angle. Lu Han-min. Izv. vys. ucheb. zav., prib. 5 no. 6, 96-100 '62.

Establishing an air gap for setting a diaphragm in some designs of photographic objectives. P. D Ivanov. Izv. vys. ucheb. zav., prib 5 no. 6, 85-95 '62.

Urmakher, L. S [Optics of photographic and aerial photogrammetric instruments] Optika fotograficheskikh i aerofotogrammetricheskikh priborov. [n. p.] Izd-vo geodez. lit-ry, 1962 215 p

PHOTOGRAPHIC SENSITOMETRY

Discussion on the sensitivity criterion of all-purpose photographic materials IU N. Gorokhovskii, N. S. Ovechkis. Zhur nauch i prikl fot. i kin 7 no. 6 472-474 N-D '62

High-resolving power photographic plates produced by the All-Union Scientific Research Institute of Meteorology for purposes of instrumentation. V. A. Korndorf, I. A. Chernyi. Trudy inst. Kom. stand., mer i izm. prib. no 56 124-127 '61.

Investigating the sensitivity of "Roentgen-X" and "Roentgen-XX" films to electrons. K K. Aglintsev, V V Smirnov, M. N Chubarov. Zhur nauch. i prikl fot. i kin 7 no 6, 441-446 N-D '62.

Photometric equivalent of the developed silver of technical photographic films. T. G Ovechkina, A. D Vinogradova, V. I. Sheberstov Zhur. nauch i prikl. fot. i kin. 7 no 6 467-469 N-D '62

Theory of the sensitivity of ionographic emulsions. S. V Izmailov. Zhur. nauch i prikl fot i kin. 7 no 6 433-443 N-D '62.

PHOTOGRAPHIC SHUTTERS see Shutters, Photographic

PHOTOGRAPHIC SURVEYING—EQUIPMENT AND SUPPLIES

Comparison of the accuracy of tracing the relief of flat plain areas on the STD-2 and the SPR-2. A. M. Maryinov. Geod. i kart. no. 10, 34-36 O '62.

PHOTOGRAPHY

Geodakov, A. I. [Zincography] TSinkografiia. Moskva, Izd-vo "Iskusstvo," 1962. 309 p

PHOTOGRAPHY—APPARATUS AND SUPPLIES

Resolving power of some black-white and color photographic materials as a function of the lens aperture. V. A. Korndorf, I. A. Chernyi. Trudy inst. Kom. stand., mer i izm. prib. no. 56, 118-123 '61.

PHOTOGRAPHY—DEVELOPING AND DEVELOPERS

Effect of stannous chloride on infective development. K. V. Vendrovskii, A A Trubnikova, B A Shashlov Zhur. nauch. i prikl fot i kin 7 no 6 470-471 N-D '62.

Nature of the induction period of the developing process. V. A. Veidenbakh Zhur. nauch i prikl fot i kin. 7 no 6, 463-464 N-D '62

PHOTOGRAPHY—DICTIONARIES

Pererva, V. M., comp. [German-Russian dictionary of motion-picture and photographic technology] Nemetsko-russkii slovarʹ po kinofototekhniko. Pod obshchei red. V. G. Pekila. Red. I. N. Aleksander, V. V. Rakovskii. Moskva, Glav. red. inostr. nauchno-tekhn. slovarei Fizmatgiza, 1962. 583 p.

PHOTOGRAPHY—EQUIPMENT AND SUPPLIES

Stencil for cutting a photographic film. Nauka i zhizn' 29 no. 10, 67 O '62

PHOTOGRAPHY—NEGATIVES

Economic efficiency of the method of reduced negative retouching. A. P. Bagratuni. Geod. i kart. no. 10, 52-55 O '62.

PHOTOGRAPHY—PLATES

High-resolving power photographic plates produced by the All-Union Scientific Research Institute of Meteorology for purposes of instrumentation. V. A. Korndorf, I. A. Chernyi. Trudy inst. Kom. stand., mer i izm. prib. no. 56, 124-127 '61.

PHOTOGRAPHY—SCIENTIFIC APPLICATIONS

Use of a channeled air impact wave for lighting in high speed photographic recording. V. A. Odintsov, V. S. Solovʹev. Zhur. nauch. i prikl fot. i kin. 7 no. 6, 454-455 N-D '62.

PHOTOGRAPHY—TECHNOLOGICAL INNOVATIONS

Russia (1923- U. S. S. R.) Komitet po delam izobretenii i otkrytii. [Inventions; motion pictures, photography, optics] Sbornik izobretenii; kino, foto, optika. Moskva, TSentr. biuro tekhn. informatsii, 1962. 146 p. (Sborniki otechestvennykh izobretenii)

Errors caused by the wedge shape of filters. M.D. Konshin. Geod.i kart. no.10 21-28 O '62.

PHOTOGRAPHY, HIGH SPEED

Third Conference on High Speed Still and Motion-Picture Photography. V.G. Pelt'. Zhur.nauch.i prikl.fot.i kin. 7 no.6 474-476 N-D '62

Use of a channeled air impact wave for lighting in high speed photographic recording. V.A. Odintsov, V.S. Solov'ev. Zhur.nauch.i prikl.fot.i kin. 7 no.6 451-455 N-D '62

PHOTOGRAPHY, SUBMARINE see subdivision under Novorossiysk

PHOTOMECHANICAL PROCESSES

Duplication of drawings without copying. L.N. Egorov, N.A. Vladimirov. Standartizatsiia 26 no.11 56 N '62.

PHOTOMETRY

Addition method in photocolorimetry [with summary in English]. L.P. Adamovich. Zhur.anal.khim. 17 no.9:912-916 N '62

Apparatus for checking selenium luxmeters. T.N. Andreeva, S.P. Skachkova. Trudy inst.Kom.stand., mer i izm.prib. no.56:50-55 '61.

Automatic framewise operating photometer for "Aska" films. Iu.A. Nadubovich. Trudy IAF AN SSSR Ser.fiz. no.4:20-34 '62.

Conditions for the photometric determination of magnesium as adsorption colored compounds [with summary in English]. A.K. Babko, N.V. Lutokhina. Zhur.anal.khim. 17 no.8:922-925 N '62

Experimental determination of the light equivalent of radiant intensity. V.E. Kartashevskaia. Trudy inst. Kom.stand., mer i izm.prib. no.56:36-46 '61.

Extraction-photometric determination of boron in beryllium oxide [with summary in English]. Z.K. Koralova, A.A. Nemodruk. Zhur.anal.khim. 17 no.8:905-909 N '62.

Extraction-photometric determination of perchlorates in the presence of chlorates [with summary in English] V.A. Golosnitskaia, V.I. Petrashen'. Zhur.anal.khim. 17 no.7:878-882 O '62.

A method for measuring radiant intensity in a beam of small cross section. V.E. Kartashevskaia. Trudy inst.Kom.stand., mer i izm.prib. no.56:17-58 '61.

Production of a glass colophony scale. I.S. Gromova, E.N. Iustova. Trudy inst.Kom.stand., mer i izm. prib. no.56:108-112 '61.

Tikhodeev, P.M. [Measurement of light in lighting engineering, photometry] Svetovye izmerenila v svetotekhnike; fotometriia. Izd.2., perer. Moskva, Gosenergoizdat, 1962. 463 p.

[MICROFILM]

PHOTOMICROGRAPHY

Near-the-threshold spectral sensitivity region of silver-oxygen-cesium photocathodes and its relation to the structure of the photosensitive film. N.A. Soboleva, A.S. Shefov, V.N. Tolmasova. Izv.AN SSSR.Ser.fiz. 26 no.11:1370-1376 N '62.

PHOTONS

Electron-photon showers generated by high-energy μ-mesons [with summary in English]. E.V. Gedalin. Zhur.eksp.i teor.fiz. 43 no.5:1607-1700 N '62.

PHOTONUCLEAR REACTIONS

Emission of fast deuterons in the photodisintegration of O^{18} [with summary in English]. A.P. Komar and others. Zhur.eksp.i teor.fiz. 43 no.5:1657-1659 N '62.

Giant resonance on strongly deformed heavy nuclei. L. Miunkhov. Vest.Mosk.un.Ser.3:Fiz., astron. 17 no.6:37-44 N-D '62.

A method for studying the optical anisotropy and surface forms of atomic nuclei [with summary in English]. L.E. Lazareva, B.A. Tulupov. Zhur.eksp.i teor.fiz. 43 no.5:1910-1913 N '62.

PHOTOPERIODISM

Effect of aeration conditions on the photoperiodic reaction in plants [with summary in English]. M.Kh. Chailakhian, T.N. Konstantinova. Fiziol.rast. 9 no.5: 693-702 '62.

Specific characteristics of the photoperiodic reaction of organisms to short and long days [with summary in English]. E.E. Krastina, I.I. Gunar. Izv.TSKHA no.4:53-63 '62.

PHOTOSYNTHESIS

Photosynthesis of grapes in Gornyy Shirvan [in Azerbaijani with summary in Russian]. R.M. Mekhtizade. Trudy Azerb.nauch.-issl.inst.sad., vin.i subtrop. kul't. no.5:55-66 '62.

Seasonal variability of the biochemical activity of secretions from aspen leaves. M.V. Kolesnichenko. Fiziol. rast. 9 no.6:733-735 '62.

PHTHALAN

Captan and phthalan in the control of the gray mold of strawberries. N.M. Golyshin. Zashch.rast.ot vred. i bol. 7 no.6:36-37 Je '62.

Temperature effect on the phosphorescence of phthalic acid in alums [with summary in English]. G.M. Kliatlak, K.M. Lysenko. Ukr.fiz.zhur. 7 no.12 1314-1317 D '62.

PHTHALIMIDE

Reaction of ferroceneboronic acids with copper phthalimide. A.N. Nesmeianov and others. Izv.AN SSSR Otd.khim.nauk no.11:2073-2074 N '62

PHTHALOCYANINE

Some properties of platinum and palladium phthalocyanines. B.D. Berezin. Zhur.neorg.khim. 7 no.11 2500-2506 N '62

Thermodynamic characteristics of phthalocyanines in sulfuric acid solutions. B.D. Berezin. Zhur.neorg. khim. 7 no.11 2507-2513 N '62

PHTHALOCYANINE—SPECTRA

Infrared spectra of phthalocyanines. Part 3. Interaction of sublimated films of phthalocyanines with water vapors. A.N. Sidorov. Opt.i spektr. 13 no.5: 668-672 N '62

PHYLLOSTICTA see subdivision under Crimea

PHYLLOXERA see subdivision under Krasnodar Territory

PHYSICAL EDUCATION AND TRAINING
(see also subdivision under Armenia, Georgia)

Beacons of the physical education movement. A.A. Volkov. Teor.i prak.fiz.kul't. 25 no.9:10-15 S '62.

Effect of physical education on a decrease of morbidity in young children [with summary in English]. M.I. Fanarev. Pediatriia no.7:11-15 '62.

Effect of physical exercises on the work capacity of students in manual training classes. K.P. Subbotina, L.M. Burachevskii, G.K. Karpovskii. Teor.i prak. fiz.kul't. 25 no.10 44-48 O '62.

In the new school year. Teor.i prak.fiz.kul't. 25 no.9 2-5 S '62

Influence of active games and physical exercise on the physical development of the youngest students in a boarding school [with summary in English]. A.A. Gushalovskii. Pediatriia no.7 26-29 '62.

Korlakovskii, I.M., ed. [Theory of physical education] Teoriia fizicheskogo vospitaniia. Moskva, Fizkul'tura i sport, 1961. 270 p.

More attention to physical education in schools. Teor. i prak.fiz.kul't. 25 no.10 1-5 O '62.

Most important measures of the Communist Party on the development of physical education and sports of the country. N.V. Pecherskii. Teor.i prak.fiz.kul't. 25 no.9 14-48 S '62

Physical preparation of junior-rank male gymnasts during training exercises. A.M. Shlemin. Teor.i prak. fiz.kul't. 25 no.10 51-55 O '62.

Plenum of the commission on the history and organization of physical education. F.I. Samoukov. Teor.i prak.fiz.kul't. 25 no.10 75-76 O '62.

Public commission on physical education and health for the masses. Teor.i prak.fiz.kul't. 25 no.10:73-74 O '62

Soiuz sportivnykh obshchestv i organizatsii SSSR. TSentral'nyi sovet. Otdel propagandy. [All-Union physical-culture organization "Ready for labor and the defense of the U.S.S.R."] Vsesoiuznyi fizkul'turnyi kompleks "Gotov k trudu i oborone SSSR": lektsiia. 2, izd. Moskva, 1959. 22 p.

[MICROFILM]

Sphygmography as a method for determining the training level of an athlete. V.E. Vasil'eva. Teor.i prak.fiz. kul't. 25 no.9:58-62 S '62

Stolbov, V.V., and L.G. Chudinov. [History of physical culture] Istoriia fizicheskoi kul'tury. Moskva, Izd-vo "Fizkul'tura i sport," 1962. 206 p.

Universal character of physical education. A.A. Frenkin. Teor.i prak.fiz.kul't. 25 no.9:6-10 S '62.

PHYSICAL EDUCATION AND TRAINING—DICTIONARIES

[Encyclopedic dictionary on physical education and sports; in three volumes] Entsiklopedicheskii slovar' po fizicheskoi kul'ture i sportu v trekh tomakh. Moskva, Fizkul'tura i sport.

Vol. 2. [Touring clubs-rucksack] Klub turistov-riukzak. 1962. 387 p.

PHYSICAL EDUCATION AND TRAINING—RESEARCH

Conference of young scientists of the Central Research Institute of Physical Education. A.A. IAnchevskii. Teor.i prak.fiz.kul't. 25 no.9:77 S '62.

Measures for improving the selection and preparation of research and teaching personnel in physical education and sports. Teor.i prak.fiz.kul't. 25 no.9:71-73 S '62.

Results of the contest for the best study on physical education and sports written by a student. B.A. Sitotkina. Teor.i prak.fiz.kul't. 25 no.9:78-79 S '62.

Scientific basis for the physical education of students. V.E. Nagornyi. Teor.i prak.fiz.kul't. 25 no.8:40-42 S '62.

Age changes in the strength of legs. D.P. Il'in. Dokl. APN 6 no.4 115-116 '62

Sequential development of study material in physical education in the school. V.P. Goludev. Teor.i prak. fiz.kul't. 25 no.9 20-23 S '62

PHYSICAL FITNESS

Some medical indices of recruiting in Russia. I.I. Fandeev. Sov.zdrav. 21 no.12:70-71 '62.

PHYSICAL GEOGRAPHY see subdivision under Azerbaijan, Europe, Western, Siberia, Western

PHYSICAL INSTRUMENTS

Inculcating technical creativeness in students of grades 6-8. M.I. Tul'chinskii. Fiz.v shkole 22 no.5:10-13 S-O '62

PHYSICAL METALLURGY

Geguzin, IA.E. [Macroscopic defects in metals] Makroskopicheskie defekty v metallakh. Moskva, Metallurgizdat, 1962. 252 p.

PHYSICS

Levich, V.G. [Course in theoretical physics] Kurs teoreticheskoi fiziki. Moskva, Fizmatgiz.

Vol. 1. [Electromagnetic field theory. Relativity theory. Statistical physics] Teoriia elektromagnitnogo polia. Teoriia otnositel'nosti. Statisticheskaia fizika. 1962. 695 p.

Nekrasov, A.I. [Collected works] Sobranie sochinenii. Moskva, Izd-vo Akad. nauk SSSR,

Vol. 2. 1962. 706 p.

Present-day problems in physics and astronomy. IA.P. Zel'dovich. Usp.fiz.nauk 78 no.4:549-570 D '62

PHYSICS—AUDIO-VISUAL AIDS

Annotated list of physical apparatus that need to be developed. Fiz.v shkole 22 no.5:71-78 S-O '62

PHYSICS—COMPETITIONS

The 23d Olympiad of Physics at the Physics Faculty of Moscow University in 1962. B.B. Bukhovtsev, V.V. Kerzhentsev, G.IA. Miakishev. Fiz.v shkole 22 no.5:102-104 S-O '62.

PHYSICS—CONGRESSES

The 1962 conference of the Moscow Engineering and Physical Institute. Atom.energ. 13 no.6:593 D '62

PHYSICS—EXPERIMENTS

Equipment for experiments on the kinematics of rectilinear movement. A.M. Myshliaev. Fiz.v shkole 22 no.5:63-64 S-O '62.

PHYSICS—JUVENILE LITERATURE

"Inevitability of the strange world" by D. Danin. Reviewed by M.A. Korets. Priroda 51 no.12:115-118 D '62.

PHYSICS—PROBLEMS, EXERCISES, ETC.

Qualitative problems. G. Miakishev. Nauka i zhizn' 29 no.10:88 O '62.

"Sample problems from competitive examinations." Nauka i zhizn' 29 no.10:110-112 O '62.

Teregulov, M.Kh. [Problems and questions in physics; a manual for applicants to schools of higher education] Sbornik zadach i voprosov po fizike; posobie dlia postupaiushchikh v vysshie uchebnye zavedeniia. Moskva, Gos. izd-vo "Vysshaia shkola," 1962. 240 p.

Use of problem drawings in measuring the knowledge of students. Z.S. Morzliakova. Fiz.v shkole 22 no.5, 97-99 S-O '62.

PHYSICS—STUDY AND TEACHING

Acquainting students with the science of colors. O.V. Popov. Fiz.v shkole 22 no.5:86-90 S-O '62.

Demonstration of Quincke's experiment in a large auditorium. B.Sh. Perkal'skii. Izv.vys.uchebn.zav., fiz. no.5:180 '62.

Determining the velocity of light in physics classwork. IA.A. Kraftmakher. Izv.vys.uchebn.zav.,fiz. no.5: 65-70 '62.

For a close connection between the teaching of physics and mathematics. A.A. Multanovskaia, V.V. Muitanovskii. Fiz.v shkole 22 no.5:93-97 S-O '62.

Lecture demonstration of adiabatic processes. V.A. Kozhatkin, I.A. IAkovlev. Izv.vys.uchebn.zav.,fiz. no.5:179 '62.

Let's broaden the discussion of present-day achievements of Soviet science and technology during the teaching of physics. Fiz.v shkole 22 no.5:1-3 S-O '62.

Let's improve the quality of students' knowledge of physics. D.E. Evenchik, A.S. Enokhovich, S.IA. Frumash. Fiz.v shkole 22 no.5:38-42 S-O '62

Liventsev, N.M. [Methodological textbook for the arrangement of practical work in a physics class] Use of a dosimeter in studying X-ray absorption by various substances] Metodicheskoe posobie dlia postanovki i vypolneniia v fizicheskom praktikume raboty Issledovanie pogloshcheniia rentgenovskogo izlucheniia razlichnymi veshchestvami s pomoshch'iu dozimetra. Moskva, Pervyi MOLMI, 1961. 17 p.

[MICROFILM]

...ple and place of mathematics in a physics course for senior grades. I.I Logvinov. Dokl APN 6 no 1 39-41 '62.

...udy of natural oscillations in the physics course ... IA. Zorina Fiz. v shkole 22 no 5:99-101 S-O '62

...udy of reciprocal phenomena and concepts P M. Erdniev. Fiz. v shkole 22 no 5,42-44 S-O '62

...udying the great program of the development of communism in the process of teaching physics A L. Egorov. Fiz. v shkole 22 no 5 22-27 S-O '62

...stematization of knowledge during the teaching of physics in the schools for working youth S. M Bonfel'd Fiz. v shkole 22 no. 5:91-93 S-O '62.

PHYSICS—TABLES, ETC.

...ovdiltelev, A S., and others. [Tables of the thermodynamic functions of air for temperatures from 200° to 6000°K and pressures from 0.00001 to 100 atm.] Tablitsy termodinamicheskikh funktsii vozdukha; dlia temperatur ot 200 do 6000° K i davlenii ot 0,00001 do 100 atmosfer. Moskva, Akad. nauk SSSR. Vychislitel'nyi tsentr, 1962. 207 p.

PHYSICS—TEXTBOOKS

...ontents and structure of a new textbook for senior grades. A. M. Myshliaev, V Serebrennikov Fiz v shkole 22 no. 5 60-62 S-O '62

PHYSIOLOGICAL APPARATUS

...or table myotonometer V G Petrenko. Pediatriia 1... 7:80-83 '62.

...Use of Hall's e.m.f. transducer in a physiological experiment [with summary in English]. A. P. Kozlagin, IU. A. Labas, A. S. Mirkin. Biul. eksp. biol. i med. 54 no. 11:114-118 N '62.

PHYSIOLOGICAL DATA TRANSMISSION see Telemeter (Physiological apparatus)

PHYSIOLOGICAL OXIDATION see Oxidation, Physiological

PHYSIOLOGY

...kademiia nauk Gruzinskoi SSR, Tiflis. [Contemporary problems of morphology, physiology and pathology; collection of papers dedicated to the 90th anniversary of Vladimir Vasil'evich Voronin's birth] Sovremennye problemy morfologii, fiziologii i patologii; sbornik trudov, posviashchennyi Vladimiru Vasil'evichu Voroninu v sviazi s 90-letiem so dnia rozhdeniia. Tbilisi, Izd-vo nauk Gruzinskoi SSR, 1962. 265 p. [With summaries in English]

"Essays on the clinical physiology of blood circulation" by V V Parin and F. Z Meerson Reviewed by A T. Lidskii. Khirurgiia 38 no 10,136-138 O '62.

...Konferentsiia po metodam fiziologicheskikh issledovanii cheloveka. [Materials of the Conference on Methods for the Physiological Study of Man] Materialy. Pod red. A. A. Letaveta, V S Farfelia. Moskva, In-t gigieny truda i profzabolevanii AMN SSSR, 1962. 207 p.

PHYSIOLOGY, PATHOLOGICAL

...Akademiia nauk Gruzinskoi SSR, Tiflis. [Contemporary problems of morphology, physiology and pathology; collection of papers dedicated to the 90th anniversary of Vladimir Vasil'evich Voronin's birth] Sovremennye problemy morfologii, fiziologii i patologii; sbornik trudov, posviashchennyi Vladimiru Vasil'evichu Voroninu v sviazi s 90-letiem so dnia rozhdeniia. Tbilisi, Izd-vo nauk Gruzinskoi SSR, 1962. 265 p. [With summaries in English]

...Irkutsk, Gosudarstvennyi meditsinskii institut. [Materials on the influence of physical, chemical and biological factors on the animal and human organism] Materialy o vliianii fizicheskikh, khimicheskikh i biologicheskikh faktorov na organizm zhivotnykh i cheloveka, Irkutsk, 1961. 317 p.
(DNLM)

PHYSIOLOGY, VETERINARY see Veterinary physiology

PHYTONCIDES

Effect of onion and garlic phytoncides on the phagocytic activity of leucocytes [in Azerbaijani with summary in Russian]. G. A. Guseinov, R. A. Nasirova. Uch. zap. AGU, Biol. ser. no. 6:49-53 '60.

Use of hemp phytoncides in controlling pine fusariosis [with summary in English] N. A. Vysots'kyi. Mikrobiol zhur. 24 no 2:65-66 '62.

PHYTOPATHOGENIC BACTERIA see Bacteria, Phytopathogenic

PHYTOPHTHORA

Possibility of the conservation of Phytophthora infestans de Bary in the tubers, plant residues and soil [with summary in English]. L. I. Pshedetskaia, N. P. Cherepinova. Uch. zap. LGU no. 313:49-57 '62.

Taxonomic position of the genus Phytophthora. N. F. IUrova. Bot. zhur. 47 no. 10:1400-1603 O '63.

Wintering of the potato and tomato late blight, N. F. IUrova. Zashch. rast. ot vred. i bol. 5 no. 2:20-31 F '60.

PHYTOPLANKTON see subdivision under Atlantic Ocean; Gorkiy Reservoir; Idian Ocean; Kola Peninsula; Kurile Straits; Kuybyshev Reservoir; Pacific Ocean

PHYTOSOCIOLOGY

Agronomic origin of phytosociology. Report No. 2. G. I. Dokhman, P. E Porokhovnik Bot zhur 47 no. 10:1531-1541 O '62.

Composition of some formations and series. B. A. Bykov. Trudy Inst bot. AN Kazakh. SSR 13:3-27 '62.

PIA MATER—INNERVATION

Changes in the interoceptors of the pia mater and the disorders of cerebral circulation in the genesis of a spasm syndrome. Report No. 1. Changes in the neural apparatus of the pia mater in epilepsy. A. A Khachaturian. Trudy Gos nauch.-issl. inst. psikh. 25: 678-703 '61

Changes in the interoceptors of the pia mater and the disorders of cerebral circulation in the genesis of a spasm syndrome. Report No. 2: Change in the neural apparatus of the pia mater in experimental studies of a spastic seizure. A. A. Khachaturian. Trudy Gos. nauch.-issl. inst psikh 25 701-707 '61.

PIANISTS see subdivision under Paris

PIANO—COMPETITIONS see subdivision under Rio de Janeiro

PICTURE POST-CARDS see Postal cards

PIECEWORK

...Akademiia stroitel'stva i arkhitektury SSSR. Institut ekonomiki stroitel'stva. TSentral'noe normativno-issledovatel'skoe biuro. [Recommendations on the development and utilization of standard calculations for piecework assignments in construction of apartment houses according to standard plans] Rekomendatsii po razrabotke i primeneniiu tipovykh kal'kuliatsii dlia akkordnykh narIadov pri stroitel'stve zhilykh zdanii po tipovym proektam. Moskva, Gosstroiizdat, 1962. 120 p.

PIEZOELECTRIC SUBSTANCES—OPTICAL PROPERTIES

...Gudkov, A.S. [How to search for piezooptical mineral resources] Kak iskat' p'ezoopticheskoe mineral'noe syr'e. Izd. 2. Moskva, Gosgeoltekhizdat, 1962. 39 p. (Bibliotechka iskatelia poleznykh iskopaemykh)

PIGMENTS

(see also subdivision under Uzbekistan)

Role of the pigmentation of the wool cover in the protection of the organism against excessive ultraviolet radiation [with summary in English] V. Flak Izv. TSKHA no. 4:228-232 '62

PIGMENTS—CONGRESSES

Conference on Pigments for the Paint and Varnish Industry. A. A Belovitskii, P. V Serb-Serbin, D IA. Gershman Zhur VKHO 7 no. 6:684-686 '62.

PIKAS see subdivision under Komi A. S. S. R.

PIKAS—DISEASES AND PESTS see subdivision under Mongolia

PILGRIMS AND PILGRIMAGES

...Federiw, George. [Holy places; diary of the Ukrainian pilgrimage from Canada to the Holy Land, August 8-27, 1960] Na sviatykh mistsiakh; dnevnykh ukrains'koho palomnytstva z Kanady do Sviatoi Zemli vid 8-ho do 27-ho serpnia 1960. Toronto, Ukrains'ke vyd-vo "Dobra knyzhka," 1962. 162 p. (no. 177)

PILING (CIVIL ENGINEERING)

Conical span reinforced concrete piles. B. I. Remizov. Transp. stroi. 12 no. 11:56 N '62.

Installation of pile foundations. G. Aizenberg. Sel'. stroi. no. 11, 11-12 N '62.

PINE

(see also subdivision under Azarbaijan; Boyarka region; Dnieper Valley, Gorkiy Province; Transbaikalia; Ukraine; White Russia)

Effect of dry disinfectants on germination in pines. G. V. Stadnitskii. Zashch. rast. ot vred. i bol. 7 no. 4: 57 Ap '62.

Effect of microelements on the germination of pine and spruce seeds and on the growth of seedlings [with summaries in German and Russian]. V. Kaposts. Izv. AN Latv. SSR no 3:111-116 '61.

Interaction of pine and perennial lupine root systems in joint growths V K. Podzharov. Shor. nauch. trud. BLTI no. 11:77-85 '58.

PINE—DISEASES AND PESTS

Laboratory studies on the pine red heart rot. V. M. Bratun', T. S. Kyrylenko. Nauk. pratsi Ilichosp. fak. UASHN 16 no. 3:100-104 '60.

Use of hemp phytoncides in controlling pine fusariosis [with summary in English]. N. A Vysots'kyi. Mikrobiol zhur. 24 no. 2:65-66 '62.

PINE BREEDING see subdivision under Czechoslovakia

PINES, LEV IAKOVLEVICH, 1905-1951

Lev IAkovlevich Pines and his contribution to nauromorphology. A. S. Iontov, A. G. Knorre, G Z. Lovin. Trudy Gos. nauch.-issl. psikhonevr. inst. 28:11-44 '62.

PINK BOLLWORM see subdivision under Afghanistan

(see also subdivision under Moscow)

[Committees of Pioneer organizations] Sovet pionerskoi organizatsii, iz opyta raboty. [Moskva] Molodaia gvardiia, 1961. 62 p.

...Khanchin, V. S., comp. [Directives and documents on problems of the Pioneer movement] Direktivy i dokumenty po voprosam pionerskogo dvizheniia. Izd. 2., dop. Moskva, Akad. pedagog. nauk RSFSR, 1962. 350 p. (Uchiteliu o pionerskoi rabote)
(MH)

Meeting in the "Artek" camp IUn tekh 7 no 11:62-65 N '62

[Pioneer's library] Bibliotechka pionera; vstup. Kyiv, Dytvydav, 1962. 7 p

Second All-Union Congress of Pioneers. S. Demenkova. Rad. shk. 41 no. 9:96 S '62.

...Taborko, V. A., and E. N. Orlova. [Troop works the whole year round] Druzhina rabotaet kruglyi god. Moskva, Izd-vo Akad. pedagog. nauk RSFSR, 1962. 102 p (Uchiteliu o pionerskoi rabote)

PIONEERS (COMMUNIST YOUTH)—BIBLIOGRAPHY see Bibliography—Pioneers (Communist Youth)

PIOTROVSKII, ADRIAN IVANOVICH, 1893-1937

A tale on Adrian Piotrovskii written by several people. Grigorii Kozintsev and others Isk. kino no 12:40-63 D '62.

PIPE

Using schematic models of underground piping. IU. S. Derulenenko. Vod. i san. tekh. no. 10:31 O '62.

PIPE—CLEANING

Device for cleaning the inside surface of pipes. A. V. Liutov. Vod. i san. tekh. no. 10:31-33 O '62.

PIPE—EXHIBITIONS

The second international exhibition and conference on pipes, pipelines, pumps and shut-off control devices V. M. Orlov. Mont i spets. rab v stroi 24 no 11 27-31 N '62.

PIPE—HYDRODYNAMICS

Calculations for the loss of head due to friction in a horizontal spoil line L S Zhivotovskii and others Gidr stroi. 33 no 10:45-49 O '62

Steady viscous-fluid flow in a flat circular pipe of finite length. A. I. Leonov. Izv. AN SSSR. Otd. tekh. nauk. Mekh. i mashinostr. no. 6:56-64 N-D '62.

PIPE—WELDING

Small-size equipment for the automatic welding of pipe. M. M. Chernomorskii. Svar. proizv. no. 11:35-36 N '62.

PIPE, ALUMINUM

Still another advantage of aluminum drill pipes. O. Pechorin Neftianik 7 no. 5 17 My '62.

PIPE, CAST IRON—CORROSION

Effect of composition and structure of iron-carbon alloys on corrosion in concentrated sulfuric action in conditions of flow. V. M. Novakovskii, E. F. Lapshina, M. Sh. Blokh [Trudy] UNIKHIM no. 9:101-113 '61

PIPE, CONCRETE

Some problems of the manufacture of sections of culverts A F Zhukov Transp. stroi 12 no 10 43-46 O '62

PIPE, PLASTIC

Fuel lines from plastic materials. N. Kats. Sel'. mekh no. 10:41 '62.

Hydraulic calculations for plastic pipelines. M. IA. Ruzin. Vod i san. tekh. no 9:1-5 '62.

Using polyethylene pipes for automatic control systems. D. M. Vainshtein, G. I. Dvorokovskii, N. P. Makin. Mont. i spets. rab. v stroi. 24 no. 12:11-12 D '62.

PIPE, STEEL

Everlasting pipes. Petro Karakash. Ukraina no. 20:4 O '62.

PIPE, STEEL—WELDING see subdivision under Great Britain

PIPE, WOODEN

Slime conduit made of plywood pipes. A. S. Kovtun. Gidroliz. i lesokhim. prom. 15 no. 8 30 '62.

PIPE FITTING

A new method of joining thin-walled pipes. L S. Leasel'rot. Mont i spets. rab. v stroi. 24 no 11:26 27 N '62.

PIPE FITTING—EQUIPMENT AND SUPPLIES

Device for cutting in branch pipes. S I. Penkin. Vod i san. tekh. no 11 29 N '62.

PIPE FITTINGS—TESTING

Reciprocal effect of pipe bends in a system. V. D. Dmitriev. Vod. i san. tekh. no. 9, 28-31 '62

PIPE FLANGES

Device for fastening flanges on connection pipes. S. Penkin. Sel'. stroi. 16 no. 2:30 F '62.

Pneumatic blind flange for sheathing pipes. P. M. Makhinia. Vod. i san. tekh. no. 10:34 O '62.

PIPE JOINTS

Designs and manufacture of T-joints. R I Tavastsherna. Mont.i spets.rab.v stroi 24 no.12:13-16 D '62.

PIPE-LAYING MACHINERY—MAINTENANCE AND REPAIR

Efficient devices for repairing pipe-laying machinery V K. Zhukov. Stroi truboprov 7 no 11 18-20 N '62.

PIPE MILLS

(see also subdivision under Azerbaijan)

Characteristics of thin-walled pipe manufacture on cold-rolling mills IU F. Shevakin, F S Seidaliev. Izv.vys. ucheb zav , chern. met. 5 no.11 133-139 '62.

Principles of designing a mathematical model of the theory of mass servicing. G.A.Aliev, G.P.Klimov. Trudy Vych.tsentra AN Azerb.SSR 1:26-37 '62.

PIPE MILLS—TRANSMISSION DEVICES

Redesign of thrust bearing drives A I. Krisanov. Metallurg 7 no 12:25-27 D '62.

PIPELINES

Batenchuk, A. N. [Manufacture and assembly of industrial pipelines] Izgotovlenie i montazh tekhnologicheskikh truboprovodov. Moskva, Gosstroiizdat, 1962. 296 p.

Cleaning the interior of pipelines with spheres (from foreign periodicals) I I. Mikhitin, I. I Spiridonova. Stroi truboprov 7 no 11 28-29 N '62

Determining obligations in raising labor productivity in pipeline construction A P Sverdlov. Stroi truboprov 7 no 11 26 N '62.

The new IST$_3$ asphalt melter. V. P. Popov Stroi truboprov 7 no 11 27-28 N '62

New Letters" nos. 15 and 16 , Stroi truboprov 7 no 11 31 N '62

Non-freezing ice meter. V.A.Kudofarov, I.A.Belenkov. Vod.i san.tekh. no.10:35 O '62.

Recording the pressure of water hammer in a pipeline N. A. Gretsov, G. G. Pavlov. Izv. TSKHA no 4 236-239 '62.

Salukvadze, V. S. [Construction of main pipelines] Sooruzhenie magistral'nykh truboprovodov. Moskva, Gosstroiizdat, 1962. 246 p.

We are waiting for an improved insulating machine N. V. Lobanov. Stroi truboprov 7 no 11-25 N '62.

PIPELINES—BIBLIOGRAPHY see Bibliography—Pipelines

PIROGOV, NIKOLAI IVANOVICH, 1810-1881

"Nikolai Ivanovich Pirogov; a scientific biographic essay" by A M Geselevich and E.I Smirnov. Reviewed by B D Petrov. Khirurgiia 38 no.10,138-139 O '62

PISTON RINGS

Piston rings from ring pots. E. F. Bogatyrev. Lit. proizv. no.11:42 N '62.

PISTONS—DEFECTS

Methods of avoiding defects in cast iron engine pistons. IA. Sheresheveskii, A. Koshelev. Rech. transp. 21 no.12:29-30 D '62.

PITUITARY BODY

Content of the adrenocorticotropic hormone in the hypophysis of rats of different ages [with summary in English]. N. L. Blok. Biul eksp biol.i med. 54 no.11:26-29 N '62.

Effect of adrenaline and noradrenaline on the neurosecretory activity of the hypothalamiconeurohypophyseal system [with summary in English]. A. A. Galoian Vop.biokhim. 2,39-45 '61.

Effect of histamine on the neurosecretory activity of the hypothalamiconeurohypophyseal system [with summary in English]. A. A. Galoian. Vop.biokhim. 2 47-51 '61.

PLACENTA PREVIA see Labor, Complicated

PLACENTAL EXTRACTS

Biological activity of placental tissue extracts. V. B. Doroshkov. Zhivotnovodstvo 24 no.9:33-35 S '62

PLAGUE see subdivision under Mongolia

PLANE GEOMETRY see Geometry, Plane

PLANE TREE see subdivision under Tsav Valley

PLANETARIA

(see also subdivision under Gomel', Moscow)

School and a planetarium. N. K. Semakin. Fiz. v shkole 22 no.5:58-60 S-O '62.

PLANETS—CONGRESSES

Eleventh International Colloquy on Physics of the Planets. D. IA. Martynov. Vest. AN SSSR 32 no.12: 80-81 D '62.

PLANETS—FIGURE

Morphological formation of planets of the earth type. G. N. Katterfel'd. Geog. sbor. no.15:104-131 '62.

PLANKTON see subdivision under Pacific Ocean

PLANT BREEDING

Fasciation in plant breeding [with summary in English]. A. I. Filov. Trudy po prikl. bot., gen. i sel. 34 no.2: 81-91 '61.

PLANT COMMUNITIES

(see also subdivision under Bet-Pak-Dala)

Biological characteristics of Deschampsia caespitosa (L)P. B. in different plant communities [with summary in English]. V. A. Chizhikova. Vest LGU 17 no.21 31-41 '62.

PLANT CUTTINGS

Effect of pinching back and supplementary fertilizers on the yield of young patchouli plants. U. V. Volkhovskaia. Trudy Sukh.opyt.sta.efiromasl.kul't. no.3/4 71-77 '61.

Effect of the thickness of the sand layer on the rooting of rose pelargonium. U.V.Volkhovskaia. Trudy Sukh. opyt.sta.efiromasl.kul't no.3/4:29-31 '61.

Propagation by cuttings using a polyethylene film. K. H. Shumaieva. Nauk.pratsi lisohosp.fak.UASHN 16 no.8 87-89 '60.

Propagation of geranium by cuttings consisting of axillary shoots together with a small section of the main stem and by cuttings of the middle part of the stem. T. L. Kuchuloria, O. I. Azarevich. Trudy Sukh. opyt.sta.efiromasl kul't. no.3/4:15-24 '61.

Rooting of rose pelargonium cuttings in sawdust [in Georgian with summary in Russian]. A. A. Pochukha. Trudy Sukh.opyt.sta.efiromasl.kul't. no.3/4 25-28 '61.

PLANT DISEASES

Content of carbohydrates in the leaves of sick and healthy plants [in Azerbaijani with summary in Russian] A. Kh Tagi-Zade, Kh. A. Ismailov. Uch. zap AGU Biol. ser no.6:45-47 '60.

PLANT DISEASES—DICTIONARIES

"Dictionary-handbook for the plant pathologist " Reviewed by K. S. Mushnikova. Zashch. rast. ot vred. i bol 6 no.8:60-61 Ag '61.

PLANT PHYSIOLOGY

Automatism in live nature and plant moisture from the viewpoint of cybernetics [with summary in English]. V. G. Nesterov. Izv. TSKHA no.4:31-52 '62.

Morphogenesis and plant protection. I. Sh. Zashch. rast. ot vred. i bol. 5 no.2,62-63 F '60

Some characteristics of phasic development of biennial root crops [with summary in English] T. V Oleinikova Trudy po prikl bot., gen i sel. 34 no 2 64-68 '61

PLANT PHYSIOLOGY—STUDY AND TEACHING

Four experiments on plant physiology. N. N. Skvortsov. Biol. v shkole no.4 92-93 Jl-Ag '62.

PLANT QUARANTINE

(see also subdivision under Maritime Territory)

New plant quarantine regulations. Zashch. rast. ot vred. i bol 5 no 2:52-53 F '60.

Results of research work on plant quarantine. T. I. Rogova Zashch rast. ot vred. i bol. 7 no. 6:47-50 Je '62

PLANTERS (AGRICULTURE MACHINERY)

Effect of the agitator on the flow of winged seeds. M. G. Vilianteer. Izv. vys. ucheb. zav., les. zhur. 4 no.5: 21-24 '61.

Improvement of the planting apparatus of the SN-4A potato planter. S. Zamulin, M. Birlukov. Tekh. v sel'khoz. 22 no.10:82 O '62.

Investigating the performance of the SL-44 tractor-drawn flax planter at increased speeds [with summary in English] I. N. Bolotov Trudy VNIIL no 5.196-212 '58.

Problems in aggregating flax planters [with summary in English] M. N. Shreider Trudy VNIIL no 5.185-193 '58.

The SShN-3 planter for use in nurseries. V. I. Vishnevskii. Trakt i sel'khozmash. 32 no.9:34-35 S '62.

PLANTING TIME

(see also subdivision under Stepanavan District)

Effect of different times and types of sowing on the metabolism of some forage plants grown under conditions of dry farming [in Azerbaijani with summary in Russian]. A. M. Mamedov. Izv AN Azerb. SSR. Ser. biol. i med. nauk no.4:23-29 '62.

Effect of sowing dates on the everbearing and frost resistance characteristics of strawberry seedlings. O. L. Denysiuk. Visnyk sil'hosp. nauky 5 no.11:87-90 N '62.

PLANTS

Development of micro-organisms in the leaves of some plants under natural conditions [with summary in English] /L I Rubenchyk, V A Kordium, S.I Chernykh Mikrobiol zhur 24 no 2 3-7 '62

PLANTS—ASSIMILATION

Isotopic effects of plant uptake of calcium [with summary in English]. V. M. Klechkovskii, N. I. Seletkova. Izv. TSKHA no.4:69-76 '62.

PLANTS—CHEMICAL ANALYSIS

Individual changes of chemical composition in cabbage and rutabaga [with summary in English]. G. A. Lukovnikova. Trudy po prikl. bot., gen. i sel. 34 no.2:109-114 '61.

PLANTS—FROST RESISTANCE

Conference on frost resistance of cultivated plants [in Latvian]. J. Magone. Izv. AN Latv. SSR no.2:182 '61

Methods of germination and the frost resistance of cocoa seeds. A. S. IArovuk. Sbor. nauch.-issl. rab. VIM no.152:71-73 '61.

PLANTS—IRRITABILITY AND MOVEMENTS

Mechanism and characteristics of spontaneous movements of leaves in Desmodium gyrans. D. G. Nazarov. Dokl. AN SSSR 147 no.3:738-741 N '62.

PLANTS—METABOLISM

Effect of different times and types of sowing on the metabolism of some forage plants grown under conditions of dry farming [in Azerbaijani with summary in Russian]. A. M Mamedov. Izv. AN Azerb. SSR Ser. biol. i med. nauk no.4:23-29 '62.

PLANTS—NUTRITION

Antipov, N. I. [How plants feed and grow] Kak pitaiutsia i rastut rastenila. [Riazan'] Riaz. mashinostroit. izdatel'stvo, 1962. 106 p.

Effect of the conditions of mineral nutrition on the use of C^{14} by sugar beet leaves. V. M. Khodan. Vest. sil'hosp. nauky 5 no.10:86-89 O '62.

PLANTS—REPRODUCTION

Biology of flowering and successive stages in the development of the female gametophyte of Allium [illegible]. [with summary in English]. T. V Sedova Trudy po prikl bot., gen i sel. 34 no 2,50-54 '61

Physiological role of boron. Report No. 1. Specific role of boron in the formation of reproductive organs and fruiting [with summary in English]. M. IA. Shkol'nik, E. A. Solov'eva-Troitskaia. Bot. zhur. 47 no 10,1414-1425 O '62.

PLANTS—RESPIRATION

Effect of phosphorus organic insecticides on the respiration rate of the cotton plant. T. V. Bobyreva Fiziol rast. 9 no.6:738-740 '62.

PLANTS—SOILLESS CULTURE

They Are growing vegetables on stone. D. Solodkyi. Ukraina no.24-24 D '62.

PLANTS—TRANSPIRATION see subdivision under Moldavia

PLANTS—WATER REQUIREMENTS

Ontogenetic and metameric variation of the water balance in plants. L. G. Dobrunov, O. T. Chumina. Izv Akad Kazakh. SSR. Ser. bot. i pochv. no 3:42-54 '61

PLANTS, EFFECT OF ARIDITY ON

Effect of an arid climate on the distribution of parasitic and some other groups of fungi [with summary in English]. S. A. Gutsevich. Vest LGU 17 no. 21:5-14 '62

PLANTS, EFFECT OF BORON ON

Effect of boron fertilizers and liming on the yield of forage lupine. V. O. Chornyshenko. Visnyk sil'hosp. nauky 5 no.10:83-86 O '62.

Physiological role of boron. Report No. 3. Specific role of boron in the formation of reproductive organs and fruiting [with summary in English]. M. IA. Shkol'nik, E. A. Solov'eva-Troitskaia. Bot. zhur. 47 no 10,1414-1425 O '62.

PLANTS, EFFECT OF CHLORINE ON

Two forms of chlorine in plants. V. I. Olenikkii, L. V. Bulkina, I. K. Koshelev. Sbor. nauch.-issl. rab. VIM no.152:115-122 '61.

PLANTS, EFFECT OF GAMMA RAYS ON

Effect of gamma radiation on some properties of pea crop seeds [with summary in English]. L. I. Frish, S. V. Markevich. Trudy VNIIZ no.30 105-121 '62

PLANTS, EFFECT OF LIGHT ON

Effect of light intensity on autotrophic and heterotrophic nutrition of Chlorella vulgaris and Scenedesmus obliquus [with summary in English]. I. A. Maresa Mikrobiologiia 31 no.3:411-416 My-Je '62.

Electrophytogram of the response rhythms of plants to pulsed light stimulation. A. D. Semenenko, M. A. Khvedelidze, A. D. Semenenko. Dokl. AN SSSR 147 no.3:727-730 N '62.

Light and chlorophyll formation in green leaves. A. A Shlyk and others. Priroda 51 no.12 81-84 D '62

Light requirements of ornamental and typical forms of woody plants [with summary in English]. V. N. Vakhrameeva. Bot. zhur. 47 no.10:1426-1436 O '62.

PLANTS, EFFECT OF MAGNESIUM ON

Problem of using magnesium in agriculture in the U.S.S.R. K. P. Magnitskii. Zemledelie 24 no 7 55-60 Jl '62.

PLANTS, EFFECT OF MANGANESE ON

Some characteristics of iron metabolism in iron-manganese chlorosis [with summary in English]. N. A Ilina, I. A. Chernavina, E. R. Karinshova. Fiziol rast 9 no.6:657-662 '62.

Vlasiuk, P. A. [Manganese nutrition and fertilization of plants] Margantsevoe zhyvlennia i udobrennia rosliin. Kyiv, Vyd-vo Ukrains'koi Akad. sil'skohospodars'kykh nauk, 1962. 420 p.

(DNAL)

PLANTS, EFFECT OF MOLYBDENUM ON

Role of molybdenum and vitamins in the assimilation of nitrogen from nitrates by plants (with summary in English). E. I. Rainer, T. A. Akimochkina. Fiziol rast. 9 no. 6;663-673 '62.

PLANTS, EFFECT OF NICOTINIC ACID ON

Effect of nicotinic acid on the growth and development of spring wheat. E. D. Bogdanova. Izv. AN Kazakh. SSR. Ser. bot. i pochv. no 3:74-80 '62.

PLANTS, EFFECT OF NITROGEN ON

Effect of different nitrogen fertilizers on the yield and quality of tobacco. N. P. Ivanovskii. Sbor. nauch.-issl. rab. VITIM no. 152,74-80 '61.

Effect of increasing amounts of nitrogen fertilizers on the accumulation of nicotine in tobacco. M. F. Mashkovtsev, A. A. Sirotenko. Sbor. nauch.-issl. rab. VITIM no. 152 90-114 '61.

PLANTS, EFFECT OF OXYGEN ON

Effect of aeration conditions on the photoperiodic reaction in plants (with summary in English). M. Kh. Chailakhian, T. N. Konstantinova. Fiziol. rast. 9 no 6: 693-702 '62.

PLANTS, EFFECT OF PHOSPHORUS ON

Effect of various forms of phosphorus fertilizers on the yield of winter wheat in the steppe zone of the Ukraine I. K. Artiukhov, N. N. Duda. Visnyk sil'khosp nauky 5 no 11:30-34 N '62.

Some problems in the phosphorus nutrition of geranium and patchouli. T. L. Kuchulorlia. Trudy Sukh. opyt. sta. efiromasl. kult. no. 3/4:86-94 '61.

PLANTS, EFFECT OF RADIATION ON

Effect of the ionizing radiation on the harvest yield and increase of essential oil content of basil and anise. P. A. Buzinov. Masl.-zhir. prom. 28 no. 11:28-29 N '62.

PLANTS, EFFECT OF SALTS ON see subdivision under Azerbaijan

PLANTS, EFFECT OF SODIUM AZIDE ON

Effect of thermal hardening on the resistance of vegetable cells to sodium azide. A. G. Lomagina. Dokl. AN SSSR 147 no. 3;717-720 N '62.

PLANTS, EFFECT OF SOIL MOISTURE ON

Characteristics of the flowering of gramineous plants in relation to the effect of insufficient soil moisture (with summary in English). F. D. Skazkin, K. A. Lukomskaia. Fiziol. rast. 9 no. 6:703-707 '62.

PLANTS, EFFECT OF STRONTIUM ON

Plant uptake of strontium-90 from soil in field experiments (with summary in English). G. F. Kuchanova. Izv. TSKHA no. 4,105-110 '62.

PLANTS, EFFECT OF SULFATES ON

Effect of gibberellin on the intensity of some physiological processes in oak seedlings under conditions of sulfate salinization (with summary in English). L. IA. Silkin. Fiziol. rast. 9 no. 6 712-717 '62

Effect of hardening some farm plants to sulfate salinization on their productivity (with summary in English). Z. S. Azizbekova. Fiziol rast. 9 no. 6;741-745 '62

PLANTS, EFFECT OF TEMPERATURE ON

Effect of different temperature and moisture on the growth and development of the nightshade Solanum aviculare (in Azerbaijani with summary in Russian). S. M. Aslanov. Izv. AN Azerb. SSR Ser. biol i med. nauk no. 4:3-10 '62.

Effect of microelements on the growth and development of corn at various temperatures (in Azerbaijani with summary in Russian). B. Z. Guseinov, Z. IU Mamedova. Izv. AN Azerb. SSSR. Ser. biol. i med. nauk no 4: 11-21 '62.

Effect of thermal hardening on the resistance of vegetable cells to sodium azide. A. G. Lomagina. Dokl. AN SSSR 147 no. 3;717-720 N '62.

Free nucleotides of the thermophile and mesophile variants of Aspergillus fumigatus (with summary in English). T. N. Evreinova, G. P. Miroshnichenko. Mikrobiologiia 31 no. 3;428-433 My-Je '62.

Increasing the cold resistance of tomatoes by early outdoor sowing (with summary in English). M. V. Syakova. Trudy po prikl. bot., gen. i sel. 34 no. 2;138-142 '61.

Study of the mechanism of the dying of plants during rapid defrosting (with summary in English). I. I Tumanov, O. A. Krasavtsev. Fiziol. rast. 9 no. 6;718-729 '62.

Temperature conditions in the preparation of eucommia seeds for germination. E. P. Zaborovskii, N. N. Varasova. Izv. vys. ucheb. zav., les. zhur. 4 no. 5: 168-170 '61.

Thermal treatment of seeds and its effect on the yield and seed production of cucumbers and tomatoes (with summary in English). K. I. TSytovich. Trudy po prikl. bot., gen. i sel. 31 no. 2;143-146 '61.

PLANTS, EFFECT OF TRACE ELEMENTS ON

Determining the role of microelements in the life of a plant. M. V. Stvisev, I. P. Marakhovskii. Biol. v shkole no. 4:65-67 Jl-Ag '62.

Effect of microelements on the germination of pine and spruce seeds and on the growth of seedlings (with summaries in German and Russian). V. Kaposts. Izv AN Latv. SSR no. 3;111-116 '61.

Effect of microelements on the growth and development of corn at various temperatures (in Azerbaijani with summary in Russian) B. Z. Guseinov, Z. IU. Mamedova. Izv AN Azerb. SSR. Ser. biol. i med nauk no 4, 11-21 '62.

Effect of microelements on the water balance of grapes. R. M. Mekhti-Zade, D. Kh. Liatifov. Trudy Azerb. nauch.-issl. inst. sad., vin. i subtrop. kul't. no. 5 41-48 '62.

Effect of soaking seeds in microelement solutions on changes in the chloroplast volume and the accumulation of chlorophyll in sugar beet leaves. E. A. Lipskaia. Vestsi AN BSSR. Ser. bilial nav. no 3:53-57 '62

Effectiveness of microelements under different irrigation conditions. V. I. Alieva. Izv. AN Azerb. SSR. Ser. biol i med nauk no 4,43-51 '62.

Microelements in the nitrogen metabolism of plants. M. G. Abutalybov, D. A. Aliev, A. Samedova. Izv AN Azerb SSR Ser biol i med nauk no 4,31-42 '62.

Role of trace element fertilizers in increasing the resistance of black currants to Septoria ribis Desm. V. F. Peresypkin, P. Z. Sherengovoi. Zashch. rast. ot vred. i bol. 6 no 8:27 Ag '61.

Some data on the effect of microelements on the growth, development, and yield of tulips. N. S. Vasil'eva. Vestsi AN BSSR. Ser. bilial nav. no 3:47-52 '62

PLANTS, EFFECT OF ULTRASONIC WAVES ON

Effect of ultrasonic waves and radioactive phosphorus on the growth and development of tomatoes and cabbage (with summary in English). N. D Feofanova. Trudy po prikl bot., gen. i sel. 34 no. 2:149-153 '61

PLANTS, EFFECT OF ULTRAVIOLET RAYS ON

Amount of phosphorus compounds in the mycelium of a mutant of Aspergillus niger produced under the influence of ultraviolet rays (with summary in English). R. N. Grebeshova. Mikrobiologiia 31 no 3:424-427 My-Je '62.

Effect of ultraviolet rays on the growth and development of spring wheat. O. K. Baidauletov. Izv AN Kazakh SSR. Ser. bot. i pochv. no. 3 66-73 '62.

PLANTS, EFFECT OF VITAMINS ON

Role of molybdenum and vitamins in the assimilation of nitrogen from nitrates by plants (with summary in English). E. I. Rainer, T. A Akimochkina. Fiziol rast 9 no. 6,663-673 '62.

PLANTS, EFFECT OF X-RAYS ON

Effect of radioactivity on the germination of pollen in corn. I. P Vitkalenko. Visnyk sil'khosp nauky 5 no. 11;84 N '62.

PLANTS, EFFECT OF ZINC ON

Zinc increases the disease resistance and yield of corn. G. M. Ignatovich, G. L. Mokrievich. Zashch. rast. ot vred. i bol 7 no. 4 35-36 Ap '62.

PLANTS, FLOWERING OF

Characteristics of the flowering of gramineous plants in relation to the effect of insufficient soil moisture (with summary in English). F. D. Skazkin, K. A. Lukomskaia Fiziol. rast. 9 no. 6 703-707 '62

PLANTS, ORNAMENTAL

Light requirements of ornamental and typical forms of woody plants (with summary in English). V. S. Vakula Bot. zhur. 47 no. 10;1426-1436 O '62.

"Nurseries of ornamental plants and shrubs" by A. O. Mkrtchian. Reviewed by G. M. TSaturian. Izv AN Arm SSR. Biol. nauki 15 no. 11;95-98 N '62.

PLANTS, PROTECTION OF
(see also subdivision under Aleysk District, Altai Territory; Chistopol' District; Crimea, Egypt; Globino District, Japan; Kokchetav Province, Mogilev Province; Rostov Province; Stavropol Territory; Tatar A.S.S.R.; Tiraspol' District; Ul'yanovka region; Virgin Territory; Volokolamsk region; Voronezh Province, White Russia)

Anniversaries. Zashch. rast. ot vred. i bol. 7 no. 6: 57-58 Je '62,

Brief information. A. Sal'nikova, T. Fedotova. Zashch. rast. ot vred. i bol. 6 no. 8:31 Ag '61.

Brief reports. Zashch. rast. ot vred i bol. 7 no. 2 11, 21,53-54 F '62.

The competition is expanding. Kh. Abdullin, N. Tishin. Zashch. rast. ot vred. i bol. 5 no 2;9 F '60.

From the practice of an amateur horticulturist. A. N. Eberg. Zashch. rast. ot vred. i bol. 6 no. 8:35-37 Ag '61.

Information and brief news. N. A. Kabalkina, F. T. Lisitsyn. Zashch rast. ot vred. i bol. 6 no. 8,58-59 Ag '61.

Letters to the editor. I. G. Noskov and others. Zashch. rast. ot vred. i bol. 6 no. 8 10 Ag '61.

Morphogenesis and plant protection. I. Sh. Zashch. rast. ot vred. i bol. 5 no 2;62-63 F '60.

The most important document of our epoch. Zashch. rast. ot vred. i bol. 6 no. 8.1-3 Ag '61.

Motion pictures on plant protection produced during 1961. A. D Petrenko. Zashch. rast. ot vred. i bol. 7 no. 6;62 Je '62.

On the upswing. Zashch. rast. ot vred. i bol. 5 no. 2;1-4 F '60.

One of the best. V. E. Sharkova. Zashch. rast. ot vred. i bol. 6 no. 8;42-43 Ag '61.

One should not underestimate cultivation practices as a control method. K. I. Popov. Zashch. rast. ot vred i bol 7 no 2 10-11 F '62.

Possibilities of using helicopters in plant protection. S. G. Starostin. Zashch rast ot vred i bol. 7 no 8: 17-19 Ag '62

Questions and answers. B. IU. Fal'kenshtein. Zashch rast ot vred i bol 7 no. 6 42 Je '62

Questions and answers. G. I. Koroikikh, A. T. Novikova. Zashch. rast. ot vred. i bol. 7 no. 4,50 Ap '62.

Questions and answers. K. IA. Kalashnikov, G. I. Koroikikh. Zashch. rast. ot vred. i bol. 6 no 8;48,59 Ag '61.

Questions and answers. V. D Pershan and others. Zashch rast ot vred i bol 7 no 8:45 Ag '62

Readers' letters. Zashch. rast. ot vred i bol. 7 no 4 13 Ap '62

Session of the Scientific Council of the All-Union Institute of Plant Protection. B. M Chumakova. Zashch rast. ot vred i bol 7 no 6;58-59 Je '62

Sound guards the harvest. N Vorontsov. Nauka i zhizn' 29 no 10 80 O '62

Ten years' work of the European and Mediterranean Organization of Plant Protection. D. P. Dovnar-Zapol'skii. Zashch. rast. ot vred. i bol 6 no 8;53-54 Ag '61.

PLANTS, PROTECTION OF—BIBLIOGRAPHY see Bibliography—Plants, Protection of

PLANTS, PROTECTION OF—CONGRESSES

Conference of fruit growers. E. D. Zashch. rast. ot vred i bol 7 no. 6,59 Je '62

Congresses and conferences. V. V. and others. Zashch rast ot vred i bol 7 no 2 55-56 F '62.

Forum of forecasters. E. N. Ivanov. Zashch rast ot vred i bol 7 no 2 38-39 F '62

Seminar on plant protection at the Exhibition of Achievements of the National Economy of the U. S. S. R. IU. N. Neipert, E. A. Frolkina. Zashch rast ot vred i bol 7 no. 2 57-59 F '62

Zonal coordination conferences. E. I. and others. Zashch. rast. ot vred. i bol. 7 no. 4;59-62 Ap '62.

PLANTS, PROTECTION OF—RESEARCH see subdivision under Uzbekistan

PLANTS, PROTECTION OF—STUDY AND TEACHING
(see also subdivision under Moldavia, Velikiye Luki)

Training specialists in plant protection. N. V. Bondarenko. Zashch. rast. ot vred. i bol. 7 no. 4:62 Ap '62.

PLANTS, SPACE ARRANGEMENT OF

Growing beets under various spacing conditions (in Armenian with summary in Russian). V. E. Aslanian. Izv. Glav. upr. sel'khoz. nauk i podgot. kad. Arm. SSR 5 no. 4;31-38 '62.

PLASMA (IONIZED GASES)

"Anomalous" diffusion of rarefied plasma with a current in a magnetic field (with summary in English). B. B. Kadomtsev. Zhur. eksp. i teor. fiz. 43 no. 5: 1688-1696 N '62.

Compression of a plasma in a p-i-n diode under the action of an intrinsic magnetic field. G. V. Gordeev Fiz. tver. tela 4 no. 10;2890-2895 O '62

Equilibrium of a toroidal plasma column in a magnetic field. V. D Shafranov. Atom energ. 13 no. 6:521-529 D '62.

Gas-arc cutting of the AMg6 alloy. K. V. Vasil'ev and others. Svar. proizv. no. 12;23-25 D '62.

Observation of a double-flow ion instability in turbulent heating of a plasma. M. V. Babykin and others. Zhur. eksp. i teor. fiz. 43 no. 5;1976-1978 N '62.

Plasma arc gun with water stabilization of the arc. K. Mikloshi. Svar. proizv. no. 11;23-26 N '62.

Relaxation of electron and ion temperatures of a totally ionized plasma in a high magnetic field (with summary in English). V. P. Silin. Zhur. eksp. i teor. fiz. 43 no. 5:1813-1820 N '62.

Soveshchanie po teoreticheskoi i prikladnoi magnitnoi gidrodinamike. 2d, Riga, 1960. [Problems of magnetohydrodynamics and plasma dynamics, reports] Voprosy magnitnoi gidrodinamiki i dinamiki plasmy; doklady. Riga, Izd-vo Akad. nauk Latviiskoi SSR. Vol. 2. 1962. 660 p.

Special features of a plasma deionization process with a rapidly varying electrode potential. V. A. Dolgikh. Izv. NIIPT no. 9;29-36 '62.

Study of the escape of charged particles from a plasma in a magnetic field (with summary in English). L. L. Pasichnyk, O. V. Kozak. Ukr. fiz. zhur. 7 no. 11: 1165-1171 N '62.

Study of the escape of plasma through the magnetic gaps of traps with a field intensifying toward the periphery. L. L. Gorelik and others. Dokl. AN SSSR 147 no. 3: 576-579 N '62.

Study of the jet of a plasma generator. L. I. Grechukhin, V. D. Shimanovich. Opt. i spektr. 13 no. 5;626-629 N '62.

Theory of the synchrotron; interaction between a particle and a clot. S. M. Rytov. Trudy Fiz. inst. 18;32-54 '62.

PLASMA (IONIZED GASES)—BIBLIOGRAPHY see Bibliography—Plasma (Ionized gases)

PLASMA OSCILLATIONS
Correlation of low-frequency and high-frequency oscillations induced in a plasma by an electron beam [with summary in English] M D Ilabovich, V N IAzeva Ukr. fiz zhur. 7 no 9 1015-1020 S '62
Low-frequency plasma oscillations in nonpolar semiconductors G V Gordeev. Fiz tver tela 4 no 11, 3144-3151 N '62

PLASMAL
Plasmal reaction in the myelinization of regenerating axons. V.N. Glagolev. Dokl. AN SSSR 147 no 3:721-723 N '62.

PLASTERING
Garaev, Mukhamed. [A storehouse of potentials] Kladovaia rezervov. [Moskva] Mosk. rabochii, 1962. 31 p. (Novatory semiletki)
Laboratory work of plasterers in studying their mechanical tools. L. IAkovleva. Prof.-tekh. obr. 19 no. 8 9 Ag '62.
Two thousand apprentices A Fediaeva Na stroi fios 3 no 8 5 Ag '62

PLASTIC BEARINGS—TESTING
Investigating the fatigue strength of plastic balls for antifriction bearings P F Prasolov Izv vys uchab zav , mashinostr no 8 89-97 '62

PLASTIC FILMS
Polyester coatings (from "Wood and Wood Products," no. 4, 1962). Der. prom 11 no. 11:31 N '62

PLASTIC PIPE see Pipe, Plastic

PLASTICITY
Generalization of initial concepts of the theory of plasticity. A. Malmeisters. Izv. AN Latv. SSR no. 2: 89-93 '61.

PLASTICIZERS
Die casting in the manufacture of products from paraffin suspensions of Al_2O_3 and ZrO_2 high refractory oxides. A.G. Karaulov. Sbor. nauch. trud UNIIO no. 5:289-289 '61
Plasticizing action of compounds dissolving cellulose triacetate. L.V Rozental', F.G Zhurina, O K.Smirnov, Zhur prikl khim. 35 no 11 2512-2520 N '62.

PLASTICS
Hostaphane, a transparent plastic material, its use in cartography. A. V. Shilov Geod i kart. no 4 54-69 Ap '62
Insulating rail bond with inserts made with polymer materials I K. Filatov, L I Stroganova, T V. Morozova Vest. TSNII MPS 21 no 7 58-61 '62.
IUt, A. L. [Plastics in the machinery industry] Plastmassy v mashinostroenii. [Perm'] Permskoe knizhnoe izd-vo, 1962. 43 p. (Molodomu mashinostroiteliu)
Korsunskii, A. I., L. G Levinskii, and B. A. Tikilov. [Structural plastics] Stroitel'nye plastiki. Leningrad, Gosstroiizdat, 1962. 128 p.
Marking of plastic articles. V.V. Kasatskii. Standartizatsiia 26 no. 12:49 D '62.
New equipment for making plastics into building products. P P. Prikhodchenko. Stroi. mat. 8 no. 11 17-18 N '62.
Plastics are available to petroleum workers. M. Rozhnov. Neftianik 7 no. 5:19 My '62.
'Plastics' by B. A. Arkhangel'skii. Reviewed by V. Voitovich. Rech. transp. 21 no. 12:50 D '62.
Possibilities of using plastic materials in irrigation and drainage construction [in Armenian with summary in Russian]. G. A. Karamian. Izv. Glav. upr. sel'khoz. nauk i peredot. tekh. A. ... '63-77 '62.

PLASTICS—TESTING
Behavior of some plastic materials under conditions of the production of synthetic acetic acid by n-butane oxidation. I. IA. Klinov, M. A Vorob'eva. Khim. prom. no. 10:769-772 O '62.

PLASTICS—WELDING
Semiachkin, S. E., and G. V. Filaretov. [Resistance welding of metals and plastics] Kontaktnaia svarka metalla i plastmassa. [Moskva] Mosk. rabochii, 1962. 162 p.

PLASTICS IN MEDICINE
Experimental and clinical data on nephropexy using a plastic net. D. D. Murvanidze. Urologiia no. 5:29-32 '62.

PLATE TOWERS
Mass transfer on valve and ballast plates. IU. I. Dytnerskii, A G. Kasatkin, N. V. Kocheragin Zhur. prikl. khim 35 no. 10 2247-2251 O '62.

PLATES, ALUMINUM—WELDING
Joining special aluminum shapes and plates by spot welding. M. D Temirov, V I Ishchenko. Svar. proizv. no. 12 22-23 D '62.

PLATES, IRON AND STEEL
Factory assembly of elements of structures made of sheet material B V Popovskii Mekh stroi 16 no 10 6-10 O '62
Selecting a grade of shipbuilding steel considering weight indices and hull costs. B Smoliakov. Rech. transp. 21 no. 12 31-32 D '62

PLATINUM CATALYSTS
Conversions of 2, 2, 4-trimethylpentane and n. octane on a platinum catalyst. IU. N. Usov, N. I kuvshinova Kin i kat. 3 no. 6:931-936 N-D '62
Effect of the structure of a double layer on the adsorptive and catalytic properties of nickel and platinum G. D Zakumbaeva Trudy Inst khim nauk AN kazakh SSR 8:73-80 '62

PLATINUM COMPOUNDS
Interconversions of tetra-, tri-, and diglycine complexes of bivalent platinum L M Volshtein, G G Motiagina Zhur neorg khim 7 no 11 2495-2500 N '62.
Some properties of platinum and palladium phthalocyanines B. D Berezin Zhur neorg khim 7 no 11 2500-2505 N '62

PLATINUM ELECTRODES see Electrodes, Platinum

PLAVSK—ATHEISM—STUDY AND TEACHING
The teacher from Plavsk. A. Golikov. Nauka i zhizn 4 no. 12:62-63 D '62.

PLAY
Holiday for grandchildren. G. and N Levin, M. Telegina. Doshk. vosp. 35 no. 12 80-81 D '62.
Play for six-year old children. V. Voronova. Doshk. vosp. 35 no. 12 36-40 D '62.

PLAY CENTERS see Community centers

PLEKHANOV, GEORGII VALENTINOVICH, 1856-1918
Astakhov, V. G. [G. V Plekhanov and N G. Chernyshevskii, the methodological basis of Plekhanov's evaluation of Chernyshevskii's theory of literature and aesthetics] G. V. Plekhanov i N. G. Chernyshevskii; o metodologicheskikh osnovakh plekhanovskoi otsenki literaturno-esteticheskoi teorii Chernyshevskogo. Stalinabad, Tadzhikskii gos. univ., 1961. 343 p. (MII) (CaOTU)
Bakhtadze, Bronislav. [Plekhanov's theory of aesthetics] Estetikeshkie vzgliady Plekhanova Tbilisi, Sabchota Miserali, 1961. 219 p [In Georgian] (MII)
How G. V. Plekhanov described the role of geographical conditions. G. L. Episkoposov. Vop. filos. 16 no. 12 142-144 '62.

PLETHYSMOGRAPHY
Action of dangleron and hexonium on the regional blood circulation in hypertension. V. A. Kononiachenko, G. E. Chapidze. Klin. med. no. 9, 106-111 '62.
Unconditioned vascular reactions in healthy children from plethysmographic data [with summary in English]. K. P. Ni Pediatriia no. 7:9-11 '62.

PLEURA—BLOOD SUPPLY
Histotopographical structure of the blood vessels in inflammatory adhesions of the pleura. V. V. Vakhidov. Med. zhur. Uzb. no. 3:40-54 Mr '62.

PLEURISY
Acute suppurative pleural diseases in children [with summary in English]. A. S. Sidorenko. Pediatriia 41 no. 9 15-18 S '62.

PLIEKSANS, JANIS, 1865-1929
How J. Rainis's comedy "The half idealist" originated [in Latvian]. V. Hausmanis Izv. AN Latv. SSR. no. 3: 29-40 '61.
Sokols, Evalds. Rainis. Riga, Latvijas Valsts izdevniecība, 1962. 498 p. [In Latvian]

PLOTNIKOVA RIVER—WORMS, INTESTINAL AND PARASITIC
Helminths of fishes in the basin of the Plotnikova River, Kamchatka Province. A. A. Spasskii, V. A. Roitman, V. G. Shagaeva. Trudy Gel'm. lab 11:270-285 '61.

PLOWING
Deep plowing under of lupine and manure as a way of increasing their effectiveness. M. S. Zhukov, O. F. Holtseva. Vsesoiuz sel'khoz. nauky 5 no. 10 92-95 O '62.
Increase in the traction indices of a wheel-type tractor operating with a mounted plow. P. M. Gil'shtein, D. Z. Starodinskii. Trakt. i sel'khozmash. 32 no 9 16-18 S '62
Theoretical principles underlying the operation of tractor-mounted plows at increased speeds [with summary in English]. I. I. Kiselev. Izv. TSKHA no. 4:142-155 '62.

PLOWS
(see also subdivision under Russia, Northwestern)
Competition of plows P. Kulebakin Tekh mol 30 no 10 2-3 '62
Modified orchard plow. S. Miroshnichenko. Sel' trakt no. 10 24-25 '62.
New tractor mounted plows. V. Feibus. Tekh v sel'k 22 no 10 58 O '62.
A PT-10 three-level plow [U. I. Kuznetsov Trakt i sel'khozmash 31 [i. e. 32] no 11 25-26 N '62
Plow design as a factor in automatic tractor guidance A. I. IAstrebov Trakt i sel'khozmash. 32 no 9 31-34 S '62
A plow with a roller-type mouldboard. N M. Sharov Trakt. i sel'khozmash 31 [i. e. 32] no 11, 46 47 N '62
Single-frame plows for brush and swamp lands. P M Gil'shtein, D Z Starodinskii. Trakt. i sel'khozmash 31 [i. e. 32] no 11 33-34 N '62.
Specialized plows. A. N. Ustinov Trakt i sel'khozmash 32 no 8 41-41 S '62

PLUM
Content of some organic acids in plums. I. D. Volenskaia. Nauch. trudy Gos. nauch.-issl. inst. sad. no. 3: 178-181 '62.

PLUMBING—EQUIPMENT AND SUPPLIES
In the Sanitary Engineering Research Institute of the Academy of Construction and Architecture of the U S S R , sanitary engineering equipment for industrial enterprises V I Feldman Vod i sanit tekh no. 8 36-39 '62.

PLUMBING—MAINTENANCE AND REPAIR see also subdivision under Kharkov

PLURALITY OF WORLDS
The living beings of other planets I I Shafranovskii IUn tekh 7 no 11 49-55 N '62.

PNEUMATIC CONTROL
Hydraulic resistance of electropneumatic distributors V. F. Peshat. Trudy Inst. chern met. AN UkrSSR 16 161-164 '62.
Programmed control of air-steam steam hammers by the energy of the stroke. V. I Davydov. IUzh. Ural'skii. Kuz.-shtam proizv 4 no. 10, 36-39 '62

PNEUMATIC CONTROL—CONGRESSES
Conference on hydraulic and pneumatic control. V. I. Semikova. Avtom. i telem. 23 no. 12 1720-1721 D '62.

PNEUMATIC CONVEYING
Investigations of the parameters of the unit for pneumatic transportation of rock M I Mingkov Transp stroi 12 no 10 18-20 O '62
Method for calculating the concentration of solid particles transported by a gas flow along horizontal pipes [with summary in English] E. V. Donat. Inzh. fiz zhur. 5 no. 6 55-60 Je '62.
Operation of a pneumatic feeder. V. V. Strel'tsov, V. D. Gvozdev, V. M. Sviatov. Izv. vys. ucb. zav., Stroi tekhnol. 5 no. 4:659-666 '62.
Pneumatic laboratory device for handling sand O A Ambarian, I. V Mazurenko. Osn., fund i mekh gr 4 no. 5 21 '62

PNEUMOGASTRIC NERVE see Vagus nerve

PNEUMONIA
Chronic pneumonias and bronchial cancer [with summary in English]. M A. Ziv, K. A. Pavlov. Vest. khir 89 no. 9:20-21 S '62.
Clinical anatomical comparisons in staphylococcal pneumonias in infants [with summary in English]. I A. Bogomaz, R. A. Gink-Lokshina, Z A. Kruglyakova Pediatriia 41 no. 9:30-36 S '62.
Clinical X-ray characteristics of staphylococcal pneumonia in children [with summary in English]. F. M Bespalov, G. S. Postol. Pediatriia 41 no. 9:11-14 S '62.
Complications of staphylococcal pneumonias in children [with summary in English]. V. V. Kraevskii, A. P Protopopov. Pediatriia 41 no. 9:7-11 S '62.
Course of pneumonia in children under one year of age A. IA. Goverdovskaia, G. G. Baimuratova, A. F Kolliakskaia Zdrav Kazakh. 22 no. 3:39-42 '62
Early works of Lithuanian pediatricians on clinical pneumonias (first half of the 10th century). M. Kaciuliene. Pediatriia 41 no. 9:84-86 S '62.
Pneumonias in poliomyelitis patients with a respiratory disorder [with summary in English]. V. P. Baranskii. Vrach. delo no. 12:101-105 D '62.
Protein fractions of the blood serum in pneumonias in infants [with summary in English]. L. D. Kuchinskaia Pediatriia 41 no. 9:40-50 S '62.
Significance of congenital bronchopulmonary cysts in the development and course of chronic pneumonia in children. S. IU. Kaganov, I. V. Makarov, V. M. Pedanova. Pediatriia 41 no. 9:77-81 S '62.
Sinobronchitis and sinopneumopathies in infants [with summary in English]. A. K. Svetlova and others Pediatriia 41 no. 9:19-24 S '62.
Some indices of body reactivity in pneumonias [in infants [with summary in English]. V. D. Sur... Pediatriia 41 no. 9:38-46 S '62.
Staphylococcal complicated pneumonias in infants during the first three months of life [with summary in English]. E. I. Semenova. Pediatriia 41 no. 9:26-30 S '62.

Cause of spontaneous pneumothorax in a child. Z A Zaitsev Pediatriia 41 no.9 61-62 S '62

Surgical treatment of spontaneous pneumothorax in a 3-½ year-old child. N S. Futornyi, M. M Shmelev. Pediatriia 41 no 9 82-83 S '62.

POCHEP DISTRICT—FARM MANAGEMENT

First stage in the work of an instructor-organizer S N Osipenko Zhivotnovodstvo 24 no 9 20-23 S '62

POCHINOK (GORKIY PROVINCE)—BOOKSELLERS AND BOOKSELLING

In the little village of Pochinok. A. Bashkin. Sov. knizh. torg. 14 no 11 30 '62.

POCKET COMPANIONS see Handbooks, vade mecums, etc.

PODOLIAN, MYKOLA

"I love", verse by Mykola Podolian. Reviewed by I Pivtsova Sov. Ukr., 12 no 10 179-180 O '62.

PODOL'SK DISTRICT—MACHINERY INDUSTRY

From the backward to the leaders. V. Anokhin Part. zhizn' no. 21:47-50 D '62.

PODOL'SK DISTRICT—STURGEONS

Prospects for raising sturgeons in ponds. N S.Strogan-ov Trudy sov. likht. kom. no.14 161-172 '62.

PODZOL

(see also subdivision under Negoreloye region)

Changes in the properties of turf-Podzolic soils as related to their oxygen and carbon dioxide content [with summary in English]. I. P Grechin, M. V. Kurlykova. Izv. TSKHA no.4 111-116 '62.

POETRY

Franko, Ivan. [Secrets of poetical creation] Iz sekretiv poetychnoi tvorchosti. [L'viv] Vyd-vo L'vivs'koho univ., 1961. 142 p (Do 100-richchia z dnia smerti T. H. Shevchenka)
(MH)

POGODIN, NIKOLAI FEDOROVICH, 1900-1962

In memory of a great artist. Iak.kino no. 11:123 N '62.

Nikolai Fedorovich Pogodin. Konstantin Simonov, Ogonek 40 no. 30.3 S '62.

POKUTYE REGION—GAS, NATURAL—GEOLOGY

Prospects of oil and gas in the Pokutye section of the Carpathians. I F. Klitochenko, P V Antsupov, M A Vul' Geol nefti i gaza 6 no 10 13-17 O '62

POKUTYE REGION—PETROLEUM GEOLOGY

Prospects of oil and gas in the Pokutye section of the Carpathians I F. Klitochenko, P. V Antsupov, M A. Vul' Geol nefti i gaza 6 no. 10 13-17 O '62.

POLAND—ATHEISM

The atheistic movement in Poland. Tadeusz Pilżanski. Voiov ateist no 6:10-51 Je '62.

POLAND—BIBLIOGRAPHY

[New literature on Poland] Nov lit.po Pol'. no 9 '62

POLAND—COMMERCE—UNDERDEVELOPED AREAS

Poland; achievements and perspectives. Adam Kruczkowski. Mezhdunar. zhizn' 10 no.1:92-96 Ja '63.

POLAND—CONSTRUCTION EQUIPMENT

Determining the operational reliability of new types of construction equipment in the Polish People's Republic. A W Wisiicki Mekh. stroi 19 no.12 17-18 D '62.

POLAND—ECONOMIC CONDITIONS

Basic problems in the economic development of people's Poland. S. Kuzinski, K Secomski, E. Sayr Kommunist 39 no 18 96-102 D '62.

POLAND—FOREST MANAGEMENT

Forestry in Poland. N. M. Gorshenin Les. khoz. 15 no 7.90-95 Jl '62

POLAND—FURNITURE

Exhibition of Polish export furniture in Moscow. A. S. Glebov. Der. prom. 11 no. 11:27-28 N '62.

POLAND—GEOGRAPHY

"From the Bug to the Oder" by A. K. Timashev. Reviewed by A. Zimina. Geog. v shkole 25 no 6:88-89 N-D '62.

POLAND—HISTORY

K. Marx and F. Engels on the Polish national liberation movement [in Georgian with summary in Russian]. A. Bakhtadze. Trudy Tbil. GU 87:103-115 '60.

POLAND—HISTORY—SOURCES

"Revolutionary members of the Polish Diet, 1920-1935; selected speeches, interpellations, and bills" [in Polish]. Reviewed by M. M. Hamrets'kyi. Ukr. ist. zhur. 6 no. 6:126-127 N-D '62.

POLAND—INLAND WATER TRANSPORTATION

River fleet of the Polish People's Republic. Witold Stronk. Rech. transp. 21 no. 12:40 D '62.

POLAND—INSURANCE, SOCIAL

Social insurance in Poland. I Janiszewska. Okhr. truda i sotsstrakh 5 no 11:45-46 N '62

POLAND—MACHINERY INDUSTRY—PRODUCTION STANDARDS

Significance of studying work methods and conditions in establishing technical standards. W. Kosmala Biul nauch. inform. trud i zar. plata 5 no 11:49-52 '62.

POLAND—MERCHANT MARINE

Polish merchant marine. V. Vasil'ev. Mor. flot 22 no. 12:41-42 D '62.

POLAND—POLITICS AND GOVERNMENT

A conference of the chairmen of the rural people's councils. Sov. deput trud. no 12:102-103 D '62.

Development of the Polish socialist state S Zawadzki, M Marzec, A. Stanowicz Kommunist 39 no 18 102-109 D '62

Makhnenko, A.Kh. [Elected organs of the government of the Polish People's Republic] Predstavitel'nye organy gosudarstvennoi vlasti Pol'skoi Narodnoi Respubliki. Moskva, Gosiurizdat, 1962. 225 p.

POLAND—PORK INDUSTRY

Processing of hogs in the meat plants of the Polish People's Republic A Sokolov, I. Kukharkova Miasn ind SSSR 33 no. 5 59-60 '62.

POLAND—RELATIONS (GENERAL) WITH RUSSIA

The Soviet song resounds Olga Lada. Sov. muz. 26 no 10 130 O '62.

POLAND—RELATIONS (GENERAL) WITH THE UKRAINE

"Friendly cooperation of the Ukrainian S.S.R. with the Polish People's Republic, 1944-1960" by I. F. Tvseev. Reviewed by N I Vindzynyrova Ukr ist. zhur 6 no 6: 124-126 N-D '62.

POLAND—RESEARCH

Science is a lever of the building of communism. A Werblan, W. Nowacki, G Jabłoński Kommunist 39 no 18.109-115 D '62

POLAND—SHIPBUILDING

Shipbuilding in the Polish People's Republic Z. Nowakowski, J. Plasinski Kommunist 39 no. 18, 115-117 D '62.

POLAND—TEACHING

Okoń, Wincenty. [Educational process. Translated from the Polish] Proiess obuchenila. Pod red. M. A. Danilova. Moskva, Uchpedgiz, 1962. 199 p.

POLAND—THEATER

Stanislavskii and the Polish theater. B. Rostolskii. Teatr 23 no. 12 98-100 D '62.

POLAND—UNDERGROUND CONCRETE CONSTRUCTION

Construction of utility conduits in Rumania and Poland [from "Revista Constructiilor si a materialelor de Constructii, "no 8, 1960, "Inzynieria i Budownictwo," no. 9, 1960, no. 6, 1961]. D. A. Demenko, V.A Khodosh. Vod i san tekh no 11:33-35 N '62

POLAND—VITAL STATISTICS

A reply to West German revanche plotters N. M. Pashaeva. Vop. ist. no. 12:173-174 D '62.

POLAND—WATER-SUPPLY ENGINEERING

Designing and operating water-supply installations in Poland. A. V. D'iachkov. Gor. khoz. Mosk. 36 no. 11: 41-43 N '62.

POLAND—YOUTH

A city on the Vistula River receives guests. G. Sokolovskii. Mol. mira 5/6:20-21 '62.

POLAR REGIONS—GEOMORPHOLOGY

Dependence of the morphostructural plan of the Antarctica and Arctica on the rotational forces of the earth. P. S. Voronov. Geog. sbor. no 15:138-150 '62.

POLARISCOPE

Polarimetric quartz plates. E. A. Volkova. Trudy inst. Kom. otand., mer i izm. prib. no.56:27-35 '61.

Theory of a composite quarter-wave plate. Kh. K. Aben. Opt. i spektr. 13 no. 5.716-720 N '62.

POLARIZATION (ELECTRICITY)

Dark polarization of polycrystalline cadmium sulfide. P. S. Nesterenko. Fiz. tver. tela 4 no. 10:2897-2900 O '62.

Relaxation properties of cooperative systems; dielectric relaxation in an one-dimensional chain of dipoles [with summary in English]. IU. IA. Gotlib. Ukr. fiz. zhur. 7 no. 7:709-715 Jl '62.

POLARIZATION (LIGHT)

Degree of polarization of the natural light in the sea. V. A. Timofeeva. Dokl. AN SSSR 147 no. 3:604-607 N '62.

POLARIZING MICROSCOPE

Use of polarization microscopy in the detection of formazan crystals in bacterial cells [with summary in English]. M. IA. Korn, N. N. Solov'ev. Mikrobiologiia 31 no. 3:540-544 My-Je '62.

POLAROGRAPHY

Analysis of polarograms of the reversible isolation of metals from melts. IU K Delimarskii, A V Gerasymskii, V I Shapoval Ukr khim zhur 28 no 9 1037-1041 '62

Effect of temperature on the "space" and "surface" polarographic kinetic currents restricted by the recombination rate of maleic acid monoanions S. G Mairanovskii, L. I. Lishcheta. Izv AN SSSR Otd. khim. nauk no. 11 1981-1989 N '62.

Kinetic polarographic currents of the recombination of anions of nitro compounds. V M. Belikov and others Izv. AN SSSR, Otd. khim. nauk no 11 2103 N '62.

Polarographic behavior of cadmium and lead ions in aqueous solutions of acetic acid O I Khotsianovskii Ukr khim zhur no 9 1107-1110 '62

Polarographic behavior of thiamine G P. Tikhomirova, S. L. Belen'kaia Ukr khim zhur 28 no 9 1048-1053 '62

Polarographic determination of rhodium as a complexon [with summary in English]. N. A. Fzerskaia, V N Filimonova. Zhur. anal. khim. 17 no. 8:972-976 N '62.

Polarographic investigation of antimony complexes with ethylenediaminotetraacetic and 1, 2-diaminocyclohexanetetraacetic acids M M. Privalova, D I Ryabchikov Zhur neorg khim 7 no 11 2537-2544 N '62

Polarographic investigation with fused sodium metaphosphate as the support Part 2 Polarography of copper, silver, cadmium, and lead oxides IU K Delimarskii, T. N. Kaptsova Ukr. khim. zhur 28 no 7:802-808 '62.

Some new forms of polarographic maxima. A N. Frumkin and others. Izv. AN SSSR, Otd. khim. nauk no 11: 1977-1984 N '62.

Voltammetry of trivalent gold on solid electrodes [with summary in English] O. L. Kabanova Zhur. anal khim. 17 no. 7 796-801 O '62.

POLAROGRAPHY—CONGRESSES

Vsesoiuznoe soveshchanie po polarograficheskomu analizu, 1st, 1959. [Theory and practice of polarographic analysis] Teoriia i praktika polarograficheskogo analiza, materialy. Kishinev, Izd-vo "Shtiintsa" Akad. nauk Moldavskoi SSR, 1962. 425 p

POLESYE—BIRCH

Recent studies on the development of seeded birch plantations in the Ukrainian Polesye. H. P. Poryts'kyi. Visnyk sil'hosp. nauky 5 no 10:54-60 O '62.

POLESYE—FIELD CROPS—DISEASES AND PESTS

Effect of row crop rotation on soil inhabiting pests. A. I. Zinzhevskii. Zashch. rast. ot vred. i bol. 7 no. 4:31-32 Ap '62.

POLESYE—LUMBERING

Make wider use of timber resources in the Ukrainian Polesye. A. P. Nikitina. Visnyk sil'hosp. nauky 5 no. 10:99-102 O '62.

POLESYE—PEAR

Planting wild pear by fruit. G. K. Smyk. Priroda 51 no. 12:110-111 D '62.

POLICE

Soviet policemen as the guardians of law and order. IU. V. Solopanov, S. V. Murashov. Sov. gos. i pravo 32 no. 12 111-119 D '62.

POLIOMYELITIS

Pneumonias in poliomyelitis patients with a respiratory disorder [with summary in English]. V. P. Doroshchuk. Vrach. delo no. 12:101-105 D '62.

Subacute anterior poliomyelitis. Report No. 1: Clinical aspects of subacute poliomyelitis [with summary in French]. N. V. Konovalov, L. M. Popova, O. A Khondkarian. Zhur. nevr. i psikh. 62 no. 8:1121-1136 Ag '62.

POLISH LITERATURE—TRANSLATIONS FROM THE RUSSIAN

Our friend in Warsaw. B. Fedorovych. Ukraina no.20: 8 O '62.

POLITICAL ATROCITIES see subdivision under Angola

POLITICAL BALLADS AND SONGS, FRENCH

Immortal hymn; on the history of the "International." S. Dreiden. Sov. muz. 26 no. 11:55-67 N '62.

POLITICAL SCIENCE

Sociology and politics [with summary in English, p. 186]. F. V. Konstantinov. Vop. filos. 16 no. 11:3-18 '62.

POLLEN

Cytochemical studies on the development of pollen grains in corn plants with the Texan and Moldavian types of cytoplasmic male sterility. O. K. Alimova. Bot zhur. 47 no. 10:1522-1527 O '62.

Effect of radioactivity on the germination of pollen in corn. L. P. Vitkalenko. Visnyk sil'hosp. nauky 5 no. 11.84 N '62.

Vitality of the pollen of different mulberry varieties. IE. M. Vodolazhchenko. Visnyk sil'hosp. nauky 5 no. 10:97-99 O '62.

POLLINATION see Fertilization of plants

POLOSIN, EVGENII, 1912-

Evgenii Polosin. K. Kulakov. Teatr 23 no 11:166 N '62.

POLOTSK—DESCRIPTION

"The city of Polotsk." Reviewed by A. Sidarenka. Belarus' 19 no 11 28-29 N '62

POLOTSK—ELECTRIC POWER PLANTS

A "slater" of the Polotsk Petroleum Refinery. K. Tandzitnikau. Belarus' 19 no.12 1 D '62.

POLOTSK—HISTORY

"The city of Polotsk." Reviewed by A. Sidarenka. Belarus' 19 no 11:28-29 N '62.

POLTAVA PROVINCE—COLLECTIVE FARMS—INCOME DISTRIBUTION

Control over the distribution of collective farm monetary income. I. Sheluď ko. Den' i kred 20 no 10 66-69 O '62

POLTAVA PROVINCE—CURRANTS—DISEASE AND PEST RESISTANCE

Role of trace element fertilizers in increasing the resistance of black currants to Septoria ribis Desm. V. F. Peresypkin, P. Z. Sherengovoi. Zashch. rast. ot vred. i bol 6 no 8:27 Ag '61.

POLTAVA PROVINCE—SOIL CONSERVATION

Effectiveness of soil conservation methods on the floodlands of rivers and the slopes of ravines. V. O. Cherkasova. Visnyk sil'hosp nauky 5 no. 11;35-40 N '62

POLTAVSKIY DISTRICT—SOVIETS

Let us elect the best deputies. N. Ignatov. Sov. deput. trud. no. 12:51-54 D '62.

POLYAMIDES

Heterochain polyamides. Part 31. Effect of the cyclizing capacity on monomers on the polymer chain termination process [with summary in English]. V. V. Korshak, T. M. Frinze, E. A. Krasnianskaia. Vysokom. soed. 4 no 12:1761-1769 D '62.

Heterochain polyamides. Report No. 32. Formation of mixed polyamides at the interface of various diamine mixtures. V. V. Korshak, T. M. Frunze, L. V. Kozlov. Izv. AN SSSR, Otd. khim. nauk no. 11:2062-2069 N '62

Nonadditive effect in the stabilization of polyformaldehyde by the addition of polyamides and antioxidants [with summary in English]. V. R. Alishoev and others. Vysokom. soed. 4 no. 12 1887 D '62

POLYCHAETA see subdivision under Kurile Islands

POLYELECTROLYTE SOLUTIONS see Electrolyte solutions

POLYETHYLENE

Dielectric properties of insulating materials subjected to gamma radiation. Part 2. Polyethylene. B. I. Vorozhtsov, V. M. Nesterov, N. I. Ol'shanskaia. Izv. vys. ucheb zav., fiz. no. 5:34-37 '62.

POLYHEDRA

Pair of superimposed surfaces with a constant distance between corresponding points and the trihedron of S. D. Rossinskii. L. Berzina. Izv. AN Latv. SSR no. 2: 99-101 '61.

POLYMERS

Densities of polymer mixtures [with summary in English]. V. N. Kuleznev, K. M. Igosheva. Vysokom. soed. 4 no 12 1858-1862 D '62

Electrets from elastic polymers. V. E. Gul', G. A. Lushchelkin, V. M. Fridkin. Kristallografiia 7 no 5 797-799 S-O '62

Evaluation of the packing density of solid polymer chains. Part 5. Determination of the specific surface area of polymers by means of nitrogen vapor sorption [with summary in English]. M. V. Tsilipotkina and others. Vysokom. soed. 4 no 12:1844-1850 D '62.

Hardening of soft epoxide resins by a carboxyl containing methacrylic copolymer in films. A. D. IAkovlev, E. I. Kul'chitskaite. Izv. vys. uch. zav.; khim. i khim. tekh. 5 no. 4:642-645 '62.

High-frequency titration. Report No. 6: Determination of fluorine in fluoropolymers containing and free of chlorine [with summary in English]. A. I. Filina, G. P. Shcherbachev, V. A. Zarinskii. Zhur. anal. khim. 17 no. 8 990-992 N '62.

Inorganic polymers. E. Thilo. Priroda 51 no. 12:39-45 D '62.

Light scattering by solutions of polymer mixtures [with summary in English]. V. N. Kuleznev, V. M. Andreeva. Vysokom. soed. 4 no. 12.1851-1857 D '62

Polyazines, a new class of polymers with conjugate bonds. A. V. Topchiev and others. Dokl. AN SSSR 147 no. 3:645-648 N '62.

Solution of cellulose and other polymeric materials. A. I. Meos, M. N. Vishniakova, E. A. Bykova. Trudy LTA no. 31:27-31 '60

The strength of joints of concrete elements based on cement mortars with additions of polymers. O. Kaltshuk, A. Domasheva'kyi, P. Mokhnachenko. Bud. mat. i konstr. 4 no. 6:36-39 N-D '62.

Synthesis of diamines, dicarboxylic acids, and chloro-substituted monocarboxylic acids based on telomers of chlorobromomethane with ethylene. I. B. Afanas'iev. Khim. prom. no. 10 709-712 O '62.

Thermomechanical curve method applied in polymer studies [with summary in English]. B. IA. Teitel'baum, T. I. Sokolova, G. L. Stanimskii. Vysokom. soed. 4 no 12 1879-1880 D '62.

Vulcanization of fluorine-containing copolymers with polyamines with the use of infrared spectroscopy [with summary in English]. A. S. Novikov and others. Vysokom. soed. 4 no 12 1799-1805 D '62

POLYMERS—ELECTRIC PROPERTIES

Conductance and dielectric loss in polyvinyl chloride plastics. V. M. Anikeenko and others. Izv. vys. ucheb. zav., fiz. no. 5,75-80 '62

POLYMERS—MAGNETIC PROPERTIES

Problem of connection between the structure of polymers and their paramagnetic properties. N. M. Lapshin, M. L. Khidekel'. Zhur. strukt. khim. 3 no. 6 713-714 '62.

POLYMERS—TESTING

Temperature dependence of certain mechanical characteristics of synthetic polymer fibers [with summary in English]. M. IU. Kuchynka. Ukr. fiz. zhur. 7 no. 12: 1318-1323 D '62.

POLYMERS—THERMAL PROPERTIES

On the theory of the heat capacity of linear polymers at low temperatures; vibration spectrum and heat capacity. IU. IA. Gotlib, I. V. Sochava. Dokl. AN SSSR 147 no 3:580-583 N '62.

POLYMERIZATION

Catalytic and kinetic features of the stereospecific polymerization of α-olefins. G. Natta, I. Pasquon. Kin. i kat. 3 no. 6:807-829 N-D '62.

Effect of a hydrodynamic regime on the polymerization of acrylonitrile. E. S. Roskin and others. Zhur. prikl. khim. 35 no. 10,2328-2332 O '62.

Effect of organic compounds with a closed π-conjugate system of linkage on the stereospecific polymerization of propylene. G. A. Razuvaev, K. S. Minsker, R. P. Chernovskaia. Dokl. AN SSSR 147 no. 3:636-638 N '62.

Induction periods of ε-caprolactam and ζ-enantholactam polymerization reactions under various conditions [with summary in English]. N. S. Enikolopian, A. K. Bonetskaia, S. M. Skuratov. Vysokom. soed. 4 no. 12: 1779-1783 D '62.

Interaction of dibenzenechromium (O) with acrylonitrile and the mechanism of polymerization of the latter [with summary in English]. G. A. Domrachev, G. A. Razuvaev. Vysokom. soed. 4 no 12 1822-1826 D '62.

Isomerizing action of the catalytic system $Al(C_2H_5)_3$ + $CrCl_3$ in the polymerization of 1-butene [with summary in English]. E. L. Erasova and others. Vysokom. soed. 4 no 12 1796-1798 D '62.

Kinetics and mechanism of α-olefin polymerization on complex catalysts. Part 6. Polymerization of propylene in the presence of $TiCl_3$ and $Be(C_2H_5)_2$. A. P. Firsov and others. Vysokom. soed. 4 no 12: 1812-1816 D '62.

Liquid - gas interfacial polycondensation. Part 2. Laws governing the gas phase synthesis of aromatic polyoxamides [with summary in English]. L. B. Sokolov, L. V. Turetskii, L. I. Tugova. Vysokom. soed. 4 no. 12:1817-1821 D '62

Mechanism of lactam polymerization [with summary in English]. S. M. Skuratov and others. Vysokom. soed. 4 no. 12:1770-1778 D '62.

Polymer coating on metals for studying plastic deformations by the optical method. N. A. Shchegolevskaia and others. Izv. vys. uch. zav.; khim. i khim. tekh. 5 no. 4: 647-652 '62.

Polymerization involving ethyl- and propyl-substituted enantholactams [with summary in English]. A. V. Volokhina and others. Vysokom. soed. 4 no. 12: 1829-1832 D '62.

Polymerization of cetyl methacrylate [with summary in English]. D. Hardy and others. Vysokom. soed. 4 no 12:1872-1876 D '62.

Polymerization of cyclohexylacetylene [with summary in English]. M. I. Pugina, P. S. Shantarovich. Vysokom. soed. 4 no. 12.1784-1789 D '62.

Role of the reaction vessel walls in the process of initiated polymerization of styrene. IU. N. Polishchuk, T. P. Kornienko, M. V. Polikov. Ukr. khim. zhur. 28 no. 9:1024-1030 '62.

POLYMERS AND POLYMERIZATION, EFFECT OF RADIATION ON

Effect of 25 Mev. betatron bremsstrahlung and 14 Mev. neutrons on the conductance of polymeric dielectrics. A. P. Bazin. Fiz. tver. tela 4 no. 10;2885-2889 O '62.

Variation of the dielectric loss in crystallizing polymers under the action of ionizing radiation. N. I. Ol'shanskaia, B. I. Vorozhtsov. Izv. vys. ucheb. zav. fiz. no. 5:150-155 '62.

POLYNOMIALS

Approximation of functions by asymptotic polynomials. I. I. Eterman. Izv. vys. ucheb. zav.; mat. no 8:152 141 '62.

On the distribution of systems of fractional parts of values of several polynomials. I. M. Vinogradov. Izv AN SSSR. Ser. mat 26 no. 6 783-796 N-D '62.

Weighted approximations and polynomials least deviating from zero. V. S. Videnskii. (Author's abstract of his doctor's thesis). Usp. mat. nauk 17 no 5 211-217 S-O '62.

POLYPLOIDY

Variation of the number of polyploid cells in the postembryonic development in rats. V. IA. Brodskii, A. A. Kushch. Dokl. AN SSSR 147 no. 3:713-716 N '62.

POLYSACCHARIDES

Polysaccharide in complete antigen and other polysaccharide fractions in B. Breslau and in necessary cultures regenerated from its filtrates. Report No 3. Quantitative determination of monosaccharides and polysaccharides by the chromatographic method [with summary in English]. I. IA. Zokharova. Mikrobiol zhur 24 no 2 18-22 '62

Some results of and prospects for the study of enzymatic conversions of polysaccharides and the carbohydrate components of glycoproteins in the body. E. L. Rozenfel'd. Vest. AMN SSSR 17 no. 9.38-48 '62.

POMEGRANATE—DISEASES AND PESTS see subdivision under Turkmenistan

PONTELLIDAE see subdivision under Indian Ocean

PONTOONS

Main dimensions of pontoons for floating cranes. A. I. Aleiner. Trudy LPI no. 219:101-107 '62.

POPLAR see subdivision under Central Europe, Rossosh' District; Ukraine, White Russia

POPOV, ALEKSANDR SERAFIMOVICH, 1905-1949

A. S. Serafimovich and I. V. Michurin. S. I. Rudnitsa. Priroda 51 no. 12 76-77 D '62.

POPOVICH, PAVEL ROMANOVICH, 1930-

Here served the astronaut No. 4. Kryl. rod. 13 no. 11: 10-11 N '62.

Meetings with Pavel Popovich. Vladimir Mikhailchenko. Sov. Ukr. 12 no. 10:127-130 O '62.

Our cosmonaut went hunting. M. Zorenko. Ukraina no. 24 20-20 D '62.

POPULATION

(see also subdivision under Samarkand Province)

"People! Challenge to survival" [in English] by William Vogt. Reviewed by A. Popov. Mir. ekon. i mezhdunar. otn. no. 12:121-122 D '62.

PORK—GRADING

Pork meat. G. A. Faleev, L. A. Goluboeva. Standartizatsiia 26 no. 11 48-49 N '62.

PORK INDUSTRY see subdivision under Poland

POROSITY

Development of submicroporosity in composite electrolytic films of the system Cu - Ni during heating and under load. B. IA. Pines. R. L. Kuznetsova, M. I. Dubovik. Fiz. tver. tela 4 no. 12;3409-3411 D '62.

Formation and propagation of pores during the welding of the AMg6 alloy. G. N. Nikiforov, S. A. Silant'eva. Svar. proizv. no. 12:1-5 D '62.

Method of determining the porosity and structure of porous space in coherent rocks. N. P. Strelianov. Geol. rud. mestorozh. no. 5:96-98 S-O '62.

POROUS MATERIALS

Capillary penetration in ideal and real loose-porous materials. A. N. Braslavskii. Zhur. prikl. khim. 35 no. 10:2231-2236 O '62.

Determination of the free volume (porosity) in a layer of plant materials. T. A. Zamorueva, IU. N. Slavianov. Izv. vys. uch. zav.; khim. i khim. tekh. 5 no. 4:655-659 '62.

PORPHYRINURIA

Porphyria and its significance in anesthesiology. I. M. Bauchidze. Vest. AMN SSSR 17 no. 8:75-82 '62.

PORPHYRY

Concerning the remarks by G. T. Voloshnykh and others on the article "Metasomatic zoning in the argillization of granite-porphyries in contact ore bodies." IU. V. Kazitsyn, G. V. Aleksandrov. Geol. rud. mestorozh. no. 6:101-102 S-O '62.

PORTAL HYPERTENSION

Control of profuse hemorrhages from esophageal varices [with summary in English]. T. O. Kostiukina. Vest. khir. 88 no. 9:40-44 S '62.

Renal function in omentorenopexy in portal hypertension; an experimental study. V. A. Vasilenko. Urologiia no. 5:8-11 '62.

Significance of vascular organic anastomoses in treating portal hypertension. M. K. Ashrapova. Klin. med. 40 no. 10;76-81 O '62.

PORTLAND CEMENT

Effect of various mineral additives on the strength of portland cement during its hydrothermal treatment. I. Kh. Kolontarov, A. I. Stravchinskii. Uzb. khim. zhur. 6 no. 5 20-24 '62.

PORTUGAL—CIVIL RIGHTS

Portugal: For amnesty and freedom! Mol. mira no. 5/6: 28-29, 33 '62.

PORTUGAL—YOUTH

Portugal: For amnesty and freedom! Mol. mira no. 5/6: 28-29, 33 '62.

POSITRONS

Electron and positron interactions at high energies. V. N. Baier. Usp. fiz. nauk 78 no 4:619-652 D '62.

POSTAGE STAMPS

Heralds of friendship. I. Mozheiko. Az. i Afr. segodnia no. 11:60 N '62.

POSTAGE STAMPS—CATALOGS

[Postage stamps of the U. S. S. R., 1960-1961, a catalog] Pochtovye marki SSSR, 1960-1961, katalog. Moskva, M-vo kul'tury RSFSR, Glav. Filatelisticheskaia kontora, 1962. 63 p.

POSTAGE STAMPS—TOPICS—AIRPLANES

Tales told by the postage stamps. I. Kostenko. IUn. tekh. 7 no. 11 32 N '62.

POSTAL CARDS

In answer to an invitation. G. Oreshkina. Sov. knizh. torg. 14 no. 11:10 '62.

Plans for publishing. E. Fainshtein. Sov. knizh. torg. 14 no. 11:17-18 '62.

Postal cards; some suggestions. N. Baburina. Sov. knizh. torg. 14 no. 11:15-16 '62.

POSTERS

The language of a poster. V. I. Shastin. Agitator no. 12:14-16 Je '62.

The poster in the service of agriculture. V. Lugovisov. Sov. knizh. torg. 14 no. 11:27 '62.

POSTERS—EXHIBITIONS

Exhibition of forms of visual propaganda. N. Kabitskaia. Sov. knizh. torg. 14 no. 11:22 '62.

POTASSIUM

Concrete supports for potassium mine shafts. M. I. Subbotkin, L. G. Tokareva, I. E. Baier. Mont. i spets. rab. v stroi. 24 no. 12:17-19 D '62.

Induced conductivity in germanium under bombardment with potassium ions. I. A. Abrosian. Fiz. tver. tela 4 no. 10:2710-2726 O '62.

POTASSIUM—ANALYSIS

Effect of certain cations on the determination of potassium by the gravimetric perchlorate method [with summary in English]. V. N. Tikhonov, M. IA. Grankina. Zhur. anal. khim. 17 no. 6:917-921 N '62.

POTASSIUM—ISOTOPES

Detection of the isotope K^{40} by the method of optical orientation of atoms. E. B. Aleksandrov, V. A. Khodovoi. Opt. i spektr. 13 no. 5:751-752 N '62.

POTASSIUM CHLORIDE

Effect of an additional component on the solubility in demixing solvents. Part 3: Effect of benzene on the solubility of potassium chloride in mixtures of propyl alcohol with water. A. S. Barkan, I. V. Rudakovskaia. Izv. vys. uch. zav.; khim. i khim. tekh. 5 no. 1:559-563 '62.

POTASSIUM FERRICYANIDE

Spin-lattice relaxation in $K_3(Co, Fe)(CN)_6$. I. V. Ovchinnikov. Fiz. tver. tela 4 no. 10:2750-2754 O '62.

POTASSIUM IN THE BODY

Determining the potassium and sodium content of isolated muscle fibers by spectrum analysis [with summary in English]. L. A. Voronova. Vest. LGU 17 no. 21:86-93 '62.

Potassium and sodium distribution in the different sections and tissues of the heart of different animals [with summary in English]. V. S. Sal'manovich. Biul. eksp. biol. i med. 54 no. 11:58-62 N '62.

POTASSIUM IODIDE

New determination of the equilibrium constant of $I_2 + I^- \rightleftarrows I_3^-$ by the distribution method. E. N. Rengevich, E. A. Shilov. Ukr. khim. zhur. 28 no. 9:1080-1086 '62.

POTASSIUM NICKEL FLUORIDE—MAGNETIC PROPERTIES

New group of antiferromagnetics with a K_2NiF_4 structure. G. A. Smolenskii, V. M. IUdin, E. S. Sher. Fiz. tver. tela 4 no. 11:3350-3351 N '62.

POTASSIUM PERMANGANATE

Volumetric determination of cobalt by means of potassium permanganate. G. P. Aleksandrov, IA. N. Shuter, IU. V. Shevchenko. Ukr. khim. zhur. 28 no. 7:871-874 '62.

POTASSIUM SALTS see subdivision under Siberia

POTASSIUM SULFATE

Effect of the radioactive radiation of the solid phase on the kinetics of potassium sulfate recrystallization. Vikt. I. Spitsyn, V. V. Gromov. Dokl. AN SSSR 147 no 3:663-666 N '62.

POTATO BEETLE

(see also subdivision under Lvov Province; Transcarpathia)

Insectary of the Kaliningrad Branch Station of the All-Union Institute of Plant Protection. M. G. Keiset ukhskii. Zashch. rast. ot vred. i bol. 7 no. 4 53 Ap '62.

Mist spraying against the Colorado beetle. V. P. Bondin and others. Zashch. rast. ot vred. i bol. 7 no. 6:50-53 Je '62

POTATO BEETLE—EXTERMINATION see subdivision under White Russia

POTATO ROT

Recent developments in the studies on the potato late blight. T. I. Fedotova. Zashch. rast. ot vred. i bol. 7 no. 4 56 Ap '62.

Wintering of the potato and tomato late blight. N. F. IUrova. Zashch. rast. ot vred. i bol. 5 no. 2:29-31 F '60

POTATOES

(see also subdivision under Armenia; Stepanavan District)

Improvement of the planting apparatus of the SN-4A potato planter. S. Zamulin, M. Biriukov. Tekh. v sel'khoz. 22 no 10:52 O '62.

Kulazhenka, A. M. [High potato yields in peat soils] Vysoki urazhai bul'by na torfianikakh. Minsk, Dziarzh. vyd-va sel'skahaspadarchai lit-ry BSSR, 1962. 11 p. (Bibliatechka peradavoha vopytu) (DNAL)

Machinery for postharvest processing of potatoes. N. N. Kolchin. Trakt. i sel'khozmash. 32 no 0:27-28 S '62

Pavlovskii, N. N., and A. T. Bellan. [High potato yields] Vysokie urozhai kartofelia. Moskva, Sel'khozizdat, 1962. 53 p. (DNAL)

Separation of potatoes from rocks and clods using an electronic discriminator. S. N. Krasheninnikov. Trakt. i sel'khozmash. 31 [1 e 32] no 11 25-26 N '62

POTATOES—DISEASES AND PESTS

(see also subdivision under Ukraine)

Early harvesting reduces the virus infection of potatoes. Zashch. rast. ot vred. i bol. 6 no. 8:56 Ag '61.

Removing potato tops before harvesting. A. V. Voevodin. Zashch. rast. ot vred. i bol. 5 no 2-27-28 F '60.

Stem nematode of potatoes. M. V. Bordukova. Zashch. rast. ot vred. i bol. 6 no. 8 39 Ag '61.

Virus diseases of potatoes. A. E. Protsenko. Zashch. rast. ot vred. i bol. 6 no. 8:37-38 Ag '61.

POTEBNIA, ALEKSANDR AFANAS'EVICH, 1835-1891

Aleksandr Potebnia [in Latvian]. J. Loja. Izv. AN Latv. SSR no. 3:139-142 '61

POTENTIAL, THEORY OF

Asymptotic representations of Green's functions and the vertex function in quantum electrodynamics [with summary in English]. P. I. Fomin. Zhur. eksp. i teor. fiz. 43 no. 5:1934-1939 N '62.

Determining the critical temperature of a superconductor. V. A. Moskalenko. Fiz. tver. tela 4 no. 10:2770-2776 O '62.

Martin, Paul and Julian Schwinger. [Theory of many-particle systems. Brownian motion of a quantum oscillator. Translated from the English] Teoriia sistem mnogikh chastits. Brounovskoe dvizhenie kvantovogo ostsilliatora [by] Julian Schwinger. Moskva, Izd-vo inostr. lit-ry, 1962. 167 p.

On the double layer potential for nonregular regions. IU. D. Burago, V. G. Maz'ia, V. D. Sapozhnikova. Dokl. AN SSSR 147 no. 3:523-525 N '62.

Theory of a Fermi fluid consisting of two types of particles. Application to the nucleus [with summary in English]. A. B. Migdal. Zhur. eksp. i teor. fiz. 43 no. 5:1940-1952 N '62.

POTENTIOMETER

Automatic control of precision-regulation potentiometers. E. L. Kantor. Izm. tekh. no. 12:36-40 D '62.

Use of the IPP-09 potentiometer as a program regulator in wood drying. E. K. Muradian. Der. prom. 11 no. 11: 20-21 N '62.

POTENTIOMETRIC ANALYSIS

Potentiometric study of the reactions underlying the catalytic hydrogenation in the gas phase. V. A. Druz', D. V. Sokol'skii. Trudy Inst. khim. nauk AN Kazakh SSR 8:45-55 '62.

Titrimetric determination of palladium with a bivalent vanadium salt solution [with summary in English]. S. I. Gusev, L. A. Ketova. Zhur. anal. khim. 17 no. 8:1016-1019 N '62.

Use of an aqueous solution of iodine bromide in potentiometric titration. S. N. Nazrulaev, A. I. Gengrinovich, A. M. Murtazaev. Uzb. khim. zhur. 6 no. 5:29-32 '62.

POTTERY see subdivision under Lvov Province; Ukraine, Western

POTTERY, GREEK see subdivision under Cimmerian Bosporus (Kingdom), Panticapaeum

POTTERY, GREEK—MARKS see subdivision under Panticapaeum

POULTRY

Practices in specialized poultry raising in the trans-Volga region, 213 eggs per layer in a flock of 30,000 hens. L. K. Rollo. Zhivotnovodstvo 24 no 9 13-20 S '62

Productive work of students on chicken breeding. I. E. Tugutova. Biol. v shkole no. 4 54-57 Jl-Ag '62.

Staravoitau, V. K. [One hundred and fifteen tons of poultry meat and one million eggs is only the beginning] 115 ton ptushynaha masa i mil'en iaek - tol'ki pachatak. Minsk, Dziarzh. vyd-va sel'skahaspadarchai lit-ry BSSR, 1962. 22 p. (Bibliatechka peradavoha vopytu) (DNAL)

Ways for increasing meat production on the collective and state farms of the North Ossetian A. S. S. R. G. F. Mukhin. Izv. Sev.-Oset. nauch.-issl. inst. 22 no 3 266-282 '60

POULTRY—FEEDING AND FEEDS

Chicken growth stimulant "Biovite-50" containing vitamin B_{12} and biomycin [in Latvian with summaries in English and Russian]. R. Andrusaite. Izv. AN Latv. SSR no. 3:91-96 '61.

POULTRY—PARASITES see Parasites—Poultry

POULTRY—PHYSIOLOGY

Effect of surrounding thermal conditions on the daily temperature rhythm of the fowl body. S. K. Karapetian, R. A. Arutiunian. Izv. AN Arm. SSR Biol. nauki 15 no. 11:3-10 N '62.

POULTRY—PRESERVATION

Residual amount of chlortetracycline in the meat and by-products of poultry treated with antibiotics. V. Stepanov. Mias. ind. SSSR 33 no 5:57-58 '62

POULTRY, CANNED

Canned poultry. O. P. Moskaleva, A. V. Nikolaeva. Standartizatsiia 26 no. 11 37-38 N '62.

POULTRY PLANTS

Quality of duck meat preserved with the sublimation method. E. Tkachenko. Mias. ind. SSSR 33 no. 5:39-42 '62.

POWDER METALLURGY

Data on the ternary system titanium - boron - chromium [with summary in English]. T. F. Fedorov and others. Poroshk. met. 2 no. 6:42-49 N-D '62.

Determining the structure and dispersion of nickel-chromium powders obtained by the electrolytic method. I. A. Arbuzova. Shor. nauch. rab. Inst. metallofiz. AN URSR no. 15:132-146 '62.

Interaction of tungsten carbide with high-melting metal oxides in vacuum [with summary in English]. G. P. Shveikin. Poroshk. met. 2 no. 6:67-71 N-D '62.

Presnov, V. A., IU. B. Novodvorskii, and M. P. IAkubenia. [Principles of the techniques and physics of bonding] Osnovy tekhniki i fiziki spaia. Pod red. V. A. Presnova. Tomsk, Izd-vo Tomskogo univ., 1961. 233 p.

POWDER METALLURGY—BIBLIOGRAPHY see Bibliography—Powder metallurgy

POWDER METALLURGY—CONGRESSES

Brief news. S. IA. Ploikin. Poroshk. met. 2 no. 6:106 N-D '62.

POWER ENGINEERING

Gutovskii, V. N. [Contributions of science to power engineering] Nauka - energetike. Moskva, Izd-vo "Znanie," 1962. 38 p. (Novoe v zhizni, nauke, tekhnike. X Seriia: Molodezhnaia, no. 23)

In the technical councils. Energetik 10 no. 10:38 O '62.

POWER ENGINEERING—BIBLIOGRAPHY see Bibliography—Power engineering

POWER ENGINEERING—COSTS

Fridman, S. L. [Cost problems in power engineering] Voprosy sebestoimosti v energeticheskom stroitel'stve. Moskva, Gosenergoizdat, 1962. 271 p.

POWER ENGINEERING—STUDY AND TEACHING

The cultivation of creative engineers. E. Sychevskii, V. Vashchenko, V. IAgov. Agitator no. 12:51-54 Je '62.

POWER PLANTS

Gurevich, M. S., and P. D. Fedorov. [Heat and electric-power supply plants in sugar factories] Teplosilovoe khoziaistvo sakharnykh zavodov. Kiev, Gostekhizdat USSR, 1962. 379 p.

POWER PRESSES

Characteristics of power presses with various types of driving used in the clothing industry. N. S. Kuzin. Shvein. prom. no. 6:16-18 N-D '62.

Modernization of forging crank presses at the Voronezh TMP plant. V. I. Degtiarev, P. N. Vysotskii. Kuz.-shtam. proizv. 4 no. 10:39-42 O '62.

POWER PRESSES—SAFETY APPLIANCES

Safety appliances for presses. V. Mikhailova. Okhr. truda i sots. strakh. 5 no. 11 54 N '62.

POWER PRESSES—WELDING

Introducing welding in carbon dioxide in the manufacture of forging presses. Iu. N. Zaitsev, G. D. Korenkov. Svar. proizv. no. 9 23-25 S '62.

POWER RESOURCES

Features of hydroelectric power in the economy of fuel. L. A. Karol'. Trudy MEI. no. 35 5-18 '61.

POWER TOOLS

Hydraulic dismounting device. S. Afonin. Avt. transp. 40 no. 12 24-25 D '62.

Hydraulic stand for riveting brake shoes. V. Faiber. Avt. transp. 10 no. 12 43 D '62.

PRAGUE—POTTERY—EXHIBITIONS

Life and ceramics. L. Zhidova, N. Voronov. Iskusstvo 25 no. 10, 38-45 '62.

PRAGUE—SERVICE INDUSTRIES

For all the inhabitants of Prague. Adolf Svoboda. Sov. deput. trud. no. 12 97-102 D '62.

PRAGUE—VISITORS, AMERICAN

An American in Prague. Vasek Kana. Nov. vrem. 20 no. 51 29 D '62.

PRASEODYMIUM CHLORIDE

Interaction of praseodymium chloride with sodium and potassium chlorides in melts. Z. N. Sheytsova, E. N. Korzina, B. G. Korshunov. Zhur. neorg. khim. 7 no. 11 2596-2599 N '62.

PRAVDITE

Pravdite, the new rare-earth mineral. A. N. Nurlybaev. Dokl. AN SSSR. 147 no. 3 689-691 N '62.

PRAYER (JUDAISM)

Poisonous prayers. A. Blokh. Nauka i rel. 4 no. 12, 31 D '62.

PRECAST CONCRETE

(see also subdivision under Kherson Province)

Cement requirements of precast reinforced concrete. A. E. Shetkin. TSement. 28 no. 6 6-8 N-D '62.

Conical spun reinforced concrete piles. B. I. Remizov. Transp. stroi. 12 no. 11 56 N '62.

Generalized method of designing eccentrically compressed reinforced concrete elements for strength when asymmetrically reinforced by a method of calculated limiting conditions. M. A. IAkubovich. Trudy GPI [Gruz.] no. 5 3-11 '61.

Improve the factory production of series 1-464 large-panel buildings. S. Plotkin. Bud. mat. i konstr. 4 no. 5 1-6 N-D '62.

Manufacture of large reinforced concrete elements in portable steam chambers. M. A. Prokhorov. Prom. stroi. 40 no. 12 44-48 '62.

Modernization of processes of manufacturing floors on units with concreting combines. V. I. Ovcharov. Mekh. stroi. 19 no. 12 5-6 D '62.

Overall mechanization of the feeding of a concrete mix to molds. A. IFntys. Bud. mat. i konstr. 4 no. 6, 55-57 N-D '62.

Precast reinforced concrete elements for industrial construction manufactured on multiple-hollow units. Iu. N. Afanas'ev, S. V. Botvinik. Prom. stroi. 40 no. 11 14-19 '62.

Statistical calculation of elements of ordinary and prestressed reinforced concrete. M. Tichy, M. Vorlicek. Bet. i zhel.-bet. 8 no. 9 425-427 S '62.

Tables for making calculations for centrally compressed elements and flexible elements. B. Bazi. Bud. mat. i konstr. 4 no. 6 40-43 N-D '62.

Unit-flow line in the manufacture of outside wall slabs for series 1-464A houses. A. A. Gromov. Mekh. stroi. 19 no. 12 3-4 D '62.

Use of reinforced concrete formwork in place of wooden. I. Rakhman. Bud. mat. i konstr. 4 no. 6 27-30 N-D '62.

PRECAST CONCRETE—CURING

Akademiia stroitel'stva i arkhitektury SSSR. Institut betona i zhelezobetona. Perovo. [Instructions on curing concrete and reinforced-concrete products at plants and building sites] Instruktsiia po propariyaniju betonnykh i zhelezobetonnykh izdelii na zavodakh i poligonakh. Moskva, Gosstroiizdat, 1962. 33 p.

PRECAST CONCRETE—TESTING

Deformations and strength of types of concrete under various speeds of loading. O. P. Kvirikadze. Trudy GPI [Gruz.] no. 5 65-78 '61.

PRECAST CONCRETE CONSTRUCTION

(see also subdivision under Germany, East; Great Britain; Kirvoy Rog; Leningrad Economic region; Moscow; Rostov)

Akademiia stroitel'stva i arkhitektury SSSR. Institut organizatsii, mekhanizatsii i tekhnicheskoi pomoshchi stroitel'stvu. [Houses made of keramzit-concrete slabs] Doma iz keramzitobetonnykh panelei; opyt kombinata zhelezobetonnykh izdelii No. 355. Moskva, Gosstroiizdat, 1962. 20 p.

[MICROFILM]

Analysis of the technical and economic indices of precast reinforced concrete mooring structures. D. I. Savkovskii. Transp. stroi. 12 no. 11 39-41 N '62.

Construction of bridge footings made of reinforced concrete shells in deposits of gravel and boulders. M. IA. Shklovskii and others. Transp. stroi. 12 no. 11 23-25 N '62.

Construction of houses from keramzit-concrete slabs. Romashko, G. Garkavenko. Na stroi. Ros. 3 no. 9 31-33 S '62.

Design of a low-pressure hydroelectric development in precast reinforced concrete. L. B. Sheinman, G. V. Rubinshtein. Gidr. stroi. 33 no. 10 14-20 O '62.

Erection of an embankment made of precast reinforced concrete elements. I. V. Abramovich. Mont. i spets. rab. v stroi. 24 no. 11 13-15 N '62.

For further improvement of the organization and mechanization of foundation construction work in large-panel construction. M. G. Efremov, M. I. Smorodinov. Osn., fund. i mekh. grun. 4 no. 5 1-2 '62.

Large-panel apartment houses with perlite concrete slabs for the exterior walls. N. V. Morozov, M. V. Strikevskii. Bet. i zhel.-bet. 8 no. 9 408-410 S '62.

Manufacture and erection of series 1-480-1g buildings. I. Vovk, V. Popov. Bud. mat. i konstr. 4 no. 6 16-20 N-D '62.

Organization of work at large-panel housing construction enterprises. E. Tesler. Bud. mat. i konstr. 4 no. 6 11-15 N-D '62.

Pig sty and fattening yard made of keramzit concrete slabs. I. Barenburg. Sel'. stroi. no. 11 7-8 N '62.

Precast reinforced concrete elements for agricultural construction. D. D. Lukhtanov. Bet. i zhel.-bet. 8 no. 9 2 of cover, 394-396 S '62.

Precast reinforced concrete footings for medium-sized and large bridges. Z. V. TSagareli. Trudy GPI [Gruz.] no. 5 123-128 '61.

Sewer wells made of precast reinforced concrete. V. A. Nazarenko. Vod. i san. tekh. no. 11 25-26 N '62.

The strength of joints of concrete elements based on cement mortars with additions of polymers. O. Kaljshuk, A. Domasheva'kyi, P. Mokhnachenko. Bud. mat. i konstr. 4 no. 6 36-39 N-D '62.

The vertical flow method. S. Bulgakov, V. Fisenko. Na stroi. Ros. 3 no. 9 35-37 S '62.

Ways to lower the labor input and cost of building precast reinforced concrete bridges. V. P. Kamentsev. Transp. stroi. 12 no. 10 30-33 O '62.

PRECAST CONCRETE CONSTRUCTION—EQUIPMENT AND SUPPLIES

Equipment for the assembly of large-panel apartment houses. Stroitel'. 8 no. 9, 19-22 S '62.

PRECIPITATION (*CHEMISTRY*)

Conditions of precipitation of germanium with magnesium and iron. A. A. Shokol, L. P. Andrusenko. Ukr. khim. zhur. 28 no. 9 1009-1013 '62.

PREFABRICATED BUILDINGS see Buildings, Prefabricated

PREGNANCY

(see also subdivision under Apsheron Peninsula)

Cancer of the uterus and pregnancy. B. L. Basin. Med. zhur. Uzb. no. 3 62-64 Mr '62.

PREGNANCY, COMPLICATIONS OF

Pregnancy and labor in women with an atrioventricular conduction disorder [with summary in English]. L. V. Vanina, M. N. Malkova, M. M. Shekhtman. Kardiologiia. 2 no. 5 65-69 S-O '62.

PRESS

Forty-five years and what years! Sov. pech. no. 11 1-3 N '62.

"The press" by M. Gorkii. Reviewed by L. Rechmedin. Sov. pech. no. 11 47-48 N '62.

PRESSING OF GARMENTS

Characteristics of power presses with various types of driving used in the clothing industry. N. S. Kuzin. Shvein. prom. no. 6 18-19 N-D '62.

PRESTRESSED CONCRETE

(see also subdivision under Germany, East)

Problems of the manufacture of prestressed concrete elements at building sites. IA. M. IAkobson. Prom. stroi. 40 no. 12, 39-44 '62.

Study of the support of a face by transverse force under flexure of prestressed two-layer beams. V. Savchenko-Bielia'kyi. Bud. mat. i konstr. 4 no. 6 21-24 N-D '62.

Unit production-line technique for the manufacture of bridge spans. I. Iu. Barenboim, E. P. Dubrova. Transp. stroi. 12 no. 11 19-23 N '62.

PRESTRESSED CONCRETE—CONGRESSES

International symposium on grouting of prestressed concrete elements. A. A. Shishkin, N. G. Metkov. Bet. i zhel.-bet. 8 no. 9 427-433 S '62.

PRESTRESSED CONCRETE—TESTING

Study of the bearing capacity, crack resistance and deformability of biaxially prestressed concrete slabs and channel slabs. B. Lysytsyn. Bud. mat. i konstr. 4 no. 6 24-27 N-D '62.

PRESTRESSED CONCRETE CONSTRUCTION

The design of arches erected using prestressed welded. V. A. Slovinskii. Trudy GPI [Gruz.] no. 5 111-119 [illegible]

Prestressed bridge span. D. Aizikov. Stroi. i arkhit. 10 no. 11 23-25 N '62.

PRICES

Mervart, Josef. [Price determination in international commerce. Translated from the Czech] Tsenoobrazovanie v mezhdunarodnoi torgovle. Pod red. i vstup. stat'ei G. S. Reginskogo. Moskva, Izd-vo inostr. lit-ry, 1962. 350 p.

PRIDOROGIN, MIKHAIL IVANOVICH, 1862-1921

Mikhail Ivanovich Pridorogin. V. T. Landa [and others]. Voprosy filosofii i psikhol. nauky. 5 no. 11, 112-113 N '62.

PRIMAKOV, VITALII MARKOVICH, 1897-1921

A legendary hero of the civil war; on the 65th anniversary of V. M. Primakov's birth. K. F. Malyshkin. Ukr. istor. zhur. 6 no. 6, 136-139 N-D '62.

PRIME NUMBERS see Numbers, Prime

PRIMEROV, BORIS

Music of the heart. Anatolii Kolkin. Ogonek. 40 no. 40 16 S '62.

PRIMITIVE AGRICULTURE see Agriculture, Primitive

PRIMITIVE ART see Art, Primitive

PRINTING

[Automation in printing; a collection of translations] Avtomatizatsiia v poligrafii, sbornik perevodov. Pod red. i s predisl. A. N. Chernyshova. Moskva, Izd-vo inostr. lit-ry, 1961. 480 p.

PRINTING INDUSTRY

(see also subdivision under Lvov, Saratov Province)

Direct every effort to fulfilling the decisions of the party. Poligr. proizv. no. 12 1-2 D '62.

More about planning methodology. I. S. Savitskii. Poligr. proizv. no. 12 4-6 D '62.

Only good books. L. Grashko. Sov. knizh. torg. 14 no. 11 33-34 '62.

PRINTING INDUSTRY—EQUIPMENT AND SUPPLIES

[Equipment and technology of the printing industry] Ref. zhur. Otd. vyp. 3 Obor. i tekh. poligr. proizv. no. 24 D '62.

PRINTING INDUSTRY—SAFETY MEASURES

Their example is worth following. Iu. Vishnevetskii. Poligr. proizv. no. 12 19 D '62.

PRINTING MACHINERY AND SUPPLIES

Improve the work of printing machine constructors. I. I. Shekhmeister. Poligr. proizv. no. 12 11-13 D '62.

Introduce the achievements of the modern science of colloids into the printing industry. L. A. Kuznetsova, V. S. Lapatukhin. Poligr. proizv. no. 12 21-23 D '62.

New developments in foreign printing [from foreign magazines]. Poligr. proizv. no. 12 20-21 D '62.

Our suggestions. V. A. Noskov. Poligr. proizv. no. 12 20-21 D '62.

Printing enterprises need modern equipment. A. M. Vasil'ev. Poligr. proizv. no. 12 9-10 D '62.

Problems requiring a solution. A. Prokhovnik. Poligr. proizv. no. 12 7-8 D '62.

Production and use of polyester urethan rollers. M. Gutnik. Poligr. proizv. no. 12 15-16 D '62.

Standard dimensions of machines for single-process etching of printing plates. A. G. Emelin. Poligr. proizv. no. 12 13-14 D '62.

Unit for washing the mandrels of the "POGA" machine. V. A. Rubtsov. Poligr. proizv. no. 12 17 D '62.

PRINTING PLANTS—AIR CONDITIONING

Basic layouts of the treatment of air and automatic control of conditioners in printing plants. Iu. N. Khomutetskii. Vod. i san. tekh. no. 11 15-18 N '62.

PRIPET VALLEY—OIL SANDS

Some data on lithopetrographic studies of fracture rocks in Upper Devonian sediments of the Pripet [illegible]. Z. N. Ipatova. Trudy VNIGRI no. 193 66-68 '62.

PRISONS

Examination of cases concerning the disorganization of the work of prisons and reformatories. G. Chernyshev. Sov. iust. no. 10 22-23 My '62.

PRIZE-FIGHTING see Boxing

PROBABILITIES

Certain conclusions drawn from the theory of the [illegible] field of the probability amplitude [with summary in English]. I. V. Khimich, Iu. M. Lomandze, I. Iu. Krya[illegible]. Ukr. fiz. zhur. 7 no. 9 967-974 S '62.

PROBABILITIES—CONGRESSES

[illegible] on Probability Theory and Mathematical Statistics and of the Colloquy on Distributions in Infinite-Dimensional Spaces] Trudy. Vil'nius, Gos. izd-vo polit. i nauch. lit-ry Litovskoi SSR, 1962. 403 p.

EE BODIES

obability of capture in the problem of ...olatnosti zakhvata v zadache trekh ...-ye Akad. nauk Armianskoi SSR, 1961.

SCOPY

... in balantidiasis V.G. Khanitsov, ... 8 23-29 '62.

...se of the potentials of the cooperative Z. Lekhova. Sov.potreb.koop. 6 ...d.

... technology of state deliveries of ...duce and raw materials" by T.P. ...ewed by S.Liutostanskii Sov.potreb. ...7-59 S '62.

—ACCOUNTING

...ms of state delivery organizations for ...ova Vest.stat no.11 75 '62

'TROL

...ion control in production. V.V. Mol... ...kh. no.12 55-57 D '62.

S METHODS see Assembly-line

NDARDS

...ation under Astrakhan Province; White Russia)

...mproving the organization of establish... ...ndards. Sots.trud 7 no.11:105-107 N ...

...er establishing technical standards" ...book review. Stos.trud 7 no.11:157-...

COUNTING

...ation under Azerbaijan, Germany, ...

...y practice V.Novikov. Sots.trud ... '62.

...productivity. V.Derkach Vest.stat ...

... in a socialist economy. I.Gatovskii ...no 10 60-72 D '62

STRUCTION

...netics in programmed instruction in ...summary in English]. D.A.Kerimov. ...,23:116-119 '62.

...LECTRONIC COMPUTERS)

...ing the conversion of a calculational ...Shirinov, F.A.Taglev. Trudy Vych. ...SSR 1:13-16 '62.

...s for the BESM-2 of the Computation ...demy of Sciences of the U.S.S.R.] ...M-2 no.5 '62.

...ATHEMATICS)

[Elements of computer mathematics] ...tel'noi matematiki. Moskva, 1962. 260 p.

...S—BIBLIOGRAPHY see Bibliog... ...d books

METRY see Geometry, Projective

...EI SERGEIEVICH, 1891-1953

...G.IA.Edel'man, eds. [Sergei 1953; articles and materials] Sergei 1953; stat'i i materialy. Moskva, ...vetskii kompozitor," 1962. 382 p.

...teristics of prolamins of various ...lectrophoretic method [with summary ...L. Medvedeva. Trudy VNIIZ no.38

...benzene with isopropyl chloride in ...luminum chloride. E.P.Rubin, A.A. ...kat. 3 no.6,855-860 N-D '62.

...pellers and oil pipes. V.Sokolov, ... no.12:30-31 D '62.

...ASUREMENT

...ing the pitch of ship propellers with ...M.Kuteman, S.V.IAkovovskii. Izm. ... D '62.

...of styrene with propylene in the ...terogeneous Ziegler-Natta catalytic ...mary in English]. G.A.Razuvaev, ...Z. Shapiro. Vysokom. soed. 4 D '62.

...compounds with a closed π-conjugate ...on the stereospecific polymerization ...A.Razuvaev, K.S.Minsker, R.P. ...kol.AN SSSR 147 no.3:636-638 N

Kinetics and mechanism of α-olefin polymerization on complex catalysts. Part 6. Polymerization of propylene in the presence of $TiCl_3$ and $Be(C_2H_5)_2$. A.P. Firsov and others. Vysokom. soed. 4 no.12 1812-1816 D '62

Nitration of perfluoropropylene with nitrogen dioxide. I.L. Knunyants, A.V. Fokin, V.A. Komarov. Zhur. VKHO 7 no.6-709-710 '62

Preparation and identification of a graft copolymer "atactic polypropylene-polystyrene" [with summary in English]. A. Romanov, M. Lazar. Vysokom. soed. 4 no.12 1867-1871 D '62.

PROPENE—OPTICAL PROPERTIES

Tensile strength and birefringence of caprone and polypropylene fibers. M.I. Milagin, N.I. Shlobkin. Fiz. tver. tela 4 no.12 3578-3580 D '62

PROPERDIN

Properdin indices in tuberculosis in infants. G.A. Mikhaeva, A.A. Efimova. Probl.tub. no.7 92-96 '62.

Role of the properdin test in evaluating the body's reaction to burn trauma [with summary in English]. R.I. Muradian, L.L. Cherikov. Klin. med. 40 no.10: 33-35 O '62.

PROPIONIC ACID

Esterification of α,β-acetylenecarboxylic acids by the azeotropic method. F.L. Gitsblat, V.IA. Kazakov. Izv. vys. uch. zav.; khim. i khim. tekh. 5 no.4:601-603 '62.

PROPIONIBACTERIUM

Enrichment of dairy products with vitamin B_{12} by means of Propionibacterium [with summary in English]. L.A. Kruglova. Izv. TSKhIA no.4:208-213 '62.

PROPYLENE PHOSPHITE

Interaction of 2,3-dimethylbutadiene with ethylene- and propylene chlorophosphites. B.A. Arbuzov, L.A. Shapshinskaia, V.M. Vlokhina. Izv. AN SSSR Otd. khim. nauk no.11:2071-2076 N '62.

PROSOBRANCHIATA see subdivision under Kurile Islands

PROSPECTING

(see also subdivision under Astrakhan Province, Daghestan, Kalmyk A.S.S.R., Mongolia)

Applying the theory of probabilities to the analysis of the density of the pattern of test holes by the conditional spacing method. M.A. Trmakov. Izv. AN Kazakh SSR. Ser. geol. no.5-91-101 '62.

Burov, A.P. [How to search for diamonds] Kak iskat' almazy. Izd.2. Moskva, Gosgeoltekhizdat, 1962. 36 p. (Bibliotechka iskatelia poleznykh iskopaemykh)

Chernosvitov, IU.L. [How to search for clay deposits] Kak iskat' mestorozhdeniia gliny. Izd.3. Moskva, Gosgeoltekhizdat, 1962. 34 p. (Bibliotechka iskatelia poleznykh iskopaemykh)

Dubrovskii, V.V. [How to search for underground waters] Kak iskat' podzemnye vody. Izd.2., dop. i ispr. Moskva, Gosgeoltekhizdat, 1962. 35 p. (Bibliotechka iskatelia poleznykh iskopaemykh)

"Efficient method of prospecting for ore deposits" by V.I. Krasnikov. Reviewed by N.A. Bryzgalov. Geol. i razved. i okh. nedr. 28 no.5 105-107 S-O '62.

Gudkov, A.S. [How to search for piezooptical mineral resources] Kak iskat' p'ezoopticheskoe mineral'noe syr'e. Izd.2. Moskva, Gosgeoltekhizdat, 1962. 39 p. (Bibliotechka iskatelia poleznykh iskopaemykh)

In the Presidium of the Central Committee of the Trade Union of Prospecting Workers. I.I. Kirkukhin. Razved. i okh. nedr. 28 no.11:55-58 N '62.

Initial results of the work of geologists in implementing the resolutions of the 22d Congress of the CPSU. Razved. i okh. nedr. 28 no.11,1-4 N '62.

Mel'nikov, O.D. [Quartz veins and the minerals associated with them] Kvartsevye zhily i sviazannye s nimi poleznye iskopaemye. Izd.2. Moskva, Gosgeoltekhizdat, 1962. 40 p. (Bibliotechka iskatelia poleznykh iskopaemykh)

Oreshnikova, E.P. [How to search for kaolin and mineral dyes] Kak iskat' kaolin i mineral'nye kraski. Izd.2. Moskva, Gosgeoltekhizdat, 1962. 21 p. (Bibliotechka iskatelia poleznykh iskopaemykh)

Shifrin, D.V. [How to search for iron ores] Kak iskat' zheleznye rudy. Izd.2. Moskva, Gosgeoltekhizdat, 1962. 25 p. (Bibliotechka iskatelia poleznykh iskopaemykh)

Vol'fson, F.I., and L.I. Lakin. [What are ore deposits, where and how to search for them] Chto takoe rudnye mestorozhdeniia, gde i kak ikh iskat'. Izd.2., perer. Moskva, Gosgeoltekhizdat, 1962. 77 p. (Bibliotechka iskatelia poleznykh iskopaemykh)

PROSPECTING—GEOPHYSICAL METHODS

(see also subdivision under Azerbaijan, Kazakhstan, Krivoy Rog Basin; Siberia; Soviet Far East; Tatar A.S.S.R.)

Geophysical data on the Kholzun iron-ore deposit. V.A. Nassonov. Trudy SNIIGGIMS no.10:41-48 '60.

Methods for the combined geophysical study of oil-and gas-bearing structures in platform provinces. A.A. Borisov and others. Sov.geol. 5 no.11:15-35 N '62.

Principal results of gravity and magnetic studies prospecting for oil-bearing structure in Tatarstan and adjacent areas. A.G. Salikhov. Izv. Kazan. fil. AN SSSR Ser. geol. nauk no.8:23-38 '60.

PROSPECTING—TECHNOLOGICAL INNOVATIONS

Public review of the best organization of work in inventing and efficiency promotion in organizations and enterprises under the Ministry of the Geology and Conservation of Natural Resources of the U.S.S.R. Razved. i okh. nedr. 28 no.11 61-62 N '62.

PROSTATE GLAND—CANCER

Clinical aspects and treatment of cancer of the prostate. M. Enfedzhiev and others. Urologiia no.5 43-48 '62.

PROSTATE GLAND—DISEASES

Rare complication in the treatment of prostatitis. V.V. Vlasov. Urologiia no.5 62-63 '62.

PROSTATE GLAND—SURGERY

New method for suprapubic adenomectomy with a removable suture applied to the prostatic bed [with summary in English]. B. Bulanda. Urologiia no.5:48-51 '62.

PROTASOV, IVAN VASIL'EVICH, 1768-

"Staff physician, I.V. Protasov" by V.T. Seleznova. Reviewed by N.P. Fedotov. Sov.zdrav. 21 no.12 80-81 '62

PROTEASES

Evaluation of the colorimetric and precipitation methods of determining the proteolytic activity of duodenal juice. I.A. Klimov. Lab.delo 8 no.5 24-26 My '62

PROTECTIVE ATMOSPHERES

Automatic and semiautomatic welding in carbon dioxide in the automobile industry. A.I. Gullaev, A.L. Rastvorova. Svar.proizv. no.9,16-19 S '62.

Effect of conditions of semiautomatic welding in carbon dioxide on the mechanical properties of the weld metal. M.R. Shraerman, A.V. Nikonov. Svar.proizv. no.9: 19-22 S '62

Modernizing the TS-17M tractor for welding in an atmosphere of carbon dioxide. F.A. Gotlib, G.V. Reznik. Svar.proizv. no.5:31-35 My '62

Welding aluminum alloys with a consumable electrode in a mixture of argon with chlorine. V.D. Kodolov, V.N. Sorokin. Svar.proizv. no.12,16-19 D '62.

PROTECTIVE CLOTHING see Clothing, Protective

PROTECTIVE COATINGS

Adhesion of galvanic coatings to an electronegative base. N.A. Marchenko, I.N. Gladkii, Z.S. Raiber. Zhur. prikl. khim. 35 no.11:2115-2449 N '62.

Flame preserves dwellings. N. Dubrovskaia. Izobr.i rats. no.12,9 D '62.

Kinetics of sulfidizing cobalt at high temperatures. B. Mrowec, T. Veiber. Fiz.met.i metalloved. 14 no.5:770-771 N '62.

Protection of ground-level gas pipelines from corrosion in the Komi A.S.S.R. V.V. Mnev, P.P. Chernetsov. Stroi.truboprov. 7 no.11 20-21 N '62

Rubberizing of apparatus and pipes with ebonite. I.V. Birtukov, I.A. Savchuk, G.O. Berlovskii. Bum.prom. 37 no.11:26 N '62.

PROTECTIVE COATINGS—OPTICAL PROPERTIES

Polymer coating on metals for studying plastic deformations by the optical method. N.A. Shchegolevskaia and others. Izv.vys.uch.zav., khim.i khim.tekh. 5 no.4: 647-652 '62.

PROTECTIVE COATINGS—STANDARDS

Unification of specification symbols for protective coatings. Standartizatsiia 26 no.12:52 D '62.

PROTEIN HYDROLYSATES

Chemical and biological characteristics of liver hydrolysates. Report 1. Methods of obtaining liver hydrolysates [in Latvian with summaries in English and Russian]. I.Stapane. Izv.AN Latv.SSR no.1: 147-156 '61.

Chemical characteristics of protein hydrolysate from fibrin [with summary in English]. B. Damberga. Izv. AN Latv.SSR no.3:103-110 '61.

PROTEIN METABOLISM

Protein metabolism in peptic ulcer patients following stomach surgery [with summary in English]. V.S. Vasil'eva. Vrach.delo no.12:49-52 D '62.

PROTEINS

Determination of C-reactive protein in some diseases of the urogenital organs [with summary in English]. G.T. Trebka. Urologiia no.5:3-6 '62.

Diagnostic significance of the determination of C-reactive protein in vascular lesions of the nervous system [with summary in French]. Ch.L. Kasalitsa, I.IA. Dymshits. Zhur.nevr.i psikh. 62 no.8:1178-1180 Ag '62.

Effect of a high protein diet on the formation and excretion of some enzymes by the small intestine in chronic enteritis and enterocolitis [with summary in English]. K.B. Bakhadyrov. Vop.pit. 21 no.4:35-41 Jl-Ag '62.

PROTEINS (Continued)

Effect of meteorological factors (temperature and precipitation) on the accumulation of protein substances in different varieties of wheat and barley [with summary in English]. N. M. Sichkar'. Trudy VNIIZ no.38 163-173 '60

Effect of protein supplements to feed rations for pregnant sows on the size of the fetus and the consequent growth of young pigs. F. A. Kurman. Nauch. trudy Zootekh. fak. Khar. zoovet inst. 11:113-118 '62

Effect of ultraviolet irradiation on some physical characteristics of the protein of a hen's egg. N. A. Kodynets'. Visnyk sil'hosp. nauk, 5 no.11:88-89 N '62

Histochemical study of the proteins of precollagenous fibers in regenerating connective tissue [with summary in English]. S. G. Kolaeva. Biul. eksp. biol. i med. 54 no.11:98-101 N '62.

Parenteral protein feeding as one of the types of therapeutic nutrition, biological value of some preparations used for this purpose [with summary in English]. N. F. Koshelev. Vop. pit. 21 no.4:46-52 Jl-Ag '62.

The problem of proteins - the chief problem of biology and medicine. V. N. Orekhovich. Vest. AMN SSSR 17 no.9:3-10 '62.

Protein complex of the M2 Triticum-Agropyron hybrid and its parent forms [with summary in English]. N. A. Tumanova. Trudy VNIIZ no.38 153-162 '60.

Role of humoral factors of a peptide and protein nature in the regulation of capillary permeability. T. S. Paskhina. Vest. AMN SSSR 17 no.9 21-28 '62.

Sowing corn along with soybean as the possibility of accumulating proteins in feeds. A. N. Klechetov, M. F. Volkova, E. P. Saenko. Nauch. trudy Zootekh. fak. Khar. zoovet inst. 11:135-136 '62

Use of a protein hydrolysate from the Central Order of Lenin Institute of Blood Transfusion in some diseases of the digestive organs [with summary in English]. V. A. Oleneva, N. M. Gruzdeva. Vop. pit. 21 no.4: 42-45 Jl-Ag '62.

Zonal electrophoresis of protein fractions, glyco- and lipoproteins in some neuroinfections [with summary in English]. A. F. Makarchenko, N. B. Man'kovskii, B. A. Roitrub. Vrach. delo no.12:69-72 D '62.

PROTHROMBIN

Modified method for the determination of thrombotropin and prothrombin in the blood plasma. N. A. Shilko. Lab. delo 8 no.5:9-14 My '62

Prothrombin-forming function of the liver in patients with pneumoconiosis. L. I. Artaeva. Zdrav. Kazakh. 22 no.3 21-25 '62

Study of prothrombin in healthy children of preschool and school age [with summary in English]. V. A. Klucheva. Pediatriia no.7 40-44 '62.

PROTONS

Calculation of the proton affinity of methane and its homologs. A. A. Levin, V. M. Volkov. Zhur. strukt. khim. 3 no.6:721-723 '62.

Electron scattering on protons taking dipole moments into account [with summary in English]. A. A. Bogush, I. S. Satsunkevich. Zhur. eksp. i teor. fiz. 43 no.5, 1953-1956 N '62.

Polarization of protons in stripping reactions on light and medium nuclei [with summary in English]. M. V. Pasechnik, L. S. Saltykov, D. I. Tambovtsev. Zhur. eksp. i teor. fiz. 43 no.5:1575-1578 N '62.

Radiative capture of a μ^--meson by a proton [with summary in English]. G. A. Lobov, I. S. Shapiro. Zhur. eksp. i teor. fiz. 43 no.5:1821-1825 N '62.

Simple nuclear reactions on Ca^{48} induced by high-energy protons [with summary in English]. I. Levenberg, V. Pokrovskii, I. Utlandov. Zhur. eksp. i teor. fiz. 43 no.5 1619-1624 N '62.

Solov'ev, L. D. [Infrared singularities in electron-proton scattering] Infrakrasnye osobennosti v elektron-protonnom rasseianii. Dubna, Ob"edinennyi in-t iaderykh issledovanii, 1962. 4 p. [With summary in English]

PROTONS--SCATTERING

Possible role of vector mesons in the elastic scattering of high-energy π-mesons and protons [with summary in English]. G. G. Arushanov. Zhur. eksp. i teor. fiz. 43 no.5, 1709-1711 N '62.

Scattering of 6.9 Mev. protons by Mg^{24}. O. P. Klifuchariev and others. Ukr. fiz. zhur. 7 no.9:1028 S '62.

Triple scattering of 660 Mev. protons. Part 3. Angular dependence of parameter R [with summary in English]. IU. P. Kumekin and others. Zhur. eksp. i teor. fiz. 43 no.5:1665-1671 N '62.

PRUNE--VARIETIES see subdivision under Ukraine

PRUNING

Acclimatization and growth of Siberian larch seedlings as related to the degree of pruning. K. H. Shumafeva. Nauk. pratsi lisohosp. fak. UASHN 16 no.8:83-86 '60.

Effect of suckers on the yield and quality of grapes. A. N. Asadullaev. Trudy Azerb. nauch.-issl. inst. sad., vin. i subtrop. kul't. no.5:141-142 '62.

Pruning severity for the Shirvan Shakhi grape variety. A. N. Asadullaev. Trudy Azerb. nauch.-issl. inst. sad., vin. i subtrop. kul't. no.5 127-129 '62.

PRUSSIC ACID see Hydrocyanic acid

PRZHEVAL'SKII, NIKOLAI MIKHAILOVICH, 1839-1888

Consultation. A. Afonskii. Geog. v shkole 25 no.6:62-63 N-D '62.

PSEUDO-GALENA see Sphalerite

PSEUDOMONAS

Biology of the pathogen of cucumber bacteriosis and the elaboration of methods for its control. L. N. Bushkova. Bot. zhur. 47 no.10:1472-1481 O '62

PSEUDOMORPHS see subdivision under Don River

PSEUDOPHYLLIDEA see subdivision under Kamchatka

PSKOV PROVINCE--CHAYFISH

Profitable business. A. Mikhailov. Sov. potreb. koop. 6 no.9 34 S '62.

PSORIASIS

Latent osteoarthropathies in psoriasis patients. G. Kh. Kogon. Vrach. delo no.12:129-130 D '62.

PSYCHIATRIC HOSPITALS

Further trends in the development of dispensary methods in psychiatric practice. G. V. Zenevich. Zhur. nerv. i psikh. 62 no.8:1235-1236 Ag '62.

PSYCHIATRISTS

Our experience with the specialization of physicians in psychiatry. A. S. Poznanskii, P. O. Akopian. Zhur. nevr. i psikh. 62 no.8:1273 Ag '62

Primary specialization of psychiatrists on the local level. I. A. Berger. Zhur. nevr. i psikh. 62 no.8:1271-1272 Ag '62.

PSYCHIATRY see subdivision under Kazakhstan

PSYCHIATRY--CONGRESSES

International seminar on the problem of the interrelationship between psychology and psychiatry. M. S. Rogovin. Zhur. nevr. i psikh. 62 no.8,1266-1270 Ag '62.

PSYCHIATRY, FORENSIC see Forensic psychiatry

PSYCHOLOGY--CONGRESSES

International seminar on the problem of the interrelationship between psychology and psychiatry. M. S. Rogovin. Zhur. nevr. i psikh. 62 no.8:1266-1270 Ag '62.

PSYCHOLOGY, PATHOLOGICAL

Megrabian, A. A. [Depersonalization] Depersonalizatsiia. Erevan, Armianskoe gos. izd-vo, 1962. 354 p.

"Psychopathology today" [in German] edited by Heinrich Kranz. Reviewed by E. IA. Shternberg. Zhur. nevr. i psikh. 62 no.8:1262-1265 Ag '62.

PSYCHOLOGY, PHYSIOLOGICAL

Dynamics of skin temperature of students engaged in intellectual activity. S. D. Khoruzhaia. Dokl. APN 6 no.4:111-114 '62.

Reflex of purpose as an object of physiological analysis. P. K. Anokhin. Zhur. vys. nerv. deiat. 12 no.1 7-21 Ja-F '62.

Simonov, P. V. [K. S. Stanislavskii's method and the physiology of the emotions] Metod K. S. Stanislavskogo i fiziologiia emotsii. Moskva, Izd-vo Akad. nauk SSSR, 1962. 137 p.

Technical progress and psychophysiology. A. Lebedev. Prof.-tekh. obr. 19 no.8:22-23 Ag '62.

PSYCHOLOGY, PHYSIOLOGICAL--CONGRESSES

Results of the All-Union conference on the philosophic aspects of the physiology of higher nervous activity and psychology. Vest. AN SSSR 32 no.12:96-97 D '62.

PSYCHOLOGY, RELIGIOUS

The nature of religious feelings [with summary in English, p.186]. V. R. Bukin, I. N. Bukina. Vop. filos. 16 no.12:94-104 '62.

PSYCHOSES

Arterial hypertension and psychosis. G. V. Stoliarov. Trudy Gos. nauch.-issl. inst. psikh. 25:459-464 '61.

Dynamics of the arterial pressure in hypertonic psychoses during the process of reserpine treatment. I. S. Romanova. Trudy Gos. nauch.-issl. inst. psikh. 25. 465-477 '61.

Maniacal states in hypertension and atherosclerosis of the vessels of the brain. IU. E. Rakhal'skii. Trudy Gos. nauch.-issl. inst. psikh. 25:87-95 '61.

Pathoanatomical materials on the problem of psychoses related to hypertension in combination with atherosclerosis. V. P. Kushelev. Trudy Gos. nauch.-issl. inst. psikh. 25:667-677 '61.

Psychoses in patients with acquired heart defects who have undergone mitral commissurotomy. V. M. Banshchikov, I. S. Romanova. Trudy Gos. nauch.-issl. inst. psikh. 25:588-590 '61.

Role of supporting therapy using reserpine in preventing relapses in hypertonic psychoses. I. S. Romanova. Trudy Gos. nauch.-issl. inst. psikh. 25:492-498 '61.

Role of the vascular factor in the genesis of a spasm syndrome in hypertonic psychoses; a clinical anatomical study. P. B. Kazakova, I. S. Romanova. Trudy Gos. nauch.-issl. inst. psikh. 25:499-517 '61.

Treatment of atherosclerotic psychoses. V. M. Banshchikov, V. L. Levi. Trudy Gos. nauch.-issl. inst. psikh. 25:388-395 '61.

Treatment of neuropsychic disorders in hypertensive using echinopsine. G. V. Ryzhikov. Trudy Gos. nauch.-issl. inst. psikh. 25:450-458 '61.

Treatment of vascular diseases associated with neuropsychic disorders [with summary in French]. [illegible] Zhur. nevr. i psikh. 62 no.8:1189-1191 Ag '62

PSYCHOSOMATIC MEDICINE see Medicine, Psychosomatic

PUBLIC BUILDINGS

Osipov, L. G., and others. [The architecture of public and industrial buildings] Arkhitektura grazhdanskikh i promyshlennykh zdanii. Pod obshchei red. L. G. Osipova. Moskva, Gosstroiizdat, 1962. 344 p.

Types of large rural buildings serving cultural and public needs. N. Platonova. Arkhit. [illegible] '62.

PUBLIC HEALTH

(see also subdivision under Cuba, Moscow, Novosibirsk Province, Ukraine)

Comment on the book, "All-Union scientific conference of physicians and their importance for the progress of Soviet public health." V. Ch. Bazhanov. [illegible] 21 no.12:82 '62

Letters to the editor. Zdrav. Ros. Feder. 6 no.11 37 N '62.

Organizing differential service for the population. P. I. Parfent'ev. Zdrav. Ros. Feder. 6 no.11:21 N '62.

Socioeconomic evaluation of the statistical surveys of public health by the agencies of the Russian Zemstvo from 1870 to 1900 [with summary in English] Z. S. Vlatkina. Vest. LGU 17 no.23:26-34 '62

Welcoming the 45th anniversary of the Great October Socialist Revolution. Zdrav. Ros. Feder. 6 no.11 3-5 N '62.

PUBLIC HEALTH--BIBLIOGRAPHY see Bibliography--Public health

PUBLIC HEALTH--STUDY AND TEACHING

Apropos of the article by P. I. Barannik and [illegible] skii, "The sanitary and epidemiological station as base for training physicians of a medical institute." V. I. Petrov. Sov. zdrav. 21 no.12 21-25 '62

Sanitary education of the population is to be raised to a level with present problems. V. A. Krylova, M. M. Merman. Zdrav. Ros. Feder. 6 no.11:8-10 N '62

PUBLIC HEALTH, RURAL

(see also subdivision under Tolochin District)

Analyzers and their condition in rural localities. E. A. Khairushev. Zdrav Kazakh. 22 no.1 41-46 '62

PUBLIC HEALTH PERSONNEL--SALARIES, PENSIONS, ETC.

Adoption of standard departmental norms for free issue of special clothing, special shoes and protective equipment to workers in public health institutions. [illegible] kom. po vop. truda i zar. platy no.4:6-24 '62

PUBLIC OPINION POLLS

(see also subdivision under United States)

Grushin, B. A., and Chikin, V. V. [Confession of a generation] Ispoved' pokoleniia. [Moskva] Izd-vo "Molodaia gvardiia," 1962. 247 p.

PUBLIC UTILITIES see subdivision under Moscow

PUBLISHERS AND PUBLISHING

Problems in planning subjects of books to be published. V. Somov. Sov. knizh. torg. 14 no.11:5-7 '62.

PUCCINI, GIACOMO, 1858-1924

A Ukrainian singer saves "Cio-Cio-San." I. [illegible] Sov. muz. 26 no.10:51-52 O '62.

PUGACHEV DISTRICT--SMUTS

Questions and answers. V. Popov, K. IA. Kaisarov. Zashch. rast. ot vred. i bol. 7 no.2:50 F '62

PUGACHEV DISTRICT--WHEAT--DISEASES AND PESTS

Questions and answers. V. Popov, K. IA. Kaisarov. Zashch. rast. ot vred. i bol. 7 no.2:50 F '62

PULA, YUGOSLAVIA--MOTION-PICTURE FESTIVALS

Pula, 1962. K. Paramonova. Isk. kino no.12:124-125 D '62.

PULMONARY ARTERY

Compensatory role of the arteries of the mediastinum [with summary in English]. O. G. Goncharova. Vest. khir. 89 no.9:35-40 S '62.

PULMONARY ARTERY--LIGATURE

Changes in a lung with an aseptic and infected focus of inflamation in ligature of the pulmonary artery [with summary in English]. N. V. Botkova. Biul. eksp. biol. i med. 54 no.11:108-113 N '62.

Results of pulmonary artery ligation in chronic destructive diseases of the lungs [with summary in English] F. G. Uglov, A. V. Afanas'eva. Vest. khir. 89 no.8 26-31 S '62.

PULMONARY CIRCULATION

Changes in the hemodynamics of the lesser circulation during mitral commissurotomy [with summary in English]. E.N. Meshalkin and others Klin. med. 40 no.10:36-42 O '62

PULMONARY EDEMA

Emergency mitral commissurotomy as a therapeutic method in acute pulmonary edema in patients with mitral stenosis [with summary in English]. E.N. Meshalkin and others. Kardiologiia 2 no.5 11-15 S-O '62

Treatment of acute pulmonary edema under anesthesia in patients with mitral stenosis. IU.S. Ezhov. Vest. AMN SSSR 17 no.8 29-31 '62.

PULMONARY FIBROSIS

External respiration in scleroderma pneumosclerosis [with summary in English]. V.A. Nasonova, N.G. Guseva, L.G. Polianskaia Terap. arkh. no.6 86-91 '62.

PULSE CIRCUITS

Demonstration of extra currents arising in the closing and breaking of circuits using germanium diodes G.A. Zabirov. Izv. vys. ucheb. zav.; fiz. no.5:179 '62.

Low-frequency square wave generators. A.A. Burnashev, L.N. Lesina. Elektrichestvo no.12:74-76 D '62

Trigger effects in a circuit containing a nonlinear p-n junction with presence of d.c. feedback V.I. Samoilenko, L.A. Glotov Trudy MAI no.149 74-91 '62

PULSE TECHNIQUES (ELECTRONICS)

Device for determining the time constant of a decaying electromagnetic process [with summaries in English and German] E. Jakubaitis, M. Vaivars Izv. AN Latv. SSR no.3 41-50 '61

Effect of the internal resistance of a rectangular pulse source on the performance of a voltage generator. A. Bodi. Izm. tekh. no.12 33-36 D '62.

A high-speed generator-counter system. S.A. Alesherov, M.M. Gel'man, R.IA. Kasumov. Trudy Vych. tsentra AN Azerb. SSR 1:38-45 '62.

Losev, D.P., G.L. Poltsar, and IU.P. Filimonov. [Elements and networks of contactless remote control devices] Elementy i uzly beskontaktnykh telemekhanicheskikh ustroistv. Leningrad, Sudpromgiz, 1962. 240 p.

Low-frequency square wave generators. A.A. Burnashev, L.N. Lesina. Elektrichestvo no.12:71-76 D '62.

Mitiashev, B.N. [Determination of the position of pulses with respect to time in the presence of interference] Opredelenie vremennogo polozheniia impul'sov pri nalichii pomekh. Moskva, Sovetskoe radio, 1962. 108 p.

Noise generator with a regulated infralow frequency band. V.A. Prianishnikov. Izv. vys. ucheb. zav.; prib. 5 no.6:3-11 '62.

Study of triggers and shift registers for amplitude-type sampled-data systems M.S. Neiman, L.I. Tellatnikov, G.P. Zemtsov Trudy MAI no.149 23-37 '62.

Theory of the high-speed operation of amplitude triggers L.I. Tellatnikov Trudy MAI no.119 38-51 '62.

PULVERIZED COAL see Coal, Pulverized

PULVERIZERS

Choosing the optimum types of pulverizers. V.I. Akumov. Stroi. mat. 8 no.11:18-21 N '62.

PUMPING MACHINERY

The "bypass" sewage pump which does not become obstructed (from Chicago Pump Company, Bulletin 130, 1959). V.IA. Kurelin. Ved. i san. tekh. no.11, 35-38 N '62.

Friendship with titanium. N. Bychkova. Izobr. i rats. no.11:8 N '62.

Increasing the wear resistance of suction pump parts. IU.M. Gofman, E.M. Blank. Energetik 10 no.10:13-14 O '62.

Operation of cargo pumps with subsequent steam expansion on the tanker "Litsneja" V. Bratkovskii. Mor. flot 22 no.9:36 S '62.

Rising force in slotted sealings. I.B. Karintsev. Shor. trud. Lab. gidr. mash. AN URSR no.10,38-43 '62.

Selection of mixing pumps V.P. Vitaliev Ved. i san. tekh. no.11:18-21 N '62.

Soldatov, K.N. [Pumps for pipelines for petroleum products; design, installation, and exploitation] Nasosy magistral'nykh nefteproduktoprovodov; konstruktsiia, montazh, ekspluatatsiia. Moskva, Gostoptekhizdat, 1962. 155 p.

Water pumping from deep wells making use of the phenomena of negative water hammer [with summary in English]. N.A. Gretsov, G.G. Pavlov. Izv. TSKHA no.4:101-102 '62.

Welded diaphragm pump with one or two plungers for slip. I.M. Kershenbaum, A.I. Trushchelev. Stek. i ker. 19 no.11:39 N '62.

PUMPING MACHINERY, ELECTRIC

Marine electric discharge pumps. IU.N. Tolstiakov, A.F. Sviridov, E.IA. Kortsenshtein. Sudostroenie 28 no.11,23-27 N '62.

Operation of the feed pumps of thermal electric power plants with variations and loss of magnetic flux. N.I. Konovalov, B.IA. Prakhin, A.I. Sandler. Izv. vys. ucheb. zav.; energ. 5 no.11:51-57 N '62.

Optimum geometric relationships in molten metal induction pumps L.G. Savvin, N.M. Okhremenko. Elektrichestvo no.12:82-84 D '62.

PUMPING STATIONS

In the Planning Institute of the State Institute for the Design of Municipal Water and Sewer Systems Ved. i san. tekh. no.10 39-40 O '62.

Kurits, S.IA., L.I. Pashenin, and IU.S. Charnyi. [Use of open arrangements of compressor and pumping stations driven by gas turbines] Primenenie otkrytykh kompanovok kompressornykh i nasosnykh stantsii s privodom ot gazovykh turbin. Moskva, VNIIST Glavgaza SSSR, redaktsionno-izd. otdel, 1962. 47 p. (Opyt stroitel'stva magistral'nykh truboprovodov)

PUNCHED CARD SYSTEMS

Sarin, M.I., and M.I. Stul'pinas. [The PR80-2 automatic perforator reproducing machine] Reproduktor PR80-2 avtomaticheskii perforator-reproduktsionnyi, konstruktsiia i ekspluatatsionnye svoistva. Pod red. V.N. Riazankina. Moskva, Gosstatizdat, 1962. 92 p.

PUNCHES

Flow of contact surfaces during two-sided pressing in of punches. R. Glude. Izv. AN Latv. SSR no.1 47-51 '61.

PUNCTURES (MEDICINE)

Method for puncturing the abdominal wall in peritoneoscopy. N.M. Dorofeev, I.V. Anpilogov. Vest. khir. 89 no.9:127-128 S '62.

PUNISHMENT

Noi, I.S. [Theoretical problems of punishment in Soviet criminal law] Voprosy teorii nakazaniia v sovetskom ugolovnom prave. [Saratov] Izd-vo Saratovskogo univ., 1962. 154 p.

"Problems concerning the theory of punishment in Soviet criminal law" by I.S. Noi. Reviewed by M.IA. Kovlev. Sov. iust. no.23 27-28 D '62

PUPPETS AND PUPPET PLAYS
(see also subdivision under Brussels, Czechoslovakia)

[Puppet theaters in the U.S.S.R., 1950-1960] Teatr kukol SSSR, 1950-1960. Moskva, Sovetskaia sektsiia Mezhdunarodnogo soiuza deiatelei Teatra kukol, 1962. 166 p.

PURKYNE, JAN EVANGELISTA, 1787-1869

A prominent Czech scientist, 175th anniversary of the birth of Jan Purkyne. E.A. Zhirmunskaia. Priroda 51 no.12:101-102 D '62.

PURPURA (PATHOLOGY)

Neurological syndrome in hemorrhagic vasculitis. M.D. Mats. Klin. med. no.9 150-152 '62.

PUSHKIN, ALEKSANDR SERGEEVICH, 1799-1837

Dostoevskii on Pushkin's "Egyptian nights." V. Kirpotin. Vop. lit. 6 no.11:112-121 N '62

The great Pushkin belongs to us. IU. Skrypnychenko. Volov. ateist no.6 47-48 Je '62

Lavretskaia, V.I. [Works by A.S. Pushkin on themes from Russian history] Proizvedeniia A.S. Pushkina na temy russkoi istorii; posobie dlia uchitelei. Moskva, Uchpedgiz, 1962. 101 p.

Simulation of research. Z. Papernyi Vop. lit. 6 no.10:111-122 O '62.

PUSHKIN, ALEKSANDR SERGEEVICH, 1799-1837—HOMES AND HAUNTS

Dasina, M.IA. [There, where the groves of Mikhaylovskoye rustle] Tam, gde shumiat mikhailovskie roshchi. Leningrad, Detgiz, 1962. 238 p.

PUSHKIN IN LITERATURE AND ART

Story of the "Eastern poem" [in Azerbaijani with summary in Russian]. Shikhali Kurbanov. Izv. AN Azerb. SSR, Ser. obshchestv. nauk no.10:13-23 '62.

PUZZLES

King of puzzles. R. Kofman Nauka i zhizn' 29 no.10:07 O '62.

PYONGYANG—DESCRIPTION AND TRAVEL

A morning in Pyongyang. A. Ter-Grigorian. Nov. vrem. 20 no.50:22-24 D '62.

PYRALID MOTHS—BIOLOGICAL CONTROL

Biological method for controlling the borer Pyrausta nubilalis in hemp. P.P. Tkalich. Zashch. rast. ot vred. i bol. 6 no.8:24-25 Ag '61.

PYRANCARBOXYLIC ACID

Preparation of 2-pyrone-5- and 2-pyrone-6-carboxylic acids via β,β-dichloroacrolein. L.I. Zakharkin, L.P. Sorokina. Izv. AN SSSR, Otd. khim. nauk no.11:2096-2097 N '62.

PYRAZOLIDINE

Case of hypoplastic hematopoiesis following pyrazolidine theory. V.N. Lebedev. Probl. gemat. i perel. krovi no.9:54-55 '62.

PYRENOMYCETES

Effect of environment on the development of perithecia in some Pyrenomycetes [with summary in English]. N.P. Chereponova. Uch. zap. LGU no.313:34-38 '62.

PYRIDINE

o-Pyridylferrocene and 1,1'-di-(o-Pyridyl)-ferrocene. A.N. Nesmeianov, V.A. Sazonova, A.V. Gerasimenko. Dokl. AN SSSR 147 no.3:634-635 N '62.

Characteristics of the changes in the strength of pyridine-containing copolymers V.V. Vetkholantsev, L.S. Okhremenko. Kauch. i rez. 21 no.11 1-3 N '62

Complex chloroammoniumpyridine rhodium compounds of the tetramine series $[Rh(NH_3)_3C_5H_5N(Cl)]X$. N.A. Vaziunin Izv. vys. uch. zav., khim. i khim. tekh. 5 no.4:539-543 '62.

Extraction of aromatic hydrocarbons with aqueous pyridine from intermediate petroleum fractions and catalytic gas oils G.P. Pal'chikov and others Khim. i tekh. topl. i masel 7 no.11 19-25 N '62

PYRIDINE BASES

Petrenko, D.S. [Production of pyridine bases in the by-product coke industry] Proizvodstvo piridinovykh osnovanii na koksokhimicheskikh zavodakh. Khar'kov, Metallurgizdat, 1961. 175 p.

PYRIDOXINE

Effect of a diet with a low content of essential fatty acids and vitamin B_6 on the secretion of phospholipids and enzymes in the intestine [with summary in English]. I.B. Kuvaeva. Vop. pit. 21 no.4 30-33 Jl-Ag '62.

Effect of desoxycorticosterone acetate, vitamin B_6, cutaneous gland secretions of a toad, antibiotics, and campolon on the course and outcome of acute experimental radiation injury. E.G. Dolgov. Zdrav. Kazakh. 22 no.3 47-50 '62.

PYRITES see subdivision under Altai Mountains, Kamshakh Range, Ural Mountains

PYROCATECHOL

Complex formation in the system titanium (IV) diantipyrylmethane - pyrocatechol A.K. Babko, M.M. Tananaiko Zhur. neorg. khim. 7 no.11 2549-2556 N '62

PYROCATECHOL VIOLET

Formation of a pyrocatechol violet complex with boric acid [with summary in English] L.S. Sardituk, U.F. Silich Zhur. anal. khim. 17 no.7 802-806 O '62

PYROGALLOL

Spectrophotometric study of pyrogallate complexes of tantalum A.K. Babko, V.V. Lukachina Ukr. khim. zhur. 28 no.7 779-785 '62

PYROGALLOL RED

Photometric determination of small amounts of indium with bromopyrogallol red. Sh.T. Talipov, Kh.S. Abdullaeva, G.P. Gor'kovskaia Uzb. khim. zhur. 6 no.5 16-19 '62

PYROLYSIS

Effect of the diameter of quartz tubes on the decomposition of methyl alcohol N.P. Evmenenko, V.V. Shalia, M.V. Polinkov Ukr. khim. zhur. 28 no.5 629-632 '62

Pyrolysis of some hydrocarbons in the presence of copper A.F. Dobrianskii, M.M. Visnevskaia. Zhur. prikl. khim. 35 no.11 2472-2477 N '62.

PYROMETRY

Pyrometric study of the state of a gas behind a reflected shock wave. E.M. Kudriavtsev and others Trudy Fiz. inst. 18:159-200 '62.

Pyrometric study of the state of air, nitrogen, and argon behind a shock wave. F.S. Faizullov. Trudy Fiz. inst. 18:105-158 '62.

PYROXENES

Effect of chemical composition on the properties of pyroxene stone casting. IU.D. Kruchinin. Izv. vys. uch. zav.; khim. i khim. tekh. 5 no.4:629-635 '62.

PYRUVIC ACID

Absorption of glucose and pyruvate by the brain in its various functional states [with summary in English] L.T. Mikelian. Vop. biokhim. 2:61-72 '61.

Effect of unilateral extirpation of the superior cervical sympathetic ganglion on the absorption of glucose and pyruvate by the brain [with summary in English] G.Kh. Buniatian, E.E. Mikelian. Vop. biokhim. 2:53-60 '61

PYS'MENNA, LARYSA

"How we fare in our city on the Dnieper; stories" by Larysa Pys'menna. Reviewed by Borys Burkatov. Ukraina no.24 15 D '62.

QUACK GRASS

Biology of quack grass and measures for its control [with summary in English]. N.G. Abramov Trudy VNIIL no.5:99-112 '59

QUADRUPOLE MOMENTS see Electric moments

QUALITY CONTROL
(see also subdivision under Zaporozh'ye Province)

Training of volunteer inspectors. IA. Sizemov. Prof.-tekh. obr. 19 no.7:31 Jl '62.

QUANTUM ELECTRODYNAMICS

Asymptotic representations of Green's functions and the vertex function in quantum electrodynamics [with summary in English]. F.I.Fomin Zhur.eksp.i teor.fiz. 43 no.5 1934-1939 N '62.

Theory of neutron scattering by the Coulomb field of the nucleus [with summary in English]. S.B.Gerasimov, A.I.Lebedev, V.A.Petrun'kin. Zhur eksp.i teor.fiz. 43 no 5:1872-1879 N '62.

QUANTUM FIELD THEORY

Certain conclusions drawn from the theory of the quantum field of the probability amplitude [with summary in English]. I V.Khimich, IU.M Lomsadze, I IU.Kiyvs'kyi Ukr.fiz.zhur. 7 no.9 967-974 S '62

The four-dimensional isospin group and the hypercharge in the axiomatic quantum field theory. IU.V.Novozhilov. Dokl.AN SSSR 147 no.3:600-603 N '62.

Martin, Paul and Julian Schwinger. [Theory of many-particle systems. Brownian motion of a quantum oscillator. Translated from the English] Teoriia sistem mnogikh chastits. Brounovskoe dvizhenie kvantovogo ostsilliatora [by] Julian Schwinger. Moskva, Izd-vo inostr. lit-ry, 1962. 167 p.

On Bogoliubov's "edge of the wedge" theorem. V.S. Vladimirov Izv AN SSSR.Ser.mat. 26 no 6 825-836 N-D '62

QUANTUM THEORY

Determining the activation energy of the different levels of impurity centers and structural defects in semiconductors. N A.Vitovskii, T.V. Mashovets, S.M Ryvkin. Fiz.tver.tela 4 no.10,2849-2853 O '62.

Estimation of the electron transition in barium under pressure E.S. Alekseev. Fiz.tver.tela 4 no 12. 3675-3676 D '62.

Excitation of the 2s and 2p levels of the hydrogen atom by slow electrons [with summary in English]. R.IA. Damburg, R.K.Peterkop Zhur.eksp.i teor.fiz. 43 no.5 1765-1768 N '62,

Expansion of scattering amplitudes in relativistic spherical functions [with summary in English]. I.S. Shapiro. Zhur.eksp.i teor.fiz. 43 no.5:1727-1730 N '62.

Giant resonance on strongly deformed heavy nuclei. L.Miunkhov Vest Mosk un,Ser 3:Fiz.,astron 17 no,6:37-44 N-D '62.

Masses and charges of excited states in the Fermi-Yang model [with summary in English]. V.G.Vaks. Zhur. eksp.i teor.fiz. 43 no.5:1885-1896 N '62.

Moskalenko, V.A. [Calculation of the thermodynamic potential of quantum systems] Vychislenie termodinamicheskogo potentsiala kvantovykh sistem. Moskva, Akad. nauk SSSR, 1961. 56 p.
[MICROFILM]

On the theory of field ionization of local states. IU.E Perlin, A.G Chaban Fiz tver.tela 4 no.11,3220-3227 N '62,

On the theory of relaxation of quantum systems. V.N. Genkin. Fiz.tver.tela 4 no.12:3381-3389 D '62.

On various parametrizations in the quantized space-time theory. V.G.Kadyshevskii. Dokl.AN SSSR 147 no.3:588-591 N '62,

Perturbation theory for large quantized systems; review. IU.L. Mantkovs'kyi. Ukr.fiz zhur. 7 no.9:929-959 S '62.

Quantum theory of cyclotron resonance in a degenerated valence band. G.A.Baramidze, G.E Gurgenishvili, G.R.Khutsishvili. Fiz.tver.tela 4 no 10:2958-2963 O '62.

Radiation defects in silicon doped with lithium. I.V. Smirnova, V.A.Chapnin, V.S. Vavilov. Fiz.tver tela 4 no.12 3373-3380 D '62.

Radiation reaction in the case of media with negative absorption [with summary in English]. V.L.Ginzburg, V.IA.Eidman. Zhur.eksp.i teor.fiz. 43 no.5:1865-1871 N '62.

Regge poles and Landau singularities [with summary in English]. V.N.Gribov, I.IA.Pomeranchuk. Zhur. eksp.i teor.fiz. 43 no.5:1970-1975 N '62.

Studying the recombination of charge carriers in n-germanium doped with multiply charged impurities, taking the impurity photoconductivity as a basis [with summary in English]. K.D. Glinchuk, O.H. Miseliuk Ukr fiz.zhur. 7 no.9,992-1002 S '62,

Theory of radiationless transitions in crystals in a "non-Condon approximation" High temperatures. V.A Kovarskii, E.P Sinyavskii. Fiz.tver tela 4 no 11:3202-3207 N '62

Theory of transfer phenomena in semiconductors of low mobility; characteristics of the energy spectrum of systems. M.I Klinger. Fiz tver.tela 4 no 11:3075-3085 N '62.

Theory of transfer phenomena in semiconductors of low mobility, general approach to the theory of transfer processes, and its criteria. M.I. Klinger Fiz.tver. tela 4 no.11,3086-3103 N '62.

Three-dimensional spinors in quantum mechanics. A.P. Gel'man. Izv.vys.ucheb.zav.;fiz. no.5:128-132 '62

Universal effect of the internal field and the position of electron spectra of molecules in solutions [with summary in English]. N.G.Bakhshiev. Ukr.fiz.zhur. 7 no.7:748-750 Jl '62.

QUANTUM THEORY—STUDY AND TEACHING

Studying the quantum nature of light V.Z Kresin, B A.Tavgen. Fiz.v shkole 22 no.5:105-107 S-O '62.

QUARRIES AND QUARRYING
(see also subdivision under Moldavia)

The productive capacity of excavators at open-pit mines can be increased. B.Dygen. Na strot.Ros. 3 no.9: 9-10 S '62.

QUARTZ
(see also subdivision under Azerbaijan, Gissar Range)

Cathode sputtering of mica and molten quartz by krypton ions. A.I Akishin, S.S.Vasil'ev, L.N.Isaev. Izv. AN SSSR.Ser.fiz. 26 no.11:1356-1358 N '62.

Defects in quartz due to radiation. E.V.Kolontsova, I.V.Telegina. Dokl.AN SSSR 147 no.3 592-593 N '62.

Mel'nikov, O.D. [Quartz veins and the minerals associated with them] Kvartsevye zhily i sviazannye s nimi poleznye iskopaemye. Izd.2, Moskva, Gosgeoltekhizdat, 1962. 40 p. (Bibliotechka iskatelia poleznykh iskopaemykh)

QUEUING THEORY

Unilinear queueing system with unreliable devices T P. Marianovich. Ukr mat zhur 14 no 4 417-422 '62.

QUICKSILVER see Mercury

QUINCE see subdivision under Moldavia

QUININE—TOXICOLOGY

Clinical and experimental pathophysiology of disorders of the visual analyzer caused by intoxications. M T Karapancha Vest.oft. no.5:87-89 '62.

QUINONE

Catalytic reduction of quinones by carbon monoxide in the liquid phase. A B.Fasman, V A Golodov, D V Sokol'skii Trudy Inst khim nauk AN Kazakh SSR 8,137-149 '62

Sterically hindered phenols. Report No. 9: Effect of acid reagents on bimoquinone compounds. V. V. Ershov, A. A. Volod'kin. Izv. AN SSSR, Otd. khim. nauk no 11: 2026-2031 N '62,

QUINOLINENTHIOL

Simplified methods of the synthesis and purification of 8-mercaptoquinoline (thioxine) and 8,8'-dichinolyldisulfide [with summary in English]. I.Shevchuk, E.Luksha Izv.AN Latv.SSR no.2:127-134 '61.

RABBITS

[Manual for the rabbit raiser] Spravochnik krolikovoda. Moskva, Sel'khozizdat, 1962. 214 p.
(DNAL)

RACHMANINOFF, SERGEI VASIL'EVICH, 1873-1943

Briantseva, V.N. [S. Rachmaninoff] S. Rakhmaninov Moskva, Izd-vo "Sovetskaia Rossiia," 1962. 133 p. (Bibliotechka "Khudozhestvennaia samodeiatel'nost'," no.27)

RADAR

End of an enormous falsification I.Zhigarev. Izobr.i rats. no.11:28-30 N '62.

Mitiashev, B.N. [Determination of the position of pulses with respect to time in the presence of interference] Opredelenie vremennogo polozhenita impul'sov pri nalichii pomekh. Moskva, Sovetskoe radio, 1962. 198 p.

[Problems of radio engineering and radar] Zadachnik po radiotekhnike i radiolokatsii. [By] S.M. Aksel'rod i dr. Moskva, Gosenergoizdat, 1962. 414 p.

RADAR, MILITARY

Trofimov, K. [Interference to radar stations] Pomekhi radiolokatsionnym stantsiiam. Moskva, Izd-vo DOSAAF, 1962. 74 p.

RADAR IN AERONAUTICS

A skillful educator A.Sablukov. Komm.Vooruzh Sil 3 no.24 53-57 D '62.

RADAR IN NAVIGATION

For an accurate and continuous determination of the position of dredgers. P.Chelyshev. Mor.flot 22 no.11: 38-39 N '62.

Prospects for the use of indicator signals in navigation radar stations. P.Davydov, P.Lossi. Mor.flot 22 no.11:13-14 N '62.

RADAR METEOROLOGY

Method of calibrating radar according to the intensity of rain. A.M. Dimakaian, N.V. Zotimov. Meteor.i gidrol. no.12:40-43 D '62.

RADIATION

Determining the energy of optical radiation by means of selective receivers [with summary in English]. V.P. Rvachov, V.I.Vashchenko, V.F.Berdnikov. Ukr.fiz. zhur. 7 no.11:1226-1230 N '62.

Distribution of displaced atoms in a solid due to primary atoms generated by radiation. A.Corciovei, G.Gika, D.Grecu. Fiz.tver.tela 4 no.10:2777-2780 O '62.

Effect of ionizing radiation on the synthesis of hydrocyanic acid R.Mikhail, I.Gerashkevich. Kin.i kat. 3 no.5:836-845 N-D '62.

Effect of preirradiation on the rate of thermal decomposition of permanganates of metals of the first group of the periodic table V.V.Boldyrev, A.N.Obliv'antsev Kin.i kat. 3 no.5:857-893 N-D '62.

Effect of temperature and dose rate on the radiolysis and radiation-induced oxidation of diisopropyl ether. V.V. Saraeva and others. Kin.i kat. 3 no.5:895-860 N-D '62.

Effect of the radioactive radiation of the solid phase on the kinetics of potassium sulfate recrystallization. Vikt.I.Spitsyn, V.V.Gromov. Dokl.AN SSSR 147 no.3:663-666 N '62.

Experimental determination of the light equivalent of radiant intensity. V.I.Kartashevskaia. Trudy Inst. Kom.stand., mer i izmer.prib. no.56:36-46 '61.

Induced electromotive force and dielectric strength of irradiated polyvinyl chloride [with summary in English] V.D Kuchin, A.K Shastova Vysokom.soed. 4 no 12 1863-1866 D '62

Transmissive and reflective power of a plane-parallel layer under conditions of amplification and penetration B.I Stepanov, A.P Khapalyuk Opt.i spektr. 13 no.5 714-720 N '62.

RADIATION—MEASUREMENT

IUdin, M.F. [Methods and equipment for calibrating radiation monitoring instruments] Metody i apparatura dlia gradirovki dozimetricheskikh priborov. Moskva, Standartgiz, 1962. 117 p

RADIATION—PHYSIOLOGICAL EFFECT

Akademiia nauk SSSR. Institut genetiki. [Action of ionizing radiation on organisms] Deistvie ionizirulushchikh izluchenii na organizm. Moskva, Izd-vo Akad. nauk SSSR, 1962. 205 p.

Changes in the activity of the central nervous system in the offspring of irradiated rats [with summary in English]. M.S.Alekseeva. Zhur.vys.nerv.deiat. 12 no,1:100-172 Ja-F '62,

Effect of cystamine on oxidizing phosphorylation in the spleen of irradiated white rats [with summary in English]. V.G.Vladimirov. Biul.eksp.biol.i med. 54 no.11:55-59 N '62.

Radiosensitivity of the eggs of whipworms irradiated during the invasion stage of the larvae. N.P.Nikol'skaia, L.S. Paruzhinskaia Trudy Gel'm lab. 11: 332-336 '61.

Variation in the radiosensitivity of eggs separated from individual females of Ascaris and Ascaridia. N.P. Shikhobalova, L.S Paruzhinskaia. Trudy Gel'm lab. 11,337-330 '61

Tarusov, B.N. [Primary reactions of radiation injury] Pervichnye protsessy luchevogo porazheniia. Moskva, Gosatomizdat, 1962.

RADIATION SICKNESS

Acute radiation burns [with summary in English] N I Karlashenko. Khirurgiia 38 no 10:22-25 O '62.

Biochemical mechanisms of radiation lesions. V.N. Rodionov. Vest.AMN SSSR 17 no.9:13-20 '62.

Effect of desoxycorticosterone acetate, vitamin B6, cutaneous gland secretions of a toad, antibiotics, and camphor on the course and outcome of acute experimental radiation injury. E.G. Dologov. Zdrav. Kazakh. 22 no.3,17-20 '62.

Interrelationship between the increase in fibrinogen concentration in dogs in radiation sickness and the activity of fibrinogenase [with summary in English]. K.V.Gordeeva. Biul.eksp.biol.i med. 54 no.11 39-42 N '62.

Luminescence detection of lipids in blood leucocytes in radiation sickness N K Sviridov. Lab.delo 8 no 5. 15-16 My '62.

Myelofetal correlations in physiological and pathological conditions. Report No. 1: The therapeutic use of diathermy of the spleen in injuries to the bone marrow by ionizing radiations and benzene; experimental studies and clinical observations. L.I. Geller. Probl.gemat i perel.krovi no.9:17-23 '62.

Radiation burns. V.A.Ivanov, V.N. Petushkov. Khirurgiia 38 no.10:11-15 O '62

RADIATION STERILIZATION

Radiation sterilization of antibiotic preparations [with summary in English]. V.I.Porshinskii, Z.V. Ermol'eva, A.Kh.Breger. Antibiotiki 7 no.9 785-789 S '62.

RADIATORS

Casting heating radiators in chill molds. P.N Gel'dmakher, Z.Kh.Glizer. Lit.proizv. no.11:15-17 N '62,

RADICALS (CHEMISTRY)—SPECTRA

Differences in the widening of separate components of the hyperfine structure in electron paramagnetic resonance spectra of radicals with several equivalent protons. G.M. Zhidomirov, IU.N. Molin. Zhur.strukt.khim. 3 no.6:669-675 '62,

Electron paramagnetic resonance spectra of phenyl radicals. V.A. Tolkachev, I.I. Chkheidze, N.IA Buben. Zhur.strukt.khim 3 no.6:709-711 '62.

Electron paramagnetic resonance spectrum of benzyl radicals. V.A.Tolkachev, I.I. Chkheidze, N.IA.Buben. Dokl.AN SSSR 147 no.3:643-644 N '62.

RADICALS (CHEMISTRY) — SPECTRA (Continued)

Electron paramagnetic resonance study of radicals formed in the reaction of hydrogen atoms with benzene L. I. Avramenko and others. Izv. AN SSSR Otd. khim. nauk no. 11 2079-2081 N '62.

Superfine structure of electron paramagnetic resonance spectra of α,α-diphenyl-β-triphenylmethylhydrazyl and its derivatives. M. A. Ilʹina and others. Dokl. AN SSSR 147 no. 3 618-621 N '62.

RADIO

Kharkevich, A. A. [Fundamentals of radio engineering] Osnovy radiotekhniki. Moskva, Sviazʹizdat, 1962. 557 p.

A loop coupler. V. Shumkovskii. Radio no. 11 29 N '62.

A method for increasing the selectivity of receiving devices by superposing frequency spectra of two AM signals. IU. N. Babanov. Radiotekhnika 17 no. 12 48-51 D '62.

Nauchno-tekhnicheskoe obshchestvo radiotekhniki i elektrosviazi. [Session dedicated to the 100th anniversary of the birth of the great Russian scientist and inventor of the radio Aleksandr Stepanovich Popov, summaries of the papers] Nauchnaia sessiia, posviashchennaia stoletiiu so dnia rozhdeniia velikogo russkogo uchenogo i izobretatelia radio Aleksandra Stepanovicha Popova, annotatsii k dokladam. Moskva, 1959 148 p.

[Problems of radio engineering and radar] Zadachnik po radiotekhnike i radiolokatsii. [By] S. M. Aksel'rod i dr. Moskva, Gosenergoizdat, 1962. 414 p.

[Radio electronics abroad] Zarub. radioelek. 17 no. 12 D '62

Reception of wire broadcasting programs using a broadcast receiver. L. Kuntor. Radio no. 11 27-29 N '62.

RADIO—ANTENNAS

More about bruce-type antennas. K. Kharchenko. Radio no. 11:50-53 N '62.

RADIO—BIBLIOGRAPHY see Bibliography—Radio

RADIO—CONGRESSES

An all-Union scientific session dedicated to "Radio Day." Radiotekhnika 17 no. 12 79-80 D '62.

RADIO—EQUIPMENT AND SUPPLIES

Andreev, I. V., and others. [Radio consumer goods] Radiotovary; spravochnik. [Leningrad] Gostorgizdat, 1962. 211 p.

Benenson, N. M., and others. [Use of P-68 resin in the manufacture of radio apparatus] Opyt primeneniia smoly P-68 v izdeliiakh radiotekhnicheskoi apparatury. Leningrad, 1962. 10 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia Sinteticheskie materialy, no. 5)

RADIO—INTERFERENCE

Comparative measurements of radio interference generated by an experimental overhead power transmission line carrying d. c. and a. c. power. L. S. Petelʹman, A. S. Sokhranskii. Izv. NIIPT no. 8 133-143 '62

RADIO—RECEIVERS AND RECEPTION

Chernyshev, A. Kh. [An all-wave amateur radio receiver] Vsevolnovyi liubitelʹskii radiopriemnik. Moskva, Gosenergoizdat, 1962. 23 p. (Massovaia radio biblioteka, no. 434)

Input systems of radio receivers. E. Bornovolokov. Radio no. 11:36-38 N '62.

A simple tube-type radio receiver. E. Mozzhukhin, V. Fedorenko. Radio no. 11 44-47 N '62.

RADIO—REPAIRING

Our consultations. Radio no. 11:61-62 N '62.

RADIO—STUDY AND TEACHING

Moldavian S. S. R. Ministerstvo prosveshchenia. [Programs for secondary schools with industrial training; radio and electrical engineering] Programmy srednei shkoly s proizvodstvennym obucheniem, elektroradiotekhnicheskie spetsialʹnosti. Kishinev, Kartia moldovenieske, 1962, 101 p.

RADIO, SHORTWAVE—TRANSMITTERS AND TRANSMISSION

Besidskii, G. Z., and I. I. Golombek. [Modern FM ultrashortwave broadcasting stations] Sovremennye UKV ChM radioveshchatelʹnye stantsii. Moskva, Sviazʹizdat, 1962. 87 p. (Lektsii po tekhnike sviazi)

Class B transmitter. N. Ivanovich. Radio no. 11:20-23 N '62.

A radio transmitter for "fox hunting" games. I. Shalimov. Radio no. 11:24-26 N '62.

RADIO ASTRONOMY

Development of radio astronomical studies in the Laboratory for Radio Astronomy at the P. N. Lebedev Physical Institute of the Academy of Sciences of the U. S. S. R. V. V. Vitkevich. Trudy Fiz. inst. 17:3-12 '62.

Effective reception area of a radio interferometer. B. M. Chikhachev. Trudy Fiz. inst. 17:137-148 '62.

Estimation of the cosmic ray energy and magnetic field intensity in radio sources. A. A. Korchak. Trudy Fiz. inst. 17:149-160 '62.

Kaidanovskii, N. L. [Unseen universe; essays on the achievements of radio astronomy] Nevidimaia Vselennaia, ocherki dostizhenii radioastronomii. Leningrad, Ob-vo po rasprostraneniiu polit. i nauchn. znanii RSFSR, 1962. 62 p.

Mysterious transmitter on Jupiter (from "Science et vie"). Aime Michel. Znan.-sila 37 no. 9 26-27 S '62

Polarization of the radio emission from the Crab nebula at a wavelength of 21 cm. V. A. Udaltsov. Trudy Fiz. inst. 17:161-168 '62.

Results of observations of certain discrete radio sources at a wavelength of 9.6 cm. A. D. Kuzʹmin. Trudy Fiz. inst. 17:84-114 '62.

Some results of studies carried out with the PT-22 radio telescope. A. E. Salomonovich. Trudy Fiz. inst. 17 73-83 '62.

Theory of polarized radiation from the Crab nebula. V. A. Udaltsov. Trudy Fiz. inst. 17 169-178 '62.

RADIO ASTRONOMY—BIBLIOGRAPHY see Bibliography—Radio astronomy

RADIO DIRECTION FINDERS

The "hunters" were awarded gold medals. N. Tartakovskii. Radio no. 11 13-14 N '62.

A radio transmitter for "fox hunting" games. I. Shalimov. Radio no. 11:24-26 N '62.

The team of the U. S. S. R. has won the championship of the European continent. Anatolii Grechikhin a winner of two contests. N. Kazanskii. Radio no. 11:12-13 N '62.

RADIO FILTERS

Noise generator. L. Shubin. Radio no. 11 49 N '62.

RADIO IN INDUSTRY see subdivision under Kharkov

RADIO IN MINING see subdivision under Donets Basin

RADIO IN NAVIGATION

New marine radio-telephone "Iriash." I. Miroshnichenko. Rech. transp. 21 no. 12, 40-42 D '62.

RADIO IN NAVIGATION—HANDBOOKS, MANUALS, ETC.

Konstantinov, V. P. [Ship radio operator's handbook] Posobie sudovomu radistu. 2., dop. i perer. izd. Moskva, Izd-vo "Rechnoi transport," 1962. 262 p.

RADIO JOURNALISM see subdivision under Bukovina

RADIO LINES

Sobolevskii, A. G. [Wires, cords, and cables] Provoda, shnury, kabeli. Moskva, Gosenergoizdat, 1962. 47 p. (Massovaia radiobiblioteka. Spravochnaia seriia, no. 448)

RADIO MEASUREMENTS

A high-speed generator-counter system. S. A. Alenkerov, M. M. Gelʹmann, R. IA. Kanumov. Trudy Vych. tsentra AN Azerb. SSR 1, 30-45 '62

A miniature network insulation tester (from "Radio und Fernsehen," no. 2, 1962). Radio no. 11, 55 N '62.

Precise adjustment of a stage with low Q-factor. A. Fiurstenberg. Radio no. 11:53-54 N '62.

RADIO OPERATORS

(see also subdivision under Crimea, Franz Josef Land, Virgin Territory)

Endurance and professional skill. T. Kargopolov. Radio no. 11:14-15 N '62.

The "hunters" were awarded gold medals. N. Tartakovskii. Radio no. 11:13-14 N '62.

The team of the U. S. S. R. has won the championship of the European continent; Anatolii Grechikhin a winner of two contests. N. Kazanskii. Radio no. 11:12-13 N '62.

RADIO PROGRAMS see subdivision under Murmansk

RADIO RELAY SYSTEMS

Izmunov, N. M. [Radio relay communications] Radiorelinaia sviaz'. Izd. 2., polnostʹiu perer. Moskva, Gosenergoizdat, 1962. 94 p. (Massovaia radiobiblioteka, no. 447)

RADIO WAVES

The radio sky. V. Ginzburg. Tekh. mol. 30 no. 10:12-14 '62.

RADIOACTIVATION ANALYSIS

Application of the activation energy concept to the analysis of the mechanism of alloy recovery processes. L. N. Larikov. Sbor. nauch. rab. Inst. metallofiz. AN URSR no. 15:137-141 '62.

RADIOACTIVE PROSPECTING

Using the results of radiometric surveying for metallogenetic prediction. M. I. Tolstoi. Geol. zhur. 22 no. 5:69-75 '62.

RADIOACTIVE PROSPECTING—EQUIPMENT AND SUPPLIES

Mechanical counter of beta rays emitted from metallometric samples. V. IA. Kirillov. Razved. i okh. nedr. 28 no. 11:51 N '62.

RADIOACTIVE TRACERS

Application of radioactive isotopes in stockbreeding. A. A. Kudriavtsev, A. I. Vertunov. Zhivotnovodstvo 24 no. 9 71-74 S '62

RADIOACTIVITY

Determining the induced radioactivity in the second spaceship. V. V. Matveev, A. D. Sokolov. Probl. kosm. biol. 1 265-266 '62

Shvedov, V. P., and S. I. Shirokov, eds. [Radioactive pollution of the external environment] Radioaktivnye zagriaznenita vneshnei sredy. Moskva, Gosatomizdat, 1962. 274 p.

"Study of the density and moisture of soils using radioactive methods" by A. IE. Babynets', S. T. Zvolʹskyi. Reviewed by N. N. Kosiura, S. N. Kudin. Geol. zhur. 22 no. 5:109-110 '62.

RADIOACTIVITY—SAFETY MEASURES

Thematic exhibition on the subject "Means of Protection in Work with Radioactive Substances." Atom energ. 13 no. 6 611-613 D '62.

RADIOBIOLOGY

Radiobiology; its achievements and objectives. A. Kuzin. Kommunist 39 no. 1 78-85 Ja '63

Sun vitamins. IU. Polkovnikov. IUn. tekh. 7 no. 11 37-39 N '62.

RADIOBROADCASTING

New trends. Fed. Krutov. Sov. pech. no. 11:36-38 N '62.

RADIOCHEMISTRY

Mass spectra of molecules and radiation chemistry. N. N. Tunitskii, S. E. Kuprianov, A. A. Perov. Izv. AN SSSR. Otd. khim. nauk no. 11 1945-1953 N '62.

Pshezhetskii, S. IA. [Mechanism of radiation-chemical reactions] Mekhanizm radiatsionno-khimicheskikh reaktsii. Moskva, Goskhimizdat, 1962. 360 p.

Study of local radiation injuries in DNA by the method of the thermal division of the spirals [with summary in English]. N. I. Riabchenko, P. I. TSeitlin, A. G. IAskevich. Biul. eksp. biol. i med. 54 no. 11:51-54 N '62

Tarusov, B. N. [Primary reactions of radiation injury] Pervichnye protsessy luchevogo porazhenila. Moskva, Gosatomizdat, 1962.

RADIODIAGNOSIS see Diagnosis, Radioscopic

RADIOGRAPHY

Investigating the sensitivity of "Roentgen-X" and "Roentgen-XX" films to electrons. K. K. Aglintsev, V. V. Smirnov, M. N. Chubarov. Zhur. nauch. i prikl. fot. i kin. 7 no. 6 444-446 N-D '62

RADIOISOTOPES

Applying radioactive isotopes for marking insects. S. V. Andreev, V. A. Molchanova, B. K. Martens. Zashch. rast. ot vred. i bol. 5 no. 2:45-47 F '60.

Gamma-ray albedo of some radioactive isotopes [with summary in English]. U. Ulmanis. Izv. AN Latv. SSR no. 3:61-66 '61.

"Removal of radioactive isotopes from water and sewage" by G. V. IAkimov. Reviewed by B. T. Goldobin. Ved. i nauch. tekh. no. 9 39-40 '62.

RADIOISOTOPES—INDUSTRIAL APPLICATIONS

Control-blocking noncontact systems with radioactive pickups for stamping and forging. V. T. Meshcherin and others. Sbor. MOSSTANKIN no. 6 22-60 '62.

Investigating certain parameters of noncontact systems controlling the thickness of sheet billets for automatic stamping. A. E. Artes. Sbor. MOSSTANKIN no. 6:61-84 '62.

Investigating certain parameters of the SShT-11 noncontact device for measuring the dimensions of parts forged on hydraulic presses. IU. A. Makarin, M. Polonskii. Sbor. MOSSTANKIN no. 6:85-109 '

New noncontact cont
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no.

Use of radioactive isotopes to control the grinding of magnesite refractories. D. M. Shakhtin, E. V. Levintovich. Sbor. nauch. trud. UNIIO no. 5:336-341 '61.

Volumetric proportioning of billets for stamping with noncontact units. V. T. Meshcherin, E. N. Lanskoi, V. B. Pokrovskii. Sbor. MOSSTANKIN no. 6:110-120 '62.

RADIOISOTOPES—SAFETY MEASURES

Safe operation of units with radioactive pickups. A. E. Artes. Sbor. MOSSTANKIN no. 6:131-137 '62.

RADIOISOTOPES—TECHNICAL INNOVATIONS

Soveshchanie po metodam ispytaniia na iznashivanie, Moscow, 1960. [Methods for wear testing] Metody ispytaniia na iznashivanie; trudy. Moskva, Izd-vo Akad. nauk SSSR, 1962. 237 p.

[MICROFILM]

RADIOLARIA, FOSSIL see subdivision under Turgay Gates; West Siberian Plain

RADIOLOGISTS—DISEASES AND HYGIENE

Clinical aspects and treatment of cerebrovascular disorders complicated by some harmful occupational factors. R. G. Golodets. Trudy Gos. nauch.-issl. inst. psikh. 25 603-610 '61

RADIOMETER

Scintillation α-radiometer of the type RAL-1. A. L. IAkubovich. Atom energ. 13 no. 6 615-617 D '62

RADON

Berodze, B. E. [Tskhaltubo thermal waters and the conditions of the radon enrichment] TSkhaltubskie termal'nye vody i usloviia obogashchenila ikh radonom. Tbilisi, Gos. izd-vo "Sabchota Sakartvello," 1962. 89 p.

[MICROFILM]

RAFTS

Masliakov, V. N. [Raft towing] Buksirovka plotov. Moskva, Izd-vo 'Rechnoi transport,' 1962. 185 p.

Reinforcing rafts for passage in reservoirs. I. Skiltsov. Rech. transp. 24 no. 12 48 D '62

RAILROAD BRIDGES

Andreev, N. P., A. I. Dubrovskii and I. S. Fainshtein. [Handbook on the construction of engineering structures] Spravochnik po postroike iskusstvennykh sooruzhenii. Izd. 2., dop. i perer. Moskva, Transzheldorizdat, 1962. 511 p.

RAILROAD ENGINEERING

Moscow. Vsesoiuznyi zaochnyi institut inzhenerov zheleznodorozhnogo transporta. [General course in railroad engineering, a textbook on the section "Tracks, construction, operation and maintenance" for second year students in all specialization fields] Obshchii kurs zheleznykh dorog uchebnoe posobie po razdelu "Put' i putevoe khoziaistvo" dlia studentov II kursa vsekh spetsial'nostei. 2., perer. izd. Moskva, 1962. 24 p.

[MICROFILM]

They write to us. N. P. Gukovich, A. I. Markov. Transp. stroi. 12 no. 11, 62 N '62.

RAILROAD MOTORCARS

A. C. electric trains. M. T. Glushkov. [Trudy] LIIZHT no. 193 26-35 '62

RAILROAD RESEARCH

In the departments and laboratories of the Central Scientific Research Institute of the Ministry of Railroad Transportation. Vest. TSNII MPS 21 no. 7 63 '62.

RAILROADS

(see also subdivision under Dnieper Valley, Moscow Province)

Railroad kaleidoscope. S. IAs'ko, V. Ievgeniev. Znan. ta pratsia no. 8:7 Ag '62.

RAILROADS—ACCOUNTS, BOOKKEEPING, ETC.

Naumov, G. K., N. I. Silaev, and N. T. Cherniukha. [Business accounting in a railroad section] Khoziaistvennyi raschet na otdelenii zheleznoi dorogi. Moskva, Transzheldorizdat, 1962. 158 p.

RAILROADS—AUTOMATIC TRAIN CONTROL

Machines control the movement. N. D. Rabinovych. Znan. ta pratsia no. 8:8-9 Ag '62.

RAILROADS—BIBLIOGRAPHY see Bibliography—Railroads

RAILROADS—BRAKES

Moscow. Vsesoiuznyi zaochnyi institut inzhenerov zheleznodorozhnogo transporta. [Disk brakes] Diskovyi tormoz, uchebnoe posobie po distsipline "Avtotormoza" dlia studentov V i VI kursov spetsial'nostei "Vagonostroenie i vagonnoe khoziaistvo," "Teplovozy i teplovoznoe khoziaistvo," "Elektrifikatsiia zheleznodorozhnogo transporta." Moskva, 1962. 30 p.

RAILROADS—BUILDINGS AND STRUCTURES

[Construction operations in railroad electrification] Stroitel'nye raboty pri elektrifikatsii zheleznykh dorog. [By] A. P. Alekseev i dr. Moskva, Transzheldorizdat, 1962. 287 p.

More accurate method of calculating the warehouse space of freight yards. L. A. Kogan, V. A. Katolichenko. Vest. TSNII MPS 21 no. 7 28-32 '62.

RAILROADS—CARS

(see also subdivision under Baku; Barnaul)

Cars are rushing at full speed,... I. M. Koroltelev. Znan. ta pratsia no. 8:10-11 Ag '62.

RAILROADS—CONGRESSES

Conference of railroad electrification and power engineering workers. IA. A. Zel'vianskii. Elektrichestvo no. 12:85-86 D '62.

RAILROADS—CONSTRUCTION

(see also subdivision under Siberia)

Ballasting the track in winter. I. D. Ulantsev. Transp. stroi. 12 no. 11:16-18 N '62.

Construction of the Abakan - Tayshet line. S. A. Liskovets, A. G. Kanevskii. Transp. stroi. 12 no. 10:6-10 O '62.

Construction workers employed by the transportation industry need maneuverable, highly productive equipment. P. I. Bakarev, O. E. Zheltov. Transp. stroi. 12 no. 11 10-13 N '62.

From the pages of foreign magazines. Transp. stroi. 12 no. 11:61 N '62

Introduce long rails and continuous track more widely. Transp. stroi. 12 no. 10:1-2 O '62.

Klauz, P. L., and G. N. Krlukov. [Organization and operation of mechanized construction and track maintenance work] Organizatsiia i proizvodstvo mekhanizirovannykh stroitel'nykh i putevykh rabot. Moskva, Transzheldorizdat, 1962. 207 p. diagrs.

Organization of the work of the head station in a wooded and swampy locality. M. F. Khil'ko. Transp. stroi. 12 no. 11:14 N '62.

Vernikov, S. M. [Rails go to the taiga] Rel'sy ukhodiat v taigu. [Tiumen'] Tiumenskoe knizhnoe izd-vo, 1961. 42 p.

RAILROADS—COST OF OPERATION

Tikhonov, K. K. [Technical and economic calculations in the operation of railroads] Tekhniko-ekonomicheskie raschety v ekspluatatsii zheleznykh dorog. Moskva, Transzheldorizdat, 1962. 251 p.

RAILROADS—EARTHWORK

Problems of the density of soil in the body of a railroad embankment. A. A. Shalamberidze. Trudy GPI [Gruz.] no. 5:137-145 '61.

We combine operations skillfully. N. A. Sadovin. Transp. stroi. 12 no. 10:4-5 O '62

RAILROADS—ELECTRIC EQUIPMENT

Specialists from the German Democratic Republic visit the Academy of Sciences of the Latvian S. S. R. Izv. AN Latv. SSR no. 3:150 '61

RAILROADS—ELECTRIFICATION

Brief reports. Prom. energ. 17 no. 11:57-58 N '62.

Comparison of the engineering and economic features of different alternatives of railroad electrification. E. P. Figurnov. [Trudy] LIIZHT no. 193 244-248 '62.

Construction of the precast pile foundations of stationary contact network poles on the slopes of the embankment. A. A. Orel. Transp. stroi. 12 no. 10:15-16 O '62.

[Construction operations in railroad electrification] Stroitel'nye raboty pri elektrifikatsii zheleznykh dorog. [By] A. P. Alekseev i dr. Moskva, Transzheldorizdat, 1962. 287 p.

Electrification of the railroads of the U. S. S. R. on operative a.c. and objectives of Soviet scientists. A. I. Tishchenko. [Trudy] LIIZHT no. 193 3-11 '62.

Our contribution to electrification. P. I. Golubev. Transp. stroi. 12 no. 10 3 O '62

Problems concerning the electrification of railroads, standardization of cars and traction motors of electric and diesel locomotives. [Trudy] LIIZHT no. 193 12-17 '62

Sal'nikov, I. S., and N. M. Lomonosov. [Organization of the management of electrified railroads] Organizatsiia khoziaistva elektrifitsirovannykh zheleznykh dorog. Moskva, Transzheldorizdat, 1962. 349 p.

Steel arteries of our country. Znan. ta pratsia no. 8:1-2 Ag '62.

RAILROADS—EMPLOYEES

Conference of railroad electrification and power engineering workers. IA. A. Zel'vianskii. Elektrichestvo no. 12:85-86 D '62.

Toward dawn. IE. Deikina. Znan. ta pratsia no. 8:13-14 Ag '62.

RAILROADS—EQUIPMENT AND SUPPLIES

Complex development of technical means to provide for container transportation for the future. M. D. Sitnik. Trudy MIIT no. 146, 93-133 '62

Locomotive scales using magnetoresilient transducers. B. F. Tarasov, L. M. Karasev. Trudy LIIZHT no. 175 136-146 '61.

Lopal, S. D., A. I. Reprev, and D. S. Kondrashov. [Overall mechanization of ballasting operations] Kompleksnaia mekhanizatsiia ballastirovochnykh rabot. Moskva, Transzheldorizdat, 1962. 175 p.

RAILROADS—FINANCE

Andreev, M. G., and others. [Planning, business accounting and analysis of the administrative operations of a railroad car depot] Planirovanie, khozraschet i analiz khoziaistvennoi deiatel'nosti vagonnogo depo. Moskva, Transzheldorizdat, 1962. 149 p.

Improve issuing credit to railroads. M. Reer and others. Den. i kred. 20 no. 10:42-53 O '62.

RAILROADS—FREIGHT

(see also subdivision under Krasnodar Territory)

Complex development of technical means to provide for container transportation for the future. M. D. Sitnik. Trudy MIIT no. 146, 93-133 '62.

Efficiency of technical group routing of freight. V. A. Pokavkin. Trudy RIIZHT no. 30:93-143 '61.

Methodology of the distribution of container service points. M. F. Trikhunkov. Trudy MIIT no. 146, 134-155 '62.

Potentialities of a further expansion and increase in efficiency of freight transportation in containers. V. V. Povorozhenko, M. F. Trikhunkov. Trudy MIIT no. 146 4-37 '62

Theoretical problems in the planning and design of freight yards and container service points. A. A. Smekhov. Trudy MIIT no. 146 38-92 '62.

RAILROADS—FREIGHT CARS

Mechanization of welding operations in the manufacture of freight cars. V. I. Vasil'ev. Svar. proizv. no. 5:27 28 My '62.

Ways of improving the design of six-axle gondola cars. S. M. Borodai, A. V. Fedoseev. Vest. TSNII MPS 21 no. 7 41-44 '62

RAILROADS—GUIDES

Balandin, B. A., and others. [Moscow - the Caucasus; railroad guide] Moskva - Kavkaz; zheleznodorozhnyi putevoditel'. Moskva, Transzheldorizdat, 1962. 135 p.

Matiushenko, D. IA., and M. D. Matiushenko. [Moscow - the Crimea; railroad guide] Moskva - Krym; zheleznodorozhnyi putevoditel'. [Moskva] Transzheldorizdat [1962] 103 p.

[Moscow - Chop; railroad guide] Moskva - Chop; zheleznodorozhnyi putevoditel'. [Moskva] Transzheldorizdat, 1962. 150 p.

RAILROADS—LABOR PRODUCTIVITY see subdivision under Krivoy Rog Basin

RAILROADS—MAINTENANCE AND REPAIR

Blokhin, K. A., and S. A. Pashnin. [Track overhauling operations] Kapital'nye putevye raboty. Moskva, Transzheldorizdat, 1962. 320 p.

Determining the adequate duration of "intervals" provided for track work in double-track sections. A. I. Bogachev. Trudy RIIZHT no. 30:57-62 '61

Determining the economically favorable duration of "intervals" in the nongroup train sheets in case of track repair in single-track sections. A. I. Bogachev. Trudy RIIZHI no. 30:36-56 '61

Increasing the capacity of double-track sections and stations during the repair and reconstruction of tracks. A. I. Bogachev, A. S. Plianko. Trudy RIIZHI no. 30 144-172 '61

Klauz, P. L., and G. N. Krlukov. [Organization and operation of mechanized construction and track maintenance work] Organizatsiia i proizvodstvo mekhanizirovannykh stroitel'nykh i putevykh rabot. Moskva, Transzheldorizdat, 1962. 207 p. diagrs.

RAILROADS—MAKING UP TRAINS

Analysis of the plan for making up direct trains on extended haul distances. K. A. Baringard, R. V. Medvedeva. Vest. TSNII MPS 21 no. 7:17-21 '62.

Grouping maneuvers on a multiple-track fork and setting of their norms. B. S. Kuleti. Trudy RIIZHI no. 30:180-205 '61.

Use of electronic calculating machines for the programming of plan calculations for making up trains. N. A. Samarina. Trudy RIIZHT no. 30:173-179 '61

RAILROADS—MANAGEMENT

Investigating the idle time of locomotives in train reclassification stations. V. A. Pokavkin. Vest. TSNII MPS 21 no. 7, 21-24 '62.

Tikhonov, K. K. [Technical and economic calculations in the operation of railroads] Tekhniko-ekonomicheskie raschety v ekspluatatsii zheleznykh dorog. Moskva, Transzheldorizdat, 1962. 251 p.

RAILROADS—PASSENGER TRAFFIC

Moscow. Vsesoiuznyi zaochnyi institut inzhenerov zheleznodorozhnogo transporta. [Statistics of passenger transportation] Statistika perevozok passazhirov; uchebnoe posobie po distsiplinam "Zheleznodorozhnaia statistika" i "Osnovy statisticheskogo i bukhgalterskogo ucheta na zheleznodorozhnom transporte" dlia studentov IV kursa spetsial'nosti "Ekonomika i organizatsiia zheleznodorozhnogo transporta" i V kursa spetsial'nosti "Ekspluatatsiia zheleznykh dorog." Moskva, 1962. 21 p.

RAILROADS—RAILS

Without joints, ties, or ballast.... M. A. Frishman. Znan. ta pratsia no. 8:3-4 Ag '62.

RAILROADS—ROLLING STOCK

Koroley, A. N., and A. I. Popov. [Economics, organization, and planning of railroad car operation] Ekonomika, organizatsiia i planirovanie vagonnogo khoziaistva. Moskva, Transzheldorizdat, 1962. 200 p.

System for automatically starting a train with speed regulation according to time. IU. A. Shangin. Trudy LIIZHT no. 175:53-55 '61.

Zmeev, A. A., and N. G. Kovalev. [Railroad rolling stock; the production and foreign trade of capitalist countries] Zheleznodorozhnyi podvizhnoi sostav; proizvodstvo i vneshniaia torgovlia kapitalisticheskikh stran. Moskva, Vneshtorgizdat, 1962. 214 p.

[MICROFILM]

RAILROADS—SAFETY MEASURES

Russia (1923- U. S. S. R.) Upravlenie glavnogo revizora po bezopasnosti dvizhenila. [Materials on traffic safety] Sbornik materialov po bezopasnosti dvizhenila, vyderzhki iz prikazov i ukazanii Ministerstva putei soobshchenila po bezopasnosti dvizhenila Po sostoianiiu na 1 iiulia 1962 g. Moskva, Transzheldorizdat, 1962. 191 p.

RAILROADS—SALARIES, PENSIONS, ETC.
(see also subdivision under Moscow)

Amendment to the list for assigning enterprises, organizations of railroad transportation, subways, and their subsections to the managerial, engineering and technical wage groups. Biul. Gos. kom. po vop. truda i zar. platy no 4:5 '62.

RAILROADS—STANDARDS

Problems concerning the electrification of railroads, standardization of cars and traction motors of electric and diesel locomotives. (Trudy) LIIZHT no 194 12-17 '62.

RAILROADS—STATIONS
(see also subdivision under North Kazakhstan Province, Orsha, Ural Mountain region)

New types of small railroad stations. I. Lukashchik and others. Arkhit. SSSR no 11:18 '62.

Standard designs for suburban passenger pavilions. Arkhit. SSSR no. 11 18-20 '62.

RAILROADS—STATISTICS

Moscow. Vsesoiuznyi zaochnyi institut inzhenerov zheleznodorozhnogo transporta. [Statistics of passenger transportation] Statistika perevozok passazhirov; uchebnoe posobie po distsiplinam "Zheleznodorozhnaia statistika" i "Osnovy statisticheskogo i bukhgalterskogo ucheta na zheleznodorozhnom transporte" dlia studentov IV kursa spetsial'nosti "Ekonomika i organizatsiia zheleznodorozhnogo transporta" i V kursa spetsial'nosti "Ekspluatatsiia zheleznykh dorog." Moskva, 1962. 21 p.

RAILROADS—SWITCHES
(see also subdivision under Arkhangel Province, White Russia)

Deformations and stresses in the 1/18 mark switches. S. V. Amelin and others. Vest. TSNII MPS 21 no. 7 45-48 '62.

Increasing the traffic speed on existing switch types. I. A. Kotlukov. Vest. TSNII MPS 21 no 7:48-52 '62.

RAILROADS—TIES

Method of determining the average service life of ties on the railroad track. F. M. Murav'ev, G. L. Tatarets. Trudy RIIZHT no 30 3-33 '61.

RAILROADS—TIMETABLES

[Timetable for passenger trains; winter 1962-1963] Raspisanie dvizhenila passazhirskikh poezdov (kratkoe), zima 1962/63 goda. Moskva, Transzheldorizdat, 1962. 256 p.

[Timetables of suburban trains; Moscow - Balazhikha - Noginsk - Petushki, Moscow Railroad, Winter 1962/63] Raspisanie dvizhenila prigorodnykh poezdov, Moskva - Balashikha - Noginsk - Petushki, Moskovskoi zh. d. Zima 1962/63 g. [Moskva] Transzheldorizdat, [1962] 54 p.

RAILROADS—TRACK

Continuous track in the construction of new railroads. A. N. Sensarevskii, B. I. TSvelodub. Transp. stroi. 12 no 10:10-14 O '62.

Gas welding under pressure of continuous track rails. G. I. Novozhilov. Transp. stroi. 12 no 10:14-15 O '62.

More about the efficient profile of the new railroad. M. A. Petrov. Transp. stroi. 12 no 10 38-40 O '62.

Movement resistance of the elements of the track superstructure of narrow-gauge lumber railroads. B. I. Kuvaldin, G. N. Sidorin. Izv. vys. ucheb. zav., lesn. zhur. 4 no. 5:53-58 '61.

Requirements for the distribution of overtaking points on double-track lines. L. M. Godovich. Vest. TSNII MPS 21 no. 7:25-28 '62.

[Struggling for a secure track] V bor'be za zdorovyi put'. Moskva, Transzheldorizdat, 1962. 70 p. (Zheleznodorozhniki - poredoviki sotsialisticheskogo sorevnovaniia)

RAILROADS—TRAINS

Determining the weight of trains using a new formula for basic resistance. T. M. Arevadze. Trudy GPI [Gruz.] no. 5:129-135 '61.

RAILROADS—YARDS

Theoretical problems in the planning and design of freight yards and container service points. A. A. Smekhov. Trudy MIIT no. 146:38-92 '62.

RAILROADS, INDUSTRIAL—CONSTRUCTION

Mikulin, B. P., and P. M. Shvarkov. [Surveying, designing, and planning of industrial railroads] Izyskaniia i proektirovanie zheleznykh dorog promyshlennykh predpriiatii. Moskva, Metallurgizdat, 1962. 271 p.

RAILS (BIRDS)—PARASITES see Parasites—Rails (Birds)

RAINIS, IAN, pseud. see Plieksans, Janis, 1865-1929

RAKITNOYE DISTRICT (BELGOGRAD PROVINCE)—COLLECTIVE FARMS—ACCOUNTING

Materials of "Partiinaia zhizn'." Part. zhizn' no. 24: 69 D '62.

RAKOV, NIKOLAI PETROVICH, 1908-

"Pieces for cello and piano" by N. P. Rakov. Reviewed by L. Ginzburg. Sov. muz. 26 no. 11:143-144 N '62.

RAMAN EFFECT

Broadening of lines in rotational and vibration-rotational Raman spectra in the gaseous phase. IU. A. Lazarev. Opt. i spektr. 13 no. 5:655-662 N '62.

Molecular interaction and Fermi resonance in Raman spectra. I. I. Babich, I. I. Kondilenko, V. L. Strizhevskii. Opt. i spektr. 13 no 5 642-648 N '62.

Overtone line intensities in Raman spectra. I. I. Kondilenko, V. E. Pogorelov, V. L. Strizhevskii. Opt. i spektr. 13 no. 5:649-654 N '62.

Raman spectrum in the cesium bromide crystal. A. I. Stekhanov, A. P. Korol'kov. Fiz. tver. tela 4 no 11: 3156-3160 N '62.

Scattering power of molecules in the liquid state in Raman scattering of light [with summary in English]. I. I. Babich, I. I. Kondilenko, V. L. Strizhevskii. Ukr. fiz. zhur. 7 no 7 742-747 Jl '62.

Structure of beryllium halides in a concentrated aqueous solution. IA. S. Bobovich. Opt. i spektr. 13 no. 5:673-675 N '62.

Width of Raman spectrum lines in solutions. N. I. Rezaev, G. G. Baula. Vest. Mosk. un. Ser. 3: Fiz., astron. 17 no. 6:63-65 N-D '62.

RANDOM PROCESSES

Method for determining the correlation function of normal random processes. V. I. Nesteruk, N. N. Porfir'eva. Izv. vys. ucheb. zav.; prib. 5 no. 6 55-57 '62.

RANGE FINDING

Practice of working with the DD3 differential range finder. V. S. Zelenei, K. A. Bablotiants. Geod. i kart. no. 11: 30-40 N '62.

RANGE FINDING—EQUIPMENT AND SUPPLIES

Rods for measuring lines with a range finder with wires. N. G. Romanov. Geod. i kart. no 11:36-37 N '62.

RARE EARTH COMPOUNDS

Effect of small additions of yttrium, lanthanum, and cerium oxide on certain magnetic characteristics of magnesium-manganese ferrites and the X-ray spectra of transition metals in them [with summary in English]. E. L. Vainshtein and others. Poroshk. met. 2 no. 6 72-80 N-D '62.

RARE EARTH FERRATES—MAGNETIC PROPERTIES

The fast part of the magnetic viscosity of rare earth ferrate-garnets as a function of the magnetic filed intensity and temperature. A. M. Ifimova. Fiz. tver. tela 4 no. 10:2675-2680 O '62.

RARE EARTH METALS

Efficiency of treatment with rare metal alloys. N. F. Kas'ianova, K. F. Klubnichkin, E. M. Shkol'nikov. Lit. proizv. no. 11:37 N '62.

Savitskii, E. M., and others. [Rare-earth metal alloys] Splavy redkozemel'nykh metallov. Moskva, Izd-vo Akad. nauk SSSR, 1962. 266 p.

Stabilization of the high temperature forms of dicalcium silicate by the orthosilicates of the lanthanum series. N. A. Toropov, N. F. Fedorov. Zhur. prikl. khim. 35 no. 10 2156-2161 O '62.

RARE EARTH METALS—ANALYSIS

Determination of the conditional instability constants of yttrium, lanthanum, and cerium alizarin reaction products. L. S. Serdiuk. Ukr. khim. zhur. 28 no. 7: 786-788 '62.

RARE EARTH TITANIUM OXIDE

Hydrothermal synthesis and X-ray study of $TRNbTiO_6$ type compounds. A. N. Komkov and others. Dokl. AN SSSR 147 no. 3:607-608 N '62.

RARE EARTHS
(see also subdivision under Ishim region)

Industrial founding of glass colored with rare-earth elements in the form of concentrates and ores. N. A. Iudin, N. P. Nikonov. Stek. i ker. 19 no. 11:37-38 N '62.

"Studies of rare earths from the point of view of economic geology" by B. I. Kogan. Reviewed by D. IA. Surazhskii and others. Geol. rud. mestorozh. no. 5: 103-104 S-O '62.

RARE EARTHS—ANALYSIS

Effect of solvent mixture composition on the separation of some rare earths by paper chromatography [with summary in English]. A. K. Babko, M. E. Vdovenko. Zhur. anal. khim. 17 no. 7:820-824 O '62.

RARE EARTHS—SPECTRA

Spectrographic quantitative determination of small amounts of rare earths in rocks and minerals [with summary in English]. A. K. Rusanov and others. Zhur. anal. khim. 17 no. 7:809-819 O '62.

Spectrophotometric determination of rare earths in solutions of ethylenediaminotetraacetic complexes [with summary in English]. V. T. Mishchenko, N. S. Poluektov. Zhur. anal. khim. 17 no 7 825-830 O '62.

RAYON—STANDARDS

Viscose cord. N. A. Novikov, E. F. Fedorova. Standartizatsiia 26 no. 11:27-29 N '62.

RAZADAN DISTRICT—SUGAR BEETS

Growing beets under various spacing conditions [in Armenian with summary in Russian]. V. E. Aslanian. Izv. Glav. upr. sel'khoz., nauk i podgot. kad. Arm. SSR 5 no. 4 31-38 '62.

RAZDOL'SKII, IVAN IAKOVLEVICH, 1880-1962

Ivan IAkovlevich Razdol'skii; an obituary. Zhur. nevr. i psikh. 62 no 8 1277-1278 Ag '62.

RAZUMOV, ALEKSANDR SEMENOVICH, 1894-1960

Aleksandr Semenovich Razumov (1894-1960), an obituary. S. I. Kuznetsov, F. V. Dianova, G. I. Dolgov. Trudy Gidrobiol. ob-va 12 417-419 '62.

READING (ELEMENTARY)

Expressive reading in the second grade. I. S. Kolesnyk. Ukr. mova v shkoli 12 no. 6 64-69 N-D '62.

REALISM IN LITERATURE

Discussion on methodology. B. Suchkov. Vop. lit. 6 no. 10 123-139 O '62.

Discussion on realism of the 20th century. T. Motyleva. Vop. lit. 6 no. 10 140-158 O '62.

"Remarks on contemporary realism" by A. Ivashchenko. Reviewed by D. Zatonskii. Vop. lit. 6 no. 10:226-232 O '62.

REARRANGEMENTS (CHEMISTRY)

Effect of pressure on the rate of A. E. Arbuzov reactions. M. G. Gonikberg, I. Z. Fainshtein. Dokl. AN SSSR 147 no. 3:612-614 N '62.

RECHITSA DISTRICT—FORESTRY SCHOOLS AND EDUCATION

Young forest rangers. I. Krasutski. Belarus' 19 no. 11: 11 N '62.

RECHMEDIN, VALENTYN

"Spring storms, a novel" by Valentyn Rechmedin. Reviewed by Kosenko. Volov. ateist no. 7 61-62 Jl '62.

RECLAIMED RUBBER see Rubber, Reclaimed

RECLAMATION OF LAND
(see also subdivision under Kzyl-Orda Province)

Soil healing. A. Smirniagina. Tekh. mol. 30 no 10: 1-3 '62.

RECOMBINATION (CHEMISTRY)

Relationship between dissociation and recombination rate constants under nonequilibrium conditions. E. F. Nikitin. Kin. i kat. 3 no. 6:830-835 N-D '62.

RECRUITING AND ENLISTMENT

Some medical indices of recruiting in Russia. L. I. Pondeev. Sov. zdrav. 21 no. 12 70-71 '62.

RECTUM—RUPTURE

Rupture of the rectum with the prolapse of loops of the small intestine through the anal orifice. G. V. Driagin. Vest. khir. 89 no. 9:125-126 S '62.

RED CLOVER

Additional artificial pollination of red clover [with summary in English]. N. S. Razin. Trudy VNIIL no 5:87-97 '60.

Cultivation practices for red clover. S. N. Privalova. Trudy VNIIL no 4 91-104 '55.

Effect of environmental conditions on the change of basic economic indices of red clover [with summary in English]. A. G. Bermes. Trudy VNIIL no 5 69-86 '58.

RED CLOVER—FERTILIZERS AND MANURES

Effect of Ca^{45} and P^{32} on the development of fiber flax and red clover [with summary in English]. A. D. Kostiuchenko, L. I. Petrova. Trudy VNIIL no 5:171-183 '58.

RED SOILS see Soils, Red

RED SPIDER see subdivision under Soviet Central Asia

REDUCING AGENTS

Effect of some reducing agents on the gluten and baking qualities of flour from overheated grain [with summary in English]. I. Sh. Shiklovskii. Trudy VNIIZ no. 38: 183-199 '60.

Effect of some reducing agents on the gluten of flour pretreated with ethanol, oleic acid, formalin, and copper sulfate [with summary in English]. I. Sh. Shiklovskii. Trudy VNIIZ no. 38:183-192 '60.

REDUCTION, CHEMICAL

Catalytic reduction of aromatic nitro compounds. Report No. 12. Polarographic study of the mechanism underlying the reduction of nitrobenzene on skeletal nickel. V. P. Shmonina and others. Trudy Inst. khim. nauk AN Kazakh. SSR 8:64-72 '62.

REDUCTION, CHEMICAL (Continued)
Effect of additions of alkali metal carbonates on the reduction rate of uranium trioxide. V.M Zhukovskii, V.G.Vlasov. Zhur.prikl.khim. 35 no.10 2131-2134 O '62.
Hydrazine catalyzed reduction. K K Dzhardamalieva Trudy Inst khim.nauk AN Kazakh SSR 8:150-156 '62
Kinetics of reduction of ammonia catalysts of various chemical composition IU N.Artukh, M T Rusov, O.A Strel'tsov Ukr khim zhur 28 no 7 825-828 '62
Reduction of uranium trioxide by ammonia. V.G. Vlasov, V.M. Zhukovskii. Kin.i kat. 3 no.6 882-886 N-D '62
REDUCTION, ELECTROLYTIC
Mechanism of the electroreduction of oxygen on oxidized iron Report No 2 A S Afanas'ev, V V Shevchenko Ukr khim zhur 28 no.6 1061-1065 '62
REED, JOHN, 1887-1920
In our ranks today. M.Afonin. Sov.pech. no.11 51-52 N '62.
John Reed; on the 75th anniversary of his birth. Vest. AN SSSR 32 no 12 115-116 D '62.
REED (BOTANY)
(see also subdivision under Amu Darya Delta, Dnieper Valley, Syr Darya Valley)
Make efficient use of reed natural resources. Bum. prom. 37 no.11:1-2 N '62.
REED (BOTANY)—STORAGE
Reed stacking for storage. A.F.Galkin. Bum.prom. 37 no.11 10-11 N '62
REED PRODUCTS
Investigating the sulfite cooking processes of reed pulp. S.P.Roteev. Bum.prom. 37 no.11:3-4 N '62.
Use of reed pulp for the manufacture of fine paper varieties. M.M.Grinberg, N.I.Burtnala. Bum. prom. 37 no.11,5-6 N '62.
REFLEXES
Activation of the electroretinogram in the rabbit and its relation to the orienting reflex [with summary in English]. E.N.Sokolov. Zhur.vys.nerv.deiat. 12 no.1 145-154 Ja-F '62.
Cerebrovascular reflexes as a method for studying the functional state of the arterial and venous systems, preliminary report. G.V.Arkhangel'skii. Trudy Gos nauch.-issl.inst.psikh. 25 488-491 '61.
Clinical significance of a delayed reflex from the zone of the carotid sinus on cardiac activity [with summary in English]. P.P.Alekseev. Klin.med. no.9:71-75 '62.
Controversial problems in the theory of the unconditioned reflex activity of the cerebral cortex in man and in animals [with summary in English]. L.S.Levin. Zhur.vys.nerv.deiat. 12 no.1 14-53 Ja-F '62.
Diagnostic significance of Zakharin-Head and Villamovskii zones and of viscero-cutaneous-vasomotor reflexes in acute appendicitis [with summary in English]. Z.Z.Alimov. Klin.med. no.9:115-121 '62.
Dynamics of the electrical processes in the structures of the medulla oblongata and in the cortex during reflex reactions in dogs to irritations of varying intensity [with summary in English]. T.S.Naumova. Zhur.vys. nerv.deiat. 12 no.1,118-127 Ja-F '62.
Effect of unconditioned interoceptive metabolic reflexes from the stomach on the vitamin C content of the blood and the absorptive capacity of blood proteins in various functional states of the central nervous system. L.M. Mamedova. Izv.AN Azerb.SSR Ser.biol.i med.nauk no.6:89-95 '62.
Effector role of pancreas in interoceptive metabolic reflexes. B.G Kuznetsov, Izv.AN Azerb.SSR.Ser.biol i med.nauk no.6 97-100 '62.
Extensor reflex of the basal joints of the digits; apropos of P.S.Babkin's article, "Age-related dynamics of Klippel-Weil and Wartenberg's reflex in normal man." F.N Dosuzhkov. Zhur.nevr.i psikh. 62 no.8:1279 Ag '62.
Morphophysiological structure of the arc of an interoceptive metabolic reflex. A A Loginov. Izv AN Azerb. SSR Ser.biol.i med nauk no.4:107-119 '62
Programming device for the study of human reflex activity. V.V.Samanov and others. Zhur.vys.nerv.deiat. 12 no.1:181-183 Ja-F '62.
Reflex of purpose as an object of physiological analysis. P.K.Anokhin. Zhur.vys.nerv.deiat. 12 no.1 7-21 Ja-F '62.
Role of the reticular formation in conducting interoceptive impulses [with summary in English]. E.S.Tolmasskaia, L.M.Dykman. Zhur.vys.nerv.deiat. 12 no.1: 161-166 Ja-F '62.
Unconditioned vascular reactions in healthy children from plethysmographic data [with summary in English]. K.P. Ni Pediatriia no.7 9-11 '62.
REFORESTATION see subdivision under Kostroma Province; Maritime Territory; Transbaikalia
REFRACTOMETER
Automatic flow refractometer [with summary in English]. M.H.Androsiuk and others. Ukr.fiz.zhur. 7 no.11: 1231-1236 N '62.
REFRACTORIES INDUSTRY see subdivision under Uzbekistan
REFRACTORY CONCRETE
Domical vaults made of fireproof reinforced concrete for ferroalloy furnaces B A Apitshuler, M Sh. Bakal, N M Derbanov. Prom stroi 40 no 11 39-42 '62
Mechanization of labor consuming processes in the lining of boilers. G.V.Reznik. Energetik 10 no 10 28-30 O '62.
REFRACTORY MATERIALS
Analysis of the stability of linings of rotary kilns. N V. Il'ina Tsement 28 no.6,16-17 N-D '62.
Causes of the crumbling of titania-alumina slags. N.V Gul'ko Sbor.nauch.trud.UNIIO no.5:298-302 '61.
Data on the sub-solidus structure of the system CaO - MgO - FeO - Fe_2O_3 - Al_2O_3 - SiO_2. A.S Berezhnoi. Sbor.nauch.trud.UNIIO no.5:26-64 '61.
Die casting in the manufacture of products from paraffin suspensions of Al_2O_3 and ZrO_2 high refractory oxides. A.G.Karaulov. Sbor.nauch trud UNIIO no.5 269-289 '61.
Lining of low-capacity electric arc furnace. N A.Tulin, N.P Bastrikov. Metallurg 7 no.12:13-15 D '62.
Repair of basic open-hearth furnace hearth bottoms by fine-grained refractory powders. V.P Filatov and others. Metallurg 7 no 12 11-13 D '62.
Some statistical and other regularities for refractory materials. A.S.Berezhnoi. Sbor.nauch.trud.UNIIO no.5:5-25 '61.
Sub-solidus structure of the system CaO - MgO - Al_2O_3 - TiO_2 - SiO_2. A.S.Berezhnoi, N.V.Gul'ko. Sbor nauch.trud.UNIIO no.5:55-78 '61.
Technology, properties, and use of high-alumina lightweight refractories. V.D.TSigler, A.A.Eltysheva, B.E Pindrik. Sbor.nauch.trud.UNIIO no.5:113-136 '61.
Use of phosphate binders in refractories. F.V.Degtiareva. Sbor.nauch.trud.UNIIO no.5:290-298 '61.
REFRACTORY MATERIALS—ANALYSIS
Mineralogical composition of grog refractories following their service in a blast furnace. L.I.Kaplakin. Sbor. nauch.trud.UNIIO no.5:137-167 '61.
REFRACTORY MATERIALS—BIBLIOGRAPHY see Bibliography—Refractory materials
REFRACTORY MATERIALS—PRICES
Russia (1923- U.S.S.R.) Gosudarstvennyi komitet po delam stroitel'stva. [Collection No.25 of standardized regional unit rates for refractory bricklaying for industrial furnaces and stacks. Price-list average, regional estimate prices for refractory materials and products. Approved and put into effect as of January 1, 1962] Sbornik No.25 edinykh raionnykh edinichnykh rastsenok na ogneupornuiu kladku promyshlennykh pechei i trub. TSennik srednikh raionnykh smetnykh tsen na ogneupornye materialy i izdeliia. Utverzhden... i vveden v deistvie s 1 ianvaria 1962 g. Moskva, Metallurgizdat, 1962, 287 p.
REFRACTORY MATERIALS—TESTING
Physicochemical investigation of the ternary system Cr_2O_3 - ZrO_2 - SiO_2. V.F.Smachnaia. Izv.vys. uchebn.zav., chern met. 5 no.11:191-195 '62.
Testing of synthetic patching powders in the repair of open-hearth furnace bottoms. V.M.TSynkina and others. Sbor.nauch.trud.UNIIO no.5 202-209 '61.
REFRACTORY MATERIALS—THERMAL PROPERTIES
High temperature (up to 2,100°) determination in vacuum of the heat conductivity of refractory materials. V.V. Pustovalov. Sbor.nauch.trud.UNIIO no.5,324-335 '61.
REFRIGERATION AND REFRIGERATING MACHINERY
Calculation of heat transmission through the surface of a pipe partially filled with a coolant. V. Zhadan Mias ind SSSR 33 no 6 52-54 '62.
Komarov, N.S. [Manual for the refrigerating engineer] Spravochnik kholodil'shchika. 2 izd., perer.i dop. Moskva, Mashgiz, 1962. 416 p.
[Refrigeration engineering; an encyclopedic manual in three volumes] Kholodil'naia tekhnika; entsiklopedicheskii spravochnik v trekh knigakh. Glav. red. Sh. N. Kobulashvili i dr. [Leningrad] Gostorgizdat,
Vol.3. [Design and operation of refrigerators. Refrigeration in commerce and the household] Proektirovanie i ekspluatatsiia kholodil'nikov. Kholod v torgovle i bytu. 1962. 488 p.
Theory of the vortex refrigerator. I.A.Charnyi. Izv. AN SSSR.Otd.tekh.nauk.Mekh.i mashinostr. no.6: 148-153 N-D '62.
Thermodynamic analysis of losses in a steam-ejection refrigeration system. V.M.Brodianskii, A.V.Martynov. Izv.vys.uchebn.zav.;eneerg. 5 no.11:74-83 N '62.
REFRIGERATION AND REFRIGERATING MACHINERY—ABSTRACTS
[Compressors and refrigeration engineering] Ref. zhur Otd.vyp.34: Komp.i khol.tekh. no.24 D '62.
REFRIGERATOR CARS
Use of refrigerator cars for packaged transportation of perishable goods in containers V P Golitsyn Trudy RIIZHT no 30 206-219 '61
REFRIGERATORS
Designing refrigerators made of paired pipes IU M Dudchenko Sbor trud Lab gidr mash AN URSR no 10 153 156 '62
REFRIGERATORS—MAINTENANCE AND REPAIR
Krugliak, I.N., and G.D Sviderskii. [Repair of household refrigerators] Remont domashnikh kholodil'nikov Izd 2., perer. i dop. Moskva, Gosmestpromizdat, 1961. 279 p
REFUGEES, LATVIAN—POLITICAL ACTIVITIES
Avotins, E., J.Drikalis, and V.Petersons. [Who are Daugavas Vanagi (Hawks of Daugava)] Kas ir Daugavas vanagi. Riga, Latvijas Valsts Izdevnieciba, 1963. 126 p. [In Latvian]
REFUGEES, RUSSIAN—POLITICAL ACTIVITIES
Soiuz Borby Za Osvobozhdenie Narodov Rossii, Munich. [Union of the Struggle for the Liberation of the Peoples of Russia (SBONR), 1947-1962] Soiuz Borby Za Osvobozhdenie Narodov Rossii SBONR, 1947-1962. Munich, 1962. 128 p.
REFUSE AND REFUSE REMOVAL
Advanced practices in garbage removal. L.D.Keelin. Gor.khoz.Mosk. 36 no.10 39 O '62.
Garbage collection. S.I.Baturkin. Gor.khoz.Mosk. 36 no.10:28-29 O '62.
REFUSE DESTRUCTORS
Furnace for the cremation of pathological materials. B.I.Drapiliuk. Vinyk stil'hosp.nauky 5 no.10 122-123 O '62.
REGAR—INTESTINES—DISEASES
Role of the water factor in transmitting infection in the epidemiology of acute intestinal diseases. A P. Korovkin Zdrav Tadzh 9 no 5 19-21 '62
REGENERATION (BIOLOGY)
Plasmal reaction in the myelinization of regenerating axons. V.N Glagolev. Dokl.AN SSSR 147 no.3,721-723 N '62.
Regenerative hypertrophy of the pancreas in guinea pigs [with summary in English]. G.V.Segida. Biul. eksp.biol.i med. 54 no.11:88-91 N '62.
REGIONAL PLANNING
(see also subdivision under Moscow region)
Akademiia stroitel'stva i arkhitektury SSSR. Institut gradostroitel'stva i raionnoi planirovki. [Regional planning and city planning abroad] Opyt raionnoi planirovki i gradostroitel'stva za rubezhom; sbornik. Moskva, Gosstroiizdat, 1962. 150 p.
New books. Plan.stroi. no.12:37 D '62.
Very important questions of planning agricultural districts. S.Kolker. Sel'.stroi. no.11:23-24 N '62.
REGISTERS OF BIRTHS, ETC.
Civil registry offices and the new way of life. P Belogorskaia. Sov.deput.trud. no.11:65-68 N '62.
REHABILITATION OF CRIMINALS
Are we doing everything possible in the rehabilitation of criminals? V.Lashko. Sov.iust. no.22,14-15 N '62.
REINDEER see subdivision under Mongolia
REINFORCED CONCRETE
Chamberless finishing of reinforced concrete K Zaiarskii Na stroi Ros 3 no 8 30 Ag '62.
Flame boring of reinforced concrete. P.Filipenko, M.Mekler. Stroi.i arkhit. 10 no.11:25-27 N '62
Improving the quality of the welding of joints of reinforced concrete elements A Brodskii, IU.Ito Jin Na stroi Ros 3 no 8 34-36 Ag '62
REINFORCED CONCRETE CONSTRUCTION
Give reinforced concrete free play in rural construction Sil'.bud 12 no 11:1-2 N '62.
Koimakh, L.I., and V.A.Volyntsev. [Construction of high reinforced-concrete structures] Stroitel'stvo vysotnykh zhelezobetonnykh sooruzhenii. Moskva, Gosstroiizdat, 1962. 278 p.
REITER'S DISEASE
Case of Reiter's syndrome complicated by a kidney lesion. E.A.Kudinov. Klin.med. 40 no.10,124-129 O '62.
Treatment of Reiter's syndrome. IU.I. Fishzon-Ryes, V.K.Kaigin. Urologiia no.5:60-61 '62.
RELATIVITY (PHYSICS)
Behavior of spherically symmetrical mass distributions in the general theory of relativity. Part 2. I.D. Novikov. Vest.Mosk.un.Ser.3: Fiz.,astron. 17 no.5:68-72 N-D '62.
Next to the light. IU.Sokolovskii Znan.-sila 37 no.9:8-11 S '62.
On the relative energy of a static centrally symmetrical gravitational field. IU.A.Rylov. Vest.Mosk.un.Ser.3: Fiz.,astron. 17 no.6:45-55 N-D '62.

RELAXIL

Experimental and clinical studies of relaxil-G. I. Harkányi. Vest AMN SSSR 17 no. 8 44-50 '62

RELIGION

Contemporary religions and their reactionary role. O. Onyshchenko. Volov. ateist 3 no 12:75-77 D '62.

Don't cripple children's souls. M. Vasil'ev. Doshk. vosp. 35 no. 12.8-14 D '62.

Origin and essence of religion. L. Petrova. Doshk vosp. 35 no. 12:5-8 D '62.

The origin of religion. Nauka i rel. 4 no. 12:67-74 D '62.

Religion and the moral code of the builders of communism. A. Kuramov. Bibliotekar' no 12 29-33 D '62.

A servant of the moneybag. Volov. ateist no 9 60-61 S '62.

A servant of the moneybag. Volov. ateist 3 no 12:57 D '62.

Studies of the causes of the vitality of the surviving traces of religion. V. A. Chelnok. Vest AN Kazakh SSR 18 no 11:55-61 N '62

RELIGION—CONTROVERSIAL LITERATURE

The origin of religion. O. Bilous. Volov. ateist no. 11 48-49 N '62.

Reasons of the tenacity of religious beliefs. M. Pashkh. Volov. ateist no. 11.34-38 N '62.

The roots of religious beliefs. Mykh. Khomenko. Volov. ateist no 8 21-23 Ag '62

Two concepts of social life. O. Bilous. Volov. ateist no. 8:38-41 Ag '62

Why I have renounced my priesthood. O. Bodrevych-Buts'. Volov. ateist no. 8:13-15 Ag '62

RELIGION AND ART see Art and religion

RELIGION AND ASTRONAUTICS

Man and outer space. V. TSesevych. Volov. ateist no 8,1-7 Ag '62.

Outer space and God. G. Naan. Volov ateist no. 7:9-11 Jl '62

RELIGION AND LITERATURE

The great Pushkin belongs to us. IU. Skrypnychenko. Volov ateist no 6:17-18 Je '62.

RELIGION AND SCIENCE

Believe in science, not in the legends about God. A. Kolobkova, A. Borovkova, N. Markova Bibliotekar' no. 12:34-35 D '62.

"Devotees and martyrs of science" by V. V. Lunkevych. Reviewed by D. Krasnov. Volov ateist no 9:63-64 S '62.

Figurovskii, N. A. [Chemistry shows the fallacy of religion] Khimiia oblichaet. Moskva, Izd-vo "Sovetskaia Rossiia," 1962. 52 p.

"Talks on religion and knowledge; a popular textbook." Reviewed by K. Belinev. Nauka i rel. 4 no 12:86-88 D '62.

The Vatican and its attitude toward science. N. Shcherbyn Volov. ateist no 8:9-12 Ag '62.

Visit to the gods. V Mezentsev. Znan -sila 37 no 9 2-3 S '62.

RELIGION AND SOCIOLOGY

Bankruptcy of religious social philosophy A. Avetisian. Volov. ateist no 8:58-62 Ag '62

RELIGION AND STATE

The court is in session. F. Lisovskyi. Volov. ateist no. 8:20 Ag '62.

Criminal responsibility for offenses against life, health, and rights of Soviet citizens committed under the pretense of the observance of religious rites. P. Dagel'. Sov. just. no. 22.23-24 N '62.

RELIGIOUS EDUCATION see subdivision under Dnepropetrovsk Province

REMIZOV, ALEKSEI MIKHAILOVICH, 1877-1957

Il'in, I. A. [The dark and the light, a book of literary criticism: Bunin, Remizov, and Shmelev] O t'me i prosvetlenii; kniga khudozhestvennoi kritiki: Bunin, Remizov, Shmelev. Munich [Tip. Obitoli prep. Iova Pochaevskago], 1959. 196 p. (IEN)

REMOTE CONTROL

Analyzing the accuracy of weighing on lever-type hopper scales. S. N. Kozhevnikov and others. Trudy Inst. chern. met. AN URSR 16:15-25 '62.

Automatic control of projection welding. L. A. Dudar', A. M. Makarov, I. S. Grishin. Svar. proizv. no. 11: 31-32 N '62.

Central control of production at a housing construction combine. L. S. Aizenberg, I. M. Sukhartov. Mekh. stroi. 18 no. 12:1-3 D '62.

Device for remote control of anemometers. A. A. Stepanian, E. I. Khainovskii Les. khoz 15 no 7: 57-58 Jl '62.

Eliminate the defects which hinder the introduction of remote control. V. P. Luppov. Transp stroi. 12 no. 11:53-54 N '62.

Interdependence of the complexity of signals and apparatus of remote control systems [with summary in English]. N. A. Filippov. Avtom. i telem. 23 no. 12:1660-1665 D '62.

Losev, D. P., G. L. Polisan, and IU. P. Filimonov. [Elements and networks of contactless remote control devices] Elementy i uzly beskontaktnykh telemekhanicheskikh ustroistv. Leningrad, Sudpromgiz, 1962. 240 p.

Overall automation and remote control of 35 to 110 kv. traction network substations. N. S. Shabalin. Elektrichestvo no. 10 30-33 O '62.

Remote control of main engines with 12,000 hp (from "Motorship") T Renskaia Mor flot 22 no 9 13-14 S '62

RENAISSANCE

Giovanni Morelli, a study of the social roots of the Italian Renaissance [with summary in English, p 210] L. M. Batkin Vop ist no. 12 88-106 D '62

RENAL VEIN—DISEASES

Significance of disordered venous drainage of the kidney in the development of acute pyelonephritis, an experimental study [with summary in English] V. S. Iliukhinskii. Urologiia no. 5:16-22 '62.

RENT (ECONOMIC THEORY)

Tokarev, A. P. [Theoretical problems of ground rent under capitalism and socialism] Teoreticheskie voprosy zemel'noi renty pri kapitalizme i pri sotsializme. Moskva, Izd-vo VPSh i AON pri TsK KPSS, 1962. 87 p

REPATRIATION

(see also subdivision under White Russia)

In what respect I still remain a foreigner. Olga Volkonskaia. Kul't. i zhizn' 6 no. 10 38-41 '62.

REPIN, IL'IA EFIMOVICH, 1844-1930

Repin, I. E. [Il'ia Efimovich Repin; al'bom reproduktsii. [Leningrad?] Gos. izd-vo izobraz. iskus., 1961 13 p. 24 col. plates. (C)

REPIN, IL'IA EFIMOVICH, 1844-1930—MUSEUMS, RELICS, ETC.

Repino, Muzei-usad'ba I. E. Repina "Penaty." [I. E. Repin's country house-museum "Penates"] Muzei-usad'ba I. E. Repina "Penaty," Moskva, Izd-vo Akad. khudozh. SSSR, 1962 15 p.

REPTILES, FOSSIL

New reconstruction of the wing of Scaphognathus crassirostris Goldfuss. V. A. Terinev. Biul. MOIP. Otd. geol. 37 no. 5:140-155 S-O '62.

RESEARCH

(see also subdivision under Poland, Uzbekistan)

Concluding remarks by L. F. Il'ichev. Vest. AN SSSR 32 no. 12:51-56 D '62.

Discussion of L. F. Il'ichev's report. A. A. Arzumanian and others. Vest. AN SSSR 32 no. 12:49-50 D '62.

Electronic automation of research work. M. S Neiman. Trudy MAI no. 149:175-187 '62.

Important problems of the organization of science. M. A. Lavrent'ev. Vest. AN SSSR 32 no. 12:15-18 D '62.

Moscow. Vystavka dostizhenii narodnogo khoziaistva SSSR. [Science on the march] Nauka na marshe; putevoditel'-ocherk. [By] O. Pisarzhevskii. Moskva, Gostoptekhizdat, 1962. 40 p.

Recent advances in science and technology. M. V. Keldysh. Vest. AN SSSR 32 no. 12:9-14 D '62.

The strength of Soviet science is in the unity and interaction of its fields. E. M. Chekharin. Vest. Mosk. un. Ser. 6: Ekon., filos. 17 no. 6:3-16 N-D '62.

The 22d Congress of the CPSU and tasks facing Soviet physics, mathematics, and astronomy. L. A. Artsimovich. Usp. mat nauk 17 no. 2 3-11 Mr-Ap '62.

RESEARCH—CONGRESSES

International Conference of Representatives of Science and Institutes of Higher Education. A. I. Oparin. Vest. AN SSSR 32 no. 12.68-70 D '62.

RESERPINE

Dynamics of the arterial pressure in hypertonic psychoses during the process of reserpine treatment. I. S. Romanova. Trudy Gos. nauch.-issl. inst. psikh. 25: 465-477 '61.

Effect of reserpine on phagocytosis. V. V. Kvirikadze, R. D. Kogan. Trudy Gos. nauch.-issl. inst. psikh. 25 737-744 '61.

Role of supporting therapy using reserpine in preventing relapses in hypertonic psychoses. I. S. Romanova. Trudy Gos. nauch.-issl. inst. psikh. 25:402-408 '61.

RESERVOIR SEDIMENTATION see subdivision under Fergana; Kayrakum Reservoir

RESERVOIRS

Shaitan, V. S. [Design for strengthening the earth slopes of reservoirs] Proektirovanie kreplenii zemlianykh otkosov na vodokhranilishchakh. Moskva, Gosstroizdat, 1962. 214 p.

RESERVOIRS—CONGRESSES

Conference in Stavropol-on-Volga on reservoir study. S. L. Vendrov, L. K. Malik Izv. AN SSSR. Ser. geog. no. 6:134-136 N-D '62.

RESHETILOVKA (POLTAVA PROVINCE)—ART INDUSTRIES

The Klara Tsetkin Artel in Reshetilovka, Poltava Province L. M Sukha Pratsi UDMLKHP no. 6-8-17 '61

RESINS, SYNTHETIC

Benenson, N. M., and others. [Use of P-68 resin in the manufacture of radio apparatus] Opyt primeneniia smoly P-68 v izdeliiakh radiotekhnicheskoi apparatury. Leningrad, 1962. 10 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia Sinteticheskie materialy, no. 5)

Use of polystyrol resins in the mixture formula for protective rubbers Z. N Korbanova, A. D. Siukin, O. G. Shestakova Kauch i rez 24 no 11 51-52 N '62.

RESPIRATION

Change in the respiratory component of a motor defense conditioned reaction in various functional states of the respiratory center [with summary in English]. I. I Tokarenko. Zhur. vys. nerv. deiat. 12 no. 1 128-134 Ja-F '62.

Changes in external respiration during the first hours following pulmonary surgery [with summary in English]. IU. S. Krokhalev. Vest. khir. 89 no. 9 32-35 S '62.

Conditioned reflex respiratory changes in relation to sleep inhibition [with summary in English]. D. A. Biriukov, T. P. Shlisfer, M. I. Iakovleva. Zhur. vys. nerv. deiat. 12 no. 1 22-29 Ja-F '62.

Data on the functional organization of the respiratory center. M. E. Marshak. Vest. AMN SSSR 17 no 8, 16-22 '62.

Excitation mechanism of the respiratory center in lung lesions [with summary in English]. Z. N. Sergeeva, T. I. Golunova, S. I Frankshtein. Biul. eksp. biol. i med. 54 no. 11 30-33 N '62.

External respiration in sclerodermic pneumosclerosis [with summary in English]. V. A. Nasonova, N. G. Guseva, L. G. Polianskaia. Terap. arkh no. 8 86-91 '62.

Functional interrelation between the respiratory muscles and those performing dynamic work [with summary in English]. A. M. Kulik. Biul. eksp. biol. i med. 54 no 11:17-21 N '62

RESPIRATORS

Case of prolonged controlled respiration using the DP-2 apparatus. O. B. Meslov, L. N. Borisotova. Klin. med. no. 9:138-140 '62.

RESPIRATORY ORGANS—DISEASES

Prevention of recurrences of suppurative and chronic diseases of the respiratory organs. V. V. Dubilei Terap. arkh. no. 8:91-96 '62

REST PERIODS

Effect of active relaxation during the working hours on the health of intellectual workers [with summary in English]. M. M. Potapova. Vest LGU 17 no 21:106-112 '62.

RESTAURANTS, LUNCHROOMS, ETC. see subdivision under Svecha (Kirov Province)

RETAIL TRADE

(see also subdivision under Irshava District, Lugansk Province, Minsk)

[Trade abroad; organization, new methods, and equipment of trade and public food service] Torg za rub.; org., nov. metody, tekh torg. i mass. pit. no. 12 '62; no. 1 '63.

RETAIL TRADE—ACCOUNTING

Ponomarev, B. V. [Reports of persons responsible for goods in retail enterprises] Otchetnost' material'no otveistvennykh lits roznichnykh torgovykh predpriiatii Moskva, Gostorgizdat, 1962. 71 p.

RETAIL TRADE—FINANCE see subdivision under Moscow

RETAIL TRADE—INVENTORIES

How to calculate inventory norms. N. Belik. Sov. potreb. koop. 6 no. 9:50-53 S '62.

RETAINING WALLS

Calculations for thin walls taking into account the redistribution of active soil pressure along the height of the wall. IU. M. Goncharov Osn., fund. i mekh grun. 4 no. 5.24-26 '62

Efficient design of a retaining wall. N. N. Gionti. Trudy GPI [Gruz.] no. 5-13-20 '61.

RETINA—BLOOD SUPPLY

Case of recovery from an embolism of the central artery of the retina through the use of heparin. A. N. Kokosov, Z. F. Poletaeva. Klin. med. 40 no. 10 129-130 O '62.

RETTING

Effect of the water balance on the microflora and technological indices in warm-water retting of flax straw [with summary in English]. E. I. Dudarev, Z. S. Markova. Trudy VNIIL no. 5.237-248 '58.

REVOLUTIONS

Problems of the history of the Great October Socialist Revolution in the program of the Communist Party of the Soviet Union [with summary in English, p.219]. I I. Mints. Vop ist. no.11 9-20 N '62

RHENIUM—ANALYSIS

Chromatographic separation of rhenium from molybdenum and tungsten by means of mixed eluents on the FDE-10 anion exchanger [with summary in English] D I Ryabchikov, L V Borisova, IU B Gerlit Zhur anal khim 17 no 7 890-892 O '62

RHENIUM COMPOUNDS

Pressure and composition of rhenium monoxytetrachloride vapor. N V Baryshnikov, A N Zelikmen, M V Tesitskaia Zhur neorg khim 7 no 11 2634-2635 N '62

RHEUMATIC FEVER

Akademiia meditsinskikh nauk, SSSR, Moscow. Institut pediatrii. [Problems of rheumatism and nonspecific infectious polyarthritis in children] Voprosy revmatizma i nespetsificheskogo infektsionnogo poliartrita u detei, trudy Pod red O D Sokolovoi-Ponomarevoi. Moskva, 1962. 307 p

Bicillin prophylaxis of rheumatism. IU.N Gordon. Klin med. 40 no.10 108-112 O '62.

Neural regulation of the bromine level in the blood at various stages of the rheumatic process in children [with summary in English]. A. A. Volkova. Zhur.vys. nerv.deiat 12 no 1 71-81 Ja-F '62.

Spread of rheumatic fever among children of school age. A F D'iachenko Zdrav Kazakh 22 no 3 42-44 '62

RHEUMATIC FEVER—MICROBIOLOGY

Study of filtrable viruses isolated from rheumatic patients. G D Zalesskii and others Vest.AMN SSSR 17 no 9 85-93 '62.

RHEUMATISM

Doomed enemy. V.Korotych. Znan.ta pratsia no.8 20-21 Ag '62.

RHIZOCTONIA

Spore production by basidia in Rhizoctonia. U. U. Rasulev. Zashch. rast ot vred i bol 6 no 8 56 Ag '61.

RHIZOSPHERE MICROBIOLOGY

Effect of some actinomycetes on wheat rhizosphere bacteria Report No 1 [with summary in English] K I Andriiuk, O V Vladymyrova Mikrobiol zhur 24 no 2 22-29 '62

Synthesis of vitamins by some rhizosphere micro-organisms and the effect on it of trace elements Report No 1 [with summary in English] O I Berishova, I A Kozlova Mikrobiol zhur 24 no 2 30-34 '62

RHODAMINES

Association of rhodamine 6G molecules in mixtures of chloroform and carbon tetrachloride. L V Levshin, T.D.Slavnova, Vest Mosk.un Ser 3: Fiz., astron. 17 no.6:24-27 N-D '62.

RHODAMINES—SPECTRA

Study of the association of the rhodamines 3B and 6G in aqueous solutions. E.G.Baranova. Opt.i spektr. 13 no.5:683-689 N '62.

RHODANINE

Extraction of hydrorhodanic acid with acetophenone I.V.Vinerov, A I Orlova, N.F Kiselitsa Ukr khim. zhur 28 no 7 789-790 '62

RHODESIA—ANTIQUITIES

Monomotapa, the ancient African civilization in the interfluve of the Zambezi and Limpopo rivers L. A. Fadeev. Trudy inst etn. 72 3-88 '62.

RHODESIA, SOUTHERN—POLITICS AND GOVERNMENT

Arbitrary rule of the racists in Rhodesia. V.Sidenko. Az.i Afr.seg. no.11:51-52 N '62.

The storm over Rhodesia. A.Chernetskii. Az.i Afr. seg. no.12:16-18 D '62.

There is a storm raging in Central Africa. Jack Weddis. Vsem.prof.dvizh. no.11 30-34 N '62.

RHODESIA, SOUTHERN—TRADE UNIONS

There is a storm raging in Central Africa. Jack Weddis. Vsem.prof.dvizh. no.11 30-34 N '62.

RHODIUM

Electrochemical solution of powdered rhodium in hydrochloric acid. V.V.Krokhv, A.I.Volf'son, N.R.Zakharova. Zhur.prikl.khim. 35 no.11 2566-2567 N '62.

RHODIUM—ANALYSIS

Polarographic determination of rhodium as a complexon [with summary in English]. N.A.Ezerskaia, V N. Filimonova. Zhur.anal.khim. 17 no.8:972-978 N '62.

RHODIUM COMPOUNDS

Complex chloroammoniumpyridine rhodium compounds of the tetramine series [$Rh(NH_3)_3C_5H_5NCl_2$]X. N.A. Vargunin. Izv.vys.uch.zav.; khim.i khim.tekh. 5 no.4:539-543 '62.

RHODOPE MOUNTAIN REGION—SOCIAL CONDITIONS

A transformed territory. Venko Kraitchev. Vsem. prof.dvizh. no.11;38-40 N '62.

RHUBARB

Systematics of cultivated rhubarb [with summary in English] K.V Ivanova Trudy po prikl bot., gen i sel 34 no 2 12-13 '61.

RICE see subdivision under Ukraine

RIGA—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

[The art of party propaganda; work practices of party organizations in the city of Riga] Iskusstvo partiinoi propagandy, iz opyta raboty partiinykh organizatsii gor. Rigi. [Red I Pioike] Riga, Latviiskoe gos izd-vo, 1961 121 p

(MH)

RIGA—FURNITURE INDUSTRY—HYGIENIC ASPECTS

Sanitary and hygienic conditions in furniture workshops of Riga which use urea-formaldehyde glues [in Latvian with summary in Russian]. N. Brodele Izv. AN Latv.SSR no.1:135-138 '61.

RIGA—SOVIETS

Former deputies continue their work in this district soviet V.Vorob'ev, Sov.deput.trud no.12:72-75 D '62.

RIGA—THEATER

Good sign. V.Liubimova, Teatr 23 no.11:79-84 N '62.

RIGA REGION—LAND TENURE

Liepina, Dzidra. [Agrarian relations in the rural region around Riga in the period of late feudalism, the 17th and 18th centuries] Agrais attiecibas Rigas lauku novada vela feodalisma posma, 17-18 gs. Riga, Latvijas PSR Zinatnu akademijas izdevnieciba, 1962. 173 p. [In Latvian]

RIGHT OF PROPERTY

"How Soviet civil law protects the property rights of collective farms" by G F Dobrovol'skii Reviewed by M Kozyr' Sov.iust no 10:23-24 My '62

How we protect the property rights of socialist organizations and private persons. E. Vorozheikin. Sov. iust. no.22:19-21 N '62.

Joint property rights to residential buildings. L. Khatkevich, L. Dulneva. Sov.iust. no.6:13-15 Ap '62

RING FORMATION see Cyclization

RINGS (ALGEBRA)

On subclass of analytic functions in a circular ring. M. F. Kotsur. Izv.vys.ucheb.zav mat. no.6:51-61 '62.

RIO DE JANEIRO—PIANO—COMPETITIONS

Competitions in Rio de Janeiro. IAkov Zak. Sov.muz. 26 no.11 92-95 N '62.

RITES AND CEREMONIES

(see also subdivision under Khmel'nitskiy Province, Novograd-Volynskiy District)

New customs and rites O. Havryliuk. Volov.ateist. no.8 24-28 Ag '62

RIVERS

(see also subdivision under Caucasus, Ghana, Komi A.S.S.R.; Ukraine)

New development in the theory of the longitudinal profile of rivers. N.I.Makkaveev. Izv.AN SSSR.Ser.geog. no.6:118-121 N-D '62.

Use of the hydraulic index of a river bed in the extrapolation of discharge curves. V.N.Pavlov. Meteor.i gidrol. no.11 45-47 N '62.

RIVERS—STREAM MEASUREMENTS

Calculating the flow of spring floods of mountain rivers in the Yenisey basin on the basis of standard generalized hydrographs for lumber floating purposes. A.E. Cherkasov, A.V.Lebedev. Izv.vys.ucheb.zav., les. zhur. 4 no.5,65-68 '61.

RIVETS AND RIVETING

Electric rivet welding under flux by PSH-54 semiautomatic machine. V.I.Leppel. Svar.proizv. no.5:36-37 My '62.

Rivet welding in carbon dioxide. D.I.Vainboim. Svar. proizv. no.9:28-28 S '62

ROAD CONSTRUCTION

(see also subdivision under Crimea; Hungary, Pechenga)

Contribution of road construction workers to the national economy Avt dor 25 no 11 1-3 N '62.

Kovalenko, I.F. [Construction of asphalt concrete and cement concrete roads] Stroitel'stvo asfal'tobetonnykh i tsementnobetonnykh dorog. Alma-Ata, Kazakhskoe gos. izd-vo, 1962. 118 p.

Reciprocal checking of road construction L. Ozerov. Avt. dor. 25 no 11;29 N '62.

Struggling for a high title. D. Mysiutin. Avt dor. 25 no 11-4 N '62

ROAD CONSTRUCTION—TECHNOLOGICAL INNOVATIONS

Innovators facilitate the work of road construction workers I' Zavadskii Avt dor 25 no.11 24-25 N '62

ROAD MACHINERY

Discussion about new sets of concrete-laying machines V V Prusov. Avt dor 25 no 11 31 N '62

Increasing the reliability and durability of construction and road machinery D A. Lozovoi, N. I. Zhikharev Mekh stroi 19 no 12-15-16 D '62

ROAD MACHINERY—ABSTRACTS

[Manufacture of construction equipment and road machinery Mining machinery] Ref. zhur. Otd vyp. 43 Stroi.i dor, mashinosti. Gor. mash. no.24 D '62.

ROAD MACHINERY—MAINTENANCE AND REPAIR

Maintenance and repair of road machinery. A F. Reshetnikov Avt dor 25 no 11 17,22 N '62

ROAD MACHINERY—SAFETY MEASURES

Ganlushin, A. I. [Handbook on accident prevention for the operator of self-propelled asphalt spreaders] Pamiatka po tekhnike bezopasnosti dlia mashinistsa avtogudronatorov. Moskva, Gosstroiizdat, 1962. 16 p. (Tekhnika bezopasnosti v stroitel'stve)

ROAD MATERIALS

Acoustic method for preparing emulsions S M Bogdasarov and others Avt dor 25 no 11 12-13 N '62

Road emulsions under arctic-region conditions A P. Arkhipova, G S Igumkina, V. A. Sergienko Avt dor. 25 no 11 10-12 N '62.

Using surface-active substances in treating local mineral materials with liquid bitumens A V Poletaev, E G. Abrutskaia Avt dor 25 no 11 9-10 N '62

ROAD RESEARCH see Highway research

ROADS see subdivision under Moscow

ROADS—BUILDINGS AND STRUCTURES see subdivision under Afghanistan, Moscow

ROADS—DESIGN

Dubrovin, E.N. [Designing the longitudinal section of city streets and roads] Proektirovanie prodol'nogo profilia gorodskikh ulits i dorog, lektsiia dlia studentov spetsial'nosti "Gorodskoe stroitel'stvo i khoziaistvo." Moskva, Vses. zaochnyi inzhenerno-stroit. in-t, 1962. 17 p.

[MICROFILM]

Problems of road design at the conference of road construction workers of socialist countries A K. Birulin. Avt dor. 25 no.11-32 and 3 of cover N '62

ROADS—FROST DAMAGE

Frost heave on bridge approaches and its prevention G F. Novozhilov Transp. stroi 12 no 10 50-51 O '62

ROADS, BITUMINOUS CONCRETE

Siun'i, G. K. [Asphalt concrete for roads] Dorozhnyi asfal'tovyi beton. Kiev, Gosstroiizdat, 1962 243 p

ROADSIDE IMPROVEMENT

(see also subdivision under Ukraine)

Design of snow-protection forest belts. E. Gustov. Avt dor. 25 no.11 23 N '62.

Placing and planting snow protection hedges along highways G Bialobzheskii, G Matinkin Avt dor 25 no 11,22-24 N '62

ROCK DRILLS

Device for fastening pneumatic supports to the air drill. Zh. P. Varekha. Shakht. stroi. 6 no, 11;24 N '62.

Double-cascade air-operated flame drill for rock drilling without the use of oxygen. I. P. Goldaev and others. Shakht. stroi. 6 no.11;4-6 N '62.

ROCK DRILLS—HYDRAULIC EQUIPMENT

Use of hydraulic strikers for drilling vertical boreholes. A. V. Kichigin, A. N. Keifman, V. S. Popov. Shakht. stroi. 6 no. 11;21-23 N '62.

ROCK PRESSURE

Occurrence of rock pressure in a vertical mine shaft. L. V. Ershov. Izv. AN SSSR. Otd. tekh. nauk. Mekh. i mashinostr. no.6;103-107 N-D '62.

Popov, V. L. [Rock pressure and mine timbering] Gornoe davlenie i rudnichnaia krep'. Moskva, Gosgortekhizdat, 1962. 288 p.

ROCKETRY—ABSTRACTS

[Rocket engineering and space flight equipment] Ref. zhur. Otd. vyp. 41: Raket. tekh. i kosm. pol. no.24 D '62.

ROCKETS (AERONAUTICS)

Alemasov, V. E. [Theory of rocket engines] Teoriia raketnykh dvigatelei. Moskva, Oborongiz, 1962. 476 p.

He brought the stars closer. L. Abramov. Znan.-sila 37 no.9:16 S '62.

ROCKETS (AERONAUTICS) (Continued)
[Problems of rocket engineering, translations and surveys of foreign periodical literature] Vop. raket tekh.; sbor. perev i obz inostr. period lit. 12 no. 12 '62.
Raikov, L. G. [Heating of air craft in flight] Nagrev letatel'nykh apparatov v polete. Moskva, Voenizdat, 1962. 97 p. (Za voenno-tekhnicheskie znanila)
This is how it started.... I. Merkulov. Znan. -sila 37 no. 9:4-6 S '62.

ROCKS see subdivision under Donets Basin, Tatar A.S.S.R.

ROCKS—MAGNETIC PROPERTIES
Measuring magnetic properties of rocks on an astatic magnetometer. I.A. Zotkevich, D.F. Umantsev. Trudy SNIIGGIMS no. 10 74-77 '60.
Study of magnetic susceptibility in connection with the correlation of rocks based on their age and some other problems of geological interpretation N A. Tuezova. Trudy SNIIGGIMS no. 10:63-69 '60.

ROCKS—TESTING
Baron, L. B., and L. B. Glatman, comps. [Methodology of determining the coefficient of friction of rocks] Metodika opredeleniia koeffitsientov trenila gornykh porod. Moskva, In-t gornogo dela im. A. A. Skochinskogo, 1961. 10 p.
[MICROFILM]
Present status and problems of studying physical properties of rocks under conditions of high pressure and temperature. V. V. Zhdanov, I. E. Rozanov. Izv. AN SSSR. Ser. geol. 27 no. 11:75-83 N '62.
Some results of the improvement of the apparatus used in studying the physical properties of rocks. A. I. Kitaigi, E. I. Petrov. Izv. Kazan. fil. AN SSSR, Ser. geol nauk no. 8:73-82 '60.

ROCKS—TRANSPORTATION
Investigations of the parameters of the unit for pneumatic transportation of rock. M. I. Mingkov. Transp. stroi. 12 no. 10:48-50 O '62

ROCKS, CARBONATE
(see also subdivision under Anabar Shield, Bashkiria; Caucasus, Northern; Chonkoy region, Uzbekistan; Daghestan; Irkutsk Province; Siberian Platform)
The effect of carbonate inclusions in the raw material on the quality of agloporite. B. N. Vinogradov. Sbor. trud. VNIINSM no. 6:18-24 '62
Reservoir properties of carbonate rocks. F. M. Smekhov. Trudy VNIGRI no. 193:5-21 '62.

ROCKS, CRYSTALLINE AND METAMORPHIC see subdivision under Kamchatka

ROCKS, IGNEOUS
(see also subdivision under Altai Mountains; Amur Valley; Azerbaijan; Georgia; Samur Valley; Sayan Mountains; Transbaikalia; Ural Mountains)
Conditions governing the formation of the main types of igneous formations of mobile zones [with summary in English]. Geol. i geofiz. no. 10:104-113 '62.

ROCKS, IGNEOUS—MAGNETIC PROPERTIES see subdivision under Ural Mountain region

ROCKS, IGNEOUS—SPECTRA see subdivision under Akhty-Chay Valley

ROCKS, SEDIMENTARY
(see also subdivision under Daghestan; Krivoy Rog Basin; Moscow region; Tatar A.S.S.R.)
Vsesoiuznoe soveshchanie po voprosam mineralogii i petrografii osadochnykh porod. 3d, Baku, 1960. [Transactions of the Third All-Union Conference on the Lithology and Mineralogy of Sedimentary Rocks]. Trudy. Baku, Izd-vo Akad. nauk Azerbaidzhanskoi SSR, 1962. 205 p.

ROCKS, SEDIMENTARY—ANALYSIS see subdivision under Daghestan

RODENT CONTROL see subdivision under Idzhevan District

RODENTIA
Individual, age and geographical variability of auditory ossicles in rodents, as exemplified by closely related species of the genera Apodemus and Citellus [with summary in English]. N. I. Larina. Zool. zhur. 41 no. 10:1530-1547 O '62.

RODENTICIDES
Rodent control in storage and livestock buildings. S. A. Rosliavtseva. Zashch. rast. ot vred. i bol. 7 no. 6 30 Ag '62.

RODENTS AS CARRIERS OF DISEASE
"Natural foci of tularemia in the U.S.S.R," by A. A. Maksimov. Reviewed by N. G. Olsufiev, V. V. Kucheruk. Zool. zhur. 41 no. 10:1590-1593 O '62.

ROLLAND, ROMAIN, 1866-1944
Correspondence between D. Gachev and Romain Rolland. M. S. Bruk. Sov. muz. 26 no. 11:49-54 N '62.

ROLLING (METALWORK)
Dependence of the strain resistance of precision alloy E76NM on various factors of cold rolling I. M. Pavlov, B. N. Zhuchin. Izv. vys. ucheb. zav.; mashinostr. no. 8 178-186 '62.
Investigating the process of wire rod cooling following rolling on a continuous mill. V. I. Gubinskii, A. N. Minaev, N. Iu. Taits. Izv. vys. ucheb. zav.; chern. met. 5 no. 11:128-132 '62.
Shaping H-beams on a 500 mill. I. I. Kuchko, I. A. Sharapov. Metallurg 7 no. 12 20-23 D '62.
Teeming and rolling as a single process. A. Charnyi. Izobr. i rats. no. 11:3-5 N '62.
Toveretes, E. S. [Heat treatment of rolled products and forgings] Termicheskaia obrabotka prokata i pokovok. Kiev, Gostekhizdat USSR, 1962. 155 p.

ROLLING (METALWORK)—SPEED
Measuring small variations of speed by frequency comparison. S. D. Grinberg. Trudy Inst. chern. met. AN URSR 16:120-147 '62.

ROLLING MILLS
Analysis of automatic looping regulators on continuous small shape hot rolling mills. S. N. Kozhevnikov, S. D. Grinberg. Trudy Inst. chern. met. AN URSR 16:112-128 '62.
Automatic indicator of plunger position on a Pilgrim mill feed mechanism. S. N. Kozhevnikov, A. V. Prazdnikov, V. I. Loshkarev. Trudy Inst. chern. met. AN URSR 16:105-111 '62.
Automatic precise stopping of reversing cold rolling mills. S. N. Kozhevnikov, E. G. Skuratov. Trudy Inst. chern. met. AN URSR 16 143-153 '62.
Brazhnikov, N. V., V. I. Bondarenko, and V. P. Chistov. [Automatic control of blast-furnace and rolling-mill processes with use of digital computers] Avtomatizatsiia domennogo i prokatnogo proizvodstva s primeneniem tsifrovykh schetno-reshaiushchikh ustroistv. Sverdlovsk, Metallurgizdat, 1962. 256 p.
Broyman, M. IA. [Power parameters of continuous billet mills] Energosilovye parametry nepreryvnykh zagotovochnykh stanov. Moskva, Metallurgizdat, 1962. 149 p.
Dynamics of electromechanical systems with flexible couplings. S. N. Kozhevnikov, P. IA. Skichko, A. S. Tkachenko. Trudy Inst. chern. met. AN URSR 16.56-66 '62.
Increasing the rigidity of rolling-mill stands by preliminary loading of rolls A. I. Merenkov. Izv. vys. ucheb. zav., mashinostr. no 8:98-103 '62.
Investigating on an electron model the performance of the main line of a Pilgrim mill. S. N. Kozhevnikov and others. Trudy Inst. chern. met. AN URSR 16:88-101 '62.
One hundred years of continuous rolling. N. K. Luman. Metallurg 7 no. 12:35-38 D '62.
Roll loading limit on four-high cold rolling mill stands. M. I. Bolnershinov, L. I. Borovik. Izv. vys. ucheb. zav., chern. met. 5 no. 11:121-127 '62.
Study of thermal conditions in the operation of heavy rolling mills. IU. K. Vasil'ev, I. N. Bogatenko. Vest. elektroprom. 33 no. 12.32-35 D '62.

ROLLING MILLS—DESIGN AND CONSTRUCTION
Zaroshchinskii, M. L. [Technological principles of rolling-mill design] Tekhnologicheskie osnovy proektirovanii prokatnykh stanov. Moskva, Metallurgizdat, 1962. 443 p.

ROLLING MILLS—ELECTRIC DRIVING
Experimental investigation of transient processes in the motor of a continuous rolling mill. S. D. Grinberg and others. Trudy Inst. chern. met. AN URSR 16:138-142 '62

ROLLING MILLS—ELECTROMECHANICAL ANALOGIES
Determination of optima conditions of reduction mill operations. S. N. Kozhevnikov and others. Trudy Inst. chern. met. AN URSR 16:70-77 '62.

ROLLING MILLS—MANAGEMENT
Meis, A. F. [Production organization in rolling mills] Organizatsiia proizvodstva v prokatnykh tsekhakh. Moskva, Metallurgizdat, 1962. 215 p.

ROLLING MILLS—TESTING
(see also subdivision under Dneprodzerzhinsk)
Experimental investigation of the performance of continuous three-high rolling mills. S. N. Kozhevnikov, A. S. Tkachenko, P. IA. Skichko. Trudy Inst. chern. met. AN URSR 16:154-160 '62.

ROLLS (IRON MILLS)
Effect of rolled sheet width and roll grooving on the strength and elastic deformation of rolls on four-high mills. V. P. Polukhin, IU. D. Zheleznov, V. I. Skorupskii. Izv. vys. ucheb. zav.; chern. met. 5 no. 11:106-112 '62.

ROLLS (IRON MILLS)—STANDARDS
Rolls of sheet-rolling mills. P. N. Kuznetsov. Standartizatsiia 26 no. 11:42-44 N '62.

ROMASHKINO REGION—PETROLEUM GEOLOGY
Types of oil pools in the coal-bearing horizon of the Romashkino field. A. R. Kinzikeev, A. S. Akishevn. Geol. nefti i gaza 6 no. 10:50-54 O '62.

ROME—SLAVERY
Manumission of slaves in ancient Rome as a socioeconomic phenomenon (in Georgian with summary in Russian). R. Gogolashvili Trudy Tbil. GU 87:303-325 '60.

ROME, COUNCIL OF, 1962-
Koval'skii, N. A. [Affairs of the Vatican] Dela vatikanskie. Moskva, Gospolitizdat, 1962. 62 p.

ROMNY DISTRICT—GEESE
Geese raising as an important source of meat production. N. P. Poliakshii. Nauch. trudy Zootekh. fak. Khar. zoovet. inst. 11 39-41 '62.

ROOFING, ASBESTOS CEMENT
The durability of "VO" corrugated asbestos-cement sheets of ordinary shape in roofs of public buildings. G. S. Blokh, A. N. Litvinov Trudy NIIAsbestcementa no 13 3-28 '62.

ROOFING, CONCRETE
Akademiia stroitel'stva i arkhitektury SSSR. Institut organizatsii, mekhanizatsii i tekhnicheskoi pomoshchi stroitel'stvu. [Prestressed two-layer floors of attic roofs] Predvaritel'no napriazhennye dvukhsloinye mansardnykh cherdachnykh perekrytii; opyt Kombinata zhelezobetonnykh konstruktsii No. 2. Glavmospromstroimaterialov. Moskva, Gosstroiizdat, 1960. 42 p.
Long-span reinforced concrete ribbed arch R. N. Matselinskii, N. I. Katin, A. N. Stulchikov. Prom. stroi. 40 no. 11 34-36 '62
Waterproof concrete. V. Lapsa. Stroi. i arkhit 10 no. 11:33 N '62.

ROOFS
Development of architectural forms of reinforced concrete three-dimensional roofs. V. Kazarinova. Arkhit. SSSR no. 11:16-54 '62.

ROOFS, SHELL
(see also subdivision under Tiflis)
The contributions of reinforced concrete shells to completely precast industrial construction. K. Glukhovskoi, N. Emdin. Na stroi. Kuz. 3 no. 9:15-17 S '62.
Cylindrical shells in the roof of an industrial building. L. L. Kuzeochkin. Prom. stroi. 40 no. 12:7-9 '62.
Partly precast and partly cast-in-place reinforced concrete shells with two-way curvature made of large slabs. L. Z. Zhukovskii, A. A. Kulagin. Prom. stroi. 40 no. 12:5-12 '62.
Precast shells in the form of hyperbolic paraboloids. M. I. Rubinchik, IU. V. Chimenkov. Prom. stroi. 40 no. 12.4-7 '62.
Shells in the form of hyperbolic paraboloids N. Kanchell Stroi i arkhit Moak 11 no 12:25-27 D '62

ROOKS (BIRDS)
Questions and answers. B. IU. Falkenshtein. Zashch. rast. ot vred. i bol. 7 no 6:12 Je '62.

ROOT CROPS
Some characteristics of phasic development of biennial root crops [with summary in English] T. V. Oleinikova. Trudy po prikl. bot., gen. i sel. 34 no. 2,61-68 '61.

ROOT KNOT
Solutions killing the root knot nematode. I. V. Shaposhnikova. Zashch. rast. ot vred i bol. 7 no 6:37 Ag '62.

ROOTS (BOTANY)
Dynamics of growth of the root systems of one-year-old seedlings of local and introduced woody plants during the growing period. A. A. Novikova. Vestsi AN BSSR, Ser. biol. nav. no. 3:37-46 '62.
Root formation on the trunk of some species of Eucalyptus. M. V. Gerasimov. Bot. zhur. 47 no. 10:1531-1533 O '62.

ROOTS OF EQUATIONS see Equations, Roots of

ROSES see subdivision under Crimea

ROSSOSH' DISTRICT—POPLAR
Raising fast-growing species in the Rossosh' Tract. A. S. IArmol'enka. Nauk. pratsi Lisohosp. fak. UASHN 16 no. 8:90-93 '60.

ROSTOV—AGRICULTURAL MACHINERY INDUSTRY—ACCOUNTING
Simplified method of accounting for the costs of auxiliary production. V. Portnlagin, N. Sarlov. Bukhg. uchet 10 no. 11:32-34 N '62.

ROSTOV—PRECAST CONCRETE CONSTRUCTION
[Problems in the economics of housing construction] Voprosy ekonomiki zhilishchnogo stroitel'stva. Kishinev, Partiinoe izd-vo TsK KP Moldavii, 1962. 22 p.
[MICROFILM]

ROSTOV-ON-DON—AGRICULTURAL MACHINERY INDUSTRY
Workers of the Krasnyi Aksai Plant take part in inspection. Z. V. Roznichenko. Mashinostroitel' no. 11:45 N '62.

ROSTOV-ON-DON—HISTORICAL RESEARCH

Historical studies of the scholars of Rostov University. K. G. Fedorov, I. P. Khlystov. Vop. ist. no. 12 109-112 D '62

ROSTOV-ON-DON—LABOR COURTS

On the right road. V. Kondrakov. Sov. iust. no. 6,23 Ap '62

ROSTOV-ON-DON—MOTION PICTURES, DOCUMENTARY

Forgotten motion-picture films. V. Morozova. Ogonek 40 no. 39 30-31 S '62.

ROSTOV PROVINCE—AGRICULTURAL MACHINERY INDUSTRY

Eliminate waste. B. Bellanskii, G. Malofeev. Bukhg. uchet 19 no. 11:50-53 N '62.

ROSTOV PROVINCE—BAR ASSOCIATION

Successive work of practicing lawyers. V. Stremovskii. Sov. iust. no. 8:7-9 Ap '62

ROSTOV PROVINCE—CORN (MAIZE)—DISEASE AND PEST RESISTANCE

Zinc increases the disease resistance and yield of corn. G. M. Ignatovich, G. L. Mokrievich. Zashch. rast. ot vred. i bol. 7 no. 4 35-36 Ap '62.

ROSTOV PROVINCE—HERBICIDES

Economic use of chemical industry waste. K. F. Gromakovskii. Zashch. rast. ot vred. i bol. 7 no. 6,20 Je '62

ROSTOV PROVINCE—PLANTS, PROTECTION OF

A good initiative finds followers. Zashch. rast. ot vred. i bol. 7 no. 8 1-3 Ag '62

ROTATING AMPLIFIERS

Methodology for evaluating the operational features of a three-stage amplidyne for use in the electrical transmission systems of diesel locomotives. V. F. Baiko. Trudy LIIZHT no. 175:10-41 '61.

Some methods for improving the parameters of an amplidyne for use of the electrical transmission systems of diesel locomotives. G. L. Boldyrev. Trudy LIIZHT no. 175:42-52 '61.

ROTATING BODIES

Stability of uniform rotations of mechanical systems. V. V. Rumiantsev. Izv. AN SSSR. Otd. tekh. nauk. Mekh. i mashinostr. no. 6:113-121 N-D '62.

ROTATING DISKS see Disks, Rotating

ROTATION OF CROPS

(see also subdivision under Ossetia, North, White Russia)

Applying lime to grassland-flax crop rotations. A. D. Kostiuchenko, L. I. Petrova. Trudy VNIIL no. 4 119-128 '55

Biological, organizational and economic bases of the rotation of crops. V. T. Makarov. Biol. v shkole no. 4:74-78 Jl-Ag '62.

Effect of prolonged application of organic and mineral fertilizers to grassland-flax crop rotations on changes in the conditions of soil nutrition of plants (with summary in English). E. S. Karpova. Trudy VNIIL no. 5 149-162 '58.

System of plant fertilization in grassland-flax crop rotations. A. D. Kostiuchenko. Trudy VNIIL no. 1 105-118 '55

ROTOV, KONSTANTIN PAVLOVICH, 1901-1959

Rotov, K. P. Konstantin Pavlovich Rotov. Moskva, Sovetskii khudozhnik, 1961. 31 l. (chiefly illus.) (MIU)

ROWING see subdivision under Maritime Territory

ROZDOL—SULFUR MINES AND MINING

Introduction of an enlarged borehole pattern at the open-cut mine of the Rozdol Sulfur Combine. N. M. Pokhomov, I. V. Stoiko. Khim. prom. no. 10,773-776 O '62.

ROZINS, FRICIS, 1870-1919

"F. Rozins as a pathfinder of Marxist philosophy in Latvia" by V. Steinberga. Reviewed by T. Draudins. Izv. AN Latv. SSR no. 3,151-154 '61.

RUBBER

New developments in foreign science and technology. Kauch. i rez. 21 no. 11 61-64 N '62.

"New types of rubber and fields of their practical utilization" by N. D. Zakharov. Reviewed by M. A. Poliak. Kauch. i rez. 21 no. 11,64 N '62.

Rubbers for the shock absorbers of automatic couplers. L. E. Vinitskii. Kauch. i rez. 21 no. 11-12-17 N '62.

RUBBER—TESTING

Limit compression deformation of metal-and-rubber elements. A. T. Kharitonov. Kauch. i rez. 21 no. 11: 24-27 N '62

RUBBER, RECLAIMED

Seminar on the processing and utilization of industrial wastes of rubberized fabrics and waste rubber from rubber industry enterprises. IA. N. Kaplunov. Kauch. i rez. 21 no. 11-59-60 N '62

Sulfur-containing accelerators for rubber reclaiming. V. F. Drozdovskii. Kauch. i rez. 21 no. 11 17 N '62.

Use of the new types of reclaimed rubber in the tire industry. I. A. Levitin, A. A. Galkovich. Kauch. i rez. 21 no. 11:49-51 N '62.

RUBBER, SYNTHETIC

Characteristics of the changes in the strength of pyridine-containing copolymers. V. V. Verkholantsev, L. S. Okhrimenko. Kauch. i rez. 21 no. 11 1-3 N '62.

Rubberizing of apparatus and pipes with ebonite. I. V. Birlukov, I. A. Savchuk, G. O. Berlovskii. Bum. prom. 37 no. 11,28 N '62.

Stereospecific butadiene rubber. G. P. Belov. Kauch. i rez. 21 no. 11 34-38 N '62.

RUBBER COATINGS

Use of polystyrol resins in the mixture formula for protective rubbers. Z. N. Korbanova, A. D. Slukin, O. G. Sheetskova. Kauch. i rez. 21 no. 11 51-52 N '62.

RUBBER INDUSTRY—EQUIPMENT AND SUPPLIES

Device for the automatic removal of meteorological balloon shells from the molds. K. G. Ismagilov. Kauch. i rez. 21 no. 11 47-48 N '62.

RUBBER TO METAL BONDING

Selecting a type of rubber for metal-rubber dampers in sintering plant mixer drums. V. I. Shtiuk, D. P. Pritykin. Trudy Inst. chern. met. AN URSR 16 165-170 '62.

RUBBERIZED FABRICS

Increasing the bonding strength of rubber and fabric by means of correcting the vulcanizing group. V. A. Panov and others. Kauch. i rez. 21 no. 11 4-6 N '62.

RUBIDIUM

Chemical structure of rubidium catalyzed divinyl polymers. A. I. IAbuchik, V. D. Nikitina. Zhur. prikl. khim. 35 no. 11:2491-2495 N '62.

RUBIDIUM BROMIDE

Application of the statistical theory to a finite ionic crystal, Part 1: Description of the statistical model of an ionic crystal and determination of the bonding energy (with numerical calculation for RbBr). A. A. Medvinskii. Izv. vys. ucheb. zav.; fiz. no. 5:140-149 '62

RUBIDIUM SELENATE

Physicochemical properties of selenates. Part 15: Behavior of rubidium selenate during heating. N. M. Selivanova and others. Izv. vys. uch. zav.; khim. i khim. tekh. 5 no. 4 524-528 '62.

RUBIES

Spin-lattice relaxation in ruby. IU. V. Bogomolov. Fiz. tver. tela 4 no. 11:3286-3287 N '62.

RUDNYY—TECHNICAL EDUCATION

Our voluntary university. V. Pimenov. Avt. transp. 40 no. 12:39 D '62.

RUGOSA see subdivision under Siberian Platform

RULE OF THE ROAD AT SEA see subdivision under British Channel, North Sea

RUMANIA—AGRICULTURE, COOPERATIVE

Along Lenin's road. A. Muntianu, A. Kympianu. Agitator no. 11;23-25 Je '62

RUMANIA—ANOXIA (INSECT)—EXTERMINATION

The beetle Anoxia villosa Fabr. in Rumania. P. Pashol. Zashch. rast. ot vred. i bol. 6 no. 8-52 Ag '61.

RUMANIA—ANTIQUITIES

"Doctors" of the ancient Dacians. Vokrug sveta no. 10, 33 O '62.

RUMANIA—BIBLIOGRAPHY

[New literature on Rumania] Nov. lit. po Rum. nos. 8/9 '62.

RUMANIA—BONUS SYSTEM

Some aspects of paying bonuses to workers in the industries of the Rumanian People's Republic. P. Kappelovich, L. Kovacs, A. Draguleanu. Biul. nauch. inform. i trud. i zar. plata 5 no. 11;57-61 '62.

RUMANIA—COMMUNIST PARTY

"The Rumanian labor movement in 1917-1921 and the organization of the Communist Party of Rumania" [in Rumanian] by S. Cusnir-Michailovici. Reviewed by M. N. Rosenfel'd. Vop. ist. no. 12 156-158 D '62.

RUMANIA—EDUCATION OF WOMEN

A cleaning of the "municipal stables"; reportage on a school graduation day in Rumania. Suzana Gidea. Zhen. mira no. 8:11-14 '62.

RUMANIA—FOREIGN RELATIONS

Lebedev, N. I. [Role of the Rumanian People's Republic in present-day international relations] Rumynskaia Narodnaia Respublika v sovremennykh mezhdunarodnykh otnosheniiakh. Moskva, Izd-vo IMO, 1962. 95 p. (Vneshniaia politika; mezhdunarodnye otnosheniia)

RUMANIA—FUNGI, PHYTOPATHOGENIC

New materials for studying the mycoflora of the Rumanian People's Republic. A. Negru, E. Vlad. Izv. AN Arm. SSR, Biol. nauki 15 no. 11:43-48 N '62.

RUMANIA—HELMINTHOLOGY

New horizons of the helminthological science and practice in Rumania. K. I. Skriabin, N. P. Shikhobalova. Trudy Gelm. lab. 11,228-233 '61.

RUMANIA—UNDERGROUND CONCRETE CONSTRUCTION

Construction of utility conduits in Rumania and Poland (from "Revista Constructiilor si a materialelor de Constructii," no. 8, 1960, "Inzynieria i Budownictwo," no. 6, 1959, no. 8, 1961). E. A. Demchenko, V. A. M[illegible]. Vod. i san. tekh. no. 11 33-35 N '62

RUMEN—DISEASES

Insulin therapy of functional disorders in the rumen of cattle. Z. P. Nazarkovych, M. M. Martyniuk. Visnyk sil'hosp. nauky 5 no. 11;106-108 N '62

RUMEN—MICROBIOLOGY

Methods for determining the cellulolytic activity of the contents of the rumen. V. A. Kaplan, L. S. [illegible]. Visnyk sil'hosp. nauky 5 no. 10-110-112 O '62.

RUNOFF

(see also subdivision under Central Black Earth region; Georgia)

Distribution of water balance elements on the territory of the U. S. S. R. N. N. Dreier. Izv. AN SSSR. Ser. geog. no. 6;11-16 N-D '62.

Using continuous electronic computers to calculate a runoff hydrograph. L. S. Kuchment. Meteor. i gidrol. no. 12 16-20 D '62

Voskresenskii, K. P. [Norm and variations of the annual runoff of Soviet Union rivers] Norma i izmenchivost' godovogo stoka rek Sovietskogo Soiuza. Leningrad, Gidrometeoizdat, 1962. 543 p.

——— ——— ——— [Maps of the annual average runoff of U. S. S. R. rivers on a 1:5,000,000 scale (eight sheets) and on a 1:10,000,000 scale (one sheet)] Karty srednego godovogo stoka rek SSSR v masshtabakh 1:5,000,000 (na 8 listakh) i 1:10,000,000 (na 1 liste)

RURAL ELECTRIFICATION

Progress in electrification lies in mechanization of operations and the correct organization of work. G. Nesterenko. Sel'. stroi. no. 11:20-22 N '61.

RURAL ELECTRIFICATION—BIBLIOGRAPHY see Bibliography—Rural electrification

RURAL ELECTRIFICATION—EQUIPMENT AND SUPPLIES

Apparatus manufactured by the Minsk Electric Equipment Factory for rural electrification use. P. P. Gal'perin. Vest. elektropром 33 no. 12 4-8 D '62.

RURAL LIBRARIES

(see also subdivision under Bobrovitsa District, Sumy Province; Transcarpathia)

I can't stand on the sidelines. N. Kukhtina. Bibliotekar' no. 12;22-23 D '62.

In honor of a grain grower. I. Dneprovol. Bibliotekar' no. 12;20 D '62.

In the center of attention. T. Skul't. Bibliotekar' no. 12 21 D '62.

The secret of success is in work with the individual. L. Shatunova. Bibliotekar' no. 12;15-17 D '62.

Using resources for our collective farm. V. Patrin. Bibliotekar' no. 12;19 D '62.

With great efficiency. I. Kolesnikov. Bibliotekar' no. 12-17-18 D '62.

RURAL PLANNING see subdivision under Virgin Territory

RURAL WATER SUPPLY see Water supply, Rural

RUSAKOV, IVAN VASIL'EVICH, 1877-

Ivan Vasil'evich Rusakov, physician and hygienist, on his 85th birthday. I. A. Slonimskaia. Sov. zdrav. 21 no. 12:32-35 '62.

RUSETSKI, ALIAKSEI, 1912-

The poetry of sunlight. IAzep Semiarhon. Belarus' 19 no. 12:21 D '62.

RUSGUNIELLA see subdivision under Dvoren region

RUSSIA—AIR FORCE

A skillful educator. A. Sablukov. Komm. Vooruzh. Sil 3 no. 24 53-57 D '62.

RUSSIA—AIR FORCE—EDUCATION, NONMILITARY

Good preparations ensure the successful work of study groups. V. Degtiarev. Komm. Vooruzh. Sil 3 no. 21 71-74 N '62.

RUSSIA—AIR FORCE—OFFICERS

Education of young commissioned officers in the party duty of party members. G. Platonenkov. Komm. Vooruzh. Sil 3 no. 22;42-47 N '62.

RUSSIA—ALLIED INTERVENTION, 1918-1920

"Intervention and the war; Anglo-Soviet relations" [in English] by R. Ullman. Reviewed by O. F. Solov'ev. Vop. ist. no. 11;175-178 N '62.

RUSSIA—ARMED FORCES

Basic characteristics of present-day phase in the development of the Soviet Armed Forces. F. Sulimov, A. Timorin. Komm. Vooruzh. Sil 3 no. 24 38-44 D '62.

RUSSIA — ARMED FORCES (Continued)

Decisions of the plenary session of the Central Committee of the CPSU call us to glorious achievements Komm Vooruzh Sil 3 no 24 36-37 D '62.

Efforts of Ukrainian party organizations to strengthen the Armed Forces of the U S S R , 1924-1928 D D Fykha. Ukr. ist. zhur 6 no.6 76-85 N-D '62

Socialist competition is the general feature of our social development V Smol'yov Komm. Vooruzh Sil 3 no 24 6-16 D '62

Technical training of the Soviet Armed Forces should contribute to the solution of present-day problems. Komm Vooruzh Sil 3 no 24 2-7 D '62

We should be always ready to fight. A.Shatunyi. Komm.Vooruzh.Sil 3 no.22 76-80 N '62.

We should increase the military preparedness of the Armed Forces Komm.Vooruzh.Sil 3 no.22 2-6 N '62.

We should promote the creative work of inventors and efficiency experts. A.Kiselev, Komm.Vooruzh. Sil 3 no.22;51-56 N '62.

We should teach our servicemen how to use present-day weapons and equipment in the best possible way V. Vikhrenko Komm Vooruzh Sil 3 no.24 72-74 D '62.

Young servicemen should try to achieve the best results in military training Komm Vooruzh Sil 3 no 24 58-64 D '62

RUSSIA—ARMED FORCES—POLITICAL ACTIVITY

Brief news of party and political work Komm Vooruzh Sil 3 no 24 87-90 D '62.

Brief news of party and political work. Komm Vooruzh. Sil 3 no.22;93-95 N '62

Follow-up of articles published in our periodical. Komm Vooruzh Sil 3 no 24 89 D '62.

Increase the responsibility of party organizations for admission to the CPSU I Mednikov, V Soshnev Komm Vooruzh Sil 3 no 24 25-30 D '62

We should persistently try to combine our ideological propaganda in the Armed Forces with organizational work. M.Kalashnik Komm.Vooruzh.Sil 3 no.22; 7-18 N '62.

RUSSIA—ARMED FORCES—REGULATIONS

Regulations of the Armed Forces of the U.S.S.R. are the rules which govern the military life of Soviet servicemen. Komm Vooruzh.Sil 3 no.22;80-82 N '62.

RUSSIA—ARMY

Moscow, Voenno-politicheskaia akademiia. Kafedra dialekticheskogo i istoricheskogo materializma. [Marxism-Leninism on war and the army] Maksizm-leninizm o voine i armii. 3., pererab. i dop. izd. Pod obshchei red. Fedorova, G.A., Sushko, N.IA., Belego, B.A., Moskva, Voenizdat, 1962. 374 p.

RUSSIA—ARMY—ARTILLERY

We achieved our success this way. IU. Vasil'ev. Komm. Vooruzh.Sil 3 no 24 45-48 D '62.

RUSSIA—ARMY—OFFICERS

Follow-up of articles published in our periodical. Komm.Vooruzh.Sil 3 no.22 96 N '62.

RUSSIA—ARMY—POLITICAL ACTIVITY

Guidance of the Communist Youth League is the prime objective of political organizations and party groups. V.Golovkin. Komm.Vooruzh.Sil 3 no.22;55-41 N '62.

Political organizations inform the Communists on their work. N.Kostin. Komm.Vooruzh.Sil 3 no.22 68-71 N '62.

RUSSIA—CENSUS

Russia (1923- U.S.S.R.) TSentral'noe statisticheskoe upravlenie. [Results of the 1959 All-Union Population Census; the U.S.S.R. (cumulative)] Itogi Vsesoiuznoi perepisi naseleniia 1959 goda; SSSR (svodnyi tom). Moskva, Gosstatizdat, 1962. 283 p.

RUSSIA—COMMERCE

"Economics of Soviet commerce." Reviewed by R.Ershova. Sov.potreb.koop. 6 no.9:50 S '62.

Lineitski, E.IA., A.F. Lolekov, and F.M. Sokolov. [The economics and planning of Soviet commerce] Ekonomika i planirovanie sovetskoi torgovli. Rekomendovano v kachestve uchebnika dlia tekhnikumov sovetskoi torgovli. Moskva, Gostorgizdat, 1962. 424 p. (MH)

RUSSIA—COMMERCE—CYPRUS

First anniversary of a trade agreement. IU. Balod, IU. Kochenovskii. Vnesh. torg. 12 no.12:19-20 '62.

RUSSIA—COMMERCE—FINLAND

Our trade with Finland, an interview with N.S. Patolichev Nov vrem 20 no.51 9-10 D '62.

RUSSIA—COMMERCE—FRANCE

Important issues in Soviet-French trade. V.Kozyrev. Nov.vrem. 20 no 52:9-10 D '62

RUSSIA—COMMERCE—GUINEA

Export of bananas and pineapple from the Republic of Guinea. B.Repkin. Mor.flot 22 no.11,44-45 N '62.

RUSSIA—COMMERCE—INDIA

Soviet-Indian trade relations. Vnesh.torg. 42 no.12:3 '62

RUSSIA—COMMERCE—ITALY

Fourteenth anniversary of the treaty with Italy. V.Borisov. Vnesh.torg. 42 no.12 21-22 '62.

RUSSIA—COMMERCE—YUGOSLAVIA

Communiqué on Soviet-Yugoslav trade negotiations for 1963. Vnesh.torg. 42 no.12:3 '62.

RUSSIA—CONSTITUTION

Constitutional development of the Soviet Federation. A.L.Lepeshkin. Sov.gos.i pravo 32 no.12;26-36 D '62.

RUSSIA—CONSTITUTION—BIBLIOGRAPHY

Studies devoted to the establishment of the U.S.S.R., the First Constitution of the Soviet Union, and the constitutions of the Union Republics. Sov.gos.i pravo 32 no.12-162-167 D '62.

RUSSIA—CULTURE

Jean Paul Sartre on Soviet culture. Vop.lit. 6 no.10: 160-163 O '62.

RUSSIA—ECONOMIC CONDITIONS

Birthday of the Land of the Soviets Sov.deput.trud. no.11;3-6 N '62.

Development of the socialist nations; survey of the literature. Polit.samoobr. 6 no.12 101-111 D '62.

Forty-five. Voiov.ateist no.11 2-4 N '62.

The 45th October. Mashinostroit' no.11-1-2 N '62.

"The Soviet economy in 1961." Reviewed by I. Shutov. Nov vrem 20 no.51,30-31 D '62.

"The Soviet national economy as a historical phenomenon" [in German] by Hans Raupach. Reviewed by A.M. Filitov. Vop.ist. no.11:191-193 N '62.

Vikent'ev, A.I. [In full bloom; informal discussions on modern Soviet economy] V rastsvete sil; besedy o sovremennoi sovetskoi ekonomike. Moskva, Izd-vo "Znanie," 1962. 64 p. (Narodnyi universitet kul'tury' Tekhniko-ekonomicheskii fakul'tet, no. 11)

RUSSIA—ECONOMIC GEOGRAPHY see Geography, Economic

RUSSIA—ECONOMIC POLICY

Along the course laid down by Lenin. Bibliotekar' no.12;1-3 D '62.

Apply the decisions of the November Plenum of the Central Committee of the CPSU to construction practice Ekon.strot. no.12;3-5 D '62.

Chugalov, V.P., and B.I.Rasputnis. [An example which inspires all nations; international significance of the building of communism in the U.S.S.R.] Zapalituchnyi prykład dlia vsikh narodiv; mizhnarodnoe znachennia budivnytstva komunizmu v SRSR. Kyiv, 1962. 45 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR, Seriia 4, no.3)

Communism and nations. Sharaf Rashidov. Kult.i zhizn' 6 no.10;8-13 '62.

Doing more today means having more tomorrow! V.Kudriakov. Nar.khoz.Uzb. 4 no.9:17-23 S '62.

Entering the fifth year of the seven-year plan. Part. zhizn' no.24;3-7 D '62.

Following Lenin's course. Sov.profsoiuzy 18 no.23-4 D '62.

Important event in the life of a nation. Doshk.vosp. 35 no.12,3-4 D '62.

Improve the party guidance of the national economy. Part. zhizn' no.23:3-8 D '62.

Improving planning during the period of transition to communism. V.N.Zhukov. Vest.Mosk.un.Ser.6: Ekon., filos. 17 no.6.17-31 N-D '62.

Kommunisticheskaia partiia Sovetskogo Soiuza. [Program of the Communist Party of the Soviet Union; adopted by the 22d Congress of the CPSU] Programma Kommunisticheskoi partii Sovetskogo Soiuza; priniata XXII s"ezdom KPSS. Moskva, Gospolitizdat, 1962. 306 p.

Marozau, V.D. [Communism is the great goal of the party and the Soviet people] Kamunizm - vialikaia meta partyi i naroda. Minsk, Dziarzh. vyd-va BSSR. Red. satsyial'na-ekanamichnai lit-ry, 1962. 77 p. (Ifuturki ab noval pragramo KPSS)

Moscow. Akademiia obshchestvennykh nauk. [Program for studying the materials of the 22d Congress of the CPSU] Programma izucheniia materialov XXII s"ezda KPSS; dlia politshkol, kruzhkov istorii KPSS, osnov marksizma-leninizma i tekushchei politiki. Moskva, 1961. 30 p.

November Plenum of the Central Committee of the CPSU. Vest.AN SSSR 32 no.12:3-8 D '62.

Party guidance of the national economy should be equal to the new tasks. Polit.samoobr. 6 no.12:3-10 D '62.

Perfecting of socialist enterprises and their development in enterprises of a communist society. A.Kh. Burnashev, T. Abdushukurov. Obshchestv. nauki v Uz 6 no.10.17-24 '62

Perfecting the guidance of industry, construction, and technological development. A.Dubov. Polit.samoobr. 6 no.12:24-30 D '62.

Program of the building of communism is being carried out. Mekh.i avtom.proizv. 16 no.11:1-2 N '62.

Put all potentials of the national economy in the service of the building of communism. Uchet i fin v kolkhoz. i sovkhoz. 18 no.12 2-4 D '62.

Resolutions of the November Plenum of the Central Committee of the Communist Party of the Soviet Union in practice. Part. zhizn' no.24;8-15 D '62

Role of commodity and monetary relations in the development of communism. I.Lakhman. Sov.potreb.koop. 6 no.9;47-50 S '62

Sikorski, U.M. [Great program of the building of communism] Velichnaia programa budaunitstva kamunizma. Minsk, Dziarzhvyd BSSR, 1962. 136 p. (Ifutarki ab-noval Pragramo KPSS)

Soviet economy in 1963 Nov vrem 20 no 51;3 D '62.

Triumph of Lenin's ideas. Az.i Afr.seg. no.12;5 D '62.

Urgent program for action. Avt.transp. 40 no.12: 1-2 D '62.

RUSSIA—FOREIGN ECONOMIC RELATIONS

Development of Soviet-Czechoslovak economic relations N.Pusenkov. Vnesh.torg. 42 no 12:18-19 '62.

Friendship, cooperation, mutual advantage [with summary in English, p. 51]. Vnesh.torg. 42 no.12:1-11 '62.

RUSSIA—FOREIGN ECONOMIC RELATIONS—AFRICA

Soviet-African friendship. F.Seiful'-Muliukov. Agitator no.12;28-29 Je '62.

RUSSIA—FOREIGN RELATIONS

The bankrupcy of efforts to establish a united anti-soviet front on the eve of the Geneva Conference [in Georgian with summary in Russian]. I.Chikava Trudy Tbil GU 87:43-57 '60.

For peace and communism. Kommunist 39 no.1:3-9 Ja '63.

Khrushchev, N.S. [Present-day international situation and the foreign policy of the Soviet Union] Sovremennoe mezhdunarodnoe polozhenie i vneshniaia politika Sovetskogo Soiuza; doklad na sessii Verkhovnogo Soveta SSSR 12 dekabria 1962 goda. Moskva, Gospolitizdat, 1962. 63 p.

Let this black shadow be dispelled! IUrii Zhanais'kyi. Ukraina no 24:4 D '62

Modern world and diplomacy. V.Israelian. Mezhdunar. zhizn' 10 no.1:44-52 Ja '63.

Murashyi, O.D. [Peaceful coexistence and the struggle for peace] Myrne spivisnuvannia i borot'ba za myr. Kyiv, Derzh. vyd-vo polit. lit-ry URSR, 1962. 118 p

RUSSIA—FOREIGN RELATIONS—CHINA

Holubnychy, Vsevolod. [A new conflict in the Communist camp] Novyi konflikt u komunistychnomu taburi. Munich, Suchasnist', 1962. 72 p. (CSt-H)

RUSSIA—FOREIGN RELATIONS—CZECHOSLOVAKIA

Shishkin, V.A. [Czechoslovak-Soviet relations during the years 1918-1925] Chekhoslovatsko-sovetskie otnoshenila v 1918-1925 godakh. Moskva, IMO, 1962. 295 p.

RUSSIA—FOREIGN RELATIONS—JAPAN

Soviet-Japanese negotiations on the reestablishment of diplomatic relations. V.Nikolaev. Mezhdunar. zhizn' 10 no.1:184-190 Ja '63.

RUSSIA—FOREIGN RELATIONS—TURKEY

Falsification of the history of Soviet-Turkish relations of the period of the Second World War in contemporary Turkish historiography [in Armenian with summary in Russian]. R.G. Soakin Izv. AN Arm. SSR Obshchestv. nauki no.11;3-18 N '62.

"Soviet-Turkish relations from 1923 to 1935" by I.F. Chernikov. Reviewed by V.M. Zaitsev. Ukr ist. zhur 6 no.6:128-129 N-D '62.

RUSSIA—GEOGRAPHY see Geography

RUSSIA—HISTORIOGRAPHY

Danilova, L.V., B.I. Marushkin, and M.G. Pankratova. [Bourgeois historians in the service of anticommunism] Burzhuaznye istoriki na sluzhbe antikommunizma. Moskva, Izd-vo "Znanie," 1962. 31 p. (Novoe v zhizni, nauke, tekhnike, I Seriia: Istoriia, no.24)

Historical research and the education of future history teachers should contribute to the solution of problems concerning the building of communism. B. Ponomarev. Kommunist 39 no.1;19-35 Ja '63.

In the Committee on the History of Historical Science. E.M. Amoshina, A.M. Stanislavskaia Vop ist no 12 107-109 D '62.

RUSSIA—HISTORY

Agrarian policy during the "oprichnina," 1505-1572 [with summary in English, p.209] A.A.Zimin Vop. ist no.12;60-78 D '62.

Brief notes. Vop.ist. no.11;167-169 N '62.

Brief notes. Vop. ist. no.12:153-155 D '62.

A conference on the history of the Russian social movement in the second half of the 19th century. T.P. Sannikova. Vop. ist no 12,150-152 D '62

"Ideological discussion in the Russian sociopolitical writings of the late 15th and the early 16th century" by IA.S.Lur'e. Reviewed by A.A.Zimin. Vop.ist. no.11;150-153 N '62.

RUSSIA — HISTORY (Continued)

Participation of young Georgians in the Russian revolutionary and liberation movement in the second half of the 19th century [in Georgian with summary in Russian] Z. Shvelidze. Trudy Tbil GU 87,81-101 '60

"Problems in the history of Russian agriculture, peasantry, and the revolutionary movement, collected articles dedicated to Academician N M. Druzhinin's 75th birthday." Reviewed by V A Shvarev Vop. ist no 12 125-127 D '62

"Sixty-five years in the ranks of the party of Lenin" by F I Petrov Reviewed by V. Pliaskin. Komm Vooruzh Sil 3 no 24 84-86 D '62.

"Studies on the history of the U S S R , the 12th and 13th centuries" by V T. Pashuto Reviewed by O M Rapov. Vop ist no 12 132-134 D '62

An unforgettable year; reminiscences M. Chervonnyi Sov. deput. trud. no. 12;121-24 D '62.

RUSSIA—HISTORY—SOURCES

An unknown decree of Peter I A N Sakharov Vop ist no. 12 201-203 D '62

[Archaeographic yearbook for 1961] Arkheograficheskii ezhegodnik za 1961 god. Pod red M N. Tikhomirova. Moskva, Izd-vo Akad. nauk SSSR, 1962. 477 p.

RUSSIA—HISTORY, MILITARY

Combat traditions of the Soviet Army. K Zalnullin. Voen. znan. 38 no. 12;23-24 D '62.

Military calendar. Voen. znan. 38 no. 12;40 D '62.

RUSSIA—INDUSTRIES

December 1932. Ukraina no 24:4 D '62.

Malinin, S N. [Role of industry in creating the material and technical foundation of communism] Rolia promyslovosti u stvarenni materyial'na-tekhnichnai bazy kamunizma Minsk, Dziarzh. vyd-va BSSR, Red. satsial'na-ekanamichnai lit-ry, 1962. 55 p. (Hutarki ab novai pragrame KPSS)

Shevchenko, A. IU. [Industrial development and its role in creating the productive forces of communism] Rozvytok promyslovosti ta ii rol' u stvorenni produktyvnykh syl komunizmu. Kyiv, 1962. 37 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR. Serila 3, no. 5)

RUSSIA—INTELLECTUAL LIFE

Stasov, V. V. [Letters to Russian cultural figures] Pis'ma k deiateliam russkoi kul'tury. Moskva, Izd-vo Akad. nauk SSSR
Vol 1. 1962. 354 p.

RUSSIA—INVASION OF 1812

Heroic deed of a nation; the 150th anniversary of the Patriotic War of 1812. V. Saibel. Voiov ateist no 9; 37-39 S '62.

Historical significance of the Patriotic War of 1812 (with summary in English, pp. 208-209) N M Druzhinin Vop ist no 12 48-59 D '62

History teaches. V. Smirnov. Vokrug sveta no. 10 50-51 O '62.

Monuments of our glorious past. V. O. Sydorenko Ukr. ist. zhur. 6 no 6 145 N-D '62

The 150th anniversary of the Patriotic War of 1812. Vest. AN SSSR 32 no. 12;113-115 D '62.

The Patriotic War of 1812 and its role in the development of Russian social ideas. I. IA. Shchipanov. Vop. filos. 16 no. 12;74-83 '62.

Remarkable period in the history of the Russian people; conferences devoted to the 150th anniversary of the Battle of Borodino and the Patriotic War of 1812 O. L Kronik, M. D., G. V. Ukr ist zhur. 6 no 6;143-144 N-D '62.

RUSSIA—LITERATURES

Amid periodicals and newspapers. Vop. lit 6 no. 10; 241-243 O '62.

Brief news Vop lit. 6 no. 10;244-256 O '62.

Brief news Vop lit. 6 no. 11 248-256 N '62.

Humanism and contemporary literature. Vop. lit. 6 no. 11 3-49 N '62.

New tasks in the studies of literary relations [in Azerbaijani with summary in Russian] Sh. K Kurbanov. Izv. AN Azerb. SSR Ser obshchestv. nauk no 6.59-69 '62

Young Siberia; problems of developing newly-established literatures. R. Bikmukhametov. Vop. lit. 6 no. 10;25-42 O '62.

RUSSIA—MANUFACTURES

Measures for increasing production, enlarging assortment and improving the quality of goods serving cultural and everyday needs as well as those serving household purposes. Sbor. post., prik. i instr. po fin. -khoz. vop. 27 no. 11-1-5 N '59.

Partial amendment of the regulation on bonuses, for improvement of the quality of products, for managerial, engineering and technical workers in enterprises of the textile and light industries. Biul. Gos. kom. po vop. truda i zar. platy no. 4;7 '62.

RUSSIA—MANUFACTURES—FINANCE

Layrushin, O. I., and M. A. Pesse[illegible]. [Issuing credit to the light and food industries] Kreditovanie legkoi i pishchevoi promyshlennosti. Moskva, Gosfinizdat, 1962. 85 p. (V pomoshch' bankovskomu rabotniku)

RUSSIA—NAVY

For a critical and impartial evaluation of the results of naval training. V. Ivanov. Komm. Vooruzh. Sil 3 no. 22-23-24 N '62.

Monopolies and the Russian state apparatus (with summary in English, pp. 207-208). K. F. Shatsillo. Vop. ist. no. 12 36-47 D '62.

RUSSIA—NAVY—OFFICERS

Let us show special concern for the training of young naval officers F Zozulia Komm Vooruzh Sil 3 no 24 17-24 D '62

RUSSIA—PEASANT UPRISINGS

Okun', S. B., ed. [Peasant movement in Russia from 1850 to 1856] Krest'ianskoe dvizhenie v Rossii v 1850-1856 gg , sbornik dokumentov. Moskva, Izd-vo sotsial'no-ekon. lit-ry, 1962. 828 p. (Krest'ianskoe dvizhenie v Rossii v XIX - nauchale XX veka)

RUSSIA—POLITICS AND GOVERNMENT

The age of democracy. F. Kalinychev. Sov deput. trud. no. 11;8-16 N '62.

American friends of Russian freedom. [How to help Stalin to conquer the world; who is the enemy "Russia" or communism?] Kak pomoch' Stalinu zavladet' mirom, kto vrag - "Rossia" ili kommunizm. New York [1952?] 29 p.

The close-knit family of Soviet republics I. Spiridonov. Sov. deput. trud. no. 12 9-14 D '62.

Communism and nations. Sharaf Rashidov. Kul't. i zhizn' 6 no. 10-8-13 '62.

The development of Lenin's ideas on the supervision of party organizations and governmental agencies. V. Donskoi, S Ikonnikov Kommunist 39 no 18 30-39 D '62

Forty-five years after the Great October Revolution Kh Sh Inoiatov Obshchestv. nauki v Uz. 6 no 10 5-9 '62.

[Gazette of the Supreme Soviet of the R.S.F.S R.] Ved. Verkh. Sov. RSFSR 6 nos. 49-52 D '62, 7 no. 1 Ja '63.

[Gazette of the Supreme Soviet of the U.S.S.R.] Ved Verkh. Sov. SSSR 26 nos. 3-5 Ja-F '63.

General features of the establishment and development of the Soviet multinational state. I. P. TSamerian. Vop. filos. 16 no. 11-36-48 '62.

Glorious 40 years. N. N. Organov. Sov. gos. i pravo 32 no. 12;3-12 D '62.

Hadiats'kyi, M. [Sources of Muscovite communism] Dzherela moskovs'koho komunizmu. Toronto, Vyd-vo Kyivo-Mohylians'koi Akademii, 1960. 125 p.
(InU)

In Lenin's footsteps Sov. iust. no. 23 1-3 D '62.

Kalinin, M. I. [Talks with the people] Besedy s narodom. Moskva, Izd-vo "Sovetskaia Rossiia," 1960. 360 p.
(NIC)

Kommunisticheskaia partiia Sovetskogo Soiuza. [Program of the Communist Party of the Soviet Union; adopted by the 22d Congress of the CPSU] Programma Kommunisticheskoi partii Sovetskogo Soiuza, priniata XXII s"ezdom KPSS. Moskva, Gospolitizdat, 1962, 306 p.

Lenin, V. I. [On increasing the participation of the masses in the governing of the state] O privlechenii mass k upravleniiu gosudarstvom. Moskva, Gospolitizdat, 1962. 292 p.
(CSt-H)

Markova, R. I. [V. I. Lenin's work "Current objectives of the Soviet government"] O proizvedenii V. I. Lenina "Ocherednye zadachi Sovetskoi vlasti." Moskva, Gospolitizdat, 1962 70 p. (Konsul'tatsii po istorii KPSS)

Nationwide movement in the Ukraine for the establishment of the U.S.S.R. P. P. Bachyns'kyi. Ukr. ist. zhur. 6 no. 6;29-40 N-D '62.

New studies on the history of the Soviet state and Soviet law published in the Union Republics. Sov. gos. i pravo 32 no. 12;150-154 D '62.

The path of further democratization. M Shafir. Sov. iust. no. 11;4-6 Je '62.

Realization of Lenin's ideas. A. Denisov. Sov. deput. trud. no. 12;15-20 D '62.

Soviet historiography of the establishment of the U S S R [with summary in English, p. 206] S. I. IAkubovskaia Vop ist. no. 12-3-17 D '62.

The Transcaucasian Republics in the fraternal family of the peoples of the Soviet Union. A. Z. Begtian. Sov. gos. i pravo 32 no. 12;89-95 D '62.

V. I. Lenin as the organizer of the Union of the Soviet Socialist Republics. B. L. Manelis. Sov. gos. i pravo 32 no. 12;13-25 D '62.

RUSSIA—POLITICS AND GOVERNMENT—BIBLIOGRAPHY

Soviet Constitution Day. Kal. znam. i pam. dat 7 no. 12; 17-22 D '62.

RUSSIA—POPULATION

"Population of the U. S. S. R." by P. G. Pod'iachikh. Book review. Sots. trud 7 no. 11;156-157 N '62.

RUSSIA—POPULATION—STATISTICS

Simultaneous report of rural soviets on the sex and age composition of the rural population. A. Vostrikova. Vest. stat. no. 11;49-51 '62.

RUSSIA—RELATIONS (GENERAL) WITH BULGARIA

Fruits of friendship. Kiril Petkov. Sov. pech. no. 11; 58-59 N '62.

RUSSIA—RELATIONS (GENERAL) WITH COMMUNIST COUNTRIES

Nepomniashchii, A. S. [Friendship that lives forever] Druzhba, kotoroi vechno zhit', [Leningrad] Lenizdat, Vol. 1. 1960. 110 p.
(NNC)

RUSSIA—RELATIONS (GENERAL) WITH CUBA

Everlasting friendship. Mol. mira no. 5/6;14-15 '62.

RUSSIA—RELATIONS (GENERAL) WITH FINLAND

Karhu, Eino. [Finnish literature and Russia, 1600-1[illegible]] Finlandskaia literatura i Rossiia, 1600-1650. Pod red. V. V. Pokhlebkina i L. I. Kiniviarviamena. Tallinn, Eesti Riiklik Kirjastus, 1962. 342 p. [With summaries in Estonian, Finnish, and Swedish]

RUSSIA—RELATIONS (GENERAL) WITH FOREIGN COUNTRIES

Visits, meetings and discussions. Kul't. i zhizn' 6 no. 10-46-47 '62.

RUSSIA—RELATIONS (GENERAL) WITH GHANA

Ghana. Ministry of Information and Broadcasting. [Soviet-Ghana cooperation] Sovetsko-ganskoe sotrudnichestvo. [Moskva, Izd-vo inostr. lit-y, 1961] 16 p.

RUSSIA—RELATIONS (GENERAL) WITH INDIA

My impressions. S. Choudkhuri. Sov. muz. 26 no. 11 126 N '62.

RUSSIA—RELATIONS (GENERAL) WITH NIGERIA

Soviet people are active fighters for peace. Rasul Kuti. Az. i Afr. sot. no. 12-31 D '62.

RUSSIA—RELATIONS (GENERAL) WITH POLAND

The Soviet song resounds. Olga Ilida. Sov. muz 28 no. 10;130 O '62

RUSSIA—RELIGION

"The CPSU and the Soviet state on religion and atheist propaganda." Reviewed by M. Sopin. Voiov. ateist no. 11;89-90 N '62.

For the complete elimination of religious superstitions A. IEryshov. Voiov. ateist no 6;30-34 Je '62

RUSSIA—REVOLUTION OF 1905 see subdivision under Latgale

RUSSIA—REVOLUTION, 1917-1921
(see also subdivision under Abkhazia, Central Industrial region; Kiev Government; Lithuania; Moscow, Siberia, Eastern, Turkestan; Ukraine, Ural Mountain region, Verkhnedneprovsk County, Volga Valley, White Russia)

"The Great October Revolution; collected source materials." Reviewed by A. Mikhailov. Sov. deput. trud no. 11;85-87 N '62

"The Great October Revolution; collected source materials," Reviewed by V. I. Poletaev. Vop ist no. 11;135-137 N '62.

International situation on the eve of the October Revolution [with summary in English, pp. 221-222] A. V. Ignat'ev, A. E. Ioffe. Vop. ist. no. 11-51-[illegible] '62.

Kukushkin, IU. S. [V. I. Lenin as Chairman of the Workers' and Peasants' Defense Council, 1918 1[illegible]] V. I. Lenin predsedatel' Soveta Rabochei i Krest'ianskoi Oborony, 1918-1920 gg. Moskva, Izd-vo "Znanie," 1962, 31 p. (Novoe v zhizni, nauke, tekhnike I Serila: Istorila, no. 23)

A meeting in Kiev on the comprehensive problems of the Great Socialist October Revolution. Kh I Obshchestv. nauki v Uz. 6 no. 10;74-75 '62

"Pravda' in 1917" by B. Zasimovskii, I. Sakonov, Kh. Astrakhan. Reviewed by A. L. Mikhailin. Vop. ist. no. 11;140-141 N '62.

Problems of the history of the Great October Socialist Revolution in the program of the Communist Party of the Soviet Union [with summary in English, p. 21[illegible]] I. I. Mints. Vop. ist. no. 11;9-20 N '62.

Repercussion of the October Revolution in Japan. I. Latyshev. Az. i Afr. sog. no. 11;2-8 N '62.

[The revolutionary movement in Russia on the eve of the October Revolution, October 1-24, 1917] Revoliutsionnoe dvizhenie v Rossii nakanune Oktiabr'skogo vooruzhennogo vosstaniia, 1-24 oktiabria 1917 g. Retsenzii, bibliografiia sbornika: D. A. Chugaev i dr. Moskva, Izd-vo Akad. nauk SSSR, 1962. 577 p. (Velikaia Oktiabr'skaia sotsialisticheskaia revoliutsiia. Dokumenty i materialy)

RUSSIA—REVOLUTION, 1917-1921—BIBLIOGRAPHY

Studying the history of the Great October Revolution [with summary in English, pp. 220-221]. G. N. Golikov. Vop. ist. no. 11;33-53 N '62.

RUSSIA—RURAL CONDITIONS

Gamalunov, M. V. [Development of agriculture and social relations in a village] Razvitie sel'skogo khoziaistva i obshchestvennykh otnoshenii v derevne. Moskva, Ekonomizdat, 1962. 161 p.

RUSSIA—SOCIAL CONDITIONS

"Leningrad to Samarkand" [in English] by M. A. Il'iashenkov. Reviewed by N. Kruglov. Mezhdunar. zhizn' 10 no. 1;157-160 Ja '63.

RUSSIA—STATISTICS

Working capital in the national economy of the U S S R Vest. stat no 11 93-96 '62.

RUSSIA, NORTHERN—ECONOMIC CONDITIONS

In the Far North. A. Shakhov. Kul't. i zhizn' 6 no. 10: 28-31 '62.

RUSSIA, NORTHERN—GUIDEBOOKS

Russia (1923- U. S. S. R.) Glavnoe upravlenie geodezii i kartografii. [A round trip from Moscow via "inland waterway"; a tourist itinerary] Moskovskaia krugosvetka, turistskaia marshrutnaia skhema. Moskva, 1962. 1 v.

RUSSIA, NORTHERN—HARP SEAL

Liberov, D. D. [Preliminary and commercial processing of sea animals in the North, Greenland seal] Pervichnaia i zavodskaia obrabotka morskogo zveria na Severe; grenlandskii tiulen'. [Arkhangel'sk] Arkhangel'skoe knizhnoe izd-vo, 1959. 76 p.
[MICROFILM]

RUSSIA, NORTHERN—INLAND WATER TRANSPORTATION

Russia (1923- U. S. S. R.) Glavnoe upravlenie geodezii i kartografii. [A round trip from Moscow via "inland waterway"; a tourist itinerary] Moskovskaia krugosvetka, turistskaia marshrutnaia skhema. Moskva, 1962 1 v.

RUSSIA, NORTHWESTERN—CARP

Consumption of food by young-of-the-year hybrid carp in ponds of the northwestern U.S.S.R. L. P. Makarova. Trudy sov. ikht. kom. no. 14:41-47 '62.

RUSSIA, NORTHWESTERN—CORN (MAIZE)

Sidorov, F. F. [Growing ear corn for silage in the northwestern zone] Vyrashchivanie kukuruzy s pochatkami na silos v severo-zapadnoi zone. Leningrad, Sel'khozizdat, 1962. 70 p.
(DNAL)

RUSSIA, NORTHWESTERN—PLOWS

Plows for northwestern areas. P. Matisans. Tekh. v sel'khoz. 22 no. 10:36-38 O '62.

RUSSIA, NORTHWESTERN—SOIL CHEMISTRY

Akademiia nauk SSSR. Pochvennyi institut imeni V. V. Dokuchaeva. [Agrochemical characteristics of the soils of the U. S. S. R.; White Russian S. S. R.; Latvian S. S. R., Lithuanian S. S. R., Estonian S. S. R., Karelian A. S. S. R., and the northern regions of the European part of the R. S. F. S. R.] Agrokhimicheskaia kharakteristika pochv SSSR, Belorusskaia SSR, Latvitskaia SSR, Litovskaia SSR, Estonskaia SSR, Karel'skaia ASSR i severnye raiony Evropeiskoi chasti RSFSR. Moskva, Izd-vo Akad. nauk SSSR, 1962. 279 p.

RUSSIA, NORTHWESTERN—STOCK AND STOCKBREEDING

Specialization in animal husbandry in the northwestern zone. A. A. Kostorin Zhivotnovodstvo 24 no 0 3-6 S '62.

RUSSIA, NORTHWESTERN—SWAMPS

Regional conference on geobotanical studies of the swamps in the northwestern U.S.S.R. L. Tabaka. Izv. AN Latv. SSR no. 2:177-178 '61.

RUSSIA, SOUTHERN—BEAN WEEVIL

Don't forget the bean weevil. A. S. Karpov. Zashch. rast. ot vred. i bol. 7 no. 8:16 Ag '62

RUSSIA, SOUTHERN—DESERT FLORA

Vostokova, E. A., A. V. Shavyrina, and S. G. Laricheva. [Handbook on indicator plants for ground waters and soils in southern deserts of the U. S. S. R.] Spravochnik po rasteniiam-indikatoram gruntovykh vod i pochvogruntov dlia iuzhnykh pustyn' SSSR. Pod red. S. V. Viktorova. Moskva, Gosgeoltekhizdat, 1962. 123 p. plates.

RUSSIA, SOUTHERN—ELECTRIC LINES—OVERHEAD

The d. c. power transmission system between Volgograd and the Donets Basin has the priority. E. S. Grois. Izv. NIIPT no. 9:5-28 '62.

RUSSIA, SOUTHERN—ELECTRIC POWER DISTRIBUTION

The d. c. power transmission system between Volgograd and the Donets Basin has the priority. E. S. Grois. Izv. NIIPT no. 9:5-28 '62.

RUSSIA, SOUTHERN—GEOLOGY, STRATIGRAPHIC

Upper boundary of Middle Eocene sediments in Azerbaijan and other provinces in the southern part of the U.S.S.R. D. M. Khalilov. Izv. AN Azerb. SSR. Ser. geol.-geog. nauki i nefti no. 3:33-42 '62.

RUSSIA, SOUTHERN—INDICATOR PLANTS

Vostokova, E. A., A. V. Shavyrina, and S. G. Larichova. [Handbook on indicator plants for ground waters and soils in southern deserts of the U. S. S. R.] Spravochnik po rastenilam-indikatoram gruntovykh vod i pochvogruntov dlia iuzhnykh pustyn' SSSR. Pod red. S. V. Viktorova. Moskva, Gosgeoltekhizdat, 1962. 123 p. plates.

RUSSIA, SOUTHERN—MILDEW

Measures against the downy mildew of sunflowers. A. F. Korshunova Zashch rast ot vred. i bol 5 no 2:20-21 F '60

RUSSIA, SOUTHERN—SUNFLOWERS—DISEASES AND PESTS

Measures against the downy mildew of sunflowers. A. F. Korshunova Zashch rast ot vred i bol 5 no 2:20-21 F '60.

RUSSIA, SOUTHERN—SUSLIKS—EXTERMINATION

Practices in controlling suslika. A. A. Stetsenko, S. G. Kozhevnikov. Zashch rast ot vred. i bol. 7 no. 4: 38-10 Ap '62.

RUSSIAN DRAMA—HISTORY AND CRITICISM

Conclusions of the discussion on current developments in life and in drama. Teatr 23 no. 11:3-12 N '62

"Portraits of playwrights V Bill'-Belotserkovskii, V. Vishnevskii, L. Leonov, A. Arbuzov, N. Pogodin" by K. Rudnitskii. Reviewed by L. Livshits Vop lit 6 no 11 199-203 N '62.

RUSSIAN EMBROIDERY see Embroidery, Russian

RUSSIAN LANGUAGE

Beloded, I. K. [The Russian language as the lingua franca of the community of peoples in the U. S. S. R.] Russkii iazyk - iazyk mezhnatsional'nogo obshcheniia narodov SSSR. Kiev, Izd-vo Akad. nauk USSR, 1962. 33 p.

RUSSIAN LANGUAGE—BIBLIOGRAPHY see Bibliography—Russian language

RUSSIAN LANGUAGE—CHRESTOMATHIES AND READERS

Gubareva, N., and V. Titov. [Russian literature; a textbook-chrestomathy for the 7th grade of the Moldavian school] Russkaia literatura; uchebnik - khrestomatiia dlia VII klassa moldavskoi shkoly. Kishinev, Gos. izd-vo "Kartia moldovenjaske," 1962. 194 p.

RUSSIAN LANGUAGE—COMPOSITION AND EXERCISES see subdivision under Azerbaijan

RUSSIAN LANGUAGE—CONGRESSES

The whole world studies the Russian language. G. Gurkov. Ogonek 40 no. 39 1-2 S '62.

RUSSIAN LANGUAGE—CONVERSATION AND PHRASE BOOKS—POLYGLOT

Inturist. [Your guide] Vash gid. [Moskva, Vneshtorgizdat, [n. d.] 342 p. illus. [In 12 languages]

RUSSIAN LANGUAGE—DICTIONARIES

Akademiia nauk SSSR. Institut russkogo iazyka. [Correct Russian usage, difficult instances of proper word usage in modern Russian] Pravil'nost' russkoi rechi; trudnye sluchai sovremennogo slovoupotrebleniia. Opyt slovaria-spravochnika. Pod red. S. I. Ozhegova. Moskva, Izd-vo Akad. nauk SSSR, 1962. 183 p.

RUSSIAN LANGUAGE—DICTIONARIES—CZECH

Potrov, V. S., and S. A. Tulin, comps. [Russian-Czech polytechnical dictionary] Russko-cheshskii politekhnicheskii slovar'. Moskva, Glav. red. inostrannykh nauchno-tekhn. slovarei Fizmatgiza, 1962. 635 p.

RUSSIAN LANGUAGE—DICTIONARIES—SPANISH

[Russian-Spanish school dictionary. Approximately 9,000 words] Russko-ispanskii uchebnyi slovar'. Okolo 9,000 slov. [By] J. Nogueira, G. Turover. S prilozheniem kratkikh svedenii po morfologii i grammaticheskikh tablits russkogo iazyka sost. A. A. Zaliznjakom. Moskva, Gos. izd-vo inostr. i natsional'nykh slovarei, 1962. 648 p.

RUSSIAN LANGUAGE—DICTIONARIES—VIETNAMESE

[Russian-Vietnamese dictionary] Russko-v'etnamskii slovar. Sost. Nguen Nang An. Okolo 7500 slov. Moskva, Gos. izd-vo inostr. i natsional'nykh slovarei, 1962. 524 p.

RUSSIAN LANGUAGE—FOREIGN WORDS AND PHRASES

Confederation; a dictionary of winged and foreign words. Agitator no. 12:32 Je '62.

RUSSIAN LANGUAGE—GRAMMAR

[Collected exercises in the Russian language] Sbornik uprazhnenii po razvitiiu russkoi rechi; uchebnoe posobie dlia studentov Azerbaidzhanskogo sektora vuzov. Baku, Azuchpedgiz, 1962. 181 p.

How to speak and write correctly? V. A. Dobromyslov. Nauka i zhizn' 29 no. 10:93 O '62.

RUSSIAN LANGUAGE—ORTHOGRAPHY

Algazina, N. N. [Studying the rules for the spelling of the endings of adjectives and participles in the eight-year school] Izuchenie pravil pravopisaniia okonchanii prilagatel'nykh i prichastii v vos'miletnei shkole. Moskva, Gos. uchpedagog. izd-vo M-vo prosveshchenia RSFSR, 1960. 80 p.
(CtY)

RUSSIAN LANGUAGE—STUDY AND TEACHING
(see also subdivision under Azerbaijan)

Gorbushina, L. A. [Testing in the Russian language] Kontrol'nye raboty po russkomu iazyku. Moskva, Uchpedgiz, 1954. 110 p.
(IEN)

Kuz'mina, A. A. [Materials for use in studying Russian in the first grade] Didakticheskii material dlia zaniatii po russkomu iazyku v pervom klasse. Izd. 2. Moskva, Gos. uchebno-pedagog. izd-vo, 1959. 110 p.
(NIC)

[Visual aids for teaching the Russian language to adult students] Naglidnosti pri obuchenii russkomu iazyku vzroslykh uchashchikhsia. Sost. L. L. Fedorenko. Moskva, Uchpedgiz, 1961. 141 p.
(IEN)

RUSSIAN LANGUAGE—STYLE

"From the word to the image" by G. Lenobl'. Reviewed by L. Mikhailova Vop lit. 6 no 11 230-231 N '62.

RUSSIAN LANGUAGE—VERB

Comparative study of the aspect-tense system of verbs in the Russian and Turkic languages. M. G. Seifullin. Dokl. APN 6 no. 1 45-48 '62

RUSSIAN LANGUAGE—VOWELS

Contracted words in poetic language. L. Graudina. Izv. AN Latv SSR no. 2:53-63 '61.

RUSSIAN LANGUAGE—WORD FORMATION

More on the rules of speech. G. Lebedeva. Doshk. vosp. 35 no. 12 69-73 D '62.

RUSSIAN LANGUAGE—WORDS

Biography of words Lev Uspenskii. Nauka i zhizn' 29 no 10 92-93 O '62

In the plural and in the singular .. E. Khanpira Vop. lit. 6 no. 11 192-194 N '62

RUSSIAN LITERATURE—BIBLIOGRAPHY see Bibliography—Russian literature

RUSSIAN LITERATURE—COLLECTIONS

Varavka, V., and V. Kamenshchik, comps. [This concerns all; a collection of stories and sketches] Eto kasaetsia vsekh; sbornik rasskazov i ocherkov. [Sverdlovsk] Sverdlovskoe knizhnoe izd-vo, 1962. 230 p.

RUSSIAN LITERATURE—HISTORY AND CRITICISM

Dobin, E. S. [Hero. Plot. Detail.] Geori. Siuzhet. Detal'. Moskva, Sovetskii pisatel', 1962. 407 p.

Gor'kii, Maksim. [On literature] O literature. Moskva, Goslitizdat, 1961. 611 p.
(PPiU)

Likhachev, D. S. [Textual criticism; based on materials from Russian literature of the 10th to the 17th centuries] Tekstologiia, na materiale russkoi literatury X - XVII vv. Moskva, Izd-vo Akad. nauk SSSR, 1962. 605 p.

RUSSIAN LITERATURE—PERIODICALS

"Filologicheskie nauki", no. 2, 1962. Vop. lit. 6 no. 10 240 O '62.

"Filologicheskie nauki," no 3, 1962. Vop lit. 6 no. 11 239 N '62.

"Izvestiia Akademii nauk SSSR", no. 3, 1962. Vop. lit. 6 no. 10 240 O '62.

"Russkaia literatura," no 2, 1962. Vop lit 6 no 11. 239 N '62

RUSSIAN LITERATURE—STUDY AND TEACHING

Influence of student independent work with literary reading material on improving the teaching of literature in evening (staggered) schools. Report No. 2. Assimilation of the concept of A. M. Gor'kiy's romanticism by tenth-grade students. N. E. Sokolova. Dokl. APN 6 no. 4:49-52 '62.

Studying the interconnection of epic works (novels), lyrics and drama in the senior grades of secondary schools. P. S. Pustovalov. Dokl. APN 6 no. 4:53-56 '62.

RUSSIAN NEWSPAPERS
(see also subdivision under Ivanovo Province)

Distribution of the newspaper "Pravda" in the Donets Basin in 1912-1914. A. M. Maksimov. Vop. ist. no. 11:209-214 N '62.

Lvov, Universytet. [Fifty years of Lenin's "Pravda,"] 50 rokiv lenins'koi "Pravde." [L'viv] 1962, 136 p.

"Pravda" in 1917" by B. Zaslavskii, I. Sozonov, Kh. Astrakhan. Reviewed by A. L. Mishurin. Vop. ist. no. 11:140-141 N '62.

"Pravda" is fifty years old. Neftianik 7 no. 5:1-2 My '62.

Rudnev, D. M. ["Pravda," Lenin's newspaper, from 1912 to 1914 and the workers' movement in Estonia] Leninskaia gazeta "Pravda," 1912-1914 gg. i rabochee dvizhenie v Estonii. Tallinn, Estonskoe gos. izd-vo, 1962. 153 p.
(MH)

Veligura, I. M. ["Donetskii Kotokol," a Bolshevik paper] Bol'shevistskaia gazeta "Donetskii kolokol." Luganak, Luganskoe obl. izd-vo, 1962. 105 p.

RUSSIAN NEWSPAPERS—INDEXES

[Chronicle of newspaper articles] Let. gazet. st. no. 12 '62.

RUSSIAN NEWSPAPERS -- INDEXES (Continued)

["Kolokol," published by A. I. Hertzen and N. P. Ogarev (The Free Russian Press) in 1857-1867, London-Geneva] Kolokol; gazeta A. I. Gertsena i N. P. Ogareva. Vol'naia Russkaia Tipografiia, 1857-1867 London-Zheneva. Faksimil'noe izdanie. Moskva, Izd-vo Akad. nauk SSSR.

No. II. [Index to vols. I-X] Ukazateli k I-X vypuskam. 1962. 192 p.

RUSSIAN PERIODICALS

In literary journals. Sov. profsoiuzy 18 no. 22-14 N '62.

Konkin, S. S. [Philosophic and aesthetic attitude of the periodical "Russkoe slovo" from 1863 to 1866] Filosofsko-esteticheskaia pozitsiia zhurnala Russkoe slovo v 1863-1866 gody. Sterlitamak, Sterlitamakskii gos. pedagog. in-t, 1961. 49 p. (MH)

RUSSIAN PERIODICALS--INDEXES

[Chronicle of periodical articles] Let. zhur. st. nos. 46, 50-52 '62, nos. 1-2 '63. Vspomogatel'nye ukazateli k nos. 27-39 za 1962 god.

RUSSIAN PLATFORM--GEOLOGY

Geology of the basement of the eastern part of the Russian Platform. A. V. Kozlov. Biul. MOIP. Otd. geol. 37 no. 5 172-173 S-O '62.

RUSSIAN PLATFORM--GEOLOGY, STRATIGRAPHIC

Stratigraphic characteristics and correlation of ancient sediments of the mantle of the Russian Platform. A. A. Klevtsova, L. F. Solountsov. Izv. Kazan. fil. AN SSSR. Ser. geol. nauk no. 9, 241-248 '60.

RUSSIAN PLATFORM--GEOLOGY, STRUCTURAL

Tectonics of the northern part of the Central Russian Lowland based on gravity prospecting data. I. S. Nikitina. Geofiz. razved. no. 10:14-48 '62.

RUSSIAN POETRY--HISTORY AND CRITICISM

Aseev, N. N. [Discussion on poetry] Razgovór o poezii. Moskva, Izd-vo "Sovetskaia Rossiia," 1962. 95 p. (Bibliotechka sel'skogo klubnogo rabotnika, no. 8)

Bukshtab, B. IA., ed. [Poets of the 1840's and 1850's] Poety 1840-1850-kh godov. Moskva, Sovetskii pisatel', 1962. 566 p. (Biblioteka poeta. Malaia seriia. 3. izd.)

Humaneness of poetry. S. Rassadin. Vop. lit. 6 no. 11 50-68 N '62.

"Innovators" and "archaists." B. Sarnov. Vop. lit. 6 no. 10:56-74 O '62.

Moral innovation and figurative innovation. I. Grinberg. Vop. lit. 6 no. 10:75-94 O '62.

Paths of contemporary poetry. V. Pertsov. Vop. lit. 6 no. 10:43-55 O '62.

"Poetry of creation" by A. Turkov. Reviewed by A. Mikhailov. Vop. lit. 6 no. 11:196-199 N '62.

RUSSIAN SATELLITES see Communist Countries

RUSSIAN SOCIAL DEMOCRATIC PARTY

(see also subdivision under Donets Basin; Ukraine, Ural Mountain region, White Russia)

[The Bolshevik Party during the new intensification of revolutionary activity, from 1910-1914, documents and materials] Partiia bol'shevikov v gody novogo revoliutsionnogo pod'ema, 1910-1914 gody; dokumenty i materialy. Moskva, Gospolitizdat, 1962. 533 p. (V pomoshch' izuchaiushchim istoriiu KPSS)

Schwartz, S. M. [Menshevism and Bolshevism and their relations with the labor movement] Men'shevizm i bol'shevizm v ikh otnoshenii k massovomu rabochemu dvizheniiu. [New York, Interuniversity Project on the History of the Menshevik Movement, 1962?] 1 v. (CSt-H)

Yolin, S. [Work of Mensheviks among trade unions under the Soviet regime] Deiatel'nost' men'shevikov v profsoiuzakh pri sovetskoi vlasti. New York, 1962. 123 p. (Inter-University Project on the History of the Menshevik Movement. Paper no. 13) (MH)

RUSSIAN STUDIES see subdivision under United States

RUST see Steel Corrosion

[illegible] infesting cereal plants. 47 no. 10:1527-1529 O

RYAZAN--EDUCATION, COOPERATIVE

Prokof'ev, A. S. [The search goes on] Poiski prodolzhaiutsia. [Riazan'] Riazanskoe knizhnoe izd-vo, 1961. 35 p.

RYAZAN--EXCAVATION

Telegin, M. D. [Near the finish of the seven-year plan] U finisha semiletki. [Riazan'] Riazanskoe knizhnoe izd-vo, 1962. 15 p.

RYAZAN--HISTORY

Zubkov, V. I. [The battle on the Vozh] Bitva na Vozhe. [Riazan'] Riazanskoe knizhnoe izd-vo, 1961. 19 p. (MH)

RYAZAN--PETROLEUM REFINERIES

Vologatov, V. E. [They are building a future] Oni stroiat zavtrashnii den'. [Riazan'] Riazanskoe knizhnoe izd-vo, 1960. 31 p.

RYAZAN DISTRICT--POLICE

Lieutenant Bochkov has left the village of L'govo. Sov. deput. trud. no. 11 33 N '62.

RYAZAN PROVINCE--AGRICULTURAL ADMINISTRATION

Good calculation means good management. K. Grishin. Kommunist 39 no. 1:69-77 Ja '63.

RYAZAN PROVINCE--AUXILIARY POLICE

Udaev, L. N. [When twilight has fallen] Kogda opuskaiut-sia sumerki. [Riazan'] Riazanskoe knizhnoe izd-vo, 1961. 76 p.

RYAZAN PROVINCE--COLLECTIVE FARMS

Kuz'min, B. A. ["Rossiia" Collective Farm] Kolkhoz "Rossiia". [Riazan'] Riazanskoe knizhnoe izd-vo, 1959. 99 p. (Istoriia kolkhozov Riazanskoi oblasti) (NNC)

RYAZAN PROVINCE--COMMUNIST PARTY OF THE SOVIET UNION--PARTY WORK

[Wings of the seven-year plan] Kryl'ia semiletki. [Riazan'] Riazanskoe knizhnoe izd-vo, 1960. 67 p.

RYAZAN PROVINCE--INDUSTRIES

[Wings of the seven-year plan] Kryl'ia semiletki. [Riazan'] Riazanskoe knizhnoe izd-vo, 1960. 67 p.

RYAZAN PROVINCE--LIQUEFIED PETROLEUM GAS

Liquified gas in the service of agriculture. V. Zhdanov, V. Petrov. Sel'. stroi. no. 11:9-10 N '62.

RYBINSK RESERVOIR--FISHES--FOOD

Feeding habits of some planktonovorous fishes (the smelt Osmerus eperlanus, the bream Abramis ballerus, the whitefish Coregonus albula) in Rybinsk Reservoir. I. A. Nosova. Trudy Gidrobiol. ob-va 12, 214-234 '62.

RYE

Amino acid composition of rye proteins [with summary in English]. V. F. Golenkov. Trudy VNIIZ no. 38, 201-211 '60.

Dynamics of nitrogen substances in rye seeds during ripening [with summary in English]. E. V. Kolobkova. Trudy VNIIZ no. 38:143-151 '60.

RYE--DISEASES AND PESTS

Primary and secondary infection of rye raised for the production of ergot. V. S. Sinitskii. Bot. zhur. 47 no. 10:1482-1487 O '62.

RYE SMUT see Ergot

RYL'SKYI, MAKSYM, 1895-

Folk poetry traditions in the works of M. Ryl'skyi, 1910-1932. V. H. Boiko. Rad. lit. 6 no. 6:107-116 N-D '62.

RZHEVSK--OIL INDUSTRIES

Socialist competition at the Rzhevsk oil factory. O. L. Zvereva. Masl.-zhir. prom. 28 no. 11:5-6 N '62.

SADKOV, NIKOLAI PAVLOVICH, 1912-

Soldier of the theater. N. Danilov. Teatr 23 no. 11: 157 N '62.

SADOVEANU, MIKHAIL, 1880-1961

Soviet works on Sadoveanu. D. Mikhal'chi. Vop. lit. 6 no. 10:224-228 O '62.

SAFETY APPLIANCES

Important "trifles." B. Abramov. Okhr. truda i sots. strakh. 5 no. 11 35 N '62.

Made in the capital. V. Zasluev, I. Roitberg. Okhr. truda i sots. strakh. 5 no. 11:30-31 N '62.

Two suggestions for safety engineering. S. Penkin. Zhil.-kom. khoz. 12 no. 6:12 Je '62.

SAFETY GOGGLES

Safety goggles. I. L. Brill'. Standartizatsiia 26 no. 12: 40-41 D '62.

SAFETY MEASURES see Electric engineering--Safety measures

SAHARA--PETROLEUM GEOLOGY

Varentsov, M. I., and G. E. Riabukhin. [Shara oil] Neft' Sakhary. Moskva, Izd-vo "Znanie," 1962. 51 p. (Novoe v zhizni, nauke, tekhnike. XII Seriia: Geologiia i geografiia, no. 23)

SAINFOIN--DISEASES AND PESTS see subdivision under Caucasus, Northern

ST. LAWRENCE RIVER--BREAKWATERS

Breakwater with a perforated vertical wall [illegible] skii, G. A. Levikov. Transp. stroi. [illegible] '62.

SAKHALIN--DIATOMS, FOSSIL

New and rare Bacillariophyta from the [illegible] of Sakhalin [with summary in English] [illegible] kova-Poretskaia. Uch. zap. [illegible]

SAKHALIN--FOREST ECOLOGY

Ecological conditions in some types of [illegible] Sakhalin. A. P. Klintsov. Izv. vys. [illegible] zhur. 4 no. 5 32-36 '61.

SAKHALIN--NEMATODA

New species of nematodes of the genus [illegible] Filipjev from the Kurile Islands and [illegible] T. A. Platonova. Issl. dalnevost. [illegible] 216 '62.

SAKHALIN PROVINCE see Sakhalin

SAKSAGAN' VALLEY--IRON ORES

Migration of elements during the formation of [illegible] in the Saksagan' Valley of the Krivoy Rog Basin. IU. P. Mel'nyk. Trudy Inst. geol. nauk AN [illegible] petr., min. ta geokhim. no. 9 (14) [illegible]

SAKSAUL see subdivision under Soviet Central Asia

AL-SALAL, ABDULLAH

Abdullah al-Salal. IU. Ukhananov. Mir [illegible] mezhdunar. otn. no. 12:115-116 D '62.

SALAVAT (BASHKIRIA)--PETROLEUM OIL FIELDS

Saving 1,900,000 rubles. V. Miroshnichev. [illegible] no. 5:22 My '62.

SALICYLAMIDE

Synthesis of N-dichloroiodo derivatives of [illegible] and naphthalamide. G. V. Kulik. [illegible] no. 9 1100-1103 '62.

SALICYLIC ACID

Titrimetric determination of beryllium [illegible] sulfosalicylic acid [with summary in English] [illegible] Kalinchenko, L. L. Kalinichenko. Zhur. anal. [illegible] no. 7:840-843 O '62.

SALINE AND ALKALI SOILS see subdivision [illegible] Ili garchay Valley

SALIVA

Effect of bilateral destruction of the [illegible] and anterior gyrus [sic] of Sylvius [illegible] conditioned salivation in dogs [with summary in English]. V. N. Kovalenko. Zhur. vys. nerv. deiat. [illegible] no. 1 135-144 Ja-F '62.

SALMON see subdivision under Baltic Sea region

SALMONELLA

Interrelations between algae and [illegible] Report No. 3. The effect of Chlorella vulgaris [illegible] Scenedesmus obliquus algae on the survival [illegible] bacteriophages to Salmonella typhimurium [illegible] mary in English]. N. V. Davydova, V. V. [illegible] M. M. Tsitkenko. Biul. eksp. biol. i med. [illegible] 84-87 N '62.

Polysaccharide in complete antigen and [illegible] charide fractions in B Hiraiam and in [illegible] tures regenerated from its filtrates. Re[illegible] Quantitative determination of monosaccharides and polysaccharides by the chromatographic [illegible] summary in English]. I. IA. Zabinskaia, [illegible] zhur. 24 no. 2:18-22 '62.

Sources of Salmonella milk contamination [illegible] farms. I. S. Zagaevskii. Vop. pit. 21 no. 4 [illegible] Jl-Ag '62.

SALMONELLA INFECTIONS

Acute pancreatitis of rare etiology. A. I. [illegible] Vest. khir. 89 no. 9:119-121 S '62.

SALTING OF FOOD

Brining of hides and skins in a worm [illegible] E. Lempert, O. Burova. Mias. ind. [illegible] 23 '62.

SALTS

(see also subdivision under Kara-Bogaz [illegible])

Analysis of salts in nonaqueous solutions [with [illegible] in English]. A. P. Kreshkov, A. N. [illegible] Zel'manova. Zhur. anal. khim. 17 no. 7 [illegible] '62.

SALTYKOV, MIKHAIL EVGRAFOVICH, 1826-1889

"M. E. Saltykov-Shchedrin's novel 'The [illegible]' by K. N. Grigor'ian. Reviewed by S. [illegible] lit. 6 no. 11:217-220 N '62.

SALVADOR--ECONOMIC CONDITIONS

Latin America today: Salvador. Mezhdunar. [illegible] no. 1:176-177 Ja '63.

SALVADOR—POLITICS AND GOVERNMENT

Latin America today: Salvador. Mezhdunar. zhizn' 10 no. 1:176-177 Ja '63.

SAMARKAND—FLIES—EXTERMINATION

Seasonal changes in the sensitivity to DDT in some species of synanthropic flies of Samarkand [with summary in English]. V. I. Sychevskaia. Zool. zhur. 41 no. 10:1509-1515 O '62.

SAMARKAND—TERRA COTTAS

Three terracottas from Afrasiab. M. Pachos. Obshchestv nauki v Uz. 6 no. 10 67-68 '62.

SAMARKAND PROVINCE—COLLECTIVE FARMS—INTERFARM COOPERATION

Intercollective farm production cooperation is strengthening and expanding. Kh. Miftakhov. Nar. khoz Uzb. 4 no. 9:57-61 S '62.

SAMARKAND PROVINCE—POPULATION

Kovalev, S. A. [Geography of the rural population and rural settlements in Samarkand and Bukhara Provinces] Geografiia sel'skogo naseleniia i sel'skikh naselennykh punktov Samarkandskoi i Bukharskoi oblastei. Tashkent, Izd-vo Akad. nauk UzSSR, 1962. 102 p. (DEC)

SAMBUK, FEODOSII VIKTOROVICH, 1900-1942

In memory of Feodosii Viktorovich Sambuk. B. A. Tikhomirov. Bot. zhur. 47 no. 10:1542-1549 O '62.

SAMUR VALLEY—ROCKS, IGNEOUS

Outline of the geology and petrography of igneous rocks in the upper Samur Valley in Dagestan. G. G. Bunin. Trudy Geol. inst. Dag. fil. AN SSSR 2 176-203 '60.

SAMUR VALLEY—SPHEROSIDERITE

Study of spherosiderites as weighting material of clay muds. K. S. Magatsev, V. D. Patrusheva, V. P. Komarov. Trudy Geol. inst. Dag. fil. AN SSSR 2 204-212 '60.

SAN JOSÉ SCALE

It is possible to exterminate the San José scale. V. V. Smoliannikov. Zashch. rast. ot vred. i bol. 7 no. 6: 38-39 Je '62.

SAN JOSE SCALE—BIOLOGICAL CONTROL see subdivision under Krasnodar Territory

SANATORIUMS see subdivision under Moscow

SAND

(see also subdivision under Kyzyl Kum)

Measuring the lateral pressure of fine sand on an enclosing element. E. I. Medkov. Osn., fund. i mekh. grun. 4 no. 5:22-23 '62.

Possibilities for the utilization of hydrophobic sand treated with wood tar. G. Beliakov, N. Ermusa, A. Kalnins. Izv. AN Latv. SSR no. 3:85-90 '61.

SAND—TRANSPORTATION

Pneumatic laboratory device for handling sand. O. A. Ambarian, L. V. Mazurenko. Osn., fund. i mekh. grun. 4 no. 5:21 '62.

SAND, FOUNDRY

(see also subdivision under Surami Range)

Technology of molding steel castings in a sodium silicate mixture. N. I. Averbukh. Lit. proizv. no. 11:7-9 N '62.

SANDPIPERS—PARASITES see Parasites—Sandpipers

SANDWICH CONSTRUCTION

Stability of a sandwich cylindrical panel with a rigid filler subjected to longitudinal compression. T. N. Vnukova. Izv. AN SSSR. Otd. tekh. nauk. Mekh. i mashinostr. no. 6:161-162 N-D '62.

SANGILEN RIDGE—GEOLOGY, STRATIGRAPHIC

Boundary of the Cambrian and Pre-Cambrian of the Sangilen Highland (southeastern Tuva). A. D. Smirnov, E. N. Altukhov. Biul. MOIP. Otd. geol. 37 no. 5:167-168 S-O '62.

SANITARY ENGINEERING

For further improvement of prefabricated building! S. Dubrovkin, I. Lebedev. Stroi. i arkhit. Mosk. 11 no. 10:24-27 O '62.

Main objectives of planning and assembly organizations in the field of sanitary engineering. Vod. i san. tekh. no. 11:1-2 N '62.

SANITARY ENGINEERING—BIBLIOGRAPHY see Bibliography—Sanitary engineering

SANITARY ENGINEERING—EQUIPMENT AND SUPPLIES

New works of the Institute. Vod. i san. tekh. no. 11: 38 N '62.

The quality of manufactured sanitary engineering equipment. Vod. i san. tekh. no. 11:32 N '62.

SANITARY ENGINEERING—TECHNOLOGICAL INNOVATIONS

Effective form of technological information. Vod. i san. tekh. no. 11:37 N '62.

SAPONINS

Treatment with the sum of saponins from Dioscorea caucasina and blue valerian in cerebral atherosclerosis with mental disorders. V. V. Gromova. Trudy Gos. nauch.-issl. inst. psikh. 25:327-334 '61.

SAPONINS—PHYSIOLOGICAL EFFECT

Effect of some saponins on the secretory and enzyme function of the gastric glands in dogs. M. A. Aripov. Med. zhur. Uzb. no. 3 32-34 Mr '62.

SAPUNOV, NIKOLAI, 1880-1912

Nikolai Sapunov. L. Rozental'. Iskusstvo 25 no. 10:62-68 '62.

SARATOV—GAS APPLIANCES

Our work, our responsibility. S. Timchenko. Zhil.-kom. khoz. 12 no. 6:14 Je '62.

SARATOV—THEATER

Cleopatra's jewels. Teatr 23 no. 11:156-159 N '62.

Group artist. IU. Melashev. Teatr 23 no. 11 58-62 N '62.

SARATOV PROVINCE—AGRICULTURE

The struggle for better utilization of the soil. V. Chernykh. Agitator no. 12:41-44 Je '63.

SARATOV PROVINCE—INSURANCE, SOCIAL

It is a paper screen.... V. Turov. Sov. profsoiuzy 18 no. 22:21-22 N '62.

SARATOV PROVINCE—OIL SANDS

Middle Devonian Riphean massifs in the Volga Valley portion of Saratov Province. K. A. Mashkovich, L. A. Vavaeva. Geol. nefti i gaza 6 no. 10-47-50 O '62.

SARATOV PROVINCE—PRINTING INDUSTRY

A good example. I. IA. Ponomarev. Poligr. proizv. no. 12:19-20 D '62.

SARATOV PROVINCE—STATE FARMS—MANAGEMENT

Results and plans. Part. zhizn' no. 24:31-34 D '62.

SARATOV PROVINCE—TRADE UNIONS

It is a paper screen.... V. Turov. Sov. profsoiuzy 18 no. 22 21-22 N '62.

SARCOLYSINE

Synthesis of certain di- and tripeptides containing a sarcolysine radical. O. F. Ginsburg, K. IU. Martianovskaia. Izv. vys. uch. zav.; khim. i khim. tekh. 5 no. 4:604-607 '62.

SARTRE, JEAN PAUL, 1905-

Jean Paul Sartre on Soviet culture. Vop. lit. 6 no. 10: 160-163 O '62.

SARYDASH-CHAY VALLEY—FORAMINIFERA, FOSSIL

Stratigraphy of Cenomanian-Coniacian sediments in the Astrakhanka region of Azerbaijan. A. A. Geodakchan. Uch. zap. AGU. Geol. geog. ser. no. 1:71-75 '59.

SATELLITES, ARTIFICIAL see Artificial satellites

SATIRE

Innovational characteristics of Soviet satire. B. M. Minchyn. Rad. lit. 6 no. 6:3-17 N-D '62.

Your happy eyes (to be continued). IUkhim Morlich. Sov. Ukr. 12 no. 10:160-176 O '62.

SATIRE, SERBIAN

Bogdanov, M. B. [Serbian satiric prose at the end of the 19th and beginning of the 20th century and some problems of satiric theory] Serbskaia satiricheskaia proza kontsa XIX veka - nachala XX veka i nekotorye *voprosy teorii satiry*. Moskva, Izd-vo Akad. nauk SSSR, 1962. 149 p.

SAUSAGES

Consultation. N. Dologolovala. Miasn. ind. SSSR 33 no. 5 60-61 '62.

SAUSAGES—MICROBIOLOGY

Data for the standardization of the indices of bacterial contamination of boiled sausage products. V. M. Zorin, A. N. Zabolotskaia. Vop. pit. 21 no. 4:85-86 Jl-Ag '62.

SAVCHENKO, IVAN IRYHOROVYCH, 1862-1932

In memory of an outstanding scientist, Professor I. H. Savchenko. M. K. Dal'. Mikrobiol. zhur. 24 no. 2: 68-69 '62.

SAVINGS BANKS

For communist labor; survey of correspondence and letters received by the editors. Fin. SSSR 23 no. 11: 80-83 N '62.

SAVINGS BANKS—ACCOUNTING

"Accounting in savings banks" by V. Kruglov. Reviewed by A. Tsapilov. Bukhg. uchet 18 no. 11:76 N '62.

SAW FILING

New mechanism for saw travel in the sharpener. A. A. Malkov. Der. prom. 11 no. 11:24-25 N '62.

SAWFLIES see subdivision under Karelia, Siberia, Western

SAWMILLS

Using the equipment in continuous sawmilling lines. I. V. Antipin. Izv. vys. ucheb. zav., les. zhur. 4 no. 5: 105-112 '61.

SAWS

Khimki. TSentral'nyi nauchno-issledovatel'skii institut mekhanizatsii i energetiki lesnoi promyshlennosti. [Album of drawings of repair dimensions and additional parts (attachments) for the "Druzhba-60" gasoline engine saw] Al'bom chertezhei detalei remontnykh razmerov i dopolnitel'nykh detalei (nasadkov) benzinomotornoi pily "Druzhba-60." Moskva, Goslesbumizdat, 1962. 14 p. (Tipovaia tekhnologiia remonta lesozagotovitel'nykh mashin i mekhanizmov)

Some problems in sawing wood particle boards. S. P. Bukina. Izv. vys. ucheb. zav., les. zhur. 4 no. 5 128-132 '61.

Wear of swaged and set teeth of gang saws. P. M. Berovikov. Izv. vys. ucheb. zav., les. zhur. 4 no. 5: 113-116 '61.

SAWS—TESTING

New method of determining the regularities of log displacement in the saw frame. V. F. Frankh, E. F. Dmitruk. Der. prom. 11 no. 11:14-15 N '62.

SAYAN MOUNTAINS—ORE DEPOSITS

Heterogeneity of quartz-carbonaceous rocks of listvenite habit and their association with mercury ores [with summary in English]. V. A. Kuznetsov, A. A. Tychinskii, I. P. Shcherbani'. Geol. i geofiz. no. 10: 132-146 '62.

SAYAN MOUNTAINS—ROCKS, IGNEOUS

Impurity elements in accessory magnetite as criteria for the genetic separation of granitoids of the Altai-Sayan region. V. A. Vakhrushev. Dokl. AN SSSR 147 no. 3:707-709 N '62.

SCAFFOLDING

Strengthened suspended scaffolding with mechanized hoisting. A. K. Duma, A. S. Mashkov, V. P. Kovalev. Prom. stroi. 40 no. 12:37-39 '62.

SCALE INSECTS—EXTERMINATION see subdivision under Uzbekistan

SCALES (WEIGHING INSTRUMENTS)

Locomotive scales using magnetoresilient transducers. B. F. Tarasov, E. M. Karasev. Trudy TSNIIT no. 175: 138-146 '61.

SCANDIUM—ANALYSIS

Use of chlorophosphonazo III for the photometric determination of titanium, zirconium, thorium, and scandium [with summary in English]. V. I. Fadeeva, L. P. Alimarin. Zhur. anal. khim. 17 no. 8:1020-1023 N '62.

SCATTERING (PHYSICS)

Analytical properties of partial scattering amplitudes of charged particles. Part 2. Arbitrary l [with summary in English]. IU. L. Mentkovs'kyi. Ukr. fiz. zhur. 7 no. 9:960-966 S '62.

Anomalous scattering as a case of scattering by a system of particles. A. V. Shatilov. Opt. i spekt. 13 no. 5: 728-733 N '62.

Experimental study of the atomic scattering factor of nickel [with summary in English]. N. F. Kravisova, V. P. Tsvietkov. Ukr. fiz. zhur. 7 no. 12:1355-1362 D '62.

A formfactor satisfying the unitarity condition [with summary in English]. M. S. Marinov. Zhur. eksp. i teor. fiz. 43 no. 5:1769-1770 N '62.

Phonon scattering on impurity ions of Ag, Br, K, Li, I, Rb in sodium chloride crystals. P. D. Deviatkova, M. I. Kornfel'd, I. A. Smirnov. Fiz. tver. tela 4 no. 12:3669-3670 D '62.

Scattering power of molecules in the liquid state in Raman scattering of light [with summary in English]. I. L. Babich, I. I. Kondilenko, V. L. Strizhevskii. Ukr. fiz. zhur. 7 no. 7:742-747 Jl '62.

Separation of variables in the problem of scattering on a body of arbitrary shape. R. G. Barantsev. Dokl. AN SSSR 147 no. 3:569-570 N '62.

Shirkov, D. V. [Dispersion theories of low-energy scattering (TF-2)] Dispersionnye teorii nizkoenergeticheskogo rasseianiia (TF-2). Novosibirsk, Akad. nauk SSSR, In-t matem. s Vychislitel'nym tsentrom, 1961. 10 p.

SCHILLER, JOHANN CHRISTOPH FRIEDRICH VON, 1759-1805

Chechel'nitskaia, G. [Friedrich Schiller, 1759-1805] Fridrikh Shiller, 1759-1805. Leningrad, Iskusstvo, 1959. 195 p. (Klassiki zarubezhnoi dramaturgii) (DEN)

SCHISTS see subdivision under Chegem Valley, Kuban Valley

SCHIZOPHRENIA

Activity of some enzymes in schizophrenic patients [with summary in French]. L. A. Khaimovich. Zhur. nevr. i psikh. 62 no. 8:1205-1210 Ag '62.

SCHIZOPHRENIA (Continued)

Basic trends in present-day research in the field of the pathogenesis of schizophrenia, from data in the foreign literature. M. E. Vartanian. Zhur. nevr. i psikh. 62 no. 8:1236-1253 Ag '62.

Characteristics of remissions and the restoration of work capacity in paranoid schizophrenia treated with aminazine [with summary in French] L. M. Figazina. Zhur. nevr. i psikh. 62 no. 8 1219-1224 Ag '62

Comparative characteristics of a disorder in the dynamics of thinking in initial arteriosclerosis of the vessels of the brain and schizophrenia. IU. F. Poliakov. Trudy Gos. nauch.-issl. inst. psikh. 25 264-277 '61.

Comparative characteristics of subject and verbal classification as methods for studying thinking in vascular and other mental diseases. T. I. Tepenitsyna. Trudy Gos. nauch.-issl. inst. psikh. 25:726-732 '61

Disorders of phenylalanine metabolism in the "nuclear" group of schizophrenia [with summary in French] I. A. Polishchuk. Zhur. nevr. i psikh. 62 no. 8 1192-1204 Ag '62.

SCHOLASTICISM

"Gnostiological realism" of the Thomists [with summary in English, p. 186]. Tadeusz M. Jaroszewski. Vop. filos. 16 no. 11:115-126 '62

SCHOOL ATTENDANCE see subdivision under Akusha District

SCHOOL MANAGEMENT AND ORGANIZATION see subdivision under Ukraine

SCHOOL MUSIC—INSTRUCTION AND STUDY see subdivision under Ukraine

SCHOOL SUPERINTENDENTS AND PRINCIPALS see subdivision under Orenburg Province

SCHOOLCHILDREN

Dynamics of the development of differentials in the motor analyser of school children (8-17 years of age) M. L. Semenov. Teor. i prak. fiz. kul't. 25 no. 9:23-27 S '62

SCHOOL DISCIPLINE

Pedagogical tact. Prof.-tekh. obr. 19 no. 7:27 Jl '62.

SCHOOL EXCURSIONS

Fall excursion to a forest. I. G. Gavrilov. Biol. v shkole no. 4 38-42 Jl-Ag '62.

SCHOOL GARDENS

Fall excursion to a school lot. E. V. Mukoseeva. Biol. v shkole no. 4:51-54 Jl-Ag '62.

SCHOOL GROUNDS

How to build a school area. V. N. Borovyk, N. IA. Borovyk. Rad. shk. 41 no. 9:86-88 S '62.

SCHOOL SUPERINTENDENTS AND PRINCIPALS

School principal is elected by a collective. K. Minin. Sov. profsoiuzy 18 no. 22:19-20 N '62.

SCHOOL SUPERVISION

Methodological mastery of a pedagogue. V. Marfenko. Prof.-tekh. obr. 19 no. 8:5-6 Ag '62.

SCHOOLS—FURNITURE, EQUIPMENT, ETC.

Aesthetics of a school workshop. V. Rotnitskii, N. IAkovlev. Prof.-tekh. obr. 19 no. 7 11 Jl '62.

SCIATIC NERVE

Development and course of tuberculosis of the knee joint in case of a transected sciatic nerve in an experiment. T. D. Gabibli. Izv. AN Azerb. SSR, Ser. biol. i med. nauk no. 4:121-126 '62

SCIENCE

The flow of time. A. Narkevich. Tekh. mol. 30 no. 10 38 '62

News around the world. Tekh. mol. 30 no. 10:26-27 '62.

The role of popular scientific works in the system of atheistic education. IU. V. Krianev. Vop. filos. 16 no. 11 158-162 '62.

What science plants the people will reap. A. Azizian. Sov. pech. no. 11:26-30 N '62.

SCIENCE—BIBLIOGRAPHY see Bibliography—Science

SCIENCE—CONGRESSES

Ob"edinennaia nauchnaia konferentsiia [illegible] Samarkandskogo ... the Joint Samarkand ... Sciences] ... nykh nauk [Glav. red. A. T. Tulaganov] Samarkand, Izd-vo Samarkandskogo univ., 1961. 356 p. [In Russian and Uzbek]
(MIU)

Tenth International Congress on the History of Science. A. T. Grigor'ian. Vest. AN SSSR 32 no. 12:86-87 D '62.

SCIENCE—PERIODICALS

With our colleagues. Nauka i zhizn' 29 no. 10:89-90 O '62.

SCIENCE—PHILOSOPHY

A. I. Hertzen and natural science. A. D. Sukhov. Biol. v shkole no. 4 86-88 Jl-Ag '62.

The logic scientific investigation. M. N. Alekseev. Vop. filos. 16 no. 11 76-85 '62

More and closer contacts between philosophy and natural sciences. IU. P. Ozhegov, R. G. IAnovskii. Vop. filos. 16 no. 12:153-155 '62

Philosophical problems concerning the transformation of nature [with summary in English, p. 185]. G. F. Hilmi. Vop. filos. 16 no. 12 57-62 '62

SCIENCE—POPULARIZATION see Science news

SCIENCE AND CIVILIZATION

"Science and social development" by M. M. Karpov. Reviewed by I. T. IAkushevskii. Vop. filos. 16 no. 12:174-175 '62.

SCIENCE FICTION

In the struggle with time. R. Kologrivov. Znan.-sila 37 no. 9 42-43 S '62

SCIENCE NEWS

Multicolored world. Vokrug sveta no. 10:52-53 O '62.

News, events, facts. Priroda 51 no. 12:99-109 D '62.

Problems, discoveries and facts. Ogonek 40 no. 40:25 S '62.

Revolution in natural science goes on! B. M. Kedrov. Kul't. i zhizn' 6 no. 10:23-27 '62.

SCIENTISTS

"Devotees and martyrs of science" by V. V. Lunkevych. Reviewed by D. Krasnov. Voiov. ateist no. 8:63-64 S '62.

SCLERODERMA

Cardiac lesion in systemic and focal scleroderma [with summary in English]. V. G. Chistiakova, T. P. Vasil'eva, G. IA. Vysotskii. Terap. arkh. no. 8:78-86 '62.

External respiration in sclerodermic pneumosclerosis [with summary in English] V. A. Nasonova, N. G. Guseva, L. G. Poliauskaia. Terap. arkh. no. 8 86-91 '62.

SCOTCH PINE—WATER REQUIREMENTS see subdivision under Erivan

SCRAP METALS

Hydro-blasting for the breaking-up of discarded ingot molds. A. Lekhtik. Metallurg 7 no. 12:17 D '62.

Mechanism of scrap metal melting and determination of the moment of the end of its melt down by indirect indications. V. I. Akinfeev. Izv. vys. ucheb. zav., chern. met. 5 no. 11:42-47 '62.

Using briquetted cast iron chips. N. V. Ankudinov, A. T. Shipulin. Lit. proizv. no. 11:35-37 N '62.

SCREENS (MINING)

Turning screen for screening high-alumina powders. L. G. Semenov, N. I. Pereiaslov. Stek. i ker. 19 no. 11:36-37 N '62.

SCREW CUTTING

Burmistrov, E. V., I. F. Liaskovskii, and V. A. Makhov. [External and internal thread cutting in heat-resistant and high-strength materials] Narezanie naruzhnoi i vnutrennei rez'by po zharoprochnym i vysokoprochnym materialam. Pod red. N. I. Reznikova. [Kuibyshev] Kuibyshevskoe knizhnoe izd-vo, 1962. 57 p.
[MICROFILM]

SCREW-CUTTING MACHINES

Increasing the precision of thread-cutting lathes. IU. N. Chadaev. Mashinostroitel' no. 11:14-16 N '62.

SCREWDRIVERS

Portable screwdriver. A. Shcheslavskii. Avt. transp. 40 no. 11:22-23 N '62.

SCREWS

Securing the screwing of zinc plated parts by thread gauges. M. I. Malakhov. Izm. tekh. no. 12:11 D '62.

SCROTUM—SURGERY

Late results of plastic surgery of a scalping wound of the penis and scrotum. IU. M. Prokhorov. Urologiia no. 5:63-64 '62.

SCRUBBER (CHEMICAL TECHNOLOGY)

Effect of foam-forming substances on scrubber hydrodynamics. D. Elenkov, N. Kolev. Khim. prom. no. 10:761-764 O '62.

SCULPTURE

Reveal that which is new! E. Neizvestnyi. Iskusstvo 25 no. 10:9-11 '62.

SCULPTURE, GREEK see subdivision under Panticapaeum

SCYTHIANS

The social structure of Scythina society. G. A. Koshelenko. Vop. ist. no. 12:181-183 D '62.

SEA ICE see subdivision under Caspian Sea

SEA WATER—OPTICAL PROPERTIES

Degree of polarization of the natural light in the sea. V. A. Timofeeva. Dokl. AN SSSR 147 no. 3:604-607 N '62.

SEAFARING LIFE

Sea calls the youth. Andrei Egorshin. Vokrug sveta no. 10, 1-5 O '62.

SEALING (TECHNOLOGY)

Hermetic sealing of caps. A. I. Novozhilov. Mashinostroitel' no. 11:13 N '62.

SEAMANSHIP—COLD WEATHER CONDITIONS

Rules for icebreaker-led ships through ice. P. Vasiliev skii. Mor. flot 22 no. 11:15-16 N '62

SEASIDE RESORTS see subdivision under Crimea

SECONDARY EDUCATION see Education, Secondary

SECONDARY ELECTRON EMISSION

Effect of the backing material on the secondary emission from MgO films. V. I. Borisov. Fiz. tver. tela 4 no. 10:2738-2740 O '62.

Possibility of determining the effective depth of the yield of secondary electrons in the ion-electron emission from dielectrics. L. P. Moroz, A. Kh. Aiukhanov. Izv. AN SSSR. Ser. fiz. 26 no. 11:1322-1327 N '62.

Secondary emission from dielectrics and semiconductors under bombardment with potassium ions. I. A. Abrolan, V. P. Lavrov. Fiz. tver. tela 4 no. 11:3254-3259 N '62.

Secondary emission from metals induced by positive ions. N. N. Petrov. Izv. AN SSSR. Ser. fiz. 26 no. 11:1327-1332 N '62.

SECTS

(see also subdivision under Ukraine)

Garkavenko, F. I. [Sects; their faith and works] Sektanty, ikh vera i dela. Kiev, Gos. izd-vo polit. lit-ry USSR, 1960. 118 p.
(WU)

SEDIMENTS (GEOLOGY) see subdivision under Siberian Platform

SEED ADULTERATION AND INSPECTION

Work of the institute on quality and varietal control of fiber flax seeds. E. I. Abramova. Trudy VNIIL no. 6 147-161 '55

SEED PRODUCTION

(see also subdivision under Czechoslovakia, Krasnodar Territory; Moscow Province; Volkhovstavdinskiy District)

Additional artificial pollination of red clover [with summary in English] N. S. Razin. Trudy VNIIL no. 5:67-97 '56.

Calculating the fruiting of pine plantations in White Russia using the biological method. IU. N. Azniev. Sbor. nauch. trud. BLTI no. 11:56-63 '56

Effect of harvesting dates on the germination and viability of sorgo seeds. V. I. Taranenko. Vismyk sil'hosp. nauky 5 no. 11:50-53 N '62.

Effect of soil moisture on the physiological maturation of tobacco seeds. V. I. Chikovskii, A. L. Gonchar. Shor. nauch.-issl. lab. VITIM no. 152:40-59 '61.

Leading role of seed production in the protection of cereals against diseases. M. S. Dunin. Zashch. rast. ot vred. i bol. 6 no. 8:32-35 Ag '61.

Quality of cucumber seeds as related to the location of the fruit on the plant [with summary in English]. K. I. TSytovich. Trudy po prikl. bot., gen. i sel. 34 no. 2:131-137 '61

Red clover breeding and seed production. N. S. Razin, Z. I. Stepanova. Trudy VNIIL no. 4:59-72 '55

Seed production of greenhouse tomato varieties as related to the conditions of growing [with summary in English]. V. IA. Volkov. Trudy po prikl. bot., gen. i sel. 31 no. 2:154-155 '61.

Variation of seed production in different tomato varieties [with summary in English]. G. V. Boos. Trudy po prikl. bot., gen. i sel. 34 no. 2:75-80 '61.

SEEDS

Effect of gamma radiation on some properties of pulse crop seeds [with summary in English]. I. F. Kriuk, S. V. Markevich. Trudy VNIIZ no. 38 105-121 '60.

Effect of the conditions of space flight on the seeds of Allium fistulosum and Nigella damascena [with summary in English]. B. N. Sidorov, N. N. Sokolov. Probl. kosm. biol. 1:248-261 '62.

Physiological processes of seed ripening and germination in the small-leaved linden. A. I. Sauchanka. Vestsi AN BSSR, Ser. biial., nav. no. 3:32-36 '62.

Physiology and biochemistry of the development of seeds in forage beans [with summary in English]. S. Grzesiuk, T. Mierzwinska, E. Sojka. Fiziol. rast. 9 no. 6:602-602 '62.

Zaborovskii, E. P. [Fruits and seeds of tree and shrub species] Plody i semena drevesnykh i kustarnikovykh porod. Moskva, Goslesbumizdat, 1962. 302 p.
(DNAL)

SEEDS—DISINFECTION

(see also subdivision under Altai Territory)

Chemical method of controlling the quality of seed disinfection. A. I. Kulikov, S. I. Poliakova. Zashch. rast. ot vred. i bol. 7 no. 8:46-47 Ag '62.

SEEDS — DISINFECTION (Continued)

Effect of dry disinfectants on germination in pines. G. V. Stadnitskii. Zashch. rast. ot vred. i bol. 7 no 4 57 Ap '62.

Effectiveness of disinfecting seed corn with tetramethylthiuram-disulfide. T. I. Doidaeva. Zashch. rast. ot vred. i bol. 6 no. 8:28 Ag '61.

PZ-10 grain disinfector. E. I Bonch, I IA. Ostashevskii Zashch. rast. ot vred. i bol. 7 no. 4:23-24 Ap '62.

Loose smut of barley in Kharkov Province. V. N. Ponirovskii. Zashch. rast. ot vred. i bol. 7 no. 2 25-26 F '62.

Seed disinfector with an electromagnetic batcher for poisonous chemicals. S. P. Skripkin Zashch. rast. ot vred. i bol. 6 no. 8.13-15 Ag '61.

Simultaneous treatment of seeds with phosphorobacterin and disinfection with granosan M T Kvaratskhelia Zemledelie 24 no 7 53-55 Jl '62

Slurry disinfection of seeds. K IA. Kalashnikov Zashch rast. ot vred i bol 7 no 8 24-25 Ag '62

SEEDS—INSPECTION see Seed adulteration and inspection

SEEDTIME see Planting time

SEIFULLINA, LIDIIA NIKOLAEVNA, 1889-1954

Writer and librarian. P. Voitik. Bibliotekar' no. 12: 49-50 D '62.

SEIGNETTOELECTRIC SUBSTANCES see Ferroelectric substances

SEISMIC PROSPECTING

(see also subdivision under West Siberian Plain)

Angle and length gauge for plotting seismic cross sections. P. P. Kozlenko. Trudy SNIIGGIMS no. 10'70-73 '60.

Ekhanin, E. V., V. P. Zhdanova, and I. A. Mitalev. [Methods for the quantitative study of the tectogenesis of platform structures of the 3d order based on seismic prospecting data] Metod kolichestvennogo izucheniia tektogeneza platformennykh struktur III poriadka po materialam seismorazvedki Red. D. F. Umantsev. Novosibirsk, Sibirskii nauchno-issl. in-t geol. geofiziki i mineral'nogo syr'ia, 1961. 29 p

Karus, E. V., and V. I. Kozlis-Borok, eds. [Problems in seismic prospecting. Translated from the English and French] Problemy seismicheskoi razvedki; sbornik statei. Moskva, Gostoptekhizdat, 1962. 225 p.

Riabinkin, L. A., and others. [Theory and practice of the controlled directional sensitivity method] Teoriia i praktika seismicheskogo metoda RNP. Moskva, Gos. nauchno-tekhn. izd-vo neft. i gorno-toplivnoi lit-ry, 1962. 293 p. (Moscow. Institut neftekhimicheskoi i gazovoi promyshlennosti. Trudy, no. 39)

Russia (1923- U.S.S.R.) Ministerstvo geologii i okhrany nedr. [Instructions for seismic prospecting] Instruktsiia po seismorazvedke. Moskva, Gosgeoltekhizdat, 1962. 95 p.

SEISMOLOGY

Determining epicentral zones of earthquake on the bases of geological evidence. V. P. Solonenko. Izv. AN SSSR, Ser. geol. 27 no. 11:58-74 N '62.

SEISMOLOGY—OBSERVATIONS

[Bulletin of the "Apatity" Seismic Station] Biul. seism. sta. "Apatity" no. 11 '62.

SELENIDES

Relative reaction rates of some selenides and elementary selenium with sulfuric acid. L. S. Getskin, V. V. IAtsuk. Zhur. prikl. khim. 35 no. 11:2546-2549 N '62.

SELENIUM

Isoopacity of amorphous selenium films containing sulphur. V. M. Fridkin, IU. N. Barulin. Fiz. tver tela 4 no. 10:2978-2979 O '62.

Relative reaction rates of some selenides and elementary selenium with sulfuric acid. L. S. Getskin, V. V. IAtsuk. Zhur. prikl. khim. 35 no. 11:2546-2549 N '62.

SELENIUM—ELECTRIC PROPERTIES

Soveshchanie po poverkhnostnym svoistvam poluprovodnikov, Moscow, 1961. [Surface characteristics of semiconductors] Poverkhnostnye svoistva poluprovodnikov. Moskva, Izd-vo Akad. nauk SSSR, 1962. 231 p.

SELENIUM OXIDE

Absorption of arsenous and selenous anhydrides in roast gas scrubbing by sulfuric acid. E. V. IAshko. Khim. prom. no. 10:740-742 O '62.

SELENOLOGY see Moon

SELIBER, GRIGORII L'VOVICH, 1877-1962

Grigorii L'vovich Seliber, 1877-1962. Mikrobiologiia 31 no. 3:574-575 My-Je '62.

SEL'TSOVSKII, PETR LAZAREVICH, 1890-1961

Petr Lazarevich Sel'tsovskii; on the anniversary of his death. Khirurgiia 38 no. 10:145-146 O '62.

SEMANTICS (PHILOSOPHY)

Gnosiological principles of general semantics [with summary in English]. L. O. Reznikov. Vest. LGU 17 no. 23-57-69 '62.

SEMEN

International exchange of the semen of best breeding bulls. V K. Milovanov Zhivotnovodstvo 24 no. 9: 90-91 S '62

SEMICONDUCTOR DEVICES see Transistors

SEMICONDUCTORS

Current fluctuations in semiconductors near the non-equilibrium steady state [with summary in English]. V. L. Gurevich. Zhur. eksp. i teor. fiz. 43 no. 5:1771-1781 N '62.

Determining the activation energy of the different levels of impurity centers and structural defects in semiconductors. N. A. Vitovskii, T. V. Mashovets, S. M. Ryvkin. Fiz. tver. tela 4 no. 10:2849-2853 O '62.

Effect of the mutual entrainment of electrons and phonons on the thermo-emf and the Nernst effect. A. L. Natadze, A. L. Efros. Fiz. tver. tela 4 no. 10:2931-2939 O '62.

Effect of trapping levels on the kinetics of extrinsic photoconductivity of semiconductors. E. N. Arkad'eva Fiz. tver. tela 4 no. 11:3048-3053 N '62.

Electrode asymmetry effect and its use in transistor technology. I. K. Konchits. Elektrichestvo no. 10: 84-85 O '62.

Equipment for the rapid determination of the temperature dependence of the thermo-e.m.f. in semiconductors in a broad temperature range [with summary in English]. A. I. Shelykh, V. Z. Ghukanov. Poroshk. met. 2 no. 6:96-99 N-D '62.

Local fluctuation levels in amorphous semiconductors. A. I. Gubanov. Fiz. tver. tela 4 no. 10:2873-2879 O '62.

Low-frequency plasma oscillations in nonpolar semiconductors. G. V. Gordeev. Fiz. tver. tela 4 no 11:3144-3151 N '62.

On the theory of volume photo-emf in semiconductors. N. F. Kovtoniuk, D. T. Kokorev. Izv. vys. ucheb. zav.; fiz. no. 5:121-123 '62.

Production of a superhigh vacuum by means of oxide electronic semiconductors pulverized by electron bombardment. G. S. Mikhailov, O. M. Akimovich, I. G. Pronina. Ukr. fiz. zhur. 7 no. 12:1367-1368 D '62.

Thermomagnetic effects in semiconductors with degenerate bands. E. Normantas, G. E. Pikus. Fiz. tver. tela 4 no. 10:2802-2707 O '62.

Theory of heavily alloyed semiconductors. V. L. Bonch-Bruevich. Fiz. tver. tela 4 no. 10:2060-2074 O '62.

Using Hall current in studying carrier scattering in semiconductors. V. N. Dobrovol'skii, IU. I. Gritsenko Fiz. tver. tela 4 no. 10:2760-2769 O '62.

SEMICONDUCTORS—CONGRESSES

Second symposium on new problems in semiconductor physics. T. I. Kucher. Ukr. fiz. zhur. 7 no. 12:1369-1370 D '62.

SEMICONDUCTORS—ELECTRIC PROPERTIES

Conductivity due to excess current carriers in a magnetic field. V. N. Dobrovol'skii. Fiz. tver. tela 4 no. 10:2806-2812 O '62.

Determining the sign, concentration, and mobility of current carriers in semiconductors. A. I. Shelykh. Fiz. tver. tela 4 no. 11:3208-3210 N '62

Electric conductivity of polar semiconductors, taking electron interaction into account. I. M. Dykman, P. M. Tomchuk. Fiz. tver. tela 4 no. 12:3551-3563 D '62

Kinetic theory of semiconductors with low mobility [with summary in English]. I. G. Lang, IU. A. Firsov. Zhur. eksp. i teor. fiz. 43 no. 5:1843-1860 N '62.

A new possible mechanism of recombination in semiconductors. M. K. Sheinkman, Ukr. fiz. zhur. 7 no. 12: 1361-1365 D '62.

On the appearance of current instability in semiconductors. L. E. Gurevich, I. V. Ioffe. Fiz. tver. tela 4 no. 10:2841-2846 O '62.

Progress of breakdown in semiconductors with time. V. A. Chuenkov, Chen' Ke-min [Chen k'o-ming]. Fiz. tver. tela 4 no. 11:3054-3064 N '62.

Some aspects of current instability in semiconductors. L. E. Gurevich, I. V. Ioffe. Fiz. tver. tela 4 no. 10: 2964-2970 O '62.

Theory of transfer phenomena in semiconductors of low mobility; characteristics of the energy spectrum of systems. M. I Klinger. Fiz. tver. tela 4 no. 11:3075-3085 N '62.

Theory of transfer phenomena in semiconductors of low mobility; general approach to the theory of transfer processes, and its criteria. M. I. Klinger. Fiz. tver. tela 4 no. 11:3086-3103 N '62.

SEMICONDUCTORS—OPTICAL PROPERTIES

Graphic method for determining the optical constants of single-crystal semiconductors by measuring the transmission [with summary in English]. K. D. Tovstiuk, O. M. Borots'. Ukr. fiz. zhur. 7 no. 12:1285-1291 D '62.

SEMICONDUCTORS—THERMAL PROPERTIES

Effect of impurities on the mechanical and thermal properties of semiconductors with covalent bonding. T. A. Konterova. Fiz. tver. tela 4 no 11:3328-3330 N '62.

Investigating the electrophysical properties of alloys on a base of chromium and manganese semiconductor dislicides [with summary in English]. L. D. Dudkin, E. S. Kuznetsova. Poroshk. met. 2 no. 6:20-311 N-D '62.

SEMICONDUCTORS, EFFECT OF RADIATION ON

On the theory of annihilation of radiation defects in semiconductors. A. V. Spitsyn, L. S. Smirnov. Fiz. tver. tela 4 no. 12:3455-3460 D '62.

SEMICONDUCTORS, EFFECT OF RADIATION ON ION BEAMS

Induced conductivity in germanium under bombardment with potassium ions. I A. Abroian. Fiz. tver. tela 4 no. 10:2719-2726 O '62.

SENGILEYEVSKAYA RESERVOIR—FISH CULTURE

Possibilities for expanding the assortment of valuable commercial fishes on fish farms, as exemplified by Sengileyevskaya Reservoir. M. S. Popova. Trudy sov. ikht. kom. no. 14:157-160 '62.

SENILE PSYCHOSIS

Clinical characteristics of atherosclerotic dementia in senility and its delimitation from senile dementia. D. B. Golant. Trudy Gos. nauch.-issl. inst. psikh. 25: 105-118 '61.

SENSE ORGANS

Rasshirennaia nauchnaia konferentsiia Instituta mozga, 1959. [Structure and function of the analysors of man in ontogenesis] Struktura i funktsiia analizatorov cheloveka v ontogeneze, trudy. Pod obshchei red. S. A. Sarkisova. Moskva, Medgiz, 1961. 296 p. [With summaries in English]

SENSES AND SENSATION

Isidorovich, T. O. [Problem of the interrelationship of sensations in psychology. K probleme vzaimootnoshenila oshchushchenii v psikhologii. Tbilisi, Izd-vo Akad. nauk Gruzinskoi SSR] 1961. 200 p. [In Georgian with summary in Russian]

Role of reverse afferentation in perceiving the duration of stimulus on a cutaneous analysor. T. M. Kozina. Dokl. APN 6 no. 4 85-86 '62.

SENTENCES (CRIMINAL PROCEDURE)

We should try to impose the correct size of penalty. M. Frenkel'. Sov. iust. no. 23 6-7 D '62

SEPARATORS (MACHINES)

Improving the cyclones of exhaust systems. S. K. Ivanov. Der. prom. 11 no. 11:23-24 N '62.

Separator for cleaning drying agents from solid inclusions. G. Indrikaons, IU. Mikhailov. Izv. AN Latv. SSR no. 1:55-56 '61.

Sidel'kovskii, L. N., and A. P. Shurygin. [Industrial cyclone systems] Tsiklonnye energeticheskie ustanovki. Pod obshchei red. L. N. Sidel'kovskogo, Moskva, Gosenergoizdat, 1962. 70 p.

Testing the VSN-M-type modernized yeast separator. Z. B. Kristall. Gidroliz i lesokhim. prom. 15 no. 8: 24 '62

SEPTICEMIA

Antimicrobial activity of nitrofuran series preparations in the combination with antibiotics. Report 3. Nature of the effectiveness of nitrofuran series preparations in the combination with antibiotics in white rat septicemia caused by bacteria of the genus Proteus. L. Alekseeva. Izv. AN Latv. SSR no. 1:101-103 '61.

SEPTORIA

Role of trace element fertilizers in increasing the resistance of black currants to Septoria ribis Desm. V. F. Peresypkin, P. Z. Shcherbongovol. Zashch. rast. ot vred. i bol. 6 no. 8:27 Ag '61.

SERAFIMOVICH, A. pseud. see Popov, Aleksandr Serafimovich, 1863-1949

SERENUS SAMMONICUS, QUINTUS

Serenus Sammonicus, Quintus. [Liber medicinalis; praecepta saluberrima] Meditsinskaia kniga; iscelenye predpisaniia. Vstup. stat'ia, perevod i kommentarii IU. F. Shul'tsa. Moskva, Medgiz, 1961. 200 p. [Parallel texts in Latin and Russian]

SERHIEVICH, PIOTR ALIAKSANDRAVICH, 1900-

An artist's skilled paintbrush. S. Barkouski. Belarus' 19 no. 11:29 N '62.

SERICULTURE see subdivision under Armenia; Tashkent Province

SERIES

Criterion of the expandability of functions in a quasi-exponential series and quasi-analytic classes of functions. G. V. Badalian. Izv. AN SSSR, Ser. mat. 26 no. 6:839-864 N-D '62.

Leningrad. Elektrotekhnicheskii institut sviazi. [Tables and formulas of sums of series of the type

$$\sum_{n=1}^{\infty} e^{-rn^2} \begin{matrix}\cos\\ \sin\end{matrix} nx \quad \text{and} \quad \sum_{n=1}^{\infty} \frac{e^{-rn^2}}{n} \begin{matrix}\cos\\ \sin\end{matrix} nx]$$

Tablitsy i formuly summ riadov vidov

$$\sum_{n=1}^{\infty} e^{-rn^2} \begin{matrix}\cos\\ \sin\end{matrix} nx \quad \text{i} \quad \sum_{n=1}^{\infty} \frac{e^{-rn^2}}{n} \begin{matrix}\cos\\ \sin\end{matrix} nx$$

Pod red. A M Zaezdnogo. Leningrad, 1958. 73 p.

A method for evaluating the region of convergence of periodic series representing solutions to quasi-linear differential equations with a small parameter. Case of resonance IU. A. Riabov Izv vys ucheb zav. ,mat. no. 6 108-118 '62.

SERIES, DIRICHLET'S

On the structure of Dirichlet series bounded at the real axis M A Evgrafov Usp mat. nauk 17 no. 5.123-127 S-O '62

A uniqueness problem for Dirichlet series M. Evgrafov. Usp. mat. nauk 17 no. 3:169-175 My-Je '62.

SEROTONIN

Effect of space flight factors on the level of serotonin in the blood of animals [with summary in English]. V. S Shashko. and others. Probl. kosm. biol. 1 258-264 '62

SEROV, VALENTIN ALEKSANDROVICH, 1865-1911

"Serov the sketcher" by I. E. Grabar'. Reviewed by P. Kornilov Iskusstvo 25 no. 10:72 '62

SERUM

Effect of serum from immunized guinea pigs on the reproduction and catalytic activity of mycobacterium tuberculosis [with summary in English]. R. I. Shenderova, A. M. Vitrinskaia. Biul. eksp. biol. i med. 54 no. 11 68-71 N '62.

Filippov, V. R. [Cytotoxic stimulation of immunity] Tsitotoksicheskaia stimulitatsiia immuniteta. Ulan-Ude, Buriatskoe knizhnoe izd-vo, 1960. 276 p.

SERUM DIAGNOSIS

Serum diagnosis of focal influenzal diseases A. I. Kirtianova Zdrav Tadzh 9 no. 5 12-15 '62.

SERUM THERAPY

Diagnosis and treatment of tetanus [with summary in English]. B. IA. Padalka, V. A. Postovit. Vrach. delo no. 12:105-110 D '62.

Using the complement fixation inhibition reaction for typing the foot-and-mouth disease virus from the serum of reconvalescents IU F Shvetsov. Visnyk sil'hosp nauky 5 no. 11:75-78 N '62.

SERVICE INDUSTRIES see subdivision under Al'met'yevsk; Novouzensk District; Prague

SERVICE STATIONS see subdivision under Stupino (Moscow Province)

SERVICE STATIONS—EQUIPMENT AND SUPPLIES

Every service station should have a stand for wheel alignment. A. Gorlavin, A. Ponomarev. Avt. transp. 40 no. 12 16-17 D '62.

SERVOMECHANISMS

Applying the equation of a hydraulic engine to the investigation of electrohydraulic servosystems. G N Kniazev Izv. vys ucheb zav , mashinostr. no. 8: 73-78 '62

An approach of constant speed regulation in control systems with hydraulic servomotors E. M Siuziumova Trudy TSNII MPS no 241 94-103 '62

Study of the servomotor of the speed regulator of the D50 engine. F. F. Saburov. Trudy LIIZHT no. 175. 101-111 '61.

SERZHEN'-YURT—ANTIQUITIES

Archaeological excavations of the Serzhen'-Yurt settlement in 1960. N. IA. Merpert. Krat. soob. Inst. arkheol. no. 88:33-44 '62.

SESTRORETSK—HISTORY

Davidenko, A. I. [Sestroretsk; sketches from the history of the city] Sestroretsk; ocherki po istorii goroda. [Leningrad] Lenizdat, 1962. 209 p. (Goroda Leningradskoi oblasti)

SEVAN LAKE REGION—FUNGI

New species of fungi in the mycoflora of the Armenian S. S. R. found in regions of the Sevan basin. Report No 1. L. L. Osipian, M. G. Taslakhch'ian. Izv. AN Arm. SSR Biol. nauki 15 no. 11:51-57 N '62

SEVAN, LAKE—WINDS

Breezes in the Lake Sevan Basin and some results of their calculation by actual temperature disribution on the basement surface. A. M. Mkhitarian. Izv. AN Arm. SSR. Ser. tekh. nauk 15 no. 5:15-32 '62.

SEVASTOPOL—ELECTRIC POWER PLANTS

The party organization and the foreman. K. Mordvinov. Part zhizn' no. 23:33-36 D '62.

SEVASTOPOL—GUIDEBOOKS

Chebaniuk, Z. F. [Historic sites and monuments of Sevastopol] Istoricheskie mesta i pamiatniki Sevastopolia. Simferopol', Krymizdat, 1962. 175 p.

SEVASTOPOL—HISTORY

Chebaniuk, Z. F. [Historic sites and monuments of Sevastopol] Istoricheskie mesta i pamiatniki Sevastopolia. Simferopol', Krymizdat, 1962. 175 p.

SEVASTOPOL—SIEGE, 1854-1855

Somin, G. I. [The defense of Sevastopol, 1854-1855] Oborona Sevastopolia, 1854-1855 gg. Moskva, Voenizdat, 1962. 105 p. (Geroicheskoe proshloe nashei Rodiny)

SEVASTOPOL—SNOW

Snowfalls in Sevastopol. L. N. Shpakova. Priroda 51 no. 12 123 D '62.

SEVASTOPOL—VIEWS

[Sevastopol; photographic sketch] Sevastopol'; fotocherk. Kiev, Gos. izd-vo izobraz iskus i muzykal'noi lit-ry, 1961 1 v.

SEVENTH-DAY ADVENTISTS
(see also subdivision under Bukovina)

A hunter of souls.... P. Kologrib. Agitator no 12: 56-59 Je '62.

Who are the Adventists? M. Kuts. Voiov. ateist no. 8: 36-37 Ag '62.

SEWAGE—PURIFICATION

"Removal of radioactive isotopes from water and sewage" by G V IAkimov. Reviewed by B T Goldobin Vod i san. tekh no 9 39-40 '62.

Thermal removal of synthetic fatty acids from sewage and gases. D. F. TSanik. Vod. i san. tekh. no. 10. 10-12 O '62.

SEWERAGE

The "bypass" sewage pump which does not become obstructed (from Chicago Pump Company, Bulletin 130, 1959). V. IA. Karelin Vod i san tekh. no. 11. 35-36 N '62

Sewer wells made of precast reinforced concrete. V. A. Nazarenko Vod. i san tekh. no. 11 28-29 N '62.

Sinking sewer pipes without settlement E. A. Demeshko, V. A. Khodosh Vod i san tekh. no 9 11-14 '62.

SEWERAGE—STANDARDS

New technology in chapter II-G. 6-62 of the Construction Specifications and Regulations entitled "Sewerage. Standards of design." Z. A Orlovskii. Vod i san tekh no 11 21-24 N '62.

SEX—CAUSE AND DETERMINATION

Sex ratio in the progeny of mammals and its dependence upon the living conditions of the organism. B. S. Kubantsev. Uch. zap. Volg. gos. ped. inst. no. 13:69-78 '61.

SHAFT SINKING
(see also subdivision under Pechora Basin)

Analysing the shaftbottom operations in the mines of Chervonogradugol' Trust. N. T. Kocherga. Ugol' Ukr. 6 no. 11:27-28 N '62.

Mining equipment for the deepening of vertical shafts. I. G. Kursanov. Shakht. stroi. 6 no. 11:3-4 N '62.

New technical solutions for shaft reinforcement in the mines of Krivoy Rog Basin. I. B. Dorzhinkevich. Shakht. stroi. 6 no. 11:8-9 N '62.

Pokrovskii, N. M. [Constructing and reorganizing mines] Sooruzhenie i rekonstruktsiia gornykh vyrabotok. Izd. 5, Moskva, Gosgortekhizdat,
Pt. 2. [Constructing vertical workings] Sooruzhenie vertikal'nykh vyrabotok. 1962. 350 p.

Prospects for the development of the combination drilling of shafts with a large diameter. M. N. Kudriakov. Shakht. stroi. 6 no. 11:9-13 N '62.

SHAFTING

Changes in the requirements of the U. S. S. R. Register for the design for strength of marine shafts D E. Iskritskii, E. S Reinberg. Sudostroenie 28 no. 11: 28-33 N '62.

Karmadonov, A. F. [Shaft couplings] Soedinitel'nye ustroistva valov. Moskva, Mashgiz, 1962. 86 p.

SHAKESPEARE, WILLIAM, 1564-1616

Kote Mardzhanishvili and "to be or not to be?" M. Gidzhimkreli. Teatr 23 no. 11:152 N '62.

SHAKHOVSKAIA, NATALIIA, 1935-

Two Natashe's. T. Gaidamovich. Sov. muz. 28 no. 11: 85-88 N '62.

SHAKHTERSK (DONETSK PROVINCE)—MILITARY EDUCATION

Indefatigable voluntary worker. P. Buzmakov. Voen. znan. 38 no. 12:24 D '62.

SHAMOV, VLADIMIR NIKOLAEVICH, 1882-1962

Vladimir Nikolaevich Shamov; an obituary. Klin. med. 40 no. 10:155-156 O '62.

SHAPORIN, IURII ALEKSANDROVICH, 1889-

Artist of the Russian spirit. D. Shostakovich. Sov. muz. 28 no. 11:23-24 N '62.

Elder of Soviet music. V. Bogdanov-Berezovskii. Sov. muz. 28 no. 11:25-31 N '62.

Epic of revolutionary heroism. V. Rozhdestvenskii. Sov. muz. 28 no. 11:33-37 N '62.

Meeting with Shchepin-Rostovskii. A. Maslennikov. Sov. muz. 28 no. 11 43-44 N '62.

Poetry of a generous heart. I. Arkhipova. Sov. muz. 28 no. 11:44-45 N '62.

Teacher and friend. R. Shchedrin. Sov. muz. 28 no. 11 37-39 N '62.

Those youthful years. N. Petrov. Sov. muz. 28 no. 11 31-33 N '62.

To dear Rakhmet Akanka!! G. Zhubanova. Sov. muz. 28 no. 11 39-41 N '62.

Unforgettable.... E. Makhmudov. Sov. muz. 28 no. 11 41-42 N '62.

SHASHKEYVCH, MARKIAN, 1811-1843

Oleksandrowych, Mykola. [Markian Shashkevych, the renaissance of Ukrainian literature in Galicia] Markiian Shashkovych, ukrains'ke literaturne vidrodzhennia v Halychyni. 2., dop. vyd. Toronto, Ukr. vyd-vo "Dobra knyzhka," 1961. 60 p. (no. 174)

SHAUCHENKA, AKIM MIKHAILOVICH, 1912-

Our nobleminded artist. D. Maslau. Belarus' 10 no. 12 27 D '62.

SHAUMIAN, STEPAN GEORGIEVICH, 1878-1918

Voskerchian, A. K. [St. Shaumian and S. Spandarian, founders of Armenian Marxist criticism. Ocherki po istorii armianskoi marksistskoi kritiki - St. Shaumian i S Spandarian. Erevan, Armianskoe gos. izd-vo] 1962. 531 p. [In Armenian]

SHEEP

Pentiuk, M. V. [Problems in increasing the number of sheep and the production of mutton] Voprosy uvelicheniia pogolov'ia ovets i proizvodstva baraniny. Moskva, Vses. nauchno-issl. in-t ekonomiki sel'. khoz., 1962. 93 p.
(DNAL)

SHEEP—BIBLIOGRAPHY see Bibliography—Sheep

SHEEP—FEEDING AND FEEDS
(see also subdivision under Siberia)

Effect of the type of constitution and the nutrition level of TSigai ewes on their fertility and the live weight of newborn lambs. A. I. Vlasov. Nauch. trudy Zootekh. fak. Khar. zoovet. inst. 11:102-107 '62.

SHEEP BREEDS see subdivision under Kazakhstan

SHEET-METAL WORK

Bolkhovitinov, N. F. [Properties and use of sheet steel for die stamping] Svoistva i primenenie listovoi stali dlia kholodnoi shtampovki. Moskva, Mashgiz, 1962. 82 p.

Investigating certain parameters of noncontact system controlling the thickness of sheet billets for automatic stamping. A. P. Artes. Sbor. MOSSTANKIN no. 6 81-84 '62.

Isachenkov, P. I. [Forming with rubber and fluids] Shtampovka rezinoi i zhidkost'iu Moskva, Mashgiz, 1962. 327 p

New noncontact control systems for the automatized stamping operations by means of radioisotopes. V. F. Meshcherin. Sbor. MOSSTANKIN no. 6:5-21 '62.

Principles of the theory of continuous forming curve bending machines. G. A. Smirnov-Aliaev, G. IA Gi- Izv. vys. ucheb zav.; chern. met. 5 no. 11:59 105 '62

Production line for the manufacture of combine driving wheel disks. A. N. Cherepakhin, N. I. Deplov. Kuz.-shtam. proizv 4 no. 10:23-27 O '62.

Sheet-metal working of Kh18N14AN4 stainless steel medical equipment parts. S. Z. Gol'berg, E. E. Vainer Kuz.-shtam. proizv 4 no. 10:27-30 O '62.

Stamping large-size end plates in dies with a floating punch N. T Matsegora, G. I Kazantsev. Kuz.-shtam. proizv. 4 no. 10 44 O '62.

Using the "pole figure" method for investigating the effect of technological lubrication on the quality of die-stamped products. D. Sarkisian. Prom. Armen. 5 no. 11:28-32 N '62.

Volumetric proportioning of billets for stamping with noncontact units. V. T. Meshcherin, E. N. Lanskoi, V. B. Pokrovskii. Sbor. MOSSTANKIN no. 6:110-120 '62.

SHEET-METAL WORK—BIBLIOGRAPHY see Bibliography—Sheet-metal work

SHEET-METAL-WORKING MACHINERY

Effort of blanking in the case of using beveled matrices with flat segments. I P. Obozov. Kuz.-shtam. proizv. 4 no. 10.30-31 O '62.

SHEET PILING

Techniques of sinking and grouting cylindrical reinforced concrete sheet piling. B. P. Konstantinov Transp. stroi. 12 no. 10:46-48 O '62

SHEET STEEL

Bolkhovitinov, N. F. [Properties and use of sheet steel for die stamping] Svoistva i primenenie listovoi stali dlia kholodnoi shtampovki. Moskva, Mashgiz, 1962. 82 p.

"Metal for sheet-metal work" by V. P. Severdenko, S. A Pasechnyi. Reviewed by S. Z. Udovich, G. D Regira, D. E. TSivirko. Kuz.-shtam. proizv. 4 no. 10.42 O '62

SHELEST, ALLA IAKOVLEVNA
Alla Shelest G. Ulanova. Teatr 23 no 11:161 N '62

SHELL MOLDING (FOUNDING)—PRODUCTION STANDARDS
Moscow. TSentral'noe biuro promyshlennykh normativov po trudu. [Time norms established in the general machinery industry for shell molding and coremaking] Obshchemashinostroitel'nye normativy vremeni na izgotovlenie obolochkovykh form i sterzhnei. Moskva, 1961. 65 p.

SHENDEROVICH, LEV MOISEEVICH, 1902-
Lev Moiseevich Shenderovich, on his 60th birthday. Zhur. nevr. i psikh 62 no. 8:1275-1276 Ag '62

SHENNIKOV, ALEKSANDR PETROVICH, 1888-1962
Aleksandr Petrovich Shennikov, an obituary. I. Blumental'. Vest LGU 17 no. 21 156-160 '62.

SHERUBAY-NURA VALLEY—WATER, UNDERGROUND—ANALYSIS
Some characteristics of the formation of the chemical and qualitative composition of underground waters in the upper Sherubay-Nura basin. S. Zh. Zhaparkhanov Izv. AN Kazakh. SSR, Ser. geol. no. 5:1-57 '62.

SHEVCHENKO, TARAS, 1814-1861
"Kobzar" as translated by contemporary German poets. N. IA. Chechel'nytska. Rad. lit. 6 no. 6:99-106 N-D '62.
Shevchenko and IAnka Kupala. V. O. Vinogradov. Rad. lit. 6 no. 6:81-98 N-D '62.
Sources of Shevchenko's poem "God'a fool." M. O. Meshcheryakyi. Rad. lit. 6 no. 6:129-130 N-D '62.
"T. H. Shevchenko and Russian revolutionary democrats" by Il. S. Shabliovskii. Reviewed by H. IU. Sin'ko. Rad. lit. 6 no. 6 145-147 N-D '62.
"Taras Shevchenko and his generation" by Leonid Khinkulov. Reviewed by Leonid Rubin Ukraina no 24:15 D '62
Unknown letters written to Shevchenko (to be continued). P. Doroshenko. Sov. Ukr. 12 no. 10:155-168 O '62.

SHEVCHENKO, TARAS, 1814-1861—HOMES AND HAUNTS
Shevchenko in Kiev. L. Bogdanovich. Sov. Ukr. 12 no. 10:185-186 O '62.

SHEVCHENKO, TARAS, 1814-1861—MONUMENTS, ETC.
Festivities in the city of Nedrigaylov. Ukraina no. 21 4 D '62.

SHEVKUNENKO, VIKTOR NIKOLAEVICH, 1872-1952
Pedagogic skill and innovation, on the 10th anniversary of the death of V. N. Shevkunenko. E. M. Margorin. Khirurgiia 38 no 10:140-142 O '62
Viktor Nikolaevich Shevkunenko; on the 90th anniversary of his birth. E. M. Margorin. Vest. khir. 89 no. 9: 139-135 S '62.

SHIBIK RIVER—ALGAE, FOSSIL
Diatoms, Silicoflagellatae and Ebridieae from Maikop sediments in the Shibik River; Krasnodar Territory [with summary in English]. V. S. Sheshukova-Poretskaia, Z. I. Glezer. Uch. zap. LGU no. 313:171-202 '62.

SHIELD BUGS see Eurygasters

SHIELDING (RADIATION)
Exhibition of the Polish company "Elektrim." Atom. energ. 13 no. 6 514-516 D '62.

SHIFT SYSTEMS
Working conditions in an enterprise with many shifts and around-the-clock operation after the transition to the seven-hour workday. M. V. Morozov. Trudy Kal. tekh. inst. ryb. prom. i khoz. 12:53-57 '61.

SHIGELLA
Method of obtaining and the biological characteristics of dysentery bacteria reversed from L-form cultures. M. Kulumova. Zdrav. Tadzh. 6 no. 5 55-60 '62.
Nitrogen nutrition of microbes from the dysentery group [with summary in English]. H. M. Zhukov Mikrobiol. zhur. 24 no. 2 7-13 '62

SHIMANSKII, IULIAN ALEKSANDROVICH, 1883-1962
IU. A. Shimanskii; obituary and a list of his works. Izv. AN SSSR. Otd. tekh. nauk. Mekh. i mashinostr. no. 6: 177-183 N-D '62.

SHIMKEVICH, VLADIMIR MIKHAILOVICH, 1858-1922
V. M. Shimkevich's letters to A. P. Bogdanov (1881-1900). F. E. Raikov. Vest LGU 17 no. 21:122-134 '62.

SHINGLES (DISEASE) see Herpes zoster

SHIP HANDLING
Automatic control of ship handling and new navigation methods. A. IAkushenkov. Mor. flot 22 no. 11:11-13 N '62.
Tikhonirov, V. P. [Control of ship maneuvers; in limited water areas] Upravlenie manevrami korablia; na stesnennykh akvatoriiakh. Moskva, Voen. izd-vo M-va oborony SSSR, 1962. 431 p.

SHIP HANDLING—BIBLIOGRAPHY see Bibliography—Ship handling

SHIP MODELS—COMPETITIONS
Mastery of ship modelmakers. A. Trishin. Voen. znan. 38 no. 12 34 D '62

SHIP PROPULSION
Some characteristics of calculating the propulsion of vessels on underwater wings. IU. M. Sadovnikov Sudostroenie 28 no. 11:11-13 N '62

SHIP REGISTERS
Changes in the requirements of the U. S. S. R. Register for the design for strength of marine shafts. D. E. Iskritskii, L. S. Reinberg Sudostroenie 28 no. 11 28-33 N '62

SHIP TRIALS
From experience in the delivery of ships built at the Baltic plant. Sudostroenie 28 no. 11 63-65 N '62
Trial results of a tugboat with winged propeller. M. P. TSvetkov Sudostroenie 28 no. 11 9-10 N '62

SHIPBUILDING
(see also subdivision under Bulgaria, Canada, Hungary; Netherlands; Poland)
Monopolies and the Russian state apparatus [with summary in English, pp. 207-208]. K. F. Shatsillo. Vop. ist. no. 12 35-47 D '62

SHIPBUILDING—BIBLIOGRAPHY see Bibliography—Shipbuilding

SHIPBUILDING—CONGRESSES
Third Plenum of the Central Administration of the Scientific Technological Society of Shipbuilding Sudostroenie 28 no. 11 62 N '62.

SHIPBUILDING—STANDARDS
Another suggestion for improvements in the listing of state standards. Sudostroenie 28 no. 11 79 N '62.

SHIPBUILDING MATERIALS
Selecting a grade of shipbuilding steel considering weight indices and hull costs. B. Smolikov. Rech. transp. 21 no. 12:31-32 D '62.
Use of aluminum-magnesium alloys in shipbuilding. S. V. IAkushkin. Sudostroenie 28 no. 11:56 N '62.
Vinyl-ethynol nonslip coatings. IU. K. Matasov. Sudostroenie 28 no. 11.52-53 N '62.

SHIPPING
(see also subdivision under Arctic regions)
Statute of "Soiuzvneshtrans," the All-Union Association for Shipping Services in Foreign Trade. Vnesh. torg. 12 no. 12:44-45 '62.
Successful completion of the transportation plan for the fourth year of the seven-year plan. Mor. flot 22 no. 11:1-2 N '62.
Transportation of oversized equipment by water. V. I. Pozhitkov. Ment i spets. rab. v stroi. 24 no. 11 16-20 N '62

SHIPS
Important problems in the complex automation of seagoing ships. V. Syromiatnikov, A. IAkushenkov. Izv. AN Latv. SSR no. 3:165-167 '61.

SHIPS—CARGO
Lumber transportation on ships of the type "Andizhan." V. Kachaev. Mor. flot 22 no. 12, 15-16 D '62.
Universal dry-cargo vessels with a dead weight of 7,000 and 12,000 tons. B. K. Sidorov Sudostroenie 28 no. 11 1-8 N '62.

SHIPS—DRAWING
Pugachev, A. S. [Shipbuilding drawing] Sudostroitel'noe cherchenie. Izd. 2., perer. i dop. Leningrad, Sudpromgiz, 1962. 180 p. diagrs.

SHIPS—ELECTRIC EQUIPMENT
Gorki. Institut inzhenerov vodnogo transporta. Fakul'tet zaochnogo obucheniia. [Electrical equipment of ships, manual for students of mechanical and shipbuilding professions] Elektricheskoe oborudovanie sudov; uchebnoe posobie dlia studentov mekhanicheskoi i sudostroitel'noi spetsial'nostei. Gor'kii.
No. 1. [Mechanical characteristics, regulation of the angular velocity, and electrical braking of three-phase a. c. and d. c. motors] Elektrodvigateli postoiannogo i peremennogo trekhfaznogo tokov, ikh mekhanicheskie kharakteristiki, regulirovanie skorosti vrashchenila i elektricheskoe tormozhenie, 1962. 75 p. [MICROFILM]

SHIPS—HEATING AND VENTILATION
Increasing the efficiency of marine ventilation and air conditioning systems. E. A. Raevskaia. Sudostroenie 28 no. 11 19-23 N '62.

SHIPS—MAINTENANCE AND REPAIR
(see also subdivision under Nakhodka)
Achievements are not the limit. Mor. flot 22 no. 9:4 S '62.
By the Lenin-traced course to new victories. Rech. transp. 21 no. 12:6 D '62.
Docking frequency for seagoing freighters. N. Kogan. Mor. flot 22 no. 11:33-36 N '62.
Draw ship repair plant laboratories into doing creative work. V. Orlov and others Mor. flot 22 no. 11:36-37 N '62.
Follow-up of published materials. Mor. flot 22 no. 11, 48 N '62
Give daily attention to ship repairs. Rech. transp. 21 no. 12:5 D '62.
Organization of integrated departments for ship repairs between voyages A. Stesarev, V. Ivchenko Mor. flot 22 no. 9 36-37 S '62
Progressive methods in ship repairing. K. Smirnov. Rech. transp. 21 no. 12:25-26 D '62.
Repairing deadwood arrangements afloat. D. Skvirskii Mor. flot 22 no. 11 37 N '62
Strengthen the role of technical control Mor. flot 22 no. 9 47 S '62
Use of compressed wood in ship repairs A. Sidorenko Mor. flot 22 no. 9 34-36 S '62
Welding of cast iron parts with a TSCH-4 electrode. A. Abramov. Mor. flot 22 no. 12 38 D '62.

SHIPS—SPEED
Correlation between losses and increments in the speed of ships and barge trains B. Ragozin. Rech. transp. 21 no. 12 16 D '62.

SHIPS, IRON AND STEEL
Dormidontov, N. K., and others. [Design and arrangement of ships for inland navigation] Konstruktsiia i ustroistvo sudov vnutrennego plavaniia. Pod obshchei red. N. K. Dormidontova. Leningrad, Izd-vo "Rechnoi transport,"
Pt. 2. [Metal ships] Metallicheskie suda. 1962 271 p.

SHIPWRECKS
"On the track of shipwrecks" by L. Skriagin. Reviewed by A. Pin. Vokrug sveta no. 10:62-63 O '62.

SHIPYARDS
(see also subdivision under Leningrad)
Production capacity of a ship repair yard. V. P. Stepanov. Trudy Kal. tekh. inst. ryb. prom. i khoz. 12:162-172 '61.

SHIRVAN STEPPE see Kura Lowland

SHIRVANZADE, ALEKSANDR, pseud., see Movsesian, Aleksandr Minasovich, 1858-1935

SHKMERI REGION—MANGANESE ORES
Some metallurgical characteristics of manganese ores from the Shkmeri deposit [in Georgian with summary in English]. T. I. Dzhincharadze, M. A. Kekelidze Trudy inst. met. AN Gruz. SSR 12 196-203 '62.

SHMELEV, IVAN SERGEEVICH, 1875-1950
Il'in, I. A. [The dark and the light, a book of literary criticism: Bunin, Remizov, and Shmelov] O t'me i prosvetlenii; kniga khudozhestvennoi kritiki: Bunin, Remizov, Shmelev. Munich [Tip. Obiteli prep. Iova Pochaevskago], 1950. 100 p.
(IEN)

SHOCK
The effect of A. P. Potosukhin's antishock liquid on plasma metabolism and vascular tonus. K. A. Samoilova Vest. AN Kazakh. SSR 18 no. 11 76-78 N '62
Treatment of blood transfusion shock occurring against a background of neuroplegic action [with summary in English]. L. IA. Fishchenko, E. M. Neiko. Biul. eksp. biol. i med. 54 no. 11:42-46 N '62.
Use of artificial hypothermia for the prevention and treatment of pleuropulmonary shock in an experiment [with summary in English]. I. D. Kudrin. Vest. khir. 89 no. 9:70-82 S '62.

SHOCK ABSORBERS
Rubb[illegible]
L. I.

SHOC[illegible]
I. [illegible]

SHOE MANUFACTURE

Characteristics of the manufacture and wearing properties of various types of footwear formed by the assembly method without lacing. L.V Kedrov and others. Nauch.-issl.trudy TSNIKP no.32 71-79 '60.

Liubich, M.G. [Hygienic characteristics of footwear and ways of their improvement] Gigienicheskie svoistva obuvi i puti ikh uluchsheniia; iz tsikla lektsii dlia zaochnykh kursov po novoi tekhnike i progressivnoi tekhnologii obuvnogo proizvodstva. Moskva, Rostekhizdat, 1962. 69 p.

[MICROFILM]

Method of pressure investigation in designing sensible footwear. Z.V.Santalova. Nauch.-issl.trudy TSNIKP no.32 79-87 '60.

SHOLOKHOV, MIKHAIL ALEKSANDROVICH, 1905-

Lukin, IU.B., and F.F.Shakhmagonov. [Fate of a man; scenario adapted from the story by Mikhail Sholokhov] Sud'ba cheloveka, stsenarii po rasskazu Mikhaila Sholokhova. Moskva, Iskusstvo, 1962. 96 p. illus. (Biblioteka kinodramaturgii)

Soifer, M.I. [The art of Sholokhov] Masterstvo Sholokhova. Tashkent, Gos. izd-vo khudozh lit-ry UzSSR, 1961. 414 p.

(InU) (RPB)

SHOOTING CONTESTS

Moral and character training of the rifleman. A. Maksimov. Voen.znan. 38 no.12:30-31 D '62

Road to mastery. M.Nekrasov Voen.znan. 38 no 12: 31-32 D '62.

SHOPPING CENTERS see subdivision under Moscow; Sweden

SHORE PROTECTION

(see also subdivision under Amu Darya)

Shaitan, V.S. [Design for strengthening the earth slopes of reservoirs] Proektirovanie kreplenii zemlianykh otkosov na vodokhranilishchakh. Moskva, Gosstroizdat, 1962. 214 p.

SHOSTAKOVICH, DMITRII DMITRIEVICH, 1906-

Martynov, I.I. [D. Shostakovich; a portrait of a creative artist] D.Shostakovich, tvorcheskii portret. Moskva, Sovetskaia Rossiia, 1962. 85 p. (Bibliotechka khudozhestvennoi samodeiatel'nosti, no.33)

SHOW WINDOWS

Window dressing. G.Laskavaia. Na strol.Ros. 3 no.9:24 S '62.

SHOWER BATHS—STANDARDS

Standard for cast-iron enameled shower bottoms. Vod.i san.tekh no 11 24 N '62

SHREWS see subdivision under Siberia, Western

SHTAERMAN, IL'IA IAKOVLEVICH, 1891-1962

I.IA.Shtaerman; obituary and a list of his works. Izv. AN SSSR. Otd.tekh.nauk. Mekh. i mashinostr. no.6 189-193 N-D '62.

SHTOHARENKO, ANDRII IAKOVYCH, 1902-

On the road; on A. Shtoharenko's sixtieth birthday. M. Bialyk. Sov muz 26 no 10 26-34 O '62

SHUMERLYA DISTRICT—JUSTICE, ADMINISTRATION OF

A "committee of people's assessors" in Shumerlya District M Egorov. Sov.iust no 12:23 Je '62

SHUMSHU ISLAND—SPONGES

Tetraxonida and Cornacuspongida of the Pacific shoals near Paramushir and Shumshu Islands V M Koltun Issl dal'nevost mor.SSSR no 8,181-199 '62

SHUTTERS, PHOTOGRAPHIC

Modeling of photographic shutters. L. P Riftin Zhur nauch.i prikl fot.i kin 7 no.6 405-408 N-D '62

SIBERIA—AMMONOIDEA, FOSSIL

New Late Jurassic ammonites of northern Siberia. N.I. Shul'gina. Trudy NIIGA 127:197-209 '62

SIBERIA—ASPEN

Structure of aspen plantations in Siberia E.N. Falaleev, M.A. Danilin. Les khoz 15 no.10 12-14 O '62

SIBERIA—BAUXITE

Bauxites in Siberia. V.P.Kazarinov. Geol.i geofiz. no.10:42-52 '62.

SIBERIA—ECONOMIC CONDITIONS

On the shore of the Ob'Sea. Nauka i rel. 4 no.12:12-14 D '62.

SIBERIA—FORAMINIFERA, FOSSIL

Frondicularia from Permian, Triassic, and Liassic sediments in the northern part of Central Siberia. A.A. Gerke. Trudy NIIGA 127:97-175 '62.

SIBERIA—GAME AND GAME BIRDS

Effect of the methods of utilizing hunting grounds on some changes in the Siberian fauna and problems in the reclamation of the commercial resources of taiga [with summary in English], E.E.Syroechkovskii, G.A.Sokolov, F.R.Shtil'mark. Zool.zhur. 41 no.10: 1459-1468 O '62.

SIBERIA—GEOLOGY, STRUCTURAL

Principal structural elements in the Late Pre-Cambrian of Siberia [with summary in English]. IU.A.Kosygin and others. Geol.i geofiz. no.10:68-82 '62.

Trans-Siberian lineament. V.I.Dragunov. Geog.sbor. no.15 47-70 '62.

SIBERIA—HISTORY

"In the ranks of the 'Siberian Social Democratic Union'', reminiscences on underground work in 1897-1907" by N.N.Baranskii (Nikolai Bol'shoi). Reviewed by M.I.Stishov Vop.ist. no.11 142-143 N '62.

SIBERIA—HUNTING

"Notes of a hunter-naturalist" by A.A.Cherkasov. A book review. Priroda 51 no.12:117 D '62.

SIBERIA—MARMOTS

Taxonomy of marmots (genus Marmota) of southern Siberia L.I.Galkina Trudy Biol inst Sib otd. AN SSSR no.8 135-156 '62

SIBERIA—PALEONTOLOGY, STRATIGRAPHIC

Cretaceous system in Siberia; suggestions on its division into stages and zones [with summary in English]. V.N.Saks, N.I.Shul'gina. Geol.i geofiz. no 10,23-41 '62.

SIBERIA—POTASSIUM SALTS

Prospects for discovering potassium salt deposits in Siberia [with summary in English]. A.L.IAnshin. Geol.i geofiz. no.10;3-22 '62.

SIBERIA—PROSPECTING—GEOPHYSICAL METHODS

Present status and problems, of geophysical investigations in Siberia and the Far East and prospects for developing them. E.E.Fotiadi. Geol.i geofiz. no.10 83-92 '62.

SIBERIA—RAILROADS—CONSTRUCTION

Labor movement at the construction sites of the Siberian railroad in the nineties of the 19th century. A.A Mukhin. Trudy Irk.un. 29:162-184 '61.

Prevent frost deformations on railroads under construction. G.P.Brediuk, V.P.Titov. Transp strol. 12 no.11;47-48 N '62.

SIBERIA—SHEEP—FEEDING AND FEEDS

Feeding and keeping sheep in the row crop farming system in Siberia B A Martem'ianov Zhivotnovodstvo 24 no 9 57-60 S '62

SIBERIA—WATER TOWERS

Unheated water towers. G. IA Kuzub. Vod. i san. tekh. no 9 10-11 '62.

SIBERIA—WHEAT—STORAGE

Storing wheat of increased moisture in grain elevators of the eastern regions of the U.S.S.R S.I Aktvis. Trudy VNIIZ no 39;19-39 '60.

SIBERIA, EASTERN—CARBONATITES

An example of metasomatic zonality around apatite-magnetite rocks and carbonatites. A.A.Glagolev. Dokl.AN SSSR 147 no.3,696-699 N '62.

SIBERIA, EASTERN—ELECTRIC RAILROADS—CURRENT SUPPLY

Analysis of the operation of power supply devices of a main line section of the Eastern Siberian Railroad electrified by single-phase current. V. B. Lapin. [Trudy] LIIZHT no 193 135-144 '62.

Generalization on the operation of a. c. and d. c. contact network jointing posts. M. P. Pokhomov. [Trudy] LIIZHT no. 193 145-153 '62.

SIBERIA, EASTERN—GOLD MINES AND MINING

History of the labor movement in the gold industry of Eastern Siberia from 1861 to 1905. N.D.Ovsiannikova. Trudy Irk.un. 29:143-161 '61.

Penetration of foreign capital in the gold industry of Eastern Siberia in the second half of the 19th century and in the early 20th century. N.D.Ovsiannikova. Trudy Irk.un. 29:185-203 '61.

SIBERIA, EASTERN—INSECTS, INJURIOUS AND BENEFICIAL

Device for gathering wintering pest nests. A.R. Gil'. Zashch.rast.ot vred.i bol. 5 no.2;37 F '60.

SIBERIA, EASTERN—INVESTMENTS, FOREIGN

Penetration of foreign capital in the gold industry of Eastern Siberia in the second half of the 19th century and in the early 20th century. N.D.Ovsiannikova. Trudy Irk.un. 29:185-203 '61.

SIBERIA, EASTERN—REVOLUTION, 1917-1921

First measures taken by the Soviet Government in Eastern Siberia at the beginning of the year 1920. V.T. Agalakov. Trudy Irk.un. 29:73-86 '61.

Liberation of Eastern Siberia by the Red Army. I.I. Kuznetsov. Trudy Irk.un. 29:44-72 '61.

SIBERIA, EASTERN—TYPHOID FEVER—PREVENTION

First measures taken by the Soviet Government in Eastern Siberia at the beginning of the year 1920. V.T. Agalakov. Trudy Irk.un. 29:73-86 '61.

SIBERIA, WESTERN—ASPEN—DISEASES AND PESTS

Aspen leaf miner Lithocolletis apparella H.-S. in the forests of Western Siberia G.O. Krivolutskaia. Trudy Biol inst. Sib. otd. AN SSSR no. 8.180-188 '62.

SIBERIA, WESTERN—CONSTRUCTION INDUSTRY

Western Siberia is a new building site. S.I Konterovich. Stroi. truboprov. 7 no 11,3 N '62

SIBERIA, WESTERN—EDUCATION, COOPERATIVE

History of work and technical education in the schools of Western Siberia in the postwar years, 1945-1958. Report No. 3. First steps in creating a system of work and technical education; 1953-1955. M G. Khitarian. Dokl. APN 6 no. 1:57-60 '62.

SIBERIA, WESTERN—GEOGRAPHY

"Western Siberia" by V. I. Orlov. Reviewed by A. V. Tikhonov, D. F. Kupisov. Geog. v shkole 25 no. 6:86-89 N-D '62.

SIBERIA, WESTERN—GRANITE

Granitoids in the northwestern part of the Irtysh shear zone. S.P.Gavrilova. Biul.MOIP. Otd.geol. 37 no.5:170-171 S-O '62.

SIBERIA, WESTERN—LEAF MINERS

Aspen leaf miner Lithocolletis apparella H.-S. in the forests of Western Siberia G. O. Krivolutskaia Trudy Biol inst. Sib otd. AN SSSR no 8:180-188 '62

SIBERIA, WESTERN—PALEOCLIMATOLOGY

Some data on the climate of the Upper Pleistocene in the northern part of Western Siberia. G.I.Dubikov. Izv. AN SSSR. Ser.geog. no.6;80-85 N-D '62.

SIBERIA, WESTERN—PHYSICAL GEOGRAPHY

On the ridged relief of Western Siberia. V.I. Orlov. Geog. v shkole 25 no. 6:63-68 N-D '62.

SIBERIA, WESTERN—SAWFLIES

Materials on sawflies producing galls on willows in Western Siberia. V K. Strogonova Trudy Biol inst. Sib. otd. AN SSSR no. 8:157-164 '62.

SIBERIA, WESTERN—SHREWS

Ecology of shrews (genus Sorex) in Western Siberia B S IUdin. Trudy Biol. inst. Sib otd AN SSSR no 8 33-134 '62

SIBERIA, WESTERN—WATER VOLES—EXTERMINATION

Practices in aerial chemical control of the water vole. S. M. Ostakhov, V. I. Braul. Zashch. rast. ot vred i bol 5 no. 2:10 F '60

SIBERIA, WESTERN—WEED CONTROL

Weed control in the fields of Siberia. I. V. Borodin, N P Shcherbinin, P S Ivarovskii Zemledelie 24 no 7:74-75 Jl '62

SIBERIA, WESTERN—WILLOWS—DISEASES AND PESTS

Materials on sawflies producing galls on willows in Western Siberia. V.K Strogenova. Trudy Biol inst Sib otd. AN SSSR no. 8:157-164 '62

SIBERIAN PLATFORM—COPPER ORES

Copper, lead, and zinc mineralization in sediments of the Siberian Platform. S.G.Galaburda. Zakonom. razm.polezn.iskop. 5:415-422 '62.

Regularities in the location of copper mineralization in the southern Siberian Platform. IU.V. Pogodin. Zakonom. razm.polezn. iskop. 5:408-414 '62.

SIBERIAN PLATFORM—LEAD ORES

Copper, lead, and zinc mineralization in sediments of the Siberian Platform. S.G.Galaburda. Zakonom. razm.polezn.iskop. 5 415-422 '62.

SIBERIAN PLATFORM—ROCKS, CARBONATE

Nekrasova, O.I. [Lithofacies analysis of carbonate formations as revealed by the studies of Lower and Middle-Cambrian sediments in the southeastern margin of the Siberian Platform] Litologo-fatsial'nyi analiz karbonatnykh tolshch na primere izucheniia nizhne- i srednekembriiskikh otlozhenii iugo-vostochnoi okrainy Sibirskoi platformy. Moskva, Gos. nauchno-tekhn. izd-vo lit-ry po geologii i okhrane nedr, 1962. 104 p. 4 plates. (Leningrad. Vsesoiuznyi geologicheskii institut. Trudy, vol. 71)

SIBERIAN PLATFORM—RUGOSA

Significance of rugosa for the Silurian stratigraphy of the western part of the Siberian Platform. A.I. Ivanovskii. Trudy SNIIGGIMS no.10:143-156 '60

SIBERIAN PLATFORM—SEDIMENTS (GEOLOGY)

Sediments of the Domanik-type formation in the northeastern part of the Siberian Platform. L.M.Natapov. Sov.geol. 5 no.11:110-112 N '62.

SIBERIAN PLATFORM—ZINC ORES

Copper, lead, and zinc mineralization in sediments of the Siberian Platform. S.G.Galaburda. Zakonom. razm.polezn.iskop. 5:415-422 '62.

SIEVES

Analyzing and calculating the technological design of a mill sifter. A.I. Aifterman. Trudy VNIIZ no. 33 83-92 '60.

Theoretical principles underlying the laminar flow of ground grain products on the sifter of the purifier. V.V. Gortinskii. Trudy VNIIZ no. 39:38-62 '60.

Storm warning signals should be simplified. V. Russanov. Mor. flot 22 no.12,26-27 D '62.

SIGNALS AND SIGNALING, AUTOMOBILES
S. O. S. signal. G. Getsov. Za bezop. dvizh. 5 no. 10: 14-15 O '62

SIKHOTE-ALIN' RANGE—NATURAL HISTORY
Along the rivers of the Sikhote-Alin' Range. N.G. Vasil'ev. Priroda 51 no.12,59-64 D '62.

SILANE
New method for obtaining methyltriacetoxysilane [with summary in German]. L. Maija, J. Spogis. Izv. AN Latv.SSR no.1,71-76 '61.
Reaction of dialkyldichlorosilanes and alkyldichlorosilanes with methylamine. E. A. Semenova, D. IA. Zhinkin, K. A. Andrianov. Izv AN SSSR, Otd. khim. nauk no 11:2036-2039 N '62.
Reactions of alkylphenol and trimethylsiloxyallylbenzene with alkylalkoxy (hydride) silanes. K. A. Andrianov, V. I. Pakhomov, N. D. Lapteva. Izv AN SSSR Otd. khim. nauk no. 11 2039-2046 N '62.
Reactions of peroxides with hexaethyldistannane and hexaethyldisilane. N. S. Vlazankin, G. A. Razuvaev, O. A. Kruglaia (Shchepetkova). Izv. AN SSSR, Otd. khim nauk no 11:2006-2011 N '62.

SILICA
Possible forms of the transfer of silica in hydrothermal solutions. I. G. Ganeev. Biul. MOIP. Otd. geol. 37 no.5 171-172 S-O '62.

SILICATES
Buti, IU. M., G. N. Dudelov, and M. A. Matveev, [General technology of silicates] Obshchaia tekhnologiia silikatov. Izd. 2., perer. i dop. Moskva, Gosstroiizdat, 1962. 462 p.
Soil silicates. V. Glukhovskii, I Petrenko. Stroi i arkhit. 10 no.11 33 N '62

SILICIDES—ELECTRIC PROPERTIES
Electron structure of silicides [with summary in English]. V. S. Neshpor, G. V. Samsonov. Porosh. met. 2 no. 6:14-19 N-D '62.

SILICON
Detection of dislocations in silicon single crystals by dissolution in the vapors of another substance. A. V. Sandulova, M. I. DronIuk. Fiz. tver. tela 4 no 10 2917-2920 O '62.
Diffusion distribution of boron in silicon. D. N. Mikhailova. Fiz. tver. tela 4 no. 10:2892-2894 O '62.
Effect of heavy doping on the fundamental absorption edge in silicon. G. B Dubrovskii, V. K Subashiev Fiz tver tela 4 no 11 3018-3020 N '62.
Faraday effect in the infrared spectral region in silicon IU. I. Ukhanov. Fiz. tver. tela 4 no 10:2741-2745 O '62.
Formation of recombination centers in silicon in fast thermal hardening. IU. R. Nosov, L. T. Ramus. Fiz. tver. tela 4 no. 12:3663-3665 D '62
Measuring the length of carrier diffusion in germanium and silicon by photoconductivity modulation. K. D. Ilinchuk Ukr. fiz. zhur. 7 no. 11:1255-1256 N '62.

SILICON—ANALYSIS
Processes of chemical concentration used for the spectral determination of impurities in an extrapure silicon [with summary in English]. IU. V. Morachevskii and others. Vest. LGU 17 no. 22:140-145 '62.

SILICON—ELECTRIC PROPERTIES
Effect of oxygen on the electric properties of n-type silicon. V. N. Mordkovich. Fiz. tver. tela 4 no 12:3040-3043 D '62.
Trapping of minority carriers on a silicon surface. V. E. Primachenko and others. Fiz. tver tela 4 no. 10:2825-2830 O '62.

SILICON CARBIDE
Carborundum thermocouple sheaths with a high resistance to oxidation. E. V. Degtiareva, Sbor. nauch. trud. UNIIO no.5:108-112 '61.
Recrystallization of silicon carbide in refractory products during high-temperature firing in a reducing atmosphere. I. S. Kainarskii, E. V. Degtiareva, V. A. Kukhtenko. Sbor. nauch. trud. UNIIO no.5:92-107 '61.
Relaxation of photoconductivity and the lifetime of current carriers in silicon carbide. G. F. Kholuianov. Fiz. tver. tela 4 no. 11:3170-3176 N '62.

SILICON CHLORIDE
Extraction purification of silicon tetrachloride. V. N. Chesnokov, V. V. Krapukhin, G. D. Chernukha. Zhur. prikl. khim. 35 no. 10:2161-2165 O '62.

SILICON CHLORIDE—SPECTRA
Bands of the SiCl molecule in the region 3220-2735 Å. I. E. Ovcharenko, IU. IA. Kuztakov. Opt. i spektr. 13 no. 5:635-641 N '62.

SILICON-CHROMIUM ALLOYS see Chromium-silicon alloys

Photoconductivity spectra of silicon single crystals related to residual impurities. A. F. Plotnikov, V. D Tkachev, V. S. Vavilov. Fiz. tver. tela 4 no. 12:3575-3577 D '62.

SILICON CRYSTALS—DEFECTS
Energy spectrum of gamma-radiation defects in silicon. N. A Vitovskii, T. V. Mashovets, S. M. Ryvkin Fiz tver. tela 4 no 10:2845-2848 O '62.
Radiation defects in silicon doped with lithium. I. V. Smirnova, V. A. Chapnin, V. S. Vavilov Fiz tver. tela 4 no. 12:3373-3380 D '62
Structure defects in silicon single crystals studied by the photoconductivity method. V. S. Vavilov, A. F. Plotnikov, V. D. Tkachev. Fiz. tver tela 4 no. 12:3446-3454 D '62.

SILICON-IRON ALLOYS see Iron-silicon alloys

SILICON-MANGANESE ALLOYS see Manganese-silicon alloys

SILICON-MANGANESE-ALUMINUM ALLOYS—ANALYSIS
Optimum composition of silicon-manganese-aluminum deoxidizing alloys Sh M Mikiashvili Trudy Inst met AN Gruz. SSR 12,55-61 '62

SILICON ORGANIC COMPOUNDS
Preparation and properties of organosiloxanes containing hexachlorobicycloheptenyl radicals. M. V. Sholevskii and others. Zhur. prikl. khim. 35 no. 10:2302-2307 O '62.

SILICON ORGANIC COMPOUNDS—SPECTRA
Electron paramagnetic resonance spectra of anions of elements-substituted aromatic compounds. Part 1. Electron paramagnetic resonance spectra of anions of trialkylallylbenzenes and trialkylsilylalkylbenzenes. S. P. Solodovnikov, E. A. Chernyshev. Zhur. strukt. khim. 3 no. 6:665-666 '62.

SILICON OXIDE
Al_2O_3 - SiO_2 system. P. P. Budnikov, V. I. Kushakovskii. Zhur. prikl. khim. 35 no. 10:2146-2156 O '62.

SILICON-TUNGSTEN-NIOBIUM ALLOYS see Tungsten-niobium-silicon alloys

SILICONIOBOMOLYBDATES
New siliconiobomolybdenic complex. IU F. Shkarevskii Ukr khim zhur no. 9.1114-1115 '62

SILK—TESTING
Methods for testing the photostability in evaluating color fastness of silk fabrics. K. M. Markuze, L. S. Rilina. Standartizatsiia 26 no. 12:28-31 D '62.

SILK MANUFACTURE—HYGIENIC ASPECTS see subdivision under Margolan

SILLS (GEOLOGY) see subdivision under Crimean Mountains

SILOS
Standardization of reinforced concrete silos. V. I. Litvinenko. Prom. stroi. 40 no. 12:12-15 '62.

SILOXANES—SPECTRA
Vibrational spectra of organic compounds containing the elements of the IVth group (Si, Ge, Sn). Report No. 7: Infrared absorption spectra of substituted aminomethylsiloxanes and the frequencies of C-H bond streiching vibrations. K. A. Andrianov, L. M. Volkova, N. A. Chumnevskii. Izv. AN SSSR, Otd. khim. nauk no. 11:1958-1964 N '62.

SILUMIN
Erroneous conclusion of Scheil and R. Zimmerman, E. A. Boom Zhur. neorg. khim 7 no. 11 2643-2644 N '62

SILVER
Desorption of silver and the regeneration of electron exchange resins by the electrochemical method. A. B. Davankov, T. A. Aptova. Zhur. prikl. khim. 35 no. 10:2171-2175 O '62.
Diffusion of silver in liquid bismuth [with summary in English]. T. V. Vasylenko, IE. I. Khar'kov. Ukr. fiz. zhur. 7 no. 12:1345-1349 D '62.
Distribution of impurities of silver during the purification of thallium by crystallization methods. V. N. Vigdorovich and others. Zhur. prikl. khim. 35 no. 10:2165-2170 O '62.
Effect of hardening on vacancy concentration in copper and silver condensates. A. S. Palatnik, A. I. Il'inskii. Fiz. tver. tela 4 no. 12:3564-3567 D '62.

SILVER—ANALYSIS
Quantitative determination of silver based on the oxidation of chromite to chromate. M. N. Tul'chinskii. Izv. vys. uch. zav.: khim. i khim. tekh. 5 no. 4:660-670 '62.

SILVER—ELECTRIC PROPERTIES
Self-diffusion of electron transfer in intercrystallite joining of silver. S. M. Klotsman, A. N. Timofeev, I. Sh Trakhtenberg. Fiz. met. i metalloved. 14 no 5:793-795 N '62.

Mobility of Ag^{110} in magnesium P. P Kuz'menko, L. F. Ostrovskii. Fiz. tver. tela 4 no 10:2984-2986 O '62.

SILVER-ALUMINUM ALLOYS see Aluminum-silver alloys

SILVER CHLORIDE
Interaction in the system AgCl+Cu$_2$CuCl+Ag A. P. Palkin, IU P Afinogenov Zhur neorg khim 7 no 11 2606-2610 N '62
Kinetics of the formation of a photoelectret state in silver chloride V I Bugrienko. Fiz. tver tela 4 no. 11:3152-3155 N '62.

SILVER HALIDES
Solubility of silver halides and thallium (I) iodide in aqueous solutions of similar alkali metal salts V E. Mironov Zhur neorg khim 7 no 11 2630-2631 N '62

SILVER SALTS
Soluble complexes of unsaturated hydrocarbons with metal salts and their role in catalytic reactions. Part 2: Soluble compounds of acetylene with silver salts. O N Temkin, R. M. Flid, A I Malakhov Kin. i kat 3 no. 6,915-919 N-D '62.

SIMEIZ—GUIDEBOOKS
Shaporev, F. F. [Simeiz; regional study and guidebook] Simeiz, kraevedcheskii ocherk-putevoditel'. Izd. 2. Simferopol', Krymizdat, 1962. 87 p.

SIMFEROPOL'—SHOE INDUSTRY—LABOR PRODUCTIVITY
Khomenko, I. A. [Making every minute count] Dorozha kazhdoi minuty. Simferopol', Krymizdat, 1961. 29 p.

SIMILITUDE, THEORY OF see Dimensional analysis

SIMMENTHAL CATTLE see subdivision under Ukraine

SIMPSONITE
Crystalline structure of simpsonite $Al_4Ta_3O_{13}$ (F, OH). S. V. Borisov, N. V. Belov. Dokl. AN SSSR 147 no. 3: 683-686 N '62.

SIN
Sin. M. Kublanov. Nauka i rel. 4 no. 12:16-20 D '62.

SINGERS
"Carmen" from the Ukraine. Taira Sularko. Ukraina no 24 4 D '62

SINGING—COMPETITIONS see subdivision under Warsaw

SINTERING
Comparative characteristics of the rate of sintering of Chiatura manganese ores M. A Kekelidze, V. V. Perova. Trudy Inst met. AN Gruz. SSR 12 29-34 '62.
Constant basicity of the sinter is a law. R. D. Kamenev, M. A. Sukonnik, M. A. Katsnel'son. Metallurg 7 no. 12: 2-4 D '62.
Effect of manganese ore grain size on the sintering process and quality of the sinter. V. V. Perova Trudy Inst met AN Gruz. SSR 12,35-44 '62
Results of the industrial sintering of washed Chiatura I C manganese ores. M. A. Kekelidze and others. Trudy Inst met. AN Gruz. SSR 12,19-28 '62

SINUSITIS
Sinobronchitis and sinopneumopathies in infants [with summary in English]. A. K. Svetlova and others. Pediatriia 41 no. 9:19-24 S '62.

SKACHKOV, PETR EMEL'IANOVICH, 1892-
P. E Skachkov's 70th birthday. Krat soob Inst. nar. Az. no 55-3-7 '62.

SKADOVSKII, SERGEI NIKOLAEVICH, 1886-1962
Sergei Nikolaevich Skadovskii (1886-1962), an obituary. Trudy Gidrobiol. ob-va 12:420-428 '62.

SKARN see subdivision under Maykhura Valley

SKATING
First experiment in radioelectrocardiography for competing skaters. V. V. Rozenblat, A. T. Vorob'ev, R. V Unzhin. Teor. i prak. fiz. kul't 25 no. 10:62-68 O '62.
Ice skating. Z. Potinkevich. Doshk. vosp. 35 no. 12: 47-49 D '62.

SKATING RINKS see subdivision under Moscow

SKHODNYA—FURNITURE INDUSTRY—ACCOUNTING
Organization of standard accounting in the furniture industry. N. Zarudnyi. Bukhg. uchet 19 no. 11:19-25 N '62.

SKIN
Formation of the cuticle and hypodermis in Spirocerca lupi (Rudolphi, 1809). IU. K. Bogoiavlenskii. Trudy Gel'm. lab. 11:32-37 '61.
Recent data on the histological structure of the cuticle and hypodermis in Dioctophyme renale (Goeze, 1782). IU. K. Bogoiavlenskii, N. V. Pulleevskaia. Trudy Gel'm. lab. 11:50-53 '61.
Skin sensitivity in subjects working in absolute darkness and in light [with summary in English]. V. P. Kamchatnov. Zhur. vys. nerv. delat. 12 no. 1:37-39 Ja-F '62.

Occupational dermatoses caused by products of the pyrolysis of petroleum and the possibilities of their degeneration into skin cancer [with summary in English] T. S. Bruevich. Gig. truda i prof. zab. 6 no. 6 38-43 Je '62

SKIN—CARE AND HYGIENE

Skin infections can be prevented. M. Bagnova. Okhr. truda i sots. strakh. 5 no. 11 45 N '62

SKIN—DISEASES

Dermatitis herpetiformis in children. F. A. Zverkova. Pediatriia no. 7 75-78 '62

SKIN—TUMORS

Lass, D. I. [Are all skin tumors dangerous?, benign skin tumors] Vse li opukholi kozhi opasny?; dobrokachestvennye opukholi kozhi. Moskva, Medgiz, 1962. 26 p. (Nauchno-populiarnaia meditsinskaia literatura) (DNLM)

SKIN GRAFTING

Effect of freeze-drying on the antigenic properties of the skin [with summary in English]. E. M. Santiants. Khirurgiia 38 no. 10:28-31 O '62

Late results of plastic surgery of a scalping wound of the penis and scrotum. Iu. M. Prokhorov. Urologiia no. 5 63-64 '62.

Preservation of the skin by the freeze-drying technic. A. G. Fedotenkov, L. A. Danilova, I. P. Dishkant. Probl. gemat. i perel. krovi no. 9:45-48 '62

SKIS AND SKIING

Acclimatization time of skiers in mountains during preparatory and basic training. L. S. Sokolova, S. B. Tikhvinskii, N. I. Tavastsherna. Teor. i prak. fiz. kul't. 25 no. 10 28-30 O '62

Changes in the movement resistance of sleighs and skis with atmospheric temperature. M. M. Korunov. Izv. vys. ucheb. zav., les. zhur. 4 no. 5:165-167 '61.

Characteristics of the execution of a jump from a take-off under artificial covering. E. A. Grozin. Teor. i prak. fiz. kul't. 25 no. 10 55-57 O '62.

Development of "time sense" in young skiers. E. P. Korytnikov. Dokl. APN 6 no. 1:117-118 '62

Shive path for summer training of skiers. K. K. Kops. Teor. i prak. fiz. kul't. 25 no. 9 55 S '62

SKOBELEV, ALEKSANDR SERGEEVICH, 1886-1923

"Aleksandr Neverov" by N. Strakhov. Reviewed by E. Usyskina. Vop. lit. 6 no. 10:232-234 O '62

SKOVORODA, GRIGORII SAVVICH, 1722-1794

"Works in two volumes" by Grigorii Skovoroda. Reviewed by P. S. Shkurinov. Vop. filos. 16 no. 12 165-167 '62.

SKRIABIN, KONSTANTIN IVANOVICH, 1878-

He cleans the soil. G. Tabachnik. Ogonek 40 no. 39 4-5 S '62.

SKULL—FRACTURE

"Treatment of fractures of the base of the skull. Fronto-basal and laterobasal fractures of the nose, accessory sinuses and ear" [in German] by H. G. Boenninghaus. Reviewed by B. A. Samotokin and P. M. Panchenko. Vest. khir. 89 no. 9:138-139 S '62.

SKULL—WOUNDS AND INJURIES

Conference on the problems of craniocerebral trauma. I. M. Grigorovskii. Khirurgiia 38 no. 10:147-149 O '62.

Morphological changes in the blood picture in closed cranial trauma. M. K. Maksunova. Zdrav. Tadzh. 9 no. 5 45-47 '62.

SLAG

Agloporite made from peat slags of the Leningrad Hydroelectric Power Station No. 5. L. E. Protas. Sbor. trud. VNIIENSM no. 6 84-91 '62

Alizade, Z. I. [The principal open-hearth slags as a raw material for construction] Osnovnye martenovskie shlaki - stroitel'noe syr'e. Baku, Azerneshr, 1961. 145 p.

Causes of the crumbling of titania-alumina slags. N. V. Gul'ko. Sbor. nauch. trud. UNIIO no. 5:299-302 '61.

Kinetics of sulfur transition from cast iron into slag. V. A. Grigorian, V. A. Marichev. Lit. proizv. no. 11: 30-32 N '62.

Mechanism of slag formation during the melting period in high capacity open-hearth furnaces. V. A. Shcherbakov and others. Izv. vys. ucheb. zav., chern. met. 5 no. 11:48-56 '62.

Production of solid crystalline cast material from basic types of blast-furnace slag. V. M. Verbitskii and others. Stroi. mat. 8 no. 11:14-16 N '62.

Vsesoiuznoe soveshchanie po fizicheskoi khimii rasplavlennykh solei i shlakov. [Abstracts of reports of the All-Union Conference on the Physical Chemistry of Fused Salts and Slags] Tezisy dokladov. Sverdlovsk, Akad. nauk SSSR, 1960. 70 p. [MICROFILM]

SLAG—TESTING

Phase constitution of slags during the electric melting of stainless steels. E. I. Kadinov, T. I. Litvinova, S. I. Khitrik. Izv. vys. ucheb. zav.; chern. met. 5 no. 11: 61-68 '62.

SLAVIC LANGUAGES

Filin, F. P. [Language development of the Eastern Slavs] Obrazovanie iazyka vostochnykh slavian. Moskva, Izd-vo Akad. nauk SSSR, 1962. 293 p.

SLAVIC STUDIES

(see also subdivision under Ukraine)

Berkov, P. N. [International cooperation of Slavists and problems in the organization of a bibliography of Slavic studies] Mezhdunarodnoe sotrudnichestvo slavistov i voprosy organizatsii slavianovedcheskoi bibliografii. Moskva, Akad. nauk SSSR, 1958. 31 p. (IV Mezhdunarodnyi s"ezd slavistov. Soobshcheniia) (NNC)

SLAVS see subdivision under Austria

SLAVS, EASTERN

Filin, F. P. [Language development of the Eastern Slavs] Obrazovanie iazyka vostochnykh slavian. Moskva, Izd-vo Akad. nauk SSSR, 1962. 293 p.

SLEEP

Conditioned reflex respiratory changes in relation to sleep inhibition [with summary in English]. D. A. Birtukov, T. P. Shlafer, M. I. Iakovleva. Zhur. vys. nerv. deiat. 12 no. 1 22-29 Ja-F '62.

SLEEP THERAPY

Agrypnotic syndrome in vascular and traumatic diseases of the brain and neuroses and the change in it under the influence of electrosleep. E. I. Kulikova (Lebedinskaia). Trudy Gos. nauch.-issl. inst. psikh. 25:763-776 '61.

Dynamics of the bioelectrical activity of the brain and the state of the capillaries in cerebral atherosclerosis with insomnia during the period of electrosleep therapy. E. I. Kulikova (Lebedinskaia). Trudy Gos. nauch.-issl. inst. psikh. 25:228-242 '61.

Treatment with nobsiron of sleep disorders. E. I. Kaganovskaia, B. I. Khavin. Trudy Gos. nauch.-issl. inst. psikh. 25 795-799 '61.

SLEEPLESSNESS see Insomnia

SLEIGHS AND SLEDGES

Changes in the movement resistance of sleighs and skis with atmospheric temperature. M. M. Korunov. Izv. vys. ucheb. zav., les. zhur. 4 no. 5:165-167 '61.

SLINGSTONES see subdivision under Panticapaeum

SLOVAKIA—AGRICULTURE

"The development of Slovak agriculture, 1948-1960" [in Slovak] by A. Balaf. Reviewed by N. M. Pashaeva. Vop. ist. no. 11:191 N '62.

SMALL BUSINESS see subdivision under United States

SMELL

Analyzers and their condition in rural inhabitants. E. A. Khairushev. Zdrav. Kazakh. 22 no. 3 44-46 '62

Interaction between the olfactory and auditory, as well as the olfactory and photic components of simultaneous complex stimuli [with summary in English]. E. G. Vatsuro, V. K. Shepeleva. Zhur. vys. nerv. deiat. 12 no. 1:103-109 Ja-F '62.

SMELTING FURNACES

Concerning L. I. Morozis article "Problems concerning the methodology of the design of ore-smelting furnaces." IA. B. Dantsis. Prom. energ. 17 no. 11:43-46 N '62.

Sidel'kovskii, L. N., and A. P. Shurygin. [Industrial cyclone systems] Tsiklonnye energotekhnologicheskie ustanovki. Pod obshchei red. L. N. Sidel'nikovskogo. Moskva, Gosenergoizdat, 1962. 79 p.

SMIRNOV, SERGEI SERGEEVICH, 1895-1947

Father of Soviet metallogeny; on the 15th anniversary of the death of Academician S. S. Smirnov. V. I. Smirnov. Zakonom. razm. polezn. iskop. 5:5-16 '62.

In memory of Academician Sergei Sergeevich Smirnov. F. I. Vol'fson, L. I. Lukina, G. A. Sokolov. Geol. i rud. mestorozh. no. 6:114-116 N-D '62.

SMOKED FISH see Fish, Smoked

SMOKED MEAT see Meat, Smoked

SMOLENSK—CIVIC IMPROVEMENT

Kovalenko, D. P. [Smolensk tomorrow] Smolensk zavtra. [Smolensk] Smolenskoe knizhnoe izd-vo, 1961. 40 p. [MICROFILM]

SMOLENSK PROVINCE—PUBLIC HEALTH

At the Board of the Ministry of Public Health of the R. S. F. S. R. E. M. Umnova. Zdrav. Ros. Feder. 6 no. 11:38-40 N '62.

SMUTS see subdivision under Kharkov Province; Khmel'nitskiy Province; Pugachev District

Benzene hexachloride in the control of dwarf bunt of wheat. A. L. Storchevoi. Zashch. rast. ot vred. i bol. 6 no. 8:17-19 Ag '61.

Corn smut. N. I. Salunskaia, V. I. Shkodenko, V. A. Stetsenko. Zashch. rast. ot vred. i bol. 7 no. 8:36-37 Ag '62

Effect of harvesting dates on the infection of plants of loose smut. I. IA. Balkov. Zashch. rast. ot vred. i bol. 6 no. 8 55 Ag '61.

Micro-organisms antagonistic to Ustilago zeae Ung. [with summary in English]. Z. N. Fedoseeva. Mikrobiologiia 31 no. 3 499-501 My-Je '62.

Practice in controlling common bunt of wheat on the Totskoye State Farm. A. D. Tsatrin. Zashch. rast. ot vred. i bol. 6 no. 8 19-20 Ag '61.

Role of combine harvesting of corn in the control of corn smut. F. I. Nemlienko, I. E. Sidenko. Zashch. rast. ot vred. i bol. 7 no. 8 25-27 Ag '62

Tetramethylthiuram-disulfide in the control of corn smut of corn. M. P. Kulpinova. Zashch. rast. ot vred. i bol. 6 no. 8 28 Ag '61.

SNEHNEV, IEVHEN

"Was I right?" by Ievhen Snehnev. Reviewed by I. Bolko. Rad. shk. 11 no. 9:89-90 S '62.

SNOW see subdivision under Kazakhstan, Sevastopol

SNOW—ELECTRIC PROPERTIES see subdivision under Antarctic regions

SNOW LEOPARD see subdivision under Tatra Mts.

SNOW SURVEYS

Snow surveys with seventh grade students. F. I. Usol'tseva. Geog. v shkole 25 no. 6:42-45 N-D '62

SNOWPLOWS

Small snowplows. R. N. Ulianov. Gor. khoz. Mosk. 3 no. 10:29-31 O '62.

SOAKING PITS see Furnaces, Heating

SOAP INDUSTRY—EQUIPMENT AND SUPPLIES see subdivision under Leningrad

SOCCER

(see also subdivision under Kiev)

Soiuz sportivnykh obshchestv i organizatsii SSSR. Tekhnyi sovet. [Soccer; program for children's sports schools] Futbol; programma dlia detskikh sportivnykh shkol. Moskva, Izd-vo "Fizkul'tura i sport," 1962. 50 p.

SOCHI—HARBOR

Combined professions in the Sochi harbor fleet. I. N. Smirnov. Mor. flot 22 no. 11 25-26 N '62.

SOCHYVETS', IVAN, 1917-

"A distinguished matchmaker; satiric stories" by I. Sochyvets'. Reviewed by Petro Krasiuk. Ukraina no. 15 D '62.

SOCIAL CONDITIONS

"The capitalist world is a world of exploitation and lawlessness. Komm. Vooruzh. Sil 3 no. 22 86-87 N '62.

"Future of freedom" by Dyson and Charlotte Carter. Reviewed by L. Sedin. Kul't. i zhizn' 6 no. 10 41-4 '62.

SOCIAL CONFLICT

Definition of the social antagonistic and nonantagonistic contradictions. A. F. Serov. Trudy Kuib. av. inst. no. 11:3-14 '60.

SOCIAL ETHICS see subdivision under Chechen-Ingush A.S.S.R.

SOCIAL GROUP WORK see subdivision under Moscow Ukraine

SOCIAL HYGIENE see Public health

SOCIAL INSURANCE see Insurance, Social

SOCIAL PROBLEMS

(see also subdivision under Barda District; Krasnodar Kuybyshev; United States)

The end of his "golden days." G. Honchenko. Gov. fin. no. 12:28-29 Je '62

Pretrial procedure and judicial examination of cases concerning the punishment of loafers. G. Lovitskii. Sov. iust. no. 12:12-14 Je '62.

Semenov, M. G. [Let us clear our fields of weeds] Khudiu travu - a polia von; zametki satirika. Moskva, Gospolitizdat, 1962. 94 p.

Struggle for the new is the general feature of our movement toward communism. G. Smirnov. Kommunist 39 no. 1:36-38 Ja '63.

We should promote the study of the development of communist social relations. I. I. Vasil'ev, V. S. Nazkov. Vop. filos. 16 no. 11:141-145 '62.

SOCIAL PSYCHOLOGY

Ideology, social psychology, and moral factors. T. Kondratkov. Komm. Vooruzh. Sil 3 no. 22:50-57 N '62.

SOCIAL SCIENCE RESEARCH

Social sciences and the building of communism [with summary in English, p. 219]. Vop. ist. no. 11:3-8 N '62.

Some theoretical principles, problems and methods of sociological studies. M. T. Iovchuk, G. V. Osipov. Vop. filos. 16 no. 12:23-24 '62.

Soviet social sciences are an effective weapon in our struggle for communism Vop filos 16 no 12:13-22 '62.

"The 22d Congress of the CPSU and the objectives of the departments of social sciences" Book review Kommunist 39 no.1 121-122 Ja '63.

SOCIAL SCIENCES—BIBLIOGRAPHY see Bibliography—Social sciences

SOCIAL SCIENCES—STUDY AND TEACHING

Moscow. Akademiia obshchestvennykh nauk. [Curricula and programs for the system of political education, for the students of political schools, groups, seminars, elementary economic schools, primary technical schools, agrotechnical schools and for individual students] Uchebnye plany i programmy dlia sistemy politshkol, kruzhkov,, seminarov, nachal'nykh ekonomicheskikh shkol i izuchaiushchikh po individual'nym planam. Moskva, Sotsekgiz, 1962. 440 p.

SOCIALISM

Sharlia, K.S. [Problems in the correlation of two phases of communist society] Nekotorye voprosy sootnoshenila dvukh faz kommunisticheskogo obshchestva. Tbilisi, Akad. nauk Gruzinskoi SSR, 1961. 56 p.
(MIl) (NJP)

SOCIALISM, CHRISTIAN

Levada, IU.A. [Present-day Christianity and social progress] Sovremennoe khristianstvo i sotsial'nyi progress. Moskva, Sotsekgiz, 1962. 206 p.

SOCIALIST COMPETITION
(see also subdivision under Ukraine, Vietnam, North, White Russia)

Aiming for the distinguished title of "Enterprise of Communist Labor." V.I. Datskin Masl.-zhir.prom. 28 no.11:1-5 N '62.

Expand the communist labor movement. N. Istent'ev Den'kred. 20 no.10 30-35 O '62

For communist labor; survey of correspondence and letters received by the editors. Fin.SSSR 23 no.11: 30-03 N '62.

Let the lights of socialist competition burn brighter! Stroitel' 8 no.9 24-26 S '62.

Movement of communist labor collectives and shock workers in the U.S.S.R. S. Gershberg. Biul.nauch. inform. trud i zar.plata 5 no.11:14-18 '62

Socialist competition at the Rzhevsk oil factory. O.L. Zvereva. Masl.-zhir.prom. 28 no.11:5-6 N '62

Socialist competition in the enterprises of oil, perfumery and cosmetics industry under the Moscow City Economic Council. V.U. Krechek. Masl.-zhir.prom. 28 no.11:1-3 N '62.

Socialist competition in the general feature of our social development. V. Smol'kov. Komm. Vooruzh. Sil 3 no.21:8-16 D '62

[Struggling for a sound track] V bor'be za zdorovyi pul'. Moskva, Transzheldorizdat, 1962. 70 p. (Zheleznodorozhniki - peredoviki sotsialisticheskogo sorevnovaniia)

What are the requisites for awarding an honorary title? Sov. profsoiuzy 18 no.23:25-27 D '62.

SOCIALIST COMPETITION—CONGRESSES

Along new and unexplored paths. Sov. profsoiuzy 18 no.22 8-10 N '62.

SOCIALIST PARTY see subdivision under Hungary

SOCIALIST REALISM

Dobin, E.S. [Hero. Plot. Detail.] Geroi, Siuzhet. Detal'. Moskva, Sovetskii pisatel', 1962. 407 p.

"Typification in the literatures of socialist realism" by Andrii Kostenko. Reviewed by I.O. Svitlychnyi. Rad. lit. 6 no.6:134-137 N-D '62.

SOCIETY, PRIMITIVE

The role of tribal relations in primitive society. K.I. Vlasov. Vop.filos. 16 no.11:130-140 '62.

Several problems in the history of primitive society. S.V. Kiselev. Krat. soob. Inst. arkheol. no.86:3-8 '62.

SOCIOLOGY
(see also subdivision under United States)

"The current theories of bourgeois sociology" by V.I. Ugrimov. Reviewed by O.A. Egorov. Vop filos. 16 no.12:176 '62.

Pliushch, L. [Content and form] Soderzhanie i forma. [Moskva] Mosk. rabochii, 1962. 62 p. (Obshchedostupnaia bibliotechka po filosofii)

Sociology and politics [with summary in English, p. 185]. F.V. Konstantinov. Vop.filos. 16 no.11:3-18 '62.

SOCIOLOGY—CONGRESSES

A review and evaluation of the work of the Fifth International Sociological Congress. V.S. Semenov. Vop. filos. 16 no.11:19-35 '62.

Some theoretical principles, problems and methods of sociological studies. M.T. Iovchuk, G.V. Osipov Vop. filos. 16 no.12:23-24 '62.

SODIUM

Magnetic shielding of Na^{23} nuclei in alkali halide crystals. V.S. Grechishkin, M.L. Zlatogorskii, A.N. Ostpenko. Fiz.tver.tela 4 no.10:2087-2089 O '62.

Studying the optical functions of the excitation of sodium by the photoelectric method. I.P. Zapesochnyi, L.L. Shimon. Opt. i spektr. 13 no.5 621-625 N '62

SODIUM CARBONATE

Effect of the intensity of mixing on the dimensions of crystals formed during decomposition of sodium fluorosilicate by sodium carbonate solutions. G.A. Lopatkina, G.N. Bogachov, N.S. Voleiko. Zhur.prikl. khim. 35 no.10 2180-2184 O '62.

SODIUM CHLORIDE CRYSTALS

Phonon scattering on impurity ions of Ag, Br, K, Li, I, Rb in sodium chloride crystals. E.D. Deviatkova, M.I. Kornfel'd, I.A. Smirnov. Fiz.tver.tela 4 no.12:3669-3670 D '62.

Wave function and energy of a NaCl crystal with an excess electron Z.IA. Uvsepv, K.B. Tolpygo. Fiz.tver. tela 4 no.12:3644-3653 D '62.

SODIUM CHROMATE

Catalytic decomposition of H_2O_2 by $Na_2CrO_4+BaCl_2$ salts and barium peroxychromate formation. G.L. Petrova, R.I. Zaitseva, S.A. Miroshnichenko. Izv.vys.uch.zav., Khim.i khim.tekh. 5 no.4:533-535 '62.

SODIUM FLUORIDE

Melting diagram of the system consisting of lithium and potassium pyrophosphates and sodium fluoride. A.G. Bergman, V.P. Gorlacheva Zhur.neorg.khim. 7 no.11 2617-2618 N '62

SODIUM FLUOSILICATE

Effect of the intensity of mixing on the dimensions of crystals formed during decomposition of sodium fluorosilicate by sodium carbonate solutions. G.A. Lopatkina, G.N. Bogachov, N.S. Voleiko Zhur.prikl. khim. 35 no.10 2180-2181 O '62.

SODIUM IN THE BODY

Correlation between blood chlorides and sodium in the blood plasma in acute myocardial infarct [with summary in English]. M.I. Zolotova-Kostomarova, V.A. Borzov. Vrach.delo no.12:15-18 D '62

Determining the potassium and sodium content of isolated muscle fibers by spectrum analysis [with summary in English] I.A. Voronova. Vest.LGU 17 no.21 86-93 '62.

Potassium and sodium distribution in the different sections and tissues of the heart of different animals [with summary in English]. V.S. Sal'manovich Biul. eksp.biol.i med. 54 no.11 58-62 N '62

SODIUM IODIDE CRYSTALS

Dependence of the roentgenoluminescence of NaI-Tl crystals on the temperature and activator content [with summary in English] V.N. Vyshnevs'kyi and others. Ukr. fiz.zhur. 7 no.12:1292-1297 D '62.

SODIUM OXIDE—ELECTRIC PROPERTIES

Effect of an alkali metal oxide on the n-type conductivity of Fe-containing glasses. K.K. Evstrop'ev, V.A. Tsekhomskii. Fiz.tver.tela 4 no.12:3300-3305 D '62

SODIUM PERBORATES

Preparation and properties of sodium perborate monohydrate. T.I. Arnol'd, N.N. Stasevich. Izv. AN SSSR, Otd.khim.nauk no.11:1921-1924 N '62.

SODIUM PHOSPHATES

Mutual volumetric determination of cerium salts and trisodium orthophosphate. A.I. Ul'ianov, T.I. Kazakova Izv. AN SSSR, Otd.khim.nauk no.11:2099-2102 N '62.

SODIUM SULFATES

Thermodynamic analysis of some reactions occurring during the reduction of sodium sulfate by carbon. A.A. Fotiev. Zhur.prikl.khim. 35 no.11:2402-2409 N '62.

SODIUM TANTALATE

X-ray diffraction analysis of the phase transitions in sodium tantalate. I.G. Ismailzade Kristallografiia 7 no.5:718-723 S-O '62

SOFIA—BALLET

Test for creative maturity. Liubomir Gorianov. Sov. muz. 25 no.10:123-124 O '62

SOIL—MICRO-ORGANISMS see subdivision under Leningrad Province

SOIL, PODZOLIC see Podzol

SOIL ACIDITY

Nature of exchange acidity in Red soils. M.Sh. Rustamov. Izv. AN Azerb.SSR, Ser.biol.i med.nauk no.6:65-70 '62.

SOIL BINDING

Biological method for consolidating the slopes of the dam of the Volga Hydroelectric Power Station (22d Congress of the CPSU). M.E. Gavrish Les.khoz. 15 no.10:33-35 O '62.

SOIL BIOLOGY see subdivision under Karabakh Steppe

SOIL CEMENT

"Using soils in the construction of road pavements and foundations" by K.A. Kniaziuk Reviewed by M.F. Ierusalimskaia. Avt.dor. 25 no.11.30 N '62

SOIL CONSERVATION see subdivision under Chuvashia, Kiev Province; Poltava Province

SOIL DISINFECTION

[Manual on communal hygiene] Rukovodstvo po kommunal'noi gigiene Moskva, Medgiz
Vol. 2. 1962 703 p

SOIL FAUNA

Effect of row crop rotation on soil inhabiting pests. A.I. Zhadchevskii Zashch.rast.ot vred.i bol. 7 no.4:31-32 Ap '62.

Poisons for controlling soil-inhabiting pests. D.M. Palkin, I.N. Sazonova Zashch.rast.ot vred.i bol. 5 no.2:39-40 F '60

SOIL FERTILITY

Methods for economic valuation of the components of a complex of agricultural practices. A.P. Varitsev. Izv.AN Mold.SSR no.2 46-51 '62

SOIL MECHANICS

Deformation of soil foundations of finite width under eccentric loading on a continuous footing. K.E. Egorov, O.D. Shilova. [Trudy] NII osn. no.49:5-16 '62

Graphic method of making calculations for soil foundations by deformations. O.I. Ignatova, V.V. Mikheev. [Trudy] NII osn. no.49:87-104 '62.

Mechanical breaking down of soils and rock. M.I. Smorodinov. [Trudy] NII osn. no.49:90-96 '62.

Methods of investigating the mechanical properties of naturally bedded soils M.N. Gol'dshtein, O.M. Reznikov Osn., fund.i mekh.grun. 4 no.5 27-29 '62

Russia (1923- U.S.S.R.) Gosudarstvennyi komitet po delam stroitel'stva. [Construction specifications and regulations] Stroitel'nye normy i pravila. Moskva, Gosstroizdat.
Pt.2, Sec.B, ch.1. [Foundations of buildings and structures; design specifications (SNiP II-B, 1-62)] Osnovaniia zdanii i sooruzhenii normy proektirovaniia (SNiP II-B, 1-62). 1962. 20 p.

Significant increase in the pressure on soil foundations of large-block buildings. D.E. Pol'shin and others [Trudy] NII osn. no.49:60-67 '62.

Vinokurov, E.F. [Structural properties of moraine soil] Stroitel'nye svoistva morennykh gruntov. Minsk, Izd-vo AN BSSR, 1962. 122 p.

SOIL MICRO-ORGANISMS

"Capillary methods for studying micro-organisms" by B.V. Perfil'ev, D.R. Gabe. Reviewed by S.I. Kuznetsov. Mikrobiologiia 31 no.3 571-573 My-Je '62.

Interrelations between micro-organisms decomposing plant residues in comple cultures [with summary in English]. V.IA. Chastukhin, M.A. Nikolaevskaia. Uch.zap.LGU. no.313:23-33 '62.

Mechanization of the control of soil-inhabiting fungi. E.F. Limnik Zashch.rast.ot vred.i bol. 5 no.2:57 F '60.

Review of studies on soil mycoflora in the U.S.S.R Report No.2. O.P. Kamyshko. Bot.zhur. 47 no.10: 1493-1498 O '62.

Use of rock asphalt for the stimulation of soil microflora. G.S. Kasimova. Uch.zap.AGU, Biol.ser. no.6:19-25 '60.

SOIL MOISTURE

Effect of forest litter on soil moisture in a pine forest. L.E. Voroshyn. Visnyk sil'hosp.nauky 5 no.10:61-65 O '62.

Effect of grass cultivation in the interrows of irrigated vineyards on the moisture and nutritive conditions of soils. M.K. Kasumova. Trudy Azerb.nauch.-issl. inst.sad., vin.i subtrop.kul't. 40-54 '62.

"Study of the density and moisture of soils using radioactive methods" by A.E. Babynets', S.T. Zvol'skyi. Reviewed by N.N. Kostura, S.N. Kudin. Geol.zhur. 22 no.5:109-110 '62.

SOIL PERCOLATION
(see also subdivision under Negoreloye region)

Application of a semi-inverse method in solving problems concerning percolation under hydraulic structures [with summary in English]. S.L. Gheorghitza. Ukr. mat.zhur. 14 no.4:362-365 '62.

New method for calculating the movement of ground waters I.A. Shegirev. Gidr.i mel. 14 no.11:31-34 N '62.

SOIL PHYSICS see subdivision under Kiev Province

SOIL RESEARCH

Measurement of the conditionally instantaneous modulus of elasticity in tenacious soils [with summary in English]. G.M. Lomize, A.M. Gutkin, N.V. Zhukov. Inzh.-fiz.zhur. 5 no.6:61-66 Je '62.

SOIL STABILIZATION - CONGRESSES

SOIL TEMPERATURE

SOIL TESTING

SOLAR BATTERIES

SOLAR CELLS

SOLAR DISTILLATION

SOLAR ENERGY

SOLAR HEATING

SOLAR PLEXUS

Applying the luminescent method of studying the sorption of water by celluloses to characterize their structure I. N. Ermolenko, M. Z. Gavrilov, L. F. Gladchenko. Trudy LTA no. 91:83-87 '60

Evaluation of the packing density of solid polymer chains. Part 5. Determination of the specific surface area of polymers by means of nitrogen vapor sorption (with summary in English). M. V. TSilipotkina and others. Vysokom. soed. 4 no. 12:1844-1850 D '62

Heat of wetting and sorption of water vapor by cellulose substances. A. V. Dumanskii, E. F. Nekriach. Trudy LTA no. 91:3-10 '60.

SOSIURA, VOLODYMYR, 1898-

The ringing voice of a poet; atheism in Volodymyr Sosiura's work. E. Raschenko. Voiov. ateist 3 no. 12: 51-52 D '62.

SOUND

Sound guards the harvest. N. Vorontsov. Nauka i zhizn' 29 no. 10:80 O '62.

SOUND—APPARATUS

An acoustic thermometer. M. I. Mordukhovich. Trudy Inst. fiz. atm. no. 4:30-80 '62.

SOUND—RECORDING AND REPRODUCING

Benediktov, A. A. [The sound system part of the motion-picture projector] Zvukovaia chast' kinoproektora. Izd. 2., perer. i dop. I. V. Shorom. Moskva, Iskusstvo, 1962. 167 p. (Biblioteka kinomekhanika)

SOUND—SPEED

Apparatus for measuring the velocity of sound in liquid metals and melts [with summary in English]. M. B. Gitis, I. G. Mikhailov, A. S. Khimunin. Vest. LGU 17 no. 22:52-55 '62.

Hyperacoustic properties of liquids and molecular structure [with summary in English]. M. I. Shakhparonov and others. Ukr. fiz. zhur. 7 no. 7:702-706 Jl '62.

Relation between the velocity of sound and the parameters of a liquid. N. F. Otpushchennikov. Izv. vys. ucheb. zav., fiz. no. 5:133-139 '62.

SOUND PRODUCTION BY ANIMALS

Sounds emitted by some fishes and their importance as signals [with summary in English]. V. R. Protasov, E. V. Romanenko. Zool. zhur. 41 no. 10:1516-1528 O '62.

SOUND WAVES

Experimental study of sound wave scattering in the atmosphere. M. A. Kallistratova. Trudy Inst. fiz. atm. no. 4:203-256 '62.

SOUTH AFRICA, REPUBLIC OF—RACE QUESTION

"Apartheid; a social exposition of the origin and development of apartheid idea" [in English] by N. J. Rhoodie, H. J. Venter. Reviewed by S. R. Kim. Vop. ist. no. 11: 178-180 N '62.

History has condemned this path. IU. Avdeev. Sov. iust no. 23-24-25 D '62

SOUTH CASPIAN DEPRESSION—GAS, NATURAL—GEOLOGY

Comparison of cross sections of Middle Pliocene sediments in connection with the oil and gas potentials of the South Caspian area of warping. A. A. Geodekian and others. Geol. nefti i gaza 6 no. 11:34-41 N '62.

SOUTH CASPIAN DEPRESSION—PETROLEUM GEOLOGY

Comparison of cross sections of Middle Pliocene sediments in connection with the oil and gas potentials of the South Caspian area of warping. A. A. Geodekian and others. Geol. nefti i gaza 6 no. 11:34-41 N '62.

SOUTH OSSETIA see Ossetia, South

SOUTHEAST ASIA COLLECTIVE DEFENSE TREATY

"The U. S. A. and SEATO" by S. M. Nesterov. Reviewed by N. S. Merzliakov. Vop. ist. no. 11:156-158 N '62.

Yankees in Thailand. S. Kiselev. Az. i Afr. segodnia no. 11: 41-43 N '62.

SOUTHERN BUG VALLEY—CHROMITE

Investigating Ukrainian chromites from the Bug valley deposit as raw material for the manufacture of chrome-magnesite refractories. F. S. Revzina. Sbor. nauch. trud. UNIIO no. 5:262-268 '61.

SOUTHERN RIGHT WHALE see subdivision under Pacific Ocean

SOVEREIGNTY

Soviet Autonomous Republics as a political form of the sovereignty of nations. K. D. Kormasova. Sov. gos. i pravo 32 no. 12:47-54 D '62.

The Soviet Union Republics are equal subjects of international law. M. V. IAnovskii. Sov. gos. i pravo 32 no. 12:55-64 D '62.

SOVIET BLOC see Communist Countries

SOVIET CENTRAL ASIA—AIR CONDITIONING

Results of testing under actual conditions the Kd A-55 home evaporative cooling air conditioner. B. G. Bagirov, IU. D. Chebanov, L. P. Fainberg. Vod. i san. tekh. no. 9:26-28 '62.

Protasov, P. V. [Nitrogen in cotton growing in Central Asia] Azot v khlopkovodstve Srednei Azii. Tashkent, Soiuz NIKHI, 1961. 163 p.
(CU)

SOVIET CENTRAL ASIA—CUCUMBERS

Thermal treatment of seeds and its effect on the yield and seed production of cucumbers and tomatoes [with summary in English]. K. I. TSytovich. Trudy po prikl. bot., gen. i sel. 34 no. 2:143-148 '61

SOVIET CENTRAL ASIA—FLIES—EXTERMINATION

Insecticidal properties of aqueous solutions of chlorophos with ammonium carbonate and their use for housefly extermination in Central Asia. I. V. Tivozdeva. Med. zhur. Uzb. no. 3:15-19 Mr '62.

SOVIET CENTRAL ASIA—GAS, NATURAL

Role of the natural gas reserves of the Central Asian republics in solving the problem of increasing the overall gas production of the U. S. S. R. V. G. Vasil'ev and others. Geol. nefti i gaza 6 no. 11:1-8 N '62

SOVIET CENTRAL ASIA—GAS, NATURAL—GLOLOGY

Relation between the quality of oils and gases and the dimensions of pools. I. A. Starobinets. Geol. nefti i gaza 6 no. 11:41-45 N '62.

SOVIET CENTRAL ASIA—GOAT BREEDS

New Soviet breed of wool goats. G. G. Zelenskii and others. Zhivotnovodstvo 24 no. 9:67-70 S '62

SOVIET CENTRAL ASIA—PARASITES—LIZARDS

Parasites of desert lizards in Central Asia. G. S. Markov, O. P. Bogdanov. Uch. zap. Volg. gos. ped. inst. no. 13:101-123 '61.

SOVIET CENTRAL ASIA—PETROLEUM GEOLOGY

Relation between the quality of oils and gases and the dimensions of pools. I. A. Starobinets. Geol. nefti i gaza 6 no. 11:41-45 N '62.

SOVIET CENTRAL ASIA—RED SPIDER

"Tetranychid mites of Kazakhstan, with a revision of the family" by V. A. Vainshtein. Reviewed by G. A. Beglarov. Zashch. rast. ot vred. i bol. 7 no. 2:61 F '62.

SOVIET CENTRAL ASIA—SAKSAUL

Cutting age of saksauls. A. V. Gvozdikov. Les. khoz. 15 no. 10:14-17 O '62.

SOVIET CENTRAL ASIA—STREAM MEASUREMENTS

Accuracy of measuring longitudinal slopes of the water surface in mountain rivers. R. A. Shestakova. Trudy GGI no. 96:131-146 '62.

Methodology of measuring depth and the accuracy in determining the area of cross sections of mountain rivers. O. N. Borsuk. Trudy GGI no. 96:99-130 '62.

Simplified methods of determining discharges of mountain rivers. R. A. Shestakova. Trudy GGI no. 96:147-164 '62.

Study of the pulsation of moving water in mountain rivers and its effect on the accuracy of discharge measurement. V. V. Dement'ev. Trudy GGI no. 96:56-98 '62.

SOVIET CENTRAL ASIA—TOMATOES

Thermal treatment of seeds and its effect on the yield and seed production of cucumbers and tomatoes [with summary in English]. K. I. TSytovich. Trudy po prikl. bot., gen. i sel. 34 no. 2:143-148 '61.

SOVIET FAR EAST—COAL GEOLOGY

Russia (1923- U. S. S. R.) Ministerstvo geologii i okhrany nedr. [Geology of coal and combustible shale deposits in the U. S. S. R.] Geologiia mestorozhdenii uglia i goriuchikh slantsov SSSR. Glav. red. I. I. Ammosov i dr. Moskva, Gosgeolkhizdat,
Vol. 10. [Coal basins and deposits in Kamchatka and the northeastern part of the U. S. S. R.] Ugol'nye basseiny i mestorozhdeniia Severo-Vostoka SSSR i Kamchatki. Red-kollegiia: G. G. Popov i dr. 1962. 403 p.

SOVIET FAR EAST—HISTORY

Krushanov, A. I. [The struggle for the Soviet regime in the Far East and the Transbaikalia; outline history of the development of party and government from March 1917 to March 1918] Bor'ba za vlast' Sovetov na Dal'nem Vostoke i v Zabaikal'e; ocherki po istorii partiinogo i gosudarstvennogo stroitel'stva, mart 1917 - mart 1918 g. Vladivostok, Akad. nauk SSSR, Sibirskoe otd-nie, 1961. 145 p.
(MH)

SOVIET FAR EAST—MINES AND MINERAL RESOURCES

Fortieth anniversary of the Soviet Far East. Sov. geol. 5 no. 11:3-5 N '62.

SOVIET FAR EAST—PROSPECTING—GEOPHYSICAL METHODS

Present status and problems, of geophysical investigations in Siberia and the Far East and prospects for developing them. E. E. Fotiadi. Geol. i geofiz. no. 10: 83-92 '62.

Dangerous soybean diseases in the Far East (conclusion). A. I. Nikitina. Zashch. rast. ot vred. i bol. 7 no. 8: 36-40 Ag '62.

SOVIET FAR EAST—TRICHINA AND TRICHINOSIS—HOST ANIMALS

Distribution of trichinelliasis in wild and domestic carnivorous animals in some regions of the Far East. D. P. Kozlov, V. L. Kostiimavičius. Trudy Gel'm. lab. 11: 126-129 '61

SOVIET UNION see Russia

SOVIETS

(see also subdivision under Kayskiy District, Kazakhstan, Korch; Krasnogorsk; Latvia; Lvov; Malgobek, Mary Province; Moscow; Novosibirsk; Novozybkov District; Ostrogozhsk District; Poltavskiy District; Riga; Ukraine)

Brief news of the work of the soviets. Sov. deput. trud. no. 11:98-99 N '62.

Brief news on the work of the soviets. Sov. deput. trud. no. 12:95-96 D '62.

Popova, V. I., and N. T. Savenkov. [Regional soviet of workers' deputies] Raionnyi Sovet deputatov trudiashchikhsia. Moskva, Gosiurizdat, 1962. 234 p.

Unfading stars of the October Revolution. Sergei Sartakov. Sov. deput. trud. no. 11:17-22 N '62.

SOWING

Parallel transfer of the check wire by a system of pulleys [with summary in English]. A. A. Zolenev. Izv. TSKHA no. 4:156 '62.

Planting wild pear by fruit. G. K. Smyk. Priroda 51 no. 12:110-111 D '62.

Seeding rates and dates for winter wheat in non-Chernozem areas. K. N. Godunova. Zemledelie 24 no. 7:27-31 Jl '62.

SOYBEAN

(see also subdivision under Moldavia, Ukraine)

The magician from the Far East. N. Vol'per. IUn. tekh. 7 no. 11:33-35 N '62

SOYBEAN—DISEASES AND PESTS see subdivision under Soviet Far East

SPACE BIOLOGY

Device for excrement removal in a hermetic cabin [with summary in English]. O. G. Gazenko, A. A. Giurdzhian, G. A. Zakhar'ev. Probl. kosm. biol. 1:328-335 '62

Ensuring life conditions for mice during a prolonged flight in a spaceship [with summary in English]. I. V. Baranovskaia, A. A. Giurdzhian. Probl. kosm. biol. 1:408-411 '62.

Problems of space biology [with summary in English]. N. M. Sisakian, O. G. Gazenko, A. M. Genin. Probl. kosm. biol. 1:17-26 '62.

Providing dogs with food and water under space flight conditions [with summary in English]. I. S. Balakhovskii, L. I. Karpova, S. F. Simura. Probl. kosm. biol. 1:345-358 '62.

Results of investigations in an artificial satellite [with summary in English]. I. S. Balakhovskii and others. Probl. kosm. biol. 1:350-370 '62.

Some problems of studying and conquering outer space [with summary in English]. N. M. Sisakian. Probl. kosm. biol. 1:5-16 '62.

Some results of medicobiological investigations in the second and third spaceships [with summary in English]. V. V. Antipov and others. Probl. kosm. biol. 1:267-281 '62.

Space biology, a new science. G. P. Parfenov. Biol. v shkole no. 6:78-85 Jl-Ag '62.

System of air regeneration in a hermetic cabin [with summary in English]. A. D. Seriapin. Probl. kosm. biol. 1:309-320 '62.

Textile clothing for fixing the animal in a hermetic cabin and the placement of sensors for recording physiological functions [with summary in English]. O. G. Gazenko, A. A. Giurdzhian. Probl. kosm. biol. 1:330-341 '62.

T

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S

Determining the induced radioactivity in the second spaceship. V. V Matveev, A. D. Sokolo.. Probl. kosm. biol 1 265-269 '62

Forward, to Mars! F 7Sander Nauka i zhizn' 29 no 10 22-25 O '62

Isakov, P. K., and R. A. Stasevich. [Speed, acceleration, weightlessness, some problems in physics and physiology in connection with atmospheric and space flights] Skorosti, uskoreniia, nevesomost', nekotorye voprosy fiziki i fiziologii primenitel'no k poletam v atmosfere i kosmicheskom prostranstve. Izd. 2., perer. i dop. Moskva, Voenizdat, 1962. 146 p. (Nauchno-populiarnaia biblioteka voennogo izdatel'stva)

SPACE FLIGHT—PHYSIOLOGICAL EFFECT

Appearance of dominant lethal mutations in Drosophila melanogaster during the space flight in a spaceship [with summary in English] G P Parfeno. Probl kosm biol 1:232-235 '62

Biochemical investigation of the blood and urea of animals after the flight in a spaceship [with summary in English]. A A Gurdzhian and others. Probl. kosm. biol 1 152-160 '62

Changes in some morphological and biochemical indices of the peripheral blood of animals after a rocket flight [with summary in English] I. I. Kasiian, F. M. IUganov, T S L'vova Probl. kosm biol 1 161-165 '62.

Effect of general vibration on the organism of animals [with summary in English]. V S Georgievskii, F M. IUganov Probl. kosm biol. 1:377-383 '62.

Effect of prolonged transverse accelerations on the organism of animals [with summary in English]. A R Kotovskaia, E. M IUganov Probl kosm biol. 1:381-391 '62.

Effect of space flight factors on the frequency of the appearance of recessive lethal mutations in the x-chromosome of Drosophila melanogaster [with summary in English]. IA L Glembotskii and others Probl. kosm biol 1 219-231 '62

Effect of space flight factors on the heredity and development in actinomycetes and higher plants [with summary in English]. IA. L Glembotskii and others. Probl kosm biol 1 236-247 '62.

Effect of space flight factors on the immunological reactivity of the organism [with summary in English] O G. Alekseeva A. P. Volkova. Probl. kosm biol. 1 181-189 '62.

Effect of space flight factors on the level of serotonin in the blood of animals [with summary in English] V. S. Shashkov and others. Probl. kosm. biol. 1:258-264 '62.

Effect of the conditions of space flight in a spaceship on the viability, of the Chlorella culture [with summary in English]. V. E. Semenenko, M G. Vladimirova. Probl. kosm. biol. 1 190-204 '62.

Effect of the conditions of space flight on the seeds of Allium fistulosum and Nigella damascena [with summary in English]. B. N Sidorov, N N, Sokolov. Probl. kosm. biol 1:248-251 '62.

Effect of the flight in the second spaceship on changes in the hemopoietic organs of mammals [with summary in English]. M. A Arsen'eva and others. Probl. kosm biol 1:205-218 '62

Observations on the conditioned response activity of albino rats at remote dates after the flight in the second spaceship [with summary in English]. L. D. Luk'ianova. Probl kosm. biol. 1:171-180 '62.

Radiobiological problems of space flights [with summary in English]. A A Gurdzhian. Probl. kosm. biol. 1 27-103 '62.

Results of the investigation of some indices of peripheral blood vessels in dogs during and after a flight into outer space [with summary in English]. V. V. IAkovlev Probl. kosm. biol. 1:166-170 '62.

Space flight factors and primary nondisjunction of chromosomes [with summary in English]. N P. Dubinin, O. L. Karavets. Probl. kosm biol 1:252-257 '62.

SPACE FLIGHT TO MARS

Heading toward Mars. IU. Sushkov. Izobr. i rats. no. 12:1 D '62.

SPACE FLIGHTS

sita 37 no. 9:28-

Znan. -sita

3, 1962).

ith summary
m biol. 1:

ecording elec-
ghts [with sum-
i others.

ith summary
rian. Probl.

mmary in
Probl. kosm.

rocardiograms
d, Baevskii,
-426 '62.

second and third spaceships [with summary in English]. V V Antipov and others. Probl. kosm. biol. 1:287-294 '62.

SPACE MICROBIOLOGY

Possibility of life beyond the earth and methods of the detection [with summary in English]. A. A Imshenetskii. Probl. kosm biol. 1:137-141 '62.

Problems of space microbiology and cytology [with summary in English]. N. N. Zhukov-Verezhnikov and others. Probl. kosm biol. 1 110-136 '62.

SPACE PERCEPTION

Relationship between the differential threshold and precision of recognition in the perception of slanting lines. Report No 1 Precision of recognition of lines inclined at various angles. A. G. Ruzskaia. Dokl. APN S no. 1 91-94 '62

SPACE RESEARCH

First step towards space cooperation; interview with Academician A A Blagonravov Nov vrem 20 no 52 4-5 D '62.

SPACE SCIENCES

On the threshold of the sixth year of space era V. L. Ginzburg Nauka i zhizn' 29 no 10,3-9 O '62.

Research with the help of artificial satellites and space rockets. Nauka i zhizn' 29 no. 10 2 O '62

Space ships are destined to furrow the space. D. Bilenkin. Vokrug sveta no. 10 :47-49 O '62.

SPACE SCIENCES—DICTIONARIES

Pocket dictionary. Znan -sila 37 no. 9:6-7, 11, 12-13, 15, 17, 19, 21, 23, 25, 30, 31, 35, 37, 38-39, 40, 43, 45 S '62

SPACE VEHICLES

Preliminary orbital elements of the first Soviet spaceship (1960ξ3) G. A. Chebotarev, E. N Makarova. Biul sta. opt nabl isk sput. Zem no. 27:36-41 '62

SPACE VEHICLES—ABSTRACTS

[Rocket engineering and space flight equipment] Ref. zhur Otd. vyp. 41: Raket tekh. i app. kosm. pol. no. 24 D '62

SPACE VEHICLES—PROPULSION SYSTEMS

Alemasov, V. E. [Theory of rocket engines] Teoriia rakelnykh dvigatelei. Moskva, Oborongiz, 1962. 476 p.

SPACES, GENERALIZED

Complete continuity of the operators of imbedding into spaces of fractional differentiable functions. I. A. Kipriianov. Usp. mat. nauk 17 no. 2:103-180 Mr-Ap '62

SPACESHIPS—PROPULSION SYSTEMS

"Engines of galactic ships" by R. G. Perel'man. A book review. Priroda 51 no. 12 84 D '62.

Sushkov, IU. N. [Engines of spaceships] Dvigateli kosmicheskikh korablei Moskva, Voenizdat, 1962. 171 p. (Nauchno-populiarnaia biblioteka voennogo izdatel'stva)

SPAIN—CIVIL WAR, 1936-1939—AERIAL OPERATIONS

Wind in Spain (to be concluded). B. Smirnov. Kryl. rod. 13 no. 11:28-29 N '62.

SPAIN—POLITICS AND GOVERNMENT

The banner of battle over Spain. Luis Balaguer. Agitator no. 11:30-32 Je '62.

The struggle of the Spanish workers goes on. Serafin Alliaga. Vsem. prof. dvizh. no. 11:22-25 N '62.

SPAIN—STRIKES AND LOCKOUTS

The banner of battle over Spain Luis Balaguer. Agitator no 11:30-32 Je '62

SPAIN—STRIKES AND LOCKOUTS—COAL MINERS

The struggle of the Spanish workers goes on. Serafin Alliaga. Vsem. prof. dvizh. no. 11:22-25 N '62.

SPANDARIAN, SUREN SPANDAROVICH, 1882-1916

Voskerchian, A. K. [St. Shaumian and S. Spandarian, founders of Armenian Marxist criticism. Osnovopolozhniki armianskoi marksistkoi kritiki - St. Shaumian i S. Spandarian. Erevan, Armianskoe gos. izd-vo] 1962. 531 p. [In Armenian]

SPANISH AMERICA see Latin America

SPANISH LANGUAGE—DICTIONARIES—UKRAINIAN

[Spanish-Ukrainian dictionary] Espans'ko-Ukrains'kyi slovnykh. Sklav P. CH. Salzburg, Vyd-vo "Novi dni," 1947. 206 p. (NNC)

SPARROWS—EXTERMINATION see subdivision under Ararat region

SPASMS

Changes in the interoceptors of the pia mater and the disorders of cerebral circulation in the genesis of a spasm syndrome. Report No. 1: Changes in the neural apparatus of the pia mater in epilepsy. A. A. Khachaturian. Trudy Gos. nauch.-issl. inst. psikh. 25: 678-703 '61.

disorders of cerebral circulation in the genesis of a spasm syndrome. Report No. 2: Change in the neural apparatus of the pia mater in experimental studies of a spastic seizure. A. A Khachaturian. Trudy Gos. nauch.-issl. inst. psikh 25:704-737 '61

Role of the vascular factor in the genesis of a spasm syndrome in hypertonic psychoses, a clinical anatomical study P. B Kuzakova, I. S Romanova. Trudy Gos. nauch.-issl. inst. psikh 25:498-517 '61.

SPASSK DISTRICT—POLITICS AND GOVERNMENT

We should put our soul into our work. Mikh IAzov i Sov. depat. trud. no. 12:65-68 D '62.

SPECIFIC HEAT see Heat capacity

SPECTROCHEMISTRY

Processes of chemical concentration used for the spectral determination of impurities in silicon [with summary in English]. IU. V. Morachevskii and others. Vest. LGU 17 no. 22 110-115 '62.

SPECTROMETER

Space distribution of the field in magnetic spectrometers and the form of pole tips [with summary in English] V. R. Saulit. Vest. LGU 17 no 22,20-44 '62.

SPECTROPHOTOMETRY

Differentiated determination of weak bases by the method of spectrophotometric titration in nonaqueous solutions [with summary in English]. A. P. Kreshkov, V I Vasil'ev, Zhur. anal. khim. 17 no. 8:908-911 N '62

Spectrophotometric study of pyrogallate complexes of tantalum A. K Babko, V V Lukachina Ukr. khim. zhur 28 no 7 779-785 '62.

Use of diantipyrylpropylmethane for the photometric determination of osmium in the presence of ruthenium [with summary in English]. A. I. Busev, V N Akimov Zhur. anal. khim. 17 no. 8:979-984 N '62

SPECTRUM, INFRARED

Infrared dispersion of liquid bromoform in the 650-650 cm^{-1} region. IU. P. TSiashchenko. Ukr. fiz. zhur 7 no. 9:1021-1023 S '62.

Investigating the chemical transformations of cellulose during oxidation by nitrogen-dioxide using infrared spectroscopy. A. B. Pollak Trudy LTA no 41,95 100 '60

"Methods of infrared spectroscopy in chemical analysis" by I. Kessler. Reviewed by A V. Karinkin Zhur. anal. khim. 17 no. 8:1031 N '62.

SPECTRUM, MOLECULAR see Molecular spectra

SPECTRUM, ULTRAVIOLET

Using the method of ultraviolet absorption spectra for determining the organic ingredients in rubber mixtures and their vulcanizates O. N. Sutkina, A. M Popova, O P. Golenov Kauch i rez. 21 no 11 53-56 N '62.

SPECTRUM ANALYSIS

Abstract spectrum analysis. D. V. Anonov. Priroda 51 no. 12:49-51 D '62.

Comprehensive color separation tests of the color photographic process I. F. Artiushin, N. I. Berezin a Zhur. nauch i prikl fot i kin 7 no 6 418-422 N-D '62.

Determining the potassium and sodium content of isolated muscle fibers by spectrum analysis [with summary in English]. L. A. Voronova. Vest LGU 17 no 21,85-93 '62.

Investigating the color gamut Part 1. Optimum systems of color coordinates. D K. Balabukha. Zhur nauch i prikl fot i kin 7 no 6:409-417 N-D '62

Near-the-threshold spectral sensitivity region of silver-oxygen-cesium photocathodes and its relation to the structure of the photosensitive film. N. A. Soboleva, A. S. Shafov, V. N. Tolmasova. Izv. AN SSSR. Ser. fiz. 26 no. 11, 1370-1376 N '62.

Relation of the self-absorption of spectral lines to their total intensity and b-values for lines induced in the spark of an electric discharge. I. S. Fishman. Opt i spektr. 13 no. 5:630-634 N '62.

Spectroscopic study of the effect of the medium on the reactivity of substituted benzenes. Part 1 Absorption spectra of polysubstituted benzenes. V. I. Danilova Izv. vys. uchab. zav. ,fiz. no. 5:113-120 '62.

Study of the long-wave self-absorption edge of a antimony-cesium photocathode. I. S. Gorban'. Izv. AN SSSR. Ser. fiz. 26 no. 11:1378-1382 N '62.

Use of the pour and air blast method in semiquantitative spectrum analysis. A. I. Kontorovich, R. M. Anikeev. Trudy SNIIGGIMS no. 10:60-62 '60.

SPECTRUM ANALYSIS—CONGRESSES

Conference on Apparatus and Research Methods for Vacuum Spectroscopy in the Ultraviolet Region. S. A Kulikov. Opt. i spektr. 13 no 5:754-755 N '62.

Conference on Spectroscopy and its Uses, held at Zaporozh'ye. V. S. Rossikhin, I. L. TSikora O. i spektr. 13 no. 5:755-756 N '62.

SPECTRUM ANALYSIS—EXPERIMENTS

Experiments in spectroscopy. IU. F. Ogorodnikov. Fiz. v shkole 22 no. 5:85-86 S-O '62.

Auditory control of speech E. K. Voronina. Dokl. APN 6 no. 4 87-90 '62.

Man's cardiovascular reactions during speech N. V. Sukhanova. Dokl. APN 6 no. 4 107-110 '62.

Study of the physiological mechanisms of speech [with summary in English]. R. V. Tonkova-IAmpol'skaia. Zhur. vys. nerv. deiat. 12 no. 1:82-87 Ja-F '62.

SPEECH, DISORDERS OF

Unique speech disorders of fanciful character expressed in atherosclerotic dementia. D. B. Golant. Trudy Gos. nauch.-issl. inst. psikh. 25 119-130 '61.

SPEECH THERAPY

School of a home logopedist (to be continued). B. Drapkin, N. Sinitsina, L. Uspenskaia. Nauka i zhizn' 29 no. 10:81-83 O '62

SPENDIAROV, ALEKSANDR AFANAS'EVICH, 1871-1928

[Literatury legacy] Literaturnoe nasledstvo. Erevan, Izd-vo AN Armianskoi SSR.
Vol. 2. Spendiarov, A. A. [Letters] Pis'ma. 1962 561 p.

SPERM-OIL see Whale oil

SPERMATIC CORD—TUMORS

Clinical and morphological aspects of mesothelioma of the epididymis and spermatic cord. G. A. Borlov, V. S. Remarchuk. Urologiia no. 5:65-67 '62.

Lipoma of the spermatic cord. L. P. Lomakin. Urologiia no. 5:64-65 '62.

SPERMATOZOA

Comparative evaluation of methods of photoelectrometric determination of the concentration of spermatozoa. F. I. Ostashko, H. S. Iinivorona'kyi. Visnyk sil'hosp. nauky 5 no. 11.102-104 N '62

SPHAEROMIDAE see subdivision under Pacific Ocean

SPHALERITE

Determination of the formation temperatures of sphalerites based on the iron content in them. V. D. Sazonov. Trudy Inst. geol. AN Tadzh. SSR 4:215-233 '61.

SPHEROSIDERITE see subdivision under Samur Valley

SPHYGMOGRAPH

Recording sphygmograms of dogs [with summary in English]. R. M. Bacvskii, V. I. Polikov. Probl. kosm. biol. 1 115-117 '62.

Sphygmography as a method for determining the training level of an athlete. V. E. Vasil'eva. Teor. i prak. fiz. kul't. 25 no. 8,60-62 S '62.

SPINACH see subdivision under Maikop region

SPINAL NERVES see Nerves, Spinal

SPINE—DISEASES

Rare case of ankylosing spondylarthritis complicated by bilateral amaurosis due to iridocyclitis. S. G. Magil'-nitskii. Vest. oft. no. 5:05-07 '62.

SPINE—TUBERCULOSIS

Radical operations in tuberculosis spondylitis in children [with summary in French]. D. G. Kovalenko, E. M. Milovanova. Probl. tub. no. 7:44-48 '62

Surgical treatment of tuberculosis of the lumbar segment of the spine [with summary in French]. M. M. Kaplan. Probl. tub. no. 7:48-51 '62.

SPINNING—BIBLIOGRAPHY see Bibliography—Spinning

SPINNING MACHINERY

Gakel', R. A. [Wool spinning machinery with continuous action; condenser spinning] Sherstoprigdil'nye mashiny nepreryvnogo deistvila; apparatnoe priadenie. Izd. 2., perer. i dop. Moskva, Rostekhizdat, 1962. 251 p. (Uchebniki i uchebnye posobiia dlia podgotovki rabochikh massovykh professii)

Kovner, S. S. [Contribution to the theory of automatic control of a drawing process] K teorii avtomaticheskogo regulirovaniia protsessa vytiagivaniia. Moskva, Rostekhizdat, 1962. 123 p.

SPINOR ANALYSIS

Representations of the general Lorentz group and the classification of relativistic equations. G. A. Sokolik. Izv. vys. ucheb. zav.; fiz. no. 5:54-59 '62.

Three-dimensional spinors in quantum mechanics. A. P. Gel'man. Izv. vys. uchch. zav. fiz. no 5:128-132 '62.

SPINOZA, BENEDICTUS DE, 1632-1677

Spinoza, the atheist. S. Martseniuk. Volov. ateist 3 no. 12:53-54 D '62.

SPIROCERCA

Formation of the cuticle and hypodermis in Spirocerca lupi (Rudolphi, 1809). IU. K. Bogoiavlenskii. Trudy Gel'm. lab. 11:32-37 '61.

SPIRURA

Biological characteristics of Spirurata. V. M. Ivashkin. Trudy Gel'm. lab. 11:59-91 '61.

Investigation of reservoir parasitism in Spirurata. V. M. Ivashkin. Trudy Gel'm. lab. 11:54-58 '61.

order Spirurata V. M. Ivashkin. Trudy Gel'm. lab. 11:95-97 '61.

SPLEEN

Effect of cystamine on oxidizing phosphorylation in the spleen of irradiated white rats [with summary in English]. V. G. Vladimirov. Biul. eksp. biol. i med. 51 no. 11:55-58 N '62

Myelolienal correlations in physiological and pathological conditions. Report No. 1: The therapeutic use of diathermy of the spleen in injuries to the bone marrow by ionizing radiations and benzene; experimental studies and clinical observations. L. I. Geller. Probl. gemat i perel. krovi no. 9:17-23 '62.

SPLEEN—ABNORMITIES AND DEFORMITIES

Splenic torsion. G. A. Bchutishvili Vest. khir. 89 no. 9:121-122 S '62

SPLEEN—CALCIFICATION

Calcified echinococcosis of the spleen M. V. Knlazevskii Khirurgiia 38 no. 10,125-127 O '62

SPLEEN—DISEASES

Hypersplenism, a discussion of the article by M. M. Tushinskaia and IU. P. Urinson, "The influence of the spleen on hematopoiesis." I. IA. Ashkinazi. Probl. gemat. i perel. krovi no. 9:23-27 '62

SPLEEN—HYDATIDS

Calcified echinococcosis of the spleen. M. V. Knlazevskii Khirurgiia 38 no. 10:125-127 O '62

Echinococcosis of the spleen. R. I. Palagina. Zdrav Tadzh. 9 no. 5:34-37 '62.

SPONGES see subdivision under Caspian Sea; Parmushir Island; Shumshu Island

SPONGILLIDAE see subdivision under Ukraine, Western

SPONTANEOUS COMBUSTION see Combustion, Spontaneous

SPORES (BOTANY)

Spore production by basidia in Rhizoctonia. U. U. Rasulov. Zashch. rast. ot vred. i bol. 6 no. 8:56 Ag '61.

SPORTING GOODS

A new expander. M. A. Dzhafarov, G. A. Rogochii. Teor. i prak fiz kul't. 25 no. 8:53, S '62.

SPORTS

(see also subdivision under Armenia)

Further improvement of the unified all-Union sports classification. S. L. Aksel'rod. Teor. i prak. fiz. kul't. 25 no. 10:40-50 O '62.

Measures for improving the selection and preparation of research and teaching personnel in physical education and sports. Teor. i prak. fiz kul't. 25 no. 8:71-73 S '62.

Most important measures of the Communist Party on the development of physical education and sports of the country. N. V. Pecherskii. Teor. i prak fiz. kul't. 25 no. 8:44-48 S '62

Records, medals, and surprises. N. Vasil'ev. Belarus' 19 no. 12:28 D '62.

SPORTS—ORGANIZATION AND ADMINISTRATION

Standard regulations of the all-Union and republican federations of individual sports. Teor. i prak. fiz. kul't. 25 no. 9:75-76 S '62.

SPORTS—PHYSIOLOGICAL EFFECT

Compiling standard tables and nomograms for the evaluation of the physical development of athletes. A. G. Zhdanova. Teor. i prak. fiz. kul't. 25 no. 10:50-61 O '62.

Gippenreiter, B. S. [Restorative processes in sports activities] Vosstanovitel'nye protsessy pri sportivnoi deiatel'nosti. Moskva, Fizkul'tura i sport, 1961. 61 p. (Bibliotechka sportsmena)

Investigation of the movements of a swimmer by pneumohydrodynamography. A. A. Guminskii, L. P. Makarenko. Teor. i prak. fiz. kul't. 25 no. 10:50-71 O '62

More on the heart-beat rate during sports activities. V. V. Vasil'eva. Teor. i prak. fiz. kul't. 25 no. 8:42-43 S '62.

Scientific life in the field of sports morphology. O. N. Akseneva, A. A. Gladysheva, E. I. Shidlovskaia. Teor. i prak. fiz. kul't. 25 no. 10:76-78 O '62.

SPORTS FOR WOMEN

Pulse, arterial pressure and breathing of sportswomen during different stages of the ovarian-menstrual cycle. O. D. Zhovnovataia. Teor. i prak fiz. kul't. 25 no. 9: 29-32 S '62.

SPORTS MEDICINE

Effect of the complex of analeptics on the change in the metabolism indices of athletes. S. P. Letunov, P. M. Babarin. Teor. i prak. fiz. kul't. 25 no. 10:30-33 O '62.

Role and tasks of the medical community in further developing the service of sports medicine in the country. A. A. Askarov. Teor. i prak. fiz. kul't. 25 no. 10:24-27 O '62.

(see also subdivision under Mogilev Province, Tatar A. S. S. R.)

Dusting the edges of a field in controlling the pea weevil. N. F. Asaaul. Zashch. rast. ot vred. i bol. 7 no. 6 32-33 Je '62

Forty years in the service of agriculture. V. A. Nazarov. Zashch. rast. ot vred. i bol. 7 no. 4 14-17 Ap '62

Improve the quality of aerial dusting. A. V. Funtikov Zashch. rast. ot vred. i bol. 7 no. 6:18 Je '62.

Mist spraying against the Colorado beetle. V. P. Rondin and others. Zashch. rast. ot vred. i bol. 7 no. 6:50-53 Je '62

Mist spraying of chlorophos against the shield bug Eurygaster integriceps. D. M. Paskin and others. Zashch. rast. ot vred. i bol. 7 no. 2:20-21 F '62.

Nomograms for aerosol treatment. A. A. Lapin. Zashch. rast. ot vred. i bol. 7 no. 6 43-44 Ag '62.

"Pchelka", a new airplane. IU. N. Zashch. rast. ot vred. i bol. 7 no. 6:20-21 Je '62.

SPRAYING AND DUSTING—SAFETY MEASURES

Precautionary measures in working with contact herbicides. G. P. Kutuzov. Zashch. rast. ot vred. i bol. 7 no. 4:45 Ap '62.

Safety measures in dusting and spraying plants and the use of other methods for applying poisonous chemicals. Zashch. rast. ot vred. i bol. 7 no. 1:40 Ap '62.

SPRAYING AND DUSTING EQUIPMENT

(see also subdivision under Kuban; Leningrad Province; Moldavia; White Russia)

Attachment for the feeding of sprayers. A. N. Fberg. Zashch. rast. ot vred. i bol. 7 no. 4:49 Ap '62.

Basic factors determining the quality of orchard treatment by means of blower-type sprayers. E. G. Sultan-shakh. Zashch. rast. ot vred i bol 7 no. 8:17-20 Je '62

"Kama" electric sprayer. S. N. Terent'ev. Zashch. rast ot vred. i bol. 5 no 2:15 F '60.

"Khmel'" sprayer. IU. F. Onufrienko, F. I. Taran, N. I. Toniuk. Zashch. rast ot vred. i bol. 7 no 8:19-21 Ag '62

Low-pressure nozzles for orchard sprayers. I. F. Snegovskii. Zashch. rast. ot vred. i bol. 7 no. 4:54-55 Ap '62.

Mechanized filling station. IU. N. Gromov, B. G. Ivonenko. Zashch. rast. ot vred. i bol 5 no 2:11-15 F '60.

The "Mikron" wheelbarrow-knapsack aerosol apparatus. M. V. TSitsiv, Zh. M. Sudit, A. I. Gronskii. Zashch. rast. ot vred. i bol. 7 no 6:21-22 Je '62

New machines. G. P. Shamaev. Zashch. rast. ot vred. i bol 7 no 2:12-15 F '62.

A new model of blower-type sprayer for orchards. S. F. Prokopenko and others. Zashch rast. ot vred i bol 5 no. 2:11-12 F '60.

New working parts with deflector nozzles for sprayers. V. N. Kondrat'ev. Zashch. rast. ot vred. i bol. 7 no. 4:29-30 Ap '62.

The PVF-A soil fumigation device. D. V. Dochenenko. Trakt i sel'khozmash. 32 no. 9:32-33 S '62

Responses to our articles. IA. I. Kushnir, N. P. Khokhol. Zashch. rast. ot vred. i bol. 6 no. 8:9 Ag '61.

Some changes in the design of pulsatory aerosol generators. V. M. Dunin Zashch. rast. ot vred. i bol. 7 no. 6:24 Je '62.

Using the OPS-30B duster. I. S. Zashch. rast. ot vred. i bol. 7 no. 2:31-32 F '62.

SPRAYING AND DUSTING EQUIPMENT—HYGIENIC ASPECTS

Don't joke with poisons. I. Kozanakov. Okhr. truda i sots. strakh. 5 no. 11:32 N '62.

SPRAYING AND DUSTING EQUIPMENT—MAINTENANCE AND REPAIR

Defects in the ONK-B sprayer-duster and their elimination. E. N. Trofimov. Zashch. rast. ot vred. i bol. 7 no. 4:44 Ap '62.

Maintenance and repair of apparatus. G. P. Shamaev. Zashch. rast. ot vred. i bol. 5 no. 2:35-36 F '60

SPRINGS see subdivision under Tekhnikum

SPRINGS (MECHANISM)

Rogushkin, V. I., and M. A. TSentsiper. [Gas-cutting machine for finishing the butt ends of springs] Stanok dlia obrabotki torcov pruzhin gazovoi rezkoi. Leningrad, 1962, 17 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriia: Mekhanicheskaia obrabotka metallov, no. 21)

SPRINGS (MECHANISM)—TESTING

Checking leaf springs. I. E. Kurov. Mashinostroitel' no. 11:24-25 N '62.

SPRINKLER IRRIGATION

Reconstruction of the irrigation system for the use of the DDA-100M unit. B. I. Kuznetsov. Gidr i mel. 14 no. 11:3-13 N '62.

Stationary sprinkling systems. A. E. Rezvin, V. I. Sidorov. Ved. i san. tekh. no. 10:22-25 O '62.

mechanizing the sprinkling of public gardens and flower beds. V.D.Belikov, V.N.Denisov. Gor.khoz.Mosk. 36 no.10 42-43 O '62.

SPRUCE
(see also subdivision under Mezen' District, Moscow Province; Ukraine, White Russia)

Effect of microelements on the germination of pine and spruce seeds and on the growth of seedlings [with summaries in German and Russian]. V Kaposis. Izv. AN Latv SSR no.3:111-116 '61

"Regeneration of spruce following the skidding of untopped trees" by M.N.Prokof'ev. Reviewed by M V Pridnia, G K Basuev Les khoz 15 no 7:82 Jl '62

Standardized scale for determining the absorption of light by the Tien Shan spruce (Picea schrenkiana Fisch et Mey.) V.S.Sokolova Izv AN kazakh SSR Ser.bot i pochv. no.3 92-96 '62.

SPUTNIKS see Artificial satellites

SPUTTERING (PHYSICS)

Cathode sputtering of mica and molten quartz by krypton ions. A I Akishin, S.S.Vasil'ev, L.N.Isaev. Izv. AN SSSR.Ser.fiz. 26 no.11 1356-1358 N '62.

Characteristics of the anisotropy of cathode sputtering of single crystals. V.E Hirasova, E.A.Murinson Izv. AN SSSR.Ser.fiz. 26 no.11:1445-1448 N '62.

SREDNYAYA AKHTUBA DISTRICT—OFFICE PRACTICE IN GOVERNMENT

A concern of the entire community. M.Kislinkova Sov.deput.trud no 11:35-41 N '62.

STABILITY

Letov, A.M. [Stability of nonlinear controllable systems] Ustoichivost' nelinejnykh regulirueмykh sistem Izd.2., ispr. i dop. Moskva, Fizmatgiz, 1962. 482 p.

STABILITY OF SHIPS

Determining the center of gravity of a vessel during an inclining experiment with trim difference P Khokhlov. Mor flot 22 no 11 31-33 N '62

Elimination of heeling deviations varying during a vessels change of magnetic latitude R. Mel'nikov. Mor flot 22 no 9 27-29 S '62

Radar station with single stabilization to the North and on course L Denisov. Mor flot 22 no 11 17 N '62

STACHYBOTRYS

Changes in the peripheral blood and marrow in cattle during various phases of stachybotryotoxicosis. L.F. Zalats. Vianyk sil'hosp.nauky 5 no.10 116-118 O '62.

STADIUMS see subdivision under Jakarta

STALIN, IOSIF, 1879-1953

The development of Lenin's ideas on the supervision of party organizations and governmental agencies. V Donskoi, S Ivonnikov Kommunist 39 no 18:30-39 D '62.

Historical research and the education of future history teachers should contribute to the solution of problems concerning the building of communism. B. Ponomarev. Kommunist 39 no.1 10-35 Ja '64

Soviet historiography of the establishment of the U.S.S.R [with summary in English, p 206]. S.I IAkubovskaia Vop ist no 12.3-17 D '62.

STALINABAD see Dushanbe

STALINGRAD see Volgograd

STALINGRAD HYDROELECTRIC POWER STATION see Volga Hydroelectric Power Station (22d Congress of the CPSU)

[illegible] under Chelyabinsk Province)

Conference on standardization in Leningrad. R.P. Stukalov. Standartizatsiia 26 no.12:50-51 D '62.

[Index of state standards as of January 1, 1962] Ukazatel' Gosudarstvennykh standartov, 1962 (po sostoianiiu na 1/I 1962 g.). Izd. ofitsial'noe. Moskva, 1962. 575 p.

Keeping standards and specifications in workshops. A.G.L'vov. Standartizatsiia 26 no.12:31 D '62.

Recommendations of the International Standardization Organization. K.D.Nikonov. Standartizatsiia 26 no.11:60-63 N '62.

References to standards in textbooks. Standartizatsiia 26 no.12:50 D '62.

Session of the Council of the International Standardization Organization. K.D.Nikonov. Standartizatsiia 26 no.12:53-56 D '62.

Standardization at the Zaporozh'ye Transformer Plant. V.D.Sanin. Standartizatsiia 26 no.11:40-41 N '62.

Standardization section at the research institute. L.B. Shakhov. Standartizatsiia 26 no.12:33 D '62.

raphy—Standardization

STANDARDIZATION—PERIODICALS—INDEXES

Index of articles published in "Standartizatsiia" in 1962. Standartizatsiia 26 no.12:60-64 D '62.

STANDARDS, ENGINEERING
(see also subdivision under Ukraine)

Akademiia stroitel'stva i arkhitektury SSSR. Institut obshchestvennykh zdanii i sooruzhenii. [Standardization of elements for buildings for various purposes] Unifikatsiia elementov zdanii razlichnogo naznacheniia; sbornik materialov. Pod red. D.B.Khazanova. Moskva, Gosstroiizdat, 1962. 173 p.

Changes in standards. Vod.i san.tekh. no.10:30-31 O '62.

Changes in standards. Vod.i san.tekh. no 11 25 N '62.

[Information index of standards] Inform.ukaz.stand. 23 nos.10-11 '62.

STANDARDS OF LENGTH

A method for obtaining coherent radiation in the event of resonance absorption. N.R.Batarchukova, A.I. Kartashev, A P Kirichenko Trudy inst.Kom.stand., mer i izm.prib. no.58:5-10 '61.

STANISLAV—ATHEISM—AUDIO-VISUAL AIDS

Posters and motion pictures serve as aids to propagandists. B.Krzhyvyts'kyi Volov.ateist no.9:31 S '62

STANISLAVSKII, KONSTANTIN SERGEEVICH, 1863-1938

Always a first meeting. M.IAnshin. Teatr 23 no.12: 132-134 D '62.

Anger. O.Pyzhova. Teatr 23 no.12:113-115 D '62.

Astrov speaks in public. F.Mikhal'skii. Teatr 23 no.12:118-119 D '62.

At the railway station in Kharkov. P.Luchinin. Teatr 23 no.12:108-110 D '62.

Beside him. M.Knebel'. Teatr 23 no.12:74-82 D '62.

Forever alive. Serafima Birman. Teatr 23 no.12:90-95 D '62.

From my diary. V.Radomyslanskii. Teatr 23 no.12: 126-127 D '62.

From Stanislavskii's notebooks, 1919-1938. Teatr 23 no.12 138-143 D '62.

Great school. I.Mar'ianenko. Teatr 23 no.12:83-85 D '62.

Holiday of Soviet culture. Teatr 23 no.12:156 D '62.

I took a test from Stanislavskii. N.IAkushenko. Teatr 23 no.12:127-128 D '62.

In November of 1917... A.Zueva. Teatr 23 no.12: 115-116 D '62.

In the Third Studio. L.Shikhmatov. Teatr 23 no.12: 120-121 D '62.

K.S.Stanislavskii; a brief study of his life and works. G.Kristi. Teatr 23 no.11:113-123 N '62.

Kryzhitskii, G.K. [Great reformer of the stage; commemorating the centennial of the birth of K.S. Stanislavskii, 1863-1963] Velikii reformator sceny, k stoletiiu so dnia rozhdeniia K.S.Stanislavskogo, 1863-1963. Moskva, Izd-vo "Sovetskaia Rossiia," 108 p. (Bibliotechka "Khudozhestvennaia samodeiatel'nost," no.29)

Let the young comedienne Vasilii Orlov. Teatr 23 no.12: 28-32 D '62.

Looking through notebooks. IU.Bakhrushin. Teatr 23 no.12 135-136 D '62.

Man is incapable without faith! V.Gaidarov. Teatr 23 no.12:118-120 D '62.

Memorable summer. B.Izralevskii. Teatr 23 no.12: 116-118 D '62.

Moral idea of Stanislavskii. A.Matskin. Teatr 23 [illegible] '62.

[illegible] Valentin Katnev. Teatr 23 no.12:

[illegible] e. B.Petker. Teatr 23 no.12:136-

[illegible] Teatr 23 no.12:3-7 D '62.

[illegible] L.Golovnia. Teatr 23 no.12:159-160

[illegible] ances. G.Kristi. Teatr 23 no.12:154-155 D '62.

Our Konstanin Sergeevich. M.Prudkin. Teatr 23 no.12 128-129 D '62.

Scraps of memories. I.Sudakov. Teatr 23 no.12:134-135 D '62.

Simonov, P.V. [K.S.Stanislavskii's method and the physiology of the emotions] Metod K.S.Stanislavskogo i fiziologiia emotsii. Moskva, Izd-vo Akad. nauk SSSR, 1962. 137 p.

Special evening performances attended exclusively by theatrical figures. N.Petrov. Teatr 23 no.12:111-113 D '62.

Stanislavskii and our times. N.Abalkin. Teatr 23 no.12.8-16 D '62.

Stanislavskii and the American theater. N.Mints. Teatr 23 no.12:107-108 D '62.

Stanislavskii and the Polish theater. B.Rostotskii. Teatr 23 no.12:96-100 D '62.

Stanislavskii telephones Meierkhol'd. I.Cherneteskaia. Teatr 23 no.12:129-130 D '62.

[illegible] Arkadii Arbuzov-Iriedli and others. Teatr 23 no.12.33-73 D '62.

Take everything from me while I'm still alive? M.Mel'tser. Teatr 23 no.12.131 D '62.

Teacher. Alisa Koonen. Teatr 23 no.12 109-110 D '62.

A teaching which can illuminate the road. Alim Khodzhaev. Teatr 23 no.12 86-89 D '62.

Two episodes. V.Golovtsev. Teatr 23 no.12:110-111 D '62.

Two month of one year. L.Vinogradskaia. Teatr 23 no.12:144-149 D '62.

Unforgettable. Alla Tarasova. Teatr 23 no.12 123-124 D '62.

We Always expected something from him. S.Giatsintova. Teatr 23 no.12:113 D '62.

What did he teach us? L.Lingin. Teatr 23 no.12: 125 D '62.

STANISLAVSKII, KONSTANTIN SERGEEVICH, 1863-1938—MUSEUMS, RELICS, ETC.

In Museums. B.Sorokoumnikova. Teatr 23 no.12:160 D '62.

STANKIEWICZ, ZDZISLAW

Zdzislaw Stankiewicz. G.Sagal. Sov.pech. no.11:60-61 N '62.

STANNOUS CHLORIDE

Effect of stannous chloride on infective development K.V.Vendrovskii, A.A.Trubnikova, B.A.Shashkov Zhur nauch.i prikl.fot.i kin 7 no 6:470-471 N-D '62

STAPHYLOCOCCAL DISEASE

Causes of staphylococcal complications in acute infectious diseases in children and their treatment [with summary in English]. Z.L.Krasovitskii. Pediatriia 41 no.9:35-39 S '62.

Clinical anatomical comparisons in staphylococcal pneumonias in infants [with summary in English]. T.A. Bogomaz, R.A.Glink-Lekshina, Z.A.Krasil'shchik. Pediatriia 41 no.6 30-35 S '62.

Clinical X-ray characteristics of staphylococcal pneumonia in children [with summary in English]. T.M Bespalov, G.S.Pontol. Pediatriia 41 no.6:13-14 S '62.

Complications of staphylococcal pneumonias in children [with summary in English]. V.V.Krasovskii, A.N. Protopopov. Pediatriia 41 no.6:7-11 S '62.

Staphylococcal complicated pneumonias in infants during the first three months of life [with summary in English]. E.I.Semenova. Pediatriia 41 no.6:25-30 N '62.

STAPHYLOCOCCUS

Antibiotic activity of microcide and penicillin in their combined application [with summary in English] O.O Nikol'skaia. Mikrobiol.zhur 24 no 2:55-59 '62

Rapid method for determining staphylococcal sensitivity to antibiotics. V.R.Sobolev, I.V.Vlasova. Lab.delo 8 no.6:40-42 My '62.

Studying some quantitative indices of DNA-mediated transmission of streptomycin resistivity in staphylococci [with summary in English]. P.V.Romanov. Mikrobiologiia 31 no.3:451-456 My-Je '62.

STARAYA RUDA—MARRIAGE CUSTOMS AND RITES

Nobody can be turned back by force... V.Lukashenko. Nauka i rel. 4 no.12:64-66 D '62.

STARCH

Destruction of starch under the effect of ionizing gamma radiation [with summary in English]. V.F.Oreshko, K.A.Kozlotchenko. Trudy VNIIZ no.40.37-50 '60.

Dynamics of starch and hemicellulose accumulation in the corncob in the course of its development. F.Sh. Osmanova. Bot.zhur. 47 no.10:1510-1517 O '62.

Effect of ionizing gamma radiation on the sizing of starch [with summary in English]. V.F.Oreshko, L.F.Gorin. Trudy VNIIZ no.38:51-65 '60.

Problems of the structure and properties of starch that should be discussed [with summary in English]. M.I. Knaginichev, IU.R.Bolkhovitina. Trudy VNIIZ no.38: 3-23 '60.

STARCH INDUSTRY

The fate of a discovery. I.Vol'per. Znan.ta pratsia no.8:23 Ag '62.

STATE FARMS
(see also subdivision under Daghestan; Gorkiy Province; Virgin Territory)

State farms are the leading socialist enterprises. P.Prutovykh. Agitator no.12:22-26 Je '62.

STATE FARMS—ACCOUNTING

Annual report is completed ahead of time. N.T.Makalmenko. Uchet i fin.v kolkhoz.i sovkhoz. 18 no.12: 5-8 D '62.

STATE FARMS—FINANCE see subdivision under Uzbekistan

STATE FARMS—MANAGEMENT
(see also subdivision under Lithuania; Saratov Province)

A trade-union group and farm economics. M.Zubkova. Sov.profsoiuzy 18 no.22:15-16 N '62.

STEEL

How rubbing between steels leads to the formation of a "white" layer. K V. Savitskii, N. N. Sukharina. Izv. vys. ucheb. zav., fiz. no. 5:170-173 '62.

STEEL—ANALYSIS

Adhesion of simple boron enamels to low-carbon steel. A. A. Perminov. Izv. vys. ucheb. zav., chern. met. 5 no. 11:150-155 '62.

Determination of large amounts of manganese in steels by the differential photometry method [with summary in English]. V. F. Barkovskii, I. N. Vtorygina. Zhur. anal. khim. 17 no. 7:865-867 O '62.

Determination of molybdenum and vanadium in steel by the method without chipping. L. I. Ganago. Izv. vys. uch. zav., khim. i khim. tekh. 5 no. 4:670-671 '62.

Increase in width of certain makes of steel rolled with smooth rolls. V. G. Meipariani. Trudy Inst. met. AN Gruz. SSR 12:187-196 '62

STEEL—CORROSION

Corrosion of low-carbon steel in concentrated sulfuric acid. L. A. Polubolartseva, V. M. Novakovskii [Trudy] UNIKHIM no. 9:93-100 '61.

Effect of chromium anhydride on steel corrosion in fused sodium bisulfate. V. M. Novakovskii, N. S. Ukshe [Trudy] UNIKHIM no. 9:59-70 '61.

Possibility of the occurrence of hydrogen-inducted brittleness of steel during its deformation in neutral corrosion media. R. I. Kripiakevich, IU. I. Babei, G. V. Karpenko. Nauch. zap. IMA AN URSR Ser. mashinoved. 9:47-50 '62.

STEEL—ELECTROMETALLURGY

Ednoral, F. P., and A. F. Filippov. [Calculations on the electrometallurgy of steel and ferroalloys] Raschety po elektrometallurgii stali i ferrosplavov. Izd. 2., ispr. i dop. Moskva, Metallurgizdat, 1962. 230 p.

STEEL—FATIGUE

Effect of high-speed and heavy-feed machining and of inherited engineering efficiency on the fatigue strength of heat-treated steel 45. IU. I. Babei, G. V. Karpenko. Nauch. zap. IMA AN URSR, Ser. mashinoved. 9:55-67 '62.

Effect of the rate of cyclic deformation on the fatigue strength of steels of fusible liquid metals. M. I. Chaovskii. Nauch. zap. IMA AN URSR, Ser. mashinoved. 9:30-33 '62.

STEEL—HARDENING

Thermomechanical treatment of austenitic steel. V. I. Grigorkin. Fiz. met. i metalloved. 14 no. 2:212-217 Ag '62.

STEEL—HEAT TREATMENT

Resistance to wear of pre-eutectoid carbon steel with incomplete martensite hardening. K. V. Savitskii, IU. F. Malyshev. Izv. vys. ucheb. zav., fiz. no. 5:164-169 '62

STEEL—HYDROGEN CONTENT

Tendency of austenitic steel toward hydrogen embrittlement depending on hydrogen content, speed of deformation and temperature. E. P. Nechai, K. V. Popov. Fiz. met. i metalloved. 14 no. 2:271-274 Ag '62.

STEEL—METALLOGRAPHY

Changes in the carbide phase of steel under the effect of cold plastic deformation. M. V. Belous, V. T. Cherepin. Fiz. met. i metalloved. 14 no. 2:312-314 Ag '62.

Diagrams of isothermal transformation of austenite. A. S. Zav'ialov, Z. I. Kusnitsyna. Izv. vys. ucheb. zav.; chern. met. 5 no. 11:156-162 '62.

Effect of impact by a falling load on the state of martensite in carbon steel. F. I. Lokshin, L. F. Lokshin. Fiz. met. i metalloved. 14 no. 2:307-309 Ag '62.

Submicrostructure and habitus of martensite. V. I. Arkharov. Fiz. met. i metalloved. 14 no. 5:701-714 N '62.

Welding steels of dissimilar structural groups. L. S. Livshits, L. P. Bakhrakh. Svar. proizv. no. 11:8-10 N '62.

STEEL—METALLURGY

Effect of inoculants on the founding properties of pearlitic-class steel. N. S. Kreshchanovskii, V. R. Nazarenko, M. P. Demin. Lit. proizv. no. 11:3-4 N '62.

Gruzin, V. G. [Temperature conditions in steel casting] Temperaturnyi rezhim lit'ia stali. Moskva, Metallurgizdat, 1962. 350 p.

Inoculation of steel undergoing graphitization. A. E. Krivosheev, E. N. Pogrebnoi, N. M. Fetisov. Lit. proizv. no. 11:28-29 N '62.

STEEL—STANDARDS

Semikilled and capped steel. IA. A. Shneerov. Standartizatsiia 26 no. 11:23-27 N '62.

STEEL—TESTING

Causes of some peculiarities in the behavior of steel 1Kh18N9T during endurance tests. A. M. Parshin, I. E. Kolosov. Trudy LPI no. 218:115-120 '62.

Effect of an acid medium and a superposed potential on the alternating bending testing of steel. V. T. Stepurenko, A. K. Litvin, G. V. Karpenko. Nauch. zap. IMA AN URSR. Ser. mashinoved. 9:51-54 '62.

Effect of mercury on the strength and alternating bending testing of steel. V. T. Stepurenko, IU. I. Babei, G. V. Karpenko. Nauch. zap. IMA AN URSR. Ser. mashinoved. 9:34-36 '62.

Investigating the kinetics of failure of high carbon steel during tension. V. M. Finkel', I. A. Kutkin. Fiz. met. i metalloved. 14 no. 2:253-256 Ag '62

STEEL—WELDING

Conditions for the formation of a resistant joint in the friction welding of aluminum with steel. S. K. Ginzburg, S. N. Prokof'ev, L. A. Shternin. Svar. proizv. no. 12 12-14 D '62.

"Dynamic strength of weld joints in low-carbon and low-alloy steels" by A. E. Asnis Reviewed by I. V. Kudriavtsev and others. Svar. proizv no. 9:44-45 S '62

Investigating the weldability of converter steel. M. M. Kraichik, V. L. Kotel'nikov. Svar. proizv. no. 11 4-7 N '62.

Structural heterogeneity of areas of fusion and calculation of the metal composition of welded joints. L. S. Livshits Svar proizv. no. 9 1-5 S '62.

Welding steels of dissimilar structural groups. L. S. Livshits, L. P. Bakhrakh. Svar. proizv. no. 11:8-10 N '62.

STEEL, AUTOMOBILE—WELDING

Automatic and semiautomatic welding in carbon dioxide in the automobile industry A. I. Guliaev, A. I. Rastvorova. Svar. proizv. no 9:16-19 S '62

STEEL, HEAT-RESISTANT—TESTING

Determining the solubility limit of aluminum, titanium, and niobium in iron-chromium-manganese-nickel-tungsten-molybdenum austenite and their effect on its heat-resistance [in Georgian with summary in Russian] F. N Tavadze, M. D TSkitishvili Trudy Inst met. AN Gruz SSR 12 119-128 '62

STEEL, STAINLESS

Sheet-metal working of Kh18G14AN4 stainless steel medical equipment parts. S. Z. Gol'berg, E. L. Vainer. Kuz.-shtam. proizv 4 no. 10:27-30 O '62.

STEEL, STAINLESS—CORROSION

Corrosion resistance of stainless steels in aggressive media of hydrolysis industries. I. M. Grinshtein, E. A. Adamovich, E. V. Antonova. Gidroliz i lesokhim prom 15 no. 8:22-23 '62.

Protection of Kh18N9T steel against pitting overpassivation in acid chromate solutions. V. M. Novakovskii, E. F. Lapshina. [Trudy] UNIKHIM no. 9:131-135 '61.

STEEL, STAINLESS—ELECTROMETALLURGY

Phase constitution of slags during the electric melting of stainless steels. E. I. Kadinov, T. I. Litvinova, S. I. Khitrik. Izv. vys. ucheb. zav.; chern. met. 5 no. 11: 61-69 '62.

STEEL, STRUCTURAL

Calculation of the three-dimensional work of elements of the steel frame of one-story industrial buildings. M. S. Vladovskii Prom. stroi. 40 no. 11:56-58 '62.

Designing steel rods for the joint action of flexure and axial compression. P. V. Nesmeyov. Trudy GPI [Gruz.] no. 5:61-69 '61.

Manufacture of steel elements of 10G2SD (MK) low-alloy steel. D. P. Lebed', L. B. TSal'man, D. V. Shatailo. Prom. stroi. 40 no. 12 48-52 '62.

Thermally strengthened low-alloy grade 09G2 and 14G2 steel for metal elements. P. I. Sokolovskii and others. Prom. stroi. 40 no. 11 58-61 '62.

Unit for the manufacture of rolled stock for sheet elements up to 16 mm. thick A. L. Teivel', P. V. Alekseev Prom. stroi. 40 no. 11 53-56 '62.

Using prestressed steel crane girders. IU. V. Gaidarov, E. A. Kvasnitskii. Prom. stroi. 40 no. 12:19-23 '62.

Work required to manufacture structural elements from low-alloy steel. A. F. Kuznetsov. Mat. po met. konstr. no. 9:177-187 '62.

STEEL, STRUCTURAL—FATIGUE

Fatigue strength of components of metal constructions. M. M. Gokhberg. Trudy LPI no. 219:65-83 '62.

STEEL, STRUCTURAL—TESTING

Tables and graphs for checking the local stability of webs of steel beams. E. I. Tilina, G. G. Troitskaia. Prom. stroi. 40 no. 12:55-60 '62.

STEEL, STRUCTURAL—WELDING

Use of mechanized welding in the assembly of steel elements of the Kachkanar Mining and Ore Dressing Combine. A. I. Alekseev, B. F. Lebedev. Prom. stroi. 40 no. 12:18-19 '62.

STEEL ALLOYS—MAGNETIC PROPERTIES

Mironov, L. V., and others. [Phase transformations and properties of electrical steel] Fazovye prevrashcheniia i svoistva elektrotekhnicheskikh stalei. Sverdlovsk, Metallurgizdat, 1962. 34 p.

STEEL ALLOYS—WELDING

Automatic welding of chemical apparatuses of 1Kh18N9T steel. A. A. Makarenko. Svar. proizv. no. 5:21-24 My '62.

Livshits, L. S. [Welding steel alloys in assembly work in construction] Svarka legirovannykh stalei na montazhnykh rabotakh v stroitel'stve. Moskva, Gosstroiizdat, 1962. 191 p.

STEEL CASTINGS

Teeming and rolling as a single process. A. Charnyi. Izobr. i rats no 11:3-5 N '62.

STEEL CASTINGS—DEFECTS

Effect of methods of preparation for the welding up of casting defects in GI3L steel on the quality of weld joints. M. M. Timofeev. Svar. proizv. no 5 37-39 My '62.

STEEL CASTINGS—WELDING

Welding of cast FI319L steel. I. G. Gorin. Svar. proizv. no. 5, 38-42 My '62.

STEEL FORGINGS—HEAT TREATMENT

Tovpenets, E. S. [Heat treatment of rolled products and forgings] Termicheskaia obrabotka prokata i pokovok. Kiev, Gostekhizdat USSR, 1962. 155 p.

STEEL INDUSTRY

(see also subdivision under Elektrostal', Italy, Uzbekistan, Zaporozh'ye)

Industrial management and the department of labor. IA. Proshko. Sots. trud 7 no. 11:62-65 N '62.

Party plans are transformed into life. P. Sledziuk. Agitator no. 12:19-21 Je '62.

STEEL INDUSTRY—HYGIENIC ASPECTS see subdivision under Taganrog

STEEL INDUSTRY—LABOR PRODUCTIVITY see subdivision under Magnitogorsk

STEEL INDUSTRY—TECHNOLOGICAL INNOVATIONS see subdivision under Moscow

STEEL PIPE see Pipe, Steel

STEELWORKS see Iron and steel plants

STEFANYK, VASYL' SEMENOVYCH, 1871-1936

"Blue book", on Stefanyk's skill as a novelist. N. I. Zhuk. Rad. lit. 6 no. 6 117-123 N-D '62.

STEGOCEPHALI

A find of a stegocephalia's original teeth. V. I. Chalyshev. Izv. Komi fil. Geog. ob-va SSSR no. 7 119-121 '62.

STEPANAVAN DISTRICT—PLANTING TIME

Optimal planting dates for potatoes in Stepanavan District [in Armenian with summary in Russian]. S. A. Ochinian. Izv. Glav. upr. sel'khoz. nauk i podgot. kad. Arm. SSR 5 no. 4:53-56 '62.

STEPANAVAN DISTRICT—POTATOES

Optimal planting dates for potatoes in Stepanavan District [in Armenian with summary in Russian]. S. A. Ochinian. Izv. Glav. upr. sel'khoz. nauk i podgot. kad. Arm. SSR 5 no. 4:53-56 '62.

STEPANOV, EVGENII MIKHAILOVICH, 1902-

Anniversaries. N. A. Cheremisinov. Zashch. rast. ot vred. i bol. 7 no. 8 60-61 Ag '62.

STEPHANOFILARIA

Causative agents of stephanophilariasis in cattle. V. M. Ivashkin, T. N. Timofeeva, L. A. Khromova. Trudy Gel'm. lab. 11:109-114 '61.

STEPIN', ALEKSANDR KARLOVICH, d. 1920

Gurevich, L. S., and S. P. Nosov. [Army Commander Aleksandr Stepin'] Komandarm Aleksandr Stepin'. Moskva, Gospolitizdat, 1962. 52 p. (Geroi i podvigi)

STERIC HINDRANCE

Sterically hindered phenols. Report No. 7: Mechanism of the formation of bromoquinone compounds. V. V. Erahov, A. A. Volod'kin. Izv. AN SSSR, Otd. khim. nauk no. 11: 2015-2022 N '62.

STERILITY IN ANIMALS

Structure and function of a persistent corpus luteum in the ovaries of cows. H. S. Krok, M. IU. Shalduha. Visnyk sil'hosp. nauky 5 no. 11,99-101 N '62.

lopment of pollen grains
d Moldavian types of
K. Alimova. Bot. zhur.

the duration of sterili-
t in beef. A. A. Sokolov,
no. 4:82-84 Jl-Ag

MENT
. deput. trud. no. 11:51

ydroxyl and carbonyl
ed on the intensity of
ith summary in
U. N. Sheinker. Zhur.
'62.

excretion of 17-keto-
peptic ulcer and hypo-
a. Probl. gemat. i

Eosinopenic reaction (Thorn's test) and the excretion of 17-ketosteroids in attacks of bronchial asthma in children [with summary in English]. IU. D. Belinev. Pediatriia 41 no. 9 51-56 S '62.

STOCK AND STOCKBREEDING

(see also subdivision under Kuban Valley, Latvia; Ossetia, North, Russia, Northwestern, Ukraine, Vietnam, North, Vinnitsa Province)

Agar-tissue preparation for the stimulation of animal fattening. M. A. Mokanov, S. I. Solov'ev. Zhivotnovodstvo 24 no. 9 35-36 S '62.

Biogenic stimulators and their application in stockbreeding. P. F. Radkevich. Zhivotnovodstvo 24 no. 9 24-32 S '62.

Conditioned reflexes in stockbreeding. Zhivotnovodstvo 24 no. 9 51-56 S '62.

Present state and future tasks of the ecology of farm animals [with summary in English]. IU. O. Raushenbakh, IU. A. Kiseliev, O. A. Monastyrskii. Zool. zhur. 41 no. 10 1149-1156 O '62.

STOCK AND STOCKBREEDING—ACCOUNTING see subdivision under Ukraine

STOCK AND STOCKBREEDING—BIBLIOGRAPHY see Bibliography—Stock and stockbreeding

STOCK AND STOCKBREEDING—CONGRESSES

Laws governing the ontogeny of farm animals. M. S. Mitskevich. Vest. AN SSSR 32 no. 12 108-109 D '62.

STOCK AND STOCKBREEDING—COSTS see subdivision under Izobil'noye District

STOCK AND STOCKBREEDING—EQUIPMENT AND SUPPLIES

Make new methods and equipment available to all farms. M. Shulenin. Sel' stroi. 16 no. 2 19-20 F '62.

STOCK AND STOCKBREEDING—SAFETY MEASURES

[Safety measures in working on livestock farms] Tekhnika bezopasnosti pri rabote na zhivotnovodcheskikh fermakh. [Moskva, Izd-vo M-va sel'. khoz. RSFSR, 1961. 11 p. (Pamiatka rabotnika sel'skogo khoziaistva)
(DNAL)

STOCK AND STOCKBREEDING—STUDY AND TEACHING

Productive work of students on chicken breeding. L. E. Tugutova. Biol. v shkole no. 4:54-57 Jl-Ag '62.

STOCK-EXCHANGE see subdivision under United States

STOLYPIN, PETR ARKAD'EVICH, 1863-1911

Maevskii, V. A. [Fighter for the good of Russia; on the centenary of his birth] Boretsa za blago Rossii; k stoletiiu so dnia rozhdeniia. Madrid, izd. pochititelei gos. deiatel'nosti P. A. Stolypina, 1962. 187 p.
(CSt-H) (MH)

STOMACH—INFLAMMATION

Characteristics of organic acids in the cavity of the stomach. P. G. Kanditletis. Med. zhur. Uzb. no. 3: 43-45 Mr '62.

STOMACH—SECRETIONS

Effect of some saponins on the secretory and enzyme function of the gastric glands in dogs. M. A. Aripov. Med. zhur. Uzb. no. 3 32-34 Mr '62.

Effect of various nutritional regimes on the secretory function of the stomach, secretory function of the stomach in a nutritional regime with prolonged intervals between food intake and in disordered nutrition [with summary in English]. N. I. Putilin, L. N. Startsakis. Vop. pit. 21 no. 4, 25-30 Jl-Ag '62.

Functional disorders in the digestive glands in patients with chronic dysentery. Report No. 2. (Changes in the secretion of the digestive glands). V. K. Kadyrov. Med. zhur. Uzb. no. 3:34-37 Mr '62.

Functional state of the pancreas in disorders of the secretory activity of the stomach [with summary in English and German]. G. Eidemanis. Izv. AN Latv. SSR no. 2:153-160 '61.

STOMACH—SURGERY

Formation of an isolated pouch on the anterior gastric wall as modified by A. M. Ugolev [with summary in English]. V. V. Zolotov. Biul. eksp. biol. i med. 54 no. 11:122-123 N '62.

Pathogenesis of the so-called dumping syndrome following gastric resection [with summary in English]. B. L. Meerovich. Khirurgiia 38 no. 10:90-96 O '62.

Protein metabolism in peptic ulcer patients following stomach surgery [with summary in English]. V. S. Vasil'eva. Vrach. delo no. 12:49-52 D '62.

"Resection and transperitoneal extirpation of the stomach" by A. A. Rusanov. Reviewed by D. V. Usov. Vest. khir. 89 no. 9:136-137 S '62.

Some syndromes following gastric resection [with summary in English]. V. Salupere. Vest. khir. 89 no. 9:50-53 S '62.

State of tissue carbohydrate metabolism in peptic ulcer patients following stomach surgery [with summary in English]. M. S. Govorova. Vrach. delo no. 12:46-49 D '62.

"Tantalum mechanical suture in stomach resection" by IU. IA. Gritsman. Reviewed by G. L. Ratner and I. K. Svinkin. Med. prom. 16 no. 6:63 Je '62.

STOMATOLOGY—EQUIPMENT AND SUPPLIES

(see also subdivision under Leningrad)

Basic trends in the development of medical equipment in stomatology. V. F. Rud'ko. Med. prom. 16 no. 3-7 Je '62.

Equipment for stomatological therapeutic institutions. A. M. Karapetian. Med. prom. 16 no. 6 10-12 N '62.

Medical industry is the main basis of stomatological service. E. G. Aronov. Med. prom. 16 no. 6 12-14 Je '62.

STONE see subdivision under Armenia

STONE, CAST

Effect of chemical composition on the properties of pyroxene stone casting. IU. D. Kuchinin. Izv. vyssh. zav. zav., khim. i khim. tekh. 5 no. 4 629-635 '62.

STONE, CRUSHED—THERMAL PROPERTIES

Determining the speed at which water cools crushed stone. A. M. Viktorov. Gidr. stroi. 33 no. 10:35-36 O '62.

STONE AGE

(see also subdivision under Vychegda Valley)

[Archaeology of the U. S. S. R., survey of archaeological sources] Arkheologiia SSSR; svod arkheologicheskikh istochnikov. Pod obshchei red. B. A. Rybakova. Moskva, Izd-vo Akad. nauk SSSR.

No. A4-3. Abramova, Z. A. [Paleolithic art on the territory of the U. S. S. R.] Paleoliticheskoe iskusstvo na territorii SSSR. 1962. 84 p. plates.

Problems of the geology of the Paleolithic and history of the fossil man at the Sixth Congress of the International Association on Quaternary Research (INQUA) held in Poland. I. K. Ivanova. Biul. MOIP. Otd. geol. 37 no. 5:3-36 S-O '62.

Work of the sections of the Institute of Archaeology of the Academy of Sciences of the U. S. S. R. V. I. Markovin, IU. S. Gribin. Krat. soob. Inst. arkheol. no. 88: 102-11 '62.

STONE FRUIT—DISEASES AND PESTS

Chemotherapeutic method for controlling the bacterial blight of stone fruits. A. K. Vasil'kova. Zashch. rast. ot vred. i bol. 6 no. 8 57 Ag '61.

STONE IMPLEMENTS see subdivision under Bukhara Province

STONECUTTING see subdivision under Moldavia

STONECUTTING—EQUIPMENT AND SUPPLIES

Use of thermal cutters for working granites. I. Savchenko and others. Bud. mat. i konstr. 4 no. 6 51-53 N-D '62.

STORES, RETAIL see subdivision under Moscow

STOVES

Rebuilding a kitchen range for the use of gas. A. Baka-lo. Sov. potrebkoop. 6 no. 6:50-51 S '62.

STRAIN GAUGES

Accounting for the effect of trunks in statodynamic strain measuring units. B. A. Gliagolevskii. Izv. vys. ucheb. zav.; pribor. 5 no. 6:26-30 '62.

STRAINS AND STRESSES

Computation of displacements and stresses on the boundaries of a fourth of a surface under concentrated forces which are normal and tangential to the boundary. G. M. Shekhter. [Trudy] NII osn. no. 40:17-32 '62.

Curvature of stress-rupture strength curves. A. M. Farshin and others. Fiz. met. i metalloved. 14 no. 2:244-261 Ag '62.

Determination of elastic strains of a slightly tenacious medium [with summary in English]. R. A. Muller. Inzh.-fiz. zhur. 5 no. 8:67-72 Je '62.

Determining the parameters of seamless rolled wheels. P. V. Shevchenko. Trudy KHIIT no. 49 5-10 '61.

Development of residual stresses on steel surfaces during diffusive alloying with addition elements. G. N. Dubinin, L. Grihovski. Izv. vys. ucheb. zav.; chern. met. 5 no. 11:170-174 '62.

Effect of a mechanical load on the orientation of domains in $BaTiO_3$ single crystals. S. V. Bogdanov. Kristallografiia 7 no. 5:755-760 S-O '62.

Effect of impact by a falling load on the state of martensite in carbon steel. F. L. Lokshin, L. F. Lokshin. Fiz. met. i metalloved. 14 no. 2:307-309 Ag '62.

Evaluating the strength of welded joints with a soft interlayer. R. Z. Shiron, O. A. Bakshi. Svar. proizv. no. 9 11-14 S '62.

Investigating the state of stress of car wheel disks. P. V. Shevchenko, B. I. Kogan. Trudy KHIIT no. 49 34-54 '61.

Investigating the stress condition during upsetting. A. A. Pozdeev, V. I. Tarnovskii. Izv. vys. ucheb. zav.; chern. met. 5 no. 11:90-98 '62.

Stresses in the walls of hollow dies. IA. M. Okhrimenko, B. D. Kopyskii. Izv. vys. ucheb. zav.; chern. met. 5 no. 11:113-120 '62.

Theoretical and experimental determination of the concentration of stresses around openings in plates. N. P. Mel'nikov. Mat. po mot. konstr. no. 6:75-111 '62.

X-ray study of the surface weakened layer effect. D. M. Vasil'ev. Fiz. met. i metalloved. 14 no. 5:737-741 N '62.

STRAL'TSOU, MIKHAS'

"The sky-blue wind", stories by Mikhas' Stral'tsou. Reviewed by B. Bur'ian. Belarus' 19 no. 11:26 N '62.

STRATIGRAPHIC PALEONTOLOGY see Paleontology, Stratigraphic

STRATOSPHERE see Atmosphere, Upper

STRAUSS, FRANZ JOSEF, 1915-

Rome without Strauss. A. Grigor'iants. Nov. vrem. 20 no. 52:11-15 D '62.

The dismissal of Strauss. Nov. vrem. 20 no. 50:2-3 D '62.

Franz Josef Strauss. A. Doktorov. Mir. ekon. i mezhdunar. otn. no. 12:117-118 D '62.

STRAW

Using straw in rural construction. P. Kiutov. Sel'stroi. 16 no. 2:11-15 F '62.

STRAWBERRIES

Changes in the chemical composition of strawberries as related to the time and conditions of ripening. M. I. Pannikh. Nauch. trudy Ukr. nauch.-issl. inst. sad. no. 36:160-164 '62.

STRAWBERRIES—DISEASES AND PESTS

Methods for isolating the strawberry nematode Aphelenchoides fragariae. E. M. Drozdovskii. Zashch. rast. ot vred. i bol. 7 no. 2:41 F '62.

STRAWBERRY BREEDING see subdivision under Ukraine

STREAM MEASUREMENTS

(see also subdivision under Soviet Central Asia, Syr Darya)

Integral method of measuring the discharge of natural rivers. O. N. Borsuk. Trudy GGI no. 98:4-46 '62.

The problem of determining the average speed of a cross section of a mountain stream without using measurement. P. I. Dzhikiia. Trudy GPI [Gruz.] no. 5:21-29 '61.

STREETCARS

(see also subdivision under Komsomolsk-on-Amur)

Operating streetcars by a system of multiple units. O. T. Ibash. Zhil.-kom. khoz. 12 no. 6:28-29 Je '62.

This can be done immediately. G. Mezentsev. Zhil.-kom. khoz. 12 no. 6:28-29 Je '62.

STREETS

(see also subdivision under Moscow)

Dubovin, E. N. [Designing the longitudinal section of city streets and roads] Proektirovanie prodol'nogo profilia gorodskikh ulits i dorog; lektsii dlia studentov spetsial'nosti "Gorodskoe stroitel'stvo i khoziaistvo." Moskva, Vses. zaochnyi inzhenerno-stroit. in-t, 1962. 47 p.

[MICROFILM]

STRENGTH OF MATERIALS

Hierarchy of endurance and tensile strength of polymethyl methacrylate. N. I. Shishkin, M. F. Milagin. Fiz. tver. tela 4 no. 10:2681-2686 O '62.

Design for strength of pressure hose reinforced with outer stiff elements. V. I. Treshchalov, V. A. Lepetov. Kauch. i rez. 21 no. 11:27-33 N '62.

Determining the residual stresses in the disks of seamless rolled car wheels with the rosette method. P. V. Shevchenko. Trudy KHIIT no. 49:20-33 '61.

Makovlev, K. P., ed. [Concise physical and technological handbook] Kratkii fiziko-tekhnicheskii spravochnik. Moskva, Fizmatgiz.

Vol. 2 [General mechanics, strength of materials theory of mechanisms and machinery] Obshchaia mekhanika, soprotivlenie materialov, teoriia mekhanizmov i mashin. 1962. 417 p.

Methodology of estimating the service life of parts in operation. L. M. Shkol'nik. Vest. TSNII MPS 21 no. 7:55-58 '62.

Note on I. E. Kurov and V. A. Stepanov's article. S. N. Zhurkov. Fiz. tver. tela 4 no. 11:3352-3354 N '62.

Rabotnov, Iu. N. [Strength of materials] Soprotivlenie materialov. Moskva, Fizmatgiz, 1962. 456 p.

Relation between the phenomenon of abrupt deformation and the anomalous velocity dependence of resistance to deformation. L. E. Popov, M. A. Bol'shakova, N. A. Aleksandrov. Fiz. tver. tela 4 no. 10:2972-2974 O '62.

Resistance to wear of pre-eutectoid carbon steel with incomplete martensite hardening. K. V. Savitskii, Iu. F. Malyshev. Izv. vys. uchob. zav.; fiz. no. 5:164-168 '62.

Temperature and voltage fields in the failure of materials by thermal breakdown [with summary in English]. V. V. Ustinov. Inzh.-fiz. zhur. 5 no. 10:40-46 O '62.

Temperature dependence of certain mechanical characteristics of synthetic polymer fibers [with summary in English]. M. Iu. Kuchynka. Ukr. fiz. zhur. 7 no. 12:1318-1323 D '62.

Tensile strength and birefringence of caprone and polypropylene fibers. M. F. Milagin, N. I. Shishkin. Fiz. tver. tela 4 no. 12:3578-3580 D '62.

Tensile strength and birefringence of drawn out (oriented) polymethyl methacrylate. M. F. Milagin, N. I. Shishkin. Fiz. tver. tela 4 no. 10:2689-2691 O '62.

STREPTOMYCIN

Agar diffusion method for the determination of small concentrations of streptomycin and dihydrostreptomycin [with summary in English]. L. N. Druzhinina, D. V. Suvorkina. Antibiotiki 7 no. 9:825-828 S '62.

Studying some quantitative indices of DNA-mediated transmission of streptomycin resistivity in staphylococci [with summary in English]. P. V. Komarov. Mikrobiologiia 31 no. 5:851-858 My-Je '62.

STRESS (PHYSIOLOGY)

Critical notes of a clinician on Selye's theory of the adaptation syndrome. D. S. Futer. Zhur. nevr. i psikh. 62 no. 8:1253-1261 Ag '62.

Effect of nervous strain on the requirement of the body for some vitamins [with summary in English]. G. A. Antipov and others. Vop. pit. 21 no. 4:3-10 Jl-Ag '62.

Oscillometric indices in healthy children and their change under the influence of moderate physical stress. A. A. Vynotskaia. Pediatriia no. 7:20-25 '62.

STRIGEATA

Diagnostic role of the structure of membranes of cysts and capsules of metacercariae in trematodes of the suborder Strigeata. Trudy Gel'm. lab. 11:295-298 '61.

New genus of trematodes Cotylurostrigea nov. gen. (family Strigeidae) from water birds. V. E. Sudarikov. Trudy Gel'm. lab. 11:293-294 '61.

STRIKES AND LOCKOUTS see subdivision under Somalia, Spain

STRIKES AND LOCKOUTS—AUTOMOBILE INDUSTRY see subdivision under Great Britain

STRIKES AND LOCKOUTS—COAL MINERS see subdivision under Spain

STRIKES AND LOCKOUTS—COAL MINING see subdivision under Japan

STRIKES AND LOCKOUTS—RAILROADS see subdivision under Great Britain

STRIP MINING

Coal mining machinery for open pit mining. A. P. Tarasenko. Ugol' Ukr. 6 no. 11:30-31 N '62.

Mal'shikova, A. F., and K. F. Druzhinin. [Selecting the layout and calculation of tracks in railroad stations of open-pit mines] Vybor skhem i raschet putevogo razvitiia zheleznodorozhnykh stantsii na kar'erakh. Moskva, Gosgortekhizdat, 1962. 39 p.

STRIPE RUST see subdivision under Ukraine

STRONTIUM GERMANATE

X-ray diffraction analysis of strontium germanate $SrGeO_3$. W. Hilmer. Kristallografiia 7 no. 5:701-708 S-O '62.

STRONTIUM OXIDE

Investigating the reduction of strontium oxide by aluminum silicide. G. G. Gvelesiani, M. G. Mgaloblishvili. Trudy Inst. met. AN Gruz. SSR 12:103-105 '62.

STRUCTURAL ALUMINUM see Aluminum, Structural

STRUCTURAL FRAMES

Determination of nondestructive loading in a possible variant of the "failure" of a frame. O. E. Pagava. Trudy GPI [Gruz.] no. 5:91-96 '61.

STRUCTURAL FRAMES—WELDING

Using local heating to increase the strength of reinforced structures. G. K. Evgrafov, V. O. Osipov. Svar. proizv. no. 6:16-18 My '62.

STRUCTURES, THEORY OF

Apropos of A. N. Borshchevskii's article "Heat transfer through enclosing structures." A. G. Tomkin. Inzh.-fiz. zhur. 5 no. 6:118-120 Je '62.

Calculations for statically indeterminate elements using the method of equal capacities. M. Velle. Bud. mat. i konstr. 4 no. 6:43-45 N-D '62.

Filin, A. P., ed. [Modern methods of calculating composite statically indeterminate systems. Translated from the English] Sovremennye metody rascheta slozhnykh staticheski neopredelimykh sistem; sbornik statei. Leningrad, Sudpromgiz, 1961. 376 p.

Heat transfer in enclosing structures. I. P. Zhuk. Inzh.-fiz. zhur. 5 no. 6:121-126 Je '62.

STRUCTURES, THEORY OF—PROBLEMS EXERCISES, ETC.

Livshits, IA. D., and P. I. Semenov. [Exercises in structural mechanics] Sbornik uprazhnenii po stroitel'noi mekhanike. 2. izd., dop. Kiev, Gosstroiizdat USSR, 1962. 334 p.

STRUMILIN, STANISLAV GUSTAVOVICH, 1877-

Akademiia nauk SSSR. Otdelenie ekonomicheskikh, filosofskikh i pravovykh nauk. [Problems of the national economy of the U. S. S. R., on the 85th birthday of Academician Stanislav Gustavovich Strumilin] Voprosy narodnogo khoziaistva SSSR, k 85-letiiu akademika Stanislava Gustavovicha Strumilina. Moskva, Izd-vo Akad. nauk SSSR, 1962. 417 p.

STUDENT ACTIVITIES

(see also subdivision under Ukraine)

Every technical school should have a student cooperative society. G. Ivanov, M. Sapozhnikov. Sov. potreb. koop. 6 no. 9:10-11 S '62.

STUDENT EMPLOYMENT

Benefits for students attending correspondence institutions of higher learning and technical schools. Uchet i fin. v kolkhoz i sovkhoz. 19 no. 12:48-50 D '62.

Benefits for students attending evening and correspondence higher schools, and those attending evening and correspondence secondary special schools, decision No. 720, of the Council of Ministers of the U. S. S. R., July 2, 1959. Sbor. post., prik. i instr. po fin.-khoz. vop. 27 no. 11:9-10 N '59.

Benefits for students attending evening and correspondence secondary general education schools. Uchet i fin. v kolkhoz i sovkhoz. 19 no. 12:48-49 D '62.

STUDENTS see subdivision under Iran, Leningrad

STUDENTS, CUBAN see subdivision under Kiev, Kokand, Moscow

STUDENTS, FOREIGN

Fraternal aid. Prof.-tekh. obr. 19 no. 7:2 of cover Jl '62.

STUPINO (MOSCOW PROVINCE)—SERVICE STATIONS

Sokolov, N. T. [Service station] Stantsiia tekhnicheskogo obsluzhivaniia. [Moskva] Mosk. rabochii, 1962. 23 p. (Ikh opyt dostupen vsem)

STURGEON BREEDING see subdivision under Voronezh Province

STURGEONS

(see also subdivision under Baikal, Lake; Podol'sk District)

Rearing sturgeons in ponds. N. I. Nikoliukin. Trudy sov. ikht. kom. no. 11:89-91 '62.

STYLE, LITERARY

"Authorship and theory of style" by V. V. Vinogradov. Reviewed by M. Kozhilov. Vop. lit. 6 no. 10:220-224 O '62.

STYLOLITES

(see also subdivision under Chechen-Ingush A. S. S. R.)

Connection between stylolitic structures and fracturing in rocks. M. E. Kaplan, M. Kh. Balach. Trudy VNIGRI no. 193:178-186 '62.

Stylolites in limestones as paths of oil migration. A. G. Miloshina, N. P. Moskalev. Geol. nefti i gaza 6 no. 12:51-53 D '62.

STYRENE

Role of the reaction vessel walls in the process of initiated polymerization of styrene. Iu. N. Polishchuk, T. P. Kormienko, M. V. Politakov. Ukr. khim. zhur. 28 no. 9:1024-1030 '62.

Styrene compounds. A. K. Vardenburg, B. L. Aizenberg, I. IA. Kaplunov. Vest. elektroprom. 33 no. 12:14-16 D '62.

Synthesis and polymerization of 2-n. octyloxystyrene. G. S. Kolesnikov, G. M. Pogosian. Izv. AN SSSR Otd. khim. nauk no. 11:2096-2099 N '62.

STYRENE POLYMERS

Copolymerization of styrene with propylene in the presence of a heterogeneous Ziegler-Natta catalytic system [with summary in English]. G. A. Razuvaev, K. S. Minsker, I. Z. Shapiro. Vysokom. soed. 4 no. 12:1833-1836 D '62.

Light scattering and viscosity of polyparachlorostyrene solutions in butanone [with summary in English]. Siui Mao [Hsu Mao], E. V. Frisman. Vysokom. soed. 4 no. 12:1830-1843 D '62.

Preparation and identification of a graft copolymer "atactic polypropylene-polystyrene" [with summary in English]. A. Romanov, M. Lazar. Vysokom. soed. 4 no. 12:1867-1871 D '62.

SUBMARINE BOATS

Helmsman and signalman. N. Belous. Voen. znan. 38 no. 12:15-16 D '62.

SUBMARINE TOPOGRAPHY

Role of data from the literature in constructing reliefs of the sea bottom. N. F. Leont'ev. Geod. i kart. no. 3:48-54 Mr '62.

Underwater face of our planet. G. Udintsov. Vokrug sveta no. 10:55 O '62.

SUBVERSIVE ACTIVITIES

Liakin, V. N., and others. [The enemy will not attain his goal] Vrag ne dostignet tseli. [Leningrad] Lenizdat, 1962. 160 p.

SUBWAYS
(see also subdivision under Moscow)
Automatic control of subway trains. L.S.Sokolov. Gor.khoz.Mosk. 36 no.11 29-31 N '62.

SUDAKOV, PAVEL FEDOROVICH
Poetry of life. Sergei Smirnov. Kul't.i zhizn' 6 no.10: 24-25 '62.

SUDAN GRASS—DISEASES AND PESTS see subdivision under Ukraine

SUEZ CANAL
Suez Canal. Mezhdunar.zhizn' 10 no.1 179-180 Ja '63.

SUGAR
History of sugar Ferenc Szabadvary Nauka i zhizn' 29 no 10 90-91 O '62

SUGAR BEETS
(see also subdivision under Central Black Earth region, Latvia, Moldavia, Razadan District)
Design of a working mechanism for cutting the haulm of sugar beets N V Tat'ianko Trakt i sel'khozmash 31 [i e 32] no 11 18-21 N '62
Effect of soaking seeds in microelement solutions on changes in the chloroplast volume and the accumulation of chlorophyll in sugar beet leaves. H A Lipskaia Vestsi AN BSSR Ser.biial.nav. no 3:53-57 '62.
Effect of the conditions of mineral nutrition on the use of C^{14} by sugar beet leaves. V.M.Khodos. Visnyk sil'hosp.nauky 5 no.10 86-89 O '62.
Shapovalov, P.T., and others. [New technology for cultivating monospermous sugar beets] Vozdelyvanie odnosemiannoi sakharnoi svekly po novoi tekhnologii. Moskva, Sel'khozizdat, 1962. 94 p. (DNAL)
Sugar beet ensilage V A Berezovskii Zhivotnovodstvo 24 no 9 39-41 S '62

SUGAR BEETS—FERTILIZERS AND MANURES see subdivision under Irpen' Valley

SUGAR BEETS—TRANSPORTATION
Trucks used in harvesting sugar beets. I Sakunov Tekh v sel'khoz 22 no.10:12-14 O '62.

SUGAR BEETS AS FEED
Fattening cattle on ensilaged sugar beet tops. V.IA. Maksakov. Nauch. trudy Zootekh. fak Khar. zoovet inst 11 108-112 '62.

SUGAR INDUSTRY—EQUIPMENT AND SUPPLIES
Gurevich, M.S., and P.D.Fedorov. [Heat and electric-power supply plants in sugar factories] Teplosilovoe khoziaistvo sakharnykh zavodov. Kiev, Gostekhizdat USSR, 1962. 379 p.
Zambrovs'kyi, V.A. [Disk filters in the sugar industry] Dyskovi fil'try v tsukrovii promyslovosti. Kyiv, Derzhtekhvydav URSR, 1962. 86 p.

SUGAR MANUFACTURE
Honig, Pieter, ed. [Principles of sugar technology. Translated from the English] Printsipy tekhnologii sakhara. Pod red G S Benina Moskva, Pishchepromizdat, 1961. 615 p
Zelikman, I.F., and F.A. Demchinskii. [Manufacture of refined pressed sugar] Proizvodstvo pressovannogo sakhara-rafinada 2., perer. i dop. izd Moskva, Pishchepromizdat, 1962. 367 p.

SUGAR RESEARCH see subdivision under Kazakhstan, Kirghizistan

SUGGESTION SYSTEMS
Improve efficiency work in the financial system in every way possible. Fin.SSSR 23 no.11:3-7 N '62.
Lost and found hour. M.Mokrin. Sov.profsoiuzy 18 no 23:18-19 D '62.

SULAK VALLEY—IRRIGATION
Karst phenomena in the irrigated regions of the Sulak Lowland N I.Gavrilev, L.V Peredel'skii. Gidr. i mel 14 no.11:35-40 N '62.

SULAK VALLEY—KARST
Karst phenomena in the irrigated regions of the Sulak Lowland. N.I Gavrilev, L V. Peredel'skii Gidr i mel. 14 no 11 35-40 N '62

Complete processing of sulfite liquors G.E Vallis Gidroliz. i lesokhim prom 15 no 8 29-30 '62
Processing of sulfite liquors obtained in the cooking of woodpulp with acid on a mixed base. M.IA Kaliuzhnyi, G M. Petrushko. Gidroliz i lesokhim prom 15 no 8 4-5 '62

SULFITES
Oxidation of sulfites by air in diluted acidified solutions. S.A.Sapotnitskii, N.V.Glushchenko. Zhur.prikl. khim. 35 no.10:2191-2195 O '62.

SULFOBROMOPHTHALEIN SODIUM
Study of the excretory function of the liver in various diseases using bromsulphalein (BSP) [with summary in English]. I.T. Abasov. Klin.med. no.9 121-129 '62.

SULFONATION
Effect of volatile substances on the exchange capacity of sulfonation exchangers obtained from the semicoke of gas coals and bitumen coke. D.Rushchev, L.Dimitrova. Zhur.prikl.khim. 35 no.11:2509-2512 N '62
Sulfonation of β-dicetones. Report No.15: Bindone-sulfonic acid and its salts [with summary in English]. E.Gudriniece and others. Izv.AN Latv.SSR no.2:111-114 '61.

SULFONIC ACIDS
Continuous method of production of alkyl sulfonates. A.I. Gershenovich, E S. Balakhiev, V.V. Ostroumova. Khim.prom. no.10 701-707 O '62.
Preparation and properties of sulfonic acid homogeneous membranes. A.A.Vasil'ev, M.B.Gershman, T.A. Vasil'eva. Zhur.prikl.khim. 35 no.10:2288-2294 O '62

SULFOZIN
Effect of sulfozin on higher nervous activity in patients with acute alcoholic psychoses. Kh.A.Gasanov Izv.AN Azerb.SSR,Ser.biol i med.nauk no.6:101-107 '62.

SULFUR
(see also subdivision under Gaurdak)
"Active" and "inactive" sulfur of cation exchangers. M N. TSypkina, G I. Makhnovetskaia, V.V. Sergeeva. Zhur.prikl.khim 35 no.11:2410-2441 N '62.
Experimental data on the conductivity of the arsenic - sulfur vitreous state system [with summary in English]. R.L.Miuller, L.A.Baldakov, Z.U.Borisova Vest.LGU 17 no.22:77-89 '62.
Manufacture of sulfur in the form of scales. I.N. Vedeniakov and others. Khim.prom. no.10:773 O '62.
Standard method for determining sulfur content in titanium dioxide. V.V.Malovannyi, A.V.Zholnin. Standartizatsiia 26 no.12,23-24 D '62.

SULFUR BACTERIA see Bacteria, Sulfur

SULFUR MINES AND MINING see subdivision under Rozdol

SULFUR ORGANIC COMPOUNDS
Organic sulfur compounds in sulfate pulp cooking. B.D. Bogomolov, G.F.Proshkin. Izv.vys.ucheb.zav.; les. zhur. 4 no.5:147-155 '61.
Sulfur-containing accelerators for rubber reclaiming V.F. Drozdovskii Kauch.i rez 21 no 11,17 N '62.

SULFURIC ACID
Absorption of arsenous and selenous anhydrides in roast gas scrubbing by sulfuric acid. E.V.IAshke. Khim. prom. no.10 740-742 O '62.
Relative reaction rates of some selenides and elementary selenium with sulfuric acid. L.S.Getskin, V.V. IAtsuk. Zhur.prikl.khim. 35 no.11:2546-2548 N '62.
Thermodynamic characteristics of phthalocyanines in sulfuric acid solutions B.D. Berezin Zhur.neorg. khim 7 no 11 2507-2513 N '62

SUMMATION (LAW)
Problems of socialist legality in the summations of defense counsels. IA.Kul'berg. Sov.iust. no.8:9-11 Ap '62

SUMY PROVINCE—FRUIT CULTURE
Using low-productive slopes for orchards. O.H. Perebyinis. Visnyk sil'hosp.nauky 5 no.10:49-53 O '62.

SUMY PROVINCE—RURAL LIBRARIES
The communist way. I. Zhadanivs'kyi. Volov. ateist no 6:24-25 Je '62.

SUN
Editor's mail box. A.T.Aslanian. Izv.AN SSSR,Ser. geol. 27 no.11:112 N '62.

SUNFLOWER SEED see subdivision under Moldavia

SUNFLOWER SEED MEAL
Effect of the method of preparation on the forage value of sunflower cake. V.I.Zvlahintsev. Visnyk sil'hosp. nauky 5 no.10:39-44 O '62.

SUNFLOWERS see subdivision under Donets Province

SUNFLOWERS—DISEASE AND PEST RESISTANCE
Method of selecting broomrape-resistant sunflowers. V.F Kukin Zashch rast.ot vred i bol 7 no 8 26-29 Ag '62

SUNFLOWERS—DISEASES AND PESTS see subdivision under Krasnodar Territory; Russia, Southern

SUNSPOTS
Eleven-year variations on cosmic ray intensity. N.P. Chirkov, V.A.Filippov, G.V Shafer. Trudy IAI AN SSSR,Ser.fiz. no 4:123-131 '62.

SUPERCONDUCTIVITY
Determining the critical temperature of a superconductor. V.A. Moskalenko. Fiz.tver.tela 4 no.10:2770-2776 O '62.
Electrodynamics of superconductors. V.Z.Kresin. Fiz tver.tela 4 no.10:2832-2834 O '62.
Superconducting magnets. R.Kropshot, V.Arp. Usp fiz.nauk 78 no.4:653-678 D '62.

SUPERSATURATED SOLUTIONS see Solutions, Supersaturated

SUPERSONIC NOZZLES
Some characteristics of supersonic flow in the entrance region of a gas ejector. A.IA.Cherkez. Izv.AN SSSR, Otd.tekh.nauk, Mekh.i mashinostr. no.6:40-49 N-D '62.

SUPERSONIC TESTING see Ultrasonic testing

SUPERSTITION see subdivision under Dnieper Valley

SUPERVISORS, INDUSTRIAL see Foremen

SUPPORT (DOMESTIC RELATIONS)
Exaction of payments for the support of children from the copyright royalities of workers and employees. L. Grinberg. Sov.iust. no.10:10-11 My '62

SUPPURATION
Treatment of suppurative inflammatory diseases by a modified method of sulfanilamide preparation electrophoresis [with summary in English]. N.A. Bornikov, B.B.Al'perovich. Klin.med. 40 no.10:105-108 O '62.

SURAMI RANGE—SAND, FOUNDRY
Studying the properties of foundry sands from the Surami deposit. R B Zventitskaia, B V. Petritshvili Trudy Inst. met AN Gruz. SSR 12 153-159 '62.

SURFACE-ACTIVE AGENTS
Characteristics of goatskin leather tanning with chromium salts in the presence of cation-active compounds. S.A. Kuraitis and others. Nauch.-issl.trudy VNIIKP no.32:22-28 '60.
Corrosion resistance of indium, tin, and indium-tin alloys in the presence of surface-active agents. L.P Vdovenko, N.N Gratsianskii. Ukr.khim zhur. 28 no 9,1069-1072 '62
Effect of surface-active agents on the process of extraction of colloid-suspended mixed heavy metal ferrocyanides from their hydrosols by the method of coagulation. L.D. Skrylev, V.I. Borisskikhina, S.G. Mokrushin. Zhur.prikl.khim. 35 no.11:2300-2302 N '62.
Emulsification of reagents in the presence of stabilizers. A A. Baishulakov, V A Glembotskii, M. A. Sokolov Vest. AN Kazakh. SSR 18 no.11:47-54 N '62

SURFACE CHEMISTRY
Adhesion of simple boron enamels to low-carbon steel. A.A. Perminov. Izv.vys.ucheb.zav.; chern.met. 5 no.11:150-155 '62.
Presnov, V.A., IU.B. Novodvorskii, and M.P.IAkubenia. [Principles of the techniques and physics of bonding] Osnovy tekhniki i fiziki spaia. Pod red. V.A.Presnova. Tomsk, Izd-vo Tomskogo univ., 1961. 233 p.

SURFACE ENERGY
Role of surface energy in the formation of cubic texture in silicon iron. IA.N. Kunakov, B.G. Livshits. Fiz. met.i metalloved. 14 no.5:727-732 N '62.

SURFACE TENSION
Dependence of the surface tension of ternary solutions on component concentration and temperature. V.K Semenchenko, V.B. Lazarev. Izv.AN SSSR. Otd.khim nauk no.11:2080-2081 N '62.
On the statistical electron theory of free surface energy of binary metal solutions [with summary in English]. S.N. Zadumkin. Ukr.fiz.zhur. 7 no.7:715-719 Jl '62.

SURFACES
An analogue of surfaces of revolution in projective space. A.A. Luchinin. Izv.vys.ucheb.zav.;mat. no.6:80-82 '62.
Effect of the shape of end surfaces on the mechanical properties of joints in resistance butt welding. N.M Budnik, M.I. Romanets, IU.G. Belousov. Svar.proizv no.9:14-15 S '62.
Kinetics of thermal etching of twin boundaries in gold and copper. IA.E Geguzin, N.N. Ovcharenko. Fiz. tver.tela 4 no.11:3110-3116 N '62.

SURFACES (Continued)

On the double layer potential for nonregular regions. IU.D.Burago, V.G.Maz'ia, V.D.Sapozhnikova. Dokl. AN SSSR 147 no.3;523-525 N '62.

Pair of superimposed surfaces with a constant distance between corresponding points and the trihedron of S.D.Rossinskii. L.Berzina. Izv.AN Latv.SSR no.2: 99-101 '61

Transformations of surfaces by means of focal set of rays M.A.Akivis. Izv.vys.ucheb.zav.;mat. no 6 3-13 '62

SURFACES (TECHNOLOGY)

Deformations of surface roughness caused by roll or ball burnishing IU G. Proskuriakov, V. M. Men'shakov. Izv.vys ucheb zav , mashinostr. no.8 107-108 '62

Flow of contact surfaces during two-sided pressing in of punches. R.Glude. Izv.AN Latv.SSR no.1:47-54 '61.

Measuring the temperatures of white and black surfaces of various orientations. A. A Tsvid Inzh - fiz.zhur. 5 no.10;118-124 O '62.

SURFACES (TECHNOLOGY)—MEASUREMENT

Markov, A. L. [Measurement of surface roughness in compliance with State Standard 2789-59] Izmerenie sherekhovatosti poverkhnosti po GOST 2789-59. Leningrad, 1962. 35 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom Seriia: Mekhanicheskaia obrabotka i kontrol' kachestva produktsii, no. 20)

SURFACES (TECHNOLOGY)—TESTING

Effect of basic length on the results of the evaluation of surface roughness. M.G.Golubovskii. Standartizatsiia 26 no.11;20-23 N '62.

Investigating the distribution of wrinkle peaks on a rough surface A. I Kartashov Trudy inst. Kom stand.,mer i izm. prib. no.47 184-192 '61.

Profile length needed for a reliable determination of the parameters of surface roughness A N. Kartasheva Trudy inst. Kom. stand ,mer i izm prib no.47 193-198 '61.

SURFACES, DEFORMATION OF

Infinitesimal deformations of piecewise regular surfaces of revolution of negative curvature. V I. Mikhailovskii Ukr mat. zhur 14 no. 4,422-426 '62.

SURGEONS—DISEASES AND HYGIENE

Acute radiation burns [with summary in English]. N. I. Karlashenko Khirurgiia 38 no 10;22-25 O '62

SURGERY—BIBLIOGRAPHY see Bibliography—Surgery

SURGERY, OPERATIVE

Changes in the electrocardiogram in surgical interventions. M. D. Kogut, N. K. Furkalo. Vrach. delo no. 12; 81-87 D '62.

Napalkov, P. N., A. V. Smirnov, and M. G. Shralber, [Surgical diseases] Khirurgicheskie bolezni. Pod red. A. V. Smirnova. [Leningrad] Medgiz, 1961. 571 p. (DNLM)

Reticulocytic reaction of the blood as an index of hypoxia during surgery under anesthesia and during the postoperative period [with summary in English]. M. I. Kuzin, N A Ostpova. Khirurgiia 38 no 10;44-50 O '62.

"Surgical position and anesthesia" by A. P. Zil'ber. Reviewed by V. P. Smol'nikov. Vest. AMN SSSR 17 no. 9; 89-91 '62.

SURGICAL DRAINAGE see Drainage, Surgical

SURGICAL INSTRUMENTS AND APPARATUS

Formation of a stump of the duodenum by an instrument from the Research Institute for Experimental Surgical Apparatus and Instruments, E. F. Sokolov, E. M. Khodiev. Med. zhur. Uzb. no. 3;46-47 Mr '62.

SURGICAL INSTRUMENTS AND APPARATUS—CONGRESSES

Fifth scientific session of the Research Institute for Experimental Surgical Apparatus and Instruments, A. G. Mikhailkin, G. B. Ustrin. Vest. khir. 89 no. 9; 147-149 S '62.

SURGICAL OPERATIONS see Operations, Surgical

SURGICAL SOCIETIES

(see also subdivision under Gorkiy; Moscow Province)

Minutes of the Pirogov Surgical Society. Vest. khir. 89 no. 8;150-153 S '62.

SURKHANDARYA PROVINCE—GAS, NATURAL—GEOLOGY

Ekshibarov, S. V. [Tectonics and some problems of oil and gas potentials of Mesozoic sediments in the southwestern end of the Gissar meganticline and the eastern part of the Kashka-Darya trough] Tektonika i nekotorye voprosy neftegazonosnosti mezozoiskikh otlozhenii iugo-zapadnogo okonchaniia Gissarskoi meganticlinali i vostochnoi chasti Kashkadar'inskoi vpadiny. Tashkent, Izd-vo Akad. nauk Uzbekskoi SSR, 1962. 125 p.

SURKHANDARYA PROVINCE—GEOLOGY, STRUCTURAL

Ekshibarov, S V. [Tectonics and some problems of oil and gas potentials of Mesozoic sediments in the southwestern end of the Gissar meganticline and the eastern part of the Kashka-Darya trough] Tektonika i nekotorye voprosy neftegazonosnosti mezozoiskikh otlozhenii iugo-zapadnogo okonchaniia Gissarskoi meganticlinali i vostochnoi chasti Kashkadar'inskoi vpadiny. Tashkent, Izd-vo Akad. nauk Uzbekskoi SSR, 1962. 125 p

SURKHANDARYA PROVINCE—PETROLEUM GEOLOGY

Ekshibarov, S. N. [Tectonics and some problems of oil and gas potentials of Mesozoic sediments in the southwestern end of the Gissar meganticline and the eastern part of the Kashka-Karya trough] Tektonika i nekotorye voprosy neftegazonosnosti mezozoiskikh otlozhenii iugo-zapadnogo okonchaniia Gissarskoi meganticlinali i vostochnoi chasti Kashkadar'inskoi vpadiny. Tashkent, Izd-vo Akad. nauk Uzbekskoi SSR, 1962. 125 p.

SURVEYING

Check of corrections of horizontal directions for reduction to a plane. G M Grinberg Geod i kart. no. 3: 21-24 Mr '62

Classification of surveying nets of the U. S. S. R. Geod. i kart no. 1;70-71 Ap '62

Forty-fifth anniversary of the Great October Revolution. Geod. i kart. no. 11;3-10 N '62.

Inventiveness and efficiency. L. V. Ovchinnikov. Geod. i kart. no. 10;3-6 O '62.

Results of the socialist competition of agencies of the Main Administration of Geodesy and Cartography under the Ministry of Geology and Conservation of Mineral Resources of the U S S R during the fourth quarter of 1961 Geod i kart no 3:3-4 Mr '62

Russia (1923- U. S. S. R.) Gosudarstvennyi komitet po delam stroitel'stva. [Instructions SN 211-62 for engineering surveys for city and village construction] Instruktsiia po inzhenernym izyskaniiam dlia gorodskogo i poselkovogo stroitel'stva (SN 211-62). Moskva, Gosstroizdat, 1962. 119 p.

Russia (1923- U. S. S. R.) Gosudarstvennyi komitet po delam stroitel'stva. [Instructions SN 212-62 for topographic and geodetic work for city, village, and industrial construction] Instruktsiia po topografo-geodezicheskim rabotam dlia gorodskogo, poselkovogo i promyshlennogo stroitel'stva (SN 212-62). Moskva, Gosstroizdat, 1962. 99 p.

"Surveying and staking operations in industrial and civil engineering" by P. I. Poliakov, L. U. Selikov, S. I. Shchirin; "Principles of surveying for construction and assembly work" by M. M. Livanov. Reviewed by V. N Gan'shin. Geod. i kart. no. 11;69-74 N '62.

Using maps at 1:10,000 and 1:25,000 scales as bases for projecting linear structures. D. M. Ivanov. Geod. i kart. no. 4;50-52 Ap '62.

SURVEYING—BIBLIOGRAPHY see Bibliography—Surveying

SURVEYING—INSTRUMENTS

Checkered leveling rods with verniers with rhombic graduations. I. I. Opalev. Geod. i kart. no. 10 62-65 O '62.

SURVEYING—PROBLEMS, EXERCISES, ETC.

Selikhanovich, V. G. [Problems in geodesy] Zadachnik po geodezii. Moskva, Geodezizdat. Pt. 2. 1962. 270 p.

SURVEYING—STUDY AND TEACHING see subdivision under Moscow

SURVEYING—TABLES, ETC.

Authorship of tables. A. V. Butkevich, S. A. Angelov. V. N. Gan'shin. Geod. i kart. no. 10;68-68 O '62.

Compilation and publishing of geodetic tables. V. F. Pavlov. Geod. i kart. no. 10;68-72 O '62.

SURVEYING—TERMINOLOGY

Terminology in geodesy and cartography. Geod. i kart. no. 10;72-75 O '62.

SUSHKEVICH, ANTON KAZIMIROVICH, 1601-1962

Anton Kazimirovich Sushkevich; obituary. Usp. mat. nauk 17 no. 2;165 Mr-Ap '62.

SUSLIKS see subdivision under Kazakhstan

SUSLIKS—EXTERMINATION see subdivision under Russia, Southern

SUSPENSIONS (CHEMISTRY)

Criterial equation of heat transfer of liquid suspensions [with summary in English]. V. I. Kofanov. Inzh.-fiz. zhur. 5 no. 6;27-31 Je '62.

Modeling of unsteady dust-laden flows [with summary in English]. N. N. Shipkov. Inzh.-fiz. zhur. 5 no. 6; 102-104 Je '62.

SUSPENSIONS (CHEMISTRY)—ELECTRIC PROPERTIES

Changes of the electrokinetic potential of powder suspensions as characteristics of their degree of hydrophilic nature. A. I. Shutova, N. N. TSiurupa. Zhur. VKHO 7 no. 6;694 '62.

SUTURES

Mechanical suture of the vascular pedicle in nephrectomy. G. I. Erlamkin, N. M. Svetozarov. Urologiia no. 5;56-57 '62.

New method for suprapubic adenomectomy with a removable suture applied to the prostatic bed [with summary in English]. B. Bulanda. Urologiia no. 5;49-51 '62.

"Tantalum mechanical suture in stomach resection" by IU. IA. Gritsman. Reviewed by G. L. Ratner and I. K. Svinkin. Med. prom. 16 no. 6;63 Je '62.

SUZDAL'—ACCOUNTING—STUDY AND TEACHING

Shortcomings in training accountants in specialized secondary schools. V. F. Argasntsev, V. A. Al't. Uchet i fin. v kolkhoz. i sovkhoz. 19 no. 12;44-45 D '62

SVARANTS REGION—IRON ORES

Ore olivinites of the Svarants deposit in southern Armenia as a specific genetic type of magmatic iron ores A. P. Lebedev. Geol. rud. mestorozh. no. 6 105-113 N-D '62.

SVARANTS REGION—OLIVINITES

Ore olivinites of the Svarants deposit in southern Armenia as a specific genetic type of magmatic iron ores A. P. Lebedev. Geol. rud. mestorozh. no. 6;105-113 N-D '62

SVATOVO DISTRICT—ATHEISM

When the lecture hall is overcrowded. S. Sokyrians'kyi. Volov. ateist no. 7;34-35 Jl '62

SVECHA (KIROV PROVINCE)—BOOKSELLERS AND BOOKSELLING

Enthusiasts of rural commerce. V. Shumilov. Sov. potreb. koop. 6 no. 9;16 S '62.

SVECHA (KIROV PROVINCE)—RESTAURANTS, LUNCHROOMS, ETC.

Enthusiasts of rural commerce. V. Shumilov. Sov. potreb. koop. 6 no. 9;16 '62.

SVERDLOVSK—APARTMENT HOUSES

Apartment house built by one brigade I Naidenov, V. Shil'nikov Na stroi Ros 3 no 8 8-9 Ag '62

SVERDLOVSK—BONES—TUBERCULOSIS

Dynamics of osteoarticular tuberculosis morbidity in Sverdlovsk during the past 30 years (1930-1956) [with summary in French] A. V. Bedrin. Probl. tub. no. 7; 3-7 '62.

SVERDLOVSK—DISABILITY EVALUATION

Tuberculosis as a cause of disability among Sverdlovsk workers in 1956-1960. I. P. Zaits, O. V. Sapozhnikova Probl tub. no. 7;7-11 '62.

SVERDLOVSK—IONOSPHERIC RESEARCH

Akademiia nauk SSSR. Institut zemnogo magnetizma, ionosfery i rasprostraneniia radiovoln. Sverdlovsk, Moskva. (Its: Materialy ionosfernykh issledovanii)

May-June 1958. 1962 63 p.
July-Aug. 1958. 1962. 67 p.
Sept.-Oct 1958. 1962. 63 p.
Nov.-Dec. 1958. 1962 56 p.
[MICROFILM]

SVERDLOVSK—JOINTS—TUBERCULOSIS

Dynamics of osteoarticular tuberculosis morbidity in Sverdlovsk during the past 20 years (1930-1956) [with summary in French]. A. V. Bedrin. Probl. tub. no. 7; 3-7 '62.

SVERDLOVSK PROVINCE—AGRICULTURE—AUDITING AND INSPECTION

Two years of the work of the departments of agricultural financing. V. Bulatov. Fin. SSSR 23 no. 11;56-60 N '62.

SVERDLOVSK PROVINCE—INDUSTRIAL RELATIONS

Black and white. P. Kliuev. Okhr truda i sots. strakh. 5 no. 11;28 N '62

SVERDLOVSK PROVINCE—LUMBERING

Silvicultural and economic evaluation of the Skorodumskiy technology. E. L. Moslakov. Les. khoz. 15 no 10;21-26 O '62

SVERDLOVSK PROVINCE—MACHINE TOOLS

Manufactured in the Sverdlovsk Economic Region. Mashinostroitel' no. 11;16-17 N '62.

SVERDLOVSK PROVINCE—MACHINERY INDUSTRY—PRODUCTION STANDARDS

Important department of industrial management. N. Charykov. Sots. trud 7 no. 11;45-47 N '62.

SVYATOGORSK—MONASTERIES

There where a monastery used to be. I.Ushko. Volov. ateist 3 no. 12;14-15 D '62.

SVYDNYTS'KYI, ANATOL, 1834-1871

Syvachenko, M. IE. [Anatol Svydnyts'kyi and the origin of the sociological novel in Ukrainian literature] Anatol' Svydnyts'kyi i zarodzhennia sotsial'noho romanu v ukrains'kii literaturi. Kyiv, Vyd-vo Akad. nauk URSR, 1962. 414 p.
(InU) (MH)

SWAMPS see subdivision under East European Plain; Iman Valley; Russia, Northwestern

SWEDEN—CORN (MAIZE)

Corn in Sweden Zemledelie 24 no 7:88 Jl '62.

SWEDEN—SHOPPING CENTERS

Shopping centers in Swedish cities. K. Kartashova. Arkhit. SSSR no. 7 57-63 '62.

SWEDEN—YOUTH—SOCIETIES, ETC.

In our town of Orebro...; a meeting in the club of the Democratic Youth Organization of Sweden Ivor Marklund. Mol. mira no. 5/6:31 '62.

SWEDISH TURNIP see Rutabaga

SWIMMING

Investigation of the movements of a swimmer by pneumohydrodynamography. A. A. Guminskii, L. P. Makarenko Teor. i prak. fiz., kul't. 25 no. 10:68-71 O '62.

Studying heart activity with the help of continuous recording of the heart-beat rate in swimming and diving A. A. Arutsev. Teor. i prak. fiz. kul't. 25 no. 10:36-41 O '62.

SWINE

(see also subdivision under Kharkov Province, Mongolia)

Mechanized preparation of combined fodder for pigs. F. Novobrantsev. Tekh. v sel'khoz. 22 no. 10:24-26 O '62.

Shcherbov, N. A. [Keeping suckling sows with baby pigs in groups] Gruppovoe soderzhanie podsosnykh matok s porosiatami. Leningrad, Sel'khozizdat, 1962. 78 p. (DNAL)

Smirnov, N. P. [Winter farrowing at the "Nikonovskoy" Breeding Station] Zimnie oporosy v plemzavode "Nikonovskoe." [Moskva] Mosk. rabochii, 1962. 44 p. (Iskh opyt dostupen vsem) (DNAL)

Using one-litter sows for accelerated production of pork. M. D. Liubetskii Nauch. trudy Zootekh. fak. Khar. zoovet. inst. 11:92-95 '62.

SWINE—DISEASES AND PESTS

Konopel'ko, P. IA. [Preventing noninfectious diseases in young pigs] Preduprezhdenie nezaraznykh boleznei porosiat. Minsk, Gos. izd-vo sel'khoz. lit-ry BSSR, 1962. 48 p. (DNAL)

Some biochemical changes in infectious atrophic rhinitis in swine [in Armenian with summary in Russian]. G. V. Kamalian. Izv. Glav. upr. sel'khoz. nauki i podgot. kad. Arm. SSR 5 no. 4:89-95 '62.

SWINE—FEEDING AND FEEDS

(see also subdivision under Cherkassy Province)

Domestic bone meal and its use in fattening swine for meat [with summary in English] V. A. Tashchilin Izv. TSKHA no. 4:127-141 '62.

Effect of grinding concentrated feeds on the effectiveness of fattening swine for meat from self-feeders A. N. Kopyl, L. F. Zhmen'ko. Nauch. trudy Zootekh. fak. Khar. zoovet. inst. 11 45-50 '62.

Effect of protein supplements to food rations for pregnant sows on the size of the fetus and the consequent growth of young pigs. F. A. Kurman. Nauch. trudy Zootekh. fak. Khar. zoovet. inst. 11 113-118 '62

Effect of the breed and fattening rations of swines on the quality of smoked pork products. G. Lavrova Mias. ind. SSSR 33 no. 5 34-39 '62.

Feeding swine with dry and moistened concentrated feeds. IA. I. Vainshtein. Visnyk sil'hosp. nauky 5 no. 10, 102-104 O '62.

Rates of feeding swine with skimmed milk in intensive fattening for meat. IU. D. Korotun. Nauch. trudy Zootekh. fak. Khar. zoovet. inst. 11:80-85 '62.

Specific dynamic action of feed in pigs [with summary in English]. G. Grundman. Izv. AN Latv. SSR no. 2:145-152 '61.

SWINE—PARASITES see Parasites—Swine

SWINE—PHYSIOLOGY

Metabolism in grown and young sows at various stages of pregnancy. M. D. Liubetskii. Nauch. trudy Zootekh. fak. Khar. zoovet. inst. 11 96-101 '62.

SWINE HOUSES AND EQUIPMENT

Mechanized feed mill for swine-fattening farms. P. Troshyn, L. Bogovyk Sil'. bud. 12 no. 11 10-12 N '62.

Pig sty and fattening yard made of keramzit concrete slabs. I. Barenburg. Sel'. stroi. no. 11:7-8 N '62.

Redesigning pig sties for brood sows R. Stasenko. Sil' bud. 12 no. 11 8-10 N '62

SWITCHING THEORY

Switching circuit reliability [with summary in English]. A. Sh. Blokh. Avtom. i telem. 23 no. 12:1662-1666 D '62.

SWITZERLAND—HISTORY

New data on Hitler's plan to occupy Switzerland during the Second World War. V. M. Gilensen. Vop. ist. no. 11:198-199 N '62.

SYAMOZERO, LAKE—PARASITES—FISHES

Parasites of local schools of some fishes in Lake Syamozero. S. S. Shul'man, IU. N. Berenius, E. A. Zakharova. Trudy Kar. fil. AN SSSR no. 14:47-71 '59.

SYMBOLIC AND MATHEMATICAL LOGIC see Logic, Symbolic and mathematical

SYMBOLISM (PSYCHOLOGY)

Subjectivist and idealistic nature of Alfred N. Whitehead's theory of symbolism [with summary in English, p 186] A. A. IAkushev. Vop. filos. 16 no. 12 117-128 '62

SYMMETRY

Symmetry of the world A. A. Abrikosov, L. M. Khalatnikov. Fiz. v shkole 22 no. 5 4-13 S-O '62.

SYMPATHETIC NERVOUS SYSTEM see Nervous system, Sympathetic

SYMPHONY ORCHESTRAS see subdivision under Moscow; Novosibirsk

SYMYRENKO, LEV PLATONOVYCH, d. 1919

Great gardener. H. Rudkivs'kyi. Znan. ta pratsia no. 8 22 Ag '62.

SYNCHROTRON

Polarization properties of synchrotron radiation emitted by high-energy electrons [with summary in English]. F. A. Korolev, O. F. Kulikov, A. S. IArov. Zhur. eksp. i teor. fiz. 43 no. 5:1653-1656 N '62.

Theory of the synchrotron, interaction between a particle and a clot. S. M. Rytov. Trudy Fiz. inst. 18 32-54 '62.

SYNCHYTRIUM

Letters to the editor. I. G. Noskov and others. Zashch. rast. ot vred. i bol. 6 no. 8:10 Ag '61.

SYNTHETIC PRODUCTS

We should expand the production and utilization of synthetic materials B. Rodin Kommunist 39 no. 18. 73-82 D '62

SYR DARYA—STREAM MEASUREMENTS

Practice of integral measuring of the discharges of the Syr Darya River. V. S. Gershberg Trudy GGI no. 98: 47-55 '62.

SYR DARYA VALLEY—LICORICE

Resources and distribution of licorice in the middle course of the Syr Darya River. E. B. Khudaibergenov. Trudy Inst. bot. AN Kazakh. SSR 13 205-241 '62.

SYR DARYA VALLEY—REED (BOTANY)

Reed growths in the middle course of the Syr Darya River. A. I. Isambaev. Trudy Inst. bot. AN Kazakh. SSR 13:26-72 '62.

SYRIA—COSTUME

Syrian national costumes Jubran Kourtyych. Zhen. mira no. 8:26, 31 '62.

SYRIAN DESERT—WATER, UNDERGROUND

Basic results of using a combination of methods in searching for underground waters for watering pastures in the Syrian Desert. B. V. IAstrebov, V. P. Prorokhin Geofiz. razved. no. 10:48-65 '62

SYRUPS see subdivision under Ukraine

SYSTEMS (CHEMISTRY)

Complex formation in the system $AlBr_3$ - $(C_4H_9)_2O$ - C_6H_5Cl. E. IA. Gorenbein, V. V. Sukham. Ukr. khim. zh. 28 no. 7 799-801 '62.

Complex formation in the systems $AlBr_3$ - $(iso\text{-}C_5H_{11})_2O$ - $C_6H_5NO_2$ and $AlBr_3$ - $(iso\text{-}C_5H_{11})_2O$ - C_6H_5Br. E. IA. Gorenshtein. Zhur. neorg. khim. 7 no. 11:2627-2629 N '62

Dependence of the surface tension of ternary solutions on component concentration and temperature. V. K. Semenchenko, V. B. Lazarev. Izv. AN SSSR, Otd. khim. nauk no. 11:2088-2091 N '62.

Determination of the steps of stable diagonals in a reciprocal septenary system of the 16 C type. N. S. Dombrovskaia. Dokl. AN SSSR 147 no. 3:615-617 N '62.

Diffusion near the critical demixing point of the system triethylamine - water - phenol [with summary in English]. I. R. Krichevskii, N. E. Khazanova, M. V. Kal'sina. Inzh.-fiz. zhur. 5 no. 6 93-96 Je '62.

Ferroelectric properties of $SrNb_2O_6$ - O_5YbFeO. E. V. Siniakov, E. F. Dudnik. Fiz. tver. tela 4 no. 10:2971-2972 O '62.

Heat transfer between gas-liquid systems and the heat exchange element. V. N. Sokolov, A. D. Salamakhin. Zhur. prikl. khim. 35 no. 11:2570-2573 N '62.

Interaction in the quaternary reciprocal displacement system $AgCl+CuCl+Zn \rightarrow ZnCl_2+Ag+Cu$. A. P. Palkin, IU. P. Afinogenov. Zhur. neorg. khim. 7 no. 11:2611-2618 N '62.

Interaction in the system AgCl+Cu=CuCl+Ag. A. P. Palkin, IU. P. Afinogenov. Zhur. neorg. khim. 7 no. 11:2606-2610 N '62

Metastable equilibria in the systems $Ca(NO_3)_2$ - HNO_3 - H_2O and CaO - P_2O_5 - N_2O_5 - H_2O at 50°C. M. E. Pozin, B. A. Kopylev, Van Li-shen [Wang Li-sheng]. Zhur. prikl. khim. 35 no. 10:2134-2146 O '62.

Nonlinear properties and phase shifts in strontium-bismuth titanates. A. N. Gubkin and others. Fiz. tver. tela 4 no. 11:3293-3300 N '62.

On the theory of X-ray scattering by oriented polymers and other systems with axial macroscopic symmetry. V. N. Filipovich. Fiz. tver. tela 4 no. 11:3244-3253 N '62.

Phase equilibrium diagram of the system $Cr_2Nb_4O_{11}$ - $Nb_2Cr_2O_9$. V. N. Svechnikov, V. M. Pan. Sbor. nauch. trud. Inst. metallofiz., AN URSR no. 15 156-163 '62.

Some properties of the system Sb_2S_3 - Sb_2Te_3. V. A. Brodovoi. Fiz. tver. tela 4 no. 11:3165-3169 N '62

Spectra of neutrons from the sources, Po - Be and Ra - Be. L. Medvetskii Atom. energ. 13 no. 6 583-587 D '62

Stable intersecting tetrahedron of the system Na^+, K^+, Cu^{2+}, Ba^{2+} // F^-, Cl^-. G. A. Bukhalova, G. N. Maslennikova. Zhur. neorg. khim. 7 no. 11:2610-2616 N '62.

Ternary reciprocal system consisting of lithium and nickel chlorides and sulfates M. S. Golubeva, N. S. Medvedev Zhur. neorg. khim. 7 no. 11:2600-2604 N '62.

Vibration spectra of mixed crystals in the system Li_2SiO_3 - Li_2GeO_3. A. N. Lazarev, I. F. Kondakova Opt. i spektr. 13 no. 5 708-717 N '62

X-ray diffraction analysis of the antiferroelectric Pb_2MgWO_6 and the system of solid solutions Pb_2MgWO_6-$PbTiO_3$. A. I. Zaslavskii, M. F. Bryzhina Kristallografiia 7 no. 5 709-717 S-O '62

SZYMANOWSKI, KAROL, 1882-1937

Jubilee year in honor of Karol Szymanowski. Muz. ut. 26 no. 11:127-138 N '62.

K. Szymanowski in Russia. I. Nest'ev. Sov. muz. 24 no. 11:126-136 N '62.

TAGANROG—BOILERS

Chairman Tainlin Gaikushenko. IU. Alperovich. Energ. i prats. no. 12:27 D '62.

TAGANROG—INDUSTRIAL PLANTS

The method of assembly-line construction of complex operations. T. Kiseshchik, L. Tarlo. Na stroit. Ros. 3 no. 9:13-15 S '62.

TAGANROG—STEEL INDUSTRY—HYGIENIC ASPECTS

Hello, doctor! Zh. Sokol'skaia. Okha truda i zashch. strakh. 5 no. 11 10-11 N '62

TAGANROG REGION—GRAIN—TRANSPORTATION

How we transported grain. B. Kalinichenko. Avt. transp. 10 no. 12 6-7 D '62.

TAJIK DEPRESSION—GEOLOGY, STRATIGRAPHIC

Upper Tertiary sediments in the eastern part of the Tajik Depression. V. D. Bosov. Trudy Inst. geol. AN Tadzh. SSR 4:15-38 '61.

TAJIK LITERATURE—HISTORY AND CRITICISM

"Outline history of Soviet Tajik literature." Reviewed by I. Levshina. Vop. lit. 8 no. 10:199-205 O '62

TAJIKISTAN—BANKS AND BANKING

State Bank's role in developing the economy of Soviet Tajikistan. M. Dadabaev, V. Baishev Den. i kred. 20 no. 10:36-41 O '62.

TAJIKISTAN—COLLECTIVE FARMS—INCOME DISTRIBUTION

Supplementary wages on the collective farms of Tajikistan. G. Stamov. Ekon. sel'khoz. 33 no. 11:81-93 N '62.

TAJIKISTAN—CONJUNCTIVITIS, GRANULAR

Treatment of trachoma in Tajikistan with the new preparation dibiomycin [with summary in English]. A. S. Vnukhlat, A. A. Dzhumamkheva, N. N. Ivanova, Antibiotiki 7 no. 9:829-832 S '62.

TAJIKISTAN—DELHI BOIL

Incidence of cutaneous and visceral leishmaniasis in northern Tajikistan A. T. Kolonitskii Zdrav. Tadzh. 8 no. 5 25-28 '62.

TAJIKISTAN—INDUSTRIAL MANAGEMENT

State Bank's role in developing the economy of Soviet Tajikistan. M. Dadabaev, V. Baishev. Den. i kred. 20 no. 10:36-41 O '62.

TAJIKISTAN—KALA-AZAR

Incidence of cutaneous and visceral leishmaniasis in northern Tajikistan. A. T. Kolonitskii Zdrav. Tadzh. 8 no. 5:25-28 '62.

Some clinical data on visceral leishmaniasis in children. E. A. Nemirovskii. Zdrav. Tadzh. 8 no. 5 21-23 '62.

TAJIKISTAN—MULTIPLE SCLEROSIS

Multiple sclerosis in Tajikistan. A. Kh. Faizullaev. Zdrav. Tadzh. 8 no. 5:32-34 '62.

TAJIKISTAN—VOCATIONAL EDUCATION

Great objectives. T. Kondzhaev. Prof.-tekh. obr. 19 no. 7:4 Jl '62.

TAKOB VALLEY—DIKES (GEOLOGY)

Dike rocks of intrusive complexes of the Takob basin and some characteristics of their metallogeny (southern Gissar Range). S. M. Babakhodzhaev. Trudy Geol. in-ta AN Tadzh. SSR 4:175-189 '61.

TALAS ALA-TAU—SNOW LEOPARD

Snow leopard goes hunting. G V Kuznetsov, E.N. Matiushkin. Priroda 51 no.12:85-87 D '62.

TALES

Bulatov, M. [Master of the winds, folk tales of the R.S.F.S.R.] Kozlain vetrov; skazki narodov RSFSR Ris. I.Kuznetsova Moskva, Gos. izd-vo detskoi lit-ry, 1960 221 p. illus (MIDW)

TALES, WHITE RUSSIAN

"A strange story", a translation of White Russian tales into Russian. Reviewed by M.Bogdanovich. Belarus' 19 no.11:26 N '62.

TALL OIL

Complex esterification of tall oil acids with methyl alcohol. V P Sumarokov, Z M Volodutskaia Gidroliz i lesokhim prom 15 no 8-12-11 '62

TALLINN—PHARMACY—EQUIPMENT AND SUPPLIES

Improvement in the technology for filling ampules with injection preparations at the Tallin Chemicopharmaceutical Factory. A.F. Itskov. Med.prom. 16 no.6. 34-37 Je '62.

TAL'NOYE DISTRICT—COLLECTIVE FARMS

We deal it out generously to the people ... O.Tonkikh. Kul't.i zhizn' 6 no.10:16-18 '62.

TAMBOV PROVINCE—COMMUNIST PARTY OF THE SOVIET UNION—PARTY WORK

Important and urgent work. A.Kolobov, I.Mitin. Part. zhizn' no.23,16-21 D '62

TAMBOV PROVINCE—COST AND STANDARD OF LIVING

Important and urgent work. A.Kolobov, I.Mitin. Part zhizn' no.23:16-21 D '62

TAMBOV PROVINCE—POLITICS AND GOVERNMENT

The bar of conscience. V.Komov. Sov.deput.trud. no.12:64-65 D '62.

TANGANYIKA—ECONOMIC POLICY

Tanganyika, first steps. Az.i Afr.sovr. no.12:20-21, 24 D '62.

TANGANYIKA—POLITICS AND GOVERNMENT

Tanganyika; first steps. Az.i Afr.sovr. no.12 20-21, 24 D '62.

TANK VESSELS

(see also subdivision under Latvia)

Emergency operation of the electric power equipment of tank vessels. A.S. Chernitak Sudostroenie 28 no 11 42-13 '62

"Operation of marine tankers" by N I Pilavin. Reviewed by N. Kindiko. Mor flot 22 no 9 45 S '62.

Soviet tank vessels on the ocean routes of the world. Mor.flot 22 no.12:20 D '62.

TANKS

Construction of pit-type sunken tanks. V.A.Zakharov. Prom.stroi. no.10:18-21 '62.

Determining membrane stresses due to the weight of liquid and the weight of the shell itself. A G Sokolov. Mat.po mot.konstr. no.9:167-176 '62.

Geodetic method of detecting deviations in the body of a tank G.S. Cholotian, IU.K. Ishchenko. Stroi truboprov. 7 no 11 21-22 N '62.

Horizontal dimensions of square tanks. D Vibanov. Vod.i san tekh no 9 34-35 '62

TANNING

Characteristics of goatskin leather tanning with chromium salts in the presence of cation-active compounds. S.A.Kurnitin and others. Nauch.-issl.trudy TSNIKP no.32:22-28 '60.

TANNU-TUVA see Tuva A.S.S.R.

TANTALUM—THERAPEUTIC USE

"Tantalum mechanical suture in stomach resection" by IU.IA.Gritsman. Reviewed by G.L. Ratner and I.K. Svinkin. Med.prom. 16 no.6:63 Je '62.

TANTALUM COMPOUNDS

Spectrophotometric study of pyrogallate complexes of tantalum. A.K. Babko, V.V. Lukinchina. Ukr khim. zhur 28 no.7:779-785 '62

TANTALUM OXIDE

Binary oxides containing tungsten, tantalum, and niobium. L.M.Kovba, V.K.Trunov. Dokl.AN SSSR 147 no.3:622-624 N '62.

TAPEWORMS

(see also subdivision under Kamchatka; Khabarovsk Territory)

Bothriocephaliasis in pond fishes. V.A.Musselius. Trudy sov.Ikht.kom. no.14:220-224 '62.

TAPIRS, FOSSIL see subdivision under Fergana

TAR

Antiseptic properties of shale tar from gas collectors and its mixtures with halogen derivatives of naphthalene. G.E.Shaltyko. Izv.vys.ucheb.zav., les.zhur. 4 no.5:121-127 '61.

TAR—TOXICOLOGY see subdivision under Estonia

TAR OILS

Determination of germanium in tars and oils obtained in tar distillation [with summary in English]. G.S. Monev, S.G. Kalbanov, L.G. Rusheva. Zhur.anal.khim 17 no.8:945-948 N '62

TARBAGATAY RANGE—BOTANY

Stepanova, E.F. [Vegetation and flora of the Tarbagatay Range] Rastitel'nost' i flora khrebta Tarbagatai. Alma-Ata, Izd-vo Akad. nauk Kazakhskoi SSR, 1962. 433 p.

TARKOV, PETR NIKOLAEVICH, 1902-1962

P.N.Tarkov, obituary. Vop.ist. no.11:217 N '62.

TARUTINO DISTRICT—GYPSUM CRYSTALS

Gypsum crystals of Pliocene sediments in Tarutino District. IU.IU Urk, A.D Lebedieva Trudy Inst geol nauk AN URSR Ser petr., min ta geokhim no.8 178-184 '60

TASHKENT—CONSTRUCTION INDUSTRY

Tashkent needs a unified construction organization. V.Khabarov, I.Borovkov Nar.khoz.Uzb. 1 no.9: 27-31 S '62.

TASHKENT—MUTINY

A conference dedicated to 50th anniversary of the Turkestan sappers. V Kudrinkov. Obshchestv nauki v Uz 6 no 10 75-76 '62.

TASHKENT—PAINT INDUSTRY

"Mineral pigments can be obtained locally." M Bodnia, M.Osovetskii. Nar.khoz.Uzb. 4 no.9:84-85 S '62.

TASHKENT—PHARMACY—STUDY AND TEACHING

Tashkent Pharmaceutical Institute is 25 years old. M.A. Antsov, Z.M. Manulkin, A.N. Tatarenko. Uzb. khim. zhur. 6 no 5 87-88 '62.

TASHKENT PROVINCE—AGRICULTURAL ADMINISTRATION

Practice asserts itself. K.Madaliev. Part. zhizn' no 23 50-52 D '62

TASHKENT PROVINCE—SERICULTURE

Produce more cheap cocoons. V.Grankina, B.Rakhimov. Nar.khoz.Uzb. 4 no.9:48-50 S '62.

TASHKENT REGION—TEMPERATURE

Active temperature totals I N Afroslavtsev. Meteor i gidrol no 12 29-30 D '62

TASTE

Analyzers and their condition in rural inhabitants. E A Khairushev Zdrav Kazakh. 22 no 3:44-46 '62

TATAR A.S.S.R.—AERONAUTICS IN AGRICULTURE

Improve the organization of spraying chemicals from an airplane A.M. Volynshchikov Zashch. rast ot vred i bol. 7 no.8 15-16 Ag '62.

TATAR A.S.S.R.—CEMENT INDUSTRIES

Results of geological, economic, and technological studies looking toward the establishment of a cement industry in Tatarstan. V.N. Nazimov. Izv.Kazan.fil.AN SSSR. Ser.geol.nauk no.9:131-152 '60.

Utilization of opoka of the Ul'yanovsk Province as hydraulic additives for the Shugurovo Cement Factory. U.G. Distanov, V.N. Nazimov. Izv.Kazan.fil.AN SSSR. Ser.geol.nauk no.9:153-170 '60.

TATAR A.S.S.R.—COAL GEOLOGY

Results of the study of coals in Tatarstan and means for their exploitation. A.Bludorov. Izv.Kazan.fil.AN SSSR.Ser.geol.nauk no.9:95-117 '60

TATAR A.S.S.R.—ENGINEERING GEOLOGY

Engineering geology regionalization of the left bank of the Volga portion in Tatarstan for construction of public and industrial buildings. F.S. Khabibullina. Izv.Kazan. fil.AN SSSR.Ser.geol.nauk no.9:189-198 '60.

Results of engineering geology studies in the Tatar A.S.S.R. M.S.Kaveev, F.S.Khabibullina. Izv.Kazan. fil.AN SSSR.Ser.geol.nauk no.9:171-187 '60.

TATAR A.S.S.R.—GEOLOGY

Study of Quaternary sediments in the Tatar A.S.S.R. and problems of further investigations. K.S. Andrianov. Izv.Kazan.fil.AN SSSR.Ser.geol.nauk no.9:225-239 '60.

TATAR A.S.S.R.—GEOLOGY, STRATIGRAPHIC

Study of Riphean sediments in the eastern part of the Russian Platform and the present-day concepts on their stratigraphic correlation in Tatarstan. L.F. Solomtsev. Izv.Kazan.fil.AN SSSR.Ser.geol.nauk no.9:209-224 '60.

TATAR A.S.S.R.—MINES AND MINERAL RESOURCES

Mineral resources of Tatarstan, a powerful source for the development of national economy. N.V. Kirsanov. Izv.Kazan.fil.AN SSSR.Ser.geol.nauk no.9:119-130 '60.

TATAR A.S.S.R.—OIL FIELD BRINES

Principal results of the study of the hydrogeology of oil fields in Tatarstan. E.F. Stankovich. Izv.Kazan.fil. AN SSSR.Ser.geol.nauk no.9:83-94 '60.

TATAR A.S.S.R.—PETROLEUM GEOLOGY

Characteristics of the distribution of Devonian oil fields in Tatarstan. A.M. Mel'nikov Izv.Kazan.fil AN SSSR Ser.geol.nauk no.9:19-22 '60.

Principal results of gravity and magnetic studies prospecting for oil-bearing structures in Tatarstan and adjacent areas. A.G.Salikhov. Izv.Kazan.fil.AN SSSR Ser.geol.nauk no.9,23-38 '60

Some results of the study of the presence and origin of petroleum in Tatarstan. B.M. IUsupov Izv Kazan fil AN SSSR.Ser.geol.nauk no.9:3-18 '60.

TATAR A.S.S.R.—PLANTS, PROTECTION OF

In Tatarstan N.K. Nikulina, N.M. Lukianenko, IU N. Neipert. Zashch rast.ot vred i bol 7 no.6 5-8 Je '62

TATAR A.S.S.R.—PROSPECTING—GEOPHYSICAL METHODS

Some results and urgent problems of oil prospecting in Tatarstan. G.IA. IAkupov. Izv Kazan fil AN SSSR. Ser.geol.nauk no.9:39-41 '60.

TATAR A.S.S.R.—ROCKS

Some results of the study of the physical properties of rocks. A.I. Krinari. Izv.Kazan.fil.AN SSSR Ser geol nauk no.9:61-72 '60

TATAR A.S.S.R.—ROCKS, SEDIMENTARY

Some results of the study of the lithology and facies of Eifelian-Pashiya sediments in eastern Tatarstan G.I. Mitropol'skaia. Izv.Kazan.fil.AN SSSR.Ser.geol.nauk no.9:45-60 '60

TATAR A.S.S.R.—RURAL CONDITIONS

By common effort. A.Absaliamov. Sov.deput.trud. no.11:23-27 N '62.

TATAR A.S.S.R.—SPRAYING AND DUSTING

Improve the organization of spraying chemicals from an airplane A.M Volynshchikov. Zashch rast ot vred i bol 7 no.8:15-16 Ag '62

TATAR A.S.S.R.—THEATER

In step with the times. M.Tutaev. Teatr 23 no.11: 48-51 N '62.

TAXICABS

(see also subdivision under Leningrad)

Improving the design of taxicabs. D.Liatin. Avt. transp. 40 no.12:32-33 D '62.

TAYMYR PENINSULA—GRAPTOLITES

Early Ordovician graptolites in the Taymyr Peninsula A.M. Obut, R.F. Sobolevskaia. Trudy NIIGA 127:65-96 '62.

TBILISI see Tiflis

TEA—FERTILIZERS AND MANURES

Foliar feeding of tea plants. T.I. Kalmykova. Izv. TSKHA no.4:193-207 '62.

TEACHERS see subdivision under Cherkassy

TEACHERS—LEGAL STATUS, LAWS, ETC.

Vollenko, E.I., and A.A. Abramova. [Labor rights of instructors in institutions of higher learning] Trudovye prava prepodavatelei vysshei shkoly. Moskva, Gosiurizdat, 1962. 82 p.

TEACHERS—SALARIES, PENSIONS, ETC.

Editor's mail. Prof.-tekh.obr. 19 no.8 21 Ag '62.

TEACHING

(see also subdivision under Poland, Ukraine)

Didactic requirements of special subject lessons. N.Terzimanov. Prof.-tekh.obr. 19 no.8 18-20 Ag '62.

Editor's mail. Prof.-tekh.obr. 19 no.7:27-28 Jl '62.

TECHNETIUM

Accumulation of technetium in thermal reactors B S. Kir'ianov, A.P. Smirnov-Averin, V I Galkov. Atom. energ. 13 no.6 505-507 D '62.

TECHNICAL ASSISTANCE, COMMUNIST

International socialism and national liberation movements. Vl.Kondrat'ev. Komm.Vooruzh Sil 3 no 24: 75-79 D '62.

TECHNICAL ASSISTANCE, MONGOLIAN see subdivision under Guinea

TECHNICAL ASSISTANCE, RUMANIA

Lebedev, N.I. [Role of the Rumanian People's Republic in present-day international relations] Rumynskaia Narodnaia Respublika v sovremennykh mezhdunarodnykh otnosheniiakh. Moskva, Izd-vo IMO, 1962. 95 p (Vneshniaia politika: mezhdunarodnye otnosheniia)

TECHNICAL ASSISTANCE, RUSSIAN see subdivision under Egypt

TECHNICAL EDUCATION

(see also subdivision under Donetsk, Moscow, Rudnyi, Kustanay Province)

Suggestions of young specialists. N.Matiukov. Avt. transp. 40 no.12:30 D '62.

Zhidelev, M. A., and others. [Secondary school production training in mechanical engineering] Proizvodstvennoe obuchenie v srednei shkole po mashinostroitel'nym professiiam, metodicheskoe posobie dlia prepodavatelei i instruktorov proizvodstvennogo obucheniia. Pod red. M. A. Zhideleva. Moskva, Izd-vo APN RSFSR, 1962. 141 p.

TECHNICIANS IN INDUSTRY

Measuring the work complexity of engineering and technical workers and employees. A. Dobrev. Biul. nauch. inform. trud i zar. plata 5 no. 11:62-66 '62.

New developments in paying bonuses to engineers and technicians. E. Vasil'ev. Sots. trud 7 no. 11:108-116 N '62.

TECHNOLOGICAL INNOVATIONS
(see also subdivision under Czechoslovakia, Elista region, Estonia, Gorkiy Province, Kazakhstan, Latvia, Leningrad, Leningrad Economic region, Minsk Province)

Advertisement board. Izobr. i rats. no. 12:30 D '62.

Advertising board. Izobr. i rats. no. 11:38 N '62.

After the 22nd Congress of the CPSU. Mekh. i avtom. proizv. 16 no. 11:56-58 N '62.

At various latitudes. Znan. ta pratsia no. 8:19 Ag '62.

Brigade of veterans. A. Kharitonova. Izobr. i rats. no. 11:22 N '62.

The brightest projector. M. Shpagin, G. Kulikov. Izobr. i rats. no. 11:22-23 N '62.

A common tale. N. Kulakov. Izobr. i rats. no. 12:22-23 D '62.

Experimental and technological sections. E. Boborykin. Na stroi Ros. 3 no. 8:21-23 Ag '62.

Following up our articles. Izobr. i rats. no. 12:13 D '62.

For lofty thoughts. R. Efimov. Izobr. i rats. no. 12:18-19 D '62.

For technological development. V. I. Degtiarev. Mekh. i avtom. proizv. 16 no. 11:12-16 N '62.

From other countries. Izobr. i rats. no. 12:37 D '62.

From the devil. I. Gringol'ts, I. Mamiofa. Izobr. i rats. no. 12:29 D '62.

Great potentialities of inventions. V. A. Ivanov. Izobr. i rats. no. 11:1-2 N '62.

Important payments. Izobr. i rats. no. 11:30 N '62.

Kuznetsov, P. I., and V. N. Rengach. [Interesting new developments in technology] Interesnye tekhnicheskie novinki. Leningrad, Ob-vo po rasprr. polit. i nauchn. znanii RSFSR, 1961. 110 p.

Moscow. Vystavka dostizhenii narodnogo khoziaistva SSSR. [Science on the march] Nauka na marshe, putevoditel'-ocherk. [By] O. Pisarzhevskii. Moskva, Gostoptekhizdat, 1962. 40 p.

News from five continents. Iun. tekh. 7 no. 11:10-11 N '62.

Notes of a designer. A. F. Dostoevskii. Izobr. i rats. no. 11:19-20 N '62.

Percentage of honesty. B. Finiasov. Izobr. i rats. no. 11:34 N '62.

Readers' letter exchange. Tekh. mol. 30 no. 10:22-23 '62.

Review of inventions at the park of the Central House of Soviet Army. Izobr. i rats. no. 11:14-15 N '62.

Short correspondence notes. Tekh. mol. 30 no. 10-11:10-11 '62.

Suggested, created, introduced. Izobr. i rats. no. 11:16-17 N '62.

Suggested, created, introduced. Izobr. i rats. no. 12:14-15 D '62.

Technology in the year 2000 (from "Neues Deutshland"). Nauka i zhizn' 29 no. 10:68-70 O '62.

This can be used in your enterprise. Mashinostroitel' no. 11:26-27 N '62.

This is our national contribution. Nar. khoz. Uzb. 4 no. 9:77 S '62.

Two suggestions made by F. F. Sazonov, a mechanic. N. D. Khomiakov. Gor. khoz. Mosk. 36 no. 11:36-37 N '62.

Whims of a talent. A. Gerber. Izobr. i rats. no. 12:23-24 D '62.

Why are they not members of the All-Union Society of Inventors and Innovators? Izobr. i rats. no. 11:24-25 N '62.

TECHNOLOGICAL INNOVATIONS—BIBLIOGRAPHY see Bibliography—Technological innovations

TECHNOLOGY

Anisimov, G. D. [Scientific and technological progress during the building of communism] Nauchno-tekhnicheskii progress v period stroitel'stva kommunizma. Moskva, Izd-vo "Znanie," 1962. 45 p. (Novoe v zhizni, nauke, tekhnike. III Seriia: Ekonomika, no. 24)

The flow of time. A. Narkevich. Tekh. mol. 30 no. 10:38 '62.

News around the world. Tekh. mol. 30 no. 10:26-27 '62.

TECHNOLOGY—BIBLIOGRAPHY see Bibliography—Technology

TECHNOLOGY—DICTIONARIES

Petrov, V. S., and S. A. Tulin, comps. [Russian-Czech polytechnical dictionary] Russko-cheshskii politekhnicheskii slovar'. Moskva, Glav. red. inostrannykh nauchno-tekhn. slovarei Fizmatgiza, 1962. 635 p.

TECHNOLOGY—HISTORY

The scientific research conducted by the Institute of the History of Natural Science and Technology. Vest. AN SSSR 32 no. 12:95-96 D '62.

TECHNOLOGY—INFORMATION SERVICES see subdivision under Armenia

TECHNOLOGY—INTERNATIONAL COOPERATION see subdivision under Communist Countries

TECHNOLOGY AND CIVILIZATION

The all-conquering will of man. V. Havrylov. Voiov. ateist no. 11:14-17 N '62.

TECHNOLOGY AND LAW

Technological progress and present-day international Law. M. I. Lazarev. Sov. gos. i pravo 32 no. 12:102-110 D '62.

TEETH

Age craniology of the fox (Vulpes vulpes L.). A. B. Markina. Trudy Biol. inst. Sib. otd. AN SSSR no. 8:171-178 '62.

TEETH, FOSSIL see subdivision under Bol'shaya Synya Valley

TELECOMMUNICATION
(see also subdivision under Chelyabinsk Province)

In the All-Union Main Power Engineering Administration. Energetik 10 no. 11:38 N '62.

Plan of a complex of communication buildings. V. Dubok. Stroi. i arkhit. 10 no. 11:14-15 N '62.

Shlapoberskii, V. I. [Elements of discrete communication systems] Elementy diskretnykh sistem sviazi. Moskva, Voenizdat, 1962. 235 p.

Simultaneous transmission of two statistically independent messages through one channel. R. D. Leites. Radiotekhnika 17 no. 12:16-27 D '62.

Time quantization of a signal with finite area. M. V. Rybashov. Radiotekhnika 17 no. 12:13-15 D '62.

TELEMETER (PHYSIOLOGICAL APPARATUS)

Problems of biological telemetry [with summary in English]. V. V. Parin, R. M. Baevskii, O. G. Gazenko. Probl. kosm. biol. 1:104-117 '62.

TELEPHONE—EQUIPMENT AND SUPPLIES

Berezovich, L. A., E. A. Zalonchkovskii, and E. I. Uzlov. [Modernized AMSO-60-U one-frequency semiautomatic telecommunication apparatus for local communication networks] Modernizirovannaia apparatura poluavtomaticheskoi sviazi odnochastotnoi sistemy dlia vnutrioblastnykh setei, AMSO-60-U. Moskva, Sviaz'izdat, 1962. 90 p. (Tekhnika sviazi)

TELEPHONE, WIRELESS

New marine radio-telephone "Irtysh." I. Miroshnichenko. Rech. transp. 21 no. 12:40-42 D '62.

TELEPHONE LINES

Sobolevskii, A. G. [Wires, cords, and cables] Provoda, shnury, kabeli. Moskva, Gosenergoizdat, 1962. 47 p. (Massovaia radiobiblioteka. Spravochnaia serila, no. 448)

TELESCOPE, RADIO

A radio telescope with a 22 meter reflector; design, erection, and adjustment. P. D. Kalachev, A. E. Salomonovich. Trudy Fiz. inst. 17 13-41 '62.

TELETYPE—EQUIPMENT AND SUPPLIES

Morokov, A. A. [Adjustment of ST-35 and STA teletypewriters] Regulirovka telegrafnykh startstopnykh apparatov tipa St-35, STA. Moskva, Sviaz'izdat, 1962. 86 p.

TELEVISION

Andreev, I. V., and others. [Radio consumer goods] Radiotovary, spravochnik. [Leningrad] Gostorgizdat, 1962. 211 p.

TELEVISION—HANDBOOKS, MANUALS, ETC.

Ait, Eduard, and Eduard Jakoobi. [How to handle a television set] Televisiori kasitsemine. Tallinn, Eesti Riiklik Kirjastus, 1962. 138 p. [In Estonian]

TELEVISION—MAINTENANCE AND REPAIR

Faults in the vertical sweep stage. A. Andreeva. Radio no. 11:47-48 N '62.

TELEVISION—STAGE-SETTING AND SCENERY

Postcard instead of scenery. V. Gerbachevskii. Nauka i zhizn' 29 no. 10:19 O '62.

TELEVISION IN EDUCATION

Television in classes. V. Glebov. Prof.-tekh. obr. 19 no. 7:24 Jl '62.

TELEVISION IN SCIENCE

Polonik, V. S. [Applied television] Prikladnoe televidenie. Moskva, Gosenergoizdat, 1962. 156 p.

TELLURIUM

Diffusion and electric transport of thallium in tellurium. N. I. Dragimov, M. G. Shakhtakhtinskii, A. A. Kuliev. Fiz. tver. tela 4 no. 11:3321-3325 N '62.

Effective coefficient of distribution of tellurium in aluminum antimonide. F. V. Skudnova, M. S. Margaryskaia. Zhur. neorg. khim. 7 no. 11:2568-2571 N '62.

Thermoelectric properties of tellurium and the effective mass of hole carriers. I. N. Timchenko, S. S. Shalyt. Fiz. tver. tela 4 no. 12:3512-3517 D '62.

TELLURIUM—ELECTRIC PROPERTIES

Galvanomagnetic properties of tellurium. Valence band structure. R. V. Parfen'ev and others. Fiz. tver. tela 4 no. 12:3596-3611 D '62.

TELLURIUM—ISOTOPES

Study of nuclear reactions of the type (p, xn) and (p, 2pxn) on separated tellurium isotopes [with summary in English]. N. G. Zaitseva and others. Zhur. eksp. i teor. fiz. 43 no. 5:1672-1677 N '62.

TELLURIUM—MAGNETIC PROPERTIES

Galvanomagnetic properties of tellurium. Valence band structure. R. V. Parfen'ev and others. Fiz. tver. tela 4 no. 12:3596-3611 D '62.

TEMKINO—BUILDING MATERIALS

Who is responsible for this? Sel'stroi. no. 11:26 N '62.

TEMPERATURE see subdivision under Azerbaijan, Caucasus, Northern, Tashkent Province

TEMPERATURE—MEASUREMENT

Apropos of I. A. Brovkin's article "Effect of an increase in the measurable mean temperature and the heat content of certain insulated bodies in the process of temperature balancing." D. D. Shpil'rain, B. I. Stefanov. Inzh.-fiz. zhur. 5 no. 6:126-131 Je '62.

Measuring the temperatures of white and black surfaces of various orientations. A. A. Tavil. Inzh.-fiz. zhur. 5 no. 10:118-124 O '62.

TEMPERATURE—PHYSIOLOGICAL EFFECT

Effect of ecological conditions on the intensity of reproduction of some freshwater oligochaetes. M. M. Kotov. Visnyk sil'hosp. nauky 5 no. 10:114-115 O '62.

TEMPERATURE REGULATORS

Automatic holding furnace temperature regulators. V. Ia. Kuganov, G. I. Obraztsov. Metallurg 7 no. 12:24-25 D '62.

Kampe-Nemm, A. A. [A simple universal two-positional isodromic regulator] Universal'nyi i prostoi avtomaticheskii dvukhpozitsionno-izodromnyi regulirator; sistema gramma lektsii. Leningrad, 1962. 36 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Seriia Pribory i elementy avtomatiki)

TEMPERING

Effect of thermomechanical treatment on metal susceptibility to temper brittleness. L. G. Bakvurelidze, F. N. Tavadze. Trudy Inst. inst. AN Gruz. SSR 12:153-165 '62.

TENDONS—INJURIES AND RUPTURES

Primary suture of the flexor digitorum tendons with alcohol-gutnose catgut [with summary in English]. M. F. Oberfel'd. Khirurgiia 38 no. 10:111-115 O '62.

Surgeon's tactics in wounds of the tendons of the fingers and wrist. E. G. Lokshina. Zdrav. Tadzh. 9 no. 5:49-50 '62.

TENSIOMETERS

High tensiometric properties of PbS. A. N. Armenise-Geil', N. B. Dzhelepova. Fiz. tver. tela 4 no. 10:2714-2718 O '62.

TENT CATERPILLARS—BIOLOGICAL CONTROL see subdivision under Turan region

TEREPHTHALIC ACID

Separation of terephthalic and isophthalic acids by extraction with hot methanol. G. N. Freidlin, V. N. Davydov. Zhur. prikl. khim. 35 no. 11:2520-2526 N '62.

TERNOPOL' PROVINCE—BEANS

Characteristics of growing corn together with forage beans for ensilage in the western forest-steppe of the Ukraine. I. P. Verbyts'kyi. Visnyk sil'hosp. nauky 5 no. 10:32-38 O '62.

TERNOPOL' PROVINCE—CORN (MAIZE)

Characteristics of growing corn together with forage beans for ensilage in the western forest-steppe of the Ukraine. I. P. Verbyts'kyi. Visnyk sil'hosp. nauky 5 no. 10:32-38 O '62.

TERNOPOL' PROVINCE—FOREST INSECTS—ELIMINATION

The moth Operophthera brumata in the forests of Ternopol' Province. V. F. Zavadniuk. Visnyk sil'hosp. nauky 5 no. 11:94-96 N '62.

TERNOPOL' PROVINCE—LEGUMES

Economic effectiveness of pulse crops. O. V. Hordashevs'kyi. Visnyk sil'hosp. nauky 5 no. 10:81-83 O '62.

TERNOPOL' PROVINCE—OPEROPHTHERA

The moth Operophthera brumata in the forests of Ternopol' Province. V. F. Zavednitr. Visnyk sil'hosp. nauky 5 no. 11 94-96 N '62

TERNOPOL' PROVINCE—STATISTICS

Ternopol' (Province) Statisticheskoe upravlenie. [Economy of Ternopol Province, collected statistics] Narodne hospodarstvo Ternopil's'koi oblasti, statystychnyi zbirnyk. L'viv, Derzhstatvydav, 1962. 280 p.

TERRA COTTAS see subdivision under Samarkand

TERRACING

Using low-productive slopes for orchards. O. H. Perebyinis. Visnyk sil'hosp. nauky 5 no. 10 49-53 O '62.

TERRAMYCIN

Studying the physiological characteristics of the Actinomyces rimosus mutant LC-T-572 in relation to the biosynthesis of oxytetracycline [with summary in English]. Z. M. Zaitseva, N. V. Orlova. Mikrobiologiia 31 no. 3 449-453 My-Je '62.

TERRESTRIAL ELECTRICITY

New method for recording terrestrial currents. E. P. Zubareva, Iu. A. Nadubovich. Trudy IAF AN SSSR, Ser. fiz. no. 4;35-37 '62

TERRESTRIAL MAGNETISM see Magnetism, Terrestrial

TESLENKO, ARKHYP IUKHYMOVYCH, 1882-1911

Phrases and their meaning in the works of Arkhyp Teslenko. S. M. Kryvoruchko. Ukr. mova v shkoli 12 no. 6-22-35 N-D '62.

Syntactic characteristics of the works of Arkhyp Teslenko. A. T. Syz'ko. Ukr. mova v shkoli 12 no. 6 26-32 N-D '62.

TESTICLE—ABNORMITIES AND DEFORMITIES

Device for the fixation and traction of the testis in its forced descent into the scrotum. I. I. Ovchinnikov Urologiia no. 5;67-68 '62.

TESTING LABORATORIES

Activity of the Main Testing Laboratory in controlling production quality of the instrument industry. V. L. Sokolov. Izm. tekh. no. 12;1-1 D '62.

TESTING MACHINES

New breaking machine with a cam dynamometer. B. M. Gershkovich. Izm. tekh. no. 12;18-19 D '62.

Soveshchanie po metodam ispytaniia na iznashivanie, Moscow, 1960. [Methods for wear testing] Metody ispytaniia na iznashivanie; trudy. Moskva, Izd-vo Akad. nauk SSSR, 1962. 237 p. [MICROFILM]

TESTOSTERONE

Synthesis of alkyl derivatives of the androstane series. 2-hydroxymethylenedihydrotestosterone and 2α-methyldihydrotestosterone. I. N. Volovel'skii, G. V. Knorozova. Zhur. prikl. khim. 35 no. 11;2580-2582 N '62.

TETANUS

Diagnosis and treatment of tetanus [with summary in English]. B. IA. Padalka, V. A. Postovit. Vrach. delo no. 12;105-110 D '62.

Intracarotid administration of antitetanus serum in the treatment of tetanus [with summary in English]. G. A. Ivashkevich and others. Klin. med. 40 no. 10;73-77 O '62.

TETANUS ANTITOXIN

Intracarotid administration of antitetanus serum in the treatment of tetanus [with summary in English]. G. A. Ivashkevich and others. Klin. med. 40 no. 10,73-77 O '62.

TETRACYCLINE

Principles for therapeutic schemes in the treatment of erysipelas with the peroral and intramuscular administration of tetracycline [with summary in English]. V. R. Sobolev, V. L. Cherkasov. Antibiotiki 7 no. 9; 838-839 S '62.

Transplacental effect of antibiotics from the tetracycline group on the liver of rat embryos [with summary in English]. A. I. Borkalaia. Antibiotiki 7 no. 9;795-799 S '62.

Use of tetracyclines in suppurative meningitis. V. I. Pokrovskii, V. P. Sobolev. Klin. med. no. 9,46-51 '62.

TETRAMERES see subdivision under Khabarovsk Territory

TETRAPHYLLIDEA see subdivision under Kamchatka

TETRAZOLIUM COMPOUNDS

Triphenyl-tetrazolium chloride study of the condition of morphologically differentiated cells in developing cultures of blue-green algae [with summary in English]. M. V. Gusev, V. D. Fedorov. Mikrobiologiia 31 no. 3; 478-481 My-Je '62.

TEXTBOOKS see subdivision under Ukraine

TEXTILE FABRICS—STANDARDS

Determining the quality of industrial fabrics by appearance. A. P. Ditskaia, E. M. Sheinerman. Standartizatsiia 26 no. 12;46-48 D '62.

TEXTILE FACTORIES see subdivision under Kirovakan

TEXTILE FIBERS, SYNTHETIC

Meos, A. I. [Properties and use of synthetic fibers] Svoistva i primenenie sinteticheskikh volokon. Leningrad, 1962. 26 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Serila: Sinteticheskie materialy, no. 6)

"Synthetic fibers based on polyvinyl alcohol" by A. E. Akopian. Reviewed by N. V. Mikhailov. Prom. Arm. 5 no. 11,72-73 N '62.

TEXTILE INDUSTRY

Alkali soluble carboxymethyl cellulose and possibilities of its use in the paper and textile industries. G. A. Petropavlovskii, G. G. Vasil'eva. Trudy LTA no. 91. 115-121 '60

TEXTILE MACHINERY

Machine designers, the final decision is yours. L. Ananieva, A. Vezdukhova. Sov. profsoiuzy 18 no. 22;4-6 N '62.

TEXTILE WORKERS

(see also subdivision under Frunze)

Zlobnov, G. M. [Success depends upon the brigade] Uspekh zavisit ot brigady. [Moskva] Mosk. rabochii, 1962. 44 p. (Opyt brigad Kommunisticheskogo truda)

TEXTILE WORKERS—EDUCATION AND TRAINING see subdivision under Moscow

TEXTUAL CRITICISM see Criticism, Textual

THAILAND—MILITARY ASSISTANCE, AMERICAN

Yankees in Thailand. S. Kiselev. Az. i Afr. segodnia no. 11; 41-43 N '62.

THALLIUM

Diffusion and electric transport of thallium in tellurium. N. I. Ibragimov, M. G. Shakhtakhtinskii, A. A. Kuliev. Fiz. tver. tela 4 no. 11;3321-3325 N '62

Distribution of impurities of silver during the purification of thallium by crystallization methods. V. N. Vigdorovich and others. Zhur. prikl. khim. 35 no. 10; 2165-2170 O '62.

THALLIUM—SPECTRA

Spectral determination of thallium in mercury-antimony ores and in their treatment products [with summary in English]. E. A. Pometun, T. I. Chervina. Zhur. anal. khim. 17 no. 7;847-851 O '62.

THALLIUM COMPOUNDS

Effect of the nature of the organic solvent on the extraction of inner-complex compounds of thallium [with summary in English]. V. V. Begiashev, IU. A. Zolotov. Zhur. anal. khim. 17 no. 7;852-857 O '62.

THALLIUM IODIDE

Solubility of silver halides and thallium (I) iodide in aqueous solutions of similar alkali metal salts. V. E. Mironov. Zhur. neorg. khim. 7 no. 11 2630-2631 N '62.

THALLIUM ORES—SPECTRA

Spectral determination of thallium in mercury-antimony ores and in their treatment products [with summary in English]. E. A. Pometun, T. I. Chervina. Zhur. anal. khim. 17 no. 7;847-851 O '62

THAWING see subdivision under Yorkuta region

THEATER

(see also subdivision under Altai Territory, Armenia, Czechoslovakia; France; Georgia; Great Britain; Kharkov, Kuybyshev, Leningrad; Moscow; Nizhniy Tagil; Poland; Riga, Saratov, Tatar A.S.S.R.; Ufa; Ukraine; United States)

Kryzhitskii, G. K. [Great reformer of the stage, commemorating the centennial of the birth of K. S. Stanislavskii, 1863-1963] Velikii reformator sceny, k stoletiiu so dnia rozhdeniia K. S. Stanislavskogo, 1863-1963. Moskva, Izd-vo "Sovetskaia Rossiia," 103 p. (Bibliotechka "Khudozhestvennaia samodeiatel'nost," no. 20)

News from Dnepropetrovsk and other cities. Teatr 23 no. 11;156, 161-162 N '62.

Newspaper survey. Teatr 23 no. 11;145-146 N '62.

Repertoire of theaters for the year 1962. Teatr 23 no. 11;164-166 N '62.

The screen and the stage. Andrzei Wajda and others. Isk. kino no. 12;64-70 D '62.

THEATER IN ART see subdivision under Kiev

THEATERS—STAGE SETTING AND SCENERY

People and colors. I. Uvarova. Teatr 23 no. 11;92-96 N '62.

THEATRICAL MAKE-UP see Make-up, Theatrical

THELAZIA

Detection of Thelazia lacrymalis (Gurlt, 1831) in asses. V. M. Ivashkin, T. N. Timofeeva. Trudy Gel'm. lab. 11;98-101 '61.

Epizootiology and prophylaxis of thelaziasis of camels. V. M. Ivashkin. Trudy Gel'm. lab. 11;93-94 '61.

THEODOLITES

Geodetic method of detecting deviations in the body of a tank. G. S. Cholokin, IU. K. Ishchenko. Stroi truboprov. 7 no. 11 21-22 N '62

Method for shifting the horizontal circle without drawing up a working table (discussion). I. M. Konopal'tsev. Geod. i kart. no. 3 16-20 Mr '62.

The TT-4 theodolite. M. A. Bilunin. Geod. i kart. no. 3 25-32 Mr '62

THEOLOGICAL SEMINARIES

Beginning of the new school year in theological schools. A. Gorbachev, V. Nekrasov, A. N. Kravchenko. Zhur. Mosk. Patr. no. 10;8-10 O '62.

THEORY OF KNOWLEDGE see Knowledge, Theory of

THERAPEUTICS

Interrelation between clinical specialties (with the example of neuropathology and therapy). K. F. Konrakhin, G. P. Shul'tsev. Klin. med. no. 9 23-27 '62.

THERAPEUTICS—CONGRESSES

Present-day problems in pulmonology, the 15th All-Union Congress of Therapeutists. Klin. med. no. 8, 159-165 '62.

THERAPEUTICS, PARENTERAL see Parenteral therapy

THERAPEUTICS, SUGGESTIVE

Therapeutic significance of suggestion and hypnosis in cerebral vasopathy. I. M. Vish. Trudy Gos. nauch.-issl. inst. psikh. 25 538-550 '61.

THERMAL ANALYSIS

Interaction in the quaternary reciprocal displacement system AgCl+CuCl+Zn→ZnCl$_2$ +Ag+Cu. A. P. Palkin, IU. P. Afinogenov. Zhur. neorg. khim. 7 no. 11;2611-2616 N '62

Melting diagram of the system GaCl$_2$ - AlCl$_3$. A. P. Palkin, N. V. Ostrikova. Zhur. neorg. khim. 7 no. 11; 2635-2636 N '62.

Physicochemical studies of some crystalline hydrates. I. G. Berg, M. T. Safinova. Uzb. khim. zhur. 6 no. 5; 54-60 '62.

THERMAL STRESSES

Approximate plotting of the partial solution in the case of the temperature problem for a cylindrical shell. S. IA. IArema. Nauch. zap. IMA AN URSR. Ser. mashinoved. 9;101-122 '62.

Forced thermoelastic vibrations in cylindrical and spherical bodies. IA. S. Podstrigach, V. IU. Kruchkevich. Nauch. zap. IMA AN URSR. Ser. mashinoved. 9;80-97 '62.

Nauchnoe soveshchanie po teplovym napriazheniiam v elementakh turbomashin, Kiev, 1961. [Thermal stresses in the elements of turbomachines] Teplovye napriazheniia v elementakh turbomashin; doklady. Kiev, Izd-vo AN USSR.
No. 2, 1962. 174 p. [MICROFILM]

Regulating the cooling of castings in foundry molds. B. V. Babushkin, B. V. Rabinovich. Lit. proizv. no. 11; 24-27 N '62.

Residual stresses in thick welded joints with weld and base metal having dissimilar properties. V. A. Vinokurov, U Tszu-tszian [Wu Tsu-chien] Svar. proizv. no. 9;9-11 S '62.

Some one-dimensional nonstationary problems in thermoelasticity. R. N. Shvets. Nauch. zap. IMA AN URSR. Ser. mashinoved. 9;98-103 '62.

Temperature and voltage fields in the failure of materials by thermal breakdown [with summary in English]. V. V. Ustinov. Inzh.-fiz. zhur. 5 no. 10; 40-46 O '62

Thermoelastic stresses in radio parts used in the manufacture of instruments. IU. M. Volokobinskii, K. E. Medvedev. Izv. vys. ucheb. zav.; prib. 5 no. 6;101-109 '62.

THERMAL STRESSES—CONGRESSES

Resolutions of the conference on hot cracking of weldments, castings and ingots. Svar. proizv. no. 11;41-43 N '62.

Second conference on the hot cracking of weldments, castings, and ingots. V. V. Bolov. Svar. proizv. no. 11;41 N '62.

THERMAL WATERS

(see also subdivision under Carpathian Mountains)

Using subterranean hot water for municipal purposes. G. Kolpakov. Arkhit. SSSR no. 7 40-41 '62.

THERMIONIC EMISSION

Measurement of the electronic emission with time from tungsten wires calcinated by direct and alternating current. E. P. Sytaia, N. G. Shuppe. Izv. AN SSSR. Ser. fiz. 26 no. 11;1349-1353 N '62.

Thermionic emission from a hollow cathode. M. B. Pyt'eva, E. M. Dubinina. Izv. AN SSSR. Ser. fiz. 26 no. 11;1343-1346 N '62.

Use of a thermionic cathode in a microtron. B. Z. Kanter. Izv. AN SSSR. Ser. fiz. 26 no. 11;1353-1356 N '62.

THERMISTORS
Effect of the temperature gradient in the body of a thermistor data unit on the instrumental error in semiconductor devices [with summary in English], A. V. Bulyga, T. N. Abramenko Inzh.-fiz. zhur. 5 no 6 48-54 Je '62

Nechaev, G. K. [Semiconductor thermistors in automatic control] Poluprovodnikovye termosoprotivleniia v avtomatike. Kiev, Gostekhizdat, USSR, 1962. 253 p

THERMOCHEMISTRY
Thermochemical determination of the standard heat of formation of Co_2S_3 L. L. Pankova Izv. vys. uch. zav., khim. i khim. tekh 5 no. 4 564-568 '62

Thermodynamic analysis of interaction between hydrofluoric acid vapors and carbon. N. P. Galkin, V. A. Shubin, A. S. Krylov. Khim. prom no. 10 756-758 O '62

THERMOCOUPLES
Carborundum thermocouple sheaths with a high resistance to oxidation. E. V. Degtiareva, Sbor. nauch. trud. UNIIO no. 5, 103-112 '61.

Thermoelectromotive force of liquid couples. IA. I. Dutchik, O. P. Stets'kiv, V. IA. Prokhorenko Fiz. met i metalloved 14 no. 5; 789-791 N '62.

THERMODYNAMICS
Calculating the temperature field in a multilayer wall L. P. Zhuk Inzh.-fiz. zhur 5 no 10 100-103 O '62

Temperature field of a multilayer wall. A. G. Temkin Inzh.-fiz. zhur 5 no. 10 104-117 O '62

Thermodynamic analysis of some reactions occurring during the reduction of sodium sulfate by carbon. A. A. Fotiev. Zhur. prikl. khim. 35 no 11 2402-2409 N '62.

Thermodynamic theory of ferroelectromagnetics. A. I. Mitsek, G. A. Smolenskii. Fiz. tver. tela 4 no 12; 3581-3592 D '62

"Thermodynamics" by I. P. Bazarov. Reviewed by G. A. Svechnikov. Vop. filos. 16 no 12 175-176 '62

Thermodynamics of the interaction of cellulose with water and water solutions of electrolytes. Report No 3 K. P. Mishchenko, N. P. Dymarchuk, A. I. Sergeeva Trudy LTA no 91 65-70 '60

Use of Houston's generalized method in solving thermodynamic problems in the case of NaCl type ionic crystals. N. V. Kudriavtsev. Izv. vys. ucheb. zav., fiz no. 5, 46-48 '62.

THERMOELECTRICITY
Effect of the mutual entrainment of electrons and phonons on the thermo-emf and the Nernst effect A. L. Natadze, A. L. Efros. Fiz. tver. tela 4 no. 10; 2931-2939 O '62

Electric formation of point-contact diodes. A. P. Viatkin, A. A. Vilkov. Izv. vys. ucheb. zav., fiz. no. 5; 38-45 '62

Equipment for the rapid determination of the temperature dependence of the thermo-e.m.f. in semiconductors in a broad temperature range [with summary in English]. A. I. Shelykh, V. Z. Chukanov. Porosh. met. 2 no. 6, 96-99 N-D '62.

Investigation of the physicochemical properties of tungsten-rhenium thermo-electrodes [with summary in English]. IU. B. Kuz'ma and others. Porosh. met. 2 no. 6; 100-103 N-D '62.

Thermoelectric properties of tellurium and the effective mass of hole carriers. I. N. Timchenko, S. S. Shalyt. Fiz. tver. tela 4 no. 12; 3612-3617 D '62

Thermo-emf of heavily doped n-germanium. V. I. Fistul', K. V. Cherkas. Fiz. tver. tela 4 no 11 3286-3292 N '62

THERMOMAGNETISM
Anisotropy of even effects in crystals with orthorhombic and rhombohedral lattices. N. I. Davidenko Fiz tver. tela 4 no. 12; 3398-3402 D '62.

Effect of thermomagnetic treatment on natural ferromagnetic resonance in polycrystalline cobalt-manganese ferrates. M. A. Stel'mashenko, B. IU. Kapilevich Izv. vys. ucheb. zav., fiz. no. 5; 92-95 '62.

Thermomagnetic effects in semiconductors with degenerate bands. E. Normantas, G. E. Pikus. Fiz tver. tela 4 no. 10; 2692-2707 O '62.

THERMOMETERS
An acoustic thermometer. M. I. Mordukhovich. Trudy Inst. fiz. atm. no. 4; 30-80 '62.

THERMOMETRY
Measurement of the thermodynamic temperature of the equilibrium between solid and liquid zinc and between solid and liquid gold. N. V. Arefieva and others Trudy inst. Kom. stand., mer i izm. prib. no 49; 13-23 '60.

New determination of the temperature of solidification of pure gold. A. S. Arzhanov, A. N. Gordov, U. V. Dikov. Trudy inst. Kom. stand., mer i izm. prib no. 49; 5-12 '60.

New methods for establishing a thermodynamic scale in the range of low temperatures. A. D. Brodskii, V. P. Kremlevskii, A. V. Savateev. Trudy inst. Kom. stand., mer i izm. prib. no. 49; 24-29 '60.

Precision of the measurement of temperature of standards of length in checking them with comparators. S. I. Toropin. Trudy inst. Kom. stand., mer i izm. prib. no 47; 49-52 '61.

THERMOMETRY—CONGRESSES
The use of thermography. N. A. Nechitailo. Vest. AN SSSR 32 no. 12 101-102 D '62.

THERMONUCLEAR REACTIONS
Study of the operation of a magnetic thermonuclear reactor. V. L. Ginzburg. Trudy Fiz. inst 19 55-104 '62.

THIADIAZOLE SULFONAMIDE
Data on the characteristics of the diuretic action of fonurit. A. K. Mel'on, T. N. Kashanova. Terap. arkh no. 6 113-122 '62

THIAMINE
Polarographic behavior of thiamine. G. P. Tikhomirova, S. L. Belen'kaia. Ukr. khim. zhur 28 no 9 1048-1053 '62

THIAZOLE
Thiazolocyanines. Part II. Synthesis of thiazolocyanines from derivatives of thiazole with heterocyclic residues as substituents. E. D. Sych, E. D. Smaznaia-Il'ina Ukr. khim. zhur 28 no 9 1057-1065 '62

THIAZOLIDINEDIONE—SPECTRA
Substitution in the azolidine ring. Part 14. Absorption spectra of derivatives of 2,4-thiazolidinedione. E. V. Vladzimirskaia, N. M. Turkevich Ukr. khim. zhur 28 no. 7 855-857 '62.

THIOCYANIC ACID
Preparation of nonaqueous solutions of thiocyanic acid by the ion exchange method [with summary in English] G. M. Varshal, M. M. Senkevin Zhur. anal. khim 17 no 7 903-904 O '62.

THIOPENTAL
Mechanism of the prolonged anesthetic sleep produced with Shein-Ashman mixtures. Z. V. Volkova, V. P. Smol'nikov. Vest. AMN SSSR 17 no. 8 56-60 '62.

Shein's effect produced with 3% ether. Z. V. Volkova. Vest. AMN SSSR 17 no. 8 60-64 '62.

THIOPHENE
Adsorption of thiophene in, heptane from solutions by silica gel, aluminum oxide, and by the molecular sieves 5A and 13X. A. V. Kiselev, V. N. Semenova, IU. A. Eltekov. Kin. i kat. 3 no. 6; 937-941 N-D '62.

THISTLE see subdivision under Tselinograd Province

THORIUM—ANALYSIS
Use of chlorophosphonazo III for the photometric determination of titanium, zirconium, thorium, and scandium [with summary in English]. V. I. Fadeeva, I. P. Alimarin. Zhur. anal. khim. 17 no. 8; 1020-1023 N '62.

THORIUM COMPOUNDS—SPECTRA
Infrared spectra of the carbonate complex of thorium. A. V. Kartakin, M. P. Volynets. Zhur. strukt. khim. 3 no. 6; 714-716 '62.

THORIUM PHOSPHATE
Structure of the type Th_3P_4 described as a pack of polyhedra. P. I. Kripiakevich. Kristallografiia 7 no 5 686-689 S-O '62.

THOUGHT AND THINKING
Comparative characteristics of a disorder in the dynamics of thinking in initial arteriosclerosis of the vessels of the brain and schizophrenia. IU. F. Poliakov. Trudy Gos. nauch.-issl. inst. psikh. 25; 264-277 '61.

Comparative characteristics of subject and verbal classification as methods for studying thinking in vascular and other mental diseases. T. I. Tepenitsyna. Trudy Gos. nauch.-issl. inst. psikh. 25; 726-732 '61.

THOUGHT TRANSFERENCE
Experiment suggestion from a distance. Nauka i zhizn' 29 no 10, 98 O '62.

On the border of the unexplored. E. Parnov. Mol. mira no. 5, 6; 35-37 '62.

THREAD—TESTING
New indices in the evaluation of sewing threads. I. V. Safronova. Shvein. prom. no. 6; 25-26 N-D '62.

THROMBOPHLEBITIS
Errors in the diagnosis of thrombophlebitis of the lower extremities. I. G. Fishman. Khirurgiia 38 no 10; 58-62 O '62.

THROMBOSIS
Effectiveness of late anticoagulant therapy in cerebral vascular thrombosis. L. IA. Livshits, S. O. Parsamov. Klin. med. no. 9; 137-139 '62.

Pathogenesis, clinical aspects and treatment of vascular hypotony and the prevention of thrombotic insults in this case. V. A. Smirnov. Trudy Gos. nauch.-issl. inst. psikh. 25; 422-430 '61.

Stenosis and thrombosis of the extracranial large vessels of the head. V. N. Shtok. Klin. med. no. 9; 17-23 '62.

Surgical treatment of thrombosis and stenosis of the internal carotid artery [with summary in French]. E. I. *Zlatnik, S. F. Sekach*, Zhur. nevr. i psikh. 62 no. 8; 1172-1177 Ag '62.

THROMBOTROPIN
Modified method for the determination of thrombotropin and prothrombin in the blood plasma *N. A. Shilko*. Lab. delo 8 no. 5; 9-14 My '62.

THYROID GLAND
Changes in the thyroid gland during the prolonged intramuscular administration of cortisone, an experimental study. V. V. Nekachalov Zdrav. Latvii 9 no 5 41-44 '62.

Function of the thyroid gland in relation to the state of lipid metabolism in the dismetabolic syndrome. L. L. Genelina, I. N. Komarova, IA. M. Krasnokutskii, [illegible] no. 2; 126-136 '62.

Thyroid gland in healthy subjects and in goiter patients living in endemic foci of Andizhan Province and the Namangan group of districts of the Uzbek SSR as revealed by data from radioiodine diagnosis. R. B. Bilimbekov, T. A. Berkutov. Med. zhur. Uzb. no. 1 19-25 Ma '62.

THYROID GLAND—CANCER
Cancer of the thyroid gland and its relation to nodular goiter. U. A. Altybnov. Med. zhur. Uzb. no. 1 [illegible] Mr '62.

TICKS see subdivision under Karelia

TICKS AS CARRIERS OF DISEASE
Diagnosis of subclinical forms of tick-borne encephalitis [with summary in English]. B. S. Megazanik, V. V. Pogodina. Klin. med. no. 9; 40-48 '62.

Some observations on the development of Haemaphysalis bovis in a carrier tick. IU. I. Polianskii, [illegible] *Trudy Kar. fil. AN SSSR no. 11, 5-13 '60.*

TIEN SHAN—GEOLOGY, STRUCTURAL
Materials on the plan of the Upper Paleozoic magmatic activity in the eastern Glasur Range and Kuruktag Range (southern Tien Shan). A. Kh. Khamidov [illegible] Inst. geol. AN Tadzh. SSR 4; 141-152 '61.

Post-Permian magmatic activity and metallogenic processes in the Pamir-Alai and southern Tien Shan. M. Kh. Khamidov. Trudy Inst. geol. AN Tadzh. SSR 4; 127-139 '61.

Tectonic pattern of the Pamirs and Tien Shan and its relation to the surface relief of Mohorovicic. V. Ye. Khrustnikov, I. L. Nersesov. Sov. geol. 5 no. 11; 75-99 N '62.

TIENTSIN MASSACRE, 1870
History of the Tientsin events of 1870. A. A. [illegible] Kitai. sbor. Inst. nar. Az no 55 32-44 '61

TIFLIS—COMPUTATION LABORATORIES
"Counting factory" of Tiflis. A. Kondratov. Nauka i zhizn' 29 no. 10, 103-104 O '62

TIFLIS—GUIDEBOOKS
Gogia, G. [Tiflis; brief information for the tourist] Tbilisi; kratkie svedeniia dlia turista. Tbilisi, Gos. izd-vo "Sabchota sakartvelo," 1962. 129 p.

TIFLIS—LABOR COURTS
Our fellow workers' court. S. Sarkisov. Sov. turist no. 2; 22 D '62.

TIFLIS—ROOFS, SHELL
Building a thin-walled prefabricated shell. IU. Kerselidze, D. Kadzhaia. Arkhit. SSSR no. 7, 53-56 '62.

TIGIL' DISTRICT—GEOLOGY, STRUCTURAL
Effect of faulting and fracturing in rocks on the distribution of erosional pattern in southern Tigil' [illegible] of western Kamchatka. ID. N. Grigorenko. Trudy *VNIGRI* no. 193, 219-223 '62.

TIKHAYA BAY—IONOSPHERIC RESEARCH
Leningrad. Arkticheskii i Antarkticheskii nauchno-issledovatel'skii institut. [Tikhaya Bay] Bukhta Tikhaia. Moskva, [Its: Materialy ionosfernykh issledovanii]
Nov.-Dec. 1957. 1962. 28 p.
Jan.-Feb. 1958. 1962. 31 p.
Mar.-Apr. 1958. 1962. 35 p.
July-Aug. 1958. 1962. 41 p.
[MICROFILM]

TIKSI BAY—IONOSPHERIC RESEARCH
Leningrad. Arkticheskii i Antarkticheskii nauchno-issledovatel'skii institut. [Tiksi Bay] Bukhta Tiksi. Moskva [Its: Materialy ionosfernykh issledovanii]
May-June 1959. 1962. 35 p.
[MICROFILM]

TILES—DRYING
Adjusting the drying conditions for clay tile. I. A. Ilyler. Strot. mat. 8 no. 11; 28-31 N '62

TILLAGE
(see also subdivision under Altai Territory; Central Black Earth region; Cherkassy Province; Kuban Steppe)
Methods for tilling grass sod for flax [with summary in English]. L. S. Meleshkevich. Trudy VNIIL no. 5; 115-137 '58.

TIMAN RIDGE—GEOLOGY, STRUCTURAL
Nature of dislocations in the Timan Ridge. V. A. Ilyin-tsyn. Biul. MOIP. Otd. geol. 37 no. 5; 165 S-O '62.

TIMAN RIDGE—PALEONTOLOGY—PALEOZOIC
Finds and the stratigraphic distribution of vertebrates in the Paleozoic of northern Urals and the Timan Ridge. N. V. Kalashnikov. Izv. Komi fil. Geog. ob-va SSSR no. 7; 37-44 '62.

TIME PERCEPTION
Complementary interaction of cerebral hemispheres in the perception of time. D.G Filkin. Dokl.APN 6 no.1 81-84 '62.
Development of "time sense" in young skiers. F P. Korytnikov. Dokl.APN 6 no.4 117-118 '62.

TIME STUDY
Determining the total expenditure of work time per unit of production in the chemical industry N.Fedorenko, I.Mashinskii. Biul nauch.inform.-trud i zar.plata 5 no.11:12-49 '62.
Lost and found hour. M.Mokrin. Sov.profsoiuzy 18 no.23:18-19 D '62

TIMING DEVICES see Automatic timers

TIN
Anisotropy of the sign of the Hall effect in tin. S.V. Volkov, V.N.Kachinskii. Vest Mosk un Ser 3 Fiz, astron. 17 no.6 80-81 N-D '62.
At the conference on the efficient utilization of tin IA.Yu.Lokshin Kons.i ov prom 17 no.12 40-41 D '62.

TIN—ANALYSIS
Separation of indium and tin by extraction with alkylphosphoric acids I.S. Levin. Zhur.prikl.khim. 35 no.11 2368-2379 N '62

TIN COMPOUNDS
Reactions of peroxides with hexaethylditinnane and hexaethylditilane. N.S. Vinzankin, G.A. Razuvaev, O.A.Kruglaia (Shchepetkova). Izv.AN SSSR Otd.khim. nauk no.11 2008-2014 N '62

TIN-INDIUM ALLOYS see Indium-tin alloys

TIN ORGANIC COMPOUNDS
Inhibiting properties of stabilizers studied by the thermomechanical method. Part 2.Organotin compounds as stabilizers of polyvinyl chloride under the effect of high temperatures and gamma rays [with summary in English] M.N Shtelding, V.L Karpov. Vysokom.soed 4 no.12:1806-1811 D '62.
Preparation of organic salts of di-n-butyl tin. N.I. Sheverdina and others. Khim.prom no.10 707-708 O '62.

TIN OXIDE
Reactions between tin oxides and isopropyl alcohol. V.A.Komarov, S.A. Abdulaeva, E.A.Chernikova. Kin i kat. 3 no.6:920-926 N-D '62.

TIRASPOL' DISTRICT—PLANTS, PROTECTION OF
On Suvorov State Demonstration Farm. I.I. Alekseev, M.I.Zhigal'tseva, IU.A.Taroshenko Zashch.rast.ot vred i bol. 7 no.6.3-5 Je '62

TIRES, RUBBER
(see also subdivision under Gorkiy Province; Kirov Province)
Highway transport workers support the initiative of tire industry workers in Yaroslavl. Avt.transp. 10 no.11 54 N '62.
The R and RS new-design tires. I.Abolina, V.Prashchikin. Avt.transp. 40 no.11:38-41 N '62.
[illegible]
dlia vosstanovleniia. Moskva, Goskhimizdat, 1962. 35 p.

TIRES, RUBBER—MAINTENANCE AND REPAIR
Basic principles of designing the outer shape of sectional boiling bags. I.A. Belen'kii Kauch i rez. 21 no.11 39-45 N '62.
Increasing the durability of tires. A.Sheinin, N.Kornetchev. Avt.transp. 40 no.11:16-18 N '62.

TIRES, RUBBER—RETREADING AND RECAPPING
(see also subdivision under Georgia)
Pressing with cold water in repairing tires. I.Belen'kii, M.Estimontovskii. Avt.transp. 40 no.11:26-28 N '62.

TISSUE EXTRACTS
Agar-tissue preparation for the stimulation of animal fattening. M.A. Makarov, S.I. Solov'ev. Zhivotnovodstvo 24 no.9:35-36 S '62
Biogenic stimulators and their application in stockbreeding. P.E Redkevich Zhivotnovodstvo 24 no.9:24-32 S '62.
Effect of tissue preparations on the wool yields of sheep M.V. Vanenkov. Zhivotnovodstvo 24 no.9 37-38 S '62.
Tissue extracts and the production of beef. S.D. Volkov. Zhivotnovodstvo 24 no.9:36-37 S '62.

TISSUES—PRESERVATION
Preservation of the skin by the freeze-drying technic. A.G. Fedotenkov, L.A. Danilova, I.P.Dishkant. Probl.gemat.i perel.krovi no.8:45-48 '62.
Transplantation of a cornea preserved at low temperatures [with summary in English]. N.M. Savushkina. Vest.oft. no.5:36-42 '62.

TITANIUM
Characteristics of the spectra of electron paramagnetic resonance in ferroelectric ceramics containing titanium M.P Votinov, N.I.Demidenko Fiz.tver.tela 4 no.11:3211-3214 N '62.
Friendship with titanium. N.Bychkova Dobr.i rats. no.11:8 N '62.
Paramagnetic resonance and spin-lattice relaxation of Ti^{3+} ions in corundum. S.A.Al'tshuler, Sh.Sh.Bashkirov, M.M Zaripov. Fiz.tver.tela 4 no.12:3367-3372 D '62
Titanium cutting in conditions of cooling with use of CO_2 M.A Makhatadze, G.A Aladashvili Trudy Inst.met.AN Gruz SSR 12 173-186 '62
Voltampere characteristics of the electrolytic solution of titanium in fused salts E.B Gitman Ukr.khim.zhur. no.9:1116-1117 '62.

TITANIUM—ANALYSIS
Extraction-photometric determination of titanium by means of N-benzoylphenylhydroxylamine F.G Zhatovskii, E.A Shpak, L.V. Piskunova Ukr.khim.zhur no.9 1104-1106 '62
Use of chlorophosphonazo III for the photometric determination of titanium, zirconium, thorium, and scandium [with summary in English]. V.I. Fadeeva, I.P Alimarin. Zhur.anal.khim 17 no.8:1020-1023 N '62

TITANIUM—CORROSION
Derivatives of aniline and phenol as effective inhibitors of titanium corrosion in hydrochloric acid A.P. Biynza, L.I Gerasimina. Ukr.khim.zhur 28 no.9 1066-1068 '62

TITANIUM—METALLOGRAPHY
Mechanism of titanium oxidation. D.I. Lainer, A.S. Bal. Fiz.met.i metalloved. 14 no.2:283-286 Ag '62.

TITANIUM—SPECTRA
Nature of certain anomalous properties of α-Ti [with summary in English] P.P.Kuz'menko, P.O.Suprunenko. Ukr.fiz.zhur. 7 no.11:1242-1245 N '62.

TITANIUM ALLOYS—METALLOGRAPHY
Nature of changes in the physical properties of titanium alloys in the 100-400° temperature range V.N. Gridnev and others. Sbor.nauch.trab.Inst.metallofiz. AN URSR no.15:192-200 '62.

TITANIUM ALLOYS—WELDING
Semiautomatic welding of titanium alloys under flux. G.D. Nikonov. Svar.proizv. no.5.30-32 My '62

TITANIUM-BORON-CHROMIUM ALLOYS—METALLOGRAPHY
Data on the ternary system titanium - boron - chromium [with summary in English]. T.F. Fedorov and others. Poroshk.met. 2 no.6:42-49 N-D '62.

TITANIUM-CHROMIUM ALLOYS—ELECTRIC PROPERTIES
Investigating the specific electric resistance of alloys in the system titanium-chromium up to a temperature of 1,100°C. V.S. Mikheev, V.S. Aleksashin. Fiz.met.i metalloved. 14 no.2:231-237 Ag '62.

TITANIUM COMPOUNDS
Chlorination of titanium slags in melted carnallite. A.B. Bezukladnikov. Zhur.prikl.khim. 35 no.11:2360-2365 N '62.
Complex formation in the system titanium (IV) - dianthipyrylmethane - pyrocatechol A.K. Babko, M.M. Tananaiko. Zhur.neorg.khim. 7 no.11:2540-2556 N '62.

TITANIUM DIOXIDE—ANALYSIS
Standard method for determining sulfur content in titanium dioxide. V.A. Malevannyi, A.V. Zholnin. Standartizatsiia 26 no.12:23-24 D '62.

TITANIUM ELECTRODES see Electrodes, Titanium

TITANIUM-MOLYBDENUM ALLOYS
Elasticity of titanium vapor over Ti - Mo alloys. A.A. Kuz'min, L.S. Palatnik. Fiz.met.i metalloved 14 no.5:795-797 N '62.

TITANIUM OXIDE CRYSTALS
Temperature variation in the width of the spectrum of electron paramagnetic resonance in the system titanium - oxygen TiO_x ($x = 1.5 + 2.0$). M.P. Votinov, N.I. Demidenko. Fiz.tver.tela 4 no.11:3277-3279 N '62.

TITANIUM OXIDE CRYSTALS—SPECTRA
Infrared spectra of titanium and vanadium oxides in the crystalline state. S.M. Arlia, M.V. Golomolzina. Fiz. tver.tela 4 no.10:2921-2924 O '62.

TITANOMAGNETITE
Impurity elements in accessory magnetite as criteria for the genetic separation of granitoids of the Altai-Sayan region. V.A. Vakhrushev. Dokl.AN SSSR 147 no.3:707-709 N '62.

TITRATION
Mutual volumetric determination of cerium salts and triiodium orthophosphate. A.I. Ul'ianov, T.I. Kazakova. Izv.AN SSSR, Otd.khim.nauk no.11:2099-2102 N '62.

TKIBULI—AGGREGATES (BUILDING MATERIALS)
Agloporite made from coal enrichment wastes of the Central Concentration Plant of the Tkibuli mines G.P. Khomeriki Sbor.trud VNIINSM no.6 92-101 '62

TKVIBULI see Tkibuli

TOBACCO
Cultivation of tobacco seedlings in hotbeds covered with a polyamide film. I.D. Ivanova. Sbor.nauch.-issl. rab VITIM no.152:123-130 '61.
Effect of gibberellin on the growth and development of tobacco. E.A. Zviagina. Sbor.nauch.-issl.rab VITIM no.152:65-70 '61.
Essential oil from wastes of the aromatic group of tobacco. M.A. Koltun. Masl.-zhir.prom. 28 no.11:33 N '62.
Methods of germination and the frost resistance of tobacco seeds. A.S Iakovuk. Sbor.nauch.-issl.rab.VITIM no.152 71-73 '61.
Nicotine content of tobacco raised from seeds following grafting on tomatoes. M.I. Ternovskii. Sbor.nauch.-issl.rab.VITIM no.152:60-64 '61.

TOBACCO—FERTILIZERS AND MANURES
Effect of different nitrogen fertilizers on the yield and quality of tobacco. N.P. Ivanovskii. Sbor.nauch.-issl rab.VITIM no.152:74-89 '61.
Effect of increasing amounts of nitrogen fertilizers on the accumulation of nicotine in tobacco. M.F. Mashkovtsev, A.A. Shlotenko. Sbor.nauch.-issl.rab.VITIM no.152 90-111 '61.

TOBACCO—HARVESTING
Movement of green tobacco leaves in vertical and horizontal air flows. I.P. Leonov. Sbor.nauch.-issl.rab. VITIM no.152:157-169 '61.
Plane vibrating working part for harvesting tobacco leaves. B.P. Novikov. Sbor.nauch.-issl.rab. VITIM no.152:170-174 '61.
Pneumatic transporter for selecting tobacco leaves in mechanized harvesting. I.P. Leonov. Sbor.nauch.-issl.rab. VITIM no.152:141-156 '61.

TOBACCO—VARIETIES
Some physical characteristics of dried tobacco leaves from different varieties. Sbor.nauch.-issl.rab.VITIM no.152:30-40 '61.

TOBACCO—WATER REQUIREMENTS
Effect of soil moisture on the physiological maturation of tobacco seeds. V.I. Chikovskii, A.L. Goncharr. Sbor.nauch.-issl.rab.VITIM no.152:49-59 '61.

TOBACCO BLUE MOLD
Geographical distribution of tobacco downy mildew. R.I. Kirilkhina. Zashch.rast.ot vred i bol. 6 no.6: 47-49 Ag '61.

TOBACCO BREEDING
Capacity of the pollen and pistil of tobacco for fertilization before the opening of the flower [in Armenian with summary in Russian]. E.A. Gevorkian, F.M. Nubarian. Izv.Glav.upr.sel'khoz.nauk i podgot.kad. Arm.SSR 5 no.4:57-62 '62.
Composite tobacco and makhorka hybrids as a result of multiple fertilization. V.N. Kosmodem'ianskii, V.M. Solov'eva. Sbor.nauch.-issl.rab.VITIM no.152 7-19 '61.
Hybrid 11, a new variety of tobacco and the use of heterosis in the second generation. V.N. Kosmodem'ianskii. Sbor.nauch.-issl.rab.VITIM no.152:41-49 '61.

TOBACCO CURING
Changes of chlorophyll and nitrogen substances in tobacco leaves of different color during maturation and fermentation. A.G. Petrenko, Z.P. Belikova. Sbor. nauch.-issl.rab.VITIM no.152:131-140 '61.

TOBACCO INDUSTRY see subdivision under Azerbaijan

TOBACCO PROCESSING MACHINERY
Machine for crushing makhorka stems. V.A. Lipskii. Sbor.nauch.-issl.rab.VITIM no.152:175-179 '61.

TOBACCO ROOT ROT
Method for large-scale selection of tobacco forms resistant to the root rot. V.N. Kosmodem'ianskii. Sbor.nauch.-issl.rab.VITIM no.152.20-29 '61.

TOCOPHEROL
Biological role of vitamine E; a review. A.I. Rodina. Vop.pit. 21 no.4:74-80 Jl-Ag '62.

TOGO—FOREIGN ECONOMIC RELATIONS—GERMANY, WEST
Under camouflage. I.Sivtsev. Az.i Afr.Seg. no.11: 14-15 N '62.

TOLCHANOV, IOSIF MOISEEVICH
"My roles" by I. Tolchanov. Reviewed by V. Zalesskii. Teatr 23 no.11:142-143 N '62.

TOLERANCE (ENGINEERING)
"Reducing tolerances in forging" by A.S. Konikov. Reviewed by S.I. Kliuchnikov. Kuz.-shtam.proizv. 4 no.10:45-46 O '62.

TOLOCHIN DISTRICT—PUBLIC HEALTH, RURAL
General incidence of disease among the rural population. N.P. Belyi. Sov.zdrav. 21 no.12:12-16 '62.

TOLSTOI, ALEKSEI NIKOLAEVICH, 1882-1945

Rozhdestvenskaia, I. S., and A. G. Khodiuk. [A. N. Tolstoi; a seminar] A. N. Tolstoi; seminarii. Leningrad, Uchpedgiz, 1962. 325 p (MH)

TOLSTOI, LEV NIKOLAEVICH, 1828-1910

Educational ideas of L. N. Tolstoi; on the 50th anniversary of his death [in Georgian with summary in Russian]. G. Kiknadze. Trudy Tbil. GU 87: 151-171 '60

"Origin of L. N. Tolstoi's novel 'War and peace'" [in German] by Erwin Wedel. Reviewed by S. Rozanova. Vop. lit. 6 no. 10: 214-216 O '62

TOLUENE

Electron paramagnetic resonance spectrum of benzyl radicals. V. A. Tolkachev, I. I. Chkheidze, N. IA. Buben. Dokl. AN SSSR 147 no. 3: 643-644 N '62.

Reaction of toluene with phenylacetylene. V. D. Riabov, V. L. Vaiser, Chzhu IUi-tun [Chu Yu-t'ung]. Dokl. AN SSSR 147 no. 3: 639-642 N '62.

Selective solution by diethylene glycol of toluene - n heptane in countercurrent packed columns. M. A. Ustroikh, V. I. Brounshtein, V. N. Polorskii. Zhur. prikl. khim. 35 no. 11: 2454-2460 N '62.

TOLUENEDISULFONIC ACID

Reaction of sulfonation. Part 56: Isomerization of toluenedisulfonic acids. T. I. Potapova, A. A. Spryskov. Izv. vys. uch. zav., khim. i khim. tekh. 5 no. 4: 594-600 '62.

TOLUENESULFONIC ACID

Synthesis of tosyl ethers of lactose and lactulose. Z. B. Shaposhnikova and others. Ukr. khim. zhur. 28 no. 7: 858-860 '62

Use of piriten in the treatment of the cerebral forms of hypertension [with summary in English]. Z. N. Dracheva, T. M. Kuznetsova. Klin. med. no. 9: 100-106 '62.

TOMATO BREEDING

Nature of the distribution of family relations in hybrid tomatoes in non-Mendelian segregation [with summary in English]. IA. S. Aizenshtat. Trudy po prikl. bot., gen. i sel. 34 no. 2: 55-63 '61.

TOMATO PRODUCTS

Improving the performance of continuous production lines for the processing of tomato paste and tomato juice. F. T. Leonov. Kons. i ov. prom. 17 no. 12: 16-18 D '62

TOMATOES

(see also subdivision under Soviet Central Asia, United States, Volga-Akhtuba Flood Plain)

Increasing the cold resistance of tomatoes by early outdoor sowing [with summary in English]. M. V. Syskova. Trudy po prikl. bot., gen. i sel. 34 no. 2: 138-142 '61

Seed production of greenhouse tomato varieties as related to the conditions of growing [with summary in English]. V. IA. Volkov. Trudy po prikl. bot., gen. i sel. 34 no. 2: 154-155 '61

TOMATOES—DISEASE AND PEST RESISTANCE

Judging tomato varieties for their resistance to streak [with summary in English]. S. V. Aleksandrov, G. V. Boos. Trudy po prikl. bot., gen. i sel. 34 no. 2: 115-120 '61.

TOMATOES—DISEASES AND PESTS

(see also subdivision under Daghestan, Zakataly District)

Wintering of the potato and tomato late blight. N. F. IUrova. Zashch. rast. ot vred. i bol. 5 no. 2: 29-31 F '60

TOMATOES—VARIETIES

(see also subdivision under Volga-Akhtuba Flood Plain)

Variation of seed production in different tomato varieties [with summary in English]. G. V. Boos. Trudy po prikl. bot., gen. i sel. 34 no. 2: 75-80 '61.

TOMSK PROVINCE—BIRCH

Krylov, G. V. [Birch forests in Tomsk Province and their types] Berezovye lesa Tomskoi oblasti i ikh tipy. Pod red. S. I. Gluzdakova. Novosibirsk, Akad. nauk SSSR, 1963. 121 p.
(ICMILC)

TONGUE—BLOOD SUPPLY

Distribution of capillaries in the tongue of newborn infants and the interrelations of capillaries with nerve fibers. M. T. Raiskaia. Uch. zap. Volg. gos. ped. inst. no. 13: 160-163 '61.

TONGUE—INNERVATION

Distribution of capillaries in the tongue of newborn infants and the interrelations of capillaries with nerve fibers. M. T. Raiskaia. Uch. zap. Volg. gos. ped. inst. no. 13: 160-163 '61.

TONSILS—DISEASES

Effect of factory conditions at the Margelan silk combine on the incidence of angina. T. Z. Khasanov. Med. zhur. Uzb. no. 3: 68-69 Mr '62.

TOOL AND DIE INDUSTRY see subdivision under Leningrad

TOOL STEEL

Investigating the durability of forging tools made of 5 KhGS steel. L. D. Demidov, V. M. Alekseev. Kuz.-shtam. proizv. 4 no. 10: 15-17 O '62

TOOLS

Simple device for dismantling the gearbox. V. Sergin. Avt. transp. 40 no. 12: 45 D '62.

TOOLS—WELDING

Averin, I. V., and N. N. Kabanov. [Friction welding in the manufacture of tools, from practices of the Sestroretsk Tool Manufacturing Plant named after Voskov] Svarka treniem v instrumental'nom proizvodstve, iz opyta Sestroretskogo instrumental'nogo zavoda imeni Voskova. Moskva, Mashgiz, 1962. 72 p.

TOPOGRAPHIC MAPS

Change in the interchart of topographic maps. N. M. Meshalov. Geod. i kart. no. 10: 37-41 O '62.

Means of determining some characteristics of features shown on a map. A. I. Radionenko. Geod. i kart. no. 11: 53-54 N '62.

TOPOGRAPHICAL DRAWING

A. M. Kremneva's textbook on "Cartographic drawing." Reviewed by A. S. Al'fonskii. Geod. i kart. no. 3: 69-71 Mr '62.

Representation of drumlins on topographic maps. IA. IA. Biksha. Geod. i kart. no. 11: 55-57 N '62.

Some suggestions on the technique of engraving topographic maps. K. K. Eliseeva. Geod. i kart. no. 10: 46-52 O '62.

TOPOGRAPHICAL SURVEYING

Directions for topographic identification in stereotopographic surveying at 1:10,000 and 1:25,000 scales and in revising topographic maps. Geod. i kart. no. 4: 71-73 Ap '62.

Integrated performance of field operations. T. A. Berezin. Geod. i kart. no. 10: 55-58 O '62.

Making pamphlets on large-scale topographic surveys. B. K. Gitis. Geod. i kart. no. 4: 48-49 Ap '62

Organization of topographic surveying operations for geological studies. N. I. Lebed'. Geod. i kart. no. 11: 43-49 N '62.

Organizing stereotopographic surveys to the scale of 1:25 000 in mountainous regions. M. D. Konshin, N. A. Sokolova. Geod. i kart. no. 3: 5-10 Mr '62

Organizing topographical surveying in the cities. N. N. Spasskii. Geod. i kart. no. 11: 49-51 N '62.

Using fluctuations in the water level in topographic surveying of a fluvial plain. M. A. Blumin, B. V. Murakhtanov. Geod. i kart. no. 10: 41-46 O '62.

TOPOLOGY

Classes of conjugate elements in topological groups [with summary in English]. V. I. Ushakov. Ukr. mat. zhur. 14 no. 4: 360-371 '62

Fundamental properties of certain general classes of topological mappings of plane regions with variable boundaries. (Author's summary of his doctor's thesis.) G. D. Suvorov. Usp. mat. nauk 17 no. 3: 221-226 My-Je '62.

Maximum amount of mutually nonintersecting homeomorphic figures which may be placed in a three-dimensional space. V. V. Grushin, V. P. Palamodov. Usp. mat. nauk 17 no. 3: 163-168 My-Je '62.

On a class of imbedding theorems with a weight. I. A. Kiprianov. Dokl. AN SSSR 147 no. 3: 540-543 N '62.

On the coincidence of various dimensionality definitions for factor spaces of locally bicompact groups. B. A. Pasynkov. Usp. mat. nauk 17 no. 5: 129-135 S-O '62.

A semigroup of almost all identical partial transformations. E. G. Shutov. Izv. vys. ucheb. zav. ; mat. no. 6: 155-161 '62.

TOPOLOGY—CONGRESSES

International Symposium on General Topology. P. S. Aleksandrov. Usp. mat. nauk 17 no. 3: 215-220 My-Je '62.

TOUCH

Analyzers and their condition in rural inhabitants. E. A. Khairushev. Zdrav. Kazakh. 22 no. 3: 44-46 '62.

Role of reverse afferentation in perceiving the duration of stimulus on a cutaneous analyser. T. M. Kozina. Dokl. APN 6 no. 4: 85-86 '62.

TOURISM

Prague-Warsaw-Leipzig. Mol. mira no. 5/6: 16 '62.

TOURISTS, AMERICAN see subdivision under Ukraine

TOURMALINE see subdivision under Dnieper Valley

TOWING

Masliakov, V. N. [Raft towing] Buksirovka plotov. Moskva, Izd-vo "Rechnoi transport," 1962. 185 p.

TOWING—TECHNOLOGICAL INNOVATIONS

Inventor-seaman is awarded a gold medal. Mor. flot 22 no. 12: 47 D '62.

TOXINS AND ANTITOXINS

Pathomorphological changes in rabbit organs under the action of botulism microbes and type A and E toxins [with summary in English]. E. A. Uspenskii. Vrach. delo no. 12: 95-101 D '62.

TOYS

House of toys. L. Gornostaeva. Doshk. vosp. 35 no. 12: 100-102 D '62.

TRACE ELEMENTS

Microelement content in Upper Cretaceous bentonites in the northeastern slope of the Lesser Caucasus. Kh. A. Alizade. Izv. AN Azerb. SSR, Ser. geol.-geog. nauk i nefti no. 3: 83-90 '62.

Studying the distribution of trace elements in the oils of Dagheston. D. I. Zul'fugarly, N. S. Umakhanova. Trudy Geol. inst. Dag. fil. AN SSSR 2: 126-136 '60

Synthesis of vitamins by some rhizosphere microorganisms and the effect on it of trace elements. Reg. 1 No. 1 [with summary in English]. O. I. Berelovskaia, I. A. Kozlova. Mikrobiol. zhur. 24 no. 2: 30-34 '62

"Trace elements in the U. S. S. R.," nos. 1-3, 1961. Reviewed by V. A. Kapitanchuk. Visnyk akad. nauk 5 no. 11: 122-124 N '62.

TRACE ELEMENTS IN THE BODY

Trace elements in parturients' milk under the climatic and geographical conditions of the dry subtropics. B. L. Gurtovoi. Zdrav. Tadzh. 9 no. 5: 58-60 '62.

TRACHEA—INNERVATION

Structure and distribution of the nervous apparatus in the human trachea and bronchi. R. A. Askerov. Izv. Akad. Azerb. SSR, Ser. biol. i med. nauk no. 6: 109-114 '62

TRACK ATHLETICS see subdivision under Belgrade

TRACKLAYING VEHICLES

Use of cross-country, amphibious vehicles in topographic surveying operations. A. I. Zholudkov. Geod. i kart. no. 11: 40-41 N '62.

TRACTOR INDUSTRY see subdivision under Minsk

TRACTOR TRAINS

Tractor trains for bitumen transportation. [illegible] A. Khorin. Avt. transp. 40 no. 11: 41-42 N '62.

TRACTORS

Automation of the work processes of agricultural machinery and tractor devices. V. A. Fedorov. Trakt. i sel'khozmash. 32 no. 9: 22-23 S '62

Check of the alignment of the crankshaft and transmission system shaft of an engine. N. Rosliakov. Tekh. v sel'khoz. 22 no. 10: 60-62 O '62.

Calculation of the traction characteristics of modern wheel-type tractors. P. IA. Pritsker. Trakt. i sel'khozmash. 32 no. 9: 11-14 S '62.

Concerning some means for raising the level of design and research work in the tractor industry. V. IA. Anilovich, A. D. Levitanus. Trakt. i sel'khozmash. 31 [i. e. 32] no. 11: 8-11 N '62

Concerning the use of a free-running clutch between the gear shafts of the 4x4 tractor. IU. I. IAnushevich, A. M. Komissarchuk. Trakt. i sel'khozmash. 31 [i. e. 32] no. 11: 6-8 N '62

Concerning wheel-type all-purpose plowing tractors. I. F. Trepenn. Trakt. i sel'khozmash. 32 no. 9: 5-8 S '62

Gradual change-over to the manufacture of the new DT-75 tractors. M. S. Sidel'nikov. Trakt. i sel'khozmash. 32 no. 9: 36-38 S '62.

Increase in the life of tractor parts. F. Stradymov. Tekh. v sel'khoz. 22 no. 10: 51-53 O '62

Increase in the traction indices of a wheel-type tractor operating with a mounted plow. P. M. Gil'shteto, [illegible] Starodinskii. Trakt. i sel'khozmash. 32 no. 11: 13-15 '62.

Mil'ko-Chernomorets, N. A. [Investigating the performance of tractor-drawn transportation units] Issledovanie raboty traktornogo transportnogo agregata. Minsk, Sel'khozgiz BSSR, 1962. 38 p.

New mechanisms of the DT-75 tractor. V. Gorodetskii. Tekh. v sel'khoz. 22 no. 10: 43-47 O '62.

New tractors manufactured by the Vladimir Tractor Plant. B. Alisanov. Tekh. v sel'khoz. 22 no. 10: 47-50 O '62.

Plow design as a factor in automatic tractor guidance. A. I. IAstrebov. Trakt. i sel'khozmash. 32 no. 9: 31-33 S '62.

Tractors exhibited at the Italian Industrial Exhibition in Moscow. G. G. Kolobov, M. K. Kopylov. Trakt. i sel'khozmash. 32 no. 9: 45-47 S '62

Use of the driving gears of the final drive of the T-100 tractor. IA. Khurgin. Tekh. v sel'khoz. 22 no. 10: 63-64 O '62.

What agriculture expects from the tractor manufacturing workers. A. Podrigalo, S. Libinis. Tekh. v sel'khoz. 22 no. 10: 47-49 O '62.

TRACTORS—CONGRESSES

Conference on unification, standardization, and groupings in the manufacture of tractors and agricultural machinery. Trakt. i sel'khozmash. 32 no. 9: 48 S '62

TRACTORS—ENGINES

An accelerated method for testing reactive oil centrifuges. D. I. Livshits. Trakt. i sel'khozmash. 31 [i. e. 32] no. 11: 13-14 N '62

A new mechanism for controlling the decompression of an engine. G. M. Shevtsov. Trakt. i sel'khozmash. 31 [i. e. 32] no. 11: 44 N '62.

TRACTORS—EQUIPMENT AND SUPPLIES

Device for rebuilding needle jets. V. Fron Tekh. v sel'khoz. 22 no. 10:77 O '62.

TRACTORS—EQUIPMENT AND SUPPLIES—CATALOGS

Vladimirskii traktornyi zavod, Vladimir. [Catalog of parts of the "Vladimirets" T28, T28M2, T28P2, T28Kh, and T28Kh3 universal row crop tractors] Katalog detalei universal'nykh propashnykh traktorov "Vladimirets" T28, T28M2, T28P2, T28Kh. Moskva, Mashgiz, 1962. 307 p.

TRACTORS—FUEL SYSTEMS

Alliluev, V. A. [Single-plunger fuel pumps for tractor engines] Odnoplunzhernye toplivnye nasosy traktornykh dvigatelei Ufa, Bashkirskoe knizhnoe izd-vo, 1962. 36 p

[MICROFILM]

Fuel lines from plastic materials. N. Kats. Sel'. mekh no. 10 41 '62.

Preliminary fuel filters for tractor diesel engines. A. M. Pimenov, N. A Mikhailov Trakt. i sel'khozmash 32 no 9:20-22 S '62

TRACTORS—HYDRAULIC EQUIPMENT

Hydraulic system of loaders. B. A. Piller. Trakt. i sel'khozmash. 31 [i e 32] no. 11:31-33 N '62

Using the hydraulic equipment of tractors. T. Zhotkevich. Sel'. mekh no. 10,31-32 '62.

TRACTORS—MAINTENANCE AND REPAIR

(see also subdivision under Moscow Province)

Remover of the final drive carrier. I. Lebedev. Sel'. mekh. no. 10 27 '62.

Repairing the frame of the DT-54 tractor. L. Khodev. Sel' mekh. no. 10:35 '62.

Seminxle remover. N. Byzov. Sel' mekh no. 10 30 '62.

TRACTORS—OIL FILTERS

A signaling attachment to oil filters V. Nasonov, L. Kievskii. Tekh. v sel'khoz 22 no 10:80-81 O '62.

TRACTORS—MAINTENANCE AND REPAIR

Repair of ball-joint axles. M. Paulis. Tekh. v sel'khoz. 22 no. 10:81-82 O '62.

TRACTORS—TESTING

Use of a. c. machines with electric power regeneration in testing tractor engines. S. E. Grodskii, A. M. Leliuk, I. A. Olelnik. Prom energ. 17 no 11 11 N '62.

TRACTORS—TRAILERS

A semitrailer with power takeoff from a tractor. M. K. Kopylov. Trakt. i sel'khozmash 31 [i. e. 32] no 11' 47-48 N '62.

TRACTORS—TRANSMISSION DEVICES

Present state and future development of hydraulic tractor transmission systems. A. A. Kreisler, A. I. Pluzhnikov Trakt. i sel'khozmash. 31 [i e 32] no 11:3-5 N '62.

Prolonging the length of service of the transmission. L. Bulankov. Sel' mekh. no. 10,35-36 '62.

TRADE UNIONS

(see also subdivision under Australia; Bulgaria; Germany, West; Ivanovo Province; Karaganda; Latin America, Moscow Province, Nigeria; Rhodesia, Southern; Saratov Province, Vietnam, North)

Bulgakov, A. A. [Improve the style of trade-union work] Sovershenstvovat' stil' profsoiuznoi raboty. [Moskva] Profizdat, 1962. 69 p. (Bibliotechka profsoiuznogo aktivista, no. 22(46))

[Documents of proletarian solidarity; collected documents on the cooperation of Soviet Union workers with the workers of Asia, Africa and Latin America in 1918-1961] Dokumenty proletarskoi solidarnosti, sbornik dokumentov o sodruzhestve trudiashchikhsia Sovetskogo Soiuza s trudiashchimisia stran Azii, Afriki i Latinskoi Ameriki v 1918-1961 godakh. [Moskva] Profizdat, 1962. 207 p

Fifth Winter Spartakiad of Trade Unions. Teor. i prak. fiz. kul't. 25 no. 10:72-73 O '62.

High calling, Nikolai Vnuk, Sov. profsoiuzy 18 no. 22: 11-12 N '62.

If obstacles are removed, V. Kopytov, V. Molchanov, Sov. profsoiuzy 18 no. 23:5-7 D '62.

Improve the leadership in communist labor competition. Shvein. prom. no. 6:39 N-D '62.

In the Presidium of the Central Committee of the Trade Union of Prospecting Workers. I. I. Kirlukhin. Razved. i okh. nedr. 28 no. 11:55-58 N '62.

In various continents, IU. Kornilov. Sov. profsoiuzy 18 no. 22:31-33 N '62.

International Trade Union Congress, Moscow, 1961. [Modern problems of the international labor and trade-union movements] Sovremennye problemy mezhdunarodnogo rabochego i profsoiuznogo dvizhenila; materialy. [Moskva] Profizdat, 1962. 253 p.

Lenin, V. I. [On trade-unions, 1895-1923] O profsoiuzakh, 1895-1923. [Moskva] Izd-vo VTsSPS Profizdat, 1957. 848 p.

(NIC)

Meetings with readers. Sov. profsoiuzy 18 no. 22:45 N '62.

Norms, wage schedules and the central committee of the trade union IA. Karpov. Sov. profsoiuzy 18 no 23: 13-15 D '62.

On the fifth anniversary of the December 1957 Plenum of the Central Committee of the CPSU Sov. profsoiuzy 18 no. 23:3-4 D '62.

Volin, S. [Work of Menshevika among trade unions under the Soviet regime] Deiatel'nost' men'shevikov v profsoiuzakh pri sovetskoi vlasti. New York, 1962. 123 p. (Inter-University Project on the History of the Menshevik Movement. Paper no. 18)

(MH)

Trade unions are a school of education. Nauka i rel. 4 no. 12 3-5 D '62.

Your good name, A. Ulesov. Sov. profsoiuzy 18 no. 22 2-3 N '62.

TRADE UNIONS—AUDITING AND INSPECTION

Pennies like to be counted, IA. Kuvshinov. Sov. profsoiuzy 18 no. 23:28-29 D '62

TRADE UNIONS—BIBLIOGRAPHY see Bibliography—Trade unions

TRADE UNIONS—CONGRESSES

By every means develop the labor activity of the masses. Zhil.-kom. khoz 12 no 6:1-2 Je '62

Materials from the Third Congress of Trade Unions. Zhil.-kom khoz 12 no 6:3-5 Je '62.

TRADE UNIONS—OFFICERS

(see also subdivision under China, Kherson Province; Kirov Province, Leningrad, Moldavia, Moscow Province)

Answers to questions. Sov. profsoiuzy 18 no. 22:17-18 N '62.

Jack of all trades... G. Samokhvalov. Sov. profsoiuzy 18 no. 23:24-25 D '62.

New forces will arrive. P. Barmasov. Sov. profsoiuzy 18 no. 23:15-17 D '62.

TRAFFIC ACCIDENTS

(see also subdivision under Moscow)

Readers' letters. Za bezop. dvizh. 5 no. 10:12 O '62.

To what does carelessness lead. A. Belan. Sel' mekh no. 10:34 '62.

TRAFFIC ENGINEERING see subdivision under Moscow

TRAFFIC REGULATIONS

(see also subdivision under Moscow)

Answers. Za bezop. dvizh. 5 no. 11:16 N '62.

[Traffic regulations for streets and roads of the U. S. S. R.] Pravila dvizhenila po ulitsam i dorogam Soiuza SSR. Baku, Azerbaidzhanskoe gos. izd-vo, 1962. 110 p.

TRAFFIC SAFETY

(see also subdivision under Leningrad Province; Moscow)

Freight and wires. B. Chesalov. Za bezop. dvizh. 5 no, 10:10 O '62.

Methods of public influence upon violators of discipline. V. Gorovoi. Avt. transp. 40 no, 11:44-45 N '62.

Moscow. Nauchno-issledovatel'skii institut avtomobil'nogo transporta. [Manual on traffic safety] Rukovodstvo po obespechenilu bezopasnosti dvizhenlia. Moskva, Avtotransizdat, 1962. 107 p.

Poltev, K. M., and M. K. Poltev. [News of foreign traffic safety engineering] Novosti zarubezhnoi tekhniki po bezopasnosti dvizhenlia avtotransporta, Moskva, Avtotransizdat, 1962. 95 p.

On the highways of our country. Za bezop. dvizh. 5 no. 10:14 O '62.

Watch over public order. V. Pridorogin. Za bezop. dvizh. 5 no. 11:1-2 N '62.

TRAFFIC SAFETY—STUDY AND TEACHING see subdivision under Moscow

TRAFFIC SIGNS AND SIGNALS

Conscientious errors. Za bezop. dvizh. 5 no. 11:14-15 N '62.

Various significance of signs. V. Sapel'nikov. Za bezop. dvizh. 5 no. 11 12-14 N '62.

TRAFFIC VIOLATIONS

Perpetrators of the criminal offenses violating articles 211-213 of the criminal code of the R. S. F. S. R. L. Gromov Sov. iust no 23 9 D '62.

TRAGIC, THE

"On the tragic" by IUrii Borev. Reviewed by M. Parkhomenko. Teatr 23 no. 11:135-137 N '62.

TRAJECTORIES—GRAPHIC METHODS

Graphic method for plotting trajectories. I. M. Belen'kii. Izv. AN SSSR. Otd. tekh. nauk. Mekh. i mashinostr. no. 6:131-133 N-D '62.

TRANSAMINASES

Transaminase activity in myocardial infarcts [with summary in English]. V. K. Romanovskaia, E. A. Khvatova, Vrach. delo no. 12:12-15 D '62.

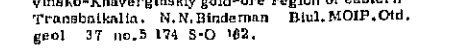
TRANSBAIKALIA—GEOLOGICAL TIME

Age relationship between the lead-zinc mineralization and quartz diorites in the Savinskoye No. 5 deposit of eastern Transbaikalia. V. V. Arkhangel'skaya Geol. rud. mestorozh. no 5:69-76 S-O '62

TRANSBAIKALIA—GOLD ORES

Sequence in the formation of Upper Cretaceous igneous rocks and hydrothermal mineralization in the Lyubavinsko-Khaverginskiy gold-ore region of eastern Transbaikalia. N. N. Binderman Biul. MOIP. Otd. geol 37 no. 5 174 S-O '62.

TRANSBAIKALIA—HEALTH RESORTS, WATERING-PLACES, ETC.



Transbaikalia] Lechenie na kurortakh Zabaikal'ia, sbornik nauchno-prakticheskikh rabot. Pod obshchei red. I. D. Boenko. Chita, TSentr. kurortnoe upr. Profsoluzov,

No. 2. 1960. 162 p.

(DNLM)

[MICROFILM]

TRANSBAIKALIA—HISTORY

Krushanov, A. I. [The struggle for the Soviet regime in the Far East and the Transbaikalia; outline history of the development of party and government from March 1917 to March 1918] Bor'ba za vlast' Sovetov na Dal'nem Vostoke i v Zabaikal'e; ocherki po istorii partiinogo i gosudarstvennogo stroitel'stva, mart 1917-mart 1918 g. Vladivostok, Akad. nauk SSSR, Sibirskoe otd-nie, 1961. 145 p.

(Mit)

TRANSBAIKALIA—ORE DEPOSITS

Age relationship between the lead-zinc mineralization and quartz diorites in the Savinskoye No 5 deposit of eastern Transbaikalia V. V. Arkhangel'skaya Geol rud. mestorozh no. 5 69-76 S-O '62

Metallogeny of eastern Transbaikalia F. A. Shutliv. Zakonom. razm. polezn. iskop. 5 259-266 '62.

Some zones of ore deposition in eastern Transbaikalia and the basic stages of their development. V. V. Arkhangel'skaia, O. P. Poliakova. Zakonom. razm. polezn. iskop. 5:251-258 '62.

Types of the hypogene mineralization in the region of the Shilka-Argar and Novoberezovsk Depressions (eastern Transbaikalia) N N Binderman Geol. rud mestorozh no 5 45-55 S-O '62

TRANSBAIKALIA—PINE

Reforestation in the pine forests of Transbaikalia. A V. Pobedinskii Les. khoz 15 no 7:19-22 Jl '62

TRANSBAIKALIA—REFORESTATION

Reforestation in the pine forests of Transbaikalia. A V Pobedinskii Les khoz 15 no 7:19-22 Jl '62

TRANSBAIKALIA—ROCKS, IGNEOUS

Division of intrusive rocks as revealed by the studies in the Udn-Khilok interfluve of western Transbaikalia. R. IA. Bielievtsev. Geol. zhur. 22 no. 5:75-80 '62.

Sequence in the formation of Upper Cretaceous igneous rocks and hydrothermal mineralization in the Lyubavinsko-Khaverginskiy gold-ore region of eastern Transbaikalia. N. N. Binderman. Biul. MOIP. Otd. geol. 37 no. 5:174 S-O '62.

TRANSCARPATHIA—GEOLOGY, STRATIGRAPHIC

Miocene stratigraphic scale of Transcarpathia. O. S. Vialov and others. Biul. MOIP. Otd. geol. 37 no. 5: 69-79 S-O '62.

TRANSCARPATHIA—POTATO BEETLE

Diapause in the Colorado beetle and the formation of its perennial focuses. R. S. Ushatinskaia Zasheh. rast. ot vred. i bol 7 no 8:53-54 Je '62.

TRANSCARPATHIA—RELIGION

Let me tell you this, religious people. I. Illieba. Voiov. ateist no. 11:22-23 N '62.

TRANSCARPATHIA—RURAL LIBRARIES

Words are the key to the heart. M. Rvardionov. Ukraina no. 20:26 O '62.

TRANSCARPATHIA—UKRAINIAN LITERATURE—HISTORY AND CRITICISM

Baloha, IUrii. [Literature of Transcarpathia during the 1920's and 1930's] Literatura Zakarpatila dvadtsiatykh-trydtsiatykh rokiv XX stolittia. Kyiv, Radians'kyi pys'mennykh, 1962. 244 p.

TRANSCARPATHIA—VITICULTURE

Distribution of grape production in Transcarpathia. M. I. Babych Visnyk sil'hosp. nauky 5 no 11:14-16 N '62.

TRANSCAUCASIA—INVENTIONS

The movement of inventors and efficiency experts in the Transcaucasian Soviet Federal Socialist Republic during the first five-year plan. V. Konovalov. Trudy Tbil GU 87:23-41 '60.

TRANSCAUCASIA—POLITICS

The Transcaucasian Republics in the fraternal family of the peoples of the Soviet Union. A. Z. Beglian. Sov. gos. i pravo 32 no. 12:89-95 D '62.

TRANSCAUCASIA—WATER SUPPLY

Prospects for water supply in the territory of the Transcaucasian Railroad and its large industrial centers. I. E. Kheladze. Trudy GPI [Gruz.] no. 5:117-122 '61.

TRANSCENDENTAL FUNCTIONS see Functions, Transcendental

TRANSCENDENTAL NUMBERS see Numbers, Transcendental

TRANSDUCERS
Calculating the movable system of the sensitive element of the feeling device of a transducer. M.A Bel'for Izv. vys. ucheb. zav., prib. 5 no. 6 118-122 '62.
Dynamic correction of simple transducers. M.V. Pybashov. Izm.tekh. no.12 23-27 D '62.

TRANSIENTS (DYNAMICS)
Dynamics of an ingot buggy with rope drive. S.N.Kozhevnikov, V.F.Peshat. Trudy Inst.chern met AN URSR 18 26-36 '62.

TRANSIENTS (ELECTRICITY)
Analytical solution to the equation of transients in the circuit linear resistor - thermistor [with summary in English] I.F Volotshin Inzh - fiz zhur. 5 no 10 93-96 O '62
Discharge voltages of air and line insulation subject to the action of switching surges with simplest form. IU.M.Gutman, N.I.Stepina, A.A Filippov Izv NIIPT no.9:251-273 '62
Experimental investigation of transient processes in the motor of a continuous rolling mill. S.D Grinberg and others. Trudy Inst.chern.met. AN URSR 16 138-142 '62.

TRANS-ILI ALA-TAU—FUNGI IMPERFECTI
New species of imperfect fungi found in the Trans-Ili Ala-Tau. B.Kalymbetov. Trudy Inst.bot.AN Kazakh. SSR 13 274-284 '62.

TRANSISTOR AMPLIFIERS
Contribution to the theory of a RC amplifier using tunnel diodes. IU.L Simonov Radiotekhnika 17 no.12. 52-59 D '62.
Rizkin, A.A. [Transistor amplifiers] Poluprovodnikovye usilitel. Izd.2., perer. i dop. Moskva, Sviaz'izdat, 1962. 135 p. [MICROFILM]
A transistor amplifier. V.Chasovskii. Radio no.11: 46 N '62.

TRANSISTOR OSCILLATORS see Oscillators, Transistor

TRANSISTOR RADIOS
A superheterodyne using five transistors. M.Vital'ev. Radio no.11 40-44 N '62.

TRANSISTORS
Characteristics and applications of p-n-p-n devices. N.M.Ashimov. Radiotekhnika 17 no.12:69-77 D '62.
Commutator on semiconductor devices. V.I.Kozlov. Trudy TSAO no.42 136-148 '62
Effect of the temperature gradient in the body of a thermistor data unit on the instrumental error in semiconductor devices [with summary in English] A.V. Bulyga, T.N.Abramenko. Inzh.-fiz.zhur. 5 no.6 48-54 Je '62
Electrode asymmetry effect and its use in transistor technology. I.K.Konchits. Elektrichestvo no.10: 84-85 O '62.
Parameters of switching transistors. V.IU.Konchalovskii and others. Izm.tekh. no.12:41-43 D '62.
Pavlov, V.V. [Semiconductor measuring and controlling devices for nuclear power engineering] Poluprovodnikovye izmeritel'nye i upravliaiushchie ustroistva dlia iadernoi energetiki. Moskva, Gosatomizdat, 1962. 200 p.
Smokhvalov, M.M. [Germanium alloy diffusion transistors] Germanievye splavnye diffuzionnye triody. Moskva, Gosenergoizdat, 1962. 143 p.
Soveshchanie po poverkhnostnym svoistvam poluprovodnikov, Moscow, 1961. [Surface characteristics of semiconductors] Poverkhnostnye svoistva poluprovodnikov. Moskva, Izd-vo Akad. nauk SSSR, 1962. 231 p.

TRANSKEI—POLITICS AND GOVERNMENT
A relapse into colonialism. O.TSvetaev. Nov.vrem. 20 no 50 7-8 D '62.

TRANSPLANTATION OF ORGANS, TISSUES, ETC.
"Transplantations and replacements of tissues and organs" by A.N.Filatov and others. Reviewed by G.P.Zaitsev. Vest.AMN SSSR 17 no.8 91-92 '62.

TRANSPORT PLANES
First passengers have boarded the "AN-24." Ukraina no.24:24 D '62.

TRANSPORTATION
(see also subdivision under Arctic regions; Kazakhstan, Leningrad, Moscow)
Achievements of transportation construction workers in celebration of the 45th anniversary of the Great October Revolution. Transp.stroi. 12 no.11:4 N '62.
Planning cargo transportation in mixed water-automotive communications. A.Palkin. Rech.transp. 21 no.12:9-11 D '62.
This generation of Soviet people will live under communism. Transp.stroi. 12 no.11:1-3 N '62.

TRANSPORTATION—BUILDINGS AND STRUCTURES
Creative trends in the architecture of new transportation buildings and structures. E.Vasil'ev. Arkhit. SSSR no.11:1-13 '62.

TRANSPORTATION—ELECTRIC EQUIPMENT
Second All-Union Conference on Supplying Electric Power of the Means of Transportation [in Latvian] J.Sinka. Izv.AN Latv SSR no.3:147-149 '61

TRANSPORTATION, AUTOMOTIVE
(see also subdivision under Crimea; Hungary, Leningrad, Leningrad Province, Ukraine)
Care of people is the main objective. Avt.transp. 40 no.12:49 D '62.
European agreement on international haulage of dangerous freight. V.Buianov Avt.transp. 40 no.12 50-51 D '62.
Haulage of a heavy transformer on a mountain road. A.Pozdev. Avt.transp. 40 no.12 47 D '62.
New trends in the organization of commercial freight haulage. L.Zadvornyi. Avt.transp. 40 no.12:10-11 D '62.
Plan should be based on actual freight. N.Neviditsyn. Avt.transp. 40 no.12 26-27 D '62.
Planning should be closer to life. A.Ul'ianov. Avt. transp. 40 no.12 25 D '62
Readers' letters. Avt.transp. 40 no.11:49 N '62.
Shortcomings of regulations. IU.Razumov. Avt. transp. 40 no.12 42 D '62.
Transportation units haul agricultural freight. I.Chepurkin. Avt.transp 40 no.11 12-13 N '62.
Under the banner of the great October. Avt.transp. 40 no.11:1-2 N '62.
Why motor vehicles operating on an hourly basis are badly utilized. M.Knusk. Avt.transp. 40 no.12, 27-28 D '62.

TRANSPORTATION, AUTOMOTIVE—ACCOUNTING
How should we evaluate the work of motor vehicles operating on an hourly basis? N.Davydov. Avt.transp. 40 no.12 28 D '62.
Machine accounting for the work of motor vehicles. V.Rogova. Avt.transp. 40 no.11:33 N '62.
Transfer coefficients. A.Kofman. Avt.transp. 40 no.11 34-35 N '62.

TRANSPORTATION, AUTOMOTIVE—BIBLIOGRAPHY see Bibliography—Transportation, Automotive

TRANSPORTATION, AUTOMOTIVE—COST OF OPERATION see subdivision under Uzbekistan

TRANSPORTATION, AUTOMOTIVE—FREIGHT
From our readers' letters. Den.i kred. 20 no 10: 69-76 O '62.

TRANSPORTATION, AUTOMOTIVE—RATES
Hour or contract rates? E.Ivanova. Avt.transp. 40 no.11:35 N '62.
Russia (1917- R.S.F.S.R.) Ministerstvo avtomobil'nogo transporta i shosseinykh dorog. [Handbook of unified rates for automotive transportation of freight] Spravochnik edinykh tarifov na perevozku gruzov avtomobil'nym transportom, edinye tarify, poiasnye popravochnye koeffitsienty k edinym tarifam, pravila primenenila edinykh tarifov, nomenklatura i klassifikatsiia gruzov, vremennye tarify na ekspeditsionnye operatsii i drugie uslugi, pravila primeneniia vremennykh tarifov na ekspeditsionnye operatsii i drugie uslugi. Izd 2, Moskva, Avtotransizdat, 1962. 46 p.
Using unified tariffs for freight haulage. Avt.transp. 40 no.11:36-37 N '62.

TRAUMATISM
Nomenclature and classification of diseases, injuries and causes of death. A.M.Merkov, E.A.Sadvokasova. Vest.AMN SSSR 17 no.8:68-74 '62.

TRAVEL COSTS
Replies to our readers. Sov.profsoiuzy 18 no.22:40 N '62.

TRAVERSES (SURVEYING)
Adjustment in traversing with equality of the secondary corrections in the angles. N.N Lebedev. Geod.i kart. no.4 19-26 Ap '62.
Litvinov, B.A. [Basic problems in constructing and adjusting traverse nets] Osnovnye voprosy postroeniia i uravnivaniia poligonometricheskikh setei. Moskva, Geodezizdat, 1962. 227 p.
Measurement of lines using a constant small base. N.G. Romanov. Geod.i kart. no.10:15-21 O '62.

TRAWLS AND TRAWLING—TECHNOLOGICAL INNOVATIONS
Innovators in the fishing fleet. Mor.flot 22 no. 11:30 N '62.

TREE PLANTING
Investigating the working parts of tree-planting machines for the formation of a planting slit on cutovers with uncleared stumps. S.K. Masiuk. Shor.nauch.trud BLTI no.11:110-121 '58.
Tree-planting machine for large seedlings Les.khoz 15 no 10.68 O '62.

TREE PLANTING—EQUIPMENT AND SUPPLIES
The MLTI forest seeder. G.P.Il'in. Trakt.i sel'khozmash. 32 no.9:35 S '62.

TREES—DISEASES AND PESTS
Zhuravlev, I.I. [Diagnosis of forest diseases] Diagnostika bolezney lesa. Moskva, Sel'khozizdat, 1962. 192 p. (DNAL)

TREMATODA
(see also subdivision under Amur River, Volga Valley)
Discovery of the trematode Aetiotrema monticelli Stasich, 1904 (Plagiorchiidae) in the U.S.S.R. T.N.Tikhaeva. Trudy Gel'm. lab. 11:299-302 '61.

TREMITI ISLANDS—FISHERIES
Where the levanizzo blows. Antonio Mallardi. Vokrug sveta no.10:42-46 O '62.

TRIALS (ESPIONAGE)
One of the best lawyers. K.Aleksandrovskii. Sov.Lit no.6:26-27 Ap '62.

TRIANGULATION
Adjusting triangulation nets from photographs constructed on the SPR-2 stereoprojector. V.V.Volkov Geod.i kart. no.4:43-48 Ap '62.
Adjustment of linear nets by successive approximation V.N Simonovich Geod i kart. no 3:11-15 Mr '62
Angular measurement in triangulation with long sides P.M Ides, S.I.Ulov. Geod i kart. no. 1:16-19 Ap '62

TRIANGULATION SIGNAL TOWERS
Erection of trihedral wooden signals assembled on the ground P.U.Glukhov Geod.i kart. no 4:34 35 Ap '62
Nomograms for calculating basic loads in erecting triangulation signal towers. N.A.Kutaeriib Geod i kart no.11:33-36 N '62.

TRIAZINE
Effectiveness of injecting simazine powders in soils F.K. Vorob'ev, V.N Kolberg. Zashch. rast. ot vred i bol. 7 no 4:25-26 Ap '62.
Method for determining "residual" amounts of simazine in corn seed [with summary in English]. G.F.Vasilina, IU.I.Shillinger, B.V.Mikhal'chuk. Vop.pit. 21 no.4:60-63 Jl-Ag '62.

TRIAZOLE—TOXICOLOGY
Blastomogenic action of 3-amino-1, 2, 4-triazole N.P. Napalkov Gig.truda i prof zab 6 no 8 44 48 Je '62.

TRICHINA AND TRICHINOSIS—HOST ANIMALS see subdivision under Soviet Far East

TRICHOCEPHALUS
Radiosensitivity of the eggs of whipworms irradiated during the invasion stage of the larvae. N.P.Shtel'makhova, L.S. Paruzhinskaia. Trudy Gel'm. lab 11: 332-336 '61.

TRICHOGRAMMA
(see also subdivision under White Russia)
Application of Trichogramma against the codling moth in White Russia. T.T Bezdenko Zashch rast.ot vred i bol 5 no.2:16-17 F '60.
Biological method for controlling the horet Pyrausta nubilalis in hemp. P.P.Tkalich. Zashch.rast.ot vred.i bol. 6 no.8:24-25 Ag '61.

TRICHOSTRONGYLUS
Observations on the development of larvae of Trichostrongylus skrjabini Kalantarjan, 1928 in the ambient medium. A.Kh.Altaev. Trudy Gel'm.lab. 11:9-11 '61.
Specific independence of Trichostrongylus skrjabini Kalantarjan, 1928, and Ostertagia davtiani Grigorian, 1951. A Kh. Altaev. Trudy Gel'm. lab. 11:3-9 '61.

TRILOBITES
(see also subdivision under Altai Mountains; Kara-Tau)
Cambrian trilobites of the family Oryctocephalidae N.P Chernysheva. Trudy NIIGA 127 '62.

TRIPOLI (MINERAL)
Moscow. Vsesoiuznyi nauchno-issledovatel'skii institut mineral'nogo syr'ia. [Industry's requirement as to the quality of mineral raw materials] Trebovaniia promyshlennosti k kachestvu mineral'nogo syr'ia; spravochnik dlia geologov. Moskva, Gosgeoltekhizdat, No. 21. Grigorovich, M.B., and S.P. Kamenetskii. [Diatomite, tripoli, opoka] Diatomit, trepel, opoka. Izd.2., perer. 1962. 34 p.

TRITICUM-AGROPYRON HYBRIDS
Protein complex of the M2 Triticum-Agropyron hybrid and its parent forms [with summary in English]. N.A Tiunova. Trudy VNIIZ no.36 153-162 '60.

TRITONS (TRITIUM IONS)
Study of the reaction C^{12} (t, p)C^{14} [with summary in English]. B.Kiun, V.I.Salatskii, I.V.Sizov. Zhur. eksp.i teor.fiz. 43 no.5:1660-1661 N '62.

TROLLEY BUSES see subdivision under Crimea

TROUT—DISEASES AND PESTS
Importance of nutrition in the development of ceroid degeneration of the liver in the rainbow trout. K.A. Faktorovich. Trudy sov.ikht.kom. no.14:215-219 '62.

trailer. ... V. P. Lakhno, Izv. vys. ... no. 5:69-75 '61.
...nufacture of truck trailers. M. Sh. ... Avar. proizv. no. 11:26-28 ...

...tal for tractor traction. A. Lala... ...ekh. no. 10:25-26 '62.

KONSTANTINOVICH, 1900-1962
...vich Trunov; obituary. Elek. sta. ... 62.

...t unit for the manufacture of pre... ...tressed using a multistage method. ...ment. i konstr. 4 no. 6.58 N-D '62.

...d keramzit-concrete truss. R. P. ...tol. 40 no. 12.53-55 '62

...VI. See subdivision under United

...ophan in the proteins of milled wheat ...mary in English]. I. F. Kriuk. ...8:231-231 '60.

...nature and of the duration of sterili... ...ophan content in beef. A. A. Sokolov, Vop. pit. 21 no. 4 82-84 Jl-Ag

...H ARTUROVICH, 1887-1933
...ia Tsiander. K Belyi Nauka i ...10-21 O '62.
...Oleinov. L. Abramov. Znan -sila ...

...olet construction, 75th anniversary ...Tsiander. A. B. Kaplun. Priroda ... '62.

...NE TREE
...haracteristica of plane-tree wood ...at. T. A. Kharshudian. Izv. AN Arm. ... no. 11:31-38 N '62.

...no Virgin Territory

...INCE—THISTLE
...ixture of 2, 4-D esters in controlling ...thistle. N. A. Sosnin. Zashch. rast. ...no. 4:32-34 Ap '62.

...RII REMNOVICH, 1842-1900
...Georgian problems of world history ...ditions [in Georgian with summary ...nglish]. Trudy Tbil. GU 87:117-150

...II FEDOROVICH, d. 1962
...Zdrav. Kazakh. 22 no. 3:77-78 '62.

VOIR—FISHERIES
...unk Reservoir. L. M. Konstantinovich. Inst. ryb. prom. i khoz. 12.90-109

...I., MIKHAIL DOROFEEVICH,

...Tsiandzgvrishvili; on the 80th birth. Klin. med. 40 no. 10:157-

...STANTIN EDUARDOVICH, 1857-

...Tsiander. K. Belyi. Nauka i ...0-31 O '62.

...ads through Kaluga. M. Arlazorov. ...9:12-15 S '62.
...a. Volov. ateist no. 9:15 S '62.

NEW
...haltubo thermal waters and the ...ion enrichment] TSkhaltubskie ...ely'ia obogashchenii'a ikh radonom. ...'Tskhetoia Sakartvello," 1962.

[MICROFILM]

...TURES AND MEADOWS
...land meadows. K. M. Men'kin. ...7:40-41 Jl '62.

...NA ALEKSANDROVNA
...ten by I. S. Turgenev. V. Akhra... ...ser. 10:172-175 O '62.

...intrahematic barriers in experimen... ...the simultaneous administration of ...rculin and tuberculin. A. M. Soskin. ...-62 '62.

...ING
...agnostic value of tuberculin tests in ...ildren of children. L. F. Portnova. ...ravda 6:8-12 '62.

TUBERCULOSIS
(see also subdivision under Uzbekistan)

Acetylation processes during the treatment of tuberculosis with antibacterial preparations and calcium pantothenate. L. B. Shefer Zdrav. Kazakh. 22 no. 3 25-30 '62

Early detection of tuberculosis among children and adolescents E. Z. Sorkina Zdrav Tadzh 9 no 5 3-8 '62.

Effect of some antiseptic substances on the absorption of inhaled antituberculat drugs [with summary in French]. N. M. Kulik. Probl. tub. no. 7:87-92 '62.

Errors in the diagnosis of tuberculosis and nontuberculous lung diseases [with summary in French]. E. L. Sokolina, I. I. Dantsig Probl. tub. no. 7 12-17 '62

Frequency of renal tuberculosis in pulmonary tuberculosis treated with antibacterial preparations [with summary in English]. V. N. Tkachuk Urologiia no 5:22-25 '62.

Indications and contraindications for pulmonary resection in some forms of pulmonary tuberculosis [with summary in English]. N. I. Markov Vest. khir. 88 no. 9 3-10 S '62.

Permeability of the histohematic barriers in experimental tuberculosis and the simultaneous administration of antibacterial preparations and tuberculin. A. M. Soskin. Probl. tub. no. 7 78-82 '62

Properdin indices in tuberculosis in infants. G. A. Mikheeva, A. A. Efimova. Probl tub. no. 7 92-96 '62.

Pulmonary resection for tuberculosis in diabetes mellitus [with summary in English]. G. G. Gorovenko, N. S. Orlov. Vest. khir. 89 no 9 10-15 S '62.

Repeated bronchial node perforations in chronic cheesy adenitis in adults [with summary in French]. N Dumitrescu, O. Bercea. Probl. tub no. 7 29-33 '62.

Role of tuberculous infection in the etiology of pararectal fistulae [with summary in French]. V. I. Selivanov. Probl. tub. no. 7:63-67 '62.

Some data on the diagnostic value of tuberculin tests in a clinic for tuberculosis of children. L. F Portnova Zdrav. Tadzh 9 no. 5 9-12 '62.

Some problems of segmental pulmonary pathology in children [with summary in English]. V. K. Tatochenko. Pediatriia 41 no. 9:69-76 S '62.

State of the bronchi in primary tuberculosis in children [with summary in French]. G A. Nelubina. Probl. tub. no. 7:24-29 '62.

Tuberculosis as a cause of disability among Sverdlovsk workers in 1956-1960. L. P. Zaits, O. V. Sapozhnikova. Probl. tub. no. 7:7-11 '62.

Use of butadione in active pulmonary tuberculosis [with summary in French]. A. M. Vilderman. Probl. tub. no. 7:33-39 '62

Use of butadione in tuberculosis [with summary in French] T. N. Olenova and others. Probl. tub. no. 7 39-44 '62.

TUBERCULOSIS—PREVENTIVE INOCULATION

Physiological mechanisms of immunity to tuberculosis. Report No. 1: The effect of antituberculosis vaccination on leucocytic reactions provoked by the parenteral administration of milk [with summary in English]. E. L. Kon. Biul. eksp. biol. i med. 54 no. 11:80-83 N '62.

Vaccination of adults against tuberculosis. M. Kopylova. Izv. AN Latv. SSR no. 1 131-134 '61.

TUBERCULOSIS—STATISTICS

Method for analysing the indices of temporary disability due to tuberculosis. L. E. Berenzon. Zdrav. Ros. Feder. 6 no. 11:44-47 N '62.

TUBERCULOSIS IN ANIMALS

Reactions of hemagglutination and hemolysis in animals with clinical symptoms of tuberculosis. H. V. Dunaiov. Vlasyk sil'khosp. nauky 5 no. 11:104-106 N '62

TUBES—WELDING

Nechaev, A. S. and others. [Mill for the production of spirally welded tubes] Stan dlia proizvodstva spiral'no-svarnykh trub. [Cheliabinsk] Cheliabinskoe knizhnoe izd-vo, 1961. 50 p.

TUDOR, STEPAN, 1892-1941

S. Tudor in the struggle for the party character of literature. M. M. Oleksiuk. Rad. lit. 6 no. 6:59-66 N-D '62.

"Works in two volumes" by Stepan Tudor. Reviewed by K. M. Mlynchenko. Rad. lit. 6 no. 6:131-133 N-D '62.

TUFF see Volcanic ash, tuff, etc.

TUGBOATS

Trial results of a tugboat with winged propeller. M. P. TSvetkov. Sudostroenie 28 no. 11:9-10 N '62.

TULAIKOV, NIKOLAI MAKSIMOVICH, 1875-

Academician N. M. Tulaikov and agricultural problems in the Volga region. P. G. Knbanov Zemledelie 24 no. 7:12-22 Jl '62

TULAREMIA

"Natural foci of tularemia in the U. S. S. R." by A. A. Maksimov. Reviewed by N. G. Olsuf'ev, V. V. Kucheruk. Zool. zhur. 41 no. 10:1590-1593 O '62.

TULIKOV, SERAFIM SERGEEVICH, 1914-

Sibirskii, V. E. Serafim Tulikov. Moskva, Sovetskii kompozitor, 1962. 86 p.

TULIP TREE see subdivision under Georgia

TULIPS—FERTILIZERS AND MANURES

Some data on the effect of microelements on the growth, development, and yield of tulips. N. S Vasil'eva, Vestsi AN BSSR. Ser. bilal. nav. no 3:47-52 '62

TUMORS

Shabad, L. M. [Experimental oncology] Ocherki eksperimental'noi onkologii. Pod obshchei red. A. I. Abrikosova. Moskva, Akad. med. nauk SSSR, 1947. 588 p. (CtY-M)

TUNGSTEN

Experimental study of the enthalpy of tungsten in the temperature range from 350° to 2000°C [with summary in English] V IA. Chekhovskoi, B IA Shumiatskii, K. A. IAkimovich Inzh - fiz zhur 5 no 10 13-18 O '62

TUNGSTEN—ANALYSIS

Determination of microgram quantities of molybdenum and tungsten in mineral raw materials by means of toluene-3, 4-dithiol [with summary in English]. N. A Stepanova, G. A. IAkunina Zhur. anal. khim 17 no 7 858-864 O '62

Extraction of molybdenum and tungsten from aqueous solutions. B. N Laskorin, V. S. Ul'ianov, R. A Syirideva. Zhur. prikl. khim. 35 no. 11 2409-2414 N '62.

TUNGSTEN—ELECTRIC PROPERTIES

Anode behavior of tungsten in alkaline electrolytes. V. N. Parusnikov, N. I. Kisilenko. Zhur. prikl. khim. 35 no. 10:2276-2281 O '62

TUNGSTEN—ISOTOPES

Radioactive tungsten in the atmosphere. B V. Kurchatov, V. N Lavrenchik, V M. Shubko. Atom energ. 13 no 6:576-580 D '62.

TUNGSTEN—THERMAL PROPERTIES

Accommodation of air in tungsten filaments and the radiation coefficient of tungsten. N. V. Zagoruiko, G. A. Kokin. Trudy TSAO no. 42:119-135 '62.

TUNGSTEN CHLORIDE

Electron paramagnetic resonance in supercooled WCl_6 solutions. N. S. Garif'ianov, V. N. Fedotov. Fiz. tver tela 4 no. 12:3537-3539 D '62

TUNGSTEN CRYSTALS—GROWTH

Growing tungsten crystals from vapors. O. V. Mitrofanov. Kristallografiia 7 no. 5:780-783 S-O '62.

TUNGSTEN-IRON ALLOYS see Iron-tungsten alloys

TUNGSTEN-NIOBIUM-SILICON ALLOYS—METALLOGRAPHY

Phase equilibrium in the system W - Nb - Si and certain alloy properties [with summary in English]. N. V. Dokukina, F. I. Shamrai. Poroshk. met. 2 no. 6:32-41 N-D '62.

TUNGSTEN OXIDE

Binary oxides containing tungsten, tantalum, and niobium. L. M. Kovba, V. K. Trunov. Dokl. AN SSSR 147 no. 3:622-624 N '62.

Investigating the system Bi_2O_3 - WO_3 - PbO. N. P. Smolianinov, I. N. Belliaev. Zhur. neorg khim. 7 no. 11:2591-2595 N '62.

TUNGSTEN-ZIRCONIUM-NIOBIUM ALLOYS see Niobium-tungsten-zirconium alloys

TUNISIA—DESCRIPTION AND TRAVEL

Along the roads of the Maghreb (to be continued). Sergei L'vov. Nov. vrem. 20 no. 51:26-28 D '62.

The cities of Maghreb (to be continued). Sergei L'vov Nov. vrem 20 no. 50,25-27 D '62.

TUNNEL LINING

Comparison of Soviet and foreign methods of designing the linings of pressure conduits for internal pressure S. K Shanshiev. Gidr stroi. 33 no. 10 49-51 O '62.

Protecting reinforced concrete blocks for tunnel lining from corrosion. F. M. Ivanov, S. N. Vlasov. Transp. stroi. 12 no. 11:41-43 N '62.

Selecting numerical values for the coefficients of operating conditions of tunnel linings. M. I. Dundurov Transp. stroi. 12 no. 11:51-53 N '62.

TUNNELING
(see also subdivision under Boston)

Experience with overall mechanization of the construction of a railroad tunnel. V. I. Razmerov. Transp. stroi 12 no 10:21-24 O '62.

Study of the interaction of tunneling units and loose soil. V. P. Samoilov. [Trudy] NII osn. no. 49:82-89 '62.

Thermal drilling of holes. N. IA. Vainshtein. Transp. stroi. 12 no. 11:29-31 N '62.

TUNNELING—COSTS

Technical and economic indices for comparing bridges with underwater tunnels. D. I. Dzhincharadze. Trudy GPI [Gruz.] no. 5:31-40 '61.

TUNNELS

"Hydraulic conduits of hydroelectric power stations" by G. G. Zurabov, O. E. Bugaeva. Reviewed by V. A. Tokachirov. Gidr. stroi. 33 no. 10:60-61 O '62

New designs of escalators and inclined tunnels. Transp. stroi. 12 no. 10 52-53 O '62.

The problem of the suitability of asphalt concrete for the subgrade of track in tunnels. Sh. S. Kitovani. Trudy GPI [Gruz.] no. 5-53-58 '61.

TURAN REGION—TENT CATERPILLARS—BIOLOGICAL CONTROL

Granulosis virus in the control of the tent caterpillar Dendrolimus sibericus Tschtv. V. P. Lukianchikov. Zashch. rast. ot vred. i bol. 7 no. 2 24-25 F '62.

TURBELLARIA—PARASITES see Parasites—Turbellaria

TURBIDITY

Sensitivity of the method of physical titration by water as determined by the nature of the solvent of turbidity indicators. S. I. Spiridonova. Izv. vys. uch. zav., khim. i khim. tekh. 5 no. 1 549-552 '62.

Theory of phototurbidimetric analysis, study by the method of light extinction of suspensions of calcium oxalate, *silver iodide and ferrocyanide* in the presence of an excess of precipitating agents and mineral acids. N. D. Podobed, E. S. Kozhevnikova, L. V. Strigina. Izv. vys. uch. zav., khim. i khim. tekh. 5 no. 4, 544-548 '62.

TURBINES

(see also subdivision under Kharkov)

Redesigning of the regeneration systems of VK-25-1 and VPT-25-3 turbines. G. F. Belov. Energetik 10 no. 11, 18-19 N '62.

TURBINES—BLADES

Determining optimum spatial position of a rotor blade in the final stage of a powerful heat turbine. V. F. Poznakhirev, S. P. Sobolev. Shor. trud. Lab. gidr. mash. AN URSR no. 10 72-84 '62.

TURBODRILLS

Using a turbodrill for underwater drilling and blasting. V. I. Ostrovskii, L. S. Ragnetsov. Transp. stroi. 12 no. 11 32-33 N '62.

TURBOGENERATORS

Measures undertaken for accelerating the conversion of turbogenerators to operation as synchronous compensators. M. V. Romanenko. Elek. sta. 33 no. 11 83-86 N '62.

TURBOMACHINES

Aseev, E. N., and A. S. Epshtein. [Design and calculations for free-piston gas generators] Konstruirovanie i raschet bezvalnykh generatorov gaza. Moskva, Mashgiz, 1962. 354 p.

Nauchnoe soveshchanie po teplovym napriazheniiam v elementakh turbomashin, Kiev, 1961. [Thermal stresses in the elements of turbomachines] Teplovye napriazheniia v elementakh turbomashin, doklady. Kiev, Izd-vo AN USSR.
No. 2, 1962. 174 p.
[MICROFILM]

Simplified conversion of turbocompressor characteristics during industrial tests. V. A. Murzin, IU. A. TSeitlin. Izv. vys. ucheb. zav., energ. 5 no. 11, 99-104 N '62.

TURBOMACHINES—BLADES—VIBRATION

Free bending and torsional vibrations of naturally twisted blades of turbomachines. A. P. Filippov, IU. S. Vorobiev. Shor. trud. Lab. gidr. mash. AN URSR no. 10 3-18 '62.

TURBULENCE

Experimental investigation of light-scattering phenomena in laminar and turbulent fluid flows. V. V. Struminskii, V. M. Filippov. Izv. AN SSSR. Otd. tekh. nauk. Mekh. i mashinostr. no. 6, 10-18 N-D '62.

Solution of the problem on the superposition of a forced and free thermal convection in a vertical pipe in the presence of internal heat sources in the fluid. L. E. Ber. Izv. AN SSSR. Otd. tekh. nauk. Mekh. i mashinostr. no. 6, 25-32 N-D '62.

TURGAY GATES—PALEONTOLOGY, STRATIGRAPHIC

Biostratigraphy of Paleogene sediments in the Turgay Gates and Northern Urals. N. K. Ovechkin. Trudy *VSEGEI 77 3-269* '62.

"Lower Miocene flora of Kushuk" by V. S. Kornilova. Reviewed by V. V. Lavrov. Izv. AN Kazakh. SSR. Ser. geol. no. 5, 104-107 '62.

TURGAY GATES—RADIOLARIA, FOSSIL

Late Cretaceous radiolarians of the West Siberian Plain and Turgay Gates. R. L. Lipman. Trudy VSEGEI 77 271-321 '62.

TURGAY TABLELAND—BAUXITE

Regularities in the composition and formation of bauxite deposits in the Urals and the Turgay Plain. A. K. Gladkovskii, A. K. Sharova. Trudy Gor.-geol. inst. UFAN SSSR no. 58, 169-205 '62.

TURGAY TABLELAND—BAUXITE—MAPS

Methodology of compiling maps of the prospects and metallogeny of Cretaceous bauxites in the trans-Ural region and the Turgay Plain. A. K. Gladkovskii. Trudy Gor.-geol. inst. UFAN SSSR no. 58, 207-219 '62.

TURGENEV, IVAN SERGEEVICH, 1818-1883

Expert chess player. L. Afonin. Znan. ta pratsia no. 8, 31 Ag '62.

Samochatova, O. IA. [Experience in giving a special course on I. S. Turgenev's works in the Pedagogical Institute] Iz opyta postanovki *spetsial'nogo kursa po tvorchestvu* I. S. Turgeneva v Pedagogicheskom institute. [Briansk] Izd-vo "Briianskii rabochii," 1961. 102 p.
(CU)

Unknown letters written by I. S. Turgenev. V. Akhramcev. Vop. lit. 6 no. 10, 172-175 O '62.

TURIYSK DISTRICT—ORTHODOX EASTERN CHURCH

The whole community should struggle against these surviving traces of the past. O. Fennefuk and others. Voiov. ateist no. 11 29-33 N '62.

TURKA DISTRICT—JEHOVAH'S WITNESSES

We should show concern for people. V. Rubin. Voiov. ateist no. 6 26-27 Je '62.

TURKESTAN—CHILDREN—CARE AND HYGIENE

Protection of children's health in the Turkestan Republic in 1917-1924. D. M. Niiazov. Sov. zdrav. 21 no. 12, 47-51 '62.

TURKESTAN—MEDICAL SOCIETIES

Scientific societies of Russian doctors in Turkestan in the 19th century. V. M. Faibushevich. Sov. zdrav. 21 no. 12 58-64 '62.

TURKESTAN—REVOLUTION, 1917-1921—FOREIGN PARTICIPATION

"Foreign communists in Turkestan, 1918-1921" by I. S. Sologubov. Reviewed by A. Khamidkhodzhaev, R. Arenberg. Obshchestv. nauki v Uz. 6 no. 10, 69-71 '62.

TURKEY—AGRICULTURE—ECONOMIC ASPECTS

General characteristics of the economy of Turkey after the Second World War, 1950-1958 [in Azerbaijani with summary in Russian]. K. G. Samedov. Izv. AN Azerb. SSR. Ser. obshchestv. nauk. no. 10, 91-102 '61.

TURKEY—FOREIGN RELATIONS—RUSSIA

Falsification of the history of Soviet-Turkish relations of the period of the Second World War in contemporary Turkish historiography [in Armenian with summary in Russian]. R. G. Saakin. Izv. AN Arm. SSR. Obshchestv. nauki no. 11 3-18 N '62.

"Soviet-Turkish relations from 1923 to 1935" by I. F. Chernikov. Reviewed by V. M. Zaitsev. Ukr. ist. zhur. 6 no. 6, 128-129 N-D '62.

TURKEY—HISTORY

History of the convocation of the Great National Assembly in Turkey. N. Z. Efendieva. Izv. AN Azerb. SSR. Ser. obshchestv. nauk no. 6, 95-105 '62.

TURKEY—MERCHANT MARINE

Turkish merchant marine. O. Gurevich. Mor. flot 22 no. 9 42-43 S '62.

TURKIC LANGUAGES—VERB

Comparative study of the aspect-tense system of verbs in the Russian and Turkic languages. M. G. Seifulin. *Dokl. APN 6* no. 4, 45-48 '62.

TURKMENISTAN—ARGASIDAE

Distribution and characteristics of the developmental cycle of the tick Argas hermanni Aud., 1827 (Ixodoidea, Argasidae) in Turkmenia [with summary in English]. N. A. Filippova. Zool. zhur. 41 no. 10, 1576-1578 O '62.

TURKMENISTAN—DESCRIPTION AND TRAVEL

Green and black oases of the desert. Eligii Stavskii. Vokrug sveta no. 10, 7-12 O '62.

TURKMENISTAN—GAS, NATURAL—GEOLOGY

Economic achievement of prospecting for oil and gas in Turkmenia. I. A. Grigorian. Geol. nefti i gaza 6 no. 12, 15-18 D '62.

Zeagli-Daryaza gas field. G. A. Gabrieliants and others. Geol. nefti i gaza 6 no. 11, 28-30 N '62.

TURKMENISTAN—MOTHS—EXTERMINATION

Simple method for controlling the pomegranate moth Europhera figella L. P. A. Levishko. Zashch. rast. ot vred. i bol. 5 no. 2, 38 F '60.

TURKMENISTAN—PETROLEUM GEOLOGY

Economic achievement of prospecting for oil and gas in Turkmenia. I. A. Grigorian. Geol. nefti i gaza 6 no. 12, 15-18 D '62.

TURKMENISTAN—POLITICS AND GOVERNMENT

Turkmen S. S. R. Verkhovnyi Sovet. [Meetings of the Fifth Supreme Soviet of the Turkmen S. S. R., first session, March 30, 1959. Verbatim report] Zasedaniia Verkhovnogo Soveta Turkmenskoi SSR piatogo sozyva pervaia sessiia (30 Marta 1959 goda); stenograficheskii otchet. Ashkhabad, Turkmenskoe gos. izd-vo, 1959. 85 p. [Parallel texts in Turkmen and Russian]

TURKMENISTAN—POMEGRANATE—DISEASES AND PESTS

Simple method for controlling the pomegranate moth Europhera figella L. P. A. Levishko. Zashch. rast. ot vred. i bol. 5 no. 2, 38 F '60.

TURKMENISTAN—WATER, UNDERGROUND—THERMAL PROPERTIES

Dzhibuti, S. S. [Geothermic conditions of the deposits of waters of the western Turkmenian oil- and gas-bearing basin] Geotermicheskie usloviia podzemnykh vod Zapadno-Turkmenskogo neftegazonosnogo basseina. Moskva, Izd-vo Akad. nauk SSSR, 1962. 86 p.

TURNING

High-speed machining of taper keys. V. I. Zagorskii, O. L. Pavlichenko. Mashinostroitel' no. 11, 34-36 N '62.

Insuring optimal conditions of wood turning. A. S. Pizhurin. Izv. vys. ucheb. zav., les. zhur. 4 no. 5, 100-104 '61.

Machining engine piston cooler on lathes. P. I. Dyachkov. Mashinostroitel' no. 11, 34 N '62.

TURNING—PRODUCTION STANDARDS

Moscow. TSentral'noe biuro promyshlennykh normativov po trudu. [General norms for time and motion study conditions used in the industry for machinery [illegible] matic lathes, mass, large-lot and lot production] Obshchemashinostroitel'nye normativy vremeni i rezhimov rezaniia na tokarno-avtomaticheskie stanki, massovoe, krupnoseriinoe i seriinoe proizvodstvo. Moskva, Mashgiz, 1962. 271 p.

TURPENTINING

(see also subdivision under Ukraine, Verkh[illegible] Dnieper District)

Classification of the systems, procedures, and [illegible] of tree tapping. A. V. Gordeev. Gidroliz i lesokhim. prom. 15 no. 8, 14-15 '62.

Technological and economic indices of freshly [illegible] tar-impregnated wood in the turpentine extraction industry. F. A. Mednikov, R. A. Akimova. Izv. vys. ucheb. zav., les. zhur. 4 no. 5, 160-161 '61.

TURUKHANSK DISTRICT—GASES IN ROCKS

Cambrian fractured rocks in Turukhansk District as possible oil and gas reservoirs. I. V. Lapardin. Trudy VNIGRI no. 193, 69-78 '62.

TURUKHANSK DISTRICT—OIL SANDS

Cambrian fractured rocks in Turukhansk District as possible oil and gas reservoirs. I. V. Lapardin. Trudy VNIGRI no. 193, 69-76 '62.

TUVA A.S.S.R.—CONIFERAE—DISEASES AND PESTS

Antibiotic microbes for the protection of conifers. A. B. Gukasian. Zashch. rast. ot vred. i bol. 7 no. 2, 23-24 F '62.

TUVA A.S.S.R.—ECONOMIC CONDITIONS

"Economy of the Tuva A. S. S. R." Reviewed by [illegible] chinskii. Vest. stat. no. 11, 89-93 '62.

TUVA A.S.S.R.—FOREST INSECTS—BIOLOGICAL CONTROL

Antibiotic microbes for the protection of conifers. A. B. Gukasian. Zashch. rast. ot vred. i bol. 7 no. 2, 23-24 F '62.

TUVA A.S.S.R.—HEMIPTERA

Hemiptera (Hemiptera-Heteroptera) of the Tuva A. S. S. R. A. I. Cherepanova, A. N. Kirichenko. Trudy Biol. inst. Sib. otd. AN SSSR no. 5, 57-62 '62.

TUVA A.S.S.R.—DESCRIPTION AND TRAVEL

In the Tuva Autonomous Province. T. I. Stanukhina. Vop. deput. trud. no. 11, 69-73 N '62.

TUWIM, JULIAN, 1894-1953

"The poetry of Julian Tuwim" by R. I. Rubakh. Reviewed by L. M. Vershov. Rad. lit. 6 no. 6, 148-149 N-D '62.

TWAIN, MARK, pseud. see Clemens, Samuel Langhorne, 1835-1910

TWIST DRILLS—LUBRICATION

Device for automatic drill lubrication. [illegible]. Mashinostroitel' no. 11, 28 N '62.

2,4-D

Effectiveness of a mixture of 2, 4-D esters in [illegible] ing the field sow thistle. N. A. Sosnin. Zash. rast. ot vred. i bol. 7 no. 4, 32-34 Ap '62.

Fungicidal effect of the esters of 2, 4-D. V. I. [illegible] A. M. Gulidov. Zashch. rast. ot vred. i bol. 7 [illegible] 58 Ap '62.

Herbicide 2, 4-D in the control of stalenate weeds. [illegible] Batko, V. A. Alabushev. Zashch. rast. ot vred. i bol. 7 no. 2, 22 F '62.

Herbicides, derivatives of 2, 4-dichlorophenoxyacetic acid. P. A. Korolev. Zashch. rast. ot vred. i bol. 7 no. 4, 47-49 Ap '62.

Herbicides in subalpine meadows. I. P. Varenik. Zashch. rast. ot vred. i bol. 7 no. 4, 58 Ap '62.

TYMPANAL ORGAN

Individual, age and geographical variability of auditory ossicles in rodents, as exemplified by closely related species of the genera Apodemus and Cricetulus [with summary in English]. N. I. Larina. Zool. zhur. 41 no. 10, 1536-1547 O '62.

TYPE AND TYPE FOUNDING

Changing the design of type. Poligr. proizv. no. [illegible] 38 D '62.

TYPESETTING
Typesetting of tables on type founding machines. I. M. Rybkin. Poligr. proizv no. 12:18-19 D '62.

TYPHOID FEVER
Diagnostic errors in typhoid fever peritonitis. V. M. Nechiporuk. Klin. med. 40 no. 10:121-123 O '62.

TYPHOID FEVER—PREVENTION see subdivision under Siberia, Eastern

TYPHOID FEVER—PREVENTIVE INOCULATION
Effect of pentoxyl and levomycetin and their combinations on agglutinin formation in experimental immunization with typhoid vaccine [with summary in English]. B. IU. Kalinin. Antibiotiki 7 no. 9 799-804 S '62.

TYUMEN' PROVINCE—LUMBERING—HYGIENIC ASPECTS
The heart does not retire. A. Shaianov, A. Muravlev. Okhr. truda i bezop. stankh. 5 no. 11 12 N '62

UDDER—BLOOD SUPPLY
Vascular system of the mammary gland in goats [with summary in English]. M. N. Srukov. Vest. LGU 17 no. 21:113-121 '62.

UDMURT A.S.S.R.—ECONOMIC CONDITIONS
[Solemn meeting of the Province Committee of the CPSU, the Supreme Soviet and the Council of Ministers of the Udmurt A. S. S. R. devoted to the 43d anniversary of the Great October Socialist Revolution and the 40th anniversary of the establishment of the Udmurt Autonomous Soviet Socialist Republic] Torzhestvennoe zasedanie oblastnogo komiteta KPSS, Verkhovnogo Soveta i Soveta Ministrov Udmurtskoi ASSR, posviashchennoe 43-i godovshchine Velikoi Oktiabr'skoi Sotsialisticheskoi revoliutsii i 40-letiiu obrazovaniia Udmurtskoi Avtonomnoi Sotsialisticheskoi Respubliki. Izhevsk, Izd. Prezidiuma Verkhovnogo Soveta UASSR, 1961. 150 p. [MICROFILM]

UDMURT A.S.S.R.—FOREST ECOLOGY
Wood-sorrel type spruce forest and its derivatives in southern Udmurtia. D. L. Lubarskii. Bot. zhur. 47 no. 10:1503-1510 O '62

UDMURT A.S.S.R.—FOREST MANAGEMENT
Ways for preserving the young conifer growth in clear-cut areas of the Udmurt A. S. S. R. Ch. S. Khasankaev, V. K. Vetkasov. Les. khoz. 15 no. 7-20-21 Jl '62.

UDOKAN RANGE—COPPER ORES
Geology and regularities in the location of cuprous sandstones in the area of Udokan Range. IU. V. Bogdanov. Zakonom. razm. polezn. iskop. 5:345-352 '62.

UFA—THEATER
The "NUR" Theater. Kh. Gubaidullin. Teatr. 23 no. 11: 155 N '62.

UKHTA DISTRICT—BEETLES
Fauna of water beetles and beetles living near water in the Ukhta District, Komi A. S. S. R. V. B. Zakhvatkin, K. F. Sedykh. Izv. Komi fil. Geog. ob-va SSSR no. 7 82-87 '62

UKHTA DISTRICT—DRAGONFLIES
Dragonflies of the Ukhta District, Komi A. S. S. R. K. F. Sedykh. Izv. Komi fil. Geog. ob-va SSSR no. 7 124-127 '62.

UKRAINE—ACORNS
Is it expedient to preserve acorns for two years? I. S. Lototskii. Les. khoz. 15 no. 10,80 O '62

UKRAINE—ADULT EDUCATION
Efforts of Ukrainian trade unions to raise the cultural level and technical skill of workers, 1921-1925. M. A. Ginzburg. Ukr. ist. zhur. 6 no. 6:99-106 N-D '62

UKRAINE—AERONAUTICS IN AGRICULTURE
Make a more extensive application of aerial spraying in controlling the shield bug Eurygaster integriceps. B. A. Arzakhalov. Zashch. rast. ot vred. i bol. 7 no. 2:8-9 F '62.

UKRAINE—AFFORESTATION
Characteristics of the growth of pine-oak plantations. Sh. M. Savych. Nauk. pratsi Lisohosp. fak. UASHN 10 no. 3:127-136 '60.
Growth of young oaks in seeded plantations. M. V. Davydov. Nauk. pratsi Lisohosp. fak. UASHN 10 no. 3:105-113 '60.
Simple method for protecting fall-sown lots against mice. I. I. Vertepnyi. Les. khoz. 15 no. 7:60 Jl '62

UKRAINE—AGRICULTURAL RESEARCH
Agricultural science in the Ukraine on the 45th anniversary of the Great October. V. F. Peresypkin. Visnyk sil'hosp. nauky 5 no. 10:3-9 O '62.

UKRAINE—AGRICULTURE
[Competition and friendship; Khar'kov, Belgorod, Poltava] Sorevnovanie i druzhba; Khar'kov, Belgorod, Poltava. [Khar'kov] Khar'kovskoe knizhnoe izd-vo [etc.] 1962. 117 p.
(DNAL)

[Honor of a farmer; progressive farmers tell their stories] Chest' khliborobs, hovoriat' dosvidcheni tradivnyky zemli. L'viv, Knyzhkovo-zhurnal'ne vyd-vo, 1962. 141 p.
(DNAL)

"Large manorial estates in the right-bank Ukraine in the second half of the 18th century" by V. A. Markina. Reviewed by L. V. Zhylina'ka, K. I. Stetsiuk. Ukr. ist. zhur. 6 no. 6 117-119 N-D '62.

[The road to abundance] Shliakh do dostatku. L'viv, Knyzhkovo-zhurnal'ne vyd-vo, 1962. 117 p.
(DNAL)

UKRAINE—AGRICULTURE—ACCOUNTING
Electronic computers in agriculture. A. V. Alekseiev, IA. P. Borokhovych. Visnyk sil'hosp. nauky 5 no. 11: 25-29 N '62

UKRAINE—AGRICULTURE—ECONOMIC ASPECTS
Work of the Ukrainian Research Institute of the Economics and Organization of Agriculture. V. Tarasenko. Ekon. sel'khoz. 33 no. 11,109-111 N '62.

UKRAINE—AIRPLANES—MODELS
Ukrainian sportsmen are the best. V. Kumanin. Kryl. rod. 13 no. 11:25 N '62.

UKRAINE—AMPHIBOLE
Amphiboles from the metamorphic complex of the Verkhovtay and Chertomlyk magnetic anomalies. I. O. Makukhina. Trudy Inst. geol. nauk AN URSR Ser. petr., min. ta geokhim. no. 6:128-135 '60.

UKRAINE—APARTMENT HOUSES—VENTILATION
Hygiene evaluation of experimental ventilation systems in economical apartment houses in the Ukraine. Kh. A. Zavialskaia. Vod. i san. tekh. no. 9 20-22 '62

UKRAINE—ARCHIVES
Work of the archives of the province committees of the Communist Party of the Ukraine. M. I. Moskalenko. Ukr. ist. zhur. 6 no. 6:141-143 N-D '62

UKRAINE—ATHEISM
The debt of honor of rural atheists. Volov. ateist no. 6: 2-3 Ag '62

UKRAINE—ATHEISM—STUDY AND TEACHING
Let us discuss the most important matters first. Volov. ateist 3 no. 12:3-4 D '62.

UKRAINE—BARLEY—FERTILIZERS AND MANURES
Effectiveness of complete mineral fertilizers for malting barley. O. M. Horditenko. Visnyk sil'hosp. nauky 5 no. 11:82-83 N '62.

UKRAINE—BIRCH
Birch trees from the Fox Fest in the Ukraine. V. F. Denchik. Les. khoz. 15 no. 10:22-21 O '62.

UKRAINE—BOARDING SCHOOLS
Boarding schools in the Ukraine, 1958-1961. M. M. Motorniuk. Ukr. ist. zhur. 6 no. 6:51-58 N-D '62.

UKRAINE—CANNING AND PRESERVING
Collective farm center for processing and storing fruit, berries, and vegetables. B. D. Ignat'ev, M. Sh. Izrailevskii. Nauch. trudy Ukr. nauch.-issl. inst. sad. no. 38: 5-43 '62.
Sweet cherry varieties from the south of the Ukraine suitable for preserving. I. IA. Vanek. Nauch. trudy Ukr. nauch.-issl. inst. sad. no. 38:122-140 '62.

UKRAINE—CANNING INDUSTRY
Cooperative construction of collective-farm canning plants in the Ukraine. B. D. Ignat'ev. Nauch. trudy Ukr. nauch.-issl. inst. sad. no. 38:44-63 '62.

UKRAINE—CARP BREEDING
Biological characteristics of breeder carp. V. A. Movchan. Trudy sov. ikht. kom. no. 14:161-215 '62.

UKRAINE—CATTLE—FEEDING AND FEEDS
Feed distributor of the RSH-3 screw-conveyor type. N. I. Bondarenko. Zhivotnovodstvo 24 no. 9,86 S '62.

UKRAINE—CHERRY—VARIETIES
Sweet cherry varieties from the south of the Ukraine suitable for preserving. I. IA. Vanek. Nauch. trudy Ukr. nauch.-issl. inst. sad. no. 38:122-140 '62.

UKRAINE—CHRISTMAS PLAYS
Ritual theatrical materials in the collections of the Ukrainian State Museum of Ethnography and Art Industries of the Academy of Sciences of the Ukrainian S. S. R. Print. UDMUKHP no. 6:67-75 '61.

UKRAINE—CITIES AND TOWNS
History of Ukrainian cities and villages. O. Kasymenko, I. Slabiiev. Ukraina no. 20:24 O '62.

UKRAINE—CLOVER
Sowing corn along with white sweet clover. H. I. Musatov. Visnyk sil'hosp. nauky 5 no 11,46-49 N '62

UKRAINE—COAL MINES AND MINING
Ukrainian coal miners and the 45th anniversary of the October Revolution. Ugol' Ukr. 6 no. 11:1-3 N '62.

UKRAINE—COLLECTIVE FARMS—INTERFARM COOPERATION
Cooperative construction of collective-farm canning plants in the Ukraine. B. D. Ignat'ev. Nauch. trudy Ukr. nauch.-issl. inst. sad. no. 38:44-63 '62.

UKRAINE—COMMUNIST EDUCATION
Let's convert knowledge into deep communist convictions. I. I. Shteinberg. Rad. shk. 41 no. 9:10-15 S '62.

UKRAINE—COMMUNIST PARTY OF THE SOVIET UNION
Triumph of Leninist ideas. Ukraina no. 24:2 D '62.

UKRAINE—COMMUNIST PARTY OF THE SOVIET UNION—CONGRESSES
Urchenko, O. T. [Fourth Conference of the Communist Party of the Ukraine] Chetvertaia konferentsiia KP(b) U. Kyiv, Derzh. vyd-vo polit. lit-ry URSR, 1961. 181 p. (Z'izdy i konferentsii Kommunistychnoi Ukrainy) (NNC)

Matvilchuk, M. M. [The 18th Congress of the Communist Party of the Ukraine] Vistimnadtsiatyi z'izd KP Ukrainy. Kyiv, Derzhpolitvydav URSR, 1962. 148 p. (Z'izdy i konferentsii Kommunistychnoi partii Ukrainy)

UKRAINE—CONSTRUCTION INDUSTRY
Contributions of research and planning organizations to rural construction. V. Buznytskyi. Sil' bud. 12 no. 11 21 N '62

Supply center of the interfarm building organization. H. Abrosymov. Bud. mat. i konstr. 4 no. 6:46-50 N-D '62.

UKRAINE—CONSTRUCTION INDUSTRY—PRODUCTION METHODS
Improve the assembly-line organization of industrial construction. P. Slipchenko. Ekon. strol. no. 12:11-17 D '62.

UKRAINE—CORN (MAIZE)
Corn as a predecessor to winter wheat in the western forest steppe of the Ukraine. D. I. Kalashnyk. Visnyk sil'hosp. nauky 5 no 11:41-45 N '62.
Some possibilities of reducing the cost of corn. P. F. Asmolov. Visnyk sil'hosp. nauky 5 no. 10:77-79 O '62.
Sowing corn along with soybean as the possibility of accumulating proteins in feeds. A. N. Klechetov, M. I. Volkova, E. P. Saenko. Nauch. trudy Zootekh. fak. Khar. zoovet. inst. 11:135-136 '62.
Sowing corn along with white sweet clover. H. I. Musatov. Visnyk sil'hosp. nauky 5 no 11:46-49 N '62.

UKRAINE—CORN (MAIZE)—DISEASES AND PESTS
Bacterial stalk rot of sorghum, corn and sudan grass in the Ukraine [with summary in English]. L. T. Pastushenko. Mikrobiol. zhur. 24 no 2:34-39 '62

UKRAINE—CORN (MAIZE)—MICROBIOLOGY
Characteristics of the microflora of corn ears in the southern Ukraine (with summary in English). V. F. Savel'iev. Mikrobiol. zhur. 24 no 2 38-44 '62

UKRAINE—COURTS
Ukraine. Laws, statutes, etc. [Law on the judicial system of the Ukrainian S. S. R.] Zakon pro sudoustrii Ukrains'koi RSR. Kyiv, Derzhpolitvydav URSR, 1962. 14 p.

UKRAINE—DAIRY BARNS
Effect of the temperature and humidity of air in a dairy barn on the health and milk yield of cows. I. F. Khrabustovskii. Nauch. trudy Zootekh. fak. Khar. zoovet. inst. 11:73-79 '62.

UKRAINE—DESCRIPTION AND TRAVEL
IEhorov, IU. Ie. [Foreign visitors on the Soviet Ukraine] Zarubizhni hosti pro Radians'ku Ukrainu. Kyiv, 1962. 54 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR. Seriia IV, no. 7)

IUdenych, O. M. [Along the Ukrainian rivers] Po richkakh Ukrainy. 2., perer. ta dop. vyd. Za red. O. T. Dibrovy. Kyiv, Derzh. uchbovo-pedagog. vyd-vo "Radians'ka shkola," 1956. 372 p.

Paul White was surprised. Volodymyr Lehkostup. Ukraina no. 24:21-23 D '62.

UKRAINE—EARTHQUAKES
"Earthquakes in the Ukraine" by S. V. Evseiev. Reviewed by I. D. Hofshtein. Geol. zhur. 22 no. 5:110-111 '62.

UKRAINE—ECONOMIC CONDITIONS
Fraternity and cooperation of Soviet peoples. Kommunist 30 no. 1:127-128 Ja '63.

Kosolapov, V. V. [The beacon lights of communism shine for us] Nam svitiat' komunizmu maiaki. Kyiv, Molod', 1962. 72 p.

UKRAINE—EDUCATIONAL RESEARCH
In the Ministry of Education of the Ukrainian S. S. R. Rad. shk. 41 no. 9:92-95 S '62.

UKRAINE—EFFICIENCY, INDUSTRIAL
[Great strides toward communism; sketches, accounts, letters, and news stories on the traces of communism which are gradually changing the lives of Ukrainian workers] Shyrokym krokom - u komunizm; narysy, rozpovidi, lysty i publitsyatychni notatky pro parostky komunizmu, iaki vse riasnishe skhodiat' v zhitti trudiashchikh Ukrainy. Kyiv, Derzh. vyd-vo polit. lit-ry URSR, 1961. 517 p.

Popov, M. V. [In the name of the 22d Congress of the CPSU] Imeni XXII z'izdu KPRS. Kyiv, Vyd-vo TsK LKSMU "Molod', 1962. 61 p.

660775 O - 69 - 20

UKRAINE—EURYGASTERS

Make a more extensive application of aerial spraying in controlling the shield bug Eurigaster integriceps. B. A Arcshniko. Zashch. rast. ot vred. i bol 7 no. 2 8-9 F '62.

UKRAINE—FALLOWING

Advantages of green fallows. V. K Bedrynets' Visnyk sil'hosp nauky 5 no 11 81-82 N '62

UKRAINE—FARM MECHANIZATION

How we trained machinery operators for permanent work in Ukrainian rural areas, 1953-1961 O O Fhyzhuk Ukr. ist. zhur. 6 no 6 58-65 N-D '62

UKRAINE—FIELD MICE

Simple method for protecting fall-sown lots against mice I I Vertepnyi Les khoz 15 no 7 80 Jl '62

UKRAINE—FISH CULTURE

Raising different species of fishes in the same pond, as a method for increasing the productivity of ponds and small reservoirs in the steppe zone of the Ukrainian S S R G B. Mel'nikov, A. M Chaplina. Trudy sov. Ikht. kom no 14 74-75 '62.

System of pond fish culture on collective farms of the wooded steppe area of the Ukrainian S.S.R. V. A. Murin. Trudy sov. Ikht. kom no 14 133-137 '62.

UKRAINE—FLY ASH

Partial replacement of the cement in concrete and reinforced concrete elements with fly ash from burning brown coal at the Aleksandrovskaya Thermal Electric Plant. O. Kuziakina, S Glazkova Bud. mat. i konstr. 4 no. 6 30-33 N-D '62.

UKRAINE—FOREIGN RELATIONS

Establishment of a diplomatic alliance of the Ukraine, the R, S, F, S, R , and other Soviet republics V. A. Chyrko. Ukr. ist. zhur. 6 no. 6 40-50 N-D '62

UKRAINE—FOREST ECOLOGY

Interspecific relations of tree species in fast-growing plantations. A S IArmol's'ka Visnyk sil'hosp nauky 5 no 11 86-99 N '62.

UKRAINE—FOREST MANAGEMENT

Analysis of forest exploitation in forest management. A. I. Kotov. Nauk. pratsi lisohosp. fak. UASHN 16 no. 8: 18-27 '60.

UKRAINE—FOREST SOILS

Optimal soil conditions for the growth of pine. S. O. Zolotar'ov, Kim Zun Sek [Kim Chung-sŏk]. Nauk. pratsi lisohosp. fak. UASHN 16 no. 8 28-33 '60.

UKRAINE—FORESTRY RESEARCH

Scientific session in Kharkov A K Rosenko Les khoz 15 no 7 95 Jl '62

UKRAINE—FRUIT—STORAGE

Fruit storage without artificial refrigeration. V. D. Ignat'ev. Nauch. trudy Ukr. nauch. -issl. inst. sad. no. 38 64-73 '62.

UKRAINE—FUEL TRADE

Fuel is delivered to the house. M. Karpov, V. Kushnarev. Sov. potreb. koop. 6 no. 9 22-23 S '62.

UKRAINE—GAS, NATURAL—GEOLOGY

Evaluating the results and the measures for improving prospecting for oil and gas fields in the Ukraine I. O. Brod and others. Geol. nefti i gaza 6 no 10 1-12 O '62

UKRAINE—GEOCHEMISTRY

Distribution of Mn, Fe, P, Co_2, and $C_{org.}$ in the Oligocene of the southern Ukrainian manganese-ore basin. I. M. Varentsov. Dokl. AN SSSR 147 no. 3 703-706 N '62.

UKRAINE—GEOLOGY, STRATIGRAPHIC

Volcanic sedimentary formations of the Lower Proterozoic of the Ukraine and regularities in the distribution of minerals in them. G V. Zhukov. Zakonom. razm. polezn. iskop. 5 119-129 '62.

UKRAINE—GRAPES—VARIETIES

Key for determining grape varieties. A. V. Dashkevych. Visnyk sil'hosp. nauky 5 no. 11 91-93 N '62.

UKRAINE—HEALTH RESORTS, WATERING PLACES, ETC.

There where a monastery used to be. I. IUshko, Volov. ateist 3 no. 12 14-15 D '62.

UKRAINE—HESSIAN FLIES

Damage by the Hessian fly to the winter wheat crop. A. A. Danilluk. Zashch. rast. ot vred. i bol. 6 no. 8 8-9 Ag '61.

UKRAINE—HISTORICAL RESEARCH

History of Ukrainian cities and villages. O. Kasymenko, I. Slabiciev. Ukraina no. 20 24 O '62.

UKRAINE—HISTORY

Kostruba, Theophilus, [Selected works] Vybrani tvory. Toronto, Ukr. vyd-vo "Dobra knyzhka," (no. 172) Vol. 2. [Studies on the history of the Ukraine] Narys istorii Ukrainy. 1961. 304 p.

"Social and economic development of large manorial estates in the right-bank Ukraine in the second half of the 18th century" by V A. Markina. Reviewed by I. V Sozin Vop ist no 12 130-132 D '62

"Ukrainian revolutionary democrats in the late 1850's and the early 1860's" by F A IAstrebov. Reviewed by R A Taubin Vop ist no 12 127-129 D '62

UKRAINE—HISTORY—SOURCES

Ohlobyn, O. P. [Manuscripts of the "History of the Russ."] Spysky "Istorii rusiv," Munich, 1956. 16 p.

UKRAINE—HISTORY—STUDY AND TEACHING

Lectures for the history teachers of the Ukrainian S. S R. H. I. Pidhuts'kyi Ukr. ist. zhur. 6 no 6 145-146 N-D '62.

UKRAINE—ICE

An outstanding case of glaze in the Ukraine from the 13th to the 15th of November 1961. I. I. Trusov. Meteor. i gidrol. no. 11 50-51 N '62.

UKRAINE—INDUSTRIES

Our workdays. Ukraina no. 20 1 O '62.

UKRAINE—LABOR AND LABORING CLASSES—BIBLIOGRAPHY

Studies on the history of the Ukrainian laboring classes during the second five-year plan. M. V. Biel'a'ka. Ukr. ist. zhur 6 no. 6 89-94 N-D '62

UKRAINE—LAND TENURE

"Large manorial estates in the right-bank Ukraine in the second half of the 18th century" by V. A. Markina Reviewed by L. V. Zhylins'ka, K. I. Stetsiuk Ukr ist. zhur. 6 no. 6 117-119 N-D '62.

"Social and economic development of large manorial estates in the right-bank Ukraine in the second half of the 18th century" by V. A. Markina Reviewed by I. V Sozin Vop. ist no 12 130-132 D '62

UKRAINE—LARCH

Acclimatization and growth of Siberian larch seedlings as related to the degree of pruning. K. H. Shumaleva. Nauk. pratsi lisohosp. fak. UASHN 16 no. 8 03-06 '60.

Highly productive plantations of Polish larch in the Ukrainian S. S. R. K. E. Nikitin. Nauk. pratsi lisohosp. fak. UASHN 16 no. 8 114-116 '60.

UKRAINE—LEAF RUST OF WHEAT

Breeding winter wheat for resistance to leaf rust. A. A. Horlach. Visnyk sil'hosp. nauky 5 no. 10 19-23 O '62.

UKRAINE—MACHINE-TOOL INDUSTRY

Oboznyi, A. G. [Plant and equipment of the machinery industry and the means to improve their use; the practice of the machine-tool and metal-cutting tool industry of the Ukrainian S. S. R.] Osnovnye fondy mashinostroeniia i puti uluchsheniia ikh ispol'zovaniia; na primere stankoinstrumental'noi promyshlennosti USSR. Kiev, Izd-vo Akad. nauk USSR, 1962. 158 p.

UKRAINE—MAGNETIC ANOMALIES

Amphiboles from the metamorphic complex of the Verkhovtay and Chertomlyk magnetic anomalies. H O Makukhina Trudy Inst. geol. nauk AN URSR Ser petr , min ta geokhim no 6 128-136 '60

UKRAINE—MANGANESE ORES

Distribution of Mn, Fe, P, Co_2, and $C_{org.}$ in the Oligocene of the southern Ukrainian manganese-ore basin. I. M. Varentsov. Dokl. AN SSSR 147 no. 3 703-706 N '62.

UKRAINE—MANUFACTURES

Manufactures based on hand labor in the period of the industrial revolution in the Ukraine. T. I. Derevlankin. Ukr. ist. zhur. 6 no. 6 108-108 N-D '62.

UKRAINE—MINING MACHINERY

Ukrainian Scientific and Technical Research Institute of Equipment and Machinery for Mine Construction at the Exhibition of Achievements of the National Economy of the U. S. S. R. I. A. Tokarev. Shakht. stroi. 6 no. 11 27-28 N '62.

UKRAINE—MOTION-PICTURE PLAYS

"Contemporaneity in Ukrainian motion-picture dramaturgy" by A. I. Shcherbak. Reviewed by V. IAnovskii. Sov. Ukr. 12 no. 10 183-184 O '62.

Zhurov, G. V. [The Dovzhenko Motion-Picture Studio in Kiev; a study] Kyivs'ka kinostudiia imeni O. Dovzhenka; narys. Kyiv, Derzh. vyd-vo obrazotvorchoho mystetstva i muzychnoi lit-ry URSR, 1962, 78 p.

UKRAINE—MOTION PICTURES

In meshes. Mikh. Logvinenko. Volov. ateist no. 0 56-59 S '62.

Kovaliv, B. P. [History of the Ukrainian cinema] Istoriia ukrains'koho kina. New York, Naukove tovarystvo im. T. Shevchenka, [1962]. 271 p. (Biblioteka ukrainoznavstva, no. 7) [With summary in English]
(CU)

UKRAINE—MULBERRY BREEDING

Vitality of the pollen of different mulberry varieties. IE. M. Vodolazhchenko. Visnyk sil'hosp. nauky 5 no. 10 97-99 O '62.

UKRAINE—MUSIC

Brief news. Sov. muz. 26 no. 10 145 160 O '62

UKRAINE—MUSIC—INSTRUCTION AND STUDY

Fixed attention on youth I. Kolodub. Sov. muz 25 no 10 13-15 O '62

UKRAINE—NEMATODE DISEASES OF PLANTS

Effect of potato sorting on the degree of infection by stem nematodes. T. G. Efremova Zashch. rast. ot vred. i bol. 5 no. 2 31 F '60

UKRAINE—OAK

Characteristics of the growth of pine-oak plantations, IU. M. Savych. Nauk. pratsi lisohosp. fak. UASHN 16 no. 8 127-136 '60.

Growth of young oaks in seeded plantations. M. V. Davydov. Nauk. pratsi lisohosp. fak. UASHN 16 no. 8 105-113 '60.

UKRAINE—ONION BREEDING

Methods for obtaining parent material for breeding sterile forms of onions. I. A. Pankenko, A. F. Kononenko. Visnyk sil'hosp. nauky 5 no. 10 55-64 O '62.

UKRAINE—ORE DEPOSITS

Metallogenetic features of the Ukrainian iron ore province. IA. N. Belovtsev and others. Zakonom. razm. polezn. iskop. 5 82-100 '62.

UKRAINE—PALEOBOTANY

Historical review of paleobotanic studies in the Ukrainian S. S. R. K. O. Novyk. Geol. zhur. 22 no 1 100 '62.

UKRAINE—PARASITES—FISHES

Parasites of pond fishes in the steppe zone of the Ukraine. L. M. Antoyshkina. Trudy sov. Ikht. kom. no. 14 211-214 '62.

UKRAINE—PEA WEEVIL

Dusting the edges of a field in controlling the pea weevil N F Assaul Zashch. rast. ot vred. i bol 7 no 6 32-33 Je '62

UKRAINE—PEASANT UPRISINGS

"The peasant movement in the right-bank Ukraine after the Reform of 1861, from 1866 to 1900" by I. F. Fedia Reviewed by M. N. Leshchenko Ukr. ist. zhur 6 no 6 113-117 N-D '62.

UKRAINE—PETROLEUM GEOLOGY

Evaluating the results and the measures for improving prospecting for oil and gas fields in the Ukraine I. O. Brod and others. Geol nefti i gaza 6 no 10 1-12 O '62.

UKRAINE—PINE

Characteristics of the growth of pine-oak plantations IU. M. Savych. Nauk. pratsi lisohosp. fak. UASHN 16 no. 8 127-136 '60.

Effect of forest litter on soil moisture in a pine forest. L. B. Voroshyn. Visnyk sil'hosp. nauky 5 no. 10 61-65 O '62.

Optimal soil conditions for the growth of pine. S. O. Zolotar'ov, Kim Zun Sek [Kim Chung-sŏk]. Nauk. pratsi lisohosp. fak. UASHN 16 no. 8 28-33 '60.

Valuation of the increment of pine on stumps. M. M. Rudenko. Nauk. pratsi lisohosp. fak. UASHN 16 no. 8 144-150 '60.

UKRAINE—POLITICS AND GOVERNMENT

Along Lenin's path. V. V. Tsvetkov, A. P. Turkh. Iur. gos. i pravo 32 no. 12 76-83 D '62.

The constellation of socialist nations. L. Sulavko Volv. ateist 3 no. 12 8-9 D '62.

Nationwide movement in the Ukraine for the establishment of the U. S. S. R. P. P. Rachyns'kyi. Ukr. ist. zhur. 6 no. 6 29-40 N-D '62.

Ukraine. Verkhovnyi Sovet. [Meetings of the Fifth Supreme Soviet of the Ukrainian S. S. R., sixth session, December 26-27, 1961. Verbatim report] Zasidannia Verkhovnogo Soveta Ukrainskoi SSR, piatogo sklykannia, shestoi sessii, 26-27 dekabria 1961 goda. Stenograficheskii otchet. Kiev, Gos. izd-vo polit. lit-ry USSR, 1962. 200 p.

UKRAINE—POPLAR

Propagation by cuttings using a polyethylene film. K. H. Shumaleva. Nauk. pratsi lisohosp. fak. UASHN 16 no. 8 87-89 '60.

UKRAINE—POTATOES—DISEASES AND PESTS

Effect of potato sorting on the degree of infection by stem nematodes. T. G. Efremova Zashch. rast. ot vred. i bol. 5 no. 2 31 F '60.

UKRAINE—PRINTING—HISTORY

Ivan Fedorov and problems of Ukrainian printing M. I. Kolinda. Rad. lit. 6 no. 6 85-90 N-D '62.

UKRAINE—PROSPECTING—CONGRESSES

Joint session of the Council of Geological Technology of the Ministry of the Geology and Conservation of Mineral Resources of the U. S. S. R. and the Main Oil and Gas Prospecting Administration of the Ukrainian S. S. R. A. Paliі. Geol. nefti i gaza 6 no. 10 62-64 O '62.

UKRAINE—PRUNE—VARIETIES
High quality raw material for the production of dried prunes. M.I. Panasiuk. Nauch. trudy Ukr. nauch.-issl. inst. sad. no 36;141-149 '62.

UKRAINE—PUBLIC HEALTH
Achievements of public health in the Ukrainian SSR in the control of infectious diseases during the 45 years of Soviet authority. P.D. Leshchenko. Vrach. delo no. 12 3-8 D '62.

UKRAINE—RELATIONS (GENERAL) WITH POLAND
"Friendly cooperation of the Ukrainian S.S.R. with the Polish People's Republic, 1944-1960" by I.I. Pyasev. Reviewed by N.I. Vladymyrova Ukr. ist. zhur 6 no 6, 124-126 N-D '62.

UKRAINE—REVOLUTION, 1917-1921
Grinfel'd, IU. [Reminiscences of the struggle for freedom and democracy in Odessa during the years 1918-1920] Iz vospominanii o bor'be za svobodu i narodovlastie v Odesse, 1918-1920 gg. New York 1962. 47 l. (Interuniversity Project on the History of the Menshevik Movement. Paper, no. 9)
(CSt-H)
Some problems in the history of the soviets in the Ukraine in 1917. IU.M. Gamretskii. Vop. ist. no. 11: 124-134 N '62.

UKRAINE—RICE
Economic effectiveness of growing rice in the Ukraine. D.H. Shaposhnykov. Visnyk sil'hosp nauky 5 no. 10: 9-14 O '62.

UKRAINE—RIVERS
IUdenych, O.M. [Along the Ukrainian rivers] Po richkakh Ukrainy. 2., pererab. i dop. vyd. Za red. O.T. Dibrovy. Kyiv, Derzh. uchbovo-pedagog. vyd-vo "Radians'ka shkola," 1958. 372 p.

UKRAINE—ROADSIDE IMPROVEMENT
Roadside ponds and reservoirs. I Fetsovich Avt dor 25 no 11-20 N '62

UKRAINE—RURAL CONDITIONS
New customs and rites. O. Havryliuk. Volov. ateist no. 8-24-26 Ag '62.

UKRAINE—RUSSIAN SOCIAL DEMOCRATIC PARTY
"The labor movement in the Ukraine in the period of imperialism, collected articles" Reviewed by P.M. Shmorgun Vop ist. no 12 123-124 D '62.

UKRAINE—SCHOOL MANAGEMENT AND ORGANIZATION
What a school system should be like. A. Saiko and others. Rad. shk. 41 no. 9:60-65 S '62.

UKRAINE—SCHOOL MUSIC—INSTRUCTION AND STUDY
More on singing lessons. I.IA. Derazhne, P.O. Rudchenko. Rad. shk. 41 no. 9:70-71 S '62.

UKRAINE—SECTS
Exhibited articles show the real face of religious sects. M. Trotsenovs'kyi Volov. ateist no 7,34-36 Jl '62.

UKRAINE—SIMMENTHAL CATTLE
Meat quality of Simmenthal cattle of various constitutional types. IU.D. Ruban. Nauch. trudy Zootekh. fak Khar. zoovet. inst. 11 '62.

UKRAINE—SLAVIC STUDIES
The Fifth Conference of Ukrainian Slavists. G.V. Bozhuk Ukr. ist. zhur. 6 no. 6:148-149 N-D '62.

UKRAINE—SLAVIC STUDIES—CONGRESSES
Conference of Ukrainian Slavists. Ukr. mova v shkoli 12 no. 6:99-01 N-D '62.

UKRAINE—SOCIAL GROUP WORK
Some problems concerning cultural and educational work in Ukrainian rural areas during the collectivization of agriculture, 1929-1932. O.O. Mykhailov. Ukr. ist. zhur 6 no. 6:65-75 N-D '62

UKRAINE—SOCIALIST COMPETITION
Biellavin, F.K. [Party guidance of socialist competition in rural areas, 1953-1960] Partiine kerivnytstvo sotsialistychnym zmahanniam na seli, 1953-1960 rr. Kyiv, Gospolitizdat, USSR, 1961. 69 p.

UKRAINE—SOIL SCIENCE—CONGRESSES
Second All-Union Congress of Soil Science Delegates. H.M. Sambur. Visnyk sil'hosp. nauky 5 no. 11:120-121 N '62.

UKRAINE—SORGHUM—DISEASES AND PESTS
Bacterial stalk rot of sorghum, corn and sudan grass in the Ukraine [with summary in English] L.T. Pastushenko Mikrobiol. zhur 24 no. 2:34-39 '62

UKRAINE—SORGHUM—HARVESTING
Effect of harvesting dates on the germination and viability of sorgo seeds. V.I. Taranenko. Visnyk sil'hosp. nauky 5 no 11:50-53 N '62.

UKRAINE—SOVIETS
Some problems in the history of the soviets in the Ukraine in 1917. IU.M. Gamretskii. Vop. ist. no. 11: 124-134 N '62.

UKRAINE—SOYBEAN
Sowing corn along with soybean as the possibility of accumulating proteins in feeds. A.N. Klechetov, M.F. Volkova, E.P. Saenko. Nauch. trudy Zootekh. fak. Khar. zoovet. inst. 11:135-136 '62.

UKRAINE—SPRUCE
Spruce stands as an example of highly productive plantations in the Ukraine. K.IE. Nikitin. Nauk. pratsi Lisohosp. fak. UASHN 16 no. 6 119-126 '60

UKRAINE—STANDARDS, ENGINEERING
Ukraine Gosudarstvennaia planovaia komissiia [Index of technical specifications for the Ukrainian S.S.R. as of January 1, 1961] Ukazatel' respublikanskikh tekhnicheskikh uslovii USSR, po sostoianiiu na 1 ianvaria 1961 goda. Izd ofitsial'noe. Kiev, Otdel novoi tekhniki nauchno-issl. i proektnykh organizatsii. Podotdel standartov, 1961. 74 p
[MICROFILM]

UKRAINE—STOCK AND STOCKBREEDING
Output of livestock products and the reduction of their costs on state farms in the Ukrainian S.S.R. V.D. IAroshenko Nauch. trudy Zootekh. fak. Khar. zoovet. inst. 11 11-17 '62

UKRAINE—STOCK AND STOCKBREEDING—ACCOUNTING
Accounting for raising and fattening cattle on specialized farms. A.K. Stukalenko Uchet i fin. v kolkhoz i sovkhoz 10 no. 12 9-12 D '62.

UKRAINE—STRAWBERRY BREEDING
Effect of sowing dates on the everbearing and frost resistance characteristics of strawberry seedlings O.I. Denyshuk Visnyk sil'hosp nauky 5 no. 11 87-90 N '62.

UKRAINE—STRIPE RUST
Infection of winter wheat with stripe rust. M.I. Bromfelev. Visnyk sil'hosp. nauky 5 no. 10 80-81 O '62.

UKRAINE—STUDENTS ACTIVITIES
Success is born in work. V. Nosova IUn tekh 7 no 11:16-17 N '62.

UKRAINE—SUDAN GRASS—DISEASES AND PESTS
Bacterial stalk rot of sorghum, corn and sudan grass in the Ukraine [with summary in English] L.T. Pastushenko Mikrobiol. zhur 24 no 2:34-39 '62

UKRAINE—SYRUPS
Vitamin-rich fruit and berry sirups. B.D. Ignat'ev. Nauch. trudy Ukr. nauch.-issl. inst. sad. no. 38:150-156 '62.

UKRAINE—TEACHING
Let's develop in students an interest in knowledge. Maksim Ryl'skyi and others. Rad. shk. 41 no. 9:6-28 S '62.
Let's relieve students from monotonous and excessive homework. M.F. Sikach. Rad. shk. 41 no. 9:66-69 S '62.

UKRAINE—TEXTBOOKS
Contribution of our publishing house to schools. B.K. Honcharenko. Rad. shk. 41 no. 9:54-57 S '62.

UKRAINE—THEATER
The curtain has been lifted. Ukraina no. 20:12-13 O '62.
On the province stage. M. Kornilov. Teatr 23 no. 11: 99-106 N '62.

UKRAINE—TOURISTS, AMERICAN
Paul White was surprised. Volodymyr Lehkostup. Ukraina no 24:21-23 D '62.

UKRAINE—TRANSPORTATION, AUTOMOTIVE
Efficiency of voluntary inspection. Avt. transp. 40 no. 12 46 D '62.

UKRAINE—TURPENTINING
Turpentining in the forests of the Ukraine. V.I. Didkovs'kyi. Nauk. pratsi lisohosp. fak. UASHN 16 no. 6:159-162 '60.

UKRAINE—VISITORS, FOREIGN
Ekhorov, IU. Ie. [Foreign visitors on the Soviet Ukraine] Zarubizhni hosti pro Radians'ku Ukrainu. Kyiv, 1963. 54 p. (Tovarystvo dlia poshyrennia politychnykh i naukovykh znan' Ukrains'koi RSR. Seriia IV, no. 7)

UKRAINE—VOCATIONAL GUIDANCE
Important objective of schools is to help students in their choice of a vocation. L.I. Didenko, O.S. Tatenko. Rad. shk. 41 no. 9:29-33 S '62.

UKRAINE—WHEAT
Corn as a predecessor to winter wheat in the western forest steppe of the Ukraine. D.I. Kalashnyk. Visnyk sil'hosp. nauky 5 no. 11:41-46 N '62.

UKRAINE—WHEAT—DISEASES AND PESTS
Damage by the Hessian fly to the winter wheat crop. A.A. Danilluk. Zashch. rast. ot vred. i bol. 8 no. 8:8-9 Ag '61.

UKRAINE—WHEAT—FERTILIZERS AND MANURES
Effect of various forms of phosphorus fertilizers on the yield of winter wheat in the steppe zone of the Ukraine. I.K. Artiukhov, H.H. Duda. Visnyk sil'hosp nauky 5 no. 11:30-34 N '62.

UKRAINE—WHEAT RUSTS
Infection of winter wheat with stripe rust. M.I. Bromfelev. Visnyk sil'hosp. nauky 5 no. 10.80-81 O '62.

UKRAINE—WOOD CARVING
History of wood carving in the Ukraine, 5th century B.C. to the 12th century A.D. A.F. Budzan Pratsi UDMI KHP no. 6:56-66 '61.

UKRAINE—WORLD WAR, 1939-1945
Early history of the liberation of the Soviet Ukraine from German fascists, December 1942. I.I. Slyn'ko Ukr. ist. zhur. 6 no. 6 136-140 N-D '62.
How we are preparing the publication of "The Ukrainian S.S.R. during the Great Patriotic War of the Soviet Union, 1941-1945," a monograph in three volumes I.D. Nazarenko. Ukr. ist zhur. 6 no 6 22-26 N-D '62.

UKRAINE—WORLD WAR, 1939-1945—UNDERGROUND MOVEMENT
The role of landing groups in the development of the underground movement in the Ukraine V.D. IAtsenko Ukr. ist. zhur. 6 no. 6:95-98 N-D '62

UKRAINE, WESTERN—CARP
Spongillidae as fish food in carp ponds [with summary in English]. P.D. Rezvoi, N.S. IAlynskaia. Zool. zhur. 41 no. 10:1567-1568 O '62.

UKRAINE, WESTERN—CATHOLIC CHURCH (BYZANTINE RITES)
Falsifiers from Vatican City. P. Buniachenko. Volov. ateist no 6,35-37 Je '62
How "eminent fathers" "helped" the city of Ternopol. I. Dinchenko. Volov. ateist no. 11:50-51 N '64.
A "nightingale in the cassock." V. Bielilaev. Volov. ateist no 7:48-56 Jl '62
Secrets of Metropolitan Sheptyts'kyi (to be concluded). S. Danylenko. Volov. ateist no. 6 46-51 Ag '62.
Sheptits'kyi's secret. S. Danylenko. Volov. ateist no. 9: 10-44 S '62.
"The Uniat Church is the enemy of the Ukrainian people" by D.I. Pokhylevych Reviewed by M. Kovalenko Volov ateist no. 6:61-62 Je '62

UKRAINE, WESTERN—POTTERY
Faience of the western lands of the Ukraine of the pre-Soviet period. L.V. Dolins'kyi. Pratsi UDMI'KHP no. 6:45-57 '61.

UKRAINE, WESTERN—RURAL CONDITIONS
[New look of Western Ukrainian villages] Selo minule svoie oblichchia. L'viv, Knyzhkove-zhurnal'ne vyd-vo, 1960. 68 p.

UKRAINE, WESTERN—SPONGILLIDAE
Spongillidae as fish food in carp ponds [with summary in English]. P.D. Rezvoi, N.S. IAlynskaia. Zool. zhur. 41 no. 10:1567-1568 O '62.

UKRAINE, WESTERN—WORLD WAR, 1939-1945
A "nightingale in the cassock." V. Bielilaev. Volov. ateist no. 7:48-56 Jl '62.

UKRAINIAN FOLKLORE see Folklore, Ukrainian

UKRAINIAN LANGUAGE—ADVERB
System of exercises during the study of adverbs. L.M. Marchenko. Ukr. mova v shkoli 12 no. 6:50-56 N-D '62.

UKRAINIAN LANGUAGE—CLAUSES
Stylistic use of subject clauses. L.O. Bilalenko. Ukr. mova v shkoli 12 no. 6:11-13 N-D '62.

UKRAINIAN LANGUAGE—DICTIONARIES
The first Ukrainian dictionary. M. Vizyr. Ukraina, no 24:15 D '62

UKRAINIAN LANGUAGE—GRAMMAR
Grammar problems. O.A. Petrova'ka. Ukr. mova v shkoli 12 no. 6:33-36 N-D '62.

UKRAINIAN LANGUAGE—ORTHOGRAPHY
Spelling exercises during work on the topic "word structure." V.O. Lolova'ka. Ukr. mova v shkoli 12 no. 6.44-50 N-D '62.

UKRAINIAN LANGUAGE—PARTICLES
Particles in the Ukrainian language. N.O. Kryzhanivs'ka. Ukr. mova v shkoli 12 no. 6:7-10 N-D '62.

UKRAINIAN LANGUAGE—PERIODICALS
Conference of our readers in Izyum. Ukr. mova v shkoli 12 no. 6:92-93 N-D '62.
Discussing the work of our periodical at a seminar of the heads of language and literature study rooms. Ukr. mova v shkoli 12 no. 6:91-92 N-D '62.

UKRAINIAN LANGUAGE—LEXICOGRAPHY
"Outline history of Ukrainian lexicography" by A.A. Moskalenko. Reviewed by IE.S. Rehushevs'kyi, M.M. Pylyns'kyi. Ukr. mova v shkoli 12 no. 6:88-90 N-D '62.

UKRAINIAN LANGUAGE—SENTENCES
Working on the development of speech during the study of the topic "Complex sentences." L.P. Rozhylo. Ukr. mova v shkoli 12 no. 6:57-63 N-D '62.

UKRAINIAN LANGUAGE—STUDY AND TEACHING
Editor's mail. N.S. Olinyk, B.I. Kravchyshyn, F. Bondariv. Ukr. mova v shkoli 12 no. 6:80-82 N-D '62.
Let's give more attention to the work of language teachers. M.I. Melnyk Ukr. mova v shkoli 12 no. 6 75-78 N-D '62
Teacher's skill is the main thing O.F. Teslia. Ukr. mova v shkoli 12 no. 6 78-79 N-D '62.

UKRAINIAN LITERATURE see subdivision under Czechoslovakia

UKRAINIAN LITERATURE—BIBLIOGRAPHY see Bibliography—Ukrainian literature

UKRAINIAN LITERATURE—HISTORY AND CRITICISM (see also subdivision under Transcarpathia)
"Godless defenders of God; antireligious subjects in Ukrainian literature" by P.M. Dovhaliuk Reviewed by M. Kovalenko. Volov. ateist 3 no. 12 58-61 D '62
"Literary criticism and articles" by O. Zasenko. Reviewed by P.I. Kolesnyk. Rad. lit 6 no. 6 137-139 N-D '62.
Ohloblyn-Hlobenko, Mykola. [Literary life in the Soviet Ukraine, prose from 1920 to 1930] Literaturne zhyttia na Pidsovets'kii Ukraini, proza 1920-1930 rokiv [Munich] Vyd. Spilky Ukr. molodi [1952] 31 p. (Biblioteka molodi, no. 1) [Publ. under author's pseud. M. Hal'chuk] (IU)
Olexandrowycn, Mykola. [Maiklan Shashkevych, the renaissance of Ukrainian literature in Galicia] Maiklan Shashkevych, ukrains'ke literaturne vidrozhdennia v Halychyni 2, dop. vyd. Toronto, Ukr. vyd-vo "Dobra knyzhka," 1961 60 p. (no. 174)
Theoretical struggle in Ukrainian criticism of the civil war period. L.M. Kovalenko. Rad. lit 6 no. 6 31-48 N-D '62.

UKRAINIAN LITERATURE—PERIODICALS
"Radians'ke literaturoznavstvo," no. 4, 1962 Vop. lit 6 no. 11 240 N '62.

UKRAINIAN PAINTERS see Painters, Ukrainian

UKRAINKA, LESIA, 1871-1913
Epithets in the lyric poetry of Lesia Ukrainka. L.P. Rozhylo. Rad. lit. 6 no. 6 67-75 N-D '62.
Love and hatred. M. Mykhailiuk. Volov. ateist 3 no. 12, 55-56 D '62.

ULTRABASITE see subdivision under Ural Mountains

ULTRASONIC TESTING
Pflaumer, O.E. [Principles and practice of ultrasonic testing of concrete] Osnovy i praktika ul'trazvukovykh ispytanii betona. Moskva, Gosstroiizdat, 1962. 39 p.
Testing the solidity of concrete by ultrasonics S. Korotkov, E. Koskin Na stroi. Ros. 3 no. 8 28-30 Ag '62

ULTRASONIC WAVES
Elastic waves of finite amplitude in solid bodies and deviations from Hooke's law [with summary in English]. A.A. Gedroits, V.A. Krasil'nikov. Zhur. eksp. i teor. fiz. 43 no. 5 1591-1599 N '62.
Theory of strengthening ultrasonic waves. P.S. Zyrianov, G.G. Taluts. Fiz. met. i metalloved. 14 no. 2 287-288 Ag '62.

ULTRASONIC WAVES—INDUSTRIAL APPLICATIONS
Portable ultrasonic apparatus for cleaning dental drills. A.S. Putilin, Iu.E. Riabets. Med. prom. 16 no. 6 45-46 Je '62.
Rozenberg, L.D., and others. [Ultrasonic cutting] Ul'trazvukovoe rezanie. Moskva, Izd-vo Akad. nauk SSSR, 1962 251 p.
Ultrasonic welding of honeycomb constructions. B.V. Savchenko, V.A. Kuznetsov. Svar. proizv. no. 12 19-20 D '62.

ULTRASONICS
New electrophysical devices for the structural testing of buildings. N.I. Kostikov, V.A. Morozov. Gor. khoz. Mosk. 36 no. 10 41-45 O '62.

ULTRAVIOLET RAYS—PHYSIOLOGICAL EFFECT
Effect of ultraviolet irradiation on some physical characteristics of the protein of a hen's egg H.A. Kodvnets'. Visnyk sil'hosp. nauky 5 no. 11 66-69 N '62
Effect of ultraviolet rays on metabolism in cows. A.I. Shcherbyna Visnyk sil'hosp. nauky 5 no. 10 107-110 O '62.
Role of the pigmentation of the wool cover in the protection of the organism against excessive ultraviolet radiation [with summary in English] V. Fliak Izv. TSKhA no. 4 228-232 '62.

ULU-TAU—GEOLOGY, STRATIGRAPHIC
New data on the stratigraphy of Cambrian and Lower Ordovician sediments in the southern Ulu-Tau. V.M. Dobrynin, E.M. Sigitova. Mat. po geol. i pol. iskop. TSentr. Kazakh. no. 2 3-10 '62.

UL'YANOVKA REGION—PLANTS, PROTECTION OF
In the zone of the activity of the Ul'yanovka Regional Administration IU.N. Neipert Zashch. rast. ot vred. i bol. 7 no. 8 10-12 Ag '62

UL'YANOVSK PROVINCE—BOARDING SCHOOLS
At a school desk, in the fields, and at a machine. N. Koshelev. Sov. deput. trud. no. 12 34-36 D '62.

UL'YANOVSK PROVINCE—FOREST MANAGEMENT
Small mixed brigades in improvement cuttings, from practices in the application of new technological methods M. Buzoverov Les khoz. 15 no. 10 28-30 O '62

UMAN'—COMMUNIST YOUTH LEAGUE
Hand in hand with the Communist Youth League. A. Belokon'. Voen. znan. 38 no. 12 20-21 D '62

UMAN'—MILITARY EDUCATION
Hand in hand with the Communist Youth League. A. Belokon'. Voen. znan. 38 no. 12 20-21 D '62

UMBELLIFERAE see subdivision under Kazakhstan

UNDERDEVELOPED AREAS (see also subdivision under Africa)
"Aid and cooperation in the name of peace" by S. Skachkov, V. Sergeev, G. Shevlakov. Reviewed by V. Surovov. Az. i Afr. segodnia no. 11 57 N '62.
The Great October Revolution and the destiny of the peoples of Asia and Africa. I. Plyshevskii. Az. i Afr. segodnia no. 11 2-4 N '62.
International foreign exchange and financial organizations are the tools of neocolonialism K. Chizhov. Fin. SSSR 23 no. 11 86-93 N '62.
The international socialist division of labor and the underdeveloped areas. A. Kodachenko. Az. i Afr. segodnia no. 12 22-24 D '62.

UNDERDEVELOPED AREAS—COMMERCE—GERMANY, WEST
Kachalin, V.M. [Theory and practice of West-German colonialists] Teoriia i praktika zapadnogermanskikh kolonialistov. Moskva, Izd-vo IMO, 1962. 270 p.

UNDERDEVELOPED AREAS—COMMERCE—POLAND
Poland; achievements and perspectives. Adam Kruczkowski. Mezhdunar. zhizn' 10 no. 1 92-95 Ja '63.

UNDERDEVELOPED AREAS—FOREIGN ECONOMIC RELATIONS—CZECHOSLOVAKIA
Czechoslovakia, vital foreign trade problems. J. Kohout, R. Wagner. Mezhdunar. zhizn' 10 no. 1 80-82 Ja '63.

UNDERDEVELOPED AREAS—FOREIGN ECONOMIC RELATIONS—GERMANY, WEST
"The colonial empire of West Germany; the character, special features and methods of West German neocolonialism" [in German] by Paul Friedlaender, Hartmut Schilling. Reviewed by B. Potapovskii. Az. i Afr. segodnia no. 11 59 N '62.

UNDERGROUND CONCRETE CONSTRUCTION see subdivision under Poland; Rumania

UNDERGROUND CONSTRUCTION
Construction of pit-type sunken tanks. V.A. Zakharov. Prom. stroi. no. 10 19-21 '62.
Replies to our readers. Sov. profsoiuzy 18 no. 22 40 N '62.
Underground piping network in a microdistrict. A. Cheremisova. Arkhit. SSSR no. 7 38-40 '62.

UNDULANT FEVER see Brucellosis

UNEMPLOYED see subdivision under Canada, United States

UNION CATALOGS see Catalogs, Union

UNION OF SOVIET SOCIALIST REPUBLICS see Russia

UNITED ARAB REPUBLIC—POLITICS AND GOVERNMENT
Pliasun, IA.H. [Governmental system of the United Arab Republic, February, 1958-September, 1961] Derzhavnyi ustrii OAR, liutyi 1958 r. -veresen' 1961 r. Kyiv, Vyd-vo AN URSR, 1962. 118 p.

UNITED NATIONS
Filimonau, M.IA. [Reportage from a foreign land] Reportiazh z chuzhoi ziamli. Minsk, Derzhvydvo BSSR, 1962. 225 p.
"News stories from a foreign country" by M. Filimonau. Reviewed by M. Dosin. Belarus' 10 no. 12, 30 p. '62.
"The Organization of United Nations; basic international characteristics of its structure and work" by G.I. Morozov. Reviewed by S. Moloshnov. Kommunist 39 no. 1 126-127 Ja '63.

UNITED NATIONS—PRIVILEGES AND IMMUNITIES
"Legal problems arising from the fact that the United Nations is in the U.S.A." by O.V. Bogdanov. Reviewed by G. Morozov. Mezhdunar. zhizn' 10 no. 1 159-161 Ja '63.

UNITED STATES—AGRICULTURE—ECONOMIC ASPECTS
Zaitsev, N.S. [Exploitation of small and average farmers by financial capital in the U.S.A. after the Second World War] Ekspluatatsiia melkikh i srednikh fermerov finansovym kapitalom SShA posle Vtoroi Mirovoi voiny. Moskva, Gos. izd-vo "Vysshaia shkola," 1962. 70 p.

UNITED STATES—ARMED FORCES—FOREIGN COUNTRIES
United States Far Eastern strategy and its Armed Forces in Japan (to be continued). Mezhdunar. zhizn' 10 no. 1 170-171 Ja '63.

UNITED STATES—ASTRONAUTICS
Pentagon's space program. B. Teplinskii. Mezhdunar. zhizn' 10 no. 1 73-82 Ja '63.

UNITED STATES—ATOMIC POWER PLANTS
Atomic power plants in the United States Atom. energ. 13 no. 6 509-511 D '62.

UNITED STATES—ATOMIC WEAPONS—TESTING
Disturbance in the atmosphere. M. Arkad'ev. Agitator no. 12, 27-28 Je '62.

UNITED STATES—BUSINESSMEN
The crisis of "American efficiency and enterprise" [with summary in English, p. 106]. M.A. Zaimovskaia Vop. filos. 16 no. 11 102-114 '62.

UNITED STATES—DENTAL CLINICS
Technical equipment in stomatological clinics in the U.S.A. V.F. Chekin. Med. prom. 16 no. 6 46-53 Je '62.

UNITED STATES—DESCRIPTION AND TRAVEL
Baruzdin, S.A. [Account of a trip to the U.S.A.] Rasskaz o poezdke v SShA. Moskva, Izd-vo "Sovetskaia Rossiia," 1962. 62 p.
Filimonau, M.IA. [Reportage from a foreign land] Reportiazh z chuzhoi ziamli. Minsk, Derzhvydvo BSSR, 1962. 225 p.
"News stories from a foreign country" by M. Filimonau. Reviewed by M. Dosin. Belarus' 10 no. 12 30 D '62.

UNITED STATES—DISABILITY EDUCATION
They spy on cripples. B. Zubkov. Okhr. truda i tekh. strakh. 5 no. 11 47 N '62

UNITED STATES—ECONOMIC POLICY
Government expenditures and the market problem in the U.S.A. K. Kamushev. Mir. ekon. i mezhdunar. otn. no. 12 38-48 D '62.

UNITED STATES—EDUCATION
The American educational system in a blind alley. Agitator no. 11 35 Je '62.

UNITED STATES—ELECTRIC POWER PLANTS
ORGRES, trust, Moscow. [American thermal electric power plants with high and super-high parameters. Translated from the English] Amerikanskie teplovye elektrostantsii vysokikh i sverkhvysokikh parametrov. Perevody statei pod obshchei red. L.B. Kirilla. Moskva, Gosenergoizdat, 1962. 63 p. (Energetika za rubezhom)

UNITED STATES—EUROPEAN WAR, 1914-1918
Gershov, Z.M. ["Neutrality" of the U.S.A. during the First World War] "Neitralitet" SShA v gody Pervoi mirovoi voiny. Moskva, Sotsekgiz, 1962. 243 p.

UNITED STATES—EXECUTIVES
Top managers and their place in the system of monopoly capital. S. Menshikov. Mir. ekon. i mezhdunar. otn. no. 12 16-27 D '62.

UNITED STATES—FINANCE
Reproduction and utilization of fixed capital in the manufacturing industry of the U.S.A. G. Naidenov. Mir. ekon. i mezhdunar. otn. no. 12 105-112 D '62.

UNITED STATES—FINISHES AND FINISHING
Polyester coatings (from "Wood and Wood Products," no. 4, 1962). Der. prom. 11 no. 11 31 N '62.

UNITED STATES—FOOD, CANNED—CONTAINERS
New developments in the manufacture of canned food containers in the United States (from "Canning Trade," Ja, no 27) V N Skorobogatov Konservn prom 17 no 12 33-34 D '62.

UNITED STATES—FOREIGN ECONOMIC RELATIONS—HAITI
How an English periodical defends American colonizers A S Koval'skaia. Vop ist no 12 177-178 D '62

UNITED STATES—FOREIGN ECONOMIC RELATIONS—LATIN AMERICA
Revolutionary movement in Latin America and the policy of the U S A IA Grigor'ev Vop. ist no 12 178-179 D '62

UNITED STATES—FOREIGN RELATIONS—CUBA
"The Cuba story" [in English] by Herbert L. Matthews. Reviewed by V. Poliakov. Mezhdunar. zhizn' 10 no. 1:154-157 Ja '63.

UNITED STATES—FOREIGN RELATIONS—EUROPE, WESTERN
European horizons of the Kennedy Government. B. Marushkin. Mezhdunar. zhizn' 10 no. 1:53-61 Ja '63.

UNITED STATES—FOREIGN RELATIONS—GERMANY
What Americans ought not to forget. L. Bezymenskii. Nov. vrem 20 no 50:16-21 D '62.

UNITED STATES—FOREIGN RELATIONS—GREAT BRITAIN
England during the days of the Cuban crisis. Koni Zilliacus. Nov vrem. 20 no. 50,3-4 D '62.

UNITED STATES—FUEL PUMPS
Modifications of fuel pumps manufactured by the American Bosch Company. E. N. Andreeva. Trakt. i sel'khozmash 31 [i.e 32] no. 11:45-46 N '62.

UNITED STATES—FUEL RESEARCH
Invention or mistification? L Vasilevskii. Tekh mol 30 no 10 24-25 '62

UNITED STATES—GLACIAL EPOCH
The ice sheet; investigations by American geologists. R. F. Flint. Priroda 51 no.12:31-38 D '62.

UNITED STATES—HISTORIOGRAPHY
A U. S. scholar admits the crisis of American bourgeois historiography O. S. Soroko Vop ist no 12 181-182 D '62.

UNITED STATES—INDUSTRIES
Reproduction and utilization of fixed capital in the manufacturing industry of the U.S.A. G. Naidenov. Mir. ekon. i mezhdunar. otn. no. 12:105-112 D '62.

UNITED STATES—INTELLIGENCE SERVICE
The secret headquarters of American colonialism. D. Vol'skii. Az. i Afr. seg. no. 11 16-18 N '62.

UNITED STATES—JUDICIAL ERROR
Eleven errors and their conclusion in the gas chamber. N. Gin'skii Sov. just. no. 11:24-25 Je '62.

UNITED STATES—LABOR AND LABORING CLASSES
Kats, A. I. [Condition of the U. S. proletariat under imperialism] Polozhenie proletariata SShA pri imperializme. Moskva, Izd-vo Akad. nauk SSSR, 1962. 603 p.
"The U S. labor movement during the world economic depression of 1929-1933" by V. L. Mal'kov. Reviewed by E. F. IAz'kov Vop ist no 12:140-142 D '62

UNITED STATES—LAWYERS
"Litigants." F. Kamenskii. Sov. just. no. 8:30-31 Ap '62.

UNITED STATES—MATCH INDUSTRY—EQUIPMENT AND SUPPLIES
Device for inspecting the quality and sorting of veneer sheets in the match industry (from "Woodworking industry," 10, no. 5, 1962). Der. prom. 11 no. 11:32 N '62.

UNITED STATES—MOTION-PICTURE PLAYS
How the dead return to life. B. Leont'ev. Isk. kino no. 12:77-78 D '62.
"Sunset Boulevard." A. Kukarkin. Isk. kino no. 12:146-146 D '62.

UNITED STATES—MOTION PICTURES—PRODUCTION AND DIRECTION
On the "significance of motion-picture art", the New York school of American motion-pictures, and the article by Gideon Bachmann. N. Abramov. Isk. kino no. 11: 143-147 N '62.
Significance of motion-picture art. Gideon Bachman. Isk. kino no. 11:138-142 N '62.

UNITED STATES—NEGROES
In the neighborhood of the White House. Albert Kan. Mol. mira no. 5/6:22-24, 33 '62.

UNITED STATES—OIL WELLS—EQUIPMENT AND SUPPLIES
Device for controlling the tightness of the casing head top. E. Greft. Neftianik 7 no. 5:31 My '62.

UNITED STATES—PARAFFINS
Consumption of paraffin in the United States. N. Pinagin Neftianik 7 no 5 31 My '62.

UNITED STATES—PEACE—SOCIETIES, ETC.
The peace movement and American "liberals." M S Arnoni Nov vrem 20 no 52 11-13 D '62

UNITED STATES—PETROLEUM GEOLOGY—CONGRESSES
Forty-seventh Annual Conference of the American Association of Petroleum Geologists. V. Dobrynin Geol. nefti i gaza 6 no 12:58-59 D '62.

UNITED STATES—PUBLIC OPINION POLLS
Gallup Institute. Mezhdunar zhizn' 10 no. 1:180-181 Ja '63.

UNITED STATES—RACE QUESTION
Burning crosses. Votov. ateist no. 11:58 N '62.

UNITED STATES—RELATIONS (GENERAL) WITH JAPAN
In order to preserve the rule of monopolies. V Gribnin. Az. i Afr. seg. no. 12:56 D '62.

UNITED STATES—RELATIONS (MILITARY) WITH SOUTHEASTERN ASIA
"The U.S.A. and SEATO" by S. M. Nesterov. Reviewed by N.S. Merzliakov. Vop. ist. no. 11 156-156 N '62.

UNITED STATES—RUSSIAN STUDIES
Danilova, L. V., B. I. Marushkin, and M. G. Pankratova. [Bourgeois historians in the service of anticommunism] Burzhuaznye istoriki na sluzhbe antikommunizma. Moskva, Izd-vo "Znanie," 1962. 31 p. (Novoe v zhizni, nauke, tekhnike. I Seriia Istoriia, no. 24)

UNITED STATES—SMALL BUSINESS
The "small business" problem in the U.S.A. IU. Kochevrin. Mir. ekon. i mezhdunar. otn. no. 12 90-92 D '62.

UNITED STATES—SOCIAL CONDITIONS
Brovchenkov, A. E. [The West; claims and reality] Zapad; reklama i deistvitel'nost'. Moskva, Gospolitizdat, 1962. 221 p.

UNITED STATES—SOCIAL PROBLEMS
The crisis of "American efficiency and enterprise" [with summary in English, p. 166]. IU. A. Zamoshkin. Vop. filos. 16 no. 11:102-111 '62.

UNITED STATES—SOCIOLOGY
Bakhtiov, M. Sh. [American functional theory of society, historical materialism and the bourgeois sociological theory of structural functionalism] Amerikanskaia funktsional'naia teoriia obshchestva; istoricheskii materializm i burzhuaznaia sotsiologicheskaia teoriia strukturnogo funktsionalizma. Moskva, Izd-vo "Znanie," 1962. 44 p. (Novoe v zhizni, nauke, tekhnike. II Seriia. Filosofiia, no. 24)

UNITED STATES—STOCK EXCHANGE
Typhoon on the stock market. A. Grigor'iants. Agitator no. 12:29 Je '62.

UNITED STATES—THEATER
Stanislavskii and the American theater. N. Minta. Teatr 23 no. 12:101-106 D '62.

UNITED STATES—TOMATOES
Cultivation of tomatoes in the U. S. A [with summary in English]. D D Brezhnev. Trudy po prikl. bot., gen. i sel 31 no 2:171-182 '61.

UNITED STATES—TRUSTS, INDUSTRIAL
Zaitsev, N. S. [Exploitation of small and average farmers by financial capital in the U. S. A. after the Second World War] Ekspluatatsiia melkikh i srednikh fermerov finansovym kapitalom SShA posle Vtoroi Mirovoi voiny. Moskva, Gos. izd-vo "Vysshaia shkola," 1962. 70 p.

UNITED STATES—UNEMPLOYED
Special features of unemployment in the U. S. A. at the present stage. I. E. Rudakova. Vest. Mosk. un. Ser. 8: Ekon., filos. 17 no. 6:44-51 N-D '62.

UNITED STATES—UNITIZED CARGO SYSTEMS
Container transportations in the merchant marine of the United States. A. Perrote. Mor. flot 22 no. 12:43-44 D '62.

UNITED STATES—VENEERS AND VENEERING
Plant for the manufacture of peeled veneer sheets (from "Wood and Wood Products," no. 4, 1962). Der. prom. 11 no. 11:31 N '62.

UNITED STATES—WOMEN AND PEACE
Women, strike for peace! Ava Helen Pauling. Zhen. mira no 3:27 '62.

UNITIZED CARGO SYSTEMS see subdivision under United States

UNITS
The international system of units and its use in assembly practice in construction. L. R. Statskii. Mont. i spets. rab. v stroi. 24 no. 11 22-26 N '62.

UNIVERSE see Cosmogony

UNIVERSITIES AND COLLEGES
List of institutions of higher learning training accountants and economists. Uchet i fin. v kolkhoz. i sovkhoz. 10 no. 12 51-52 D '62.

UNIVERSITIES AND COLLEGES—BUILDINGS see subdivision under Moscow

UNJUST ENRICHMENT
Civil law measures should also be used in our struggle against looters. S. P. Cherniakas. Sov. gos. i pravo 32 no. 12:144-145 D '62.

UNSATURATED COMPOUNDS
Addition of hem-dihaloalkanes to unsaturated nitro compounds. I. S. Ivanova, IU. V Konnova, S. S Novikov. Izv. AN SSSR, Otd. khim. nauk no. 11:2078-2079 N '62
Hydrogenation of unsaturated compounds at constant concentration G. I. Grabenkina, D. V. Sokol'skii. Trudy Inst. khim. nauk AN Kazakh SSR 6:81-88 '62.

UPITS, ANDREJS, 1877-
Oto Upita. A. M. Polomal. Rad. lit. 6 no. 6:76-81 N-D '62.

URAL MOUNTAIN REGION—BAUXITE—MAPS
Methodology of compiling maps of the prospects and metallogeny of Cretaceous bauxites in the trans-Ural region and the Turgay Plain. A. K Gladkovskii Trudy Gor.-geol. inst. UFAN SSSR no. 58:207-219 '62

URAL MOUNTAIN REGION—GEOLOGY
Structural-facies zones in the Cambrian of the Arctic and subarctic Urals. V. N. Maiashevskii, N. I. Popovich. Mat. VSEGEI no. 67 81-94 '61.

URAL MOUNTAIN REGION—GEOLOGY, ECONOMIC
Tectonic regularities in the location of minerals in the Mesozoic on the eastern slope of the Urals and in the trans-Ural region. N. I. Arkhangel'skii. Zakonom. razm. polezn. iskop. 5 464-482 '62.

URAL MOUNTAIN REGION—LABOR AND LABORING CLASSES
Riabukhin, F. I. [Bolshevik organizations and the workers' movement in the Ural Mountain Region, 1907-1914] Bol'shevistskie organizatsii i rabochee dvizhenie v Priural'e, 1907-1914 gg.; po materialam Viatskoi gubernii. Glazov [Glazovskii pedagog. in-t] 1960. 159 p.
(MII)

URAL MOUNTAIN REGION—LAMELLIBRANCHIATA, FOSSIL
Some Middle Devonian pelecypods in the western slope of the Arctic Urals. V. F. Kulikova. Mat. VSEGEI no. 67:153-174 '61.

URAL MOUNTAIN REGION—MACHINERY INDUSTRY
Hundreds of volunteer helpers. V. Chernukhin. Sov. profsoiuzy 18 no. 23:20-22 D '62.

URAL MOUNTAIN REGION—MEDICINE, INDUSTRIAL
Hundreds of volunteer helpers. V. Chernukhin. Sov. profsoiuzy 18 no. 23:20-22 D '62.

URAL MOUNTAIN REGION—PALEONTOLOGY—PALEOZOIC
Finds and the stratigraphic distribution of vertebrates in the Paleozoic of northern Urals and the Timan Ridge. N. V. Kalnashnikov. Izv Komi fil. Geog ob-va SSSR no. 7 37-44 '62.

URAL MOUNTAIN REGION—RAILROADS—STATIONS
Experience in the reconstruction and building of railroad stations in the Urals and North Kazakhstan. V. Rabinovich, V. Bezrukov. Arkhit. SSSR no. 11:15-17 '62.

URAL MOUNTAIN REGION—REVOLUTION, 1917-1921
[The struggle for the victory of the October Socialist Revolution in the Ural Mountain Region] Bor'ba za pobedu Oktiabr'skoi sotsialisticheskoi revoliutsii na Urale. [Obshchaia red. prinadlezhit F. P. Bystrykh. Sverdlovsk] Sverdlovskoe knizhnoe izd-vo, 1961. 423 p.
CSt-H [DLC MICROFILM]

URAL MOUNTAIN REGION—ROCKS, IGNEOUS—MAGNETIC PROPERTIES
Experience in determining the age of volcanic rocks by measuring natural residual magnetization, problem of the presence of the Cambrian in the Arctic Urals. IU. B. Evdokimov, A. G. Komarov. Mat. VSEGEI no. 67:95-99 '61.

URAL MOUNTAIN REGION—RUSSIAN SOCIAL DEMOCRATIC PARTY
Riabukhin, F. I. [Bolshevik organizations and the workers' movement in the Ural Mountain Region, 1907-1914] Bol'shevistskie organizatsii i rabochee dvizhenie v Priural'e, 1907-1914 gg.; po materialam Viatskoi gubernii. Glazov [Glazovskii pedagog. in-t] 1960. 159 p.
(MII)

URAL MOUNTAINS—BAUXITE
Regularities in the composition and formation of bauxite deposits in the Urals and the Turgay Plain. A. K. Gladkovskii, A. K. Sharova. Trudy Gor.-geol. inst. UFAN SSSR no. 58:160-205 '62.
Regularities in the formation and location of highly alliceous bauxites and bauxite-like rocks of the Petropavlovsk basin. E. S. Gulkin. Trudy Gor.-geol. inst. UFAN SSSR no. 58:211-235 '62.

URAL MOUNTAINS—FROZEN GROUND

Traces of periglacial phenomena in the eastern slope of the Southern Urals. M. N. Boltaov. Mat. VSEGEI no. 67, 107-125 '61.

URAL MOUNTAINS—GEOLOGY, STRUCTURAL

Geotectonic basis of the metallogeny of the Urals. A. A. Pronin. Trudy Gor.-geol. inst UFAN SSSR no 58:3-77 '62.

URAL MOUNTAINS—GRAPTOLITES

New finds of Ludlow graptolites in the Arctic Urals. T. N. Koren'. Mat. VSEGEI no. 67:175-179 '61.

URAL MOUNTAINS—KAOLIN

New techniques for dressing kaolins from the Yeleninka and Chikmakul' deposits. V. V. Klyachin, S. I. Kropanev. Stek. i ker. 19 no. 11 28-31 N '62.

URAL MOUNTAINS—MINE WATER

Using geophysical methods to study the water conditions of deposits in Ural karst regions. A. A. Ogil'vi. Razved. i okh. nedr. 28 no. 11:33-40 N '62.

URAL MOUNTAINS—ORE DEPOSITS

Geotectonic basis of the metallogeny of the Urals. A. A. Pronin. Trudy Gor.-geol. inst UFAN SSSR no 58:3-77 '62.

Principal metallogenetic epochs and ore formations of the Urals. A. A. Pronin. Zakonom. razm. polezn. iskop. 5:130-158 '62

Regularities in the distribution of contact-metasomatic Ural deposits in connection with compiling large-scale maps of the metallogeny and prospects L. N. Ovchinnikov, IA. P. Baklaev. Trudy Gor.-geol inst. UFAN SSSR no. 58:79-110 '62.

URAL MOUNTAINS—PALEONTOLOGY, STRATIGRAPHIC

Biostratigraphy of Paleogene sediments in the Turgay Gates and Northern Urals N K Ovechkin Trudy VSEGEI 77 3-269 '62

URAL MOUNTAINS—PYRITES

Factors in the location of pyrite deposits in geosynecline systems and their representation on metallogenic maps as exemplified by the Urals. S. N. Ivanov Trudy Gor.-geol. inst. UFAN SSSR no. 58:111-127 '62.

Nature of ore-bearing brachyanticlinal uplifts in the Urals. S. N. Ivanov, V. A. Prokin, G. K. Dolmatov. Trudy Gor.-geol inst. UFAN SSSR no 58:129-153 '62.

Some regularities in the location of pyrite deposits in the Urals. G. F. Cherviakovskii. Trudy Gor.-geol inst. UFAN SSSR no. 58:155-168 '62.

Structural conditions in the localization of the ore bodies in pyritic deposits of the southern Urals. M. B Borodaevskaia. Zakonom. razm. polezn. iskop. 5:304-320 '62.

URAL MOUNTAINS—ROCKS, IGNEOUS

Pre-Cambrian and Paleozoic intrusions in the western slopes of the Northern, Central, and Southern Urals. IU. D. Smirnov. Mat. VSEGEI no. 67.3-57 '61.

URAL MOUNTAINS—ULTRABASITE

Geological position, composition, and petrochemical characteristics of gabbroic and peridotite ultrabasites of the Urals. I. A. Malkhov. Biul. MOIP. Otd. geol. 37 no. 5:173 S-O '62.

URANIUM

Evseeva, L. S., and A. I. Perel'man. [Geochemistry of uranium in a supergene zone] Geokhimiia urana v zone gipergeneza. Moskva, Gosatomizdat, 1962. 238 p.

Measurement of neutron spectra in lattices of uranium-water and uranium - monoisopropylbiphenyl. V. I. Mostovoi and others Atom energ. 13 no. 6:547-555 D '62.

URANIUM—SPECTRA

Concentration of small quantities of uranium on ion-exchange resins with its subsequent spectral determination [with summary in English]. T. M. Moroshkina. Zhur. anal. khim. 17 no. 5:963-965 N '62.

URANIUM—ISOTOPES

Angular anisotropy of γ-quanta accompanying U235 fission [with summary in English]. M. V. Blinov and others. Zhur. eksp. i teor. fiz. 43 no. 5:1644-1648 N '62.

Energy distribution of photofission fragments of U238 nuclei at various peak energy values of the gamma-quantum bremsstrahlung spectrum [with summary in English]. B. A. Bochagov, A. P. Komar, G. E. Solakin. Zhur. eksp. i teor. fiz. 43 no. 5:1611-1615 N '62.

Kinetic energy of fragments emitted in subbarrier fission [with summary in English]. V. N. Okolovich, G. N. Smirenkin. Zhur. eksp. i teor. fiz. 43 no. 5: 1861-1864 N '62.

Study of the isotopic ratio U^{234}/U^{238} in aqueous extracts from uranium-phosphate-zirconium ores in relation to their genesis. N. G. Syromiatnikov, I. I. Tolmachev. Atom. energ. 13 no. 6:600-602 D '62.

URANIUM ALLOYS

Heat of UFe_2 and U_6Fe formation. M. I. Ivanov, N. S. Podol'skaia. Atom. energ. 13 no. 6 572-575 D '62.

URANIUM COMPOUNDS—ELECTRIC PROPERTIES

Electric properties of the system uranium-oxygen in the range of U_3O_8-UO_2 compounds. V. M. Zhukovskii, V. G. Vlasov, A. G. Lebedev. Fiz. met. i metalloved. 14 no. 2:319-320 Ag '62.

URANIUM ORES

"Prospecting for uranium deposits" by A. A. IAkzin. Reviewed by M. N. Al'tgauzen. Sov. geol. 5 no. 11 135-136 N '62.

Wall rock alternations of a uranium deposit. E. N. Baranov, G. I. Vertepov, G. D. Gladyshev Geol. rud. mestorozh. no. 6:33-45 N-D '62

URANIUM ORES—RADIOACTIVE PROPERTIES

Radiometric analysis of samples in a metallometric survey. L. A Samutin. Geofiz. razved. no 10 88-95 '62

URANIUM OXIDE

Effect of additions of alkali metal carbonates on the reduction rate of uranium trioxide. V. M. Zhukovskii, V. G. Vlasov. Zhur. prikl. khim. 35 no. 10 2131-2134 O '62.

Experimental study of the deposition of uranium oxides from hydrothermal solutions. R. P. Rafal'skii, K. F. Kudinova Geol rud. mestorozh. no 6:46-53 N-D '62.

Reduction of uranium trioxide by ammonia. V. G. Vlasov, V. M. Zhukovskii. Kin. i kat 3 no. 6:882-886 N-D '62.

URANYL COMPOUNDS

Mixed ammonium-sodium oxalate compounds of uranyl and uranium (IV). N. N Elovskikh, K T Rumiantseva. Zhur neorg khim. 7 no. 11 2639-2640 N '62

Structure of uranyl and its analogs. M. E. Diatkina, IU. N. Mikhailov. Zhur. strukt. khim. 3 no. 6 724-747 '62.

URDU LANGUAGE—CONVERSATION AND PHRASE BOOKS—RUSSIAN

Kliuev, B. [Practical textbook of the Urdu language] Prakticheskii uchebnik iazyka urdu. Pod red. A. A. Davidovoi. Moskva, Izd-vo lit-ry na inostr. iazykakh, 1962. 430 p.

UREA

Compressibility of mixtures of ammonia and carbon dioxide, and the equilibrium of reactions involved in urea synthesis. G. D. Efremova, G. G. Leont'eva. Khim. prom. no. 10:742-747 O '62.

Possibility of forming higher order compounds in the system $AlCl_3$ - $CS(NH_2)_2$ - H_2O. N. F. Ermolenko, A. IA. Deich. Izv. vys. uch. zav.; khim. i khim. tekh. 5 no. 4:536-538 '62.

Progress of chemistry in the field of synthesis and conversions in the diaryl urea series. D. F Kutepov. Usp. khim 31 no. 11:1348-1393 N '62.

Treatment of diabetes mellitus with diaboral and the state of nutrition in the clinics of the Tashkent Medical Institute. N. L. Romanchenko, A. IA. Makhmudov. Med. zhur. Uzb. no. 3:31-32 Mr '62.

UREA AS FEED

Mechanized method for introducing carbamide into silage M. A Vorotilov Zhivotnovodstvo 24 no 9 41-13 S '62.

Preparation and effectiveness of using corn silage enriched with urea nitrogen in fattening young cattle. I. S. Lebedinskii. Nauch. trudy Zootekh. fak. Khar. zoovet. inst 11 51-61 '62.

URETERS—DISEASES

Achalasia of the ureter. I. S. Portnoi. Urologiia no. 5: 70-76 '62.

URETHANENS

Production and use of polyester urethane rollers M. Gutnik. Poligr. proizv. no. 12:15-16 D '62.

URETHRA—RADIOGRAPHY

Three cases of urethro-venous reflux. IU. G. Kozlovskii Zdrav. Kazakh. 22 no 3:55-57 '62.

URGENCH—OIL INDUSTRIES

Aiming for the distinguished title of "Enterprise of Communist Labor." V. I. Detinkin. Masl.-zhir. prom 28 no. 11:4-6 N '62.

URINARY ORGANS—RADIOGRAPHY

Urokymography [with summary in English]. S. I. Finkel'shtein. Urologiia no. 5:34-38 '62.

URINARY ORGANS—SURGERY

Reconstructive operations on the urinary tract; clinical observations [with summary in English]. Nnohiko Harada and others. Urologiia no. 5:32-34 '62.

Ureterocele prolapsing from the urinary bladder and hydrourethronephrosis in kidney duplication in a child A. V. Tereshchenko. Urologiia no. 5:59 '62.

URINE—ANALYSIS AND PATHOLOGY

Biochemical investigation of the blood and urea of animals after the flight in a spaceship [with summary in English]. A. A. Giurdzhian and others. Probl. kosm. biol. 1:152-160 '62.

Case of chyluria. I. S. Fit'o. Urologiia no. 5:57-58 '62.

URINE—INCONTINENCE

Kreimer, A. IA. [Nocturnal enuresis] Nochnoe nederzhanie mochi. Moskva, Medgiz, 1962. 19 p. (DNLM)

URINE—SECRETION

Problem of urine formation in kidneys [with summary in English]. A. S. Oganesian. Vop. biokhim. 2:165-179 '61.

UROLOGY

Mycerin therapy of urological and surgical patients with purulent infections. V. D. Vel'fovskii. Urologiia no. 5: 25-20 '62.

Use of the "lytic cocktail" in the urological examination of patients. L. G. Smolink, A. IU. Svidler Urologiia no. 5:6-8 '62.

UROLOGY—BIBLIOGRAPHY see Bibliography—Urology

UROLOGY—CASES, CLINICAL REPORTS, STATISTICS

Analysis of therapeutic activity in a urological clinic. I. I. Akhundov Zdrav. Kazakh 22 no 3:12-18 '62

UROPEPSIN

Uropepsin in children of school age [with summary in English]. IU. V. Manchenko. Pediatriia no. 7:33 35 '62.

USPENSKII, GLEB IVANOVICH, 1843-1902

Lisin, L. F. [G. I. Uspenskii; his career as a writer] G. I. Uspenskii, tvorcheskii put'. Irkutsk, Irkutskii gos. pedagog. in-t, 1961. 339 p. (MII)

USTABAEV, DUST MUKHAMEDOVICH, 1886-

Khakimov, M. Kh. Dust Mukhamedovich Ustabaev. Tashkent, Gosizdat Uzbekskoi SSR, 1960. 64 p. (Zhizn' zamechatel'nykh liudei). (MII)

UTERUS—CANCER

Cancer of the uterus and pregnancy. B. I. Bashi. Akush. i ginek. zhur Uzb no. 3 62-64 Mr '62

UTERUS—RADIOGRAPHY

Hysterosalpingography in the diagnosis of tuberculosis of the internal genitalia [with summary in French]. M. M. Abramova, M. S Ermina. Probl. tub. no. 7 59-63 '62.

UZBEK LITERATURE—HISTORY AND CRITICISM

"The Kokand literary circle" [in Uzbek] by Aziz Kayumov. Reviewed by E. Ibragimova, S. Mamadshaev. Vop. lit. 6 no. 10:205-207 O '62.

UZBEKISTAN—ACTINOMYCES

Distribution of actinomycetes antagonistic to cotton wilt in the soils of Uzbekistan [with summary in English]. G. M. Kublanovskaia. Mikrobiologiia 31 no. 3:502 506 My-Je '62.

UZBEKISTAN—AGRICULTURE

Khvan, M. G. [With work and only with work] Trudom i tol'ko trudom. Moskva, Sel'khozizdat, 1962. 134 p. (DNAL)

UZBEKISTAN—ARTEMISIA

Chemical investigation of Artemisia scoparia. N. Kh Makaudov, I. P. Pogorelko, P. kh. Ilkiashev. Uzb. khim. zhur. 6 no. 5:81-86 '62.

UZBEKISTAN—CALCULI, URINARY

Chemical investigation of renal calculi in Uzbekistan inhabitants. N. Kh. Makaudov, Sh. F. Faliper. Uzb. khim. zhur. 6 no. 6:33-34 '62.

UZBEKISTAN—CARROTS

Herbicides for controlling weeds in onion and carrot fields E. A. Talalov. Zashch. rast. ot vred. i bol. 5 no. 2,23-25 F '60

UZBEKISTAN—CENSUS

Russia (1923- U. S. S. R.) TSentral'noe statisticheskoe upravlenie. [Results of the 1959 All-Union Population Census; the Uzbek S. S. R.] Itogi Vsesoiuznoi perepisi naseleniia 1959 goda; Uzbekskaia SSR. Moskva, Gosstatizdat, 1962. 167 p.

UZBEKISTAN—COLLECTIVE FARMS

Aid of the working class in the establishment and organizational and economic strengthening of collective farms in Uzbekistan during the years 1930-1932 Z. Kh. Arifkhanova. Obshchestv. nauki v Uz. 6 no 10 25-31 '62.

UZBEKISTAN—COMMUNICABLE DISEASES—PREVENTION

Sanitary instruction and public participation in the elimination and prevention of parasitic diseases in Uzbekistan. A. U Ibadov Med zhur. Uzb no 3:65-67 Mr '62.

UZBEKISTAN—CONSTRUCTION INDUSTRY—FINANCE

Instructive practice. B. Abroskin. Nar. khoz. Uzb. 4 no. 9:32-33 S '62.

UZBEKISTAN—COTTON

What does the quality of fiber depend upon. I. Iskanderov. Nar. khoz. Uzb. 4 no. 9:44-47 S '62.

UZBEKISTAN—COTTON—PRICES

Differentiate according to natural and economic zones. I. Shilov. Nar. khoz. Uzb. 4 no. 9:51-56 S '62.

UZBEKISTAN—COTTON—TRANSPORTATION

Transport one and a half million tons of cotton without containers. Nar. khoz. Uzb. 4 no. 9:12 S '62.

UZBEKISTAN—CRIMINAL PROCEDURE

Uzbek S.S.R. Laws, statutes, etc. [The criminal procedure code of the Uzbek S.S.R.; with amendments as of March 1, 1962] Ugolovno-protsessual'nyi kodeks Uzbekskoi SSR. S izmeneniiami i dopolneniiami na 1 marta 1962 goda. Tashkent, Gos. izd-vo UzSSR, 1962. 247 p.

UZBEKISTAN—ECONOMIC CONDITIONS

"Everything here is for the welfare of the people." Nar.khoz.Uzb. 4 no.9:86-87 S '62.

UZBEKISTAN—ECONOMICS—STUDY AND TEACHING

Give unabated attention to the economic training of personnel. Nar.khoz.Uzb. 4 no.9:13-16 S '62.

UZBEKISTAN—ELECTRIC WELDING

Why are progressive welding methods introduced slowly? P.Shirokin. Nar.khoz.Uzb. 4 no.9 71-72 S '62.

UZBEKISTAN—FLIES—EXTERMINATION

Fly control and its organization in Uzbekistan. M.N. Sukhova and others. Med. zhur. Uzb. no.3:3-14 Mr '52.

UZBEKISTAN—FOLDS (GEOLOGY)

Disjunctive dislocations of the southern Mubarek fold. K.A.Egashev, S.A.Pak. Vop.geol.Uzb. no.2:160-164 '61.

UZBEKISTAN—FRUIT—DISEASES AND PESTS

Effective method for disinfecting the scions of fruit plants against scale insects. B.V.Romanovich, V.P. Grigorashenko. Zashch.rast.ot vred.i bol 5 no.2: 21-22 F '60.

UZBEKISTAN—GAS, NATURAL

Power supply for the reclamation of virgin lands. N.Mun'ko, R.Alimov. Nar.khoz.Uzb 4 no.9:67-70 S '62.

UZBEKISTAN—GEOLOGY

History of the development of the Gazli Upland. Kh.Azizkhanov. Vop.geol.Uzb. no.2:146-159 '61.

UZBEKISTAN—GEOLOGY, STRATIGRAPHIC

Studying the Jurassic sedimentation in the Gazli Upland. Kh.Azizkhanov. Vop.geol.Uzb. no.2:165-170 '61.

UZBEKISTAN—GEOLOGY, STRUCTURAL

Mesozoic and Cenozoic tectonic development of the southeastern part of the Bukhara-Karshi anticlike upland. A.U.Umarov. Vop.geol.Uzb. no.2:131-145 '61.

UZBEKISTAN—GOITER

Control of endemic goiter in Andizhan Province and the Namangan group of districts of the Uzbek S.S.R Sh.Sh. Il'inov and others. Med.zhur.Uzb. no.3:26-28 Mr '62.

Thyroid gland in healthy subjects and in goiter patients living in endemic foci of Andizhan Province and the Namangan group of districts of the Uzbek S.S.R. as revealed by data from radioiodine diagnosis. R.K. Islambekov, T.A.Berkutov. Med.zhur.Uzb. no.3 19-25 Mr '62.

UZBEKISTAN—GROSS NATIONAL PRODUCT

Abdurashev, A.A., U.N.Mirzakhodzhaev, and V.A. Osminin. [Gross national product and national income of the Uzbek S.S.R.] Obshchestvennyi produkt i natsional'nyi dokhod Uzbekskoi SSR. Tashkent, Izd-vo Akad. nauk UzSSR, 1960. 176 p.

[MICROFILM]

UZBEKISTAN—INDUSTRIAL MANAGEMENT

"Economic operation is the most important potential for carrying out the seven-year plan" by M.Sharifkhodzhaev. Reviewed by Sh.Ilkhodzhev. Nar.khoz. Uzb. 4 no.9:92-94 S '62.

Study economics and use potentials efficiently. Nar. khoz.Uzb. 4 no.9:8-12 S '62.

UZBEKISTAN—IRRIGATION FARMING

Power supply for the reclamation of virgin lands. N.Mun'ko, R.Alimov. Nar.khoz.Uzb. 4 no.9:67-70 S '62.

UZBEKISTAN—KARAKUL SHEEP

In the Ministry of Agriculture of the U.S.S.R. Zhivotnovodstvo 24 no.9:70 S '62

UZBEKISTAN—LEAD ORES

Location of lead and zinc mineralization in the Mesozoic of southern Uzbekistan. A.D.Shmulevich. Zakonom. razm.polezn.iskop. 5:397-407 '62.

UZBEKISTAN—LIVER—DISEASES

Data on the detection of liver diseases in Bukhara and Khorezm Provinces and in the Kara-Kalpak A.S.S.R. Preliminary report. S.M.Agzamkhodzhaev and others. Med.zhur.Uzb. no.3:47-49 Mr '62.

UZBEKISTAN—MACHINERY INDUSTRY—FINANCE

Organization of business accounting in the workshops of machinery manufacturing plants. A.Fokin. Nar.khoz. Uzb. 4 no.9:34-38 S '62.

UZBEKISTAN—MEAT INDUSTRY

For the comprehensive processing of raw materials in meat industry enterprises. M.Vil'chek. Nar.khoz. Uzb. 4 no.9:74-76 S '62.

UZBEKISTAN—MERINO SHEEP

Physiological characteristics of Merino sheep during the process of acclimatization in Uzbekistan G.I Alekseeva Zhivotnovodstvo 24 no.9 75-78 S '62

UZBEKISTAN—MILITARY EDUCATION

Combat traditions of the Soviet Army. K Zainullin Voen.znan. 38 no.12:23-24 D '62

UZBEKISTAN—MINES AND MINERAL RESOURCES

We have everything for creating ferrous metallurgy. V.Gar'kovets. Nar.khoz.Uzb. 4 no.9:24-26 S '62.

UZBEKISTAN—MONTMORILLONITE

Formation of montmorillonite clays in the Tashkent region. M.Z.Zakirov. Vop.geol.Uzb. no.2 86-95 '61.

UZBEKISTAN—MOTION-PICTURE PLAYS

Aitev, Mukhsin. [Kamil IArmatov. Translated from the Uzbek] Kamil IArmatov. Tashkent, Goslitizdat UzSSR, 1960. 77 p.

UZBEKISTAN—ONIONS

Herbicides for controlling weeds in onion and carrot fields E A Talalov. Zashch.rast.ot vred.i bol 5 no.3:23-25 F '60.

UZBEKISTAN—ORE DEPOSITS

Basic features of the magmatic activity and metallogeny of the Zirabulak-Ziaetdinskiye Mountains in western Uzbekistan. I.M.Evflmenko, V.M Petrov. Zakonom. razm.polezn.iskop. 5:229-250 '62.

UZBEKISTAN—PHILOSOPHY

Some works on the history of philosophy published in Soviet Uzbekistan during the twenties. A. Akhmedov. Obshchestv.nauki v Uz 6 no.10:60-62 '62.

UZBEKISTAN—PIGMENTS

"Mineral pigments can be obtained locally." M.Bodnia, M.Osovetskii. Nar.khoz.Uzb. 4 no.9:81-83 S '62.

UZBEKISTAN—PLANTS, PROTECTION OF—RESEARCH

On the watch for the plant wealth of Uzbekistan. P Arkhangol'skii. Zashch.rast.ot vred.i bol 5 no.2: 49-51 F '60.

Research of the Uzbek Institute of Plant Protection. K I. Mirpulatov. Zashch.rast.ot vred.i bol 5 no.2, 32-33 F '60.

What the scientists of the Uzbek Institute of Plant Protection are working on V.P Vasil'ev, N.A Telenga. Zashch.rast.ot vred.i bol. 5 no.2:33-34 F '60

UZBEKISTAN—REFRACTORIES INDUSTRY

The cheapest refractory materials in the country. Kh.Gazizov, A.Kutsenko. Nar.khoz.Uzb. 4 no.9: 81-83 S '62.

UZBEKISTAN—RESEARCH

Scientific councils on most important problems. S.Shchenkov. Nar.khoz.Uzb. 4 no.8:60-61 S '62.

UZBEKISTAN—SCALE INSECTS—EXTERMINATION

Effective method for disinfecting the scions of fruit plants against scale insects B.V. Romanovich, V.P Grigorashenko. Zashch.rast.ot vred.i bol. 5 no.2: 21-22 F '60

UZBEKISTAN—STATE FARMS—FINANCE

Combining national interests with personal material self-interest. A.Ibragimov. Nar.khoz.Uzb. 4 no.9:10-13 S '62.

UZBEKISTAN—STEEL INDUSTRY

We have everything for creating ferrous metallurgy. V.Gar'kovets. Nar.khoz.Uzb. 4 no.9:24-26 S '62.

UZBEKISTAN—TRANSPORTATION, AUTOMOTIVE—COST OF OPERATION

Consolidation of small automobile transportation units has justified itself. Z.Abrarov. Nar.khoz.Uzb. 4 no.9:78-79 S '62.

UZBEKISTAN—TUBERCULOSIS

United conference on research and practice of the Uzbek Research Institute on Tuberculosis and the Fergana Province Department of Public Health A M. Volokhvianskii. Med zhur.Uzb no 3:76-77 Mr '62.

UZBEKISTAN—VEGETABLES, CANNED

The "Tashkent", "Uzbek," and "Fergana" vegetable salads. A.N. Ponomareva. Kons i ov.prom. 17 no.12:23 D '62

UZBEKISTAN—ZINC ORES

Location of lead and zinc mineralization in the Mesozoic of southern Uzbekistan. A.D. Shmulevich. Zakonom. razm.polezn.iskop. 5:397-407 '62.

UZH VALLEY—MINERALOGY

Mineralogical characteristics of Mesozoic continental sediments in the Uzh Basin. A.IA Khatuntseva, A.P Romodanova. Trudy Inst.geol.nauk AN URSR Ser petr., min in geokhim no.6:161-177 '60.

UZHGOROD—ART GALLERIES AND MUSEUMS

Zakarpats'ka oblasna kartinna galereia. [Guide to the Transcarpathian Province Gallery of Paintings] Putivnyk po Zakarpatskii oblasnii kartinnii galerei. Uzhorod, Zakarpats'ke obl. vyd-vo, 1958. 133 p.

VACATIONS, EMPLOYEE

Our consultations. Sov.profsoiuzy 18 no.23:42-43 D '62.

VACCINES

Scientific substantiation of the degree of epidemiological effectiveness of various vaccines. O.V.Baroian. Vest.AMN SSSR 17 no.9:76-81 '62.

VACUUM

Production of a superhigh vacuum by means of oxide electronic semiconductors pulverized by electron bombardment. G.S. Mikhailov, O M Akimovich, I G. Prokina. Ukr.fiz.zhur. 7 no.12 1367-1368 D '62.

VACUUM APPARATUS

Conference on Apparatus and Research Methods for Vacuum Spectroscopy in the Ultraviolet Region S.A. Kulikov Opt.i spektr. 13 no.5,754-755 N '62.

Spark-over in a vacuum induced by macroparticles. N.B.Roznova. Izv.AN SSSR.Ser.fiz. 26 no.11: 1436-1440 N '62

VACUUM METALLURGY

Obtaining pure bismuth. B.N.Aleksandrov. Fiz.met. i metalloved 14 no.5:733-738 N '62.

Samarin, A.M., ed. [Vacuum metallurgy] Vakuumnaia metallurgiia. Moskva, Metallurgizdat, 1962. 515 p.

VACUUM PUMPS

Friction power of inclined plates in rotary plate machines having no discharge rings. IU V Peshti. Izv.vys. ucheb.zav., mashinostr. no.8:139-146 '62

VACCUM TECHNOLOGY

Conference on welding in vacuum. L.S Koval'skii. Svar.proizv. no.9 42-43 S '62.

VACUUM-TUBES *see* Electron tubes

VAGUS NERVE

Projection of the vagus nerve in the cerebral cortex and the limbic lobe of the brain in cats. V.N.Chernigovskii, S.M.Zaraiskaia. Dokl.AN SSSR 147 no.3:742-744 N '62.

VAKHNIN, MAKHAIL IVANOVICH, 1862-

Over half a century in office Vest.TSNII MPS 21 no 7 62 '62

VALINE

Depsides. Report No.6: Preparation of L- and D-N-methylvalines. IU.A.Ovchinnikov, V.T.Ivanov, A A Kiriushkin. Izv.AN SSSR,Otd.khim.nauk no.11:2040-2054 N '62.

VALLEYS *see* subdivision under Nepal

VALUE

Operation of the law of value under socialism V.V IUr'ev. Trudy Kuib.av.inst. no.11:37-54 '60

VALVES

Investigating the effect of valve-pair materials on the seizing of valves IU S Demidov. Izv.vys.ucheb zav.; khim.i khim.tekh 5 no.4:670-671 '62.

VANADIUM—ANALYSIS

Determination of molybdenum and vanadium in steel by the method without chipping. L.I.Ganago. Izv.vys.uch. zav.; khim.i khim.tekh 5 no.4:670-671 '62.

VANADIUM—ELECTROMETALLURGY

Anodic deposition of vanadium compounds from aqueous solutions of vanadates. A.S.Gonchurenko. Zhur. prikl.khim. 35 no.11:2449-2454 N '62.

VANADIUM OXIDE CRYSTALS—SPECTRA

Infrared spectra of titanium and vanadium oxides in the crystalline state. S.M.Arkin, M.V.Golomolzina. Fiz. tver.tela 4 no.10:2021-2024 O '62

VAPOR PRESSURE (Continued)

Difference in the pressures of saturated vapors of krypton and xenon isotopes [with summary in English] V.N Grigor'ev Ukr fiz. zhur. 7 no 7 739-742 Jl '62

Effect of the vapor phase pressure on the manganese nitriding process [in Georgian with summary in English] V M. Berezhiani, I B Baratashvili Trudy Inst met AN Gruz SSR 12 93-101 '62

Pressure and composition of rhenium monooxytetrachloride vapor N V Baryshnikov, A. N Zelikmen, M V Tesitskaia Zhur neorg khim 7 no 11 2634-2635 N '62

VARIATION (BIOLOGY)

Appearance of dominant lethal mutations in Drosophila melanogaster during the space flight in a spaceship [with summary in English] G. P Parfenov Probl. kosm biol. 1 232-235 '62

Effect of space flight factors on the frequency of the appearance of recessive lethal mutations in the x-chromosome of Drosophila melanogaster [with summary in English]. IA L Glembotskii and others. Probl kosm biol 1 219-231 '62.

VARIX

Late results of treatment for varicose veins [with summary in English]. S.A Zarubin Klin med. 40 no 10:86-94 O '62.

VARZI-YATCHI—HEALTH RESORTS, WATERING PLACES, ETC.

Vasil'ev, N. V. [Varzi-Yatchi Health Resort] Kurort Varzi-Iatchi, ocherk. Izhevsk, Udmurtskoe knizhnoe izd-vo, 1962. 41 p.

[MICROFILM]

VASIL'EV, IVAN VASIL'EVICH, 1871-

L V Vasil'ev's 90th birthday V V IAkhontov Zashch rast ot vred i bol 7 no 2 59-60 F '62

VAZOV, IVAN MINCHOV, 1850-1921—BIBLIOGRAPHY

see Bibliography—Vazov, Ivan Minchov, 1850-1921

VECTOR ANALYSIS

Isolation of the system of fractures by the vector method L D Knoring Trudy VNIGRI no 193 192-218 '62

On infinitesimal flexures in the sliding of spherical segments relative to an arbitrary plane N I Chernyi Ukr mat. zhur 14 no 4 440-446 '62

VECTORCARDIOGRAPHY

Significance of phono-, vector- and ballistocardiography in the complex examination of mitral defects of the heart N P Malyshkin. Kardiologiia 2 no 5 69-71 S-O '62.

Vectorcardiogram before and after mitral commissurotomy [with summary in English]. V S IUrasov. Kardiologiia 2 no. 5:48-55 S-O '62.

VEDI—WINE AND WINE MAKING

"Kakhet" variety of the red dessert wine. R. Manukian, Kh. Gevorkian. Prom. Arm. 5 no. 11:37 N '62.

Vedi white table wine. Kh. Gevorkian, L. Dzhanpoladian, R. Manukian. Prom. Arm. 5 no. 11:32-34 N '62.

VEGA CARPIO, LOPE FELIX de, 1562-1635

A thousand and one comedies; on the 400th anniversary of the birth of Lope de Vega. G. Boiadzhiev Teatr 23 no. 11 169-175 N '62.

VEGETABLE GARDENING

(see also subdivision under Armenia, Volga-Akhtuba Flood Plain)

Filatov, N. A., and V. M. Pironkov. [Wide-strip planting] Shirokopolosnye posevy. [Moskva] Mosk. rabochii, 1962. 54 p.

(DNAL)

composition of

VELIKIYE LUKI—PLANTS, PROTECTION OF—STUDY AND TEACHING

We are raising the qualifications of specialists. A F. Ryzhov, A.F. Sal'nikova, E Evgrafova Zashch. rast ot vred i bol 7 no 6:59 Je '62

VELIKORETSKII, ABRAM NIKOLAEVICH, 1892-

Professor A. N Velikoretskii; on his 70th birthday. Khirurgiia 38 no. 10:143-144 O '62

VENEERS AND VENEERING

(see also subdivision under United States)

Semiautomatic production line in the section peeling-clipping-lay up of veneer sheets. E. V. Vol'skii, O. S. Dmitriev, A. A. Porokhin. Der. prom 11 no. 11:17-19 N '62

VENEERS AND VENEERING—COSTS

Distribution of expenses for raw material dependent on the method of veneer production and the production costs of veneer sheets according to type. I. S Gukhman Der. prom 11 no. 11:15-16 N '62

VENEERS AND VENEERING—STANDARDS

Project of technical specifications at Soviet Republics level for glued veneer for keyboard musical instruments A. S. Kostylev, G. A. Kotliarevskaia. Der. prom. 11 no. 11 13-14 N '62.

VENEZUELA—INDIANS

The Indians of Venezuela are living as they did five centuries ago Zhen mira no 3:23-26 '62

VENTILATION

Economic efficiency of heating and ventilation systems. L. D. Boguslavskii. Vod. i san. tekh. no. 10:1-6 O '62.

VERDI, GIUSEPPE, 1813-1901

Soloytsova, L. A. [G. Verdi's "Aida."] "Aida" Dzh. Verdi. Moskva, Gos. muzykal'noe izd-vo, 1962. 71 p. (Putevoditeli po operam)

VERGA, GIOVANNI, 1840-1922

Giovanni Verga and verism. Austra Kirhensteine. Izv. AN Latv. SSR no. 1:33-40 '61.

VERKHNEDNEPROVSK COUNTRY—REVOLUTION, 1917-1921

Postyshanlev's suggestions. A. Basystov. Voiov. ateist no. 11:51 N '62.

VERKHNETAVDINSKIY DISTRICT—SEED PRODUCTION

Does turpentining affect the yield and quality of pine seeds? N M Voronov Les khoz 15 no 7 80 Jl '62

VERKHNETAVDINSKIY DISTRICT—TURPENTINING

Does turpentining affect the yield and quality of pine seeds? N M Voronov. Les khoz 15 no 7:80 Jl '62

VERKHOYANSK RANGE—AMMONOIDEA

New species of ammonoids from the Olenek stage of the Verkhoyansk Range and Lena-Olenek interfluve IU. N Popov. Trudy NIIGA 127:176-186 '62.

VERMICULITE

Kinetics of ion exchange on vermiculite. V. M. Nikolaev, V. F. Bagretsov, A. R. Beketov. Zhur. prikl. khim. 35 no. 11 2414-2420 N '62.

Vermiculite, the miracle of Koydor. K. Levitin, A Melamed Nauka i zhizn' 29 no. 10 84-86 O '62

VERMICULITE—SPECTRA

Oxonium ion in vermiculite. G. B. Bokii, D. K. Arkhipenko. Zhur. strukt. khim. 3 no. 6:697-702 '62.

VERTEBRAL ARTERY—DISEASES

Change in the electrical activity of the brain in lesions of the large cerebral vessels (carotid and vertebral arteries) [with summary in French]. V. A. Chukhrova, N. V. Vereshchagin, D. N. Dzhibladze. Zhur. nevr. i psikh. 62 no. 8:1181-1188 Ag '62.

Role of the pathological sinuosity of the carotid and vertebral arteries in disorders of cerebral circulation [with summary in French]. E. V. Shmidt and others Zhur. nevr. i psikh. 62 no. 8:1149-1159 Ag '62.

VERTEBRATES

Finds and the stratigraphic distribution of vertebrates in the Paleozoic of northern Urals and the Timan Ridge N V. Kalashnikov. Izv. Komi fil. Geog. ob-va SSSR no 7 37-44 '62

VERTEBRATES, FOSSIL see subdivision under Inta District

VETERINARY HYGIENE

Enforce the control of traumatism I Zel'manov, V. Romadina Mias ind SSSR 33 no. 5. 32-33 '62.

VETERINARY MEDICINE

Bakulov, I. A. [Practical exercises in epizootology and microbiology] Prakticheskie zaniatiia po epizootologii s mikrobiologiei. Moskva, Sel'khozizdat, 1962. 247 p. (Uchebniki i uchebnye posobiia dlia veterinarnykh tekhnikumov)

(DNAL)

VETERINARY MEDICINE (Continued)

Dynamics of quantitative changes of chlortetracycline in the animal organism. V O Fortushnyi, O I Pakova Visnyk sil'hosp nauky 5 no 11.70-74 N '62

Ginzburg, A. G., and A. D Ivanov. [Organization of veterinary service] Organizatsiia veterinarnogo dela. Moskva, Sel'khozizdat, 1962. 407 p.

VETERINARY MICROBIOLOGY

Bakulov, I. A. [Practical exercises in epizootology and microbiology] Prakticheskie zaniatiia po epizootologii s mikrobiologiei. Moskva, Sel'khozizdat, 1962. 247 p. (Uchebniki i uchebnye posobiia dlia veterinarnykh tekhnikumov)

(DNAL)

VETERINARY PHYSIOLOGY

Application of radioactive isotopes in stockbreeding A. A. Kudriavtsev, A. I. Vertunov. Zhivotnovodstvo 24 no 9:71-74 S '62

VETIVER see subdivision under Georgia

VIBRATED CONCRETE

Bliuger, F. G., and A. A. Gagarina. [Testing and calculations of three-dimensional elements for apartment houses] Ispytaniia i raschet ob'emnykh elementov zhilykh zdanii. Moskva, Gosstroiizdat, 1962. 74 p.

Conference on the method of vibromixing [in Latvian], J. Magone. Izv. AN Latv. SSR no. 2:181-182 '61.

Conference on the vibromixing of concrete mixes, G. Kunnos. Izv. AN Latv. SSR no. 1:173-176 '61.

VIBRATION

"Energy dissipation in mechanical vibrations" by G S Pisarenko Reviewed by IU. A Mitropol'skii Ukr mat zhur. 14 no 4 456-457 '62.

Quasi-harmonic vibrations in systems with several degrees of freedom. O. N. Romanov. Nauch. zap. IMA AN URSR. Ser. mashinoved. 9:161-167 '62

Vibration amplitude of a conservative system with one degree of freedom during the resonance. G. N Pochankin. Izv. AN SSSR. Otd. tekh. nauk. Mekh. i mashin str. no 6:133-134 N-D '62.

VIBRATION—CONGRESSES

International symposium on nonlinear vibrations held at Kiev; summaries of reports. V. M. Volkonov. Ukr. mat. nauk 17 no. 2 215-265 Mr-Ap '62.

VIBRATION—PHYSIOLOGICAL EFFECT

Effect of general vibration on the organism of animals [with summary in English]. V. S. Gleonglevskii, F. I. IUganov. Probl. kosm. biol. 1:377-385 '62.

VIBRATION (MARINE ENGINEERING)

Calculating free vibration frequencies with various conditions of support along the contour. N G Tsoi Sudostroenie 28 no 11:16-18 N '62.

VIBRATORS

Some problems in the mechanics of planetary-type polyfrequency vibrators. M. P. Zubanov. Trudy LIVT no. 219:11-18 '62.

Using vibrators for speeding up the unloading of concrete. A. Vel'mozhin. Avt. transp. 40 no. 12 12-13 D '62.

Vibration molding of large brick articles. P. Kovalevskii. Sel'. stroi. no. 11:14 N '62.

VIDEO TAPE RECORDERS AND RECORDING

New Soviet video tape recorder. Sov. prom. no. 11:49 N '62.

VIENNA—AUTOMOBILES—MAINTENANCE AND REPAIR

Automobile maintenance station in Vienna. E. Afanas'ev. Avt. transp. 40 no. 12:52-54 D '62.

VIENNA—OPERA

Problems of opera in the West. H. Karajan. Sov. muz. 26 no. 11:124-125 N '62.

VIETNAM, NORTH—FISHERIES—COSTS

Determining the costs of fishery products in the state fisheries of the Democratic Republic of Vietnam. Tikhe Dat. Uchet i fin. v kolkhoz. i sovkhoz. 19 no. 12: 53-55 D '62.

VIETNAM, NORTH—HISTORY—PERIODICALS

"Nghiên cuu lich sû," a Vietnamese periodical Hai Khat. Vop. ist. no. 12 167-170 D '62.

VIETNAM, NORTH—JUSTICE, ADMINISTRATION OF

Efforts of Vietnamese lawyers to ensure a strict observance of laws. Nguyen Hyu Dak, V. Lesnoi. Sov. iust. no. 23:23-24 D '62.

VIETNAM, NORTH—MOTION PICTURES

New Vietnamese motion pictures. Az. i Afr. geog. no. 12: 50 D '62.

VIETNAM, NORTH—SOCIALIST COMPETITION

A path to socialism. Sov. profsoiuzy 18 no. 22:34-35 N '62.

VIETNAM, NORTH—STOCK AND STOCKBREEDING

Animal husbandry in the Democratic Republic of Vietnam. I. G. Allakhverdiev. Zhivotnovodstvo 24 no 9:88-90 S '62.

VIETNAM, NORTH—TRADE UNIONS
A path to socialism. Sov.profsoiuzy 18 no.22:34-35 N '62.

VIETNAM, NORTH—WOMEN
"And the day dawned" [in French]. Reviewed by M.M. Zhen mira no 3 22 '62

VIETNAM, SOUTH—MILITARY ASSISTANCE, AMERICAN
"Partisans"; Kennedy at work. Az.i Afr.seg. no. 11: 54-55 N '62.
South Vietnam: who is guilty of the tragedy? I.Shchedrov. Az.i Afr.seg. no.11 53,56 N '62.
Will Pentagon soldiers cheat death? A. Valiuzhenich. Ogonek 40 no.39,28-29 S '62.

VIETNAM, SOUTH—POLITICS AND GOVERNMENT
"South Vietnam today" by I.M Shchedrov. Reviewed by V.Sunovov. Az.i Afr.seg. no 12 62-63 D '62.

VIL'DE, IRYNA, pseud.
Val'o, M.A. [Iryna Vil'de; a literary study] Iryna Vil'de, literaturno-krytychnyi narys. Kyiv, Radians'kyi pys'mennyk, 1962. 136 p (Ctr)

VILNIUS—ARCHITECTURE—DESIGNS AND PLANS
Designers' Building in Vilnius. I.Vaskevicius Arkhit. SSSR no 11 33-35 '62.

VILNIUS—HANDBOOKS, MANUAL, ETC.
Vilna. Vietinio ukio valdyba. [Vilnius; (addresses and information)] Vilnius; [adresai ir informacijos] Vilnius, 1960. 239 p. [In Lithuanian]

VIL'NYI, VOLODYMYR
"You're alone in the world"; a novel by Volodymyr Vil'nyi. Reviewed by Grigorii Vartanov. Sov Ukr 12 no.10 181-183 O '62.

VINNITSA—PARKS
The park of new-born children. Volov. ateist 3 no. 12: 20 D '62.

VINNITSA PROVINCE—AGRICULTURAL ADMINISTRATION
First results of the work of regional agricultural administrations P.P.kozyr. Ukr.ist zhur. 6 no 6:3-12 N-D '62.

VINNITSA PROVINCE—COLLECTIVE FARMS
Party chronicle. Part. zhizn' no. 23:78-80 D '62.

VINNITSA PROVINCE—INDUSTRIAL MANAGEMENT
Forms are needed. V. Zolotilin. Fin. SSSR. 23 no. 11: 67-68 N '62.

VINNITSA PROVINCE—STOCK AND STOCKBREEDING
Advantages of intensified specialization A. A. Mazur. Zhivotnovodstvo 24 no 9 9-12 S '62

VINOGRADOV, IVAN MATVEEVICH, 1891-
Ivan Matveevich Vinogradov, on his 70th birthday. IU. V. Linnik, A. G. Postnikov. Usp. mat nauk 17 no. 2 201-214 Mr-Ap '62.

VINOGRADOV, ZAKHAR ZAKHAROVICH, 1882-
Traveler with a camera; Z. Z. Vinogradov's 80th birthday, A. N. Sinel'nikov. Priroda 51 no. 12:114 D '62.

VINYL ACETATE see subdivision under Armenia

VINYL COMPOUND POLYMERS
Inhibiting properties of stabilizers studied by the thermomechanical method Part 2. Organotin compounds as stabilizers of polyvinyl chloride under the effect of high temperatures and gamma rays [with summary in English]. M. N Shteding, V. L. Karpov. Vysokom soed. 4 no 12 1806-1811 D '62
Synthesis of new cellulose derivatives Part 22: Synthesis of a graft copolymer of cellulose with polyvinylidene chloride [with summary in English] A. G. Ispravnikova, L. S. Sletkina, Z. A Rogovin. Vysokom. soed 4 no. 12 1790-1795 D '62

VINYL COMPOUND POLYMERS—ELECTRIC PROPERTIES
Induced electromotive force and dielectric strength of irradiated polyvinyl chloride [with summary in English]. V. D. Kuchin, A. K. Sheatova Vysokom. soed 4 no. 12:1863-1866 D '62

VINYL COMPOUNDS
Vinyl-ethynol nonslip coatings. IU. K. Matasov. Sudostroenie 28 no. 11 52-53 N '62.

VINYL COMPOUNDS—SPECTRA
Nuclear magnetic resonance of some perfluorovinyl derivatives. S. S Dubov, B. L Tetel'baum, R. N. Sterlin. Zhur. VKHO 7 no 6:691-692 '62

VIRGIN TERRITORY—GRAIN
Economic evaluation of chemical weed control of grain crops in the Virgin Territory [with summary in English]. N. A. Sosnin. Izv. TSKHA no. 4, 21-33 '62

VIRGIN TERRITORY—GRAIN ELEVATORS
Problems of the construction of grain elevators in the Virgin Territory. V. A. Egorov. Prom. stroi. no. 10: 14-17 '62.

VIRGIN TERRITORY—ICE ON RIVERS, LAKES, ETC.
Ice packs A P Unovidov. Priroda 51 no. 12:123-124 D '62

VIRGIN TERRITORY—KINDERGARTEN
A pointless explanation sent to us by the Executive Committee of the Virgin Territory. Sov deput trud no 11 82-83 N '62.

VIRGIN TERRITORY—PLANTS, PROTECTION OF
On virgin land V. F. Savzdarg. Zashch. rast. ot vred i bol 7 no 8 7-10 Ag '62

VIRGIN TERRITORY—RADIO OPERATORS
A radio amateur has come to the Virgin Territory. M. Zozulia. Radio no. 11:18-10 N '62.

VIRGIN TERRITORY—RURAL PLANNING
Planning and building farmstead centers for state farms in the Virgin Territory. I Bilulin, B Makhan'ko, V. Magidin Sel' stroi 16 no 2:24-26 F '62

VIRGIN TERRITORY—STATE FARMS
Planning and building farmstead centers for state farms in the Virgin Territory. I Bilulin, B Makhan'ko, V Magidin Sel' stroi 16 no. 2, 21-26 F '62.

VIRGIN TERRITORY—WEED CONTROL
Economic evaluation of chemical weed control of grain crops in the Virgin Territory [with summary in English]. N. A. Sosnin. Izv. TSKHA no. 1 21-33 '62.

VIRGIN TERRITORY—WEED CONTROL—CONGRESSES
Conference on herbicides. V S. Zashch. rast. ot vred i bol 7 no 8:59-60 Ag '62

VIRUS DISEASES OF PLANTS
(see also subdivision under Krasnodar Territory, Zakatnly District)
Early harvesting reduces the virus infection of potatoes. Zashch. rast. ot vred. i bol. 6 no. 8:56 Ag '61.
Judging tomato varieties for their resistance to streak [with summary in English]. S. V. Aleksandrov, G. V. Boos. Trudy po prikl bot., gen. i sel 34 no. 2:115-120 '61
Virus diseases of potatoes. A. E. Pretsenko. Zashch. rast. ot vred. i bol. 6 no. 6:37-38 Ag '61.
Virus diseases of pulse crops. IU. L Vlasov, IU. L Shneider, N B Porembskaia Zashch rast. ot vred i bol. 7 no 2:18-19 F '62.

VIRUS RESEARCH—CONGRESSES
Fifth Conference of Czech Virologists. E. P. Pretsenko. Vest. AN SSSR 32 no. 12:81-85 D '62.

VIRUSES
Occurrence of enteroviruses in healthy children [with summary in English] A Vohato. Izv. AN Latv. SSR no. 3:97-102 '61.
Study of filtrable viruses isolated from rheumatic patients. G. D. Zolcanskii and others. Vest. AMN SSSR 17 no. 9, 85-93 '62.
Viruses in oncology I. Zilber. Nauka i zhizn' 29 O '62

VISCOSIMETRY
New method of measuring the viscosity of glass between 10^6 and 10^{14} poises. V. T. Sinitsinskii, E. N. Kreatnikova, V. M. Borotko. Stek. i ker. 19 no. 11:18-22 N '62.

VISCOSITY
Light scattering and viscosity of polyparachlorostyrene solutions in butanone [with summary in English] Siuf Mao [Hsu Mao], E. V. Frisman. Vysokom soed. 4 no 12:1839-1843 D '62.
Viscosity of the fluidized bed. F. Z. Grek, V. N. Kisel'nikov. Zhur. prikl. khim. 35 no. 10:2236-2241 O '62.

VISHNEVSKII, PETR STEPANOVICH
Letters to the editor. Zdrav. Ros. Fed. 6 no 11:35-37 N '62.

VISION
Comparative data on the lability and intoneural processes in the auditory and vidoga and the lower monkeys [with summ N. S. Popova. Zhur. vys. nerv. delat. I Ja-F '62.
Differentiation of phatic conditioned stim after their simultaneous and successive [with summary in English]. IU. IA. Zak nerv. delat. 12 no. 1:95-102 Ja-F '62
Interaction between the olfactory and aud as the olfactory and phatic components complex stimuli [with summary in Eng Vatsuro, V. K. Shepeleva. Zhur. vys. ne no. 1:103-109 Ja-F '62.

VISITORS, AMERICAN see subdivision u

VISITORS, FOREIGN see subdivision und

VISITORS, FRENCH
Guest from France. Meteor. i gidrol. n '62.

VITAL STATISTICS see subdivision under

VITAMIN THERAPY
Intestinal microflora in chloretetracycline and vitamin therapy of dysentery [with summary in English]. N. I. Korshel'nikova, A. L Buldakova. Antibiotiki 7 no 9 822-825 S '62.

VITAMINS
Effect of nervous strain on the requirement of the body for some vitamins [with summary in English]. G. A. Arutiunov and others. Vop. pit. 21 no. 1 3-10 Ja-Ag '62.
International Conference on Vitamins. A. Valdmans. Izv. AN Latv. SSR no 3:143-146 '61.
Producing vitamin meal in a mobile unit V Nikolaiuk Les khoz 15 no 7:73-75 Jl '62
Relation of photonutotrophic bacteria to vitamins and the synthesis of vitamins by these organisms [with summary in English]. V. E. Uspenskaia, E. N Kondrat'eva. Mikrobiologiia 31 no. 3 396-401 My-Je '62
Synthesis of vitamins by some rhizosphere microorganisms and the effect on it of trace elements Report No 1 [with summary in English] O I Berishova, I A Kozlova. Mikrobiol zhur 24 no 2:30-34 '62

VITAMINS—A
Powdered stable vitamin A feed concentrate. R. P Nikolaev, P P. Tarutin, A F. Romanova Trudy VNIIZ no 39 109-120 '60
Precursors of vitamin A in Ascaris suum. Z. K. Leutskaia Trudy Gel'm. lab 11 159-161 '61.

VITAMINS-B_5 see Nicotinic acid

VITAMINS—B_6 see Pyridoxine

VITAMINS—C see Ascorbic acid

VITAMINS—D
Producing "pure" vitamin D deficiency in rats [with summary in English]. A. T. Zhemida, Z. S. Grafskaia, N. V. Chernikova. Vop. pit. 21 no. 1 71-74 Jl-Ag '62.

VITAMINS—E see Tocopherol

VITAMINS—P
Vegetable crops as a source of vitamin P [with summary in English] G A Lukovnikova. Trudy po prikl. bot., gen i sel 34 no 2:173-173 '61

VITEBSK PROVINCE—ECONOMIC GEOGRAPHY
Mot'nichuk, S. M. [Vitebsk Province; a geographical description] Vitebskaia oblast'; geograficheskii ocherk. Minsk, Izd-vo M-va vysshego, srednego spetsial'nogo i professional'nogo obrazovaniia BSSR, 1962. 158p. (Oblasti Belorusskoi SSR) [MICROFILM]

VITICULTURE
(see also subdivision under Azerbaijan; Karabakh Steppe; Transcaspathia)
Fumigation attachment to viticultural machines. M. A. Lintegurt, G. P. Polivtsev. Zashch. rast. ot vred. i bol. 6 no. 6:15-16 Ag '61.
Skillful workers. A. Gendeko. Sel' mekh no. 10:11-12 '62.

VITICULTURE—BIBLIOGRAPHY see Bibliography—Viticulture

VITICULTURE—EQUIPMENT AND SUPPLIES
A vehicle for hauling grapes Sh. Perkis. Tekh. v sel'khoz. 22 no. 10:72-73 O '62.

VITREOUS MATERIALS
Dependence of the dissolving rate of vitreous As_2Se_3 on the concentration of alkali in solution [with summary in English]. Z. U. Borisova, O. V. Il'inskaia, TSzin' Chzhan [Chin Chang]. Vest. LGU 17 no. 22, 165-167 '62.
Dissolving rate of vitreous As_2Se_3Tl in alkali solutions [with summary in English]. T. P. Markova, Z. U. Borisova. Vest. LGU 17 no. 22 150-155 '62.

VITREOUS STATE
Glass-forming K boundary in the system arsenic - sulfur - germanium. R. L. Mueller and others. Vest. LGU 17 no. 22 146-150 '62.

VLADIVOSTOK—HARBOR
Over-all mechanization in the Vladivostok harbor. G. Kapustin, E. Fisher. Mor. flot 22 no. 9 13-15 S '62.

VLADIVOSTOK—PENSIONS
Committee of good deeds. G. Karpov. Okhr. truda i sots. strakh. 5 no. 11 21 N '62.

VOCATIONAL EDUCATION
(see also subdivision under Kazakhstan, Lithuania; Tajikistan)
Carrying out the school law is on the agenda. Prof.-tekh. obr. 19 no. 8, 1-2 Ag '62.
Continuing our conversation. E. Pastukh. Prof.-tekh. obr. 19 no. 7 22 Jl '62.
Didactics of vocational education. E. Serebrinnyi. Prof.-tekh. obr. 19 no. 7, 23 Jl '62.
Every technical school should have a student cooperative society. G. Ivanov, M. Sapozhnikov. Sov. potreb. koop. 6 no. 9 40-11 S '62.
For a thorough knowledge of the fundamentals of mechanization and automation. E. Morozov. Prof.-tekh. obr. 19 no. 7 5-8 Jl '62.
Important question. S. Arkhangel'skii. Prof.-tekh. obr. 19 no. 7 22-23 Jl '62.
In the State Committee on Vocational Education of the Council of Ministers of the U.S.S.R. Prof.-tekh. obr. 19 no. 8, 11 Ag '62.
Making ready for the new school year. I. Lemin. Prof.-tekh. obr. 19 no. 8 3-4 Ag '62.
School of progressive pedagogical experience. I. Demin. Prof.-tekh. obr. 19 no. 8 10 Ag '62.
Second all-Russian pedagogical lectures. Prof.-tekh. obr. 19 no. 7 23-24 Jl '62.
Study room of the methodology of industrial training. P. Ganzfurs. Prof.-tekh. obr. 19 no. 8, 10-11 Ag '62.
We are using mechanized cutting tools. G. Kosykh. Prof.-tekh. obr. 19 no. 7 10 Jl '62.
With the aid of industrial technology. Iu. Nalobin. Prof.-tekh. obr. 19 no. 7, 9-10 Jl '62.

VOCATIONAL EDUCATION—AUDIO-VISUAL AIDS
Diaries of production training. A. Titov. Prof.-tekh. obr. 19 no. 7 12 Jl '62.
Technical study room of a plant. I. Vinnik. Prof.-tekh. obr. 19 no. 7 30-31 Jl '62.

VOCATIONAL GUIDANCE see subdivision under Ukraine

VOLATILITY
Volatility of sodium and potassium chromates. N. S. Afonskii. Zhur. neorg. khim. 7 no. 11, 2640-2641 N '62.

VOLCANIC ASH, TUFF, ETC.
Durability and deformability of a single-layer masonry of tuff stones with regular shape. L. V. Shakhsuvarian. Zh. V. Zakharian. Izv. AN Arm. SSR. Ser. tekh. nauk 15 no. 5, 67-76 '62.

VOLCANOES see subdivision under Crimean Mountains

VOLGA-AKHTUBA FLOOD PLAIN—OAK
Growth of sprout-regenerated oaks in floodlands. I. V. Kharkov. Nauk. pratsi lisohosp. fak. UASHN 16 no. 8: 137-143 '60.

VOLGA-AKHTUBA FLOOD PLAIN—TOMATOES
Tomato culture in the Volga-Akhtuba Flood Plain. N. I. Chulkov. Kons. i ov. prom. 17 no. 12 26-28 D '62.

VOLGA-AKHTUBA FLOOD PLAIN—TOMATOES—VARIETIES
New erect varieties of tomatoes [with summary in English]. N. I. Chulkov. Trudy po prikl. bot., gen. i sel. 34 no. 2, 92-102 '61.

VOLGA-AKHTUBA FLOOD PLAIN—VEGETABLE
Regular separate and joint occurrence of the components in the parasite associations of fishes [with summary in English]. G. S. Markov, N. A. Kosareva. Zool. zhur. 41 no. 10 1477-1487 O '62.

VOLGA HYDROELECTRIC POWER STATION (LENIN)
Lapin, K. K. [Conquerors of the Volga] Pokoriteli Volgi; ocherki. [Kuibyshev] Kuibyshevskoe knizhnoe izd-vo, 1956. 140 p.

VOLGA HYDROELECTRIC POWER STATION (22d CONGRESS OF THE CPSU)—DAMS
Biological method for consolidating the slopes of the dam of the Volga Hydroelectric Power Station (22d Congress of the CPSU). M. F. Gavrish. Les. khoz. 15 no. 10 33-35 O '62.

VOLGA HYDROELECTRIC POWER STATION (22d CONGRESS OF THE CPSU)—SOIL MECHANICS
Construction of a hydroelectric power station on semi-crystalline soil. B. M. Boinov, V. I. Bondarenko. Osn., fund. i mekh. grun. 4 no. 5 18-21 '62.

VOLGA RIVER—BENTHOS
Bottom fauna in the Stalingrad region of the Volga River before its regulation. P. P. Dremkova, M. P. Mitrokhinchenko. Uch. zap. Volg. gos. ped. inst. no. 13 15-28 '61.
Seasonal dynamics of benthos in the Volga River at the gauge line near Dubovka. P. P. Dremkova. Uch. zap. Volg. gos. ped. inst. no. 13 3-15 '61.

VOLGA RIVER—HERRING—FOOD
Food of the larvae of herring in the lower Volga River before and after the construction of the Volgograd Dam. R. P. Matveeva. Trudy Gidrobiol. ob-va 12 235-244 '62.

VOLGA-URAL REGION—GERBILS
Effect of environmental temperature and food moisture on the gerbils Meriones meridianus Pall. and M. tamariscinus Pall. [with summary in English]. N. A. Mokrievich. Zool. zhur. 41 no. 10: 1585-1587 O '62.

VOLGA VALLEY—AGRICULTURE
Academician N. M. Tulaikov and agricultural problems in the Volga region. P. G. Kabanov. Zemledelie 24 no. 7 12-22 Jl '62.

VOLGA VALLEY—CESTODA
Problems of the taxonomy and faunology of cestodes in birds of the middle Volga Valley. A. A. Spasskii. Trudy Gel'm. lab. 11:251-258 '61.

VOLGA VALLEY—GEOLOGY, STRUCTURAL
Toward the knowledge of the nature of Pachezh-Ilalakhun dislocations; manifestation of injection tectonics in the Russian Platform. G. I. Goretskii. Biul. MOIP. Otd. geol. 37 no. 5 80-110 S-O '62.

VOLGA VALLEY—HYDROLOGY
[Hydrogeological yearbook] Gidrologicheskii ezhegodnik. Leningrad, Gidrometeoizd-vo.
1958. Vol. 4. [Caspian basin (except the Caucasus and Central Asia)] Bassein Kaspiiskogo moria (bez Kavkaza i Srednei Azii).
Nos. 4, 8. [Kuybyshev Reservoir (Volga River basin below Cheboksary and the Kama River basin from the Vyatka River to the Volga Hydroelectric Power Station) and the Volga River basin below the Volga Hydroelectric Power Station)] Kuibyshevskoe vodokhranilishche (bassein r. Volgi nizhe g. Cheboksary i bassein r. Kamy nizhe r. Viatki - do Volzhskoi GES) i bassein r. Volgi nizhe Volzhskoi GES. Pod red. G. N. Pavlovoi. 1961. 230 p.

VOLGA VALLEY—MAPS
Russia (1923- U.S.S.R.) Glavnoe upravlenie geodezii i kartografii. [The Volga and Don Valleys, the tourist's map] Povolzh'e i Don; turistskaia karta. 56. 2 fold. maps [With text, 57 p.]

[illegible]Y—REVOLUTION, 1917-1921
Iu. N. [Brotherhood sealed with blood; the [illegible] of internationalists in the struggle for the [illegible]e in the Central Volga Valley during 1918-[illegible]vo, skreplennoe krov'iu; uchastie inostrantsionalistov v bor'be za Sovetskuiu vlast' v [illegible]olzh'e v 1918-1919 gg. [Kuibyshev] [illegible]e knizhnoe izd-vo, 1961. 73 p.

[illegible]Y—TREMATODA
[illegible]vae in freshwater molluscs of the middle [illegible]. R. A. Kuprianova-Shakhmatova. Trudy [illegible] 11:130-143 '61.

ALUMINUM PLANTS
[illegible]e structural elements of an aluminum [illegible]Averianov. Mont. i spets. rab. v stroi. [illegible] N '62.
[illegible]ethods of assembling electrolyzers in [illegible] industry. Iu. A. Boliaev. Mont. i spets. [illegible] 24 no. 11:6-9 N '62.

VOLGOGRAD—HIGHWAY TRANSPORT WORKERS
Everyday attention to young specialists. V. K[illegible] Avt. transp. 40 no. 11:46-47 N '62.

VOLGOGRAD PROVINCE—AFFORESTATION
Reclamation of eroded soils in the right bank area [illegible] middle Don Valley. V. K. Dukhanov. [illegible] 15 no. 10 37-42 O '62.

VOLGOGRAD PROVINCE—AGRICULTURAL EDUCATION
A university on a collective farm. K. Semenov. Agitator no. 12:57 Je '62.

VOLGOGRAD PROVINCE—CUCUMBERS—DISEASES AND PESTS
Nematodes in the sprouts of cucumbers in Stalingrad Province. A. I. Ivanova. Uch. zap. Volg. gos. [illegible] no. 13, 29-40 '61.

VOLGOGRAD PROVINCE—EROSION
Reclamation of eroded soils in the right-bank area [illegible] middle Don Valley. V. K. Dukhanov. [illegible] 15 no. 10 37-42 O '62.

VOLGOGRAD PROVINCE—GAS, NATURAL—GEOLOGY
Features of the structure of the crystalline basement of the Volga Valley portion of Volgograd Province in connection with estimating the outlook for oil and gas in the terrigenous Devonian. O. D. Kazantseva, V. N. Krylatova, L. M. Natidis. Geol. nefti i gaza 6 no. 12 31-37 D '62.

VOLGOGRAD PROVINCE—LOCUSTS
Nutrition of the larvae of Calliptamus italicus. N. A. Mukhin. Uch. zap. Volg. gos. ped. inst. [illegible] 11:133-141 '61.

VOLGOGRAD PROVINCE—NEMATODE DISEASES OF PLANTS
Nematodes in the sprouts of cucumbers in Stalingrad Province. A. I. Ivanova. Uch. zap. Volg. [illegible] no. 13, 29-40 '61.

VOLGOGRAD PROVINCE—PETROLEUM GEOLOGY
Features of the structure of the crystalline basement of the Volga Valley portion of Volgograd Province in connection with estimating the outlook for oil and gas in the terrigenous Devonian. O. D. Kazantseva, V. N. Krylatova, L. M. Natidis. Geol. nefti i gaza 6 no. 12 31-37 D '62.

VOLGOGRAD PROVINCE—ZOOLOGICAL RESEARCH
Study of the fauna of Stalingrad Province during the years of Soviet rule. A. I. Ivanova, [illegible] Uch. zap. Volg. gos. ped. inst. no. 13, 15-54 '61.

VOLGOGRAD REGION—AGRICULTURAL ADMINISTRATION
A rural "economic council." I. Vinogradov. Sov. [illegible] trud. no. 12, 25-30 D '62.

VOL'KENSHTEIN, MIKHAIL VLADIMIROVICH, 1912
Mikhail Vladimirovich Vol'kenshtein; on his 50th birthday. Zhur. strukt. khim. 3 no. 6 651-653 '62.

VOLKOV, GRIGORII IVANOVICH, 1909-1962
G. I. Volkov; obituary. Trakt. i sel'khozmash. 33 no. 13, 3 of cover S '62.

VOLOGDA PROVINCE—FOREST ROADS
Efficiency of roadway covering from reinforced [illegible] slabs on the spans of logging roads. N. I. [illegible] Lv. vys. uchob. zav.; les. zhur. 4 no. 5, 59-64 '61.

VOLOKOLAMSK REGION—PLANTS, PROTECTION OF
Visible, profitable; seminar at a demonstration [illegible] farm. Iu. N. Zaubch. rast. v zash. i bot. 3 no. 8 61 Ag '62.

VOLOSOVO DISTRICT—PASTURES AND MEADOWS
Meadows of the "Kikerino" State Farm in Volosovo District and means for their improvement [with summary in English]. Iu. I. Samoilov. Vest. LGU 17 no. 21, 71-77 22 '62.

VOLOVETS DISTRICT—ATHEISM
Useful meeting. N. Kokhan. Volov. ateist no. 11 [illegible] N '62.

VOLTAGE REGULATORS
Adjusting temperature compensation circuits for precision transistorized voltage stabilizers. V. I. Didenko. Izm. tekh. no. 12, 27-29 D '62.
Dodik, S. D. [Transistorized d.c. voltage and current regulators] Poluprovodnikovye stabilizatory postoiannogo napriazheniia i toka. Moskva, Izd-vo "Sovetskoe radio," 1962. 352 p.
Magnetic voltage regulator with wide range of regulation. V. P. Milovzorov, N. I. Volkov, V. N. Krutnikov. Elektrichestvo no. 10, 65-71 O '62.
Ring phase detector for high output voltages. E. I. Gal'perin, V. I. Turchenkov. Priborostroenie no. 11 21-22 N '62.

VOLUMETRIC ANALYSIS see Titration

VORKUTA REGION—THAWING
Seasonal soil thawing during the summer of 1954 in the region of the city of Vorkuta. S. S. Nechaev. Izv. Komi fil. Geog. ob-va SSSR no. 7, 121-124 '62.

VOROGUSHIN, IURII VLADIMIROVICH, 1913-

Ivanova, T. D. IUrii Vladimirovich Vorogushin. Leningrad, Knudozhnik RSFSR, 1962. 15 p. illus., plates. (Khudozhniki Rossiiskoi Federatsii. Tula)
(MH)

VORONEZH—BALLET

Musical Voronezh. N. El'iash. Sov. muz. 26 no. 11: 75-79 N '62.

VORONEZH—MACHINERY INDUSTRY

Modernization of forging crank presses at the Voronezh TMP plant. V. I. Degtiarev, P. N. Vysotskii. Kuz. -shtam. proizv. 4 no. 10: 39-42 O '62.

VORONEZH—OIL INDUSTRIES

We shall fulfill the seven-year plan two years ahead of time. A. A. Artemov. Masl.-zhir. prom. 28 no. 11: 3-4 N '62.

VORONEZH—OPERA

Musical Voronezh. N. El'iash. Sov. muz. 26 no. 11: 75-79 N '62.

VORONEZH—STORMS

Squall and hurricane in Voronezh. I. D. Leonov. Priroda 51 no. 12: 106-107 D '62.

VORONEZH PROVINCE—BIOGRAPHY

[Good people; sketches of people of Voronezh Province] O liudiakh khoroshikh; ocherki o liudiakh zemli Voronezhskoi. [Red. I. E. Tolstoi. Voronezh, Voronezhskoe knizhnoe izd-vo, 1961]. 226 p.
(MH)

VORONEZH PROVINCE—ELECTRICITY IN AGRICULTURE

Building materials production base of the Voronezh Main Administration for Rural Electrification Construction. IU. Mikhailson, P. Savenkov. Sel'. stroi. 16 no. 2: 8-9 F '62.

VORONEZH PROVINCE—FISH CULTURE

Present state and future development of pond fish culture in Voronezh Province. A. F. Fedorov, I. P. Titov. Trudy sov. Ikht. kom. no. 14: 140-141 '62.

VORONEZH PROVINCE—PLANTS, PROTECTION OF

Deeds and plans of the Voronezh people. IU. N. Zashch. rast. ot vred. i bol. 5 no. 2: 7-8 F '60.

VORONEZH PROVINCE—STURGEON BREEDING

Raising the hybrid of beluga and sterlet in the ponds of collective farms in Voronezh Province. I. A. Filipova. Trudy sov. Ikht. kom. no. 14: 185-187 '62.

VORONEZH PROVINCE—WIREWORMS

Mechanization of cluster and strip placement of hexachloran in soils. V. A. Rider. Zashch. rast. ot vred. i bol. 5 no. 2: 13-14 F '60.

VORONIN, VLADIMIR VASIL'EVICH, 1870-1960

Akademiia nauk Gruzinskoi SSR, Tiflis. [Contemporary problems of morphology, physiology and pathology; collection of papers dedicated to the 90th anniversary of Vladimir Vasil'evich Voronin's birth] Sovremennyo problemy morfologii, fiziologii i patologii; sbornik trudov, posviashchennyi Vladimiru Vasil'evichu Voroninu v sviazi s 90-letiem so dnia rozhdeniia. Tbilisi, Izd-vo Akad. nauk Gruzinskoi SSR, 1962. 265 p. [With summary in English]

VOROSHILOVGRAD see Lugansk

VOROSHILOVGRAD PROVINCE see Lugansk Province

VOYEYKOVO REGION (LENINGRAD PROVINCE)—ATMOSPHERIC ELECTRICITY

Observations of corona currents from an artificial point in Voyeykovo. V. P. Kolokolov, K. A. Semenov. Trudy GGO no. 136: 53-61 '62.

VULCANIZATION

Basic principles of designing the outer shape of sectional boiling bags. I. A. Belen'kii. Kauch. i rez. 21 no. 11: 39-45 N '62.

Device for packing and centering between the elements of a pile of pressure molds in a "Bolshevik" autoclave. E. M. Aristov. Kauch. i rez. 21 no. 11: 46-47 N '62.

Physicomechanical action exerted on felt footwear uppers in the process of rubber sole fastening by vulcanization. V. I. Pimenov, P. I. Arkhipov, L. G. Ermolneva. Nauch.-issl. trudy TSNIKP no. 32: 95-103 '60.

Using the method of ultraviolet absorption spectra for determining the organic ingredients in rubber mixtures and their vulcanizates. O. N. Sotkina, A. M. Popova, O. P. Galanov. Kauch. i rez. 21 no. 11, 53-56 N '62.

Vulcanization of fluorine-containing copolymers with polyamines with the use of infrared spectroscopy [with summary in English]. A. S. Novikov and others. Vysokom. soed. 4 no. 12: 1799-1805 D '62.

VYCHEGDA RIVER—INLAND WATER TRANSPORTATION

Problems of developing river transportation in the Vychegda Basin. G. V. Zagainova. Izv. Komi fil. Geog. ob-va SSSR no. 7: 31-36 '62.

VYCHEGDA RIVER—REGULATION

Discussion of the project for diverting the runoff of the northern rivers of Pechora and Vychegda into the Caspian Sea Basin. I. A. Brattsev. Izv. Komi fil. Geog. ob-va SSSR no. 7: 132-133 '62.

VYCHEGDA VALLEY—STONE AGE

New materials on the archaeology of the Vychegda Basin. G. M. Burov. Izv. Komi fil. Geog. ob-va SSSR no. 7: 86-97 '62.

VYSHINSKII, ANDREI IANUAR'EVICH, 1883-1954

We should eliminate the surviving traces of the cult of personality of Soviet law (conclusion). Sov. fust. no. 8: 1-7 Ap '62.

WAGE PAYMENT SYSTEMS

Amendment to the list for assigning enterprises, organizations of railroad transportation, subways, and their subsections to the managerial, engineering and technical wage groups. Biul. Gos. kom. po vop. truda i zar. platy no. 1: 5 '62.

WAGES
(see also subdivision under Komi A.S.S.R., White Russia)

Goloshchapov, S. A. [Wages during the period of practical training in industry] Oplata truda v period proizvodstvennogo obucheniia. Moskva, Gos. izd-vo lunid. lit-ry, 1961. 53 p.
(NNC)

In the State Committee on Problems of Labor and Wages of the Council of Ministers of the U. S. S. R. and the All-Union Central Council of Trade Unions. Sots. trud 7 no. 11: 141-143 N '62.

"Material incentives for workers in the U. S. S. R." by F. S. Veselkov. Reviewed by IU. Demin. Polit. samoobr. 8 no. 12: 114-117 D '62.

Mutsinov, G. V. [The seven-hour workday and new wage conditions in the U. S. S. R. industry] Semichasovoi rabochii den' i novye usloviia oplaty truda v promyshlennosti SSSR. Moskva, Gosiurizdat, 1962. 92 p. (Iuridicheskie konsul'tatsii dlia naseleniia v voprosakh i otvetakh)

Simplified accounting of drivers' wages. T. Drizina, A. Ferber. Avt. transp. 40 no. 12: 28-31 D '62.

Wages for heavy work performed at high temperatures. Sel'. mekh. no. 10: 18 '62.

Wages for those transferred to work with less pay as a result of work stoppage. Sots. trud 7 no. 11: 139-140 N '62.

"Wages in U. S. S. R. industry and its improvement," edited by E. I. Kapustin. Reviewed by R. Avrov. Sots. trud 7 no. 11: 148-151 N '62.

WAGES—APPRENTICES

Replies to our readers. Sov. profsoiuzy 18 no. 22: 10 N '62.

WAGES—AUDITING AND INSPECTION see subdivision under Azerbaijan

WAGES—CLOTHING INDUSTRY see subdivision under Leningrad

WAGES—CONSTRUCTION WORKERS

Application of Decision No. 423, April 20, 1959, of the Council of Ministers of the U. S. S. R.; letter No. 249, of the Ministry of Finance of the U. S. S. R., August 15, 1959. Sbor. post., prik. i instr. po fin. -khoz. vop. 27 no. 11: 10-14 N '59.

WAGES—ELECTRIC EQUIPMENT INDUSTRY see subdivision under Kharkov

WAGES—FOREST WORKERS

Supplements and amendments to the uniform work norms for loading and unloading, and payment of wages to drivers of truck-mounted cranes and loaders in forest industry and forestry. Biul. Gos. kom. po vop. truda i zar. platy no. 4, 3-4 '62.

WAGES—INLAND WATER TRANSPORTATION

Revise ship-hour norms. S. Kachalov, N. Bronin. Rech. transp. 21 no. 12: 12-14 D '62.

WAGES—LONGSHOREMEN

Loading and unloading works in seaports. E. Korsakov, V. Peretrutov. Sots. trud 7 no. 11: 117-122 N '62.

WAGES—VETERINARIANS

Official pay rates for workers in veterinary establishments. Biul. Gos. kom. po vop. truda i zar. platy no. 4: 6 '62.

WAGES AND LABOR PRODUCTIVITY

The law of increasing labor productivity and some trends in the development of labor costs [with summary in English]. D. K. Trifonov. Vest. LGU 17 no. 23: 5-15 '62.

WALLS

Effect of moisture on exterior walls. S. Permiakov, I. Telegina. Stroi. i arkhit. Mosk. 11 no. 11: 15-17 N '62.

Plastic wall panels. S. Beliaev. Arkhit. SSSR no. 11: 42-43 '62.

Sealing and insulating joints of outer walls. G. Dubravin. Stroi. i arkhit. Mosk. 11 no. 10: 13-14 O '62.

WAR

Moscow. Voenno-politicheskaia akademiia. Kafedra dialekticheskogo i istoricheskogo materializma. [Marxism-Leninism on war and the army] Marksizm-leninizm o voine i armii. 3., perer. i dop. izd. Pod obshchei red. Fedorova, G. A., Sushko, N. IA., Belogo, B. A., Moskva, Voenizdat, 1962. 374 p.

WAR AND RELIGION

For a lasting peace on earth. Voiov. ateist. no. 7: 2-4 Jl '62.

WAR CRIME TRIALS see subdivision under Germany, West

WAR MEMORIALS see subdivision under Moscow

WARBLERS see subdivision under Kyurdamir region

WAREHOUSES—ACCOUNTING

Simplifying the reports of employees in charge of materials. V. Kalupov. Bukhg. uchet 18 no. 11: 51-56 N '62.

WAREHOUSES—EQUIPMENT AND SUPPLIES

Snezhkov, A. A. [Automation in warehouses] Avtomatizatsiia na skladakh. Moskva, Mashgiz, 1962. 207 p.

WARSAW—SINGING—COMPETITIONS

The Soviet song resounds. Olga Lada. Sov. muz. 26 no. 10: 130 O '62.

WASTE, DISPOSAL OF see Industrial wastes

WASTE HEAT

Dynamic heating and cooling by using the heat of discarded water. L. M. Rozenfel'd, IU. S. Zvorono, V. V. Onosovskii. Gidr. stroi. 33 no. 10: 26-31 O '62.

WATER

Basic planetary primary source of natural waters of the earth. V. I. Dergolits. Izv. AN SSSR. Ser. geol. 27 no. 11: 18-31 N '62.

Determining the amount of water retained in cellulose. N. Kh. Rosh'er. Trudy LTA no. 91: 21-26 '60.

WATER—AERATION

Mechanical measures for the aeration of carp ponds in summer. G. I. Shpet. Trudy sov. Ikht. kom. no. 14: 126-129 '62.

WATER—ANALYSIS

Isotopic analysis of oxygen in water by the persulfate method [with summary in English]. A. I. Brudakii, I. V. Gol'denfel'd, I. P. Gragerov. Zhur. anal. khim. 17 no. 7: 893-895 O '62.

Micromethod for the photometric determination of oxygen in waters rich in organic substances [with summary in English]. L. T. Rezseva. Zhur. anal. khim. 17 no. 7: 874-877 O '62.

Use of "sulfonazen" for the photometric determination of lead in fresh and mineralized waters [with summary in English]. A. I. Markova. Zhur. anal. khim. 17 no. 8: 952-954 N '62.

WATER—COMPOSITION
(see also subdivision under Glubokoye, Lake, Moscow Province; Kakhovka Reservoir; Latgale)

Sixteenth Hydrochemical Conference. V. G. Datsko and others. Zhur. VKHO 7 no. 6: 690 '62.

WATER—DISTRIBUTION

Automation of units for maintaining water pressure. I. L. Fedotov. Ved. i san. tekh. no. 11: 27 N '62.

Detection of leaks in water supply systems. L. I. Moroz. Ved. i san. tekh. no. 11: 2-6 N '62.

WATER—ELECTROLYSIS

Electro-ionite method of purifying waste waters from plants manufacturing chromium compounds. A. S. Shubin, L. M. Smirnova, V. M. Novakovskii. [Trudy] UNIKHIM no. 9: 161-160 '61.

Properties and application of ionite diaphragms. A. S. Shubin, V. M. Novakovskii. [Trudy] UNIKHIM no. 9: 136-163 '61.

WATER—FLUORIDATION

Unit for fluoridation of water. A. V. Liutov. Ved. i san. tekh. no. 11: 26 N '62.

WATER—MICROBIOLOGY

Microbial plankton of water. A. S. Razumov. Trudy Gidrobiol. ob-va 12: 60-100 '62.

WATER—OPTICAL PROPERTIES

Color of water in lakes and seas. D. A. Tornogradskii. Priroda 51 no. 12: 121 D '62.

WATER—OXYGEN CONTENT

Effect of artificial food and excretory products of fishes on the oxygen regime in ponds. M. B. Fel'dman, G. I. Shpet. Trudy sov. Ikht. kom. no. 14: 77-83 '62.

WATER—POLLUTION

Higher aquatic plants and their relation to the contamination of continental bodies of water. N. M. Kabanov. Trudy Gidrobiol. ob-va 12: 410-416 '62.

Role of the water factor in transmitting infection in the epidemiology of acute intestinal diseases. A. P. Korovkin. Zdrav. Tadzh. 9 no. 5: 18-21 '62.

WATER—PURIFICATION
(see also subdivision under Berlin, West)

Operation of large-diameter clarifiers. M.M Blyushtein, E.D.Babenkov. Vod.i san.tekh. no.10:15-18 O '62.

Optimum control of the working conditions of contact clarifiers. L.Sh.Kagan-Barskii. Vod.i san.tekh. no.10:21-22 O '62.

Pressure clarifiers and a filter for low-discharge water-supply systems G.A.Romanov. Vod.i san.tekh. no 10:16-20 O '62

"Removal of radioactive isotopes from water and sewage" by G V IAkimov Reviewed by B T Goldobin Vod i san tekh no 9 39-40 '62.

Reuse of water from washing filters on municipal water pipes N T Lubochnikov Vod i san. tekh no 9 31-32 '62

Using aluminum hydroxychloride for coagulation in water purification. B.M.Shchepaev. Vod.i san.tekh. no.10:13-14 O '62.

Using microstrainers. V.F.Sokolov, O.A.Khalezova, M.I.Prakhova. Vod.i san.tekh. no.10:8-9 O '62.

Utilization of the water from washing filters. IU. B Bagotskii, A A Borzakova Vod i san. tekh no 9 8-10 '62

WATER, UNDERGROUND
(see also subdivision under Balkhash Lake region; Dnieper Valley, Fergana, Golodnaya Steppe, Kazakhstan, Molochnaya Valley, Syrian Desert)

Applying the flow factor for the determination of a depression curve. S A. Dzhamalov, K. A. Kudriavtseva Trudy Geol inst Dag fil AN SSSR 2 252-255 '60

Behavior of water during magmatic and postmagmatic processes. D S.Korzhinskii Geol rud mestorozh no 5 3-12 S-O '62

Dubrovskii, V. V. [How to search for underground waters] Kak iskat' podzemnye vody. Izd.2., dop. i ispr. Moskva, Gosgeoltekhizdat, 1962. 35 p. (Biblioteka iskatelia poleznykh iskopaemykh)

New method for calculating the movement of ground waters L A Snegirev Gidr i mel 14 no 11 31-34 N '62

State of water in supercritical regions as related to the problems of subsurface mineralization A A Shternberg Geol.rud mestorozh no 5 13-18 S-O '62

WATER, UNDERGROUND—ANALYSIS see subdivision under Sherubay-Nura Valley

WATER, UNDERGROUND—THERMAL PROPERTIES see subdivision under Turkmenistan

WATER BIRDS see subdivision under Bering Sea

WATER BIRDS—PARASITES see Parasites—Water birds

WATER CLOSETS

Extending the length of service and eliminating leaks in the flush tank. P.L.Izraitel'. Vod.i san.tekh. no.10: 35-36 O '62.

WATER HAMMER

Recording the pressure of water hammer in a pipeline. N.A.Gretsov, G.G Pavlov Izv. TSKHA no. 4 236-239 '62.

Water pumping from deep wells making use of the phenomena of negative water hammer [with summary in English]. N.A.Gretsov, G G.Pavlov Izv TSKHA no. 4 181-192 '62.

WATER HEATERS

New types of water heaters. IU Sosnin Zhil.-kom. khoz. 12 no 6:13 Je '62

WATER METABOLISM

Disorder of water metabolism in the pathogenesis of arterial hypotony. G.V.Arkhangel'skii. Trudy Gos. nauch.-issl. inst. psikh. 25:733-736 '61.

WATER PIPES

Connection of water circulation pipelines to an operational water-pipe system without interruption of its operation. IA.I.Kruglikov. Elek.sta. 33 no.11: 86 N '62

Shevelev, F.A. [Tables for hydraulic calculations for steel, cast-iron and asbestos-cement water pipes] Tablitsy dlia gidravlicheskogo rascheta stal'-nykh, chugunnykh i asbestotsementnykh vodoprovodnykh trub. Izd.3. Moskva, Gosstroiizdat, 1962. 140 p. (Vodosnabzhenie)

WATER POWER

Features of hydroelectric power in the economy of fuel L A Karol' Trudy MEI no. 35 5-18 '61

Forecasting of the annual distribution of stream flow. A. P. Kesminas, T L. Zolotarev. Trudy MEI no 35: 157-164 '61

WATER RESOURCES DEVELOPMENT see subdivision under China, Karshi Steppe, Latvia, Mongolia

WATER SUPPLY
(see also subdivision under China; Ossetia, North; Transcaucasia)

Estimation of the exploitable reserves of underground waters in water-bearing layers which are limited in area. F.M.Bochever. Razved.i okh.nedr. 28 no.11: 41-47 N '62.

[Manual on communal hygiene] Rukovodstvo po kommunal'noi gigiene. Moskva, Medgiz. Vol. 2 1962 763 p.

Problem concerning the choice of parameters of the economy of the water resources complex E Khuan-tin, [Yen Huang-t'ing] Trudy MEI no 35 179-192 '61

WATER SUPPLY—CLASSIFICATION

Russia (1923- U.S.S.R.) Gosudarstvennaia komissia po zapasam poleznykh iskopaemykh. [Instructions on classifying exploited reserves of underground waters] Instruktsiia po primeneniiu klassifikatsii eksploatatsionnykh zapasov podzemnykh vod. Moskva, Gosgeoltekhizdat, 1962. 84 p.

WATER SUPPLY, RURAL

Theoretical principles underlying many-day regulation of centralized systems of rural water supply [with summary in English]. N.A.Karambirov. Izv.TSKHA no.4:164-172 '62.

WATER-SUPPLY ENGINEERING
(see also subdivision under Kazakhstan, Netherlands; Poland)

Vibration boring of shallow wells for water supply A.K. Tokarev Vod i san tekh no.11 6-9 N '62.

WATER TOWERS see subdivision under Siberia

WATER TURBINES see Hydraulic turbines

WATER VAPOR

Absorption of solar radiation by water vapor according to observations conducted at different altitudes. N I. Kozhevnikov, E.A, Makarova, G F Sitnik. Vest. Mosk. un. Ser. 3:Fiz., astron. 17 no.6:73-79 N-D '62.

Infrared spectra of phthalocyanines. Part 3. Interaction of sublimated films of phthalocyanines with water vapors. A.N.Sidorov. Opt.i spektr. 13 no.5: 668-672 N '62.

Role of water vapors in the reactions of the vapor-phase catalytic oxidation of aromatic compounds. V.S. Kudinova and others. Zhur prikl.khim. 35 no.10: 2313-2318 O '62

WATER VAPOR—CONGRESSES

International Coordinating Committee on the Properties of Water Vapor. A.M Sirota. Vest.AN SSSR 32 no.12:85-86 D '62.

WATER VOLES

Investigating water vole populations of land tracts from an airplane. P.A.Panteleev. Zashch. rast. ot vred. i bol 6 no.8 43-44 Ag '61.

WATER VOLES—EXTERMINATION see subdivision under Siberia, Western

WATER-WORKS INTAKES see Intakes (Hydraulic engineering)

WATERPROOFING

Improving the waterproofing of boots made with Russian leather. M.M.Bernshtein. Nauch.-issl.trudy TSNIKP no.32:103-122 '60.

WAVE GUIDES

Amplitude modulation of oscillations in a waveguide. M.S. IAnovskii, B.N.Kniaz'kov. Radiotekhnika 17 no 12 33-37 D '62.

Electromagnetic waves in waveguides with cross-shaped cross section A.IA.IAshkin. Radiotekhnika 17 no.12 38-47 D '62.

WAVE MECHANICS

Abstract spectrum analysis. D.V. Anosov. Priroda 51 no.12:40-51 D '62.

A dispersion equation for an ordinary wave, which takes the wave magnetic field into account. V P Gor'kov. Vest. Mosk. un. Ser. 3:Fiz., astron. 17 no. 6:28-31 N-D '62.

Waves caused by periodic pressures on the surface of a viscous fluid flow. L.V.Cherkesov. Izv.AN SSSR. Otd.tekh.nauk. Mekh.i mashinostr. no.6:50-55 N-D '62.

Wave function and energy of a NaCl crystal with an excess electron. Z.IA.Evseev, K.B.Tolpygo. Fiz tver. tela 4 no.12:3544-3553 D '62.

WAVES

(see also subdivision under Black Sea; Kayrakum Reservoir)

Depth tsunami. A.Igoriev. Znan.ta pratsia no.8:16-18 Ag '62.

Reflection of elastic shear waves from the interface of two anisotropic media. K.S Aleksandrov Kristallografiia 7 no 5:735-741 S-O '62.

Second All-Union Symposium on Wave Diffraction. B.D. Tartakovskii. Usp fiz.nauk 78 no 4:701-721 D '62

WAVES—MEASUREMENT

Use of photoelectric recording of interference rings of uniform inclination in measurements of length and wavelengths. N.R.Batarchukova, IU.P.Efremov. Trudy inst.Kom.stand., mer i izm.prib. no.56:15-26 '61.

WEATHER—MENTAL AND PHYSIOLOGICAL EFFECTS

Meteorotropic reactions in atherosclerosis of the vessels of the brain, neuroses and traumatic encephalopathies. E.I Kulikova (Lebedinskaia). Trudy Gos nauch.-issl.inst.psikh. 35 745-752 '61.

WEATHER FORECASTING

Method of forecasting fields of humidity, cloudiness and precipitation L. A. Kuznetsov. Meteor i gidr. no.12,9-15 D '62.

Short-range weather forecast based on the solution of complete system of thermohydrodynamic equations S.A. Beznikov. Meteor.i gidrol. no.11:12-19 N '62.

What is the weather tomorrow, comrade space? V. Bugaev. Znan.-sila 37 no 9 25-26 S '62

WEATHER SIGNALS

Storm warning signals should be simplified. V. Rost Mor.flot 22 no.12:26-27 D '62.

WEAVING—BIBLIOGRAPHY see Bibliography—Weaving

WEDGES

Calculations for a strip under any loading lying on a fourth of an elastic surface. T. A Malikova. [Trudy] NII osn. no.40:33-59 '62.

Computation of displacements and stresses on the edges of a fourth of a surface under concentrated forces which are normal and tangential to the boundary. O Shekhter. [Trudy] NII osn. no.40:17-32 '62.

WEED CONTROL
(see also subdivision under Krasnodar Territory, Moldavia, Siberia, Western; Virgin Territory)

Herbicide 2,4-D in the control of sinapis weeds V Baiko, V. A. Alabushev Zashch. rast. ot vred. i bol 7 no 2,22 F '62

WEED CONTROL—BIOLOGICAL CONTROL

Biological control of weeds. V.V. IAkhontov. Zashch. rast. ot vred. i bol. 6 no.8,50-51 Ag '61.

WEED KILLERS see Herbicides

WEEVILS

The weevil Tanymecus dilaticollis Gyll S G Mamed A F. Lukashevich Zashch rast ot vred i bol 7 no 56 Ag '62

WEIGHING MACHINES

Experimental investigation of scale cans. S.N. Kotelnikov and others. Trudy Inst. chern. met. AN UkrSR 16:9-11 '62.

WEIGHT THROWING

Coordinative relations of muscle activity in shot-putting V.M Lobedev. Teor.i prak.fiz kul't. 25 no.9,67 S '62.

WEIGHTLESSNESS

Isakov, P.K., and R.A. Stasevich. [Speed, acceleration, weightlessness; some problems in physics and physiology in connection with atmospheric and space flight] Skorosti, uskorenia, nevesomost'; nekotorye voprosy fiziki i fiziologii primenitel'no k poletam v atmosfere i kosmicheskom prostranstve. Izd.2., pererab. i dop. Moskva, Voenizdat, 1962. 148 p. (Nauchno-populiarnaia biblioteka voennogo izdatel'stva)

WEIGHTS AND MEASURES—TABLES, ETC.

Gotman, P.E. [Theoretical weights of ferrous and nonferrous metals and metal products] Teoreticheskie vesa chernykh i tsvetnykh metallov i metalloizdelii, spravochnik. Moskva, Metallurgizdat, 1962. 543 p.

WEIRS

Weir with thin walls and a removable mill. V.V. Koshkin Gidr i mel 14 no. 11 25-30 N '62.

WELDING

Commission on Welding in the State Committee of the Council of Ministers of the U.S.S.R on Automatic Control in Machinery Manufacture. Svar. proizv. no.9:41-42 S '62.

Competition among members of the Communist Youth League for a better participation in the creation of specialized and model welding enterprises V.S Volodin. Svar. proizv. no.5:44-45 My '62

Conference on welding in vacuum. L.S. Kovalishin. Svar. proizv. no.9:42-43 S '62.

Consultation on readers' letters. V.F. Tiurin, A.M. Markin. Svar.proizv. no.11:48 N '62.

Improving the quality of the welding of joints of reinforced concrete elements. A. Brodskii, IU Rokin Na stroi. Ros. 3 no.8.31-36 Ag '62

New achievements in welding. Svar. proizv. no.11:1-N '62.

Welding linoleum by high-frequency current. N. Popov Stroi. i arkhit. Mosk. 11 no 10 31-32 O '62

WELDING—BIBLIOGRAPHY see Bibliography—Welding

WELDING—CONGRESSES

Annual report of Commission 2 "Arc Welding" at the 14th Congress of the World Institute of Welding. Translated by E. P. Bogacheva. Svar.proizv. no.5 42 44 '62.

WELDING — CONGRESSES (Continued)
Congress of welders. M. V. Khanapetov. Mont i spets. rab. v stroi 24 no. 12:28 D '62.
Lithuanian Republican Conference on Welding. N. B. Komkov. Svar. proizv. no. 12:45 D '62.
Republican conference of Moldavian welders. A. A. Mosiak. Svar. proizv. no. 9:43 S '62.
Seminar on welding. N. IA. Turchin Elek. sta. 33 no. 11:94-95 N '62.

WELDING—EQUIPMENT AND SUPPLIES
Mechanizing the removal of backing from weld joints. M. I. Zakiatin Svar. proizv. no. 9 29-30 S '62
Nechaev, A. S. and others. [Mill for the production of spirally welded tubes] Stan dlia proizvodstva spiral'no-svarnykh trub. [Cheliabinsk] Cheliabinskoe knizhnoe izd-vo, 1961. 50 p.
Ways of further automatizing and introducing over-all mechanization in welding. V. S. Volodin Svar. proizv no. 5:1-2 My '62.

WELDING—EXPLOSIVES see Explosives in welding

WELDING—SAFETY MEASURES
Consultations on readers' letters. A. V. Roslavtsev, B. A. D'iakov. Svar. proizv. no. 9 46 S '62.
Standardizing the design of grounding devices manual arc welding B. Stanek. Svar. proizv no 9:31-32 S '62

WELDING—TESTING
Effect of methods of preparation for the welding up of casting defects in G13L steel on the quality of weld joints. M. M. Timofeev. Svar. proizv. no. 5:37-38 My '62.
Evaluating the strength of welded joints with a soft interlayer R. Z. Shron, O. A. Bakshi. Svar proizv. no 9, 11-11 S '62
Strength during the static tension of weld joints with a soft padding. O. A. Bakshi, R. Z. Shron Svar. proizv no. 5:6-10 My '62.

WELLS
(see also subdivision under White Russia)
Device for hoisting pipes. M. Pliasunov. Sel' mekh no. 10:26-27 '62.
Driven wells. D. Derbaremdiker. Sel'. mekh no. 10 37-38 '62.

WEST GERMANY see Germany, West

WEST SIBERIAN PLAIN—EPIDOTE
Neogenic zoisite and epidote in sandstones of the Kiyaly series as revealed by the Pudino cross section of the test hole I-R in the West Siberian Plain. G. N. Perozio. Trudy SNIIGGIMS no. 10:120-122 '60.

WEST SIBERIAN PLAIN—FELDSPAR
Authigenic feldspars in Lower Cretaceous and Jurassic sandstones in the central part of the West Siberian Plain, based on materials of the Pudino test hole I-R. G. N. Perozio. Trudy SNIIGGIMS no. 10:135-142 '60.

WEST SIBERIAN PLAIN—GEOLOGY, STRUCTURAL
Disjunctive tectonics and methods for its detection in the West Siberian Plain. L. V. Derbikov, M. P. Grishin, I. M. Agul'nik. Trudy SNIIGGIMS no. 10:5-14 '60.
Geomorphological evidence of hidden tectonic structures in the West Siberian Plain. L. A. Rogozin. Trudy SNIIGGIMS no. 10:184-190 '60.
Tectonic pattern of the Pur-Taz-Yenisey interfluve. A. M. Zagorodnov, M. I. Zalipukhin. Trudy SNIIGGIMS no. 10:23-40 '60.

WEST SIBERIAN PLAIN—GLAUCONITE
Glauconite formations in Eocene sediments in the western part of the West Siberian Plain. T. I. Gurova. Trudy SNIIGGIMS no. 10:117-119 '60.

WEST SIBERIAN PLAIN—MINERALS
Some characteristics of the association of Mesozoic and Cenozoic stable and unstable accessory minerals in the West Siberian Plain. T. I. Gurova. Trudy SNIIGGIMS no. 10:130-134 '60.

WEST SIBERIAN PLAIN—RADIOLARIA, FOSSIL
Late Cretaceous radiolarians of the West Siberian Plain and Turgay Gates. R. L. Lipman. Trudy VSEGEI 77:271-321 '62

WEST SIBERIAN PLAIN—SEISMIC PROSPECTING
Fluvial method for seismic prospecting. A. K. Shmelev. Trudy SNIIGGIMS no. 10:49-59 '60.

WEST SIBERIAN PLAIN—ZOISITE
Neogenic zoisite and epidote in sandstones of the Kiyaly series as revealed by the Pudino cross section of the test hole I-R in the West Siberian Plain. G. N. Perozio. Trudy SNIIGGIMS no. 10:120-122 '60.

WESTERN EUROPE see Europe, Western

WESTERN SIBERIA see Siberia, Western

WHALE OIL
Hydrogenation of sperm whale oil over a fixed catalyst to produce higher alcohols. D. B. Orochkin and others. Zhur. prikl. khim. 35 no. 11:2504-2508 N '62.

WHALES see subdivision under Bering Sea; Pacific Ocean

WHALING see subdivision under Antarctic regions

WHALING—EQUIPMENT AND SUPPLIES
Spinning rod for catching whales. IU. Medvedev. Izobr. i rats. no. 12:10 D '62.

WHEAT
(see also subdivision under Donetsk Province; Kazakhstan, Ukraine)
Distribution of tryptophan in the proteins of milled wheat products [with summary in English]. L. F. Kriuk. Trudy VNIIZ no. 38:229-231 '60.
Effect of gamma rays on the gluten and baking quality of wheat flour [with summary in English]. A. B. Bakar, E. S. Iolchinskaia. Trudy VNIIZ no. 38 87-95 '60.
Effect of large doses of gamma rays on the carbohydrate complex of wheat [with summary in English]. N. I. Sobedov, Z. B. Drozdova. Trudy VNIIZ no. 38:25-30 '60.
Effect of nicotinic acid on the growth and development of spring wheat. E. D. Bogdanova. Izv. AN Kazakh. SSR, Ser. bot. i pochv. no. 3:74-80 '62.
Effect of some actinomycetes on wheat rhizosphere bacteria Report No 1 [with summary in English] K. I. Andriiuk, O. V. Vladymyrova Mikrobiol zhur 24 no. 2:22-29 '62
Hygienic evaluation of grain irradiated with radiocobalt [with summary in English]. E. N. Vasil'eva, I. A. Okuneva, IU. P. Kukel'. Trudy VNIIZ no. 38 115-121 '60.
Seeding rates and dates for winter wheat in non-Chernozem areas K. N. Godunova Zemledelie 24 no. 7 27-31 Jl '62

WHEAT—ANALYSIS AND CHEMISTRY
Methods for quantitative determination of free amino acids in wheat [with summary in English]. E. M. Sabitskaite, B. P. Pleshkov. Izv. TSKHA no. 1:96-101 '62.
Micromethod for determining gluten in wheat grain [with summary in English]. N. P. Kozlmina, V. N. Il'ina, A. T. Naumova. Trudy VNIIZ no. 38 129-141 '60.

WHEAT—DISEASES AND PESTS
(see also subdivision under Altai Territory, Khmel'nitskiy Province, Pugachev District, Stavropol Territory, Ukraine, White Russia)
Benzene hexachloride in the control of dwarf bunt of wheat. A. L. Starchevoi. Zashch. rast. ot vred. i bol. 6 no. 8:17-19 Ag '61.
Practice in controlling common bunt of wheat on the Totskoye State Farm. A. D. Tretiin. Zashch. rast. ot vred. i bol. 6 no. 8:19-20 Ag '61.

WHEAT—FERTILIZERS AND MANURES see subdivision under Central Black Earth region, Ukraine

WHEAT—STORAGE see subdivision under Siberia

WHEAT—VARIETIES see subdivision under Ossetia, North

WHEAT RUSTS see subdivision under Ukraine

WHITE RUSSIA—ACCOUNTING—STUDY AND TEACHING
Demands of life. I. S. Kiseikov. Uchet i fin. v kolkhoz. i sovkhoz. 19 no. 12:46 D '62.

WHITE RUSSIA—AGRICULTURAL MACHINERY—CONGRESSES
Current problems of agricultural mechanization in the non-Chernozem zone. V. Moiseev. Ekon. sel'khoz. 33 no. 11:112-114 N '62.

WHITE RUSSIA—AGRICULTURE—ECONOMIC ASPECTS
Miadzvedzeu, V. F. [Intensification as a way of developing agriculture] Intensifikatsyia - shliakh razvitstsia sel'skai haspadarki. Minsk, Dziarzh. vyd-va sel'skaha-spadarchai lit-ry BSSR, 1962. 43 p. (Rashenni XXII z'ezda KPSS u dzeiannl)

WHITE RUSSIA—APPLE—DISEASES AND PESTS
Application of Trichogramma against the codling moth in White Russia T. T. Bezdenko. Zashch. rast. ot vred. i bol. 5 no. 2:16-17 F '60.

WHITE RUSSIA—ASPEN
Effect of site conditions on the composition of aspen forests and aspens mixed with other trees of different formations. P. IA. Platrouski. Vestsi AN BSSR, Ser bilial. nav. no. 3:26-31 '62.

WHITE RUSSIA—AUTUMN
November. A. Kusrou. Belarus' 10 no. 11:31 N '62.

WHITE RUSSIA—BARLEY—DISEASES AND PESTS
Amount of damage caused by the frit fly Chlorops pumilionis Bjerk. N. A. Dubrovskaia. Zashch rast. ot vred. i bol 5 no 2:9-10 F '60.

WHITE RUSSIA—BOTANICAL RESEARCH
Development of botanical science in White Russia in the light of the resolutions of the 22d Congress of the CPSU. I. D. IUrkevich, L. P. Smaitak, N. V. Kuzlouskaia Vestsi AN BSSR. Ser. bilol. nav. no. 3:5-12 '62.

WHITE RUSSIA—CLAY
Production of agloporite from lean clayey rock in the White Russian S. S. R. L. K. Petrov, Kh. R. Grinshtein, IA. A. Furman. Shor. trud. VNIINSM no. 6:136-150 '62.

WHITE RUSSIA—CODLING MOTH—BIOLOGICAL CONTROL
Application of Trichogramma against the codling moth in White Russia. T. T Bezdenko Zashch. rast ot vred. i bol. 5 no 2:16-17 F '60.

WHITE RUSSIA—COLLECTIVE FARMS
Lebedev, N. I. [Ideological work of the Communist Party of White Russia in the country and its role in creating the collective-farm system] Ideologicheskaia rabota KPB v derevne i ee rol' v sozdanii kolkhoznogo stroia. Minsk, Izd-vo M-va vysshego, srednego spetsial'nogo i professional'nogo obrazovaniia BSSR, 1962. 83 p. (Iz istorii KPB)

WHITE RUSSIA—COMMERCE—LATVIA
Trade relations of Riga with Polotsk, Vitebsk, and Smolensk in the 13th-14th centuries. E. Muravskaia. Izv. AN Latv. SSR no. 2:31-42 '61.

WHITE RUSSIA—COMMUNIST PARTY OF THE SOVIET UNION
[Problems in the history of the Communist Party of White Russia during the postwar period] Nekotorye voprosy istorii KPB v poslevoennyi period. [Redkol.: N. N. Akimov i dr.] Minsk, Izd-vo M-va vysshego, srednego spetsial'nogo i professional'nogo obrazovaniia BSSR, 1961. 206 p. (MH)
TSelikova, K. T. [Efforts of the Communist Party of White Russia to intensify its ideological work in rural areas, 1953-1958] Deiatel'nost' KPB po usileniiu ideologicheskoi raboty v derevne, 1953-1958 gg. Minsk, Izd-vo M-va vysshego, srednego spetsial'nogo i professional'nogo obrazovaniia BSSR, 1962. 45 p. (Iz istorii KPB)

WHITE RUSSIA—CONSTRUCTION INDUSTRY
Who should construct buildings in rural areas? V. Savel'ev, A. Kanaev. Sov. deput. trud. no. 11:61-65 N '62.

WHITE RUSSIA—CULTURE
Hlybinny, Ul. [Fate of White Russian culture under the Soviets] Dolia Berlaruskae kul'tury pad Savetami. Munich, In-t dlia Vyvuchen'nia SSSR, 1958. 162 p. (NU)

WHITE RUSSIA—DRAINAGE
Performance of tile drainage under conditions of flooded drain mouths V. M. Zuhets, A. I. Murashko Gidr. i mel 14 no 11, 11-48 N '62.

WHITE RUSSIA—ELECTRIC EQUIPMENT INDUSTRY—PRODUCTION STANDARDS
Technically based standards and the planning of labor productivity. E. Sokolov. Sots. trud 7 no. 11:94-97 N '62.

WHITE RUSSIA—EROSION
Zhilko, V. V. [Erosion control in White Russia] Borba s eroziei pochv v Belorusskoi SSR. Minsk, Gos. izd-vo sel'khoz. lit-ry BSSR, 1962. 30 p. (DNAL)

WHITE RUSSIA—FARM MECHANIZATION
Zlobin, N. I. [Over-all mechanization for fields and farms] Kompleksnaia mekhanizatsiia na polia i fermy. Minsk, Gos. izd-vo sel'khoz. lit-ry BSSR, 1962. 32 p. (Reshenila XXII s'ezda KPSS v deistvii)

WHITE RUSSIA—FOREST FIRES
Practices in the improvement of the production of pole-size pine trees damaged by ground fires. I. V. Gunia-zhenko. Shor. nauch. trud BLTI no. 11:61-76 '58

WHITE RUSSIA—FOREST REPRODUCTION
Dynamics of regeneration under the canopy of oak-dominant spruce-hornbeam forests. V. G Mishnov. Shor nauch. trud. BLTI no. 11:47-61 '58.

WHITE RUSSIA—FOREST SOILS
Studying soil conditions and the production of some types of spruce forests. I. D. IUrkevich, B. S. Gelod. Shor nauch. trud BLTI no. 11:5-12 '58.

WHITE RUSSIA—FRIT FLIES
Amount of damage caused by the frit fly Chlorops pumilionis Bjerk. N. A. Dubrovskaia Zashch. rast. ot vred. i bol. 5 no. 2:9-10 F '60

WHITE RUSSIA—FRUIT—DISEASES AND PESTS
Combined use of biological and chemical methods for the control of orchard pests T. T. Bezdenko. Zashch. rast. ot vred. i bol. 7 no. 6:26-28 Je '62.

WHITE RUSSIA—GEOLOGY, STRATIGRAPHIC
Pap, A. M. [Magmatic and metamorphic complexes in the Pre-Cambrian of the White Russian S. S. R.] Magmaticheskie i metamorficheskie kompleksy dokembriia BSSR. Minsk, Izd-vo Akad. nauk BSSR, 1962. 231 p.

WHITE RUSSIA—HISTORY
Polulian, V. A., and L. V. Polulian. [Revolutionary and national liberation movement in western White Russia from 1920 to 1939] Revoliutsionnoe i natsional'no-osvoboditel'noe dvizhenie v Zapadnoi Belorussii v 1920-1939 gg. Minsk, Gosizdat BSSR, 1962. 220 p.

WHITE RUSSIA—INSTRUMENT INDUSTRY—PRODUCTION STANDARDS

Technically based standards and the planning of labor productivity. E. Sokolov Sots. trud 7 no. 11:94-97 N '62.

WHITE RUSSIA—LABOR AND LABORING CLASSES

Marchenko, I. E. [White Russian workers in the postwar period, 1945-1950] Rabochii klass BSSR v poslevoennye gody, 1945-1950. Minsk, Izd-vo Akad. nauk BSSR, 1962. 257 p.

WHITE RUSSIA—LIVER FLUKE

Zharikov, I. S., IU. G. Egorov, and A. F. Bobkova. [Fascioliasis of farm animals and its control] Fastsiolez sel'skokhoziaistvennykh zhivotnykh i bor'ba s nim. Minsk, Sel'khozgiz BSSR, 1962. 63 p. (DNAL)

WHITE RUSSIA—LUPINE

Qualitative composition and content of alkaloids in the lupine. A. V. Mironenka. Vestsi AN BSSR. Ser. biial. nav. no. 3:58-66 '62

Strelkov, I. G., M. D. Nagorskaia, and I. P. Ostrovoi. [Perennial lupine] Mnogoletnii lupin. Minsk, Gos. izd-vo sel'khoz. lit-ry BSSR, 1962. 47 p. (DNAL)

WHITE RUSSIA—MACHINERY INDUSTRY

Pashkevich, B. V. [Material stimulation of labor] O material'nom stimulirovanii truda. Minsk, Izd-vo Akad. nauk BSSR, 1962. 105 p.

WHITE RUSSIA—MOTION PICTURES

New films produced by the White Russian Motion-Picture Studio. K. Ramanouski. Belarus' 19 no. 12 20-21 D '62.

WHITE RUSSIA—PARASITES—DOMESTIC ANIMALS

Zharikov, I. S., IU. G. Egorov, and A. F. Bobkova. [Fascioliasis of farm animals and its control] Fastsiolez sel'skokhoziaistvennykh zhivotnykh i bor'ba s nim. Minsk, Sel'khozgiz BSSR, 1962. 63 p. (DNAL)

WHITE RUSSIA—PINE

Calculating the fruiting of pine plantations in White Russia using the biological method. IU. N. Azniev. Shor nauch. trud BLTI no. 11:55-63 '58

Practices in the improvement of the production of pole-size pine trees damaged by ground fires. I. V. Guniazhenko Shor nauch. trud. BLTI no. 11:64-76 '58.

WHITE RUSSIA—PLANTS, PROTECTION OF

In the Council of Ministers of White Russia. V. V. Zashch. rast. ot vred. i bol. 7 no. 4 32 Ap '62.

In White Russia. A. F. Markovets, A. F. Mezin Zashch. rast. ot vred. i bol. 7 no. 2 3-6 F '62

WHITE RUSSIA—POLITICS AND GOVERNMENT

How the White Russian S.S.R. helped to work out the constitutional forms of the Soviet Federation. S. P. Margunskii. Sov. gos. i pravo 32 no. 12 84-88 D '62.

"With the masses and under their supervision" by V. I. Kozlov. Reviewed by N. Ermolovich. Sov. deput. trud. no. 11:87-89 N '62.

WHITE RUSSIA—POPLAR

Introduction of poplars and possibilities of raising them in the forests of White Russia. K. F. Miron. Shor. nauch. trud BLTI no. 11:86-100 '58.

WHITE RUSSIA—POTATO BEETLE—EXTERMINATION

Controlling the Colorado beetle. I. A. Churaev. Zashch. rast. ot vred. i bol. 7 no. 4:51-52 Ap '62.

WHITE RUSSIA—PRODUCTION STANDARDS

From the conference of workers on labor problems in the Economic Council of the White Russian S. S. R. Sots. trud 7 no. 11:32-39 N '62.

WHITE RUSSIA—RAILROADS—SWITCHES

Smykov, E. K. [Examples of calculations for the laying and straightening of switches on curves] Primery raschetov ukladki i vypravki strelochnykh perevodov v krivykh. Gomel', Belorusskii in-t inzhenerov zhel-dor. transporta, 1962. 39 p. [MICROFILM]

WHITE RUSSIA—RELATIONS (GENERAL) WITH CZECHOSLOVAKIA

Zdenek Nejedly on White Russia. A. Mazheika. Belarus' 19 no. 12:25 D '62.

WHITE RUSSIA—RELATIONS (GENERAL) WITH FOREIGN COUNTRIES

Letters from our friends. L. Fryd. Belarus' 19 no. 12: 19 D '62.

WHITE RUSSIA—REPATRIATION

In his homeland. I. Charniauski. Belarus' 19 no. 11: 20-21 N '62.

WHITE RUSSIA—REVOLUTION, 1917-1921

Shkliar, E. N. [The struggle of the workers of the Lithuanian-White Russian S.S.R. with the forces of foreign intervention and internal counterrrevolution, 1919-1920] Bor'ba trudiashchikhsia Litovsko-Belorusskoi SSR s inostrannymi interventami i vnutrennei kontrrevoliutsiei, 1919-1920 gg. Minsk, Gos. izd-vo BSSR, 1962. 176 p. (CSI-H)

WHITE RUSSIA—ROTATION OF CROPS

Skarapanau, S. H. [Heading for row crop cultivation] Kurs na prapashnuiu sistemu zemliarobstva. Minsk, Dziarzh. vyd-va sel'skahaspadarchai lit-ry BSSR, 1962. 20 p. (Rashenni XXII z'ezda KPSS u dzeianiti) (DNAL)

WHITE RUSSIA—RUSSIAN SOCIAL DEMOCRATIC PARTY

IAfremava, O. I. [Struggle for the triumph of Marxist idea in the labor movement in White Russia, 1907-1914] Barats'b za peramohu marksistskikh idei u rabochym rukhu Belarusi, 1907-1914 hh. Minsk, Dziarzhvyd BSSR, 1962. 118 p.

WHITE RUSSIA—SOCIAL COMPETITION

Akademiia nauk BSSR, Minsk. Institut filosofii. [For the victory of communist labor] Za pobedu kommunisticheskogo truda; dokumenty i materialy. Minsk, Izd-vo Akad. nauk BSSR, 1962. 375 p.

WHITE RUSSIA—SPRAYING AND DUSTING EQUIPMENT

Contribution by the machine operators of interdistrict units. V. V. Volchenko, I. M. Makaluta. Zashch. rast. ot vred. i bol. 7 no. 4 7-8 Ap '62.

WHITE RUSSIA—SPRUCE

Studying soil conditions and the production of some types of spruce forests. I. D. IUrkevich, D. S. Golod. Shor. nauch. trud BLTI no. 11:5-42 '58

WHITE RUSSIA—TRICHOGRAMMA

Combined use of biological and chemical methods for the control of orchard pests. T. T. Bezdenko. Zashch. rast. ot vred. i bol. 7 no. 6 26-28 Je '62.

WHITE RUSSIA—WAGES

From the conference of workers on labor problems in the Economic Council of the White Russian S. S. R. Sots. trud 7 no. 11:32-39 N '62.

WHITE RUSSIA—WELLS

Zakrzhevskii, E. R. [Reconditioning and using dug wells] Restavratsiia i ekspluatatsiia shakhtnykh kolodtsev. Minsk, Gos. izd-vo sel'khoz lit-ry BSSR, 1962. 36 p.

WHITE RUSSIA—WHEAT—DISEASES AND PESTS

Amount of damage caused by the frit fly Chlorops pumilionis Bjork. N. A. Dubrovskaia. Zashch. rast. ot vred. i bol. 5 no. 2:9-10 F '60.

WHITE RUSSIA—WINTER

December. A. Kurskou. Belarus' 19 no. 12:31 D '62.

WHITE RUSSIAN LANGUAGE—ADVERB

Shuba, P. F. [The adverb in White Russian; a morphologic study] Prysloue u belaruskai movo; marfalagichny narys Minsk, Vyd-va Akad. navuk BSSR, 1962. 190 p.

WHITE RUSSIAN LITERATURE—HISTORY AND CRITICISM

Faktarovich, D. [Soviet White Russian literature in foreign countries] Belaruskaja savetskaia literatura za miazhoi. Minsk, Dziarzh. vyd-va BSSR, 1961. 89 p. (MH)

WHITE RUSSIAN PAINTERS see Painters, White Russian

WHITE RUSSIAN NEWSPAPERS

First comments. I. Bas. Belarus' 19 no. 11:17-19 N '62

WHITE RUSSIAN PERIODICALS

The 40th anniversary of the periodical "Polymia." IAnka Skryhan. Belarus' 19 no. 12:23 D '62.

WHITEFISHES see subdivision under Latvia; Moldavia

WHITEHEAD, ALFRED NORTH, 1861-1947

Subjectivist and idealistic nature of Alfred N. Whitehead's theory of symbolism [with summary in English, p. 186]. A. A. IAkushev. Vop. filos. 16 no. 12:117-128 '62.

WILDLIFE, CONSERVATION OF see subdivision under Berezhany region

WILLOWS—DISEASES AND PESTS see subdivision under Siberia, Western

WILNO see Vilnius

WINCHES

Scraper winches for underground work. M. I. Bogorats. Standartizatsiia 26 no. 12:34-35 D '62.

WINCHES—SAFETY REGULATIONS

Danilov, P. P. [Safety regulations for electric winches] Pamiatka po tekhnike bezopasnosti dlia mashinista elektricheskoi lebedki. Moskva, Gosstroiizdat, 1962. 23 p. (Tekhnika bezopasnosti v stroitel'stve)

WINDBREAKS, SHELTERBELTS, ETC. see subdivision under Kamennaya Steppe

WINDING MACHINES

Creative activity. G. Apanovich. Mashinostroitel' no. 11:4-5 N '62.

Machine for winding coil cores of magnetic heads. I. Z. Kotatov, A. M. Medvedev. Priborostroenie no. 11. 25 N '62.

WINDOWS

"Termik" airtight windows. V. Gromov Stroi. i arkhit. Mosk. 11 no. 10:32-33 O '62

WINDS

(see also subdivision under Sevan, Lake)

Features of a wind field on the edges of [illegible]. C. M. Shmeter. Meteor. i gidrol. no. 11 30-37 N '62.

Field studies of wind currents along the observation [illegible] where there is deep water in the Kuybyshev Reservoir. I. S. Boiko. Trudy GGI no. 99:117-202 '62

Instruments for measuring temperature fluctuations and wind velocities, and instruments for the statistical analysis of measurements. V. M. Rovshevova and others. Trudy Inst. fiz. atm. no. 4:22-29 '62.

Map of a numerical prediction of wind in the free atmosphere. A. I. Burtsev, I. P. Veilov. Meteor. i gidrol. no. 11:3-11 N '62.

Spectra of fluctuations of the vertical wind velocity component and their relation with meteorological conditions. A. S. Gurvich. Trudy Inst. fiz. atm. no. 4: 101-136 '62.

WINE AND WINE MAKING see subdivision under Georgia; Kura Lowland, Vedi

WINTER see subdivision under Baikal Lake region; White Russia

WINTER SPORTS

Fifth Winter Spartakiad of Trade Unions. Teor. i prak. fiz. kul't. 25 no. 10:72-73 O '62.

WIRE BROADCASTING

Reception of wire broadcasting programs using a [illegible] cast receiver. L. Kantor. Radio no. 11:27-28 N '62.

WIRE ROPE

High durability drilling ropes. P. P. Gastrov Stroi. neft. 7 no. 12:28 D '62.

Mechanized cable distributor. V. R. Kokoulin Mekh. stroi. 19 no. 12 21-22 D '62

WIRE ROPE—TESTING

Automatic arrangement for rope winding on a test stand. L. M. Bystrevskii. Sudostroenie 28 no. 11 57 N '62

Investigating fatigue strength of shaped wires for bearing ropes. V. P. Semenov. Trudy LPI no. 219:84-91 '62

WIRELESS OPERATORS see Radio operators

WIREWORMS see subdivision under Krasnodar Territory, Moscow Province; Voronezh Province

WIREWORMS—EXTERMINATION

Controlling wireworms. A. F. Chenkin. Zash. rast. ot vred. i bol. 7 no. 6:56 Je '62.

Poisoned barriers for corn protection against wireworms. I. I. Soboleva-Dokuchaeva. Zashch. rast. ot vred. i bol. 7 no. 4:43 Ap '62.

WIRING, ELECTRIC see Electric railroads—Wires and wiring

WITCHCRAFT see subdivision under Bamberg, Germany

WOLFF-PARKINSON-WHITE SYNDROME

Case of the combination of the syndrome of [illegible] ventricle stimulation (Wolff-Parkinson-White) with nodal rhythm. V. A. Ovsiankin. Kardiologiia 2 no. 4 71-73 S-O '62.

WOMEN

(see also subdivision under Azerbaijan; Bengal Germany, East; Mexico; Vietnam, North)

News from everywhere. Zhen. mira no. 3:4-5 '61

WOMEN—CONGRESSES

A world gathering of women for disarmament. Zhen. mira no 3:4 '62

WOMEN—EMPLOYMENT

(see also subdivision under France)

Abreast of the times. Gizela Stockmann and others. Zhen. mira no. 3:18-21 '62

Problems of the women who make our clothes and shoes. Hana Vorlova. Vnesh. prof. dvizh. no. 11:34-37 N '62.

At the Fifth Trade Union Congress they told us ... Lina Fibbi and others. Zhen. mira no. 3 5 0 '62

WOMEN—PERIODICALS

Letters to the editor. Zhen. mira no. 3:5, 31 '62

WOMEN—SOCIETIES, ETC. see subdivision under Nigeria

WOMEN, ALGERIAN

Fareeda and Zlikha, daughters of Algeria. Layla. Zhen. mira no. 3:30-31 '62.

WOMEN AND PEACE

(see also subdivision under Great Britain; Japan; United States)

Women for disarmament and peace. Zhen. mira no. 3: 5-6 '62.

WOMEN AND RELIGION

Sokolova, V. G. [Religion and women] Religiia i [illegible] shchina. [Perm'] Permskoe knizhnoe izd-vo, 1962. 18 p. (Bibliotechka "Razgovory po dusham")

WOMEN AS ATHLETES see subdivision under Asia

WOMEN AS INVENTORS
Innovations by women. I. Titova. Izobr. i rats. no. 11: 20-21 N '62.

WOMEN IN AGRICULTURE
(see also subdivision under Lyakhovichi District)
Sisters. Iedit. Koretskyi. Ukraina no. 20-22 O '62

WOMEN'S PERIODICALS
Letters to the editor. Zhen. mira no. 8-34 '62.

WOOD
Diffusion of polar substances through the cell walls of wood. IU. M. Ivanov. Zhur. prikl. khim. 35 no. 11 2578-2580 N '62.

WOOD--CHEMISTRY
Gasification of fine chips of various moisture content. V. A. Liamin. Gidroliz. i lesokhim. prom. 15 no. 8 8-11 '62
Improve the standardization of wood-chemical products. Gidroliz. i lesokhim. prom. 15 no. 6 2-3 '62
Investigating chemical processes for obtaining lignin plastics binders. N. IA. Solechnik and others. Nauch. trudy LTA no. 08, 61-68 '62.

WOOD--CHEMISTRY--BIBLIOGRAPHY see Bibliography--Wood--Chemistry

WOOD--MOISTURE
Investigating the moisture of beech wood (Fagus silvatica L.). P. I. Molotkov. Izv. vys. ucheb. zav.; les. zhur. 4 no. 5: 133-136 '61.

WOOD--TESTING
Structure and strength of the wood of coniferous species. V. P. Levchenko. Nauk. pratsi lisohosp. fak. UASHN 16 no. 8, 151-156 '60.

WOOD, COMPRESSED
Irreplaceable substitute. P. N. Khukhrianskii. Mashinostroitel' no. 11 35-37 N '62.
Use of compressed wood in ship repairs. A. Sidorenko. Mor. flot 22 no. 9 34-36 S '62.
Use of larch shavings and sawdust for the manufacture of wood plastics without bonding. I. A. Vakhrusheva, V. N. Petri. Der. prom. 11 no. 11: 8-10 N '62.

WOOD CARVING see subdivision under Ukraine

WOOD-DECAYING FUNGI
House fungi as destroyers of buildings. A. S. Bondartsev. Priroda 51 no. 12: 110-120 D '62.
Laboratory studies on the pine red heart rot. V. M. Bratus', T. S. Kyrylenko. Nauk. pratsi lisohosp. fak. UASHN 16 no. 8: 100-104 '60.

WOOD PRESERVATIVES
Antiseptic properties of shale tar from gas collectors and its mixtures with halogen derivatives of naphthalene. G. E. Shaltyko. Izv. vys. uchab. zav., les. zhur. 4 no. 5 121-127 '61.

WOOD TAR
Possibilities for the utilization of hydrophobic sand treated with wood tar. G. Beliakov, N. Ermusa, A. Kalnins. Izv. AN Latv. SSR no. 3: 85-90 '61

WOOD-USING INDUSTRIES
Expedite the application of the recommendations of the Scientific and Technical Society. S. G. Gorchenkov. Gidroliz. i lesokhim. prom. 15 no. 8 1-2 '62.

WOOD-USING INDUSTRIES--BIBLIOGRAPHY see Bibliography--Wood-using industries

WOOD-USING INDUSTRIES--TABLES, CALCULATIONS, ETC.
Parkhomenko, V. M., and M. S. Shafarenko. [Engineering and economic calculations in wood processing] Tekhniko-ekonomicheskie raschety po derevoobrabotke. Moskva, Goslesbumizdat, 1962. 148 p.

WOOD WASTE
Gasification of fine chips of various moisture content. V. A. Liamin. Gidroliz. i lesokhim. prom. 15 no. 8: 8-11 '62
Make better use of wood waste. V. A. Rassypnov. Les. khoz. 15 no. 10, 89-90 O '62.

WOODEN PIPE see Pipe, Wooden

WOODPULP
Improving woodpulp cooking methods. A. M. Mosiagin. Bum. prom. 37 no. 11: 21-23 N '62.
Organic sulfur compounds in sulfate pulp cooking. B. D. Bogomolov, G. F. Proshkin. Izv. vys. ucheb. zav.; les. zhur. 4 no. 5: 147-155 '61.
Polyacrylamide is an efficient coagulation agent in papermaking. M. G. Sokolova, K. F. Shakh. Bum. prom. 37 no. 11: 24-25 N '62.
Woodpulp purification. I. A. Khristiuk. Bum. prom. 37 no. 11: 26 N '62.

WOODPULP INDUSTRY see subdivision under Czechoslovakia; Finland; Kara-Kalpak A.S.S.R.; Kherson

WOODPULP INDUSTRY--BIBLIOGRAPHY see Bibliography--Woodpulp industry

WOODPULP INDUSTRY--BY-PRODUCTS
Basin, D. M., A. I. Kozlov, and E. P. Rakuta. [Economics of the utilization of spent sulfite liquor] Ekonomika pererabotki sul'fitnykh shchelokov. Moskva, Goslesbumizdat, 1962. 89 p.

WOODPULP INDUSTRY--EQUIPMENT AND SUPPLIES
(see also subdivision under Kherson)
[Equipment and technology of the printing industry] Ref. zhur. Otd. vyp. 37 Obor. i tekh. poligr. proizv. no. 24 D '62.

WOODPULP INDUSTRY--RESEARCH
The carrying out of the research work plan by the All-Union Scientific Research Institute of Woodpulp Industry. Bum. prom. 37 no. 11: 30 N '62.

WOODWORK see subdivision under Georgia

WOODWORKING INDUSTRIES see subdivision under Bulgaria, Komi A.S.S.R.

WOODWORKING INDUSTRIES--BIBLIOGRAPHY see Bibliography--Woodworking industries

WOODWORKING INDUSTRIES--EQUIPMENT AND SUPPLIES
Akademiia budivnytstva i arkhitektury URSR. Ukrainskii nauchno-issledovatel'skii institut mekhanicheskoi obrabotki drevesiny. [Mechanization and automation of woodworking processes] Mekhanizatsiia i avtomatizatsiia protsessov derevoobrabotki, sbornik trudov. Kiev, Gosstroiizdat USSR, 1962. 73 p.

WOODWORKING INDUSTRIES--HYGIENIC ASPECTS see subdivision under Latvia

WOODWORKING INDUSTRIES--QUALITY CONTROL
Prokof'ev, N. M., and Sh. I. Butikashvili. [Quality and dimension control in woodwork] Kontrol' kachestva i razmerov v derevoobrabotke, stenogramma lektsii, prochitannaia v LDNTP dlia brakerov i kontrolerov OTK derevoobrabatyvaiushchikh predpriiatii. Leningrad, Leningrad. dom nauchno-tekhn. propagandy, 1962. 59 p.

WOODWORKING MACHINERY
Afanas'ev, P. S. [Woodworking machinery] Derevoobrabatyvaiushchie mashiny; spravochnik. Moskva, Mashgiz, 1962. 575 p.
Device for debarking short length paper wood. N. I. Smirnov. Bum. prom. 37 no. 11: 20 N '62.
Grubo, A. E. [Design and construction of hard alloy wood-cutting tools] Konstruirovanie tverdosplavnykh derevorezhushchikh instrumentov; stenogramma lektsii, prochitannykh v LDNTP dlia inzhenerno-tekhnicheskikh rabotnikov predpriiatii i uchrezhdenii derevoobrabatyvaiushchei i mebel'noi promyshlennosti. Leningrad, 1962. 86 p. (Leningradskii dom nauchno-tekhnicheskoi propagandy. Seriia: Derevoobrabatyvaiushchaia promyshlennost')
Mechanism for sawing apertures in baseboards. A. D. Vikhrev. Der. prom. 11 no. 11: 22-23 N '62.
Modernization of the trimmer. P. L. Fadin. Der. prom. 11 no. 11, 21-22 N '62.

WOODY PLANTS
(see also subdivision under Alma-Ata; Kamenets-Podol'skiy region)
Dynamics of growth of the root systems of one-year-old seedlings of local and introduced woody plants during the growing period. A. A. Novikova. Vestn. AN BSSR, Ser. biol. nauk, no. 3: 37-46 '62
Effect of growth substances on woody plants. M. V. Zhuravleva. Les. khoz. 15 no. 10: 17-19 O '62
Zaborovskii, E. P. [Fruits and seeds of tree and shrub species] Plody i semena drevesnykh i kustarnikovykh porod. Moskva, Goslesbumizdat, 1962. 302 p. (DNAL)

WOODY PLANTS--DISEASES AND PESTS
Doddera in the floodland forests of the southeast of the U. S. S. R. [U. V. Sitdaeskii. Zashch. rast. ot vred. i bol. 5 no. 2: 28-29 F '60

WOODY PLANTS--FERTILIZERS AND MANURES
Foliar feeding of seedlings and young forest plantations. A. V. Savina. Les. khoz. 15 no. 10, 36-37 O '62

WOOL
Effect of tissue preparations on the wool yields of sheep. M. V. Venenkov. Zhivotnovodstvo 24 no. 9 37-38 S '62.
Role of the pigmentation of the wool cover in the protection of the organism against excessive ultraviolet radiation [with summary in English]. V. Fliak. Izv. TSKHA no. 4: 228-232 '62.

WOOL--TRANSPORTATION
Conveyor for transporting wool. R. Kaplan, A. Khan. Tekh. v sel'khoz. 22 no. 10: 30-33 O '62.

WOOLEN AND WORSTED SPINNING
Gakol', R. A. [Wool spinning machinery with continuous action; condenser spinning] Sherstopriadil'nye mashiny nepreryvnogo deistviia; apparatnoe priadenie. Izd. 2., peror. i dop. Moskva, Rostekhizdat, 1962. 261 p. (Uchebniki i uchebnye posobiia dlia podgotovki rabochikh massovykh professii)

WORK
Akademiia pedagogicheskikh nauk RSFSR, Moscow. Institut psikhologii. [Psychology of training for work] Voprosy psikhologii obucheniia trudu. Pod red. A. A. Smirnova. Moskva, Izd-vo APN RSFSR, 1962. 257 p.
For the victory of communist labor. V. G. Podmarkov. Vop. filos. 16 no. 12: 145-150 '62.
Markov, N. V. [Physical and intellectual work under communism] Fizicheskii i umstvennyi trud pri kommunizme. Moskva, Izd-vo "Sovetskaia Rossia," 1962. 187 p.

WORK CLOTHES
Norms of work clothes for workers in forestry and forest industries. M. M. Borodin. Les. khoz. 15 no. 7: 86-88 Jl '62

WORK CLOTHES--CLEANING
Chemical cleaning of work clothes. M. Dereviankin. Avt. transp. 40 no. 12: 8 D '62.

WORK MEASUREMENT
Quantitative expression of the qualitative indicators of attitude to work [with summary in English]. A. G. Zdravomyslov. Vest. LGU 17 no. 23: 100-102 '62.

WORKS COUNCILS
(see also subdivision under Barnaul; Kazan; Leningrad)
Increase the role of permanently scheduled production conferences. V. V. IAkovlev. Energetik 10 no. 11: 33-34 N '62.

WORLD COUNCIL OF CHURCHES
Declaration of the consultative conference of the World Council of Churches on peace and disarmament in Geneva, June 20-22, 1962. Brat. vest. no. 4: 23-24 '62.
Letter from the delegation of workers of the World Council of Churches to Nikodim, Archbishop of Yaroslavl and Rostov. Lucas Fisher. Zhur. Mosk. Pats. no. 10: 42-43 O '62.

WORLD POLITICS
Brief news on international events. Nov. vrem. 20 no. 51 32 D '62
Brief news on international events. Nov. vrem. 20 no. 50: 32 D '62.
Brief news on international events. Nov. vrem. 20 no. 52: 32 D '62
The first coordinating meeting to discuss the comprehensive history of the international workers' and national liberation movements. Obshchestv. nauki v Uz. 6 no. 10: 73-74 '62
The Great October Revolution and the destiny of the peoples of Asia and Africa. I. Plyshevskii. Az. i Afr. segodnia no. 11 2-4 N '62.
The guarantee of victory lies in the unity of the peace forces. M. Domogatskikh. Agitator no. 11, 27-29 Je '62.
In various continents. IU. Kornilov. Sov. profsoiuzy 18 no. 22: 31-33 N '62.
International commentary. Mezhdunar. zhizn' 10 no. 1: 139-140 Ja '63.
International notes. Nov. vrem. 20 no. 50 14-15 D '62
International notes. Nov. vrem. 20 no. 51: 22-25 D '62
International notes. Nov. vrem. 20 no. 52: 23-25 D '62.
Kharlamova, L. A. [The world should do away with colonialism] Kolonializmu net mesta na zemle. Moskva, Gospolitizdat, 1962. 76 p. (Bibliotechka vneshnei politiki SSSR)
Khrushchev, N. S. [Address to the Sixth Congress of the German Socialist Unity Party, January 16, 1963] Vystuplenie na VI s"ezde Sotsialisticheskoi edinoi partii Germanii, 16 ianvaria 1963 goda. Moskva, Gospolitizdat, 1963. 47 p.
Khrushchev, N. S. [Conversation with G. Cowles, the American publisher] Beseda s amerikanskim izdatelem G. Koulsom. Moskva, Gospolitizdat, 1962. 32 p.

What next? , world public opinion and the Cuban crisis Boris Leont'ev Nov vrem 20 no 51 11-13 D '62

"Who dominates the second half of the 20th century?" [in German] by Fritz Sternberg. Reviewed by L. Kapitonov. Az. i Afr. seg. no. 11:58 N '62.

Year 1962, year 1963.... A. Sovetov. Mezhdunar. zhizn' 10 no 1:3-14 Ja '63.

WORLD WAR, 1939-1945 see subdivision under Abkhazia, Germany, Kazakhstan; Kiev; Kirovograd Province, Lidice, Czechoslovakia; Ukraine, Ukraine, Western; Yakutia

WORLD WAR, 1939-1945—AERIAL OPERATIONS

From war documents. Kryl. i rod. 13 no. 11:18-19 N '62.

WORLD WAR, 1939-1945—CHILDREN

Khazanov, A. S [It happened in the "city of Aillange"] Eto sluchilos' v Allanzhe [Moskva] Molodaia gvardiia, 1962 119 p

WORLD WAR, 1939-1945—DIPLOMATIC HISTORY

"My mission in Danzig, 1937-1939" [in German] by C. J. Burckhardt. Reviewed by A. A Galkin. Vop. ist. no. 11 180-183 N '62.

WORLD WAR, 1939-1945—ECONOMIC ASPECTS

The Kuybyshev party organization's leadership in the adaptation of industry to war purposes, 1941-1942. L. I Samoilova, S. A Barakhovskii. Trudy Kuib av inst. no 11 55-85 '60

WORLD WAR, 1939-1945—MEDICAL AND SANITARY AFFAIRS

Hospital in Yeremeyevka. S. S. Smirnov. Ogonek 40 no. 40:17-21 S '62.

Hospital in Yeremeyevka (to be concluded). S. S. Smirnov. Ogonek 40 no. 38 21-24 S '62.

WORLD WAR, 1939-1945—NAVAL OPERATIONS—SUBMARINE

Nikolaev, V. V. [Submarine service] O sluzhbe podvodnoi. Moskva, Izd-vo DOSAAF, 1962, 85 p.

WORLD WAR, 1939-1945—PERSONAL NARRATIVES

Courage. I. Strel'bitskii. Voen znan. 38 no. 12:6-7 D '62.

"One-hundred and eighty days in combat" by V. I. Chuikov. Reviewed by F. Gavrikov. Voen. znan. 38 no. 12:39 D '62.

WORLD WAR, 1939-1945—SLAVS

Klokov, V. I. [The struggle of the Slavic peoples against the fascist enslavers, 1939-1945] Bor'ba slavianskikh narodov protiv fashistskikh porabotitelei, 1939-1945 gg Kiev, Izd-vo Akad. nauk Ukrainskoi SSR, 1961. 429 p. (RPB)

WORLD WAR, 1939-1945—SUBMARINE OPERATIONS

see World War, 1939-1945—Naval operations—Submarine

WORLD WAR, 1939-1945—UNDERGROUND LITERATURE

Slobodianiuk, I. N. [Glorious pages of history; the press of the underground and of the partisans during the years of the Great Patriotic War, 1941-1945] Slavnye stranitsy istorii; pechat' podpol'ia i partizan v gody Velikoi Otechestvennoi voiny, 1941-1945 gg. Moskva, Izd-vo "Znanie," 1962. 37 p. (Novoe v zhizni, nauke, tekhnike. I Serlia: Istoriia, no. 22)

WORLD WAR, 1939-1945—UNDERGROUND MOVEMENTS

Chernushchenko, O. [The struggle of the Kholyn Communist Youth League underground against the German fascist invaders] Borot'ba kholyns'kykh komsomol'tsiv-pidpil'nykiv proty nimets'ko-fashysts'kykh zaharbnykiv. [Stanislav] Stanislavs'ke oblasne knyzhkovo-hazetne vyd-vo, 1961. 60 p. (MH)

Golosovskii, I. M. [When the broad Dnieper was ablaze] Kogda pylal shirokii Dnepr. Moskva, [Sopolitizdat], 1962. 296 p. (CSt-H)

Heroes do not die. Petr Grishchenko. Sov. Ukr. 12 no. 10:148-154 O '62.

Hospital in Yeremeyevka. S. S. Smirnov. Ogonek 40 no. 40:17-21 S '62.

An international conference on the history of resistance movements D E. Kunina. Vop. ist. no 12:186-191 D '62.

WORM-GEAR see Gearing, Worm

WORMS—EGGS

Radiosensitivity of the eggs of whipworms irradiated during the invasion stage of the larvae. N. P. Shikhobalova, L. S. Paruzhinskaia. Trudy Gel'm. lab. 11: 333-336 '61.

Variation in the radiosensitivity of eggs separated from individual females of Ascaris and Ascaridia. N. P. Shikhobalova, L. S. Paruzhinskaia. Trudy Gel'm. lab. 11:337-339 '61.

WORMS, INTESTINAL AND PARASITIC

(see also subdivision under Amur Province; Amur Valley; Daghestan, Kamchatka, Khabarovsk Territory; Plotnikova River)

Helminthological characteristics of the types of hunting grounds. A. S. Rykovskii. Trudy Gel'm. lab. 11: 223-227 '61.

For helminths described in this publication. Trudy Gel'm. lab 11 435 '61

Types of metabolism in parasitic worms. G. S. Markov. Uch. zap. Volg. gos. ped. inst. no. 13:90-100 '61.

WOUNDS—TREATMENT

Treatment of wounds by calcium electrophoresis. N. A Barsukov. Khirurgiia 38 no. 10 41-44 O '62

WRESTLING

Characteristics of the physical development of master sportsmen in classical and free-style wrestling V A Geselevich Teor. i prak. fiz. kul't. 25 no 10 41-43 O '62.

Methods for improving technique and tactics in competitive wrestling. A. A. Novikov, A. N. Lenis. Teor i prak. fiz. kul't. 25 no. 10:57-59 O '62

Studying the electric activity of muscles in wrestling. Vei TSzun-ven [Wei TSung-wen] Teor. i prak fiz. kul't. 25 no 9:82-86 S '62.

X-RAY ABSORPTION

Liventsev, N. M. [Methodological textbook for the arrangement of practical work in a physics class Use of a dosimeter in studying X-ray absorption by various substances] Metodicheskoe posobie dlia postanovki i vypolneniia v fizicheskom praktikume raboty' Issledovanie pogloshcheniia rentgenovskogo izlucheniia razlichnymi veshchestvami s pomoshch'iu dozimetra. Moskva, Pervyi MOLMI, 1961. 17 p [MICROFILM]

X-RAY CRYSTALLOGRAPHY

Crystalline structure of gagarinite. A. A. Voronkov, N. G. Shumiatskaia, IU. A. Platenko. Zhur. strukt. khim. 3 no. 6 691-696 '62.

Crystalline structure of potassium tetrahydroxydioxyosmate. L. O. Atovmian, V. G. Andrianov, M. A. Porai-Koshits. Zhur. strukt. khim. 3 no. 6, 685-690 '62.

Defects in quartz due to radiation. E. V. Kolontsova, I. V. Telegina. Dokl. AN SSSR 147 no. 3 592-593 N '62.

Determining the elastic energy of pair interaction of impurity atoms in the crystal lattice. A. G. Khachaturian. Fiz. tver. tela 4 no. 10:2840-2844 O '62.

Effect of hardening on vacancy concentration in copper and silver condensates. A. S Palatnik, A. I. Il'inskii. Fiz. tver. tela 4 no. 12:3564-3567 D '62

Effect of the density of dislocations on the phenomenon of anomalous passage of X rays in germanium. O N. Efimov, A. M. Elistratov. Fiz. tver tela 4 no. 10:2908-2916 O '62.

Evaluating the dimensions of mosaic blocks by the width of X-ray lines I. A Zazovskaia, R. V. Pospelova, O. N. Shavrin. Fiz met i metalloved 14 no 2 301-303 Ag '62.

Hydrothermal synthesis and X-ray study of $TRNbTiO_6$ type compounds. A. N. Komkov and others. Dokl. AN SSSR 147 no. 3:687-688 N '62.

Simplified method of allowing for absorption and the temperature factor in formulas describing the intensities of X-ray interferences. R. N. Kuz'min Kristallografiia 7 no. 5 785-787 S-O '62.

Some characteristics of the compressibility of molecular crystals. S S. Kabalkina Fiz. tver. tela 4 no. 11: 3124-3128 N '62

Substructure of spherical single crystals of aluminum depending on crystallization conditions G. V. Indenbaum, D. N. Popov. Fiz. met. i metalloved. 14 no 2: 205-211 Ag '62.

X-ray diffraction analysis of strontium germanate $SrGeO_3$ W Hilmer Kristallografiia 7 no 5:704-708 S-O '62.

X-ray diffraction analysis of the antiferroelectric Pb_2MgWO_6 and the system of solid solutions Pb_2MgWO_6-$PbTiO_3$. A. L. Zastavskii, M. F. Bryzhina Kristallografiia 7 no 5:709-717 S-O '62

X-ray diffraction analysis of the phase transitions in sodium tantalate. I. G. Ismailzade Kristallografiia 7 no. 5 716-723 S-O '62

X-ray diffraction determination of the structure of YBi and YSb. N. N. Zhuravlev, E. M. Smirnova. Kristallografiia 7 no. 5:787-788 S-O '62.

X-ray diffraction study of ordered alloys of the system Mg - Cd [with summary in English]. P. P. Kuz'menko, H. I. Kal'na. Ukr. fiz. zhur. 7 no. 12:1335-1339 D '62.

X rays and crystals; 50th anniversary of Max Laue's discovery. B. N. Delone. Priroda 51 no. 12:85-87 D '62.

X-RAY SPECTROSCOPY

Dependence of the roentgenoluminescence of NaI-Tl crystals on the temperature and activator content [with summary in English]. V. N. Vyshnevs'kyi and others. Ukr. fiz. zhur. 7 no. 12:1292-1297 D '62.

Effect of chemical bonding on the $K_{\alpha 1,2}$ I X-ray emission line in chromium compounds A. Z. Men'shikov, S. A. Nemnonov. Fiz. met. i metalloved. 14 no. 2 186-194 Ag '62.

Effect of small additions of yttrium, lanthanum, and cerium oxide on certain magnetic characteristics of magnesium-manganese ferrites and the X-ray spectra of transition metals in them [with summary in English]. E. E. Vainshtein and others. Poroshk. met. 2 no. 6:72-80 N-D '62.

The structure of X-ray I. M [illegible] in complex solid solutions [illegible] Poroshk. met. 2 no. 6 81 [illegible]

Measurement of the relative int[illegible] tium K_{β_1}-line A Z [illegible] loved 14 no 2 294 [illegible]

X RAYS

Effect of X rays on the electr[illegible] ethyl alcohol on a Pt-anode, [illegible] Kokoulina, P. I. Dolin. Dokl. [illegible] 652 N '62.

Using the laws governing the [illegible] effect in a solid photo[illegible] of "K"-fluorescence of the [illegible] photocathode [with summary] V. N. Shchemelev. Vest. [illegible]

X RAYS—DIFFRACTION

Methods of quantitative phase [illegible] URS-501 diffractometer. [illegible] Sukharevskii, A. M Chuvilo[illegible] no. 5:315-323 '61.

Phase diagrams of solid - liquid [illegible] hydrogen isotopes [with summary] Kogan, B. G. Lazarev, B. I. [illegible] 7 no 7:732-736 Jl '62.

Temperature dependence of the [illegible] intensity in aluminum and [illegible] mary in English]. I. P. Mikh[illegible] H. P. Kushta. Ukr. fiz. zhur. [illegible] '62.

X-ray diffraction study of [illegible] GeO E S. Zhirnov and others [illegible] 7 no 11,2581-2590 N '62.

X-ray study of the breakdown of a [illegible] of Ni in Ge. A. M. Il'inskaia, [illegible] tver. tela 4 no. 12:3492-3495 D '62

X RAYS—INDUSTRIAL APPLICATIONS

Automatic quality control of [illegible] means of high-speed X-ray [illegible] brugov, L. S. Feldman, A. I. [illegible] proizv. no. 12 27-30 D '62

X RAYS—SCATTERING

Crystal lattice defects and the [illegible] V. M. Danilenko, I. V. Tikh[illegible] metallofiz. AN URSR no [illegible]

Investigating short range order [illegible] crystals by the method of diffu[illegible] A. S. Lashko. Sbor. nauch. tr[illegible] no. 15 80-86 '62.

On the theory of X-ray scattering [illegible] and other systems with metal[illegible] V. N. Filipovich Fiz tver tela [illegible] N '62

X RAYS—THERAPEUTIC USE

Successful X-ray therapy of [illegible] legs in chronic lymphatic [illegible] Berliner, L. I. Sinenko. Khir[illegible]

XENON

Xenon anesthesia in man. I [illegible] Smol'nikov. Vest. AMN [illegible]

XENON—ISOTOPES

Difference in the [illegible] of [illegible] krypton and xenon isotopes [with] V. N. Grigor'ev. Ukr. fiz. zhur. [illegible] '62.

XENOPHTHALMICHTHYS

Prososcopa stilbia, 1961 is [illegible] ichtys danae Regan, 1925 (Xe[illegible] Pisces) [with summary in [illegible] zhur 41 no 10:1578-1579 [illegible]

XEROGRAPHY

Developing characteristics in [illegible] I. Sideravičiūtė. Zhur. nauch. i [illegible] 456-459 N-D '62.

XYLENE

Oxidation of organic compounds [illegible] ammonolysis of a mixture of [illegible] Suvorov and others Trudy Inst [illegible] SSR 8:109-114 '62.

Production of o-xylene in Western [illegible] Khim. i tekh. topl. i masel 7 [illegible]

YACHT-BUILDING

Modern measurements of cruising [illegible] D. A. Kurbatov. Sudostroenie [illegible] '62

YACHTS AND YACHTING—MODELS

A "real vessel." E. Udarisev Tekh [illegible] 39 '62.

YAKUTIA—COBALT

Mineral associations and conditions [illegible] mation of cobalt deposits in [illegible] Nekrasov, G. N. Gamianin. Geol. i [illegible] 54-73 N-D '62.

YAKUTIA—ECONOMIC CONDITIONS

The development of Soviet Yakutia G Chirtaev Agitator no 11:18-20 Je '62

YAKUTIA—FOREST INSECTS

Forest pests of central Yakutia E S. Petrenko Les khoz 15 no 10 46-47 O '62

YAKUTIA—WORLD WAR, 1939-1945

Izbekov, D. D [Yakut heroes of the Great Patriotic War] IAkutiane-geroi Velikoi Otechestvennoi voiny. IAkutsk, IAkutskoe knizhnoe izd-vo, 1961. 137 p. (CSt-H)

YALTA—GUIDEBOOKS

Volontsov, E. A. [Yalta, handbook and guide] IAlta; putevoditel'-spravochnik. Izd. 2. Simferopol', Krymizdat, 1962 '25 p.

YAROSLAVL—BOOKSELLERS AND BOOKSELLING

From book fairs to the people's stores. Sov. knizh. torg. 14 no. 11 35-36 '62.

YAROSLAVL—PETROLEUM REFINERIES

Organization of preparatory operations. G. V. Vizirian. Prom. stroi. 40 no. 12 32-36 '62.

YEAST

Differences in the use of glucose by nonsporeforming yeasts (Candida robusta, C. pulcherrima, and C. albicans) with dissimilar morphology of resting cells [with summary in English]. V. I. Kudriavtsev, M. V. Fateeva. Mikrobiologiia 31 no. 3.459-467 My-Je '62.

Dynamics of the deadaptation of L-arabinose-adapted Candida tropicalis yeasts SD-5(T-3) [with summary in English]. IU. N. Karasevich. Mikrobiologiia 31 no. 3 431-112 My-Je '62.

Testing the VSB-M-type modernized yeast separator Z B. Kristall Gidroliz i lesokhim prom 15 no 8 24 '62.

YEMEN—POLITICS AND GOVERNMENT

Freedom after a thousand years of slavery. B. Andrianov. Az. i Afr. sovr. no. 11:50-51 N '62.

YEMILCHINO DISTRICT—BAPTISTS

They are very thankful! P. Vainer. Voiov. ateist no. 9; 34 S '62.

YENISEY VALLEY—GEOLOGY, STRATIGRAPHIC

Comparative mineralogical characteristics of the silt and sand fractions of Mesozoic sediments in the Yenisey Valley part of the West Siberian Plain. L. I. Romodina. Trudy SNIIGGIMS no. 10:109-116 '60.

YENISEY VALLEY—HANDBOOKS, MANUALS, ETC.

Eniseiskoe rechnoe parokhodstvo. [The Yenisey; handbook and guide from Munieinsk to Dudinka] Enisei; putevoditel'-spravochnik ot pristani Minusinsk do pristani Dudinka. Izd. 2., perer. i dop. [Krasnoiarsk] Krasnoiarskoe knizhnoe izd-vo, 1053. 208 p. [PHOTOCOPY]

YEREVAN see Erivan

YERMAKOVSKOYE DISTRICT—FOREST INSECTS—EXTERMINATION

Use of light traps in the mountain areas of the Western Sayan R I Zemkova Zashch. rast. ot vred. i bol. 7 no. 6:15 Je '62.

YESIL' REGION—AGRICULTURE

Letters from virgin land. I. Sterkin. Sel'. mekh. no. 10 8-10 '62.

YOUNG WOMEN

In one rank. Fanny Eshag. Mol. mira no. 5/6:30 '62.

YOUTH

(see also subdivision under Burma; Chile; Japan; Mali; Poland; Portugal)

Burg, David. [Attitudes of opposition among young people during the years after "The Thaw"] Oppozitsionnye nastroeniia molodezhi v gody posle "ottepeli" Munich, In-t po izucheniiu SSSR, 1960. 64 p. (InU)

Grushin, B. A., and Chikin, V. V. [Confession of a generation] Ispoved' pokoleniia. [Moskva] Izd-vo "Molodaia gvardiia," 1962. 247 p.

Juvenile press review. Mol. mira no. 5/6:36-39 '62.

YOUTH—CONGRESSES

At the competitions of the 8th Festival. I. IAunzem. Sov. muz. 26 no. 11:113-116 N '62.

A city on the Vistula River receives guests. G. Sokolovskii. Mol. mira 5/6:20-21 '62.

An exciting holiday of peace and happiness. F. Tarasov. Mol. mira no. 5/6:2 '62.

The hand of friendship is extended to all. Mol. mira no. 5/6:3-4 '62.

An important contribution to the cause of peace and friendship among nations. Pero Peralli. Mol. mira no. 5/6:10-11 '62.

India and the festival in Helsinki. Sarada Mitra. Mol. mira no. 5/6:12-13 '62.

The smile of Suomi. G. Ad'ia. Sovr. Mong. 7 no. 8 8-9 Ag '62.

YOUTH—SOCIETIES, ETC. see subdivision under Brussels; Finland; India; Sweden

YTTRIUM

Anisotropy of the spin wave spectrum in yttrium garnet single crystals. IU. M. IAkovlev. Fiz. tver. tela 4 no. 12:3626-3633 D '62.

Yttrium is a spheroidizer of graphite. E. M Blank, A. S. Filippov, A. D. Popov. Lit. proizv. no. 11:38 N '62

YTTRIUM-BISMUTH-ANTIMONY ALLOYS

X-ray diffraction determination of the structure of YBi and YSb. N N. Zhuravlev, E M. Smirnova Kristallografiia 7 no 5 787-788 S-O '62

YUGOSLAVIA—BIBLIOGRAPHY

[New literature on Yugoslavia] Nov. lit. po IUg. no. 9 '62.

YUGOSLAVIA—COMMERCE—RUSSIA

Communiqué of Soviet-Yugoslav trade negotiations for 1963. Vnesh. torg. 12 no. 12:3 '62.

YUGOSLAVIA—IRON AND STEEL PLANTS

Ferrous metallurgy in the Federal People's Republic of Yugoslavia. V. I. Bulavin. Metallurg 7 no. 12:32-34 D '62.

YUGOSLAVIA—MOTION-PICTURE PLAYS

Pula, 1962. K. Paramonova. Isk kino no. 14:121-120 N '62.

YURUK

The Yuruk in Anatolia. Dm. Eremeev. Az. i Afr. sovr. no. 11.48-49 N '62.

YUZHNYY ALAMYSHIK REGION—OIL FIELD FLOODING

Edge water flooding of the layer 7 of the Yuzhnyy Alamyshik field. A. V. Mavlianov, N. I. Rakhimova. Vop. geol. Uzb. no. 2:182-187 '61.

ZADVORNYKH, ALEKSANDRA MIKHAILOVNA, d. 1962

A. M. Zadvornykh. Zdrav. Kazakh. 22 no. 3:78-79 '62.

ZAGORSK DISTRICT—AGRICULTURAL ADMINISTRATION

The effort to increase production justifies itself A Zamotaev Part. zhizn' no. 23:47-49 D '62

ZAGORSK DISTRICT—INDUSTRIAL MANAGEMENT

The effort to increase production justifies itself. A Zamotaev. Part zhizn' no. 23:47-49 D '62

ZAILIYSKIY ALA-TAU see Trans-Ili Ala-Tau

ZAKATALY DISTRICT—TOMATOES—DISEASES AND PESTS

Big bud of tomatoes in Zakataly District [with summary in Russian]. Z. A. Akhmed-zade. Uch. zap. AGU, Biol. ser. no. 6:27-33 '60.

ZAKATALY DISTRICT—VIRUS DISEASES OF PLANTS

Big bud of tomatoes in Zakataly District [with summary in Russian]. Z. A. Akhmed-zade. Uch. zap. AGU Biol ser. no. 6:27-33 '60.

ZAPOROZHETS, PETR KUZ'MICH, 1873-1905

A disciple of Marx and Lenin; on the 90th anniversary of P. K. Zaporozhts' birth. V. F. Panibud'laska Ukr. ist. zhur. 6 no. 6:133-134 N-D '62.

ZAPOROZH'YE—ELECTRIC EQUIPMENT INDUSTRY

Standardization at the Zaporozh'ye Transformer Plant. V. D. Sanin. Standartizatsiia 26 no. 11:40-41 N '62.

ZAPOROZH'YE—IRON AND STEEL PLANTS

There are potentialities at the "Dneprospetsstal'" plant. B. Sergeev. Metallurg 7 no. 12:20-30 D '62.

ZAPOROZH'YE—OIL INDUSTRIES—EQUIPMENT AND SUPPLIES

Modernization of the ND-1250 extractor. D. F. Agaryshev, D. I. Zadorozhnaia. Masl.-zhir. prom. 28 no. 11:33-34 N '62.

ZAPOROZH'YE—STEEL INDUSTRY

A minute of a steel mill. Borys IAmpol's'kyi. Ukraina no. 24:8-9 D '62.

ZAPOROZH'YE PROVINCE—FARM MANAGEMENT

Introducing efficient specialization of production on state farms in Zaporozh'ye Province. V. M. Rabakhtyna. Visnyk sil'hosp. nauky 5 no. 11:79-80 N '62

ZAPOROZH'YE PROVINCE—QUALITY CONTROL

Production quality control in enterprises of Zaporozh'ye. D. M. Sizov. Standartizatsiia 26 no. 12:32 D '62.

ZAVODOVSKII, ALEKSANDR VASIL'EVICH, 1902-1962

Aleksandr Vasil'evich Zavodovskii; an obituary. Geod. i kart. no. 10:78-79 O '62.

ZEL'TSINA, LIUDMILA

Liudmila Zel'tsina. Vl. Pimenov. Teatr 23 no. 11:155 N '62.

ZEN'KOV PROVINCE—AGRICULTURAL ADMINISTRATION

"The right place." Sov. deput. trud. no. 11:83-84 N '62.

ZEOLITES

Adsorption of monovinylacetylene on zeolites N S Torocheshnikov, N. V Keltsev, V. I Miakinenkov. Zhur. VKHO 7 no 6 694-695 '62.

ZERNOGRAD DISTRICT—AGRICULTURAL MACHINERY—STUDY AND TEACHING

We are studying advanced practices. N. Rudenko. Sel'. mekh no. 10:17 '62.

ZEYA VALLEY—ACANTHOCEPHALA

Acanthocephala in fishes of the Zeya River basin. V. A. Rottman. Trudy Gel'm. lab 11:194-207 '61.

ZHDANOV—BAPTISTS

"Brother in Christ." M. Kosenko. Voiov. ateist no. 6 20-22 S '62.

ZHDANOV—IRON AND STEEL WORKERS—EDUCATION AND TRAINING

Political education is creative work. I. Petrov. Polit. samoobr. 6 no. 12:56-61 D '62.

ZHERNOVKA (SEMIPALATINSK PROVINCE)—FARM LIFE

Anan'ev, A. A. [The people of Zhernovka] Zhernovtsy. Alma-Ata, Kazakhskoe gos. izd-vo, 1962. 133 p.

ZHESHKO, HANNA

Poetess and strugglor Hanna Zheshko. P. I. Kravchuk. Rad. lit. 6 no. 6:125-128 N-D '62.

ZHIGULI MOUNTAINS—MAPLE

Neotony in Norway maple. A. M. Krasnitskii. Bot. zhur. 47 no. 10:1520-1531 O '62.

ZHITOMIR—AGRICULTURAL ADMINISTRATION

The lessons of practical work. V. Oberemko. Sov deput. trud. no. 11:54-60 N '62.

ZHITOMIR PROVINCE—ACCOUNTING—STUDY AND TEACHING

Every accountant must study. N. D. Vasiliuk. Uchet i fin. v kolkhoz. i sovkhoz. 19 no. 12 47 D '62.

ZHITOMIR PROVINCE—ATHEISM

Noble duty. P. Shapran. Voiov. ateist no. 6:20-23 Je '62.

ZHITOMIR PROVINCE—HOPS—DISEASES AND PESTS

"Khmel'" sprayer. IU F. Onufrienko, F. I. Taran, N. I Tonluk. Zashch rast. ot vred. i bol 7 no 8 19-21 Ag '62.

ZHITOMIR PROVINCE—OAK

The murmur of timber oaks. Kost' Kizub. Ukraina no. 20:28-29 O '62.

ZHIVKOV, TODOR, 1911-

Todor Zhivkov. F. Evgen'ev. Mir. ekon. i mezhdunar. otn. no. 12:114-115 D '62.

ZHURIN, VLADIMIR DMITRIEVICH, 1891-1962

Vladimir Dmitrievich Zhurin. Gidr. stroi. 33 no 10 03 O '62

ZIMBABWE, MASHONALAND

Monomotapa, the ancient African civilization in the interfluve of the Zambezi and Limpopo rivers L. A. Fadeev. Trudy inst. etn. 72:3-88 '62.

ZINC

Characteristics of the solution of zinc in orthophosphoric acid. I. E. Titova, T. Partina. Zhur. prikl. khim. 35 no. 10 2343-2345 O '62.

ZINC—METALLURGY

Effect of cyclic thermal treatment on certain physical and mechanical properties of zinc. V. D. Kuznetsov, A. I. Loskutov, A. I. Surnacheva. Izv. vys. ucheb. zav.; fiz. no. 5:23-25 '62.

ZINC—TESTING

Propagation of cracks in zinc plates during their deformation in presence of a locally applied drop of liquid, surface-active metal. B. D. Summ and others. Fiz. met. i metalloved. 14 no. 5:757-765 N '62.

ZINC—THERMAL PROPERTIES

Measurement of the thermodynamic temperature of the equilibrium between solid and liquid zinc and between solid and liquid gold. N. V. Arefieva and others. Trudy inst. Kom. stand., mer i izm. prib. no. 49:13-23 '60.

ZINC-ANTIMONY-COPPER ALLOYS see Copper-zinc-antimony alloys

ZINC CRYSTALS

Characteristics of the anisotropy of cathode sputtering of single crystals. V. E. IUrasova, L. A. Murinson. Izv. AN SSSR. Ser. fiz. 26 no. 11:1445-1448 N '62.

Investigating the dislocation structure in zinc crystals by the method of selective etching. A. A. Predvoditelev, G. V. Bushueva, V. M. Stepanova. Fiz. met. i metalloved 14 no. 5:667-672 N '62.

ZINC INDUSTRY see subdivision under East Kazakhstan Province

ZINC ORES see subdivision under Siberian Platform, Uzbekistan

ZINC PLATING

Electrodeposition and galvanic corrosion of zinc. A V Gorodyskii, O K Kudra Ukr khim zhur 28 no 7 812-815 '62

Electrodeposition of zinc and lead at given high current densities G A. Fmel'tanchenko, E IA Baibarova Ukr khim zhur 28 no 7 809-811 '62

Zinc plating of parts with the use of ultrasonic waves. Z. N. Marakhtanova Mashinostroitel' no 11-32 N '62.

Zonal corrosion in pores of cathode-polarized zinc A F Nikiforov. Ukr khim zhur 28 no 7 875-878 '62

ZINC SELENIDE CRYSTALS—SPECTRA

Radiation spectrum of ZnSe hexagonal single crystals E. F. Gross, L. G. Suslina Fiz. tver tela 4 no. 12: 3677-3680 D '62.

ZINCOGRAPHY

Geodakov, A. L. [Zincography] TSinkografiia. Moskva, Izd-vo "Iskusstvo," 1962 309 p

ZININ, NIKOLAI NIKOLAEVICH, 1812-1880

Nikolai Nikolaevich Zinin, 150th anniversary of his birth Gil'm kamai Izv. vys uch. zav., khim. i khim tekh. 5 no 4 519-523 '62.

Technology of meat concentrates and N N Zinin I N Vol'per Kons i ov prom 17 no 12 24 D '62

ZINOV'EV, PETR MIKHAILOVICH, 1882-

Petr Mikhailovich Zinov'ev, on his 80th birthday. Zhur. nevr. i psikh. 62 no. 8:1271 Ag '62

ZIONISM

"The truth about Judaism and Zionism." Reviewed by M. Kosenko. Voiov. ateist no. 11 62-64 N '62.

ZIRCONIUM

Electron paramagnetic resonance of Zr^{3+} in glasses. N. S. Garif'ianov, N. R. IAfaev. Zhur. eksp. i teor. fiz. 43 no. 5:1978-1979 N '62.

White opacified glazes containing zirconium for porcelain insulators. I. A. Askova. Stek. i ker. 19 no. 11-32-35 N '62.

ZIRCONIUM—ANALYSIS

Determination of zirconium in the presence of large quantities of molybdenum and tungsten [with summary in English]. A. IA. Zheskol'skaia. Zhur anal. khim 17 no. 8:949-951 N '62

Use of chlorophosphonazo III for the photometric determination of titanium, zirconium, thorium, and scandium [with summary in English] V I. Fadeeva, I P. Alimarin. Zhur. anal. khim. 17 no 8 1020-1023 N '62

ZIRCONIUM-NIOBIUM-TUNGSTEN ALLOYS see Niobium-tungsten-zirconium alloys

ZIRCONIUM OXIDE—ANALYSIS

Methods of quantitative phase analysis of ZrO_2 on the URS-501 diffractometer. A I Vishnevskii, B. IA. Sukharevskii, A. M Gavrish. Sbor. nauch. trud UNIIO no. 1:315-323 '61.

ZIRCONIUM SALTS

Chemistry of the aqueous solutions of zirconium salts (does a zirconyl ion exist?). A S Solovkin, Z. N TSvetkova Usp. khim 31 no. 11:1394-1416 N '62.

ZIRCONYL ION

Chemistry of the aqueous solutions of zirconium salts (does a zirconyl ion exist?). A S Solovkin, Z. N TSvetkova. Usp khim. 31 no. 11:1394-1416 N '62

ZMIYEV—ELECTRIC POWER PLANTS

Redesigning of the burners of the TP-100 boiler of the Zmiyev State Regional Electric Power Plant. G. G. Zarochentsev. Elek. sta. 33 no. 11:81-82 N '62.

ZMIYEV—HISTORICAL SOCIETIES

The 15th anniversary of the "Young Historian," a society of Zmiyev students. IA. I Krasiuk. Ukr. ist. zhur 6 no. 6 149 N-D '62.

ZOISITE see subdivision under West Siberian Plain

ZOLOTONOSHA DISTRICT—DUCKS

The "Chervona Zirka Collective Farm" and its hens of the Kremenchug Sea." M. Poltavets'. Ukraina no. 20. 14-15 O '62.

ZOLOTOYE REGION—AFFORESTATION

Methods for diking and afforesting gullies in the Zolotoye Forest Working Circle IU. B. Dushkov. Les. khoz 15 no 10 42-44 O '62

ZONE MELTING

Zonal refining of aluminum and lead. [illegible] I. G. D'iakov Fiz. met. i metalloved 14 no 2 243-[illegible] Ag '62.

ZOOLOGICAL RESEARCH see subdivision under Volgograd Province

ZOOLOGY—ECOLOGY

Novikov, I. I. [Is everything expedient in living nature?] Vse li tselesoobrazno v zhivoi prirode. Leningrad, Vses. ob-vo po rasprr. polit. i nauch. znanii RSFSR, 1961. 59 p.

Present state and future tasks of the ecology of [illegible] animals [with summary in English]. IU. O. Ilia'ter bakh, IU. A. Kiselev, O. A. Mennutyrskii Zool. [illegible] 41 no. 10, 1449-1458 O '62.

ZOOLOGY—JUVENILE LITERATURE

Bianki, V. V. [Forestry newspaper for each year] Lesnaia gazeta na kazhdyi god [Leningrad, Gos. [illegible] vo detskoi lit-ry, 1961. 470 p (Sikol'nitsa i shkola' (MiDW)

ZOOLOGY—STUDY AND TEACHING

Atheistic education in zoology lessons. P. Ilin'kh ateist 3 no. 12:34-36 D '62

Study of crustaceans and arachnids. I. A. Novikov Fiz. v shkole no. 4:13-17 Jl-Ag '62.

ZOOLOGY, MEDICAL

Korosteley, N. D. [Animals and the health of man] Zhivotnye i zdorov'e cheloveka. Moskva, Izd-vo [illegible] 1962. 55 p. (Narodnyi universitet kul'tury [illegible] zdorov'ia, no. 11)

ZOOPLANKTON see subdivision under [illegible] Indian Ocean

ZVENIGOROD REGION—GUIDEBOOKS

Borovkova, S. N. [Zvenigorod and its environs] Zvenigorod i okrestnosti. [Moskva] Mosk. rabochii, 1962. 149 p

ZYGOCOTYLE see subdivision under [illegible]

ZYRYANOVSK DISTRICT—ORE DEPOSITS

Determining the optimum pattern of holes in drilling operations in the Zyryanovsk deposit. [illegible] P. I. Shakhturov, N. IA. IAgodkina Izv. AN Kazakh. SSR. Ser. geol. no. 5:83-90 '62.